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Intelligent Transport Systems (ITS); Test specifications for the channel congestion control algorithms operating in the 5,9 GHz range; Part 2: Test Suite Structure and Test Purposes (TSS & TP)

Reference DTS/ITS-0040026

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Keywords

ITS, radio, TSS&TP

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# Foreword

This Technical Specification (TS) has been produced by ETSI Technical Committee Intelligent Transport System (ITS).

The present document is part 2 of a multi-part deliverable covering the test specifications for the channel congestion control algorithms operating in the 5,9 GHz range as identified below:

- Part 1: "Protocol Implementation Conformance Statement (PICS)";
- Part 2: "Test Suite Structure and Test Purposes (TSS & TP)";
- Part 3: "Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification".

# 1 Scope

The present document provides the Test Suite Structure and Test Purposes (TSS & TP) for the test specifications for the channel congestion control algorithms operating in the 5,9 GHz range as specified in TS 102 687 [1] in compliance with the relevant requirements and in accordance with the relevant guidance given in ISO/IEC 9646-7 [7] and ETS 300 406 [8].

In the present document only the ITS-G5A and ITS-G5B channels are covered.

# 2 References

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the reference document (including any amendments) applies.

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# 2.1 Normative references

The following referenced documents are necessary for the application of the present document.

[1]	ETSI TS 102 687: "Intelligent Transport Systems (ITS); Decentralized Congestion Control Mechanisms for Intelligent Transport Systems operating in the 5 GHz range; Access layer part".
[2]	ETSI TS 102 724: "Intelligent Transport Systems (ITS); Harmonized Channel Specifications for Intelligent Transport Systems operating in the 5 GHz frequency band".
[3]	ETSI TS 102 723-3: "Intelligent Transport Systems (ITS); OSI cross-layer topics; Part 3: Interface between management entity and access layer".
[4]	ETSI TS 102 723-10: "Intelligent Transport Systems (ITS); OSI cross-layer topics; Part 10: Interface between access layer and networking & transport layer".
[5]	ETSI TS 102 917-1: "Intelligent Transport Systems (ITS); Test specifications for the channel congestion control algorithms operating in the 5,9 GHz range; Part 1: Protocol Implementation Conformance Statement (PICS)".
[6]	ISO/IEC 9646-1: "Information technology Open Systems Interconnection Conformance testing methodology and framework Part 1: General concepts".
[7]	ISO/IEC 9646-7: "Information technology Open Systems Interconnection Conformance testing methodology and framework Part 7: Implementation Conformance Statements".
[8]	ETSI ETS 300 406: "Methods for testing and Specification (MTS); Protocol and profile conformance testing specifications; Standardization methodology".

## 2.2 Informative references

The following referenced documents are not necessary for the application of the present document but they assist the user with regard to a particular subject area.

Not applicable.

# 3 Definitions and abbreviations

## 3.1 Definitions

For the purposes of the present document, the terms and definitions given in TS 102 687 [1] and the following apply:

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Abstract Test Method (ATM): Refer to ISO/IEC 9646-1 [6].

Abstract Test Suite (ATS): Refer to ISO/IEC 9646-1 [6].

Implementation Under Test (IUT): Refer to ISO/IEC 9646-1 [6].

IN: name of the interface between access layer and networking & transport layer

Test Purpose (TP): Refer to ISO/IEC 9646-1 [6].

## 3.2 Abbreviations

For the purposes of the present document, the abbreviations given in TS 102 687 [1], TS 102 724 [2] and the following apply:

ACT	ACTive state
ASP	Abstract Service Primitive
ATS	Abstract Test Suite
CCH	Control Channel
СН	CHannel
DCC	Decentralized Congestion Control
DP	DCC Profile
ITS	Intelligent Transport System
ITS-G5	Acronym for the 5,9 GHz vehicular adhoc network
IUT	Implementation Under Test
MI_SAP	Management Interface SAP
MTS	Multiple Transceiver Station
PC	Point of Control
PCO	Point of Control and Observation
PC_RTX	PC Radio Transmission
PIXIT	Protocol Implementation eXtra Information for Testing
PO	Point of Observation
PO_RRX	PO Radio Reception
REL	RELaxed state
RES	REStrictive state
SAP	Service Access Point
SCH	Service Channel
STS	Single Transceiver Station
SUT	System Under Test
TP	Test Purpose
TSS	Test Suite Structure
UT	Upper Tester

# 4 Test configurations

## 4.1 Test architecture

The test architecture depicted in figure 1 is proposed. The aim of this test architecture is the testing of the access layer which acts as the implementation under test (IUT). As the MI\_SAP is considered a non-observable interface the management entity is included in the system under test (SUT).

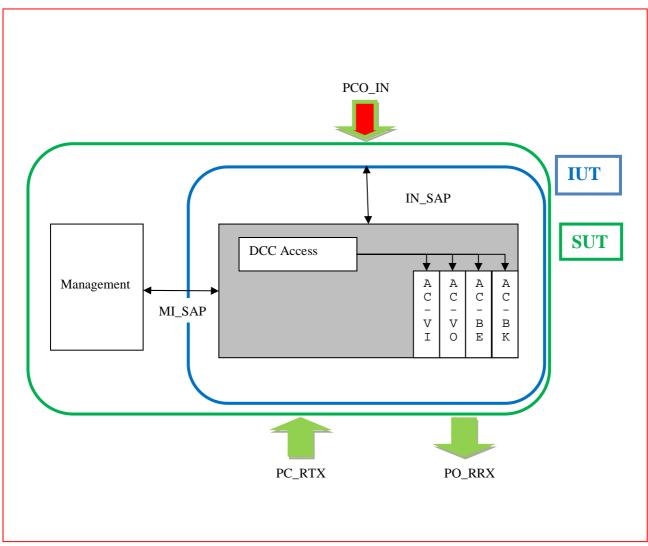


Figure 1: Test architecture

# 4.2 Radio Control and Observation Points

The following two testing reference points may be co-located in the same radio test equipment.

## 4.2.1 Radio Control Point PC\_RTX

The radio point of control (PC) PC\_RTX (Radio Transmission) will be used to trigger the entry of CCH and SCHs into the different DCC\_access states. This is done via an Upper Tester (UT) that sends an abstract service primitives (ASP) of type SetDCC\_AccessState to the Test System (TS). The UT will typically be realised within a radio test equipment.

The idea behind this is to stimulate the channelling probing functionality within the DCC access layer which will inform the DCC management via the MI\_SAP about the observed channel situation. DCC management will set the transmission parameters based on the DCC\_Access state. This is an indirect and non-transparent method of achieving the entry into a DCC\_Access state and to determine the transmission parameters for a given CH as the MI\_SAP will not be observed and furthermore there may exist a multitude of traffic situations that can be used at PC\_RTX to stimulate the transition to a DCC\_Access state.

#### 4.2.1.1 SetDCC\_AccessState - Description

This ASP is used to set the DCC\_Access state.

#### 4.2.1.2 SetDCC\_AccessState – Fields

Name	Value
Channel	0: CCH
	1: SCH1
	2: SCH2
	3: SCH3
	4: SCH4
State	0: Relaxed
	1: Active
	2: Restrictive

Table 1: SetDCC\_AccessState

### 4.2.2 Radio Observation Point PO\_RRX

The radio point of observation (PO) PO\_RRX (Radio Reception) will be used to examine the traffic generated by the SUT. This is done via a UT that receives ASPs of type Traffic\_Characteristics from the TS.

#### 4.2.2.1 Traffic\_Characteristics – Description

This ASP is used to report the traffic characteristics.

#### 4.2.2.2 Traffic\_Characteristics – Fields

Table 2: Traffic\_Characteristics

Name	Value
Channel	0: CCH
	1: SCH1
	2: SCH2
	3: SCH3
	4: SCH4
Measured power	Value in dBm
Inter-packet Spacing Toff	Value in ms

## 4.3 Control and Observation Point PCO\_IN for Triggering ITS frames

TS 102 723-3 [3] and figure 4 in TS 102 724 [2] describe the IN-UNIDATA service for transport on the IN\_SAP between access and network & transport layer. The behaviour on the IN\_SAP will be controlled and observed via the point of control and observation (PCO) PCO\_IN. Two testing ASPs are defined to request the transmission of frames on the radio interfaces and to observe indications that may be received from the access layer. They are called IN\_Request and IN\_Status and use a subset of the parameters defined in TS 102 723-010 [4] for the IN service primitives IN-UNIDATA.request and IN-UNIDATA.status.

### 4.3.1 IN\_Request - Description

This ASP is used to request the transmission of frames on the radio interface, see also TS 102 723-010 [4] clause 5.2.

Name	Value
Command reference	Integer (0 to 255)
Message	Octetstring
Requested send power P <sub>tx</sub>	Value in dBm
DCC profile identifier DP#	Integer value

Table 3: IN\_Request

## 4.3.3 IN\_Status - Description

This ASP is used to report the status related to the transmission (or non-transmission) of frames on the radio interface, see also TS 102 723-010 [4] clause 5.4.

## 4.3.4 IN\_Status – Fields

Name	Value	
Command reference	Integer(0 to 255)	
Channel	0: CCH	
	1: SCH1	
	2: SCH2	
	3: SCH3	
	4: SCH4	
Transmission success status	Boolean value	
Achieved send power P <sub>tx</sub>	Value in dBm	

#### Table 4: IN\_Status

# 5 Test Suite Structure (TSS) and Test Purposes (TP)

## 5.1 Test Suite Structure

## 5.1.1 TP naming convention

TPs are numbered, starting at 001, within each group. Groups are organized according to the TSS.

10

Identifier: <tp>_<channel>_<channel_state>_<nn></nn></channel_state></channel></tp>		
<tp> = Test Purpose:</tp>	fixed to " <b>TP</b> "	
<config> =</config>	STS for single transceiver station MTS for multiple transceiver station G5B for multiple transceiver station using the G5B spectrum	
<channel cch_channel_state=""></channel>	<ul> <li>REL for CCH relaxed state ACT for CCH active state RES for CCH restrictive state CCH for tests where the CCH channel state is variable or irrelevant SCH1 for tests related to SCH1 SCH2 for tests related to SCH2 SCH3 for tests related to SCH3 SCH4 for tests related to SCH4</li> </ul>	
<nn> = sequential number</nn>	(01-99)	

Table 5: TP identifier naming convention scheme

## 5.1.2 Test strategy

As the base standards TS 102 687 [1] contains no explicit requirements for testing, the TPs were generated as a result of an analysis of the base standard of TS 102 723-3 [3], T S 102 723-10 [4] and TS 102 724 [2] and of the PICS specification TS 102 917-1 [5].

## 5.1.3 TP structure

Each TP has been written in a manner which is consistent with all other TPs. The intention of this is to make the TPs more readable and checkable. A particular structure has been used which is illustrated in table 6. Table 6 should be read in conjunction with any TP, i.e. please use a TP as an example to facilitate the full comprehension of table 6.

Table 6:	Structure	of a	single	ΤР
----------	-----------	------	--------	----

TP part	Text	Example
TP ld	<clause base="" in="" number="" standard=""></clause>	see table 1
Test objective	Short free text description of the test objective	Verify that the IUT can correctly send a frame with priority DP1 on the CCH in state relaxed when $P_{Tx} < P_1$ .
Reference	<pre><clause base="" in="" number="" standard=""></clause></pre>	clause 5.4.3.2
PICS Selection	<pics reference=""></pics>	A.5/3
	Initial conditions	
Free text description	on of the condition that the IUT has reached before	CCH = Relaxed
the test purpose a		P <sub>1</sub> = 25 dBm
	Expected behaviour	
Start point	Ensure that the IUT with	
	<channel state=""> may be repeated for multiple channels</channel>	CCH in the relaxed state
Stimulus	<trigger></trigger>	on receipt of a IN_Request ASP containing a payload and indicating DP1 and $P_{Tx} = 20 \text{ dBm}$
	<action1> related to radio interface, monitored at PO_RRX.</action1>	transmits a frame on the CCH
	description of frame on the radio interface	with $P_{Tx} = 20 \text{ dBm}$ and $T_{off} \ge 100 \text{ ms}$
	< action2> related to IN_SAP, monitored at PCO_IN.	and sends on the PCO_IN
	description of ASP content	an IN_Status indicating channel = CCH, successful transmission, achieved $P_{Tx} = 20$ dBm
NOTE: Text in i the next	talics will not appear in TPs and text between <> is fi	lled in for each TP and may differ from one TP to

# 5.2 Test Purposes

All PICS items referred to in this clause are as specified in TS 102 917-1 [5] unless indicated otherwise by another numbered reference. PICS items are only meant for test selection, therefore only PICS items with status optional or conditional are explicitly mentioned.

## 5.2.1 Single Transceiver ITS Station Tests

### 5.2.1.1 CCH in the relaxed channel state

TP ld	TP_STS_REL_01
Test objective	Verify that the single transceiver IUT can correctly send frames with priority VAL_DP at a rate
-	of VAL_Message_Interval on the CCH in state relaxed when P <sub>Tx</sub> < P <sub>CCH_rel</sub> .
Reference	5.4.3.2, table 1
PICS Selection	A.2/1
	Initial conditions
CCH = Relaxed	
P <sub>CCH_rel</sub> = PICS A.5/1	
$P_{Tx} = PIXIT_P_{Tx}$	
P <sub>Tx</sub> < P <sub>CCH_rel</sub>	
	Expected behaviour
Ensure that the IUT, w	ith CCH in the relaxed state
	equest ASPs at a rate of VAL_Message_Interval, each
•	yload and indicating,
DP# = VAL_DF	
$P_{Tx} = PIXIT_P_T$	
transmits the fram	
with $P_{Tx} = PIXIT$	T_P <sub>Tx</sub> and
$T_{off} = VAL_T_{off}$	
	_IN IN_Status ASPs indicating
channel = CCH	
successful tran	,
achieved P <sub>Tx</sub> =	
Comments	PIXIT_ $P_{Tx}$ has to be chosen based on the value for $P_{CCH_{rel}}$ given in PICS A.5/1.
	This test case is also valid for multiple transceiver ITS stations.

TP ld	TP_STS_REL_02		
Test objective	Verify that the single transceiver IUT can reduce the transmit power on the CCH in state		
	<b>relaxed</b> when <b>P</b> <sub>Tx</sub> > <b>P</b> <sub>CCH_rel</sub> and can report this power reduction to the upper layer.		
Reference	5.4.3.2, table 1		
PICS Selection	A.2/1		
	Initial conditions		
CCH = Relaxed			
P <sub>CCH_rel</sub> = PICS A.5/1			
$P_{Tx} = PIXIT_P_{Tx}$			
P <sub>Tx</sub> < P <sub>CCH_rel</sub>			
	Expected behaviour		
Ensure that the IUT, with CCH in the relaxed state,			
-	equest ASPs at a rate of VAL_Message_Interval, each		
	yload and indicating		
DP# = VAL_DF			
	$P_{Tx} = PIXIT_P_{Tx} > P_{CCH_{rel}},$		
transmits the frames on the CCH			
-	with $P_{Tx} = P_{CCH_{rel}}$ and		
	$T_{off} = VAL_T_{off}$		
sends on the PCO_IN IN_Status ASPs indicating			
channel = CCH,			
successful transmission,			
achieved $P_{Tx} = P_{CCH_{rel}}$			
Comments	PIXIT_ $P_{Tx}$ has to be chosen based on the value for $P_{CCH_{rel}}$ given in PICS A.5/1.		
	This test case is also valid for multiple transceiver ITS stations.		

TP ld	TP_STS_REL_03		
Test objective	Verify that the single transceiver IUT can report unsuccessful sending of frames on the CCH in		
	state relaxed when the request frame rate is higher than the maximum allowed		
	VAL_Message_Interval.		
Reference	5.4.3.2, table 1		
PICS Selection	A.2/1		
	Initial conditions		
CCH = Relaxed			
	Expected behaviour		
Ensure that the IUT, w	ith CCH in the active state,		
on receipt of IN_R	equest ASPs at a rate higher than the maximum allowed VAL_Message_Interval, each		
containing a pa	yload and indicating,		
DP# = VAL_DP	$DP# = VAL_DP$ ,		
P <sub>Tx</sub> = acceptabl	$P_{Tx} = acceptable P_{Tx}$ value,		
transmits frames on the CCH with			
$T_{off} = VAL_T_{off}$			
and drops the rem	and drops the remaining frames		
sends on the PCO_IN IN_Status ASPs for the transmitted frames indicating			
channel = CCH,			
successful trans	successful transmission		
and sends on the	and sends on the PCO_IN IN_Status ASPs for the dropped frames indicating		
unsuccessful transmission.			

# Table 7: DP#, message interval and $\rm T_{off}$ values for TP\_STS\_REL\_01, TP\_STS\_REL\_02 and TP\_STS\_REL\_03

VAL_DP	VAL_Message_Interval [Hz]	VAL_T <sub>off</sub> [ms]
DP0	20	> 50
DP1	10	> 95
DP2	10	> 95
DP3	4	> 250
DP4	2	> 500
DP5	1	> 1 000
DP6	0,2	> 5 000
DP7	0,1	> 10 000
DP8	0,1	> 10 000
The tests have to be repeated for all value combinations.		

TP Id	TP_STS_REL_04		
Test objective	Verify that the single transceiver IUT drops frames with <b>priority values above DP8</b> on the <b>CCH in state relaxed</b> .		
Reference	5.4.3.2, table 1		
PICS Selection	A.2/1		
Initial conditions			
CCH = Relaxed			
Expected behaviour			
Ensure that the IUT, v	Ensure that the IUT, with CCH in the relaxed state,		
on receipt of an IN_Request ASP,			
	containing a payload and indicating		
DP# in the range between 9 and 32,			
drops the frame and does not transmit it,			
sends on the PCO_IN an IN_Status ASP indicating			
unsuccessful t	unsuccessful transmission.		

