

Appendix: Bluetooth Classic

Contents

Appendix A: 20dB Emission Bandwidth 3

 Test Result 3

 Test Graphs 4

Appendix B: Occupied Channel Bandwidth5

 Test Result 5

 Test Graphs 6

wAppendix C: Maximum conducted output power 7

 Test Result Peak 7

 Test Graphs 8

Appendix D: Carrier frequency separation9

 Test Result 9

 Test Graphs 10

Appendix E: Time of occupancy 11

 Test Result 11

 Test Graphs 12

Appendix F: Number of hopping channels13

 Test Result 13

 Test Graphs 14

Appendix G: Band edge measurements15

 Test Result 15

 Test Graphs 16

Appendix H: Conducted Spurious Emission 18

 Test Result 18

 Test Graphs 19

Appendix I: Duty Cycle23

 Test Result 23

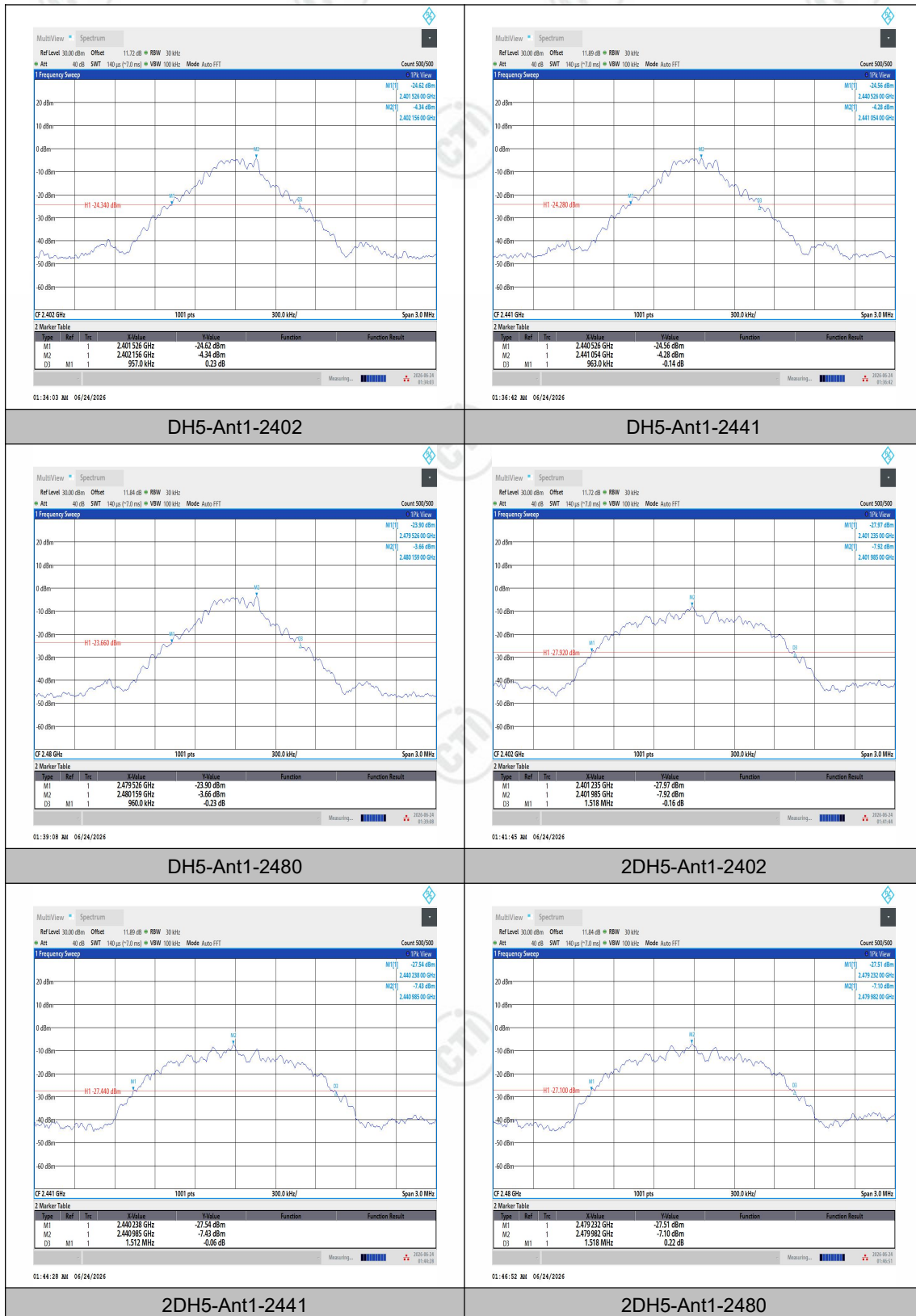
 Test Graphs 24

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.96	2401.53	2402.48	---	---
DH5	Ant1	2441	0.96	2440.53	2441.49	---	---
DH5	Ant1	2480	0.96	2479.53	2480.49	---	---
2DH5	Ant1	2402	1.52	2401.24	2402.75	---	---
2DH5	Ant1	2441	1.51	2440.24	2441.75	---	---
2DH5	Ant1	2480	1.52	2479.23	2480.75	---	---

