

### Appendix A. Test Data

Maximum Conducted Output Power Measurement									
Test Mode	Frequency (MHz)	Packet Type	Average Power		Peak Power		Power Limit	RF Power setting in Test Software	Test Software Version
			dBm	W	dBm	W			
BT_GFSK	2402	DH1	6.11	0.0041	7.12	0.00515	<0.125	7.00	Command
		DH3	6.32	0.0043	7.16	0.00520	<0.125	7.00	
		DH5	6.36	0.0043	7.18	0.00522	<0.125	7.00	
	2441	DH1	5.80	0.0038	6.70	0.00468	<0.125	7.00	
		DH3	6.00	0.0040	6.81	0.00480	<0.125	7.00	
		DH5	6.07	0.0040	6.86	0.00485	<0.125	7.00	
	2480	DH1	5.88	0.0039	6.80	0.00479	<0.125	7.00	
		DH3	6.11	0.0041	6.82	0.00481	<0.125	7.00	
		DH5	6.13	0.0041	6.84	0.00483	<0.125	7.00	
BT_π/4-DQPSK	2402	2DH1	6.15	0.0041	9.55	0.00902	<0.125	7.00	Command
		2DH3	6.48	0.0044	9.54	0.00899	<0.125	7.00	
		2DH5	6.51	0.0045	9.57	0.00906	<0.125	7.00	
	2441	2DH1	5.88	0.0039	9.25	0.00841	<0.125	7.00	
		2DH3	6.23	0.0042	9.37	0.00865	<0.125	7.00	
		2DH5	6.26	0.0042	9.39	0.00869	<0.125	7.00	
	2480	2DH1	5.87	0.0039	9.42	0.00875	<0.125	7.00	
		2DH3	6.30	0.0043	9.49	0.00889	<0.125	7.00	
		2DH5	6.34	0.0043	9.51	0.00893	<0.125	7.00	
BT_8DPSK	2402	3DH1	6.20	0.0042	9.80	0.00955	<0.125	7.00	Command
		3DH3	6.54	0.0045	9.90	0.00977	<0.125	7.00	
		3DH5	6.56	0.0045	9.93	0.00984	<0.125	7.00	
	2441	3DH1	5.89	0.0039	9.67	0.00927	<0.125	7.00	
		3DH3	6.29	0.0043	9.71	0.00935	<0.125	7.00	
		3DH5	6.30	0.0043	9.75	0.00944	<0.125	7.00	
	2480	3DH1	5.93	0.0039	9.65	0.00923	<0.125	7.00	
		3DH3	6.32	0.0043	9.81	0.00957	<0.125	7.00	
		3DH5	6.35	0.0043	9.83	0.00962	<0.125	7.00	

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)
BT_GFSK	2402	0.862	0.753
	2441	0.859	0.752
	2480	0.859	0.752
BT_8DPSK	2402	1.296	1.178
	2441	1.299	1.178
	2480	1.297	1.177

Carrier Frequency Separation Measurement			
Test Mode	Frequency (MHz)	Measurement (MHz)	Limit (MHz)
BT_GFSK	2402	1.140	$\geq 0.574$
	2441	1.008	$\geq 0.573$
	2480	1.002	$\geq 0.573$
BT_8DPSK	2402	1.098	$\geq 0.864$
	2441	1.122	$\geq 0.866$
	2480	1.042	$\geq 0.865$

Time of Occupancy (Dwell Time) Measurement		
Test Mode	Average Time of Occupancy (Dwell Time) Measurement	
	DH1	
BT_GFSK	Cycle Calculate	$79CH * 0.4 = 31.6 \text{ (sec)}$
	The EUT Hopping Number per Sec	1600 times/sec
	Each Channel Dwell Times per Sec	$800/79CH = 10.13 \text{ (times/sec)}$
	Each Channel Dwell Times on Cycle(1)	$31.6 * 10.13 = 320.108 \text{ (times)}$
	Each Channel Dwell Times (2)	0.4068 ms
	Dwell Times on Cycle (1) * (2)	130.220 ms
	Limit (msec)	$\leq 400$
	DH3	
	Cycle Calculate	$79CH * 0.4 = 31.6 \text{ (sec)}$
	The EUT Hopping Number per Sec	1600 times/sec
	Each Channel Dwell Times per Sec	$400/79CH = 5.06 \text{ (times/sec)}$
	Each Channel Dwell Times on Cycle(1)	$31.6 * 5.06 = 159.896 \text{ (times)}$
	Each Channel Dwell Times (2)	1.670 ms
	Dwell Times on Cycle (1) * (2)	267.026 ms
	Limit (msec)	$\leq 400$
	DH5	
	Cycle Calculate	$79CH * 0.4 = 31.6 \text{ (sec)}$
	The EUT Hopping Number per Sec	1600 times/sec
	Each Channel Dwell Times per Sec	$266.7/79CH = 3.38 \text{ (times/sec)}$
	Each Channel Dwell Times on Cycle(1)	$31.6 * 3.38 = 106.808 \text{ (times)}$
	Each Channel Dwell Times (2)	2.940 ms
Dwell Times on Cycle (1) * (2)	314.016 ms	
Limit (msec)	$\leq 400$	

Time of Occupancy (Dwell Time) Measurement		
Test Mode	Average Time of Occupancy (Dwell Time) Measurement	
	3DH1	
BT_8DPSK	Cycle Calculate	$79CH * 0.4 = 31.6 \text{ (sec)}$
	The EUT Hopping Number per Sec	1600 times/sec
	Each Channel Dwell Times per Sec	$800/79CH = 10.13 \text{ (times/sec)}$
	Each Channel Dwell Times on Cycle(1)	$31.6 * 10.13 = 320.108 \text{ (times)}$
	Each Channel Dwell Times (2)	0.420 ms
	Dwell Times on Cycle (1) * (2)	134.445 ms
	Limit (msec)	$\leq 400$
	3DH3	
	Cycle Calculate	$79CH * 0.4 = 31.6 \text{ (sec)}$
	The EUT Hopping Number per Sec	1600 times/sec
	Each Channel Dwell Times per Sec	$400/79CH = 5.06 \text{ (times/sec)}$
	Each Channel Dwell Times on Cycle(1)	$31.6 * 5.06 = 159.896 \text{ (times)}$
	Each Channel Dwell Times (2)	1.660 ms
	Dwell Times on Cycle (1) * (2)	265.427 ms
	Limit (msec)	$\leq 400$
	3DH5	
	Cycle Calculate	$79CH * 0.4 = 31.6 \text{ (sec)}$
	The EUT Hopping Number per Sec	1600 times/sec
	Each Channel Dwell Times per Sec	$266.7/79CH = 3.38 \text{ (times/sec)}$
	Each Channel Dwell Times on Cycle(1)	$31.6 * 3.38 = 106.808 \text{ (times)}$
	Each Channel Dwell Times (2)	2.940 ms
Dwell Times on Cycle (1) * (2)	314.016 ms	
Limit (msec)	$\leq 400$	