TP ld	TP_STS_ACT_01	
Test objective	Verify that the single transceiver IUT can correctly send frames with priority VAL_DP at a rate	
-	of VAL_Message_Interval on the CCH in state active when P <sub>Tx</sub> < P <sub>CCH_act</sub> .	
Reference	5.4.3.2, table 1	
PICS Selection	A.2/1	
	Initial conditions	
CCH = Active		
$P_{CCH_{act}} = PICS A.5/2$		
$P_{Tx} = PIXIT_P_{Tx}$		
P <sub>Tx</sub> < P <sub>CCH_act</sub>		
	Expected behaviour	
Ensure that the IUT, w	ith CCH in the active state,	
on receipt of IN_R	equest ASPs at a rate of VAL_Message_Interval, each	
containing a payload and indicating		
DP# = <b>VAL_DF</b>		
$P_{Tx} = PIXIT_P_{Tx}$		
transmits the fram		
with $P_{Tx} = PIXIT_P_{Tx}$ and		
$T_{off} = VAL_T_{off}$		
	_IN IN_Status ASPs indicating	
channel = CCH		
successful trans	smission,	
achieved $P_{Tx} =$		
Comments	PIXIT_ $P_{Tx}$ has to be chosen based on the value for $P_{CCH_{act}}$ given in PICS A.5/2.	
	This test case is also valid for multiple transceiver ITS stations.	
TP ld	TP_STS_ACT_02	
Test objective	Varify that the single transpoiver IIIT can reduce the transmit newer on the CCH in state	

### 5.2.1.2 CCH in the active channel state

TP ld	TP_STS_ACT_02		
Test objective	Verify that the single transceiver IUT can reduce the transmit power on the CCH in state		
	<b>active</b> when $P_{Tx} > P_{CCH_{act}}$ and can report this power reduction to the upper layer		
Reference	5.4.3.2, table 1		
PICS Selection	A.2/1		
	Initial conditions		
CCH = Active			
$P_1 = PICS A.5/2$			
$P_{Tx} = PIXIT_P_{Tx}$			
$P_{Tx} > P_{CCH_{act}}$			
	Expected behaviour		
Ensure that the IUT, with CCH in the active state,			
-	on receipt of IN_Request ASPs at a rate of VAL_Message_Interval, each		
	yload and indicating		
DP# = VAL_D			
$P_{Tx} = PIXIT_P_T$			
transmits the frames on the CCH			
with $P_{Tx} = P_{CCH_{act}}$ and			
	$T_{off} = VAL_T_{off}$		
	sends on the PCO_IN IN_Status ASPs indicating		
channel = CCH,			
successful transmission,			
	achieved $P_{Tx} = P_{CCH_{act}}$ .		
Comments	PIXIT_P <sub>Tx</sub> has to be chosen based on the value for $P_{CCH_{act}}$ given in PICS A.5/2.		
	This test case is also valid for multiple transceiver ITS stations.		

TP ld	TP_STS_ACT_03		
Test objective	Verify that the single transceiver IUT can report unsuccessful sending of frames on the CCH in		
	state active when the request frame rate is higher than the maximum allowed		
	VAL_Message_Interval.		
Reference	5.4.3.2, table 1		
PICS Selection	A.2/1		
	Initial conditions		
CCH = Active			
	Expected behaviour		
Ensure that the IUT, v	with <b>CCH in the active state</b> ,		
on receipt of IN_I	on receipt of IN_Request ASPs at a rate higher than the maximum allowed VAL_Message_Interval, each		
containing a pa	containing a payload and indicating		
DP# = <b>VAL_D</b>	P		
$P_{Tx} = acceptable$			
transmits frames on the CCH			
with $T_{off} = VAL_T_{off}$			
and drops the rer	and drops the remaining frames		
sends on the PCO_IN IN_Status ASPs for the transmitted frames indicating			
channel = CCH,			
successful transmission			
and sends on the PCO_IN IN_Status ASPs for the dropped frames indicating			
unsuccessful t	unsuccessful transmission.		

# Table 8: DP#, message interval and $\rm T_{off}$ values for TP\_STS\_ACT\_01, TP\_STS\_ACT\_02 and TP\_STS\_ACT\_03

VAL_DP	VAL_Message_Interval [Hz]	VAL_T <sub>off</sub> [ms]	
DP0	20	> 50	
DP1	5	> 190	
DP2	5	> 190	
DP3	2	> 500	
NOTE: The tests have	The tests have to be repeated for all value combinations.		

TP ld	TP_STS_ACT_04		
Test objective	Verify that the single transceiver IUT drops frames with <b>priority values above DP8</b> on the <b>CCH in state active</b> .		
Reference	5.4.3.2, table 1		
PICS Selection	A.2/1		
Initial conditions			
CCH = Active			
Expected behaviour			
Ensure that the IUT,	Ensure that the IUT, with CCH in the active state,		
	on receipt of an IN_Request ASP,		
containing a p	ayload and indicating		
DP# in the rar	DP# in the range between 4 and 32,		
drops the frame and does <b>not transmit</b> it,			
sends on the PCO_IN an IN_Status ASP indicating			
unsuccessful transmission.			

TP ld	TP_STS_RES_01	
Test objective	Verify that the single transceiver IUT can correctly send frames with priority VAL_DP at a rate	
	of VAL_Message_Interval on the CCH in state restrictive when P <sub>Tx</sub> < P <sub>CCH_res</sub> .	
Reference	5.4.3.2, table 1	
PICS Selection	A.2/1	
	Initial conditions	
CCH = Restrictive		
PCCH res = PICS A.5/3		
$P_{Tx} = PIXIT_P_{Tx}$		
P <sub>Tx</sub> < P <sub>CCH_res</sub>		
	Expected behaviour	
Ensure that the IUT, v	vith CCH in the restrictive state,	
on receipt of IN_I	Request ASPs at a rate of VAL_Message_Interval, each	
	ayload and indicating	
DP# = <b>VAL_D</b>		
$P_{Tx} = PIXIT_P$		
transmits the fran		
with $P_{Tx} = PIXI$		
$T_{off} = VAL_T_{off}$		
	D_IN IN_Status ASPs indicating	
channel = CCI		
successful trar		
achieved P <sub>Tx</sub> =		
Comments	PIXIT_ $P_{Tx}$ has to be chosen based on the value for $P_{CCH_{res}}$ given in PICS A.5/3.	
	This test case is also valid for multiple transceiver ITS stations.	
TP Id	TP_STS_RES_02	
Test objective	Verify that the single transceiver IUT can reduce the transmit power on the CCH in state	
· · · · · · · · · · · · · · · · · · ·	restrictive when $P_{Tx} > P_{CCH}$ res and can report this power reduction to the upper layer.	
Reference	5.4.3.2, table 1	
PICS Selection	A.2/1	
CCH = Restrictive	Initial conditions	
P1 = PICS A.5/3		
P1 = PICS A.5/3 PTx = PIXIT_PTx		
P1 = PICS A.5/3 PTx = PIXIT_PTx		
P <sub>1</sub> = PICS A.5/3 P <sub>Tx</sub> = PIXIT_P <sub>Tx</sub> P <sub>Tx</sub> > P <sub>CCH_res</sub>	Initial conditions	
$P_{1} = PICS A.5/3$ $P_{Tx} = PIXIT_P_{Tx}$ $P_{Tx} > P_{CCH_{res}}$ Ensure that the IUT, v	Initial conditions Expected behaviour	
$P_{1} = PICS A.5/3$ $P_{Tx} = PIXIT_P_{Tx}$ $P_{Tx} > P_{CCH_{res}}$ Ensure that the IUT, v on receipt of IN_I	Initial conditions Expected behaviour vith CCH in the restrictive state, Request ASPs at a rate of VAL_Message_Interval, each	
$P_{1} = PICS A.5/3$ $P_{Tx} = PIXIT_P_{Tx}$ $P_{Tx} > P_{CCH_{res}}$ Ensure that the IUT, v on receipt of IN_I	Initial conditions         Expected behaviour         vith CCH in the restrictive state,         Request ASPs at a rate of VAL_Message_Interval, each         ayload and indicating	
$P_{1} = PICS A.5/3$ $P_{Tx} = PIXIT_P_{Tx}$ $P_{Tx} > P_{CCH_{res}}$ Ensure that the IUT, won receipt of IN_I containing a particular set of the set of	Initial conditions         Expected behaviour         vith CCH in the restrictive state,         Request ASPs at a rate of VAL_Message_Interval, each         ayload and indicating         P,	
$P_{1} = PICS A.5/3$ $P_{Tx} = PIXIT_P_{Tx}$ $P_{Tx} > P_{CCH_{res}}$ Ensure that the IUT, w on receipt of IN_1 containing a pa DP# = VAL_D	Initial conditions         Expected behaviour         vith CCH in the restrictive state,         Request ASPs at a rate of VAL_Message_Interval, each         ayload and indicating         P,         rx > P <sub>CCH_res</sub> ,	
$P_{1} = PICS A.5/3$ $P_{Tx} = PIXIT_P_{Tx}$ $P_{Tx} > P_{CCH_{res}}$ Ensure that the IUT, v on receipt of IN_I containing a pa DP# = VAL_D P_{Tx} = PIXIT_P	Initial conditions         Expected behaviour         vith CCH in the restrictive state,         Request ASPs at a rate of VAL_Message_Interval, each         ayload and indicating         P,         rx > P <sub>CCH_res</sub> ,         nes on the CCH	
$P_{1} = PICS A.5/3$ $P_{Tx} = PIXIT_P_{Tx}$ $P_{Tx} > P_{CCH_{res}}$ Ensure that the IUT, w on receipt of IN_I containing a pa $DP\# = VAL_D$ $P_{Tx} = PIXIT_P$ transmits the fram with $P_{Tx} = P_{CCH}$ $T_{off} = VAL_Toff$	$\begin{tabular}{ c c c c c c c } \hline Initial conditions \\ \hline Expected behaviour \\ \hline with CCH in the restrictive state, \\ Request ASPs at a rate of VAL_Message_Interval, each \\ ayload and indicating \\ P, \\ f_x > P_{CCH_res}, \\ nes on the CCH \\ \hline a_res and $	
$P_{1} = PICS A.5/3$ $P_{Tx} = PIXIT_P_{Tx}$ $P_{Tx} > P_{CCH_{res}}$ Ensure that the IUT, v on receipt of IN_I containing a pa DP# = VAL_D P_{Tx} = PIXIT_P transmits the fram with P_{Tx} = P_{CCH} $T_{off} = VAL_Toff$	Initial conditions         Expected behaviour         vith CCH in the restrictive state,         Request ASPs at a rate of VAL_Message_Interval, each         ayload and indicating         P,         rx > P <sub>CCH_res</sub> ,         nes on the CCH         t_res and	
$P_{1} = PICS A.5/3$ $P_{Tx} = PIXIT_P_{Tx}$ $P_{Tx} > P_{CCH_{res}}$ Ensure that the IUT, v on receipt of IN_I containing a pa DP# = VAL_D P_{Tx} = PIXIT_P transmits the frar with P_{Tx} = P_{CCH} T_{off} = VAL_T_{off} sends on the PCC channel = CCH	Initial conditions         Expected behaviour         vith CCH in the restrictive state,         Request ASPs at a rate of VAL_Message_Interval, each         ayload and indicating         P,         rx > P <sub>CCH_res</sub> ,         nes on the CCH         4_res and         D_IN IN_Status ASPs indicating         1,	
$P_{1} = PICS A.5/3$ $P_{Tx} = PIXIT_P_{Tx}$ $P_{Tx} > P_{CCH\_res}$ Ensure that the IUT, v on receipt of IN_f containing a pa DP# = VAL_D P_{Tx} = PIXIT_P transmits the fram with $P_{Tx} = P_{CCF}$ Toff = VAL_Toff sends on the PCC	Initial conditions         Expected behaviour         vith CCH in the restrictive state,         Request ASPs at a rate of VAL_Message_Interval, each         ayload and indicating         P,         rx > P <sub>CCH_res</sub> ,         nes on the CCH         4_res and         D_IN IN_Status ASPs indicating         1,	
on receipt of IN_I containing a particular DP# = VAL_D $P_{Tx} = PIXIT_P$ transmits the fram with $P_{Tx} = P_{CCF}$ $T_{off} = VAL_T_{off}$ sends on the PCC channel = CCF successful tran achieved $P_{Tx} =$	Initial conditions         Expected behaviour         with CCH in the restrictive state,         Request ASPs at a rate of VAL_Message_Interval, each         ayload and indicating         P,         rx > P_{CCH_res,}         nes on the CCH         4_res and         D_IN IN_Status ASPs indicating         I,         nsmission,         PCCH_res.	
$P_{1} = PICS A.5/3$ $P_{Tx} = PIXIT_P_{Tx}$ $P_{Tx} > P_{CCH_{res}}$ Ensure that the IUT, v on receipt of IN_f containing a pa DP# = VAL_D P_{Tx} = PIXIT_P transmits the frar with $P_{Tx} = P_{CCF}$ Toff = VAL_Toff sends on the PCC channel = CCF successful trar	Initial conditions         Expected behaviour         vith CCH in the restrictive state,         Request ASPs at a rate of VAL_Message_Interval, each         ayload and indicating         P,         rx > P <sub>CCH_res</sub> ,         nes on the CCH         A_res and         D_IN IN_Status ASPs indicating         I,         nsmission,	

### 5.2.1.3 CCH in the restrictive channel state

TP ld	TP_STS_RES_03		
Test objective	Verify that the single transceiver IUT can report unsuccessful sending of frames on the CCH in		
	state restrictive when the request frame rate is higher than the maximum allowed		
	VAL_Message_Interval.		
Reference	5.4.3.2, table 1		
PICS Selection	A.2/1		
	Initial conditions		
CCH = Restrictive			
	Expected behaviour		
Ensure that the IUT, v	Ensure that the IUT, with <b>CCH in the restrictive state</b> ,		
on receipt of IN_Request ASPs at a rate higher than the maximum allowed VAL_Message_Interval, each			
containing a pa	ayload and indicating		
DP# = <b>VAL_D</b>	DP# = VAL_DP		
	$P_{Tx}$ = acceptable $P_{Tx}$ value,		
transmits frames on the CCH			
with $T_{off} = VAL_T_{off}$			
•	and drops the remaining frames		
sends on the PCO_IN IN_Status ASPs for the transmitted frames indicating			
channel = CCH,			
successful transmission			
and sends on the PCO_IN IN_Status ASPs for the dropped frames indicating			
unsuccessful transmission.			

# Table 9: DP#, message interval and $\rm T_{off}$ values for TP\_STS\_RES\_01, TP\_STS\_RES\_02 and TP\_STS\_RES\_03

VAL_DP	VAL_Message_Interval [Hz]	VAL_T <sub>off</sub> [ms]	
DP0	20	> 50	
DP1	4	> 250	
DP2	4	> 250	
DP3	1	> 1 000	
NOTE: The tests	IOTE: The tests have to be repeated for all value combinations.		

TP ld	TP_STS_RES_04
Test objective	Verify that the single transceiver IUT drops frames with <b>priority values above DP4</b> on the <b>CCH in state restrictive</b> .
Reference	5.4.3.2, table 1
PICS Selection	A.2/1
	Initial conditions
CCH = Relaxed	
	Expected behaviour
Ensure that the IUT,	with CCH in the restrictive state,
on receipt of an	IN_Request ASP,
	payload and indicating
	nge between <b>4 and 32</b> ,
drops the frame	and does <b>not transmit</b> it,
sends on the PC	O_IN an IN_Status ASP indicating
unsuccessful	transmission.

The following single transceiver ITS station tests also apply to multiple transceiver stations:

- TP\_STS\_REL\_01 TP\_STS\_REL\_02 TP\_STS\_ACT\_01 TP\_STS\_ACT\_02 TP\_STS\_RES\_01
- TP\_STS\_RES\_02

#### 5.2.2.1 CCH related tests

5.2.2.1.1 CCH in variable channel states

TP ld	TP_MTS_CCH_01
Test objective	Verify that the multiple transceivers IUT can drop frames with priority VAL_DP when the
-	request frame rate is higher than the maximum allowed VAL_Message_Interval of the CCH in
	state VAL_State_CCH and with SCH1 in state VAL_State_SCH1.
Reference	5.4.3.2, table 1, table 2
PICS Selection	A.2/2, A.4/2
	Initial conditions
CCH = VAL_State_C	СН
SCH1 = VAL_State_S	SCH1
SCH2 = Status irrelev	ant
	Expected behaviour
Ensure that the IUT, w	vith CCH in the VAL_State_CCH state and SCH1 in state VAL_State_SCH1,
on receipt of IN_F	Request ASPs at a rate higher than the maximum allowed VAL_Message_Interval, each
	ayload and indicating
DP# = <b>VAL_D</b>	
acceptable PT	
transmits frames	
T <sub>off</sub> > VAL_T <sub>off</sub>	
and drops the rer	
	D_IN IN_Status ASPs for the transmitted frames indicating
channel = CCH	
successful trar	
	PCO_IN IN_Status ASPs for the dropped frames indicating
unsuccessful t	ransmission.

# Table 10: DP#, CCH channel state, message interval, $T_{\text{off}}$ and SCH1 channel state values for TP\_MTS\_CCH\_01

VAL_DP	VAL_State_CCH	VAL_Message_Interval [Hz]	VAL_T <sub>off</sub> [ms]	VAL_State_SCH1
DP1	Active	5	190	Relaxed
				Active
				Restrictive
	Restrictive	4	250	Relaxed
				Active
				Restrictive
DP2	Active	5	190	Active
				Restrictive
	Restrictive	4	250	Active
				Restrictive
DP3	Active	5	190	Restrictive
	Restrictive	4	250	Restrictive
NOTE: T	The test has to be repeate	d for all value combinations.		

