

Appendix A. Test Data

Duty Cycle						
Band	Frequency (MHz)	On time (ms)	On+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimun VBW (kHz)
Matter	2405	1.128	1.312	85.976	0.656	0.887

Maximum Conducted Output Power Measurement						
Test Mode	Frequency (MHz)	Average Power		Peak Power		Power Limit
		dBm	W	dBm	W	dBm
Matter	2405	16.93	0.0493	17.06	0.0508	30.00
Matter	2440	16.75	0.0473	16.97	0.0498	30.00
Matter	2480	16.60	0.0457	16.85	0.0484	30.00

Note: The relevant measured result has the offset with cable loss already.

6 dB Bandwidth and 99 % Occupied Bandwidth

Test mode	Frequency	99 % Occupied Bandwidth	6 dB Bandwidth	6 dB Limit
	(MHz)	(MHz)	(kHz)	(kHz)
Matter	2405	2.173	1084.0000	≥ 500
Matter	2440	2.176	1084.0000	≥ 500
Matter	2480	2.179	1085.0000	≥ 500

Maximum Power Density Measurement

Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
Matter	2405	4.990	≤ 8
Matter	2440	4.870	≤ 8
Matter	2480	4.430	≤ 8