

Appendix for Bluetooth

Product Name: CA Essential Wireless Headset

Model No: HS-1500BT II

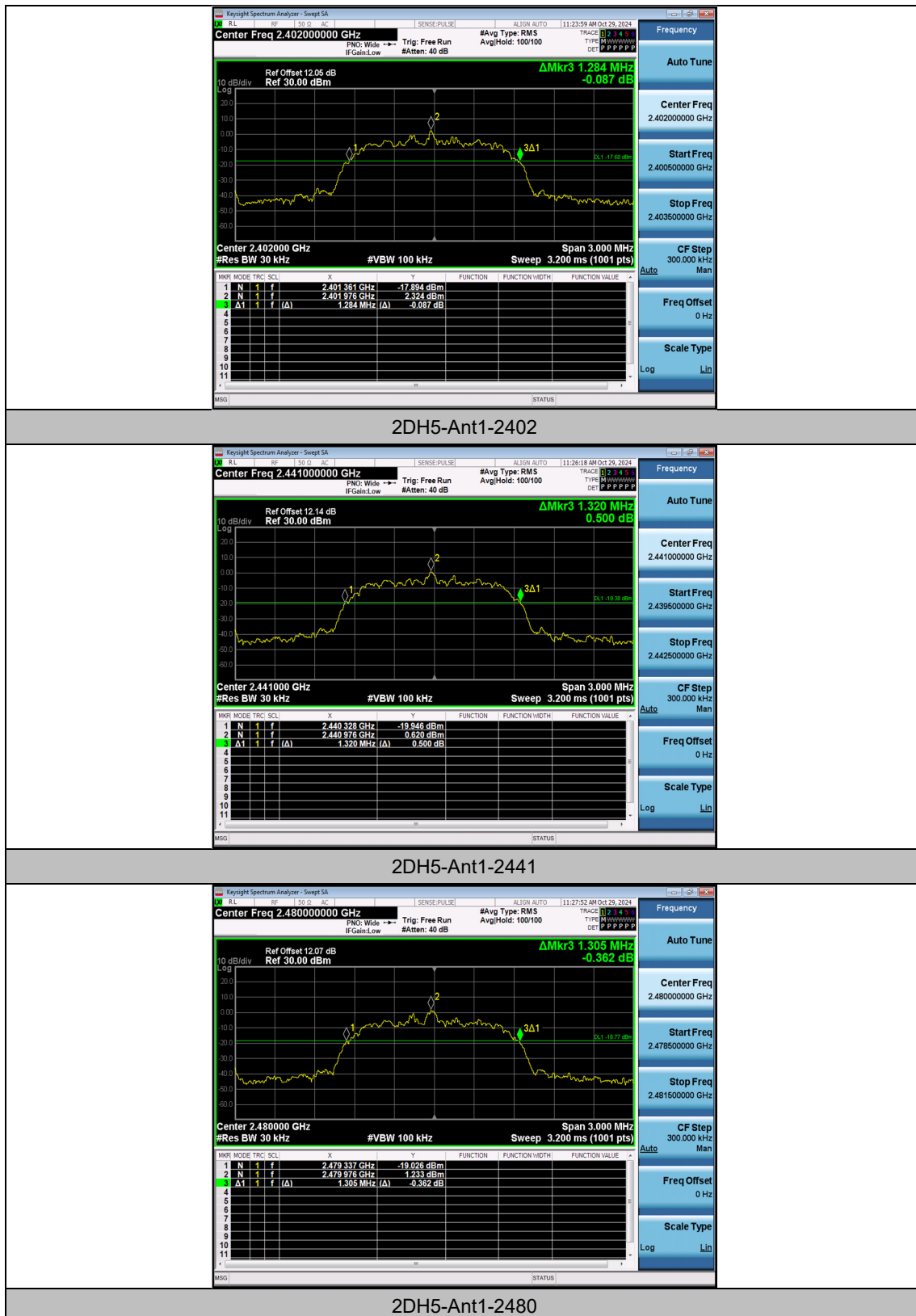
Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.954	2401.529	2402.483	---	---
DH5	Ant1	2441	0.957	2440.526	2441.483	---	---
DH5	Ant1	2480	0.960	2479.523	2480.483	---	---
2DH5	Ant1	2402	1.284	2401.361	2402.645	---	---
2DH5	Ant1	2441	1.320	2440.328	2441.648	---	---
2DH5	Ant1	2480	1.305	2479.337	2480.642	---	---