Test Graphs

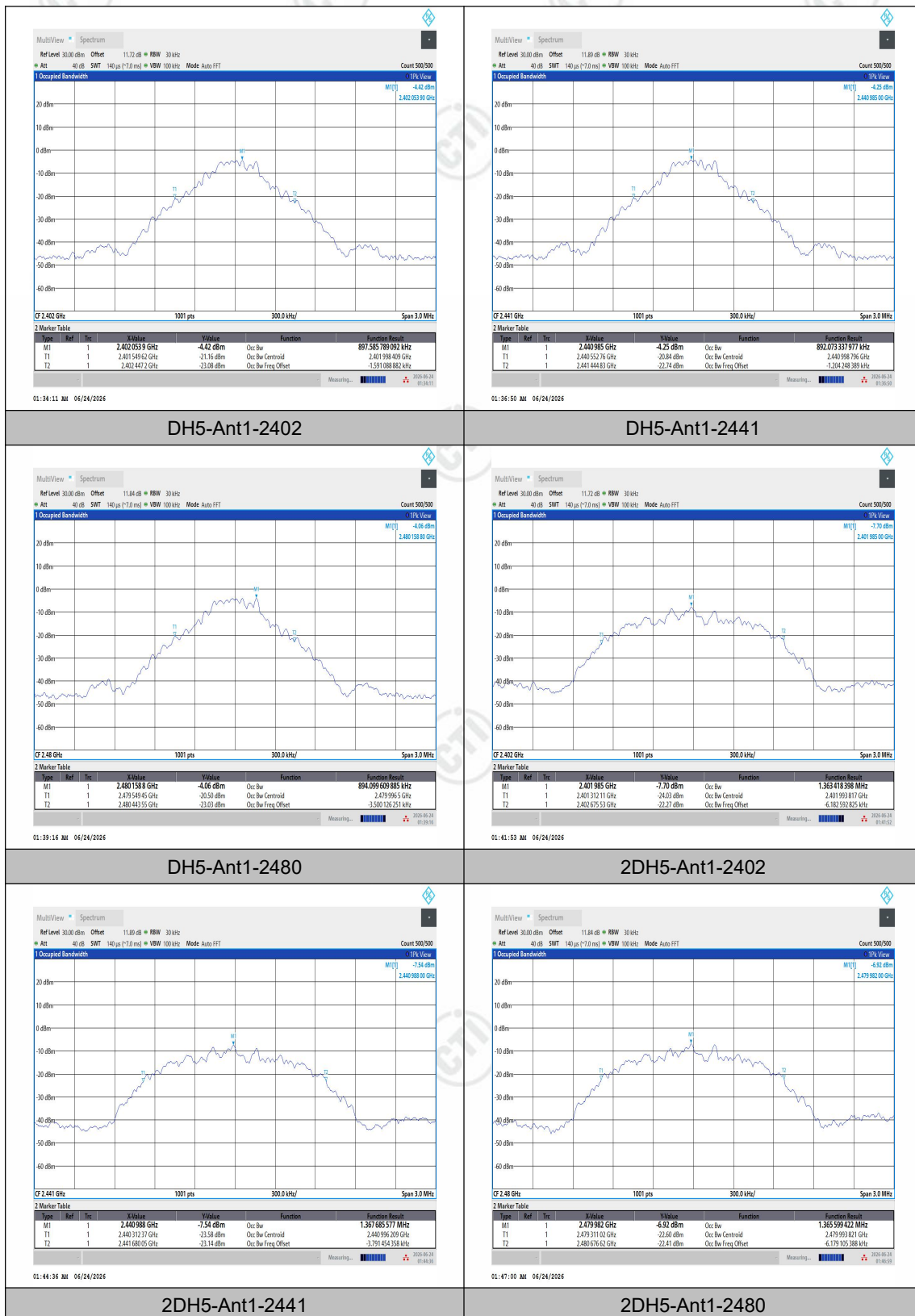


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.89759	2401.54 96	2402.44 72	---	---
DH5	Ant1	2441	0.89207	2440.55 28	2441.44 48	---	---
DH5	Ant1	2480	0.89410	2479.54 95	2480.44 35	---	---
2DH5	Ant1	2402	1.3634	2401.31 21	2402.67 55	---	---
2DH5	Ant1	2441	1.3677	2440.31 24	2441.68 01	---	---
2DH5	Ant1	2480	1.3656	2479.31 10	2480.67 66	---	---

