



AMENDMENT

I-ETS 300 330

A1

January 1997

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Key words: Radio, SRD, testing

**This draft amendment A1, will modify
the European Telecommunication Standard I-ETS 300 330 (1994)**

**Radio Equipment and Systems (RES);
Short Range Devices (SRDs);
Technical characteristics and test methods
for radio equipment in the frequency range 9 kHz to 25 MHz
and inductive loop systems in the frequency range
9 kHz to 30 MHz**

ETSI

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Foreword

This amendment to I-ETS 300 330 (1994) has been produced by the Radio Equipment and Systems (RES) Technical Committee of the European Telecommunications Standards Institute (ETSI).

Transposition dates	
Date of adoption	20 December 1996
Date of latest announcement of this ETS (doa):	30 April 1997
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	31 October 1997
Date of withdrawal of any conflicting National Standard (dow):	31 October 1997

Amendments

Page 21, table 2

Replace table 2 and the subsequent note with the following:

Table 2: H-field limits

Frequency range (MHz)	H-field strength limit (H_f) dB μ A/m at 10 m
For loop coil antennas with area $\geq 0,16 \text{ m}^2$	
$0,009 \leq f < 0,03$	72 or according to note
$0,03 \leq f < 0,135$	72 at 0,03 MHz descending 3,5 dB/octave or according to note
$0,135 \leq f < 4,78$	38 at 0,135 MHz descending 3,5 dB/octave
$4,78 \leq f < 30$	20
$6,765 \leq f < 6,795$ (ISM) $13,553 \leq f < 13,567$ (ISM) $26,957 \leq f < 27,283$ (ISM)	42
For loop coil antennas $< 0,05 \text{ m}^2$	
$0,009 \leq f < 0,03$	62 or according to note
$0,03 \leq f < 0,135$	62 at 0,03 MHz descending 3,5 dB/oct or according to note
$0,135 \leq f < 4,78$	38 at 0,135 MHz descending 3,5 dB/oct
$4,78 \leq f < 30$	20
$6,765 \leq f < 6,795$ (ISM) $13,553 \leq f < 13,567$ (ISM) $26,957 \leq f < 27,283$ (ISM)	42
For loop coil antennas with area between $0,05 \text{ m}^2$ and $0,16 \text{ m}^2$	
$0,009 \leq f < 0,135$	H_f table values for loop coils $\geq 0,16 \text{ m}^2 + 10 \times \log(\text{area}/0,16 \text{ m}^2)$ or according to note
$0,135 \leq f < 4,78$	38 at 0,135 MHz descending 3,5 dB/oct
$4,78 \leq f < 30$	20
$6,765 \leq f < 6,795$ (ISM) $13,553 \leq f < 13,567$ (ISM) $26,957 \leq f < 27,283$ (ISM)	42
NOTE:	The minimum limit to be applied at particular frequencies to protect existing services within these indicated bands is 42 dB μ A/m at 10 m.

Page 37, figure B.1

Replace figure B.1 with the following:

