

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	10.38	0.0109	10.53	0.01130	<0.125	-0.9	9.63	0.00918	4.00	61.00	Airoha Tool Kit V3.9.0.8
	2440	10.32	0.0108	10.47	0.01114	<0.125	-0.9	9.57	0.00906	4.00	61.00	
	2480	10.30	0.0107	10.45	0.01109	<0.125	-0.9	9.55	0.00902	4.00	61.00	
SRD_2M	2404	10.30	0.0107	10.44	0.01107	<0.125	-0.9	9.54	0.00899	4.00	61.00	
	2440	10.38	0.0109	10.52	0.01127	<0.125	-0.9	9.62	0.00916	4.00	61.00	
	2478	10.37	0.0109	10.51	0.01125	<0.125	-0.9	9.61	0.00914	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	1.145	1.045
	2440	1.167	1.045
	2480	1.171	1.046
SRD_2M	2404	2.345	2.071
	2440	2.346	2.072
	2478	2.348	2.072

Carrier Frequency Separation Measurement			
Test Mode	Frequency (MHz)	Measurement (MHz)	Limit (MHz)
SRD_1M	2402	2.000	≥ 0.763
	2440	2.000	≥ 0.778
	2480	2.000	≥ 0.781
SRD_2M	2404	2.000	≥ 1.563
	2440	2.000	≥ 1.564
	2478	2.000	≥ 1.565

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	0.00023	0.147	0.4	Pass