TP ld	TP_MTS_CCH_02
Test objective	Verify that the multiple transceivers IUT can drop all frames for VAL_DP in the range between 5
	and 8 when CCH, SCH1 and SCH2 are in channel states other than the relaxed state.
Reference	5.4.3.2, table 1, table 2, table 3
PICS Selection	A.2/2, A.4/2, A.4/3
	Initial conditions
CCH = VAL_State_C	СН
SCH1 = VAL_State_S	SCH1
SCH2 = VAL_State_S	SCH2
	Expected behaviour
Ensure that the IUT, w	vith CCH, SCH1 and SCH2 in channel states other than the relaxed state,
on receipt of an I	N_Request ASP,
	ayload and indicating
	P in the range between 5 and 8,
drops the frame a	nd does <b>not transmit</b> it,
sends on the PCC	D_IN an IN_Status ASP indicating
unsuccessful t	ransmission.

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#### Table 11: DP#, CCH, SCH1 and SCH2 channel state values values for TP\_MTS\_CCH\_02

VAL_DP	VAL_State_CCH	VAL_State_SCH1	VAL_State_SCH2
DP5	Active	Active	Active
		Restrictive	Active
		Active	Restrictive
		Restrictive	Restrictive
	Restrictive	Active	Active
		Restrictive	Active
		Active	Restrictive
		Restrictive	Restrictive
DP6	Active	Active	Active
		Restrictive	Active
		Active	Restrictive
		Restrictive	Restrictive
	Restrictive	Active	Active
		Restrictive	Active
		Active	Restrictive
		Restrictive	Restrictive
DP7	Active	Active	Active
		Restrictive	Active
		Active	Restrictive
		Restrictive	Restrictive
	Restrictive	Active	Active
		Restrictive	Active
		Active	Restrictive
		Restrictive	Restrictive
DP8	Active	Active	Active
		Restrictive	Active
		Active	Restrictive
		Restrictive	Restrictive
	Restrictive	Active	Active
		Restrictive	Active
		Active	Restrictive
		Restrictive	Restrictive
NOTE: The tests ha	ave to be repeated for all value	combinations.	

TP ld	TP MTS ACT 01
Test objective	Verify that the multiple transceivers IUT can transmit frames with priority VAL_DP on CCH and
-	SCH1 when the request frame rate is higher than the maximum allowed
	VAL_Message_Interval of the CCH in state active and with SCH1 in state
	VAL_State_SCH1.
Reference	5.4.3.2, table 1, table 2
PICS Selection	A.2/2, A.4/2
	Initial conditions
CCH = Active	
SCH1 = VAL_State_S	CH1
SCH2 = Status irreleva	ant
	Expected behaviour
Ensure that the IUT, w	ith CCH in the active and SCH1 in state VAL_State_SCH1,
on receipt of IN_R	equest ASPs at a rate of rate higher than the maximum allowed VAL_Message_Interval,
each	
<b>U</b>	yload and indicating
DP# = VAL_DP	
acceptable P <sub>Tx</sub>	
transmits frames of	on the CCH
T <sub>off</sub> > VAL_T <sub>off</sub>	
and transmits fram	
	_IN IN_Status ASPs for CCH transmitted frames indicating
channel = CCH	
successful trans	
	PCO_IN IN_Status ASPs for SCH1 transmitted frames indicating
channel = SCH	
successful trans	smission.

#### 5.2.2.1.2 CCH in the active channel state

### Table 12: DP#, message interval, $T_{off}$ and SCH1 channel state values for TP\_MTS\_ACT\_01

	VAL_DP	VAL_Message_Interval [Hz]	VAL_T <sub>off</sub> [ms]	VAL_State_SCH1
DP2		5	190	Relaxed
DP3		2	500	Relaxed
				Active
NOTE:	The tests have to	be repeated for all value cor	nbinations.	

TP ld	TP_MTS_ACT_02
Test objective	Verify that the multiple transceivers IUT can transmit frames with priority <b>DP4</b> at a rate of <b>2 Hz</b>
	on SCH1 in state VAL_State_SCH1 with CCH in state active.
Reference	5.4.3.2, table 1, table 2
PICS Selection	A.2/2, A.4/2
	Initial conditions
CCH = Active	
SCH1 = VAL_State_S	SCH1
SCH2 = Status irrelev	ant
	Expected behaviour
Ensure that the IUT, w	vith CCH in the active and SCH1 in state VAL_State_SCH1,
on receipt of IN_F	Request ASPs at a rate of <b>2 Hz</b> , each
containing a pa	ayload and indicating
DP# = <b>DP4</b>	
acceptable PTx	value,
transmits frames	on the SCH1
T <sub>off</sub> > <b>500 ms</b>	
sends on the PCC	D_IN IN_Status ASPs indicating
channel = SCH	l1,
successful tran	ismission.

#### Table 13: SCH1 channel state values for TP\_MTS\_ACT\_02

VAL_State_SCH1	
Relaxed	
Active	

TP Id	TP_MTS_ACT_03
Test objective	Verify that the multiple transceivers IUT can transmit frames with priority DP4 at a rate of 2 Hz on SCH2 in state VAL_State_SCH2 with CCH in state active and with SCH1 in state
	restrictive.
Reference	5.4.3.2, table 1, table 2
PICS Selection	A.2/2, A.4/3
	Initial conditions
CCH = Active	
SCH1 = Restrictive	
SCH2 = VAL_State_	SCH2
	Expected behaviour
Ensure that the IUT,	with CCH in the active, SCH1 in the restrictive and SCH2 in state VAL_State_SCH2,
	Request ASPs at a rate of <b>2 Hz</b> , each
-	payload and indicating
DP# = <b>DP4</b>	
acceptable P1	x value.
transmits frames	•
T <sub>off</sub> > <b>500 ms</b>	
sends on the PC	O_IN IN_Status ASPs indicating
channel = SC	H2,
successful tra	

#### Table 14: SCH2 channel state values for TP\_MTS\_ACT\_03

TP ld	TP_MTS_ACT_04
Test objective	Verify that the multiple transceivers IUT can correctly send frames with priority VAL_DP at a
-	rate of VAL_Message_Interval on the SCH1 in state relaxed with CCH in the active state.
Reference	5.4.3.2, table 2
PICS Selection	A.2/2, A.4/2
	Initial conditions
CCH = Active	
SCH1 = Relaxed	
SCH2 = Status irrelev	<i>r</i> ant
	Expected behaviour
Ensure that the IUT, v	with CCH in the active and SCH1 in the relaxed state,
on receipt of IN_I	Request ASPs at a rate of VAL_Message_Interval, each
containing a p	ayload and indicating
DP# = <b>VAL_D</b>	P,
$P_{Tx} = accepta$	able $P_{Tx}$ value,
transmits the frar	nes on the SCH1 with
$T_{off} = VAL_T_{off}$	f
sends on the PCC	D_IN IN_Status ASPs indicating
channel = SCI	H1,
successful trar	nsmission.

The tests have to be repeated for all value combinations.

TP Id	TP_MTS_ACT_05
Test objective	Verify that the multiple transceivers IUT can correctly send frames with priority VAL_DP at a
_	rate of VAL_Message_Interval on the SCH2 in state relaxed with CCH in the active state
	and SCH1 in state VAL_State_SCH1.
Reference	5.4.3.2, table 2
PICS Selection	A.2/2, A.4/3
	Initial conditions
CCH = Active	
SCH1 = VAL_State_	SCH1
SCH2 = Relaxed	
	Expected behaviour
Ensure that the IUT, v	with CCH in the active, SCH 1 in the VAL_State_SCH1 and SCH2 in the relaxed state,
on receipt of IN_	Request ASPs at a rate of VAL_Message_Interval, each
containing a p	ayload and indicating
DP# = VAL_D	P,
$P_{Tx} = accepta$	able $P_{Tx}$ value,
transmits the fram	mes on the SCH2 with
$T_{off} = VAL_T_{off}$	f
sends on the PC	O_IN IN_Status ASPs indicating
channel = SCI	H2,
successful trai	nsmission.

VAL_State_SCH1	VAL_DP	VAL_Message_Interval [Hz]	VAL_T <sub>off</sub> [ms]
Active	DP5	2	> 500
	DP6	2	> 500
	DP7	1	> 1 000
	DP8	0,5	> 2 000
Restrictive	DP5	2	> 500
	DP6	2	> 500
	DP7	1	> 1 000
	DP8	0,5	> 2 000
NOTE: The tests have to	be repeated for all value co	mbinations.	

TP Id	TP_MTS_RES_01
Test objective	Verify that the multiple transceivers IUT can transmit frames with priority VAL_DP on CCH and
	SCH1 when the request frame rate is higher than the maximum allowed
	VAL_Message_Interval of the CCH in state restrictive and with SCH1 in state
	VAL_State_SCH1.
Reference	5.4.3.2, table 1, table 2
PICS Selection	A.2/2, A.4/2
	Initial conditions
CCH = Restrictive	
SCH1 = VAL_State_S	SCH1
SCH2 = Status irreleva	ant
	Expected behaviour
Ensure that the IUT, w	rith CCH in the restrictive and SCH1 in state VAL_State_SCH1,
on receipt of IN_R	Request ASPs at a rate of rate higher than the maximum allowed VAL_Message_Interval,
each	
containing a pa	yload and indicating
DP# = VAL_DF	
acceptable P <sub>Tx</sub>	value,
transmits frames of	on the CCH
$T_{off} = VAL_T_{off}$	
and transmits fran	nes on the SCH1
sends on the PCO	IN IN_Status ASPs for CCH transmitted frames indicating
channel = CCH	
successful tran	smission
and sends on the I	PCO IN IN Status ASPs for SCH1 transmitted frames indicating
channel = SCH	
successful transmission.	

