

Appendix D

Spurious Radiated Emission Data

Results

Product:		Wireless Modem				Product test configuration:		PG24 parabolic Grid antenna, no hopping				
Serial:						Date of Test:		25 February, 2000				
Temperature:		22 Celsius				Relative Humidity:		44 %				
Product Class:		A				Test Facility:		OATS				
Test Specification:		FCC part 247				Test Engineer:		W. Anderson				
File Number:		99-092				Test Dist		3 meters				
Channel Freq	EUT Azimuth (Degrees)	Antenna Height(cm)	Antenna Polarity (H/V)	Meter Reading (average dBuV)	Meter Reading (peak dBuV)	Cable Loss (dB)	Antenna Factor (dB/m)	Average Field Intensity (dBuV/m)	Peak Field Intensity (dBuV/m)	Signal Type	Av Limit (dBuV/m) @ 3 meters	
2402.0	0	142	V	95	111	N/A	28.5	123.5	139.5	Intentional		
Har #	Freq.(MHz)											
2	4804	0 -360	100-400	v/h	8	18	N/A	33.1	41.1	51.1	Ambient	54
3	7206	0 -360	100-400	v/h	9	19	N/A	35.7	44.7	54.7	Ambient	
4	9608	0 -360	100-400	v/h	11	21	N/A	37.2	48.2	58.2	Ambient	
5	12010	0 -360	100-400	v/h	9	22	N/A	39.5	48.5	61.5	Ambient	54
6	14412	0 -360	100-400	v/h	7	20	N/A	38.7	45.7	58.7	Ambient	
7	16814	0 -360	100-400	v/h	8	18	N/A	39.6	47.6	57.6	Ambient	
8	19216	0 -360	100-400	v/h	2	14	4	40.3	46.3	58.3	Ambient	54
9	21618	0 -360	100-400	v/h	2	14	4.1	40.5	46.6	58.6	Ambient	
10	24020	0 -360	100-400	v/h	2	14	4.4	40.5	46.9	58.9	Ambient	
2440.0	142	140	V	94	111	N/A	28.5	122.5	139.5	Intentional		
2	4880.0	0 -360	100-400	v/h	8	20	N/A	33.4	41.4	53.4	Ambient	
3	7320.0	0 -360	100-400	v/h	9	20	N/A	35.8	44.8	55.8	Ambient	54
4	9760.0	0 -360	100-400	v/h	9	22	N/A	37.5	46.5	59.5	Ambient	
5	12200.0	0 -360	100-400	v/h	11	20	N/A	39.5	50.5	59.5	Ambient	54
6	14640.0	0 -360	100-400	v/h	7	18	N/A	39.3	46.3	57.3	Ambient	

APPLICANT: Lucent Technologies Inc.

FCC ID: AS5RWM232V200WAUS

7	17080.0	0 -360	100-400	v/h	8	18	N/A	40.5	48.5	58.5	Ambient	
8	19520.0	0 -360	100-400	v/h	2	14	4	40.3	46.3	58.3	Ambient	54
9	21960.0	0 -360	100-400	v/h	2	14	4.1	40.5	46.6	58.6	Ambient	
10	24400.0	0 -360	100-400	v/h	2	14	4.4	40.5	46.9	58.9	Ambient	
	2480.0	0	154	v	94	110	N/A	28.6	122.6	138.6	Intentional	
2	4960.0	0 -360	100-400	v/h	9	22	N/A	33.8	42.8	55.8	Ambient	54
3	7440.0	0 -360	100-400	v/h	8	18	N/A	35.9	43.9	53.9	Ambient	54
4	9920.0	0 -360	100-400	v/h	9	22	N/A	37.7	46.7	59.7	Ambient	
5	12400.0	0 -360	100-400	v/h	10	21	N/A	39.5	49.5	60.5	Ambient	54
6	14880.0	0 -360	100-400	v/h	5	17	N/A	39.9	44.9	56.9	Ambient	
7	17360.0	0 -360	100-400	v/h	6	17	N/A	42.3	48.3	59.3	Ambient	
8	19840.0	0 -360	100-400	v/h	2	14	4	40.3	46.3	58.3	Ambient	54
9	22320.0	0 -360	100-400	v/h	2	14	4.2	40.5	46.7	58.7	Ambient	
10	24800.0	0 -360	100-400	v/h	2	14	4.4	40.5	46.9	58.9	Ambient	

Notes: Shaded rows indicate the restricted bands.