The Measurement of Conducted Spurious Emissions

CONDUCTED SPURIOUS EMISSIONS MEASUREMENT

1. LIMITS OF CONDUCTED SPURIOUS EMISSIONS EASUREMENT

Below 20dB of the highest emission level of operating band (in 100KHz Resolution Bandwidth, see Section 15.247(c)). Emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the limits specified in Section 15.209(a) (see Section 15.205(c)).

2. TEST INSTRUMENTS

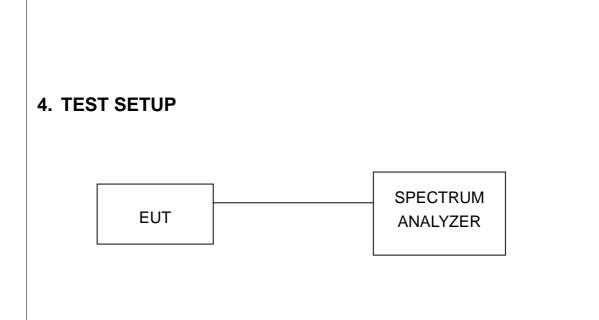
Description & Manufacturer	Model No.	Serial No.	Calibrated Until
R&S SPECTRUM ANALYZER	FSP40	100037	May. 06, 2004
High pass filter 2.4G	WHK3.1/18G- 10SS	SN4	Jun. 12, 2004

NOTE:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

3. TEST PROCEDURE

The transmitter output was connected to the spectrum analyzer via a low lose cable. Set both RBW and VBW of spectrum analyzer to 100 kHz with suitable frequency span including 100 kHz bandwidth from band edge. The band edges was measured and recorded.



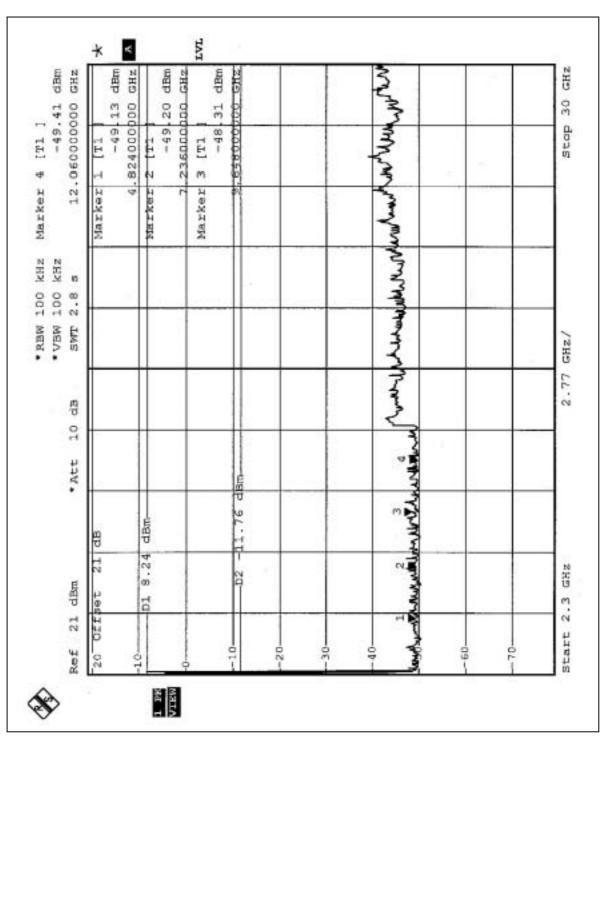
5. EUT OPERATING CONDITIONS

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

TEST RESULTS - For 802.11b

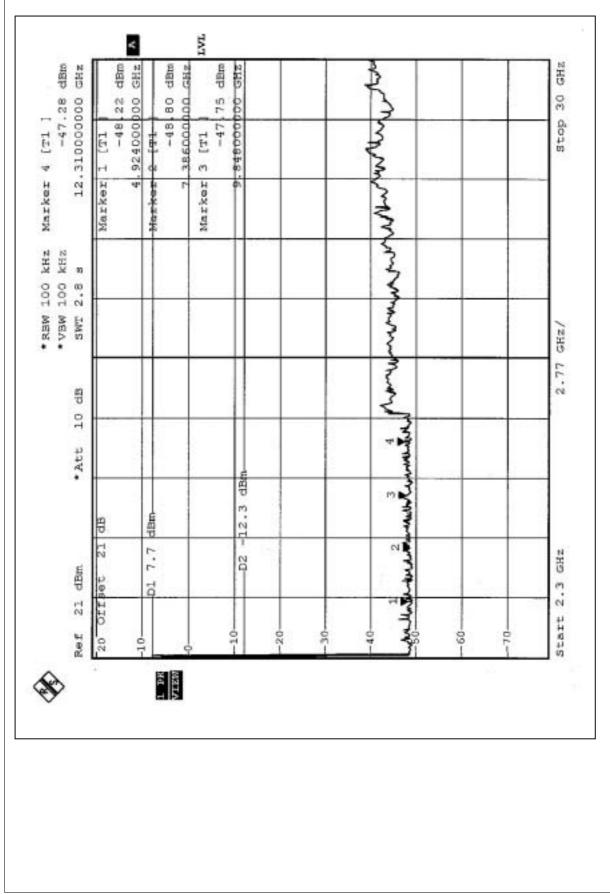
The spectrum plots are attached on the following 2 pages. It shows compliance with the requirement in part 15.247(C),.15.205 and 15.209.





4

Ch11



TEST RESULTS – For 802.11g

The spectrum plots are attached on the following 2 pages. It shows compliance with the requirement in part 15.247(C),.15.205 and 15.209.

Ch1

dBm GHz	dBm GHz	dBm	dBm	CHZ		3		GHz
88		61 0	49			3		90
er 4 [T1] -48.03 12.06000000	r 1 [T1] -49,02 4.824000000	2 [T1] -48.87 dBm 235000000000000000000000000000000000000	[T1 -48	84800000		1		Stop
r 4 2.06	4.82			3.63		3		
kHz Marker 4 [T1] kHz -48. s 12.0600000	Marker 4	Marker	Marker			MAM	~	
						~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
100 100 2.8		_	-		-	1		
* RBW 100 * VBW 100 SWT 2.8						ANNU		GHZ/
â						-		2.77
10		-						
*Att						-		
			din Gin	d Build				
	ED .	ÉBP		-18.86		vitur		
e	21	1.14		- 22 -		N		GHz
dBm	in the second se	10				1		E. 2
21	Off							14
Ref	20			i i	-30	9 <b>3</b>	3	-70 Stai
\$		Marn						
100		20195250						

Ch11