#### 5.2.2.1.3 CCH in the restrictive channel state

#### Table 17: DP#, message interval, $T_{off}$ and SCH1 channel state values for TP\_MTS\_RES\_01

``````````````````````````````````````	VAL_DP	VAL_Message_Interval [Hz]	VAL_T <sub>off</sub> [ms]	VAL_State_SCH1
	DP2	> 4	250	Relaxed
	DP3	> 1	1 000	Relaxed
				Active
NOTE:	: The tests have to be repeated for all value combinations.			

TP ld	TP_MTS_RES_02
Test objective	Verify that the multiple transceivers IUT can transmit frames with priority <b>DP4</b> at a rate of <b>2 Hz</b>
-	on SCH1 in state VAL_State_SCH1 with CCH in state restrictive.
Reference	5.4.3.2, table 1, table 2
PICS Selection	A.2/2, A.4/2
	Initial conditions
CCH = Restrictive	
SCH1 = VAL_State_S	SCH1
SCH2 = Status irrelev	ant
	Expected behaviour
Ensure that the IUT, w	vith CCH in the restrictive and SCH1 in state VAL_State_SCH1,
on receipt of IN_F	Request ASPs at a rate of <b>2 Hz</b> , each
containing a pa	ayload and indicating
DP# = <b>DP4</b>	
acceptable P <sub>Tx</sub>	value,
transmits frames	on the SCH1
T <sub>off</sub> > <b>500 ms</b>	
sends on the PCC	D_IN IN_Status ASPs indicating
channel = SCH	l1,
successful tran	ismission.

VAL_State_SCH1	
Relaxed	
Active	

70.11		
TP ld	TP_MTS_RES_03	
Test objective	Verify that the multiple transceivers IUT can transmit frames with priority <b>DP4</b> at a rate of <b>2 Hz</b> on <b>SCH2 in state VAL_State_SCH2</b> with <b>CCH</b> and <b>SCH1 in state restrictive</b> .	
Reference	5.4.3.2, table 1, table 2	
PICS Selection	A.2/2, A.4/3	
	Initial conditions	
CCH = Restrictive		
SCH1 = Restrictive		
SCH2 = VAL_State_S	SCH2	
	Expected behaviour	
Ensure that the IUT, w	vith CCH and SCH1 in the restrictive and SCH2 in state VAL_State_SCH2,	
on receipt of IN_F	Request ASPs at a rate of <b>2 Hz</b> , each	
containing a pa	ayload and indicating	
DP# = <b>DP4</b>		
acceptable P <sub>Tx</sub>	value,	
transmits frames	on the SCH2	
T <sub>off</sub> > <b>500 ms</b>		
sends on the PCC	sends on the PCO_IN IN_Status ASPs indicating	
channel = SCH	ł2,	
successful tran	ismission.	

#### Table 19: SCH2 channel state values for TP\_MTS\_RES\_03

VAL_State_SCH2	-
Relaxed	
Active	
Restrictive	
	_

TP ld	TP_MTS_RES_04
Test objective	Verify that the multiple transceivers IUT can correctly send frames with priority VAL_DP at a
	rate of VAL_Message_Interval on the SCH1 in state relaxed with CCH in the restrictive
	state.
Reference	5.4.3.2, table 2
PICS Selection	A.2/2, A.4/2
	Initial conditions
CCH = Restrictive	
SCH1 = Relaxed	
SCH2 = Status irrelev	/ant
	Expected behaviour
Ensure that the IUT, v	with CCH in the restrictive and SCH1 in the relaxed state,
on receipt of IN_I	Request ASPs at a rate of VAL_Message_Interval, each
	ayload and indicating
DP# = VAL_D	P,
P <sub>Tx</sub> = accepta	able $P_{Tx}$ value,
transmits the frar	nes on the SCH1 with
$T_{off} = VAL_T_{off}$	
sends on the PCC	D_IN IN_Status ASPs indicating
channel = SCH	H1,
successful trar	nsmission.

Table 20: DP#, message interval and T <sub>off</sub> values for TP_MTS_RES_04	S RES 04
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NOTE: The tests have to be repeated for all value combinations.

TP ld	TP_MTS_RES_05	
Test objective	Verify that the multiple transceivers IUT can correctly send frames with priority VAL_DP at a	
-	rate of VAL_Message_Interval on the SCH2 in state relaxed with CCH in the restrictive	
	state and SCH1 in state VAL_State_SCH1.	
Reference	5.4.3.2, table 2	
PICS Selection	A.2/2, A.4/3	
	Initial conditions	
CCH = Restrictive		
SCH1 = VAL_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State	SCH1	
SCH2 = Relaxed		
	Expected behaviour	
Ensure that the IUT, v	with CCH in the restrictive, SCH 1 in the VAL_State_SCH1 and SCH2 in the relaxed state,	
on receipt of IN_I	Request ASPs at a rate of VAL_Message_Interval, each	
containing a p	ayload and indicating	
DP# = VAL_D	P,	
$P_{Tx} = acceptable$	ble P <sub>Tx</sub> value,	
transmits the fran	nes on the SCH2 with	
$T_{off} = VAL_T_{off}$	f	
sends on the PCC	D_IN IN_Status ASPs indicating	
channel = SCI	channel = SCH2,	
successful transmission.		

VAL_State_SCH1	VAL_DP	VAL_Message_Interval [Hz]	VAL_T <sub>off</sub> [ms]
Active	DP5	2	> 500
	DP6	2	> 500
	DP7	1	> 1 000
	DP8	0,5	> 2 000
Restrictive	DP5	2	> 500
	DP6	2	> 500
	DP7	1	> 1 000
	DP8	0,5	> 2 000
NOTE: The tests have to	be repeated for all value	combinations.	

### 5.2.2.2 SCH1 related tests

#### 5.2.2.2.1 SCH1 in the relaxed channel state

TP Id			
Test objective	TP_MTS_SCH1_01 Verify that the multiple transceiver IUT can correctly send frames with priority VAL_DP at a rate		
rest objective	of VAL_Message_Interval on the SCH1 in state relaxed when P <sub>Tx</sub> < P <sub>SCH1 rel</sub> .		
Reference	5.4.3.2, table 2		
PICS Selection	A.2/2, A.4/2		
	Initial conditions		
CCH = Status irreleva			
SCH1 = Relaxed			
SCH2 = Status irreleva	ant		
$P_{SCH1}$ rel = PICS A.5/4			
$P_{Tx} = PIXIT_P_{Tx}$			
$P_{Tx} < P_{SCH1_{rel}}$			
	Expected behaviour		
Ensure that the IUT, w	ith SCH1 in the relaxed state,		
	Request ASPs at a rate of VAL_Message_Interval, each		
	vload and indicating		
DP# = VAL_DF			
$P_{Tx} = PIXIT_P_T$			
transmits the fram			
with $P_{Tx} = P[X]$	$\Gamma_{\rm Tx}$ and		
$T_{off} = VAL_T_{off}$			
sends on the PCC	D_IN IN_Status ASPs indicating		
channel = SCH	1,		
successful tran			
achieved P <sub>Tx</sub> =	PIXIT_P <sub>Tx</sub> .		
Comments	PIXIT_ $P_{Tx}$ has to be chosen based on the value for $P_{SCH1 rel}$ given in PICS A.5/4.		
TP Id	TP_MTS_SCH1_02		
TP Id Test objective	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH1 in state		
Test objective	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH1 in state relaxed when $P_{Tx} > P_{SCH1\_rel}$ and can report this power reduction to the upper layer		
Test objective Reference	Verify that the multiple transceiver IUT can reduce the transmit power on the <b>SCH1 in state</b> relaxed when $P_{Tx} > P_{SCH1\_rel}$ and can report this power reduction to the upper layer 5.4.3.2, table 2		
Test objective	Verify that the multiple transceiver IUT can reduce the transmit power on the <b>SCH1 in state</b> relaxed when $P_{Tx} > P_{SCH1\_rel}$ and can report this power reduction to the upper layer 5.4.3.2, table 2 A.2/2, A.4/2		
Test objective Reference PICS Selection	Verify that the multiple transceiver IUT can reduce the transmit power on the <b>SCH1 in state</b> <b>relaxed</b> when <b>P</b> <sub>Tx</sub> > <b>P</b> <sub>SCH1_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 2 A.2/2, A.4/2 Initial conditions		
Test objective Reference PICS Selection CCH = Status irreleval	Verify that the multiple transceiver IUT can reduce the transmit power on the <b>SCH1 in state</b> <b>relaxed</b> when <b>P</b> <sub>Tx</sub> > <b>P</b> <sub>SCH1_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 2 A.2/2, A.4/2 Initial conditions		
Test objective Reference PICS Selection CCH = Status irreleval SCH1 = Relaxed	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH1 in state relaxed when P <sub>Tx</sub> > P <sub>SCH1_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 2 A.2/2, A.4/2 Initial conditions nt		
Test objective Reference PICS Selection CCH = Status irreleval SCH1 = Relaxed SCH2 = Status irreleval	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH1 in state relaxed when P <sub>Tx</sub> > P <sub>SCH1_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 2 A.2/2, A.4/2 Initial conditions nt		
Test objective Reference PICS Selection CCH = Status irreleval SCH1 = Relaxed SCH2 = Status irreleval P <sub>SCH1_rel</sub> = PICS A.5/4	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH1 in state relaxed when P <sub>Tx</sub> > P <sub>SCH1_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 2 A.2/2, A.4/2 Initial conditions nt		
Test objective Reference PICS Selection CCH = Status irreleval SCH1 = Relaxed SCH2 = Status irreleval PSCH1_rel = PICS A.5/4 PTx = PIXIT_PTx	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH1 in state relaxed when P <sub>Tx</sub> > P <sub>SCH1_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 2 A.2/2, A.4/2 Initial conditions nt		
Test objective Reference PICS Selection CCH = Status irreleval SCH1 = Relaxed SCH2 = Status irreleval P <sub>SCH1_rel</sub> = PICS A.5/4	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH1 in state relaxed when P <sub>Tx</sub> > P <sub>scH1_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 2 A.2/2, A.4/2 Initial conditions nt ant		
Test objective Reference PICS Selection CCH = Status irreleval SCH1 = Relaxed SCH2 = Status irreleval P <sub>SCH1_rel</sub> = PICS A.5/4 P <sub>Tx</sub> = PIXIT_P <sub>Tx</sub> P <sub>Tx</sub> < P <sub>SCH1_rel</sub>	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH1 in state relaxed when P <sub>Tx</sub> > P <sub>scH1_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 2 A.2/2, A.4/2 Initial conditions nt ant Expected behaviour		
Test objective         Reference         PICS Selection         CCH = Status irreleval         SCH1 = Relaxed         SCH2 = Status irreleval         SCH2 = Status irreleval         SCH2 = Status irreleval         PSCH1_rel = PICS A.5/4         PTx < PSCH1_rel	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH1 in state relaxed when P <sub>Tx</sub> > P <sub>scH1_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 2 A.2/2, A.4/2 Initial conditions nt ant		
Test objective Reference PICS Selection CCH = Status irreleval SCH1 = Relaxed SCH2 = Status irreleval SCH2 = Status irreleval P <sub>SCH1_rel</sub> = PICS A.5/4 P <sub>Tx</sub> = PIXIT_P <sub>Tx</sub> P <sub>Tx</sub> < P <sub>SCH1_rel</sub> Ensure that the IUT, w on receipt of IN_R	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH1 in state         relaxed when P <sub>Tx</sub> > P <sub>SCH1_rel</sub> and can report this power reduction to the upper layer         5.4.3.2, table 2         A.2/2, A.4/2         Initial conditions         nt         ant         Expected behaviour         tith SCH1 in the relaxed state,         Request ASPs at a rate of VAL_Message_Interval, each		
Test objective Reference PICS Selection CCH = Status irreleval SCH1 = Relaxed SCH2 = Status irreleval SCH2 = Status irreleval P <sub>SCH1_rel</sub> = PICS A.5/4 P <sub>Tx</sub> = PIXIT_P <sub>Tx</sub> P <sub>Tx</sub> < P <sub>SCH1_rel</sub> Ensure that the IUT, w on receipt of IN_R	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH1 in state         relaxed when P <sub>Tx</sub> > P <sub>SCH1_rel</sub> and can report this power reduction to the upper layer         5.4.3.2, table 2         A.2/2, A.4/2         Initial conditions         nt         ant         Expected behaviour         tith SCH1 in the relaxed state,         Request ASPs at a rate of VAL_Message_Interval, each         upload and indicating		
Test objective         Reference         PICS Selection         CCH = Status irreleval         SCH1 = Relaxed         SCH2 = Status irreleval         SCH2 = Status irreleval         SCH2 = Status irreleval         PSCH1_rel = PICS A.5/4         PTx = PIXIT_PTx       PTx < PSCH1_rel	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH1 in state         relaxed when P <sub>Tx</sub> > P <sub>SCH1_rel</sub> and can report this power reduction to the upper layer         5.4.3.2, table 2         A.2/2, A.4/2         Initial conditions         nt         ant         Expected behaviour         tith SCH1 in the relaxed state,         Request ASPs at a rate of VAL_Message_Interval, each         upload and indicating         P,		
Test objective         Reference         PICS Selection         CCH = Status irreleval         SCH1 = Relaxed         SCH2 = Status irreleval         SCH2 = Status irreleval         SCH2 = Status irreleval         PSCH1_rel = PICS A.5/4         PTx < PIXIT_PTx	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH1 in state         relaxed when P <sub>Tx</sub> > P <sub>SCH1_rel</sub> and can report this power reduction to the upper layer         5.4.3.2, table 2         A.2/2, A.4/2         Initial conditions         nt         ant         Expected behaviour         tith SCH1 in the relaxed state,         Request ASPs at a rate of VAL_Message_Interval, each         yload and indicating         P,         x > P <sub>SCH1_rel</sub> ,		
Test objective         Reference         PICS Selection         CCH = Status irreleval         SCH1 = Relaxed         SCH2 = Status irreleval         SCH2 = Status irreleval         SCH2 = Status irreleval         PSCH1_rel = PICS A.5/4         PTx = PIXIT_PTx         PTx < PSCH1_rel	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH1 in state         relaxed when P <sub>Tx</sub> > P <sub>SCH1_rel</sub> and can report this power reduction to the upper layer         5.4.3.2, table 2         A.2/2, A.4/2         Initial conditions         nt         ant         Expected behaviour         tith SCH1 in the relaxed state,         equest ASPs at a rate of VAL_Message_Interval, each         yload and indicating         P,       x         x       > P <sub>SCH1_rel</sub> ,         hes on the SCH1		
Test objective         Reference         PICS Selection         CCH = Status irreleval         SCH1 = Relaxed         SCH2 = Status irreleval         SCH2 = Status irreleval         SCH2 = Status irreleval         PSCH1_rel = PICS A.5/4         PTx = PIXIT_PTx         PTx < PSCH1_rel	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH1 in state relaxed when P <sub>Tx</sub> > P <sub>SCH1_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 2 A.2/2 A.2/2 Initial conditions nt ant Expected behaviour ith SCH1 in the relaxed state, Request ASPs at a rate of VAL_Message_Interval, each yload and indicating , x > P <sub>SCH1_rel</sub> , nes on the SCH1 <sub>1_rel</sub> and		
Test objective         Reference         PICS Selection         CCH = Status irreleval         SCH1 = Relaxed         SCH2 = Status irreleval         SCH2 = Status irreleval         SCH2 = Status irreleval         SCH2 = Status irreleval         SCH1 = Relaxed         SCH2 = Status irreleval         PIXIT_PTx         PTx < PIXIT_PTx	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH1 in state         relaxed when P <sub>Tx</sub> > P <sub>SCH1_rel</sub> and can report this power reduction to the upper layer         5.4.3.2, table 2         A.2/2, A.4/2         Initial conditions         nt         ant         Expected behaviour         tith SCH1 in the relaxed state,         equest ASPs at a rate of VAL_Message_Interval, each         yload and indicating         P,       x         x       PSCH1_rel,         https://doi.org/1000000000000000000000000000000000000		
Test objective         Reference         PICS Selection         CCH = Status irreleval         SCH1 = Relaxed         SCH2 = Status irreleval         SCH2 = Status irreleval         SCH2 = Status irreleval         SCH2 = Status irreleval         SCH1 = Relaxed         SCH2 = Status irreleval         PIXIT_PTx         PTx < PIXIT_PTx	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH1 in state relaxed when P <sub>Tx</sub> > P <sub>SCH1_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 2 A.2/2, A.4/2 Initial conditions nt ant Expected behaviour with SCH1 in the relaxed state, Request ASPs at a rate of VAL_Message_Interval, each iyload and indicating P, x > P <sub>SCH1_rel</sub> , hes on the SCH1 1_rel, and D_IN IN_Status ASPs indicating		
Test objective         Reference         PICS Selection         CCH = Status irreleval         SCH1 = Relaxed         SCH2 = Status irreleval         SCH1 = Relaxed         SCH2 = Status irreleval         PICS A.5/4         PTx = PIXIT_PTx         PTx < PSCH1_rel	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH1 in state relaxed when P <sub>Tx</sub> > P <sub>SCH1_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 2 A.2/2, A.4/2 Initial conditions nt ant Expected behaviour tith SCH1 in the relaxed state, tequest ASPs at a rate of VAL_Message_Interval, each iyload and indicating P, x > P <sub>SCH1_rel</sub> , hes on the SCH1 1_rel, and D_IN IN_Status ASPs indicating 1,		
Test objective         Reference         PICS Selection         CCH = Status irreleval         SCH1 = Relaxed         SCH1 = PICS A.5/4         PTx = PIXIT_PTx         PTx < PSCH1_rel	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH1 in state relaxed when P <sub>Tx</sub> > P <sub>SCH1_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 2 A.2/2, A.4/2 Initial conditions nt ant Expected behaviour ith SCH1 in the relaxed state, Request ASPs at a rate of VAL_Message_Interval, each iyload and indicating P, x > P <sub>SCH1_rel</sub> , nes on the SCH1 1_rel and D_IN IN_Status ASPs indicating 1, smission,		