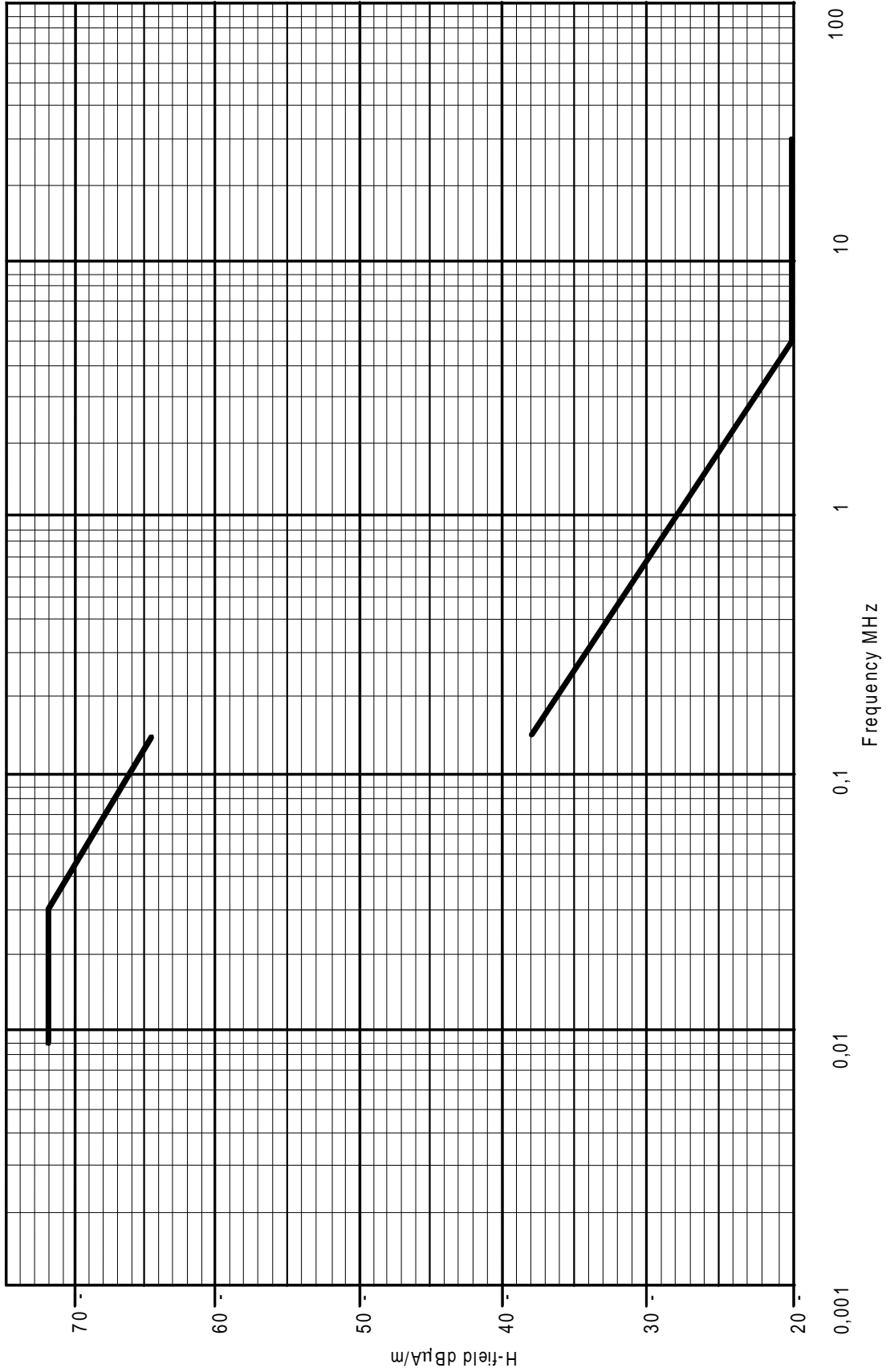


Figure B.1: Tx carrier limits, radiated H-field at 10 m distance

Page 38, figure C.1

Replace figure C.1 with the following:

