

Appendix:Bluetooth Classic

Contents

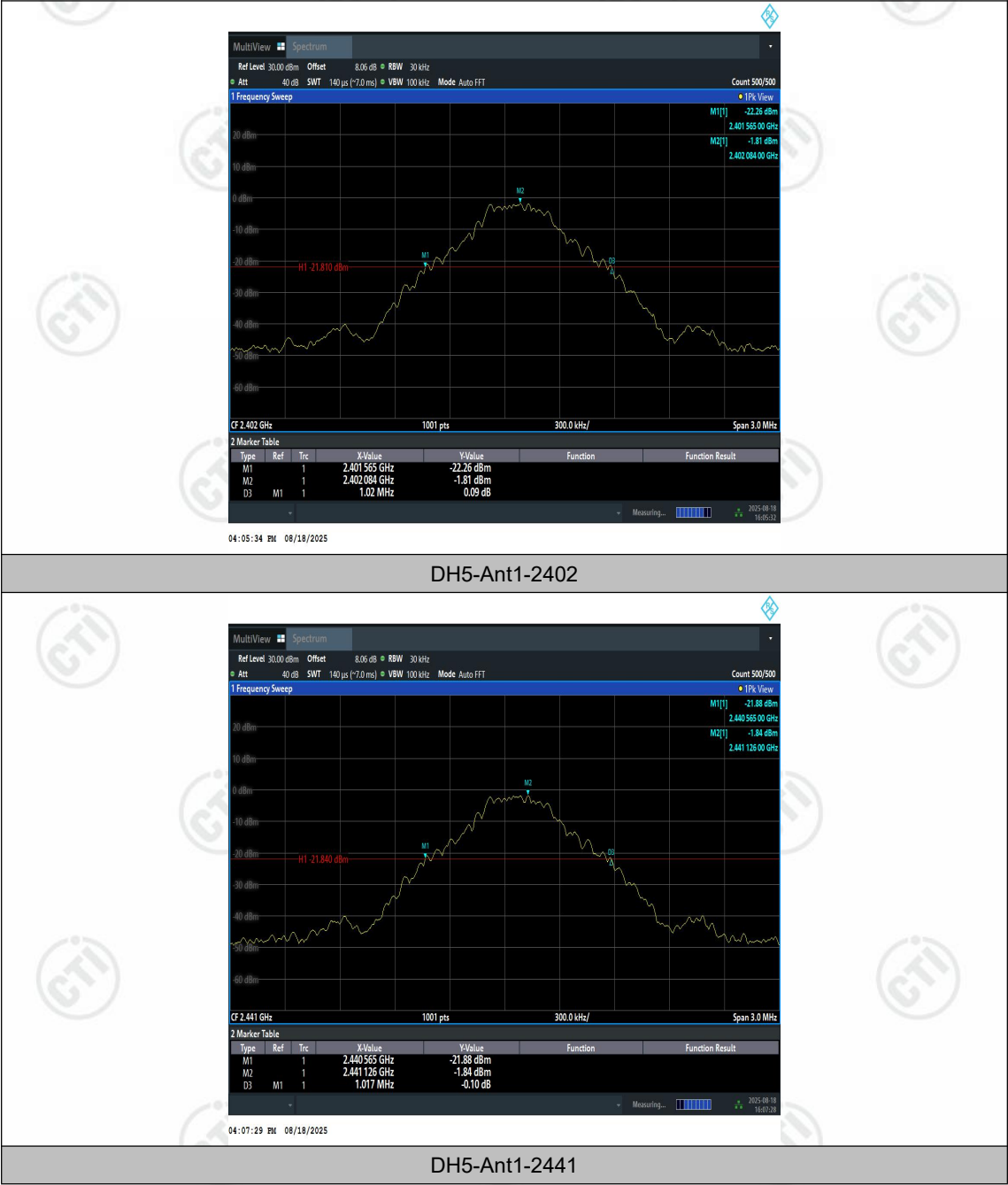
Appendix A: 20dB Emission Bandwidth	3
Test Result	3
Test Graphs	4
Appendix B: Occupied Channel Bandwidth	9
Test Result	9
Test Graphs	10
Appendix C: Maximum conducted output power	15
Test Result Peak	15
Test Graphs	16
Appendix D: Carrier frequency separation	21
Test Result	21
Test Graphs	22
Appendix E: Time of occupancy	24
Test Result	24
Test Graphs	25
Appendix F: Number of hopping channels	30
Test Result	30
Test Graphs	31
Appendix G: Band edge measurements	33
Test Result	33
Test Graphs	34
Appendix H: Conducted Spurious Emission	40
Test Result	40
Test Graphs	41
Appendix I: Duty Cycle	55
Test Result	55
Test Graphs	56