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TP ld	TP MTS SCH1 03	
Test objective	Verify that the multiple transceivers IUT can report unsuccessful sending of frames on the <b>SCH1 in state relaxed</b> when the request frame rate is higher than the maximum allowed	
	VAL_Message_Interval.	
Reference	5.4.3.2, table 2	
PICS Selection	A.2/2, A.4/2	
	Initial conditions	
CCH = Status irreleva	nt	
SCH1 = Relaxed		
SCH2 = Status irrelevent	ant	
	Expected behaviour	
	vith SCH1 in the relaxed state,	
on receipt of IN_F	on receipt of IN_Request ASPs at a rate higher than the maximum allowed VAL_Message_Interval, each	
	containing a payload and indicating	
DP# = VAL_DI		
$P_{Tx} = acceptab$		
transmits frames		
$T_{off} = VAL_T_{off}$		
and drops the ren		
	D_IN IN_Status ASPs for the transmitted frames indicating	
	channel = SCH1,	
	successful transmission	
	PCO_IN IN_Status ASPs for the dropped frames indicating	
unsuccessful transmission.		

# Table 22: DP#, message interval and $T_{\rm off}$ values for TP\_MTS\_SCH1\_01, TP\_MTS\_SCH1\_02 and TP\_MTS\_SCH1\_03

VAL_DP	VAL_Message_Interval [Hz]	VAL_T <sub>off</sub> [ms]
DP9	10	> 100
DP10	10	> 100
DP11	10	> 100
DP12	2	> 500
DP13	1	> 1 000
DP14	0,2	> 5 000
DP15	0,1	> 10 000
DP16	0,1	> 10 000
NOTE: The tests have to	be repeated for all value cor	nbinations.

TP Id	TP_MTS_SCH1_04	
Test objective	Verify that the multiple transceivers IUT drops frames with <b>priority values above DP16</b> on the <b>SCH1 in state relaxed</b> .	
Reference	5.4.3.2, table 2	
PICS Selection	A.2/2, A.4/2	
	Initial conditions	
CCH = Status irreleva	ant	
SCH1 = Relaxed		
SCH2 = Status irrelev	<i>r</i> ant	
	Expected behaviour	
Ensure that the IUT, with SCH1 in the relaxed state,		
on receipt of an I	N_Request ASP,	
containing a pa	ayload and indicating	
DP# in the ran	ge between <b>17 and 32</b> ,	
drops the frame a	and does <b>not transmit</b> it,	
sends on the PCC	sends on the PCO_IN an IN_Status ASP indicating	
unsuccessful transmission.		

TP ld	TP_MTS_SCH1_05	
Test objective	Verify that the multiple transceiver IUT can correctly send frames with priority VAL_DP at a rate	
-	of VAL_Message_Interval on the SCH1 in state active when PTx < P <sub>SCH1_act</sub> .	
Reference	5.4.3.2, table 2	
PICS Selection	A.2/2, A.4/2	
	Initial conditions	
CCH = Status irrelevan	t	
SCH1 = Active		
SCH2 = Status irreleva	nt	
$P_{SCH1_act} = PICS A.5/5$		
$P_{Tx} = PIXIT_P_{Tx}$		
P <sub>Tx</sub> < P <sub>SCH1_act</sub>	<b>-</b>	
	Expected behaviour	
,	th SCH1 in the active state,	
-	equest ASPs at a rate of VAL_Message_Interval, each	
	/load and indicating	
DP# = VAL_DP	,	
$P_{Tx} = PIXIT_P_{Tx}$		
transmits the frame		
with $P_{Tx} = PIXIT$	_PTx and	
$T_{off} = VAL_T_{off}$	IN IN Statue ASDe indicating	
channel = SCH1	_IN IN_Status ASPs indicating	
successful trans		
achieved $P_{Tx} = I$	,	
	PIXIT_ $P_{Tx}$ has to be chosen based on the value for $P_{SCH1_act}$ given in PICS A.5/5.	

#### 5.2.2.2.2 SCH1 in the active channel state

TP ld	TP_MTS_SCH1_06
Test objective	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH1 in state
	active when P <sub>Tx</sub> > P <sub>SCH1_act</sub> and can report this power reduction to the upper layer
Reference	5.4.3.2, table 2
PICS Selection	A.2/2, A.4/2
	Initial conditions
CCH = Status irrelevar	nt
SCH1 = Active	
SCH2 = Status irreleva	ant
P <sub>Sch1_act</sub> = PICS A.5/5	
$P_{Tx} = PIXIT_P_{Tx}$	
P <sub>Tx</sub> < P <sub>SCH1_act</sub>	
	Expected behaviour
,	ith SCH1 in the active state,
	equest ASPs at a rate of VAL_Message_Interval, each
	yload and indicating
DP# = VAL_DF	
$P_{Tx} = PIXIT_P_T$	
transmits the fram	
with $P_{Tx} = P_{SCH1}$	I_act and
$T_{off} = VAL_T_{off}$	
sends on the PCO	_IN IN_Status ASPs indicating
channel = SCH	
successful trans	
achieved P <sub>Tx</sub> =	
Comments	PIXIT_P <sub>Tx</sub> has to be chosen based on the value for P <sub>SCH1_rel</sub> given in PICS A.5/5.

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TP ld	TP_MTS_SCH1_07	
Test objective	Verify that the multiple transceivers IUT can report unsuccessful sending of frames on the	
	SCH1 in state active when the request frame rate is higher than the maximum allowed	
	VAL_Message_Interval.	
Reference	5.4.3.2, table 2	
PICS Selection	A.2/2, A.4/2	
	Initial conditions	
CCH = Status irreleva	nt	
SCH1 = Active		
SCH2 = Status irrelev	ant	
	Expected behaviour	
	vith SCH1 in the active state,	
on receipt of IN_F	on receipt of IN_Request ASPs at a rate higher than the maximum allowed VAL_Message_Interval, each	
	containing a payload and indicating	
DP# = VAL_DI	2	
$P_{Tx} = acceptab$		
transmits frames		
$T_{off} = VAL_T_{off}$		
and drops the remaining frames		
	D_IN IN_Status ASPs for the transmitted frames indicating	
	channel = SCH1,	
successful tran		
	PCO_IN IN_Status ASPs for the dropped frames indicating	
unsuccessful transmission.		

# Table 23: DP#, message interval and $T_{\rm off}$ values for TP\_MTS\_SCH1\_05, TP\_MTS\_SCH1\_06 and TP\_MTS\_SCH1\_07

VAL_DP	VAL_Message_Interval [Hz]	VAL_T <sub>off</sub> [ms]
DP9	5	> 200
DP10	5	> 200
DP11	2	> 500
NOTE: The tests have to	b be repeated for all value cor	mbinations.

TP ld	TP_MTS_SCH1_08		
Test objective	Verify that the multiple transceivers IUT drops frames with priority values above DP11 on the		
	SCH1 in state active.		
Reference	5.4.3.2, table 2		
PICS Selection	A.2/2, A.4/2		
	Initial conditions		
CCH = Status irreleva	ant		
SCH1 = Active			
SCH2 = Status irrelev	/ant		
	Expected behaviour		
Ensure that the IUT, v	Ensure that the IUT, with SCH1 in state active,		
on receipt of an I	N_Request ASP,		
containing a p	ayload and indicating		
DP# in the ran	ige between <b>12 and 32</b> ,		
drops the frame a	and does <b>not transmit</b> it,		
sends on the PCC	sends on the PCO_IN an IN_Status ASP indicating		
unsuccessful transmission.			

TP Id	TP_MTS_SCH1_09
Test objective	Verify that the multiple transceiver IUT can correctly send frames with priority VAL_DP at a rate
	of VAL_Message_Interval on the SCH1 in state restrictive when P <sub>Tx</sub> < P <sub>SCH1_res</sub> .
Reference	5.4.3.2, table 2
PICS Selection	A.2/2, A.4/2
	Initial conditions
CCH = Status irrelevar	nt
SCH1 = Restrictive	
SCH2 = Status irreleva	ant
P <sub>SCH1_res</sub> = PICS A.5/6	
$P_{Tx} = PIXIT_P_{Tx}$	
P <sub>Tx</sub> < P <sub>SCH1_res</sub>	
	Expected behaviour
Ensure that the IUT, w	ith SCH1 in the restrictive state,
on receipt of IN_R	Request ASPs at a rate of VAL_Message_Interval, each
containing a pa	yload and indicating
DP# = VAL_DF	),
$P_{Tx} = PIXIT_P_T$	x < P <sub>SCH1_res</sub> ,
transmits the fram	ies on the SCH1
with $P_{Tx} = PIXIT$	$\Gamma_{\rm PTx}$ and
$T_{off} = VAL_T_{off}$	
sends on the PCO	_IN IN_Status ASPs indicating
channel = SCH	1,
successful trans	smission,
achieved P <sub>Tx</sub> =	PIXIT_P <sub>Tx</sub> .
Comments	PIXIT_ $P_{Tx}$ has to be chosen based on the value for $P_{SCH1_{res}}$ given in PICS A.5/6.

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#### 5.2.2.3 SCH1 in the restrictive channel state

TP ld	TP_MTS_SCH1_10
Test objective	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH1 in state
-	restrictive when P <sub>Tx</sub> > P <sub>SCH1_res</sub> and can report this power reduction to the upper layer
Reference	5.4.3.2, table 2
PICS Selection	A.2/2, A.4/2
	Initial conditions
CCH = Status irreleva	ant
SCH1 = Restrictive	
SCH2 = Status irrelev	rant Contraction of the second s
P <sub>Sch1_res</sub> = PICS A.5/6	
$P_{Tx} = PIXIT_P_{Tx}$	
PTx < PSCH1_res	
	Expected behaviour
Ensure that the IUT, w	vith SCH1 in the restrictive state,
on receipt of IN_I	Request ASPs at a rate of VAL_Message_Interval, each
containing a pa	ayload and indicating
DP# = <b>VAL_D</b>	
$P_{Tx} = PIXIT_P$	
transmits the frar	
with P <sub>Tx</sub> = P <sub>SCF</sub>	
$T_{off} = VAL_T_{off}$	
	D_IN IN_Status ASPs indicating
channel = SCH	
successful tran	
achieved P <sub>Tx</sub> =	
Comments	PIXIT_ $P_{Tx}$ has to be chosen based on the value for $P_{SCH1_{rel}}$ given in PICS A.5/6.

TP Id	TP_MTS_SCH1_11
Test objective	Verify that the multiple transceivers IUT can report unsuccessful sending of frames on the
	SCH1 in state restrictive when the request frame rate is higher than the maximum allowed
	VAL_Message_Interval.
Reference	5.4.3.2, table 2
PICS Selection	A.2/2, A.4/2
	Initial conditions
CCH = Status irrelevar	nt
SCH1 = Restrictive	
SCH2 = Status irreleva	ant
	Expected behaviour
Ensure that the IUT, w	ith SCH1 in the restrictive state,
on receipt of IN_R	equest ASPs at a rate higher than the maximum allowed VAL_Message_Interval, each
containing a pa	yload and indicating
DP# = VAL_DP	)
P <sub>Tx</sub> = acceptabl	$e P_{Tx}$ value,
transmits frames of	on the SCH1 with
$T_{off} = VAL_T_{off}$	
and drops the rem	naining frames
sends on the PCO	_IN IN_Status ASPs for the transmitted frames indicating
channel = SCH	1,
successful trans	smission
and sends on the	PCO_IN IN_Status ASPs for the dropped frames indicating
unsuccessful tra	ansmission.

# Table 24: DP#, message interval and $T_{\rm off}$ values for TP\_MTS\_SCH1\_09, TP\_MTS\_SCH1\_10 and TP\_MTS\_SCH1\_11

VAL_DP	VAL_Message_Interval [Hz]	VAL_T <sub>off</sub> [ms]
DP9	4	> 250
DP10	4	> 250
NOTE: The tests have	to be repeated for all value cor	mbinations.

TP Id	TP_MTS_SCH1_12
Test objective	Verify that the multiple transceivers IUT drops frames with priority values above DP10 on the
	SCH1 in state restrictive.
Reference	5.4.3.2, table 2
PICS Selection	A.2/2, A.4/2
	Initial conditions
CCH = Status irreleva	ant
SCH1 = Restrictive	
SCH2 = Status irrelev	/ant
	Expected behaviour
Ensure that the IUT,	with SCH1 in state restrictive,
on receipt of an I	N_Request ASP,
containing a p	ayload and indicating
DP# in the ran	ige between 11 and 32,
drops the frame a	and does <b>not transmit</b> it,
sends on the PC	D_IN an IN_Status ASP indicating
unsuccessful	ransmission.

### 5.2.2.3 SCH2 related tests

#### 5.2.2.3.1 SCH2 in the relaxed channel state

	TP_MTS_SCH2_01
TP Id Test objective	Verify that the multiple transceiver IUT can correctly send frames with priority VAL_DP at a rate
	of VAL_Message_Interval on the SCH2 in state relaxed when $P_{Tx} < P_{SCH2 rel}$ .
Reference	5.4.3.2, table 3
PICS Selection	A.2/2, A.4/3
	Initial conditions
CCH = Status irrelevar	
SCH1 = Restrictive	
SCH2 = Relaxed	
P <sub>SCH2</sub> rel = PICS A.5/7	
$P_{Tx} = PIXIT_P_{Tx}$	
P <sub>Tx</sub> < P <sub>SCH2_rel</sub>	
	Expected behaviour
Ensure that the IUT, w	th SCH2 in the relaxed state,
	equest ASPs at a rate of VAL_Message_Interval, each
containing a pa	yload and indicating
DP# = VAL_DP	
$P_{Tx} = PIXIT_P_T$	$_{\rm C}$ < P <sub>SCH2_rel</sub> ,
transmits the fram	es on the SCH2
with $P_{Tx} = PIXIT$	-P <sub>Tx</sub> and
$T_{off} = VAL_T_{off}$	
sends on the PCO	_IN IN_Status ASPs indicating
channel = SCH	2,
successful trans	
achieved $P_{Tx} =$	
Comments	PIXIT_P <sub>Tx</sub> has to be chosen based on the value for P <sub>SCH2_rel</sub> given in PICS A.5/7.
TP Id	TP_MTS_SCH2_02
TP Id Test objective	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH2 in state
Test objective	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH2 in state relaxed when $P_{Tx} > P_{SCH2\_rel}$ and can report this power reduction to the upper layer
Test objective Reference	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH2 in state relaxed when $P_{Tx} > P_{SCH2\_rel}$ and can report this power reduction to the upper layer 5.4.3.2, table 3
Test objective	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH2 in state relaxed when $P_{Tx} > P_{SCH2\_rel}$ and can report this power reduction to the upper layer 5.4.3.2, table 3 A.2/2, A.4/3
Test objective Reference PICS Selection	Verify that the multiple transceiver IUT can reduce the transmit power on the <b>SCH2 in state</b> <b>relaxed</b> when <b>P</b> <sub>Tx</sub> > <b>P</b> <sub>SCH2_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 3 A.2/2, A.4/3 Initial conditions
Test objective Reference PICS Selection CCH = Status irrelevar	Verify that the multiple transceiver IUT can reduce the transmit power on the <b>SCH2 in state</b> <b>relaxed</b> when <b>P</b> <sub>Tx</sub> > <b>P</b> <sub>SCH2_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 3 A.2/2, A.4/3 Initial conditions
Test objective Reference PICS Selection CCH = Status irrelevar SCH1 = Restrictive	Verify that the multiple transceiver IUT can reduce the transmit power on the <b>SCH2 in state</b> <b>relaxed</b> when <b>P</b> <sub>Tx</sub> > <b>P</b> <sub>SCH2_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 3 A.2/2, A.4/3 Initial conditions
Test objective Reference PICS Selection CCH = Status irrelevar SCH1 = Restrictive SCH2 = Relaxed	Verify that the multiple transceiver IUT can reduce the transmit power on the <b>SCH2 in state</b> <b>relaxed</b> when <b>P</b> <sub>Tx</sub> > <b>P</b> <sub>SCH2_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 3 A.2/2, A.4/3 Initial conditions
Test objective Reference PICS Selection CCH = Status irrelevar SCH1 = Restrictive SCH2 = Relaxed P <sub>SCH1_rel</sub> = PICS A.5/7	Verify that the multiple transceiver IUT can reduce the transmit power on the <b>SCH2 in state</b> <b>relaxed</b> when <b>P</b> <sub>Tx</sub> > <b>P</b> <sub>SCH2_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 3 A.2/2, A.4/3 Initial conditions
Test objective Reference PICS Selection CCH = Status irrelevar SCH1 = Restrictive SCH2 = Relaxed P <sub>SCH1_rel</sub> = PICS A.5/7 P <sub>Tx</sub> = PIXIT_P <sub>Tx</sub>	Verify that the multiple transceiver IUT can reduce the transmit power on the <b>SCH2 in state</b> <b>relaxed</b> when <b>P</b> <sub>Tx</sub> > <b>P</b> <sub>SCH2_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 3 A.2/2, A.4/3 Initial conditions
Test objective Reference PICS Selection CCH = Status irrelevar SCH1 = Restrictive SCH2 = Relaxed P <sub>SCH1_rel</sub> = PICS A.5/7	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH2 in state relaxed when P <sub>Tx</sub> > P <sub>SCH2_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 3 A.2/2, A.4/3 Initial conditions It
Test objective Reference PICS Selection CCH = Status irrelevar SCH1 = Restrictive SCH2 = Relaxed P <sub>SCH1_rel</sub> = PICS A.5/7 P <sub>Tx</sub> = PIXIT_P <sub>Tx</sub> P <sub>Tx</sub> < P <sub>SCH2_rel</sub>	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH2 in state relaxed when P <sub>Tx</sub> > P <sub>SCH2_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 3 A.2/2, A.4/3 Initial conditions Initial conditions It Expected behaviour
Test objective         Reference         PICS Selection         CCH = Status irrelevar         SCH1 = Restrictive         SCH2 = Relaxed         PSCH1_rel = PICS A.5/7         PTx = PIXIT_PTx         PTx < P <sub>SCH2_rel</sub> Ensure that the IUT, with the IUT,	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH2 in state relaxed when P <sub>Tx</sub> > P <sub>SCH2_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 3 A.2/2, A.4/3 Initial conditions It Expected behaviour Th SCH2 in the relaxed state,
Test objective         Reference         PICS Selection         CCH = Status irrelevar         SCH1 = Restrictive         SCH2 = Relaxed $P_{SCH1\_rel} = PICS A.5/7$ $P_{Tx} = PIXIT\_P_{Tx}$ $P_{Tx} < P_{SCH2\_rel}$ Ensure that the IUT, with the IUT, wi	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH2 in state         relaxed when P <sub>Tx</sub> > P <sub>SCH2_rel</sub> and can report this power reduction to the upper layer         5.4.3.2, table 3         A.2/2, A.4/3         Initial conditions         th         Expected behaviour         th SCH2 in the relaxed state,         equest ASPs at a rate of VAL_Message_Interval, each
Test objective         Reference         PICS Selection         CCH = Status irrelevar         SCH1 = Restrictive         SCH2 = Relaxed         PSCH1_rel = PICS A.5/7         PTx = PIXIT_PTx         PTx < PSCH2_rel	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH2 in state         relaxed when P <sub>Tx</sub> > P <sub>SCH2_rel</sub> and can report this power reduction to the upper layer         5.4.3.2, table 3         A.2/2, A.4/3         Initial conditions         th         Expected behaviour         th SCH2 in the relaxed state,         equest ASPs at a rate of VAL_Message_Interval, each         yload and indicating