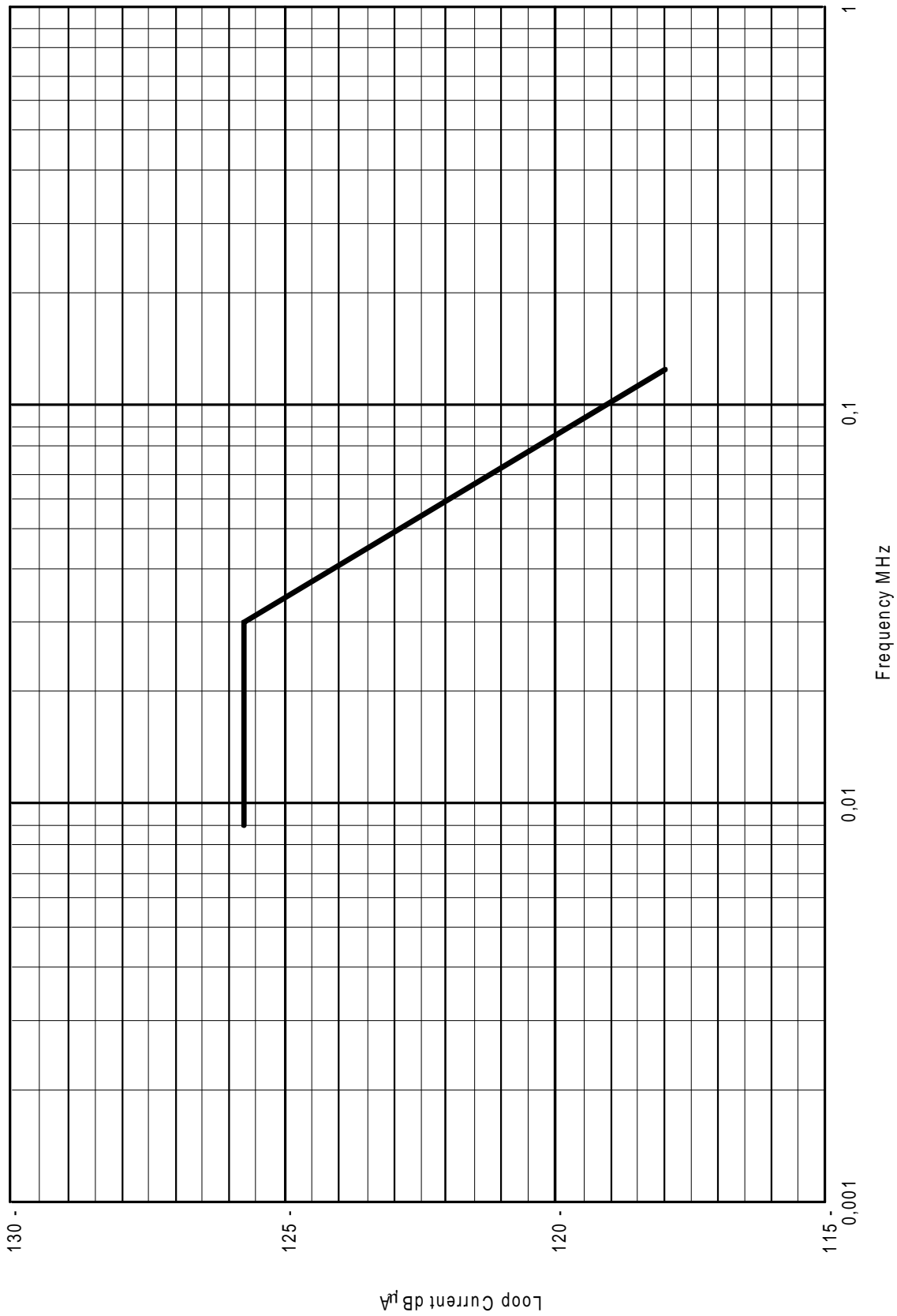


Figure C.1: Tx carrier current for a large-sized loop

Page 39, figure D.1

Replace figure D.1 with the following:

