

Appendix for Bluetooth

Product Name: CA Essential USB Bluetooth Dongle

Model No: DG-002BT2

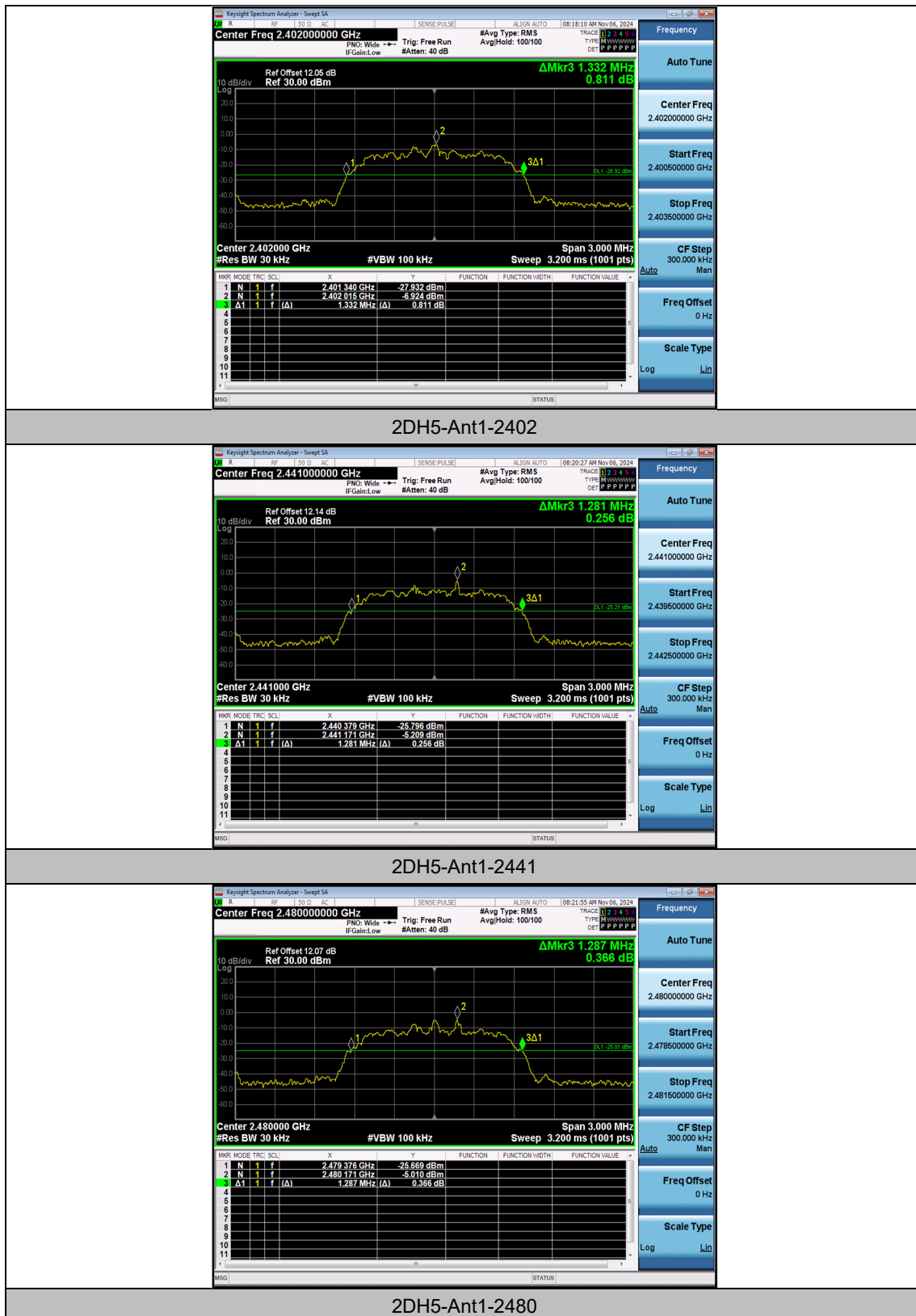
Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.957	2401.547	2402.504	---	---
DH5	Ant1	2441	0.957	2440.544	2441.501	---	---
DH5	Ant1	2480	0.951	2479.550	2480.501	---	---
2DH5	Ant1	2402	1.332	2401.340	2402.672	---	---
2DH5	Ant1	2441	1.281	2440.379	2441.660	---	---
2DH5	Ant1	2480	1.287	2479.376	2480.663	---	---