Test objective         Reference         PICS Selection         CCH = Status irrelevar         SCH1 = Restrictive         SCH2 = Relaxed         PSCH1_rel = PICS A.5/7         PTx = PIXIT_PTx         PTx < PSCH2_rel	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH2 in state relaxed when P <sub>Tx</sub> > P <sub>SCH2_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 3 A.2/2, A.4/3 Initial conditions It Expected behaviour Th SCH2 in the relaxed state, equest ASPs at a rate of VAL_Message_Interval, each yload and indicating ,
Test objective         Reference         PICS Selection         CCH = Status irrelevar         SCH1 = Restrictive         SCH2 = Relaxed         PSCH1_rel = PICS A.5/7         PTx = PIXIT_PTx         PTx < PSCH2_rel	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH2 in state relaxed when P <sub>Tx</sub> > P <sub>SCH2_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 3 A.2/2, A.4/3 Initial conditions Initial conditions It Expected behaviour Ith SCH2 in the relaxed state, equest ASPs at a rate of VAL_Message_Interval, each yload and indicating P, SPSCH2_rel,
Test objective         Reference         PICS Selection         CCH = Status irrelevar         SCH1 = Restrictive         SCH2 = Relaxed         PSCH1_rel = PICS A.5/7         PTx = PIXIT_PTx         PTx < PSCH2_rel	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH2 in state relaxed when P <sub>Tx</sub> > P <sub>SCH2_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 3 A.2/2, A.4/3 Initial conditions Initial conditions It Expected behaviour Ith SCH2 in the relaxed state, equest ASPs at a rate of VAL_Message_Interval, each yload and indicating ,
Test objective         Reference         PICS Selection         CCH = Status irrelevar         SCH1 = Restrictive         SCH2 = Relaxed         PSCH1_rel = PICS A.5/7         PTx = PIXIT_PTx         PTx < PSCH2_rel	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH2 in state relaxed when P <sub>Tx</sub> > P <sub>SCH2_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 3 A.2/2, A.4/3 Initial conditions Initial conditions It Expected behaviour Ith SCH2 in the relaxed state, equest ASPs at a rate of VAL_Message_Interval, each yload and indicating ,
Test objective         Reference         PICS Selection         CCH = Status irrelevar         SCH1 = Restrictive         SCH2 = Relaxed         PSCH1_rel = PICS A.5/7         PTx = PIXIT_PTx         PTx < PSCH2_rel	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH2 in state relaxed when P <sub>Tx</sub> > P <sub>SCH2_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 3 A.2/2, A.4/3 Initial conditions It Expected behaviour It SCH2 in the relaxed state, equest ASPs at a rate of VAL_Message_Interval, each yload and indicating ,
Test objective         Reference         PICS Selection         CCH = Status irrelevar         SCH1 = Restrictive         SCH2 = Relaxed         PSCH1_rel = PICS A.5/7         PTx = PIXIT_PTx         PTx < PSCH2_rel	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH2 in state relaxed when P <sub>Tx</sub> > P <sub>SCH2_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 3 A.2/2, A.4/3 Initial conditions It Expected behaviour It SCH2 in the relaxed state, equest ASPs at a rate of VAL_Message_Interval, each yload and indicating ',
Test objective         Reference         PICS Selection         CCH = Status irrelevar         SCH1 = Restrictive         SCH2 = Relaxed         PSCH1_rel = PICS A.5/7         PTx = PIXIT_PTx         PTx < PSCH2_rel	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH2 in state relaxed when P <sub>Tx</sub> > P <sub>SCH2_rel</sub> and can report this power reduction to the upper layer 5.4.3.2, table 3 A.2/2, A.4/3 Initial conditions It Expected behaviour It SCH2 in the relaxed state, equest ASPs at a rate of VAL_Message_Interval, each yload and indicating , > P <sub>SCH2_rel</sub> , es on the SCH2 _rel and _IN IN_Status ASPs indicating 2,
Test objective         Reference         PICS Selection         CCH = Status irrelevar         SCH1 = Restrictive         SCH2 = Relaxed         PSCH1_rel = PICS A.5/7         PTx = PIXIT_PTx         PTx < PSCH2_rel	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH2 in state relaxed when PTx > PSCH2_rel and can report this power reduction to the upper layer 5.4.3.2, table 3 A.2/2, A.4/3 Initial conditions Initial conditio

TP ld	TP_MTS_SCH2_03
Test objective	Verify that the multiple transceivers IUT can report unsuccessful sending of frames on the <b>SCH2 in state relaxed</b> when the request frame rate is higher than the maximum allowed
	VAL_Message_Interval.
Reference	5.4.3.2, table 2
PICS Selection	A.2/2, A.4/3
	Initial conditions
CCH = Status irreleva	nt
SCH1 = Restrictive	
SCH2 = Relaxed	
	Expected behaviour
on receipt of IN_F	vith SCH2 in the relaxed state, Request ASPs at a rate higher than the maximum allowed VAL_Message_Interval, each ayload and indicating P
P <sub>Tx</sub> = acceptab transmits frames T <sub>off</sub> = VAL T <sub>off</sub>	on the SCH2 with
and drops the ren	naining frames
sends on the PCC channel = SCH successful tran	,
and sends on the unsuccessful to	PCO_IN IN_Status ASPs for the dropped frames indicating ransmission.

# Table 25: DP#, message interval and $T_{\rm off}$ values for TP\_MTS\_SCH2\_01, TP\_MTS\_SCH2\_02 and TP\_MTS\_SCH2\_03

VAL_DP	VAL_Message_Interval [Hz]	VAL_T <sub>off</sub> [ms]	
DP11 (see note)	0,2	> 5 000	
DP12	0,2	> 5 000	
DP13	0,2	> 5 000	
DP14	0,1	> 10 000	
DP15	0,05	> 20 000	
DP16	0,05	> 20 000	
NOTE 1: The tests have to be repeated for all value combinations.			
NOTE 2: For values DP12	DTE 2: For values DP12 through to DP16 the SCH1 channel state active will		
deliver equivalent results.			

TP ld	TP_MTS_SCH2_04
Test objective	Verify that the multiple transceivers IUT drops frames with priority values above DP16 on the
-	SCH2 in state relaxed.
Reference	5.4.3.2, table 3
PICS Selection	A.2/2, A.4/3
	Initial conditions
CCH = Status irreleva	int
SCH1 = Restrictive	
SCH2 = Relaxed	
	Expected behaviour
Ensure that the IUT, v	vith SCH2 in the relaxed state,
on receipt of an II	N_Request ASP,
containing a pa	ayload and indicating
DP# in the ran	ge between <b>17 and 32</b> ,
drops the frame a	nd does <b>not transmit</b> it,
sends on the PCC	D_IN an IN_Status ASP indicating
unsuccessful t	ransmission.

TP Id	TP_MTS_SCH2_05
Test objective	Verify that the multiple transceivers IUT can correctly send frames with priority DP11 at a rate of
-	0,1 Hz on the SCH2 in state active when P <sub>Tx</sub> < P <sub>SCH2_act</sub> .
Reference	5.4.3.2, table 3
PICS Selection	A.2/2, A.4/3
	Initial conditions
CCH = Status irreleva	ant
SCH1 = Restrictive	
SCH2 = Active	
P <sub>SCH2_act</sub> = PICS A.5/	3
$P_{Tx} = PIXIT_P_{Tx}$	
P <sub>Tx</sub> < P <sub>SCH2_act</sub>	
	Expected behaviour
	with SCH2 in the active state,
	Request ASPs at a rate of <b>0,1 Hz</b> , each
	ayload and indicating
DP# = <b>DP11</b> ,	
$P_{Tx} = PIXIT_P$	
transmits the fram	
with $P_{Tx} = PIX$	IT_P <sub>Tx</sub> and
T <sub>off</sub> > <b>10 s</b>	
	O_IN IN_Status ASPs indicating
channel = SCI	
successful tra	
achieved P <sub>Tx</sub> =	
Comments	PIXIT_ $P_{Tx}$ has to be chosen based on the value for $P_{SCH2,act}$ given in PICS A.5/8.

#### 5.2.2.3.2 SCH2 in the active channel state

TP ld	TP_MTS_SCH2_06
Test objective	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH2 in state
-	active when $P_{Tx} > P_{SCH2_{act}}$ and can report this power reduction to the upper layer
Reference	5.4.3.2, table 3
PICS Selection	A.2/2, A.4/3
	Initial conditions
CCH = Status irreleva	nt
SCH1 = Restrictive	
SCH2 = Active	
P <sub>SCH1_act</sub> = PICS A.5/7	,
$P_{Tx} = PIXIT_P_{Tx}$	
PTx < PSCH2_act	
	Expected behaviour
	vith SCH2 in the active state,
on receipt of IN_F	Request ASPs at a rate of <b>0,1 Hz</b> each
	ayload and indicating
DP# = <b>DP11</b> ,	
$P_{Tx} = PIXIT_P_{Tx}$	
transmits the fran	
with $P_{Tx} = P_{SCH}$	<sub>12_act</sub> and
T <sub>off</sub> > <b>10 s</b>	
	D_IN IN_Status ASPs indicating
channel = SCH	•
successful tran	,
achieved P <sub>Tx</sub> =	
Comments	PIXIT_ $P_{Tx}$ has to be chosen based on the value for $P_{SCH2_{act}}$ given in PICS A.5/8.

TP ld	TP_MTS_SCH2_07
Test objective	Verify that the multiple transceiver IUT can report unsuccessful sending of frames on the SCH2 in state active when the request frame rate is higher than the maximum allowed message interval of 0,1 Hz.
Reference	5.4.3.2, table 2
PICS Selection	A.2/2, A.4/3
	Initial conditions
CCH = Status irreleva SCH1 = Restrictive SCH2 = Active	ant
	Expected behaviour
on receipt of IN_l containing a p. DP# = DP11 $P_{Tx}$ = acceptat transmits frames $T_{off}$ = 10 s and drops the rer sends on the PCC channel = SCF successful tran	on the SCH2 with maining frames D_IN IN_Status ASPs for the transmitted frames indicating H2, Insmission PCO_IN IN_Status ASPs for the dropped frames indicating

TP ld	TP_MTS_SCH2_08				
Test objective	Verify that the multiple transceivers IUT drops frames with priority values above DP11 on the				
	SCH2 in state active.				
Reference	5.4.3.2, table 3				
PICS Selection	A.2/2, A.4/3				
	Initial conditions				
CCH = Status irreleva	ant				
SCH1 = Restrictive					
SCH2 = Active					
	Expected behaviour				
Ensure that the IUT, v	Ensure that the IUT, with SCH1 in the active state,				
on receipt of an I	N_Request ASP,				
containing a payload and indicating					
DP# in the range between 12 and 32,					
drops the frame and does not transmit it,					
sends on the PCO_IN an IN_Status ASP indicating					
unsuccessful t	unsuccessful transmission.				

#### 5.2.3 Multiple Transceiver ITS Station Tests - G5B

For the multiple transceiver station tests for the G5B frequencies it is assumed that the G5A service channels SCH1 and SCH2 are switched off within the IUT, i.e. only CCH, SCH3 and SCH4 are available.

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### 5.2.3.1 CCH related tests

TP ld	TP_G5B_CCH_01				
Test objective	Verify that the multiple transceivers IUT can drop all frames with priority DP4 when CCH is i				
	channel state other than the relaxed state.				
Reference	5.5.3, table 1, table 4, table 5				
PICS Selection	A.2/2, A.3/2				
	Initial conditions				
CCH = VAL_State_C	СН				
SCH3 = Status irrelev	ant				
SCH4 = Status irrelev	ant				
	Expected behaviour				
Ensure that the IUT, w	vith CCH in state VAL_State_CCH,				
on receipt of an IN	J_Request ASP,				
containing a pa	ayload and indicating				
DP# = <b>4</b> ,					
drops the frame a	nd does <b>not transmit</b> it,				
sends on the PCC	D_IN an IN_Status ASP indicating				
unsuccessful ti	ansmission.				

### Table 26: CCH channel state values for TP\_G5B\_CCH\_01

VAL_State_CCH				
Active				
Restrictive				

TP ld	TP_G5B_CCH_02			
Test objective	Verify that the multiple transceivers IUT can drop all frames with priority VAL_DP when CCH			
	and SCH3 in channel states other than the relaxed state.			
Reference	5.5.3, table 1, table 4, table 5			
PICS Selection	A.2/2, A.3/2, A.4/4			
	Initial conditions			
CCH = VAL_State_C	СН			
SCH3 = VAL_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_State_S	SCH3			
SCH4 = Status irrelev	/ant			
	Expected behaviour			
Ensure that the IUT, v	with CCH in state VAL_State_CCH and SCH3 in state VAL_State_SCH3,			
on receipt of an I	N_Request ASP,			
containing a p	ayload and indicating			
DP# = VAL_D	Ρ,			
drops the frame a	and does <b>not transmit</b> it,			
sends on the PCC	D_IN an IN_Status ASP indicating			
unsuccessful t	ransmission.			

Table 27: DP#	, CCH and SCH3	channel state for	TP_	_G5B_		02
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	VAL_DP	VAL_State_CCH	VAL_State_SCH3		
	DP7	Active	Restrictive		
		Restrictive	Restrictive		
	DP8	Active	Active		
			Restrictive		
		Restrictive	Active		
			Restrictive		
NOTE:	The tests have to	e tests have to be repeated for all value combinations.			

TP ld	TP_G5B_CCH_03
Test objective	Verify that the multiple transceivers IUT can correctly send frames with priority VAL_DP at a
-	rate of VAL_Message_Interval on the SCH3 in state VAL_State_SCH3 with CCH in the
	active state.
Reference	5.5.3, table 1, table 4
PICS Selection	A.2/2, A.3/2, A.4/4
	Initial conditions
CCH = Active	
SCH3 = VAL_State_	SCH3
SCH4 = Status irrelev	vant
	Expected behaviour
Ensure that the IUT,	with CCH in the active and SCH3 in the VAL_State_SCH3 state,
on receipt of IN_	Request ASPs at a rate of VAL_Message_Interval, each
containing a p	ayload and indicating
DP# = VAL_D	IP,
$P_{Tx} = accept$	able $P_{Tx}$ value,
transmits the fram	mes on the SCH3 with
$T_{off} = VAL_T_{off}$	ff
sends on the PC	O_IN IN_Status ASPs indicating
channel = SC	Н3,
successful tra	nsmission.
TDII	

TP ld	TP_G5B_CCH_04	
Test objective	Verify that the multiple transceivers IUT can correctly send frames with priority VAL_DP at a	
	rate of VAL_Message_Interval on the SCH3 in state VAL_State_SCH3 with CCH in the	
	restrictive state.	
Reference	5.5.3, table 1, table 4	
PICS Selection	A.2/2, A.3/2, A.4/4	
	Initial conditions	
CCH = Restrictive		
SCH3 = VAL_State_S	SCH3	
SCH4 = Status irreleva	ant	
	Expected behaviour	
Ensure that the IUT, w	vith CCH in the restrictive and SCH3 in the VAL_State_SCH3 state,	
on receipt of IN_R	on receipt of IN_Request ASPs at a rate of VAL_Message_Interval, each	
containing a payload and indicating		
$DP# = VAL_DP$ ,		
$P_{Tx} = acceptable P_{Tx}$ value,		
transmits the frames on the SCH3 with		
$T_{off} = VAL_T_{off}$		
sends on the PCO_IN IN_Status ASPs indicating		
channel = SCH	channel = SCH3,	
successful tran	successful transmission.	

### Table 28: SCH3 channel state, DP#, message interval and $T_{\rm off}$ values for TP\_G5B\_CCH\_03 and TP\_G5B\_CCH\_04

VAL_State_SCH3	VAL_DP	VAL_Message_Interval [Hz]	VAL_T <sub>off</sub> [ms]
Relaxed	DP5	10	> 100
	DP6	10	> 100
	DP7	4	> 250
	DP8	2	> 500
Active	DP5	5	> 200
	DP6	5	> 200
	DP7	2	> 500
Restrictive	DP5	4	> 250
	DP6	4	> 250
NOTE: The tests have to	be repeated for all value co	mbinations.	

### 5.2.3.2 SCH3 related tests

#### 5.2.3.2.1 SCH3 in the relaxed channel state

TP Id	TP_G5B_SCH3_01
Test objective	Verify that the multiple transceiver IUT can correctly send frames with priority VAL_DP at a rate of VAL_Message_Interval on the SCH3 in state relaxed when $P_{Tx} < P_{SCH3_{rel}}$ .
Reference	5.5.3, table 4
PICS Selection	A.2/2, A.3/2, A.4/4
	Initial conditions
CCH = Status irrelevar	nt
SCH3 = Relaxed	
SCH4 = Status irreleva	
P <sub>SCH3_rel</sub> = PICS A.5/10	
$P_{Tx} = PIXIT_P_{Tx}$	
P <sub>Tx</sub> < P <sub>SCH3_rel</sub>	
	Expected behaviour
	ith SCH3 in the relaxed state,
	equest ASPs at a rate of VAL_Message_Interval, each
	yload and indicating
DP# = VAL_DF	
$P_{Tx} = PIXIT_P_{Tx}$	
transmits the fram	
with $P_{Tx} = PIXIT$	$^{-}P_{Tx}$ and
$T_{off} = VAL_T_{off}$	
	_IN IN_Status ASPs indicating
channel = SCH	
successful trans	
achieved P <sub>Tx</sub> =	
Comments	PIXIT_ $P_{Tx}$ has to be chosen based on the value for $P_{SCH3_{rel}}$ given in PICS A.5/10.
TP ld	TP_G5B_SCH3_02
TP Id Test objective	TP_G5B_SCH3_02 Verify that the multiple transceiver IUT can reduce the transmit power on the SCH3 in state
	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH3 in state
Test objective	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH3 in state relaxed when $P_{Tx} > P_{SCH3\_rel}$ and can report this power reduction to the upper layer
Test objective Reference PICS Selection	Verify that the multiple transceiver IUT can reduce the transmit power on the <b>SCH3 in state</b> <b>relaxed</b> when <b>P</b> <sub>Tx</sub> > <b>P</b> <sub>SCH3_rel</sub> and can report this power reduction to the upper layer 5.5.3, table 4 A.2/2, A.3/2, A.4/4 <b>Initial conditions</b>
Test objective Reference	Verify that the multiple transceiver IUT can reduce the transmit power on the <b>SCH3 in state</b> <b>relaxed</b> when <b>P</b> <sub>Tx</sub> > <b>P</b> <sub>SCH3_rel</sub> and can report this power reduction to the upper layer 5.5.3, table 4 A.2/2, A.3/2, A.4/4 <b>Initial conditions</b>
Test objective Reference PICS Selection CCH = Status irrelevar SCH3 = Relaxed	Verify that the multiple transceiver IUT can reduce the transmit power on the <b>SCH3 in state relaxed</b> when <b>P</b> <sub>Tx</sub> > <b>P</b> <sub>SCH3_rel</sub> and can report this power reduction to the upper layer 5.5.3, table 4 A.2/2, A.3/2, A.4/4 Initial conditions nt
Test objective Reference PICS Selection CCH = Status irrelevar SCH3 = Relaxed SCH4 = Status irreleva	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH3 in state relaxed when P <sub>Tx</sub> > P <sub>SCH3_rel</sub> and can report this power reduction to the upper layer 5.5.3, table 4 A.2/2, A.3/2, A.4/4 Initial conditions nt ant