Test Graphs

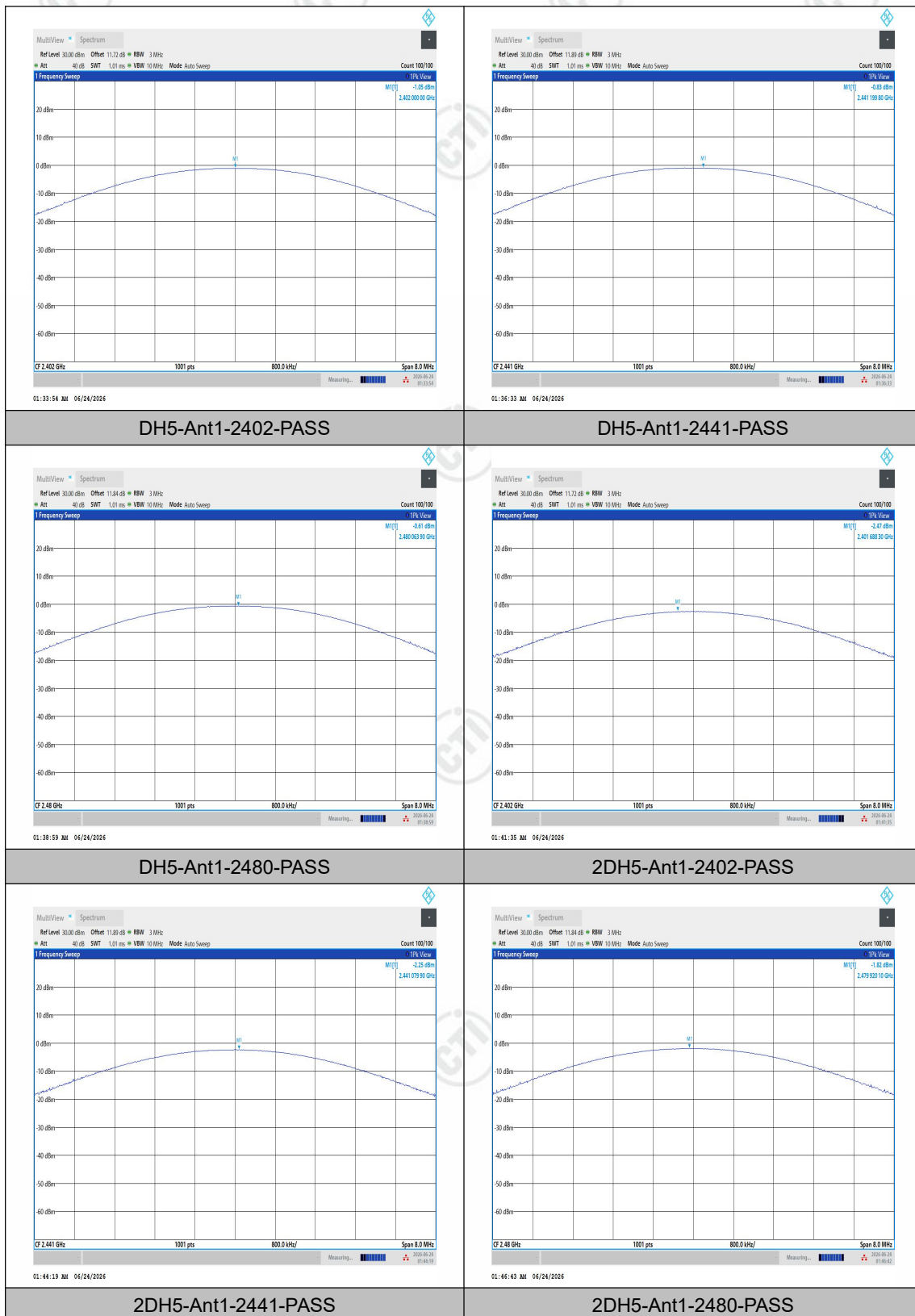


wAppendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	Verdict
DH5	Ant1	2402	-1.05	≤30	-5.27	PASS
DH5	Ant1	2441	-0.83	≤20.97	-5.05	PASS
DH5	Ant1	2480	-0.61	≤20.97	-4.83	PASS
2DH5	Ant1	2402	-2.47	≤30	-6.69	PASS
