

Appendix A. Test Data

Maximum Conducted Output Power Measurement												
Test Mode	Frequency (MHz)	Average Power		Peak Power		Power Limit	Gain	EIRP Power		EIRP Power Limit	RF Power setting in Test Software	Test Software Version
		dBm	W	dBm	W	W	dBi	dBm	W	W		
SRD 1M	2402	14.48	0.0281	14.59	0.02877	<0.125	1.42	16.01	0.03990	4.00	61.00	Airoha Tool Kit V3.9.0.8
	2440	14.37	0.0274	14.47	0.02799	<0.125	1.42	15.89	0.03882	4.00	61.00	
	2480	14.06	0.0255	14.17	0.02612	<0.125	1.42	15.59	0.03622	4.00	61.00	
SRD 2M	2404	14.31	0.0270	14.41	0.02761	<0.125	1.42	15.83	0.03828	4.00	61.00	
	2440	14.21	0.0264	14.32	0.02704	<0.125	1.42	15.74	0.03750	4.00	61.00	
	2478	13.85	0.0243	13.98	0.02500	<0.125	1.42	15.40	0.03467	4.00	61.00	

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

20 dB Emission Bandwidth and 99 % Occupied Bandwidth Measurement			
Test Mode	Frequency (MHz)	20 dB RF Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
SRD 1M	2402	1.138	1.039
	2440	1.136	1.039
	2480	1.138	1.040
SRD 2M	2404	2.257	2.063
	2440	2.256	2.062
	2478	2.255	2.062

Carrier Frequency Separation Measurement			
Test Mode	Frequency (MHz)	Measurement (MHz)	Limit (MHz)
SRD 1M	2402	2.000	≥ 0.759
	2440	2.000	≥ 0.757
	2480	2.000	≥ 0.759
SRD 2M	2404	2.000	≥ 1.505
	2440	2.000	≥ 1.504
	2478	2.000	≥ 1.503

Time of Occupancy (Dwell Time) Measurement						
SRD_1M	Test Channel	Hopping channel	Package Transfer Time (sec)	Dwell Time (sec)	Limit (sec)	Pass / Fail
	2402MHz	40	0.00040	0.128	0.4	Pass

Time of Occupancy (Dwell Time) Measurement						
SRD_2M	Test Channel	Hopping channel	Package Transfer Time (sec)	Dwell Time (sec)	Limit (sec)	Pass / Fail
	2404MHz	38	0.00021	0.131	0.4	Pass