Test objective Reference PICS Selection CCH = Status irrelevar SCH3 = Relaxed SCH4 = Status irrelevar P <sub>SCH3_rel</sub> = PICS A.5/10	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH3 in state relaxed when P <sub>Tx</sub> > P <sub>SCH3_rel</sub> and can report this power reduction to the upper layer 5.5.3, table 4 A.2/2, A.3/2, A.4/4 Initial conditions nt ant
Test objective Reference PICS Selection CCH = Status irrelevar SCH3 = Relaxed SCH4 = Status irrelevar P <sub>SCH3_rel</sub> = PICS A.5/10 P <sub>Tx</sub> = PIXIT_P <sub>Tx</sub>	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH3 in state relaxed when P <sub>Tx</sub> > P <sub>SCH3_rel</sub> and can report this power reduction to the upper layer 5.5.3, table 4 A.2/2, A.3/2, A.4/4 Initial conditions nt ant
Test objective         Reference         PICS Selection         CCH = Status irrelevar         SCH3 = Relaxed         SCH4 = Status irrelevar         PICS A.5/10	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH3 in state relaxed when P <sub>Tx</sub> > P <sub>SCH3_rel</sub> and can report this power reduction to the upper layer 5.5.3, table 4 A.2/2, A.3/2, A.4/4 Initial conditions ant
Test objective Reference PICS Selection CCH = Status irrelevar SCH3 = Relaxed SCH4 = Status irrelevar P <sub>SCH3_rel</sub> = PICS A.5/10 P <sub>Tx</sub> = PIXIT_P <sub>Tx</sub> P <sub>Tx</sub> < P <sub>SCH3_rel</sub>	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH3 in state relaxed when P <sub>Tx</sub> > P <sub>SCH3_rel</sub> and can report this power reduction to the upper layer 5.5.3, table 4 A.2/2, A.3/2, A.4/4 Initial conditions Initial conditions It Ant D Expected behaviour
Test objective         Reference         PICS Selection         CCH = Status irrelevar         SCH3 = Relaxed         SCH4 = Status irrelevar         PSCH4 = Status irrelevar         PSCH4 = Status irrelevar         PSCH3_rel = PICS A.5/10         PTx < PSCH3_rel	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH3 in state relaxed when P <sub>Tx</sub> > P <sub>SCH3_rel</sub> and can report this power reduction to the upper layer 5.5.3, table 4 A.2/2, A.3/2, A.4/4 Initial conditions Initial
Test objective         Reference         PICS Selection         CCH = Status irrelevar         SCH3 = Relaxed         SCH4 = Status irrelevar         SCH4 = Status irrelevar         SCH3_rel = PICS A.5/10         PTx = PIXIT_PTx         PTx < PSCH3_rel	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH3 in state relaxed when P <sub>Tx</sub> > P <sub>SCH3_rel</sub> and can report this power reduction to the upper layer 5.5.3, table 4 A.2/2, A.3/2, A.4/4 Initial conditions Int Constraint Cons
Test objective         Reference         PICS Selection         CCH = Status irrelevar         SCH3 = Relaxed         SCH4 = Status irrelevar         SCH4 = Status irrelevar         SCH3_rel = PICS A.5/10 $P_{SCH3_rel} = PIXIT_PTx$ $P_{Tx} < P_{SCH3_rel}$ Ensure that the IUT, w         on receipt of IN_R         containing a pa	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH3 in state relaxed when P <sub>Tx</sub> > P <sub>SCH3_rel</sub> and can report this power reduction to the upper layer 5.5.3, table 4 A.2/2, A.3/2, A.4/4 Initial conditions Int Conditio
Test objective         Reference         PICS Selection         CCH = Status irrelevar         SCH3 = Relaxed         SCH4 = Status irrelevar         SCH4 = Status irrelevar         SCH3_rel = PICS A.5/10 $P_{SCH3_rel} = PICS A.5/10$ $P_{Tx} < P_{SCH3_rel}$ Ensure that the IUT, w         on receipt of IN_R         containing a pa         DP# = VAL_DF	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH3 in state relaxed when PTx > PSCH3_rel and can report this power reduction to the upper layer 5.5.3, table 4 A.2/2, A.3/2, A.4/4 Initial conditions It Conditi
Test objective         Reference         PICS Selection         CCH = Status irrelevar         SCH3 = Relaxed         SCH4 = Status irrelevar         SCH4 = Status irrelevar         SCH3_rel = PICS A.5/10         PTx = PIXIT_PTx       PTx < PSCH3_rel	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH3 in state relaxed when PTx > PSCH3_rel and can report this power reduction to the upper layer 5.5.3, table 4 A.2/2, A.3/2, A.4/4 Initial conditions Initial con
Test objective         Reference         PICS Selection         CCH = Status irrelevar         SCH3 = Relaxed         SCH4 = Status irrelevar         SCH4 = Status irrelevar         SCH3_rel = PICS A.5/10 $P_{SCH3_rel} = PIXIT_P_{Tx}$ $P_{Tx} < P_{SCH3_rel}$ Ensure that the IUT, w         on receipt of IN_R         containing a pa         DP# = VAL_DF         PTx = PIXIT_PT;         transmits the fram	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH3 in state relaxed when PTx > PSCH3_rel and can report this power reduction to the upper layer 5.5.3, table 4 A.2/2, A.3/2, A.4/4 Initial conditions It ant Expected behaviour Ith SCH3 in the relaxed state, equest ASPs at a rate of VAL_Message_Interval, each yload and indicating ,
Test objective         Reference         PICS Selection         CCH = Status irrelevar         SCH3 = Relaxed         SCH4 = Status irrelevar         SCH4 = Status irrelevar         SCH3 = Relaxed         SCH4 = Status irrelevar         PSCH3_rel         Ensure that the IUT, w         on receipt of IN_R         containing a pa         DP# = VAL_DF         PTx = PIXIT_PT;         transmits the fram         with $P_{Tx} = P_{SCH3}$	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH3 in state relaxed when PTx > PSCH3_rel and can report this power reduction to the upper layer 5.5.3, table 4 A.2/2, A.3/2, A.4/4 Initial conditions It ant Expected behaviour Ith SCH3 in the relaxed state, equest ASPs at a rate of VAL_Message_Interval, each yload and indicating ,
Test objective         Reference         PICS Selection         CCH = Status irrelevar         SCH3 = Relaxed         SCH4 = Status irrelevar         SCH3 = Relaxed         SCH3 = Relaxed         SCH3 = Relaxed         SCH4 = Status irrelevar         PSCH3_rel         Ensure that the IUT, w         on receipt of IN_R         containing a pa         DP# = VAL_DF         PTx = PIXIT_PT;         transmits the fram         with $P_{Tx} = P_{SCH3}$ Toff	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH3 in state relaxed when P <sub>Tx</sub> > P <sub>SCH3_rel</sub> and can report this power reduction to the upper layer 5.5.3, table 4 A.2/2, A.3/2, A.4/4 Initial conditions It Expected behaviour Expected behaviour ith SCH3 in the relaxed state, equest ASPs at a rate of VAL_Message_Interval, each yload and indicating , x > P <sub>SCH3_rel</sub> , rel and
Test objective         Reference         PICS Selection         CCH = Status irrelevar         SCH3 = Relaxed         SCH4 = Status irrelevar         SCH3 = Relaxed         SCH3 = PICS A.5/10         PTx = PIXIT_PTx         PTx < PSCH3 rel	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH3 in state relaxed when P <sub>Tx</sub> > P <sub>SCH3_rel</sub> and can report this power reduction to the upper layer 5.5.3, table 4 A.2/2, A.3/2, A.4/4 Initial conditions Initial
Test objective         Reference         PICS Selection         CCH = Status irrelevar         SCH3 = Relaxed         SCH4 = Status irrelevar         SCH3 = Relaxed         SCH3 = PICS A.5/10         PTx = PIXIT_PTx         PTx < PSCH3 rel	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH3 in state relaxed when P <sub>Tx</sub> > P <sub>SCH3_rel</sub> and can report this power reduction to the upper layer 5.5.3, table 4 A.2/2, A.3/2, A.4/4 Initial conditions nt ant D Expected behaviour ith SCH3 in the relaxed state, equest ASPs at a rate of VAL_Message_Interval, each yload and indicating ,
Test objective         Reference         PICS Selection         CCH = Status irrelevar         SCH3 = Relaxed         SCH4 = Status irrelevar         SCH3 = Relaxed         SCH3 = PICS A.5/10         PTx = PIXIT_PTx         PTx < PSCH3 rel	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH3 in state relaxed when P <sub>Tx</sub> > P <sub>SCH3_rel</sub> and can report this power reduction to the upper layer 5.5.3, table 4 A.2/2, A.3/2, A.4/4 Initial conditions Initial
Test objective         Reference         PICS Selection         CCH = Status irrelevar         SCH3 = Relaxed         SCH3 = PICS A.5/10         PTx = PIXIT_PTx         PTx < PSCH3 rel	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH3 in state relaxed when P <sub>Tx</sub> > P <sub>SCH3_rel</sub> and can report this power reduction to the upper layer 5.5.3, table 4 A.2/2, A.3/2, A.4/4 Initial conditions Initial

TP ld	TP_G5B_SCH3_03		
Test objective	Verify that the multiple transceivers IUT can report unsuccessful sending of frames on the		
	SCH3 in state relaxed when the request frame rate is higher than the maximum allowed		
	VAL_Message_Interval.		
Reference	5.5.3, table 4		
PICS Selection	A.2/2, A.3/2, A.4/4		
	Initial conditions		
CCH = Status irrelevar	ıt		
SCH3 = Relaxed			
SCH4 = Status irreleva	int		
	Expected behaviour		
Ensure that the IUT, wi	th SCH3 in the relaxed state,		
on receipt of IN_R	equest ASPs at a rate higher than the maximum allowed VAL_Message_Interval, each		
containing a pay	yload and indicating		
_	DP# = VAL_DP		
$P_{Tx} = acceptable$	$e P_{Tx}$ value,		
transmits frames on the SCH3 with			
$T_{off} = VAL_T_{off}$			
and drops the remaining frames			
sends on the PCO_IN IN_Status ASPs for the transmitted frames indicating			
channel = SCH3	channel = SCH3,		
successful trans	successful transmission		
and sends on the	PCO_IN IN_Status ASPs for the dropped frames indicating		
unsuccessful tra	unsuccessful transmission.		

### Table 29: DP#, message interval and $T_{\rm off}$ values for TP\_MTS\_SCH3\_01, TP\_MTS\_SCH3\_02 and TP\_MTS\_SCH3\_03

VAL_DP	VAL_Message_Interval [Hz]	VAL_T <sub>off</sub> [ms]
DP9	1	> 1 000
DP10	1	> 1 000
DP11	1	> 1 000
DP12	1	> 1 000
DP13	1	> 1 000
DP14	1	> 1 000
DP15	1	> 1 000
DP16	1	> 1 000
DP17	10	> 100
DP18	10	> 100
DP19	4	> 250
DP20	2	> 500
DP21	1	> 1 000
DP22	1	> 1 000
DP23	1	> 1 000
DP24	1	> 1 000
NOTE: The tests have to be repeated for all value combinations.		

TP ld	TP_G5B_SCH3_04
Test objective	Verify that the multiple transceivers IUT drops frames with priority values above DP24 on the
	SCH3 in state relaxed.
Reference	5.5.3, table 4
PICS Selection	A.2/2, A.3/2, A.4/4
	Initial conditions
CCH = Status irreleva	ant
SCH3 = Relaxed	
SCH4 = Status irrelev	<i>r</i> ant
	Expected behaviour
Ensure that the IUT, v	with SCH3 in the relaxed state,
on receipt of an I	N_Request ASP,
	ayload and indicating
<b>DP#</b> in the ran	ge between <b>25 and 32</b> ,
drops the frame a	and does <b>not transmit</b> it,
sends on the PCO_IN an IN_Status ASP indicating	
unsuccessful transmission.	

5.2.3.2.2 SCH3 in the active channel state

TP ld	TP_G5B_SCH3_05
Test objective	Verify that the multiple transceiver IUT can correctly send frames with priority VAL_DP at a rate of VAL_Message_Interval on the SCH3 in state active when $P_{Tx} < P_{SCH3_act}$ .
Reference	5.5.3, table 4
PICS Selection	A.2/2, A3/2 A.4/4
	Initial conditions
CCH = Status irreleva SCH3 = Active	
SCH4 = Status irrelev	
$P_{SCH3\_act} = PICS A.5/1$ $P_{Tx} = PIXIT_P_{Tx}$	1
P <sub>Tx</sub> < P <sub>SCH3_act</sub>	
	Expected behaviour
	vith SCH3 in the active state,
-	Request ASPs at a rate of VAL_Message_Interval, each
	ayload and indicating
DP# = <b>VAL_D</b>	
$P_{Tx} = PIXIT_P$	
transmits the fran	
with $P_{Tx} = PIXI$	
$T_{off} = VAL_T_{off}$	
	D_IN IN_Status ASPs indicating
channel = SCH	
successful trar	,
achieved P <sub>Tx</sub> =	
Comments	PIXIT_ $P_{Tx}$ has to be chosen based on the value for $P_{SCH3, act}$ given in PICS A.5/11.

TP ld	TP_G5B_SCH3_06	
Test objective	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH3 in state	
	active when P <sub>Tx</sub> > P <sub>SCH3_act</sub> and can report this power reduction to the upper layer	
Reference	5.5.3, table 4	
PICS Selection	A.2/2, A3/2 A.4/4	
	Initial conditions	
CCH = Status irreleval	nt	
SCH3 = Active		
SCH4 = Status irreleva		
P <sub>SCH3_act</sub> = PICS A.5/1	1	
$P_{Tx} = PIXIT_P_{Tx}$		
P <sub>Tx</sub> < P <sub>SCH3_act</sub>		
	Expected behaviour	
	ith SCH3 in the active state,	
	lequest ASPs at a rate of VAL_Message_Interval, each	
	yload and indicating	
$DP# = VAL_DP,$ $P_{Tx} = PIXIT P_{Tx} > P_{SCH3 act}.$		
$P_{Tx} = PIXII_P_T$ transmits the fram		
with P <sub>Tx</sub> = P <sub>SCH3_act</sub> and T <sub>off</sub> = <b>VAL T<sub>off</sub></b>		
sends on the PCO_IN IN_Status ASPs indicating		
channel = SCH3,		
successful tran		
achieved P <sub>Tx</sub> =		
Comments		

TP ld	TP_G5B_SCH3_07	
Test objective	Verify that the multiple transceivers IUT can transmit frames with priority VAL_DP on SCH3	
	and SCH4 when the request frame rate VAL_Message_Interval is higher than the maximum	
	allowed VAL_Message_Interval of the SCH3 in state active and with SCH4 in state	
	VAL_State_SCH4.	
Reference	5.5.3, table 4, table 5	
PICS Selection	A.2/2, A3/2 A.4/4, A.4/5	
	Initial conditions	
CCH = Status irreleva	nt	
SCH3 = Active		
SCH4 = VAL_State_S	SCH4	
	Expected behaviour	
Ensure that the IUT, w	vith SCH3 in the active state,	
on receipt of IN_F	Request ASPs at a rate higher than the maximum allowed VAL_Message_Interval, each	
containing a pa	yload and indicating	
DP# = VAL_D		
P <sub>Tx</sub> = acceptab	le P <sub>Tx</sub> value,	
transmits frames	on the SCH3	
$T_{off} = VAL_T_{off}$		
and transmits fram	nes on the SCH4	
sends on the PCC	_IN IN_Status ASPs for SCH3 transmitted frames indicating	
channel = SCH	3,	
successful transmission		
and <b>sends</b> on the l	and sends on the PCO_IN IN_Status ASPs for SCH4 transmitted frames indicating	
channel = SCH	channel = SCH4,	
successful transmission.		

# Table 30: SCH4 channel state, DP#, message interval and $T_{\rm off}$ values for TP\_G5B\_SCH3\_05, TP\_G5B\_SCH3\_06 and TP\_G5B\_SCH3\_07

VAL_State_SCH4	VAL_DP	VAL_Message_Interval [Hz]	VAL_T <sub>off</sub> [ms]
Relaxed	DP17	5	> 200
	DP18	5	> 200
	DP19	2	> 500
Active	DP17	5	> 200
	DP18	5	> 200
	DP19	2	> 500
Restrictive	DP17	5	> 200
	DP18	5	> 200
	DP19	2	> 500
NOTE: The tests have to	be repeated for all value	e combinations.	

TP ld	TP_G5B_SCH3_08	
Test objective	Verify that the multiple transceivers IUT drops frames with <b>priority values above DP24</b> on the <b>SCH3 in state active</b> .	
Reference	5.5.3, table 4	
PICS Selection	A.2/2, A3/2 A.4/4	
	Initial conditions	
CCH = Status irreleva	nt	
SCH3 = Active		
SCH4 = Status irrelev	ant	
	Expected behaviour	
Ensure that the IUT, w	vith SCH3 in state active,	
on receipt of an IN	N_Request ASP,	
containing a pa	ayload and indicating	
DP# in the range between 25 and 32,		
drops the frame a	nd does <b>not transmit</b> it,	
sends on the PCC	sends on the PCO_IN an IN_Status ASP indicating	
unsuccessful transmission.		

TP ld	TP_G5B_SCH3_09
Test objective	Verify that the multiple transceivers IUT drops frames with <b>priority values between 11 and 16</b> and <b>between 20 and 24</b> on the SCH3 in state active, when SCH4 is in state
	VAL_State_SCH4.
Reference	5.5.3, table 4
PICS Selection	A.2/2, A3/2 A.4/4
	Initial conditions
CCH = Status irreleva SCH3 = Active SCH4 = <b>VAL_State</b> _	
	Expected behaviour
on receipt of an I containing a p DP# in the ran drops the frame a	ayload and indicating ge between <b>11 and 16 and between 20 and 24</b> , and does <b>not transmit</b> it, D_IN an IN_Status ASP indicating

VAL_State_SCH4	VAL_DP
Active	DP11
	DP12
	DP13
	DP14
	DP15
	DP16
	DP20
	DP21
	DP22
	DP23
	DP24
Restrictive	DP11
	DP12
	DP13
	DP14
	DP15
	DP16
	DP20
	DP21
	DP22
	DP23
	DP24
NOTE: The tests have combinations.	to be repeated for all value

#### Table 31: SCH4 channel state and DP# values for TP\_G5B\_SCH3\_09

### 5.2.3.2.3 SCH3 in the restrictive channel state

TP ld	TP_G5B_SCH3_10
Test objective	Verify that the multiple transceiver IUT can correctly send frames with priority VAL_DP at a rate
	of VAL_Message_Interval on the SCH3 in state restrictive when P <sub>Tx</sub> < P <sub>SCH3_res</sub> .
Reference	5.5.3, table 4
PICS Selection	A.2/2, A.3/2, A.4/4
	Initial conditions
CCH = Status irreleva	nt
SCH3 = Restrictive	
SCH4 = Status irreleva	
$P_{SCH3\_res} = PICS A.5/1$	2
$P_{Tx} = PIXIT_P_{Tx}$	
P <sub>Tx</sub> < P <sub>SCH3_res</sub>	<b>-</b>
	Expected behaviour
	ith SCH3 in the restrictive state,
•	Request ASPs at a rate of VAL_Message_Interval, each
0 1	yload and indicating
DP# = VAL_DF	
