

## Appendix A: Test Data

Duty cycle							
Band	Frequency (MHz)	Data Rate	On time (ms)	On+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
802.11b	912	20M	10.000	10.000	1.000	0.000	0.010
802.11g	912	20M	10.000	10.000	1.000	0.000	0.010
802.11g	907	10M	10.000	10.000	1.000	0.000	0.010
802.11g	907	5M	10.000	10.000	1.000	0.000	0.010

902-928 MHz Band				
Mod.	Freq. (MHz)	Data Rate	RF power setting in Test SW	Test SW Version
			Ant-0	
802.11b	912	20M	13.00	ART rev 5.3, Build #49
	917	20M	13.00	
802.11g	912	20M	9.50	
	917	20M	9.50	
802.11g	907	10M	9.50	
	912	10M	10.50	
	917	10M	9.50	
	922	10M	10.00	
802.11g	907	5M	10.00	
	912	5M	10.00	
	917	5M	10.00	
	922	5M	10.00	

902-928 MHz Band					
Mod.	Freq. (MHz)	Data Rate	Avg Conducted Power (dBm)	Peak Conducted Power (dBm)	Conducted Power Limit (dBm)
			Ant-0	Ant-0	Ant-0
802.11b	912	20M	22.87	25.37	27.85
	917	20M	22.55	24.63	27.85
802.11g	912	20M	19.01	27.53	27.85
	917	20M	18.96	27.51	27.85
802.11g	907	10M	18.74	27.52	27.85
	912	10M	18.68	27.58	27.85
	917	10M	18.66	27.52	27.85
	922	10M	18.41	27.46	27.85
802.11g	907	5M	19.70	27.61	27.85
	912	5M	19.72	27.60	27.85
	917	5M	19.73	27.65	27.85
	922	5M	19.44	27.51	27.85

6 dB Bandwidth				
Mod.	Freq. (MHz)	Data Rate	6 dB Bandwidth (kHz)	6dB Bandwidth Min.Limit (kHz)
			Ant-0	
802.11b	912	20M	11100	≥ 500
	917	20M	11050	≥ 500
802.11g	912	20M	16070	≥ 500
	917	20M	15740	≥ 500
802.11g	907	10M	8206	≥ 500
	912	10M	8196	≥ 500
	917	10M	8209	≥ 500
	922	10M	8197	≥ 500
802.11g	907	5M	4138	≥ 500
	912	5M	4148	≥ 500
	917	5M	4133	≥ 500
	922	5M	4132	≥ 500

Maximum Power Spectral Density Measurement				
Mod.	Freq. (MHz)	Data Rate	Measurement (dBm/3 kHz)	Max.Limit (dBm/ 3 kHz)
			Ant-0	Ant-0
802.11b	912	20M	-0.640	5.85
	917	20M	-0.783	5.85
802.11g	912	20M	-4.043	5.85
	917	20M	-4.013	5.85
802.11g	907	10M	-1.433	5.85
	912	10M	-1.353	5.85
	917	10M	-1.955	5.85
	922	10M	-1.733	5.85
802.11g	907	5M	1.589	5.85
	912	5M	1.055	5.85
	917	5M	1.382	5.85
	922	5M	1.558	5.85