Test Graphs



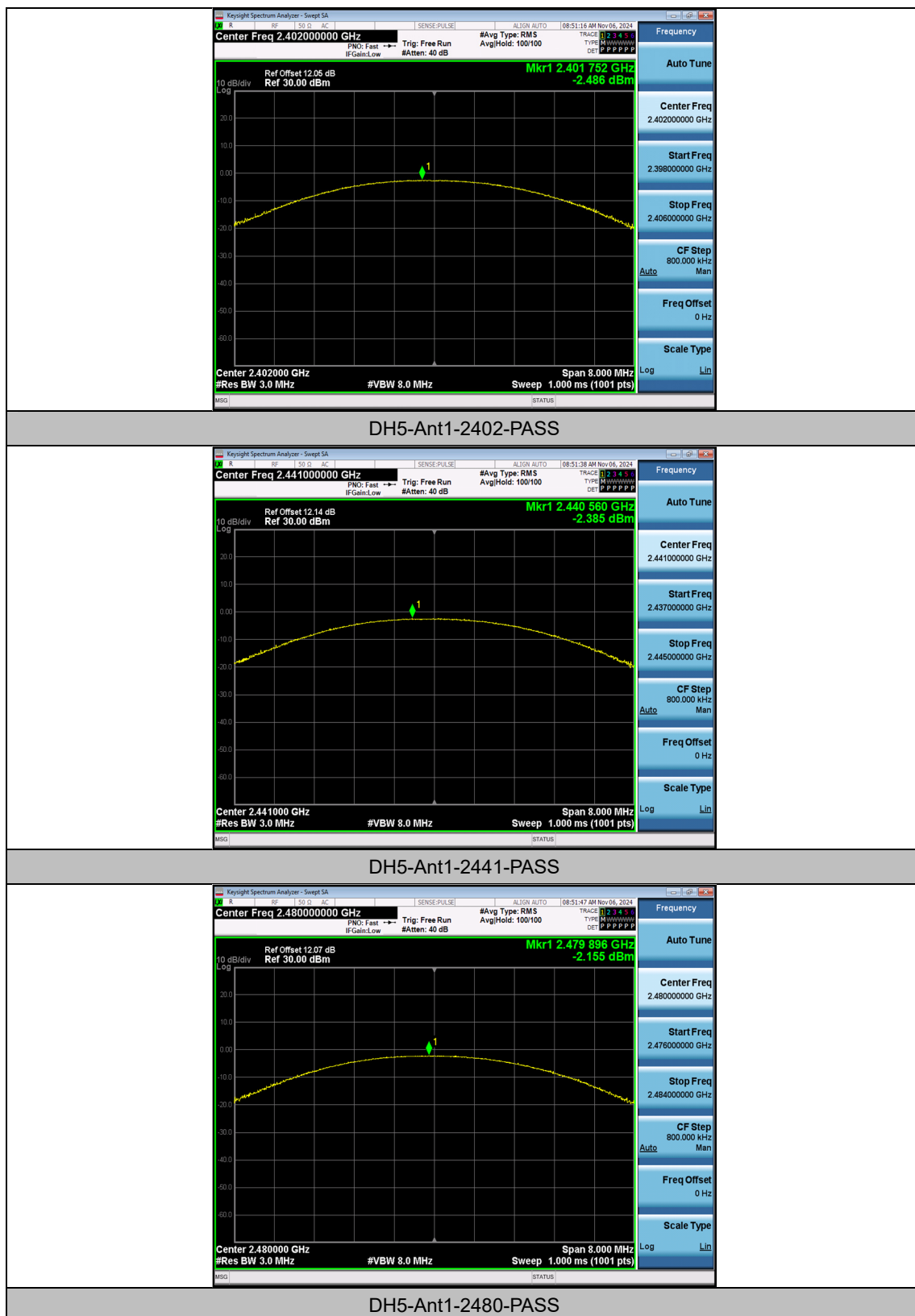


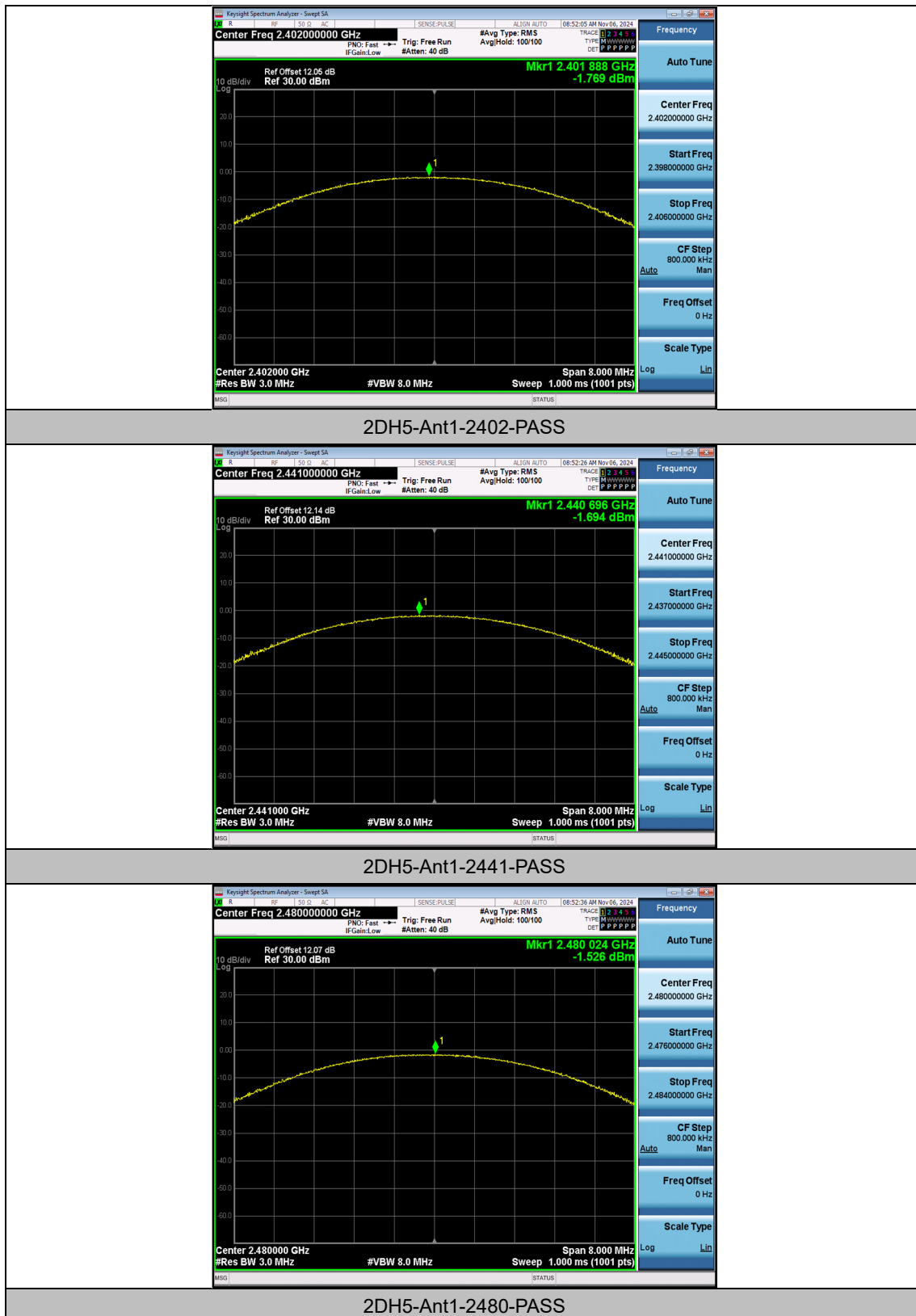
Appendix B: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-2.49	≤ 20.97	PASS
DH5	Ant1	2441	-2.39	≤ 20.97	PASS
DH5	Ant1	2480	-2.16	≤ 20.97	PASS
2DH5	Ant1	2402	-1.77	≤ 20.97	PASS
2DH5	Ant1	2441	-1.69	≤ 20.97	PASS
2DH5	Ant1	2480	-1.53	≤ 20.97	PASS

Test Graphs





Appendix C: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.024	≥ 0.957	PASS
2DH5	Ant1	Hop	0.99	≥ 0.888	PASS