$P_{Tx} = PIXIT_P_T$	
transmits the fram	
with $P_{Tx} = P[X]$	
$T_{off} = VAL_T_{off}$	
	_IN IN_Status ASPs indicating
channel = SCH	
successful tran	,
achieved $P_{Tx} =$	
Comments	PIXIT_P <sub>Tx</sub> has to be chosen based on the value for $P_{SCH3_{res}}$ given in PICS A.5/12.

TP ld	TP_G5B_SCH3_11
Test objective	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH3 in state
-	restrictive when PTx > PSCH3_res and can report this power reduction to the upper layer
Reference	5.5.3, table 4
PICS Selection	A.2/2, A.3/2, A.4/4
	Initial conditions
CCH = Status irreleva	ant
SCH3 = Restrictive	
SCH4 = Status irrelev	rant
P <sub>SCH3_res</sub> = PICS A.5/	12
$P_{Tx} = PIXIT_P_{Tx}$	
P <sub>Tx</sub> < P <sub>SCH3_res</sub>	
	Expected behaviour
	vith SCH3 in the restrictive state,
	Request ASPs at a rate of VAL_Message_Interval, each
containing a pa	ayload and indicating
DP# = <b>VAL_D</b>	Ρ,
$P_{Tx} = PIXIT_P$	
transmits the frar	nes on the SCH3
with P <sub>Tx</sub> = P <sub>SCF</sub>	H3_res and
$T_{off} = VAL_T_{off}$	r
sends on the PCC	D_IN IN_Status ASPs indicating
channel = SCH	<del>1</del> 3,
successful trar	nsmission,
achieved P <sub>Tx</sub> =	
Comments	PIXIT_P <sub>Tx</sub> has to be chosen based on the value for P <sub>SCH3_rel</sub> given in PICS A.5/12.
TP ld	TP_G5B_SCH3_12
Test objective	Verify that the multiple transceivers IUT can transmit frames with priority VAL_DP on SCH3 and SCH4 when the request frame rate VAL Message Interval is higher than the maximum

IFIQ			
Test objective	Verify that the multiple transceivers IUT can transmit frames with priority VAL_DP on SCH3		
	and SCH4 when the request frame rate VAL_Message_Interval is higher than the maximum		
	allowed VAL_Message_Interval of the SCH3 in state restrictive and with SCH4 in state		
	VAL_State_SCH4.		
Reference	5.5.3, table 4, table 5		
PICS Selection	A.2/2, A3/2 A.4/4, A.4/5		
	Initial conditions		
CCH = Status irreleva	nt		
SCH3 = Restrictive			
SCH4 = VAL_State_S	SCH4		
	Expected behaviour		
Ensure that the IUT, w	vith SCH3 in the restrictive state,		
on receipt of IN_F	Request ASPs at a rate higher than the maximum allowed VAL_Message_Interval, each		
containing a pa	containing a payload and indicating		
DP# = VAL_DP			
$P_{Tx} = acceptab$	$P_{Tx} = \text{acceptable } P_{Tx}$ value.		
transmits frames on the SCH3			
$T_{off} = VAL T_{off}$			
and transmits frames on the SCH4			
sends on the PCO_IN IN_Status ASPs for SCH3 transmitted frames indicating			
channel = SCH3,			
successful transmission			
and sends on the	and sends on the PCO_IN IN_Status ASPs for SCH4 transmitted frames indicating		
	channel = SCH4,		
successful transmission.			

# Table 32: CCH4 channel state, DP#, message interval and $T_{\rm off}$ values for TP\_G5B\_SCH3\_10, TP\_G5B\_SCH3\_11 and TP\_G5B\_SCH3\_12

VAL_State_SCH4	VAL_DP	VAL_Message_Interval [Hz]	VAL_T <sub>off</sub> [ms]
Relaxed	DP17	4	> 250
Γ	DP18	4	> 250
Γ	DP19	1	> 1 050
Active	DP17	4	> 250
	DP18	4	> 250
	DP19	1	> 1 050
Restrictive	DP17	4	> 250
	DP18	4	> 250
Γ	DP19	1	> 1 050
NOTE: The tests have to b	pe repeated for all value	e combinations.	

TP ld	TP_G5B_SCH3_13		
Test objective	Verify that the multiple transceivers IUT drops frames with priority values above DP24 on the		
	SCH3 in state restrictive.		
Reference	5.5.3, table 4		
PICS Selection	A.2/2, A.3/2, A.4/4		
	Initial conditions		
CCH = Status irreleva	nt		
SCH3 = Restrictive			
SCH4 = Status irrelevation	ant		
	Expected behaviour		
Ensure that the IUT, w	vith SCH3 in state restrictive,		
on receipt of an IN	on receipt of an IN_Request ASP,		
	containing a payload and indicating		
DP# in the range between 25 and 32,			
drops the frame and does not transmit it,			
sends on the PCC	sends on the PCO_IN an IN_Status ASP indicating		
unsuccessful transmission.			

TP ld	TP_G5B_SCH3_14
Test objective	Verify that the multiple transceivers IUT drops frames with <b>priority values between 11 and 16</b> and <b>between 20 and 24</b> on the SCH3 in state restrictive, when SCH4 is in state VAL State SCH4.
Reference	5.5.3, table 4
PICS Selection	A.2/2, A3/2 A.4/4
	Initial conditions
CCH = Status irreleva SCH3 = Restrictive SCH4 = VAL_State_	
Ensure that the ILIT y	with SCH3 in state restrictive.
on receipt of an I containing a p DP# in the ran drops the frame a	N_Request ASP, ayload and indicating ge between <b>11 and 16 and between 20 and 24</b> , and does <b>not transmit</b> it, D_IN an IN_Status ASP indicating

VAL_State_SCH4	VAL_DP
Active	DP11
	DP12
	DP13
	DP14
	DP15
	DP16
	DP20
	DP21
	DP22
	DP23
	DP24
Restrictive	DP11
	DP12
	DP13
	DP14
	DP15
	DP16
	DP20
	DP21
	DP22
	DP23
	DP24
NOTE: The tests have combinations.	to be repeated for all value

#### Table 33: SCH4 channel state and DP# values for TP\_G5B\_SCH3\_14

### 5.2.3.3 SCH4 related tests

#### 5.2.3.3.1 SCH4 in the relaxed channel state

TP Id	TP_G5B_SCH4_01	
Test objective	Verify that the multiple transceiver IUT can correctly send frames with priority VAL_DP on the	
-	SCH4 in state relaxed when P <sub>Tx</sub> < P <sub>SCH4_rel</sub> .	
Reference	5.5.3, table 5	
PICS Selection	A.2/2, A.3/2, A.4/5	
	Initial conditions	
CCH = Status irreleva	nt	
SCH3 = VAL_State_S	CH3	
SCH4 = Relaxed		
P <sub>SCH4_rel</sub> = PICS A.5/1	3	
$P_{Tx} = PIXIT_P_{Tx}$		
P <sub>Tx</sub> < P <sub>SCH4_rel</sub>		
	Expected behaviour	
Ensure that the IUT, w	rith SCH4 in the relaxed and SCH3 in state VAL_State_SCH3,	
on receipt of IN_F	tequest ASPs, each	
containing a pa	yload and indicating	
DP# = VAL_DI	۶,	
$P_{Tx} = PIXIT_P_T$		
transmits the fram	nes on the SCH4	
with $P_{Tx} = PIXI^{-1}$		
	D_IN IN_Status ASPs indicating	
channel = SCH		
successful tran		
achieved P <sub>Tx</sub> =		
Comments	$PIXIT_P_{Tx}$ has to be chosen based on the value for $P_{SCH4\_rel}$ given in PICS A.5/13.	

TP ld	TP_G5B_SCH4_02
Test objective	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH4 in state
	<b>relaxed</b> when $P_{Tx} > P_{SCH4_{rel}}$ and can report this power reduction to the upper layer.
Reference	5.5.3, table 5
PICS Selection	A.2/2, A.3/2, A.4/5
	Initial conditions
CCH = Status irreleva	nt
SCH3 = VAL_State_S	CH3
SCH4 = Relaxed	
P <sub>SCH4_rel</sub> = PICS A.5/13	3
$P_{Tx} = PIXIT_P_{Tx}$	
P <sub>Tx</sub> < P <sub>SCH4_rel</sub>	
	Expected behaviour
,	ith SCH4 in the relaxed and SCH3 in state VAL_State_SCH3,
	Request ASPs, each
	yload and indicating
DP# = VAL_DF	
$P_{Tx} = PIXIT_P_T$	
transmits the fram	
with $P_{Tx} = P_{SCH}$	
	_IN IN_Status ASPs indicating
channel = SCH	,
successful tran	,
achieved P <sub>Tx</sub> =	
Comments	PIXIT_P <sub>Tx</sub> has to be chosen based on the value for P <sub>SCH4_rel</sub> given in PICS A.5/13.

TP Id	TP_G5B_SCH4_03			
Test objective	Verify that the multiple transceivers IUT drops frames with priority values above DP24 on the			
	SCH4 in state relaxed.			
Reference	5.5.3, table 5			
PICS Selection	A.2/2, A.3/2, A.4/5			
	Initial conditions			
CCH = Status irreleva	nt			
SCH3 = VAL_State_S	SCH3			
SCH4 = Relaxed				
	Expected behaviour			
Ensure that the IUT, v	vith SCH4 in the relaxed and SCH4 in state VAL_State_SCH3,			
on receipt of an II	N_Request ASP,			
containing a pa	containing a payload and indicating			
DP# in the range between 25 and 32,				
drops the frame and does not transmit it,				
sends on the PCO_IN an IN_Status ASP indicating				
unsuccessful t	ransmission.			

VAL_State_SCH3	VAL_DP	
Active	DP9	
	DP10	
	DP11	
	DP12	
	DP13	
	DP14	
	DP15	
	DP16	
	DP20	
	DP21	
	DP22	
	DP23	
	DP24	
Restrictive	DP12 DP13 DP14 DP15 DP16 DP20 DP21 DP22 DP23	
	DP10	
	DP11	
	DP12	
	DP13	
	DP14	
	DP15	
	DP16	
	DP20	
	DP21	
	DP22	
	DP23	
	DP24	
NOTE: The tests have combinations.	to be repeated for all value	

### Table 34: SCH3 channel state and DP# values for TP\_G5B\_SCH4\_01, TP\_G5B\_SCH4\_02 and TP\_G5B\_SCH4\_03

#### 5.2.3.3.2 SCH4 in the active channel state

TP ld	TP G5B SCH4 04		
Test objective	Verify that the multiple transceiver IUT can correctly send frames with priority VAL_DP at a rate		
	of VAL_Message_Interval on the SCH4 in state active when PTx < PSCH4 act.		
Reference	5.5.3, table 5		
PICS Selection	A.2/2, A3/2 A.4/5		
	Initial conditions		
CCH = Status irrelevar	ıt		
SCH3 = VAL_State_S0	CH3		
SCH4 = Active			
P <sub>SCH4_act</sub> = PICS A.5/14	1		
$P_{Tx} = PIXIT_P_{Tx}$			
P <sub>Tx</sub> < P <sub>SCH4_act</sub>			
	Expected behaviour		
Ensure that the IUT, wi	th SCH4 in the active state,		
on receipt of IN_R	equest ASPs at a rate of VAL_Message_Interval, each		
	yload and indicating		
DP# = VAL_DP	) 2		
$P_{Tx} = PIXIT_P_{Tx}$			
transmits the fram	es on the SCH4		
with $P_{Tx} = PIXIT$	_P <sub>Tx</sub> and		
$T_{off} = VAL_T_{off}$			
	_IN IN_Status ASPs indicating		
channel = SCH			
successful trans			
achieved P <sub>Tx</sub> =			
Comments	PIXIT_ $P_{Tx}$ has to be chosen based on the value for $P_{SCH4_act}$ given in PICS A.5/14.		

TP Id	TP G5B SCH4 05			
Test objective	Verify that the multiple transceiver IUT can reduce the transmit power on the SCH4 in state			
	active when $P_{Tx} > P_{SCH4_{act}}$ and can report this power reduction to the upper layer			
Reference	5.5.3, table 5			
PICS Selection	A.2/2, A3/2 A.4/5			
	Initial conditions			
CCH = Status irrelevar	nt			
SCH3 = VAL_State_S0	CH3			
SCH4 = Active				
P <sub>SCH4_act</sub> = PICS A.5/14	4			
$P_{Tx} = PIXIT_P_{Tx}$	$P_{Tx} = PIXIT_P_{Tx}$			
P <sub>Tx</sub> < P <sub>SCH4_act</sub>				
Expected behaviour				
	ith SCH4 in the active state,			
	equest ASPs at a rate of VAL_Message_Interval, each			
	yload and indicating			
DP# = VAL_DP	,			
$P_{Tx} = PIXIT_P_{Tx}$				
transmits the fram				
with $P_{Tx} = P_{SCH4_{act}}$ and				
T <sub>off</sub> = VAL_T <sub>off</sub> sends on the PCO_IN IN_Status ASPs indicating				
channel = SCH4	,			
successful trans				
Comments	achieved $P_{Tx} = P_{SCH4\_act}$ .			
Comments	PIXIT_P <sub>Tx</sub> has to be chosen based on the value for P <sub>SCH4_act</sub> given in PICS A.5/14.			

TP ld	TP_G5B_SCH4_06	
Test objective	Verify that the multiple transceivers IUT can report unsuccessful sending of frames on the	
	SCH4 in state active when the request frame rate is higher than the maximum allowed VAL_Message_Interval.	
Reference	5.5.3, table 5	
PICS Selection	A.2/2, A3/2 A.4/5	
	Initial conditions	
CCH = Status irreleva		
SCH3 = VAL_State_S	SCH3	
SCH4 = Active		
	Expected behaviour	
Ensure that the IUT, v	with SCH4 in the active state,	
on receipt of IN_	Request ASPs at a rate higher than the maximum allowed VAL_Message_Interval, each	
	ayload and indicating	
DP# = <b>VAL_D</b>		
$P_{Tx} = acceptat$		
transmits frames	on the SCH4 with	
$T_{off} = VAL_T_{of}$		
and drops the remaining frames		
sends on the PCO_IN IN_Status ASPs for the transmitted frames indicating		
channel = SCH4,		
successful transmission		
and sends on the PCO_IN IN_Status ASPs for the dropped frames indicating		
unsuccessful t	ransmission.	

TP Id TP_G5B_SCH4_07			
Test objective	Verify that the multiple transceivers IUT drops frames with priority values above DP24 on the		
-	SCH4 in state active.		
Reference	5.5.3, table 5		
PICS Selection	A.2/2, A3/2, A.4/5		
	Initial conditions		
CCH = Status irreleva	ant		
SCH3 = VAL_State_S	SCH3		
SCH4 = Active			
	Expected behaviour		
Ensure that the IUT,	with SCH4 in the active state,		
on receipt of an l	N_Request ASP,		
containing a p	ayload and indicating		
DP# in the rar	nge between <b>25 and 32</b> ,		
drops the frame a	and does <b>not transmit</b> it,		
sends on the PC	O_IN an IN_Status ASP indicating		
unsuccessful	transmission.		

### Table 35: SSCH3 channel state, DP#, message interval and T<sub>off</sub> values for TP\_G5B\_SCH4\_04, TP\_G5B\_SCH4\_05, TP\_G5B\_SCH4\_06 and TP\_G5B\_SCH4\_07

VAL_DP	VAL_Message_Interval [Hz]	VAL_T <sub>off</sub> [ms]
DP9	5	> 200
DP10	5	> 200
DP11	2	> 500
DP9	5	> 200
DP10	5	> 200
DP11	2	> 500
	DP9 DP10 DP11 DP9 DP10	DP9         5           DP10         5           DP11         2           DP9         5           DP10         5

#### 5.2.3.3.3 SCH4 in the restrictive channel state

TP ld	TP_G5B_SCH4_08			
Test objective	Verify that the multiple transceiver IUT can correctly send frames with priority VAL_DP at a rate			
	of VAL_Message_Interval on the SCH4 in state restrictive when P <sub>Tx</sub> < P <sub>SCH4_res</sub> .			
Reference	5.5.3, table 5			
PICS Selection	A.2/2, A3/2 A.4/5			
	Initial conditions			
CCH = Status irrelevar	nt			
SCH3 = VAL_State_S	СНЗ			
SCH4 = Restrictive				
P <sub>SCH4_res</sub> = PICS A.5/1	5			
$P_{Tx} = PIXIT_P_{Tx}$				
P <sub>Tx</sub> < P <sub>SCH4_res</sub>				
	Expected behaviour			
Ensure that the IUT, with	ith SCH4 in the restrictive state,			
	equest ASPs at a rate of VAL_Message_Interval, each			
	yload and indicating			
DP# = VAL_DP	•			
$P_{Tx} = PIXIT_P_T$				
transmits the fram				
with $P_{Tx} = PIXIT$	_P <sub>Tx</sub> and			
$T_{off} = VAL_T_{off}$				
	_IN IN_Status ASPs indicating			
channel = SCH				
successful trans				
achieved P <sub>Tx</sub> =				
Comments	PIXIT_ $P_{Tx}$ has to be chosen based on the value for $P_{SCH4\_res}$ given in PICS A.5/15.			

Test objective       Verify that the multiple transceiver IUT can reduce the transmit power on the SCH4 in state restrictive when P <sub>Tx</sub> > P <sub>SCH4_res</sub> and can report this power reduction to the upper layer         Reference       5.5.3, table 5         PICS Selection       A.2/2, A3/2 A.4/5         Initial conditions			
Reference         5.5.3, table 5           PICS Selection         A.2/2, A3/2 A.4/5			
PICS Selection A.2/2, A3/2 A.4/5			
Initial conditions			
CCH = Status irrelevant			
SCH3 = VAL_State_SCH3			
SCH4 = Restrictive			
P <sub>SCH4_res</sub> = PICS A.5/15			
$P_{Tx} = PIXIT_P_{Tx}$			
P <sub>Tx</sub> < P <sub>SCH4_res</sub>			
Expected behaviour			
Ensure that the IUT, with SCH4 in the restrictive state,			
on receipt of IN_Request ASPs at a rate of VAL_Message_Interval, each			
containing a payload and indicating			
DP# = VAL_DP,			
$P_{Tx} = PIXIT_P_{Tx} > P_{SCH4_{res}},$			
transmits the frames on the SCH4			
with $P_{Tx} = P_{SCH4\_res}$ and			
T <sub>off</sub> = VAL_T <sub>off</sub>			
sends on the PCO_IN IN_Status ASPs indicating			
channel = SCH4,			
successful transmission,			
achieved P <sub>Tx</sub> = P <sub>SCH4_res</sub> .         Comments       PIXIT_P <sub>Tx</sub> has to be chosen based on the value for P <sub>SCH4_res</sub> given in PICS A.5/15.			

TP ld	TP_G5B_SCH4_10		
Test objective	Verify that the multiple transceivers IUT can report unsuccessful sending of frames on the		
	SCH4 in state restrictive when the request frame rate is higher than the maximum allowed		
	VAL_Message_Interval.		
Reference	5.5.3, table 5		
PICS Selection	A.2/2, A3/2 A.4/5		
	Initial conditions		
CCH = Status irreleva	ant		
SCH3 = VAL_State_S	SCH3		
SCH4 = Restrictive	SCH4 = Restrictive		
	Expected behaviour		
Ensure that the IUT,	with SCH4 in the restrictive state,		
on receipt of IN_	Request ASPs at a rate higher than the maximum allowed VAL_Message_Interval, each		
containing a p	ayload and indicating		
DP# = <b>VAL_D</b>	P		
$P_{Tx} = acceptal$	ble P <sub>Tx</sub> value,		
transmits frames	on the SCH4 with		
$T_{off} = VAL_T_{off}$	f		
and drops the re	maining frames		
sends on the PC	D_IN IN_Status ASPs for the transmitted frames indicating		
channel = SCH4,			
successful transmission			
and sends on the	PCO_IN IN_Status ASPs for the dropped frames indicating		
unsuccessful	aransmission.		

TP ld	TP_G5B_SCH4_11			
Test objective	Verify that the multiple transceivers IUT drops frames with <b>priority values above DP24</b> on the			
	SCH4 in state restrictive.			
Reference	5.5.3, table 5			
PICS Selection	A.2/2, A3/2, A.4/5			
	Initial conditions			
CCH = Status irreleva	ant			
SCH3 = VAL_State_	SCH3			
SCH4 = Restrictive				
Expected behaviour				
Ensure that the IUT, with SCH4 in the restrictive state,				
on receipt of an	IN_Request ASP,			
containing a payload and indicating				
DP# in the range between 25 and 32,				
drops the frame and does not transmit it,				
sends on the PCO_IN an IN_Status ASP indicating				
unsuccessful transmission.				

# Table 36: SCH3 channel state, DP#, message interval and $T_{off}$ values for TP\_G5B\_SCH4\_08, TP\_G5B\_SCH4\_09, TP\_G5B\_SCH4\_10 and TP\_G5B\_SCH4\_11

VAL_State_SCH3	VAL_DP	VAL_Message_Interval [Hz]	VAL_T <sub>off</sub> [ms]
Active	DP9	4	> 250
	DP10	4	> 250
Restrictive	DP9	4	> 250
	DP10	4	> 250
NOTE: The tests have to be repeated for all value combinations.			

### History

Document history		
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