



Receiver



ETS 300 328 (November 1996)

UPRR020008-01

Amb. temp.: T Rel. humidity: %

Tarried out: / - 2001 by:

7.3.2 Spurious emissions - conducted

(Applies only to equipment with an external RF-connector)

Operating frequency	Spurious frequency MHz	*)Band-width kHz	Spurious emissions		Excess dB
			Narrow band (dBm)	Wide band (dBm/Hz)	
Lowest					
	Others				
Highest					
	Others				
Measurement uncertainty:		$U_{95} = 1.96 * 0.63 = \pm 1.2 \text{ dB}$			

5.3.2 Limits

Frequency range	Narrow band	Wide band
30 MHz - 1 GHz	-57 dBm	-107 dBm/ Hz
> 1 GHz - 12.75 GHz	-47 dBm	-97 dBm/ Hz

Satisfactory: YES NO

*) = Bandwidth of measuring receiver

For this test, the following measuring equipment is used (ref. appendix A).

Spectrum analyzer no.:
Bandpass filter no.:
Signal generator no.:

Remark(s): N/A

Wide band transmission systems

for data transmission equipment operating in the 2.4 GHz ISM band and using spread spectrum modulation techniques



ETS 300 328 (November 1996)

UPRR020008-01

Amb. temp.: 22 T Rel. humidity: 27 %

Carried out: 11 / 1 - 2002 by:SS

7.3.2 Spurious emissions (Radiated)

Spurious frequency (MHz)	Bandwidth (kHz)	Symbol	Spurious emissions		Excess dB
			Narrow band (dBm)	Wide band (dBm/Hz)	
All	-	H	<-60	-	-
		V	<-60	-	-
		H			
		V			
		H			
		V			
		H			
		V			
		H			
		V			
Measurement uncertainty:		U ₉₅ = +2.4/-3.2 dB			

5.3.2 Limits

Frequency range	Narrow band	Wide band
30 MHz - 1 GHz	-57 dBm	-107 dBm / Hz
> 1 GHz - 12.75 GHz	-47 dBm	-97 dBm / Hz

A preliminary scan in 1 m test distance in the whole frequency range 25 – 12750 MHz has been performed, to register the frequencies where spurious emissions is observed. The reported values in the table are the measured spurious emission at the significant frequencies determined in 3 m test distance.

Satisfactory: YES NO

¹⁾ = Bandwidth of measuring receiver

For this test, the measuring equipment listed in appendix B is used.

Remark(s):
