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	W		
BT_GFSK	2402	DH1	2.88	0.0019	3.16	0.00207	<0.125	Default	CBT
		DH3	2.91	0.0020	3.19	0.00208	<0.125	Default	
		DH5	2.93	0.0020	3.21	0.00209	<0.125	Default	
	2441	DH1	2.72	0.0019	3.02	0.00200	<0.125	Default	
		DH3	2.74	0.0019	3.05	0.00202	<0.125	Default	
		DH5	2.76	0.0019	3.08	0.00203	<0.125	Default	
	2480	DH1	2.06	0.0016	2.44	0.00175	<0.125	Default	
		DH3	2.09	0.0016	2.46	0.00176	<0.125	Default	
		DH5	2.11	0.0016	2.49	0.00177	<0.125	Default	
BT_π/4-DQPSK	2402	2DH1	3.01	0.0020	5.84	0.00384	<0.125	Default	
		2DH3	3.05	0.0020	5.88	0.00387	<0.125	Default	
		2DH5	3.09	0.0020	5.91	0.00390	<0.125	Default	
	2441	2DH1	2.95	0.0020	5.81	0.00381	<0.125	Default	
		2DH3	2.98	0.0020	5.83	0.00383	<0.125	Default	
		2DH5	3.02	0.0020	5.86	0.00385	<0.125	Default	
	2480	2DH1	2.22	0.0017	5.13	0.00326	<0.125	Default	
		2DH3	2.28	0.0017	5.15	0.00327	<0.125	Default	
		2DH5	2.32	0.0017	5.19	0.00330	<0.125	Default	
BT_8DPSK	2402	3DH1	3.03	0.0020	5.85	0.00385	<0.125	Default	
		3DH3	3.07	0.0020	5.89	0.00388	<0.125	Default	
		3DH5	3.11	0.0020	5.93	0.00392	<0.125	Default	
	2441	3DH1	2.96	0.0020	5.82	0.00382	<0.125	Default	
		3DH3	3.01	0.0020	5.85	0.00385	<0.125	Default	
		3DH5	3.05	0.0020	5.89	0.00388	<0.125	Default	
	2480	3DH1	2.25	0.0017	5.15	0.00327	<0.125	Default	
		3DH3	2.29	0.0017	5.16	0.00328	<0.125	Default	
		3DH5	2.34	0.0017	5.21	0.00332	<0.125	Default	

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	0.943	0.846
	2441	0.944	0.844
	2480	0.944	0.846
BT_8DPSK	2402	1.273	1.154
	2441	1.301	1.168
	2480	1.273	1.154

Carrier Frequency Separation Measurement			
Test Mode	Frequency (MHz)	Measurement (MHz)	Limit (MHz)
BT_GFSK	2402	0.994	≧ 0.629
	2441	1.334	≧ 0.629
	2480	0.998	≧ 0.629
BT_8DPSK	2402	0.998	≧ 0.849
	2441	0.996	≧ 0.867
	2480	1.002	≧ 0.849

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 (sec)
	The EUT Hopping Number per Sec	1600 times/sec
	Each Channel Dwell Times per Sec	800/79CH = 10.13 (times/sec)
	Each Channel Dwell Times on Cycle(1)	31.6 * 10.13 = 320.108 (times)
	Each Channel Dwell Times (2)	0.4107 ms
	Dwell Times on Cycle (1) * (2)	131.468 ms
	Limit (msec)	< = 400
	DH3	
	Cycle Calculate	79CH * 0.4 = 31.6 (sec)
	The EUT Hopping Number per Sec	1600 times/sec
	Each Channel Dwell Times per Sec	400/79CH = 5.06(times/sec)
	Each Channel Dwell Times on Cycle(1)	31.6 * 5.06 = 159.896(times)
	Each Channel Dwell Times (2)	1.670 ms
	Dwell Times on Cycle (1) * (2)	267.026 ms
	Limit (msec)	< = 400
	DH5	
	Cycle Calculate	79CH * 0.4 = 31.6 (sec)
	The EUT Hopping Number per Sec	1600 times/sec
	Each Channel Dwell Times per Sec	266.7/79CH = 3.38(times/sec)
	Each Channel Dwell Times on Cycle(1)	31.6 * 3.38 = 106.808(times)
	Each Channel Dwell Times (2)	2.979 ms
	Dwell Times on Cycle (1) * (2)	318.181 ms
	Limit (msec)	< = 400

Test Mode	Average Time of Occupancy (Dwell Time) Measurement	
	3DH1	
BT_8DPSK	Cycle Calculate	79CH * 0.4 = 31.6 (sec)
	The EUT Hopping Number per Sec	1600 times/sec
	Each Channel Dwell Times per Sec	800/79CH = 10.13 (times/sec)
	Each Channel Dwell Times on Cycle(1)	31.6 * 10.13 = 320.108 (times)
	Each Channel Dwell Times (2)	0.4224 ms
	Dwell Times on Cycle (1) * (2)	135.214 ms
	Limit (msec)	< = 400
	3DH3	
	Cycle Calculate	79CH * 0.4 = 31.6 (sec)
	The EUT Hopping Number per Sec	1600 times/sec
	Each Channel Dwell Times per Sec	400/79CH = 5.06(times/sec)
	Each Channel Dwell Times on Cycle(1)	31.6 * 5.06 = 159.896(times)
	Each Channel Dwell Times (2)	1.681 ms
	Dwell Times on Cycle (1) * (2)	268.785 ms
	Limit (msec)	< = 400
	3DH5	
	Cycle Calculate	79CH * 0.4 = 31.6 (sec)
	The EUT Hopping Number per Sec	1600 times/sec
	Each Channel Dwell Times per Sec	266.7/79CH = 3.38(times/sec)
	Each Channel Dwell Times on Cycle(1)	31.6 * 3.38 = 106.808(times)
	Each Channel Dwell Times (2)	2.945 ms
	Dwell Times on Cycle (1) * (2)	314.550 ms
	Limit (msec)	< = 400