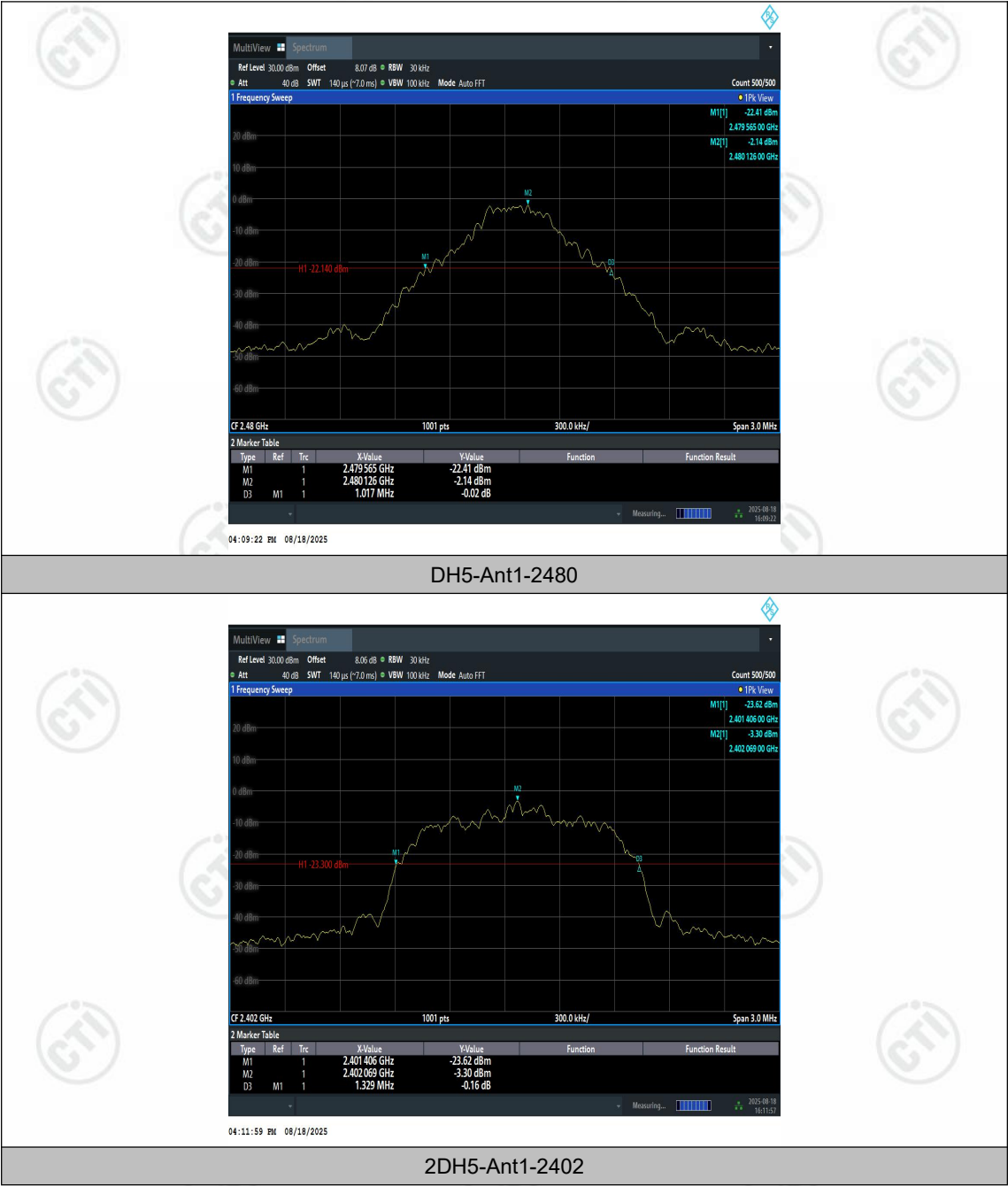
Appendix A: 20dB Emission Bandwidth

Test Result

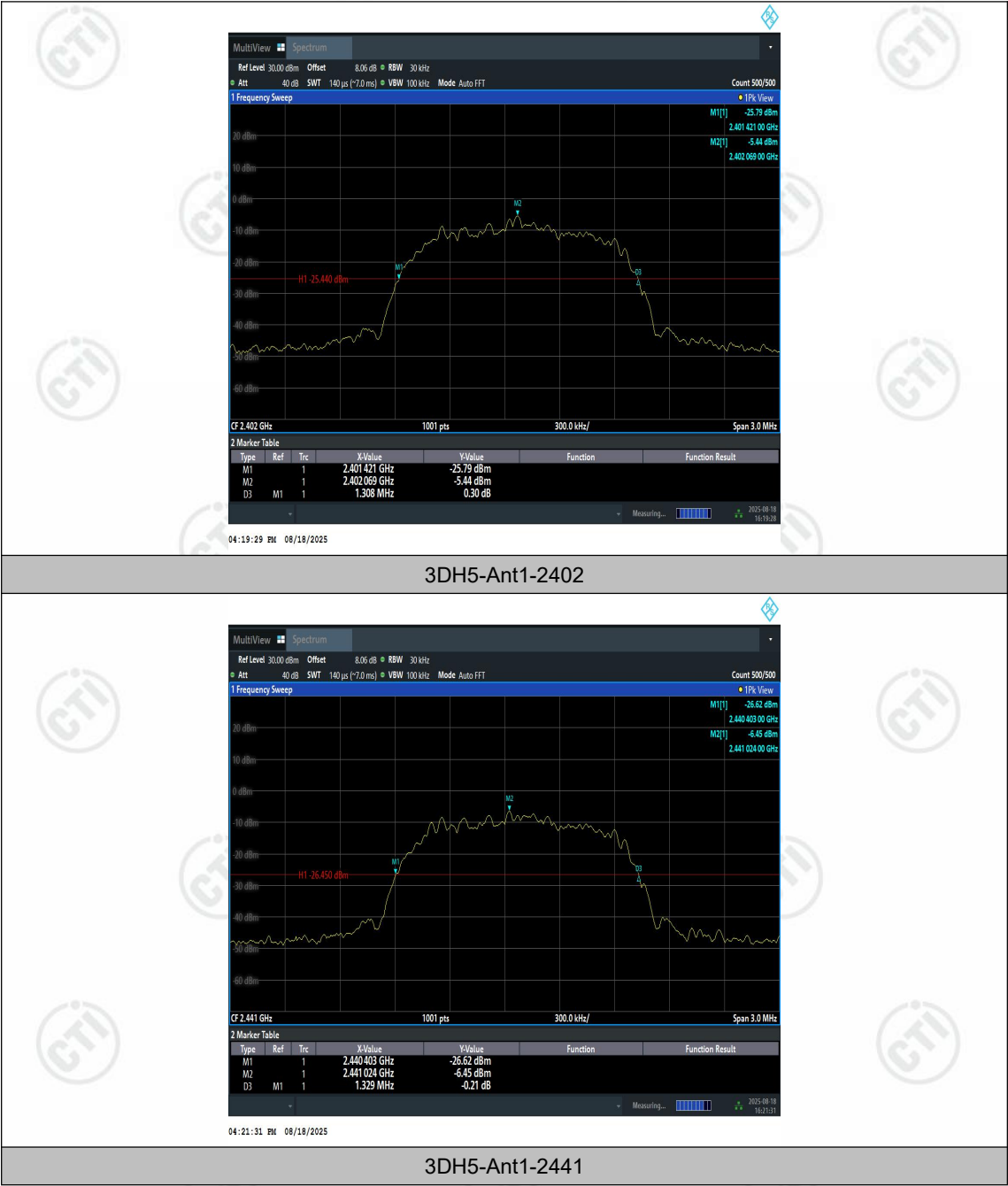
TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.02	2401.57	2402.59	---	---
DH5	Ant1	2441	1.02	2440.57	2441.58	---	---
DH5	Ant1	2480	1.02	2479.57	2480.58	---	---
2DH5	Ant1	2402	1.33	2401.41	2402.74	---	---
2DH5	Ant1	2441	1.34	2440.40	2441.74	---	---
2DH5	Ant1	2480	1.33	2479.40	2480.73	---	---
3DH5	Ant1	2402	1.31	2401.42	2402.73	---	---
3DH5	Ant1	2441	1.33	2440.40	2441.73	---	---
3DH5	Ant1	2480	1.33	2479.40	2480.73	---	---

Test Graphs











Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	0.86492	2401.6375	2402.5024	---	---
DH5	Ant1	2441	0.86498	2440.6346	2441.4996	---	---
DH5	Ant1	2480	0.86618	2479.6335	2480.4997	---	---
2DH5	Ant1	2402	1.1842	2401.4798	2402.6640	---	---
2DH5	Ant1	2441	1.1789	2440.4798	2441.6587	---	---
2DH5	Ant1	2480	1.1761	2479.4784	2480.6546	---	---
3DH5	Ant1	2402	1.1871	2401.4796	2402.6667	---	---
3DH5	Ant1	2441	1.1934	2440.4736	2441.6669	---	---
3DH5	Ant1	2480	1.1870	2479.4755	2480.6625	---	---

Test Graphs











Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	1.58	≤30	PASS
DH5	Ant1	2441	1.64	≤20.97	PASS
DH5	Ant1	2480	1.23	≤20.97	PASS
2DH5	Ant1	2402	1.82	≤30	PASS
2DH5	Ant1	2441	1.86	≤20.97	PASS
2DH5	Ant1	2480	1.40	≤20.97	PASS
3DH5	Ant1	2402	0.39	≤30	PASS
3DH5	Ant1	2441	0.33	≤20.97	PASS
3DH5	Ant1	2480	-0.03	≤20.97	PASS

Test Graphs