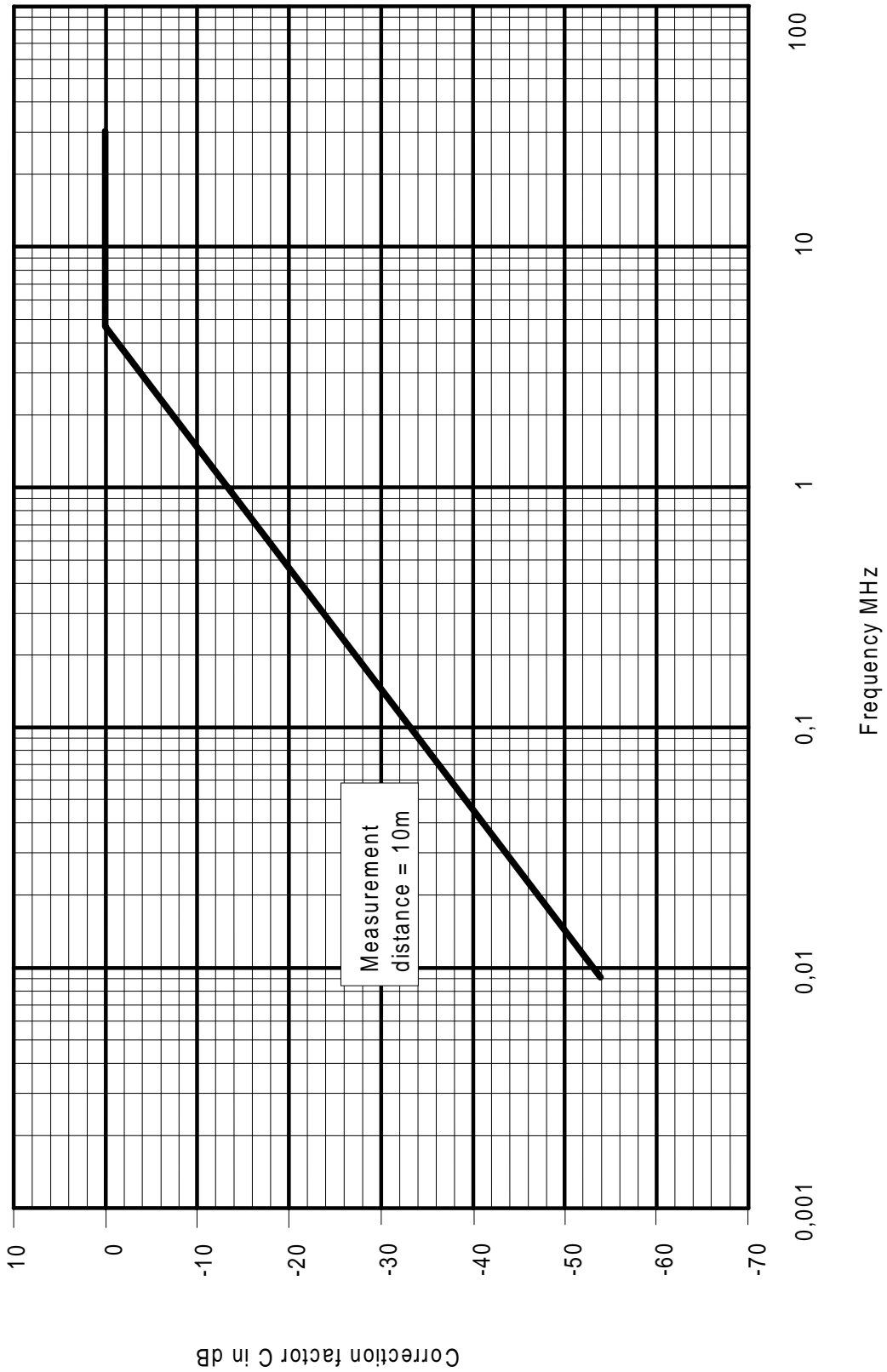


Figure D.1: H-field limit correction factor for electrically-generated field

Page 40, figure E.1

Replace figure E.1 with the following:

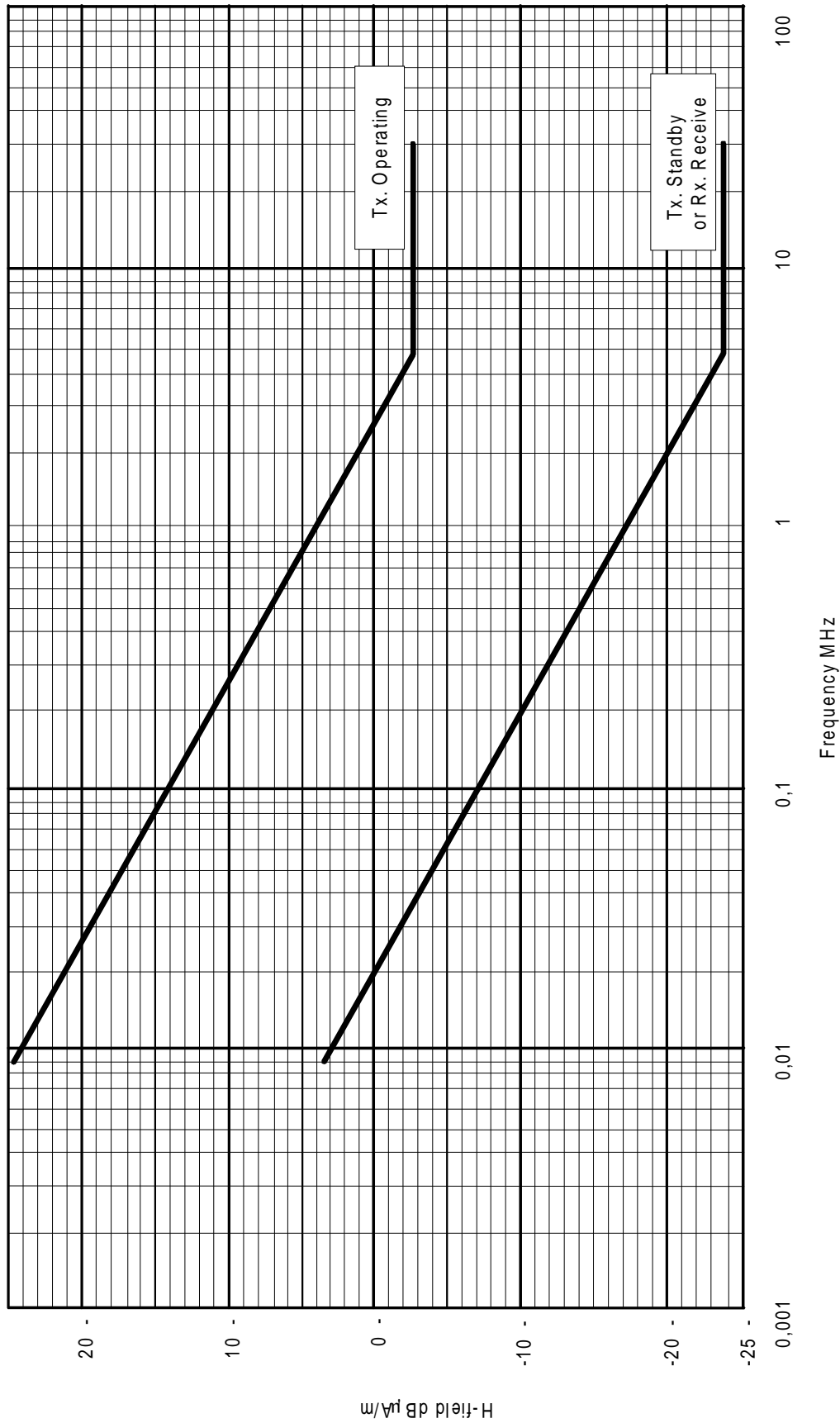


Figure E.1: Spurious limits, radiated H-field at 10 m distance

History

Document history	
December 1994	First Edition
January 1997	Amendment 1 to First Edition