2DH5	Ant1	2441	-2.25	≤20.97	-6.47	PASS
2DH5	Ant1	2480	-1.82	≤20.97	-6.04	PASS

Test Graphs

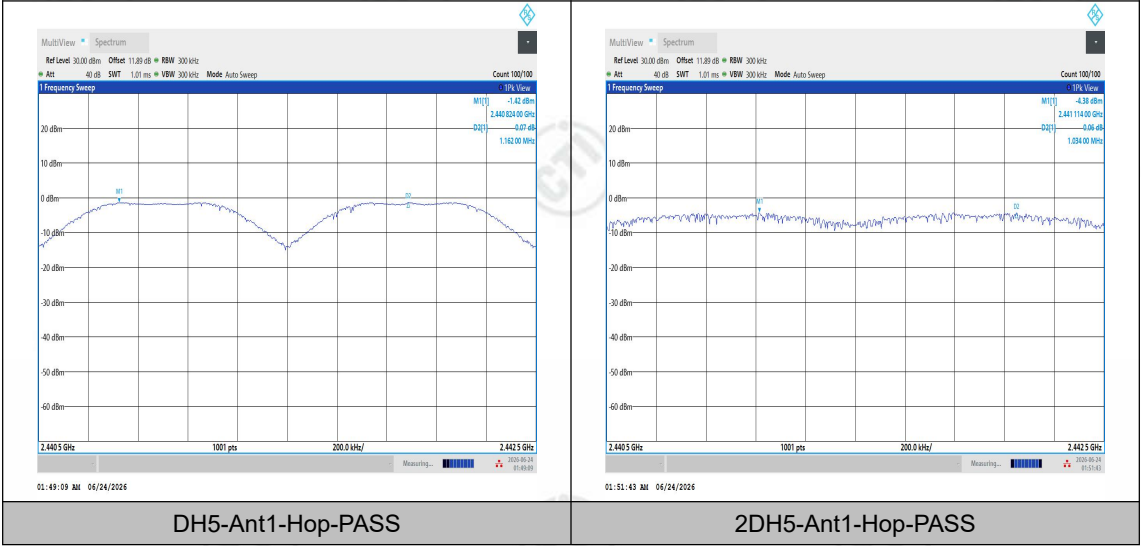


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.162	≥0.960	PASS
2DH5	Ant1	Hop	1.034	≥1.013	PASS

