

Appendix: Bluetooth Classic

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Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]
DH5	Ant1	2402	0.97	2401.47	2402.44
DH5	Ant1	2441	0.96	2440.48	2441.44
DH5	Ant1	2480	0.96	2479.48	2480.44

Test Graphs



Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
DH5	Ant1	2402	0.91175	2401.4960	2402.4077
DH5	Ant1	2441	0.91091	2440.4953	2441.4062
DH5	Ant1	2480	0.90754	2479.4967	2480.4042

Test Graphs



Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	Verdict
DH5	Ant1	2402	-3.52	≤30	-0.94	PASS
DH5	Ant1	2441	-2.72	≤20.97	-0.14	PASS
DH5	Ant1	2480	-2.49	≤20.97	0.09	PASS

Test Result Average

Test Mode	Antenna	Frequency[MHz]	Conducted Sensor power[dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Gain [dBi]	Verdict
TestMode	Antenna	Channel	RawPower	DC	DcFactor or	Result	Limit	Gain	Verdict

Test Graphs



Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.002	≥0.970	PASS

Test Graphs



Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.406	320	0.13	≤0.4	PASS
DH3	Ant1	Hop	1.606	160	0.257	≤0.4	PASS
DH5	Ant1	Hop	2.807	106.67	0.299	≤0.4	PASS

Test Graphs