Test Graphs

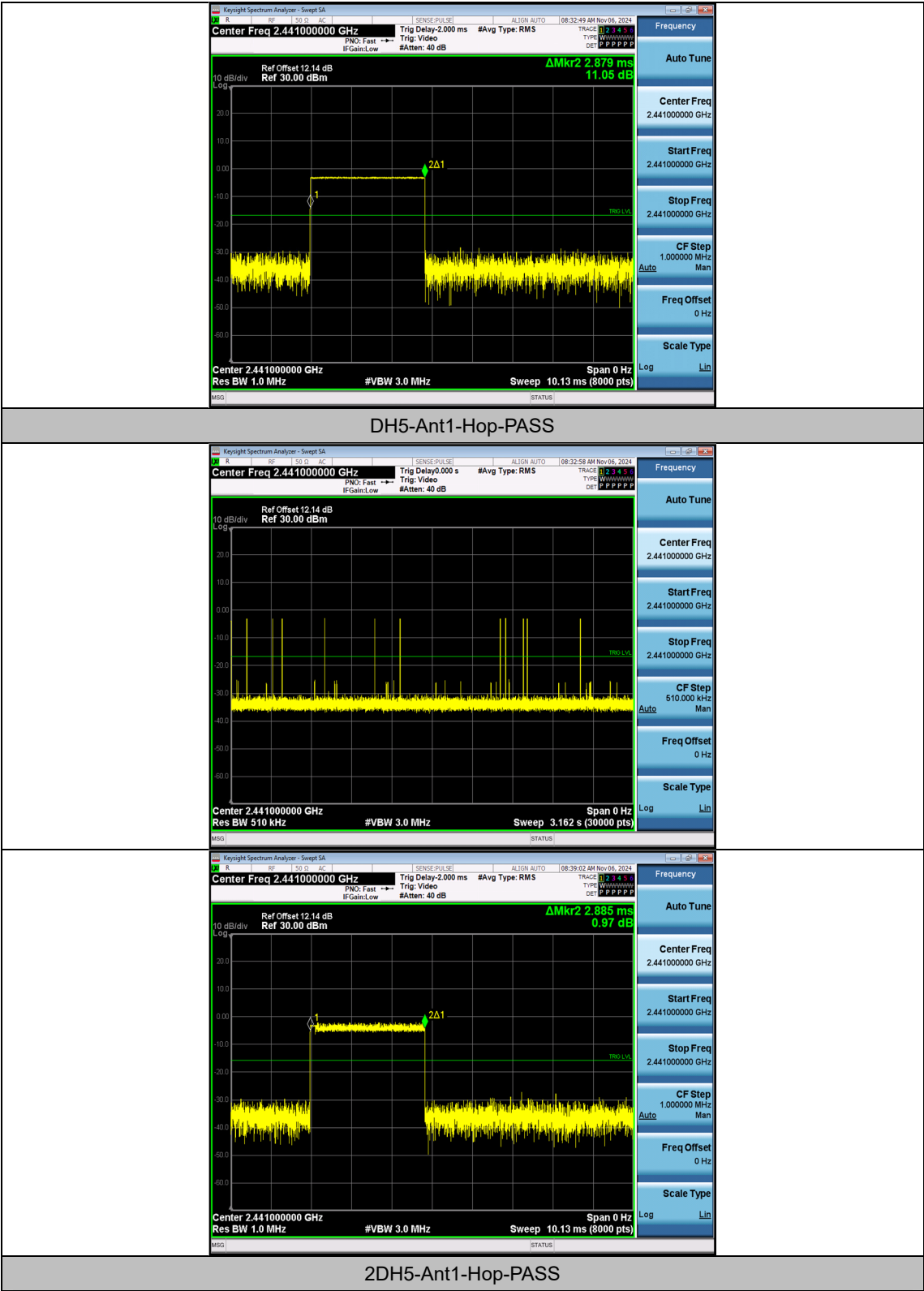


Appendix D: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.879	120	0.345	≤0.4	PASS
2DH5	Ant1	Hop	2.885	130	0.375	≤0.4	PASS

Test Graphs



Appendix E: 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

Test Graphs



Appendix F: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
DH5	Ant1	2402	2402.00	-3.63
DH5	Ant1	2441	2440.87	-3.44
DH5	Ant1	2480	2479.85	-2.93
2DH5	Ant1	2402	2401.86	-3.39
2DH5	Ant1	2441	2440.85	-3.37
2DH5	Ant1	2480	2480.17	-2.91

Test Graphs