Test Graphs



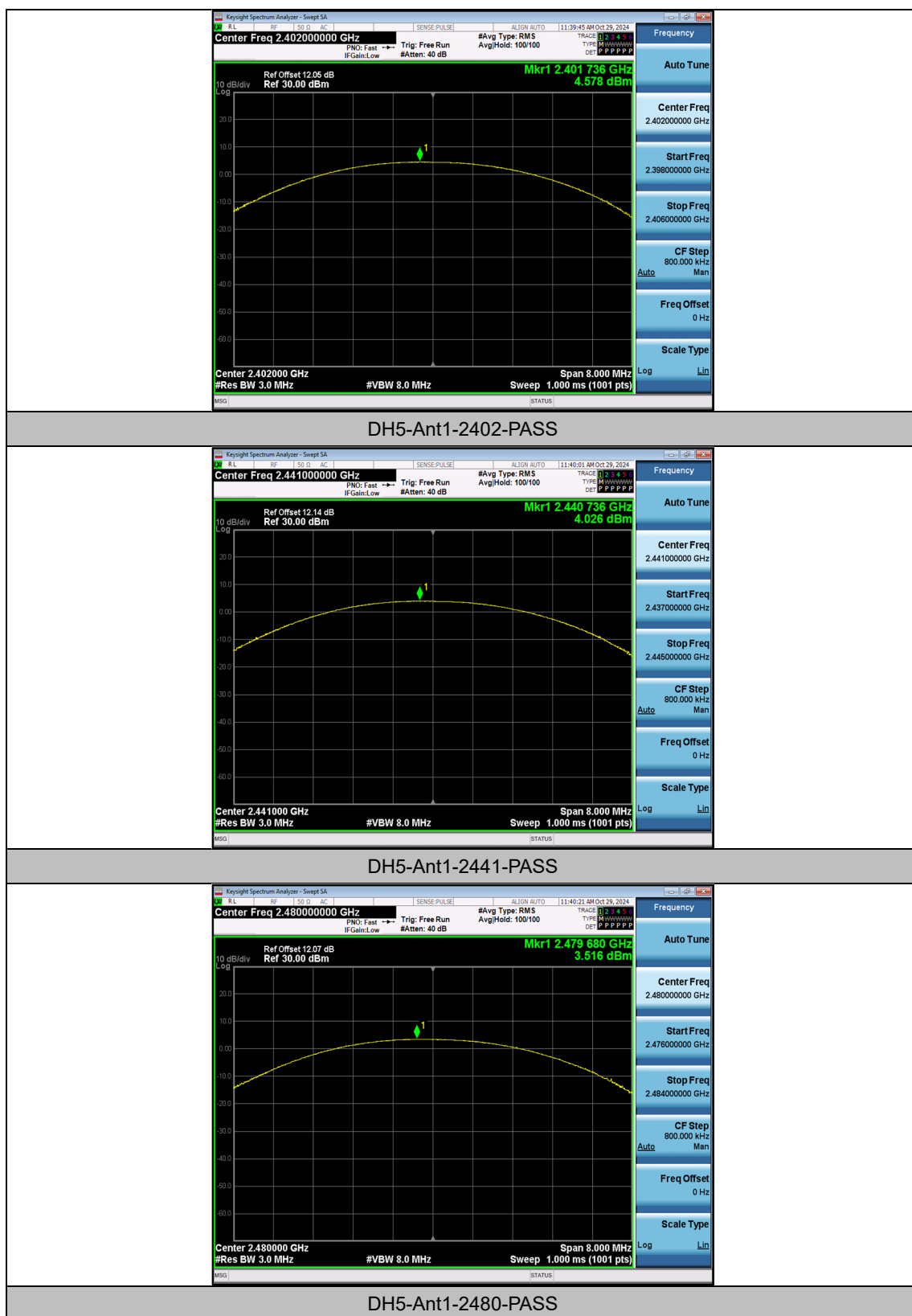


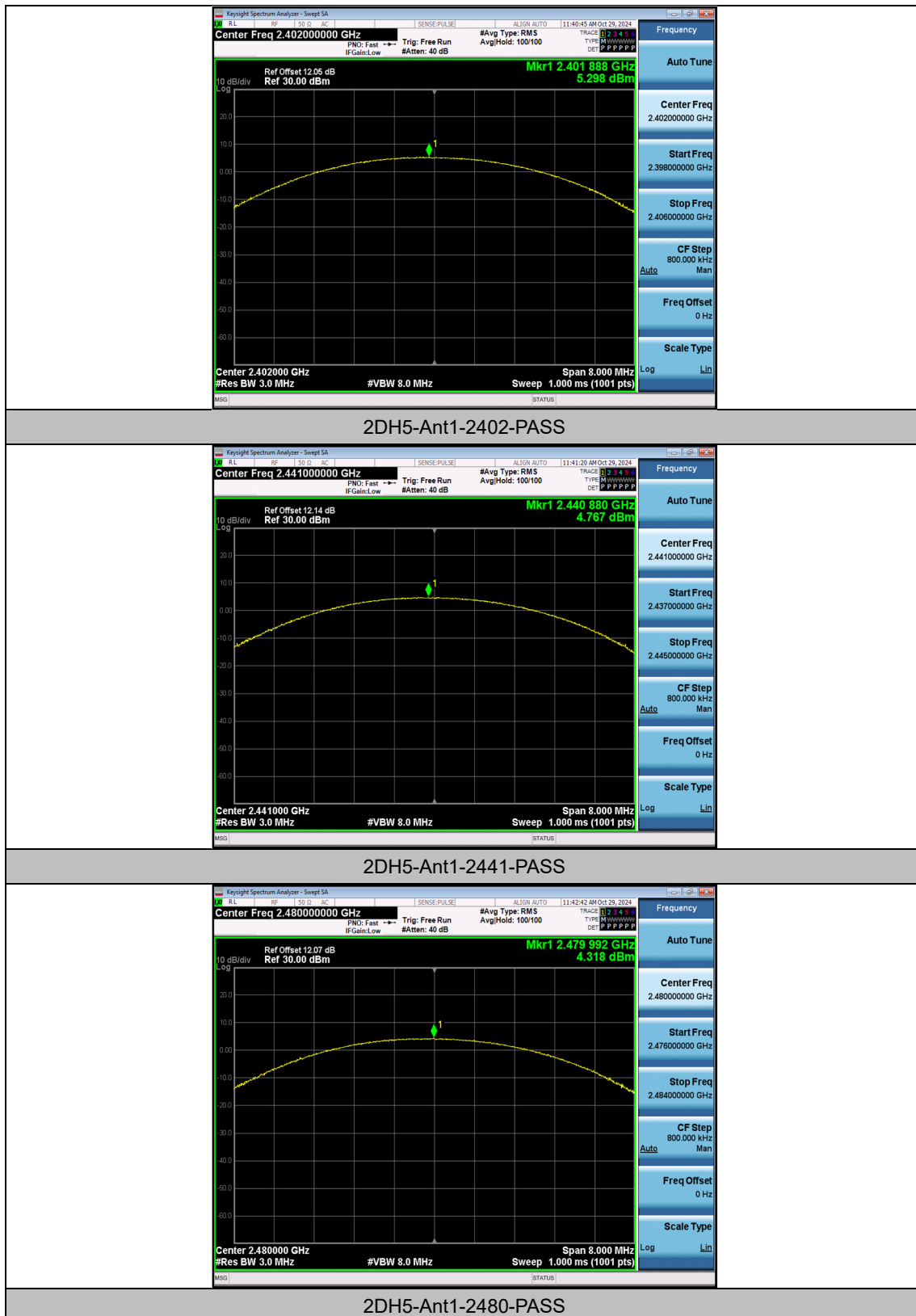
Appendix B: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	4.58	≤ 20.97	PASS
DH5	Ant1	2441	4.03	≤ 20.97	PASS
DH5	Ant1	2480	3.52	≤ 20.97	PASS
2DH5	Ant1	2402	5.30	≤ 20.97	PASS
2DH5	Ant1	2441	4.77	≤ 20.97	PASS
2DH5	Ant1	2480	4.32	≤ 20.97	PASS

Test Graphs





Appendix C: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.998	≥ 0.960	PASS
2DH5	Ant1	Hop	0.99	≥ 0.880	PASS

Test Graphs