Test Graphs

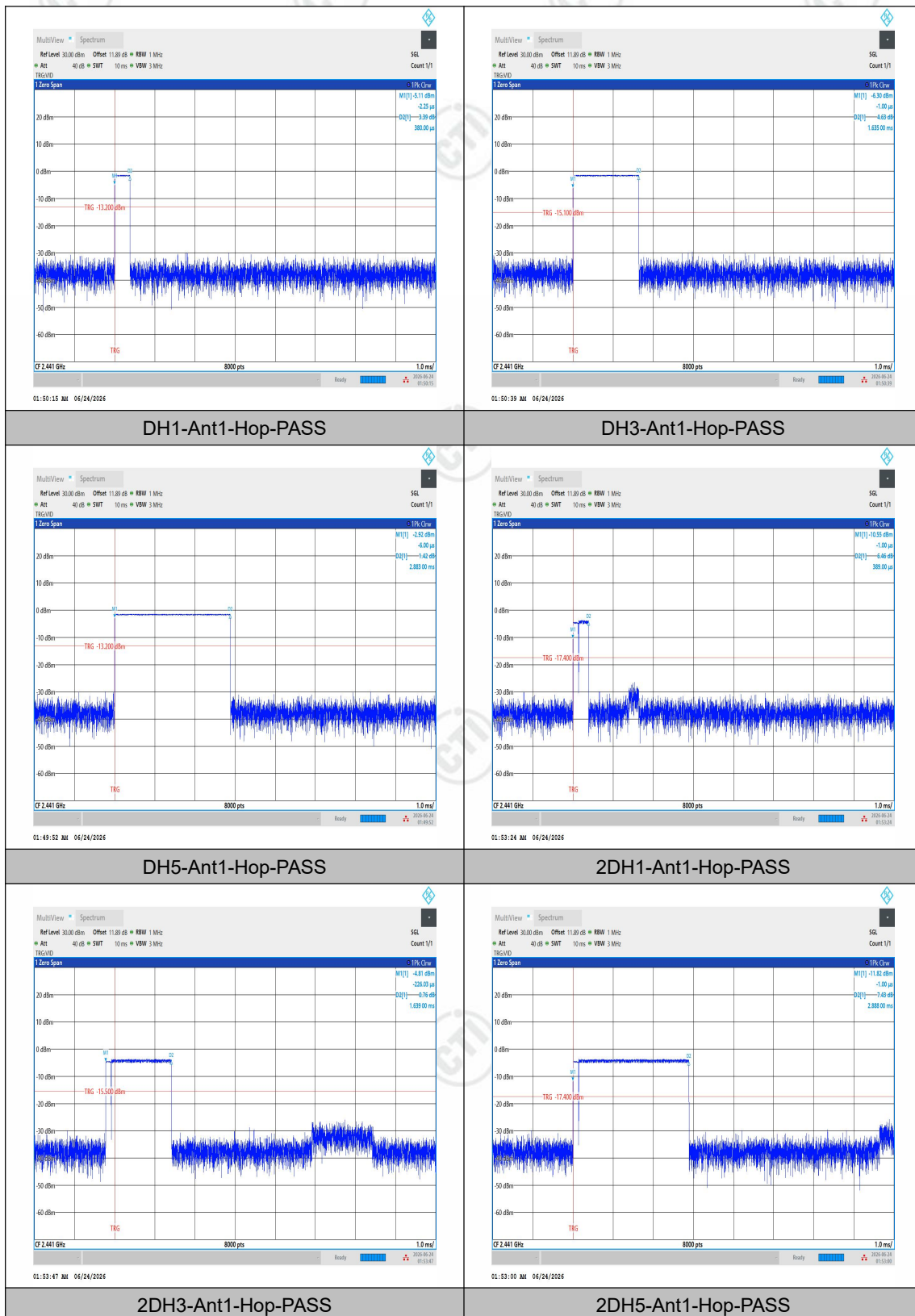


Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.380	320	0.122	≤0.4	PASS
DH3	Ant1	Hop	1.635	160	0.262	≤0.4	PASS
DH5	Ant1	Hop	2.883	106.67	0.308	≤0.4	PASS
2DH1	Ant1	Hop	0.389	320	0.124	≤0.4	PASS
2DH3	Ant1	Hop	1.639	160	0.262	≤0.4	PASS
2DH5	Ant1	Hop	2.888	106.67	0.308	≤0.4	PASS

Test Graphs



Appendix F: Number of hopping channels

Test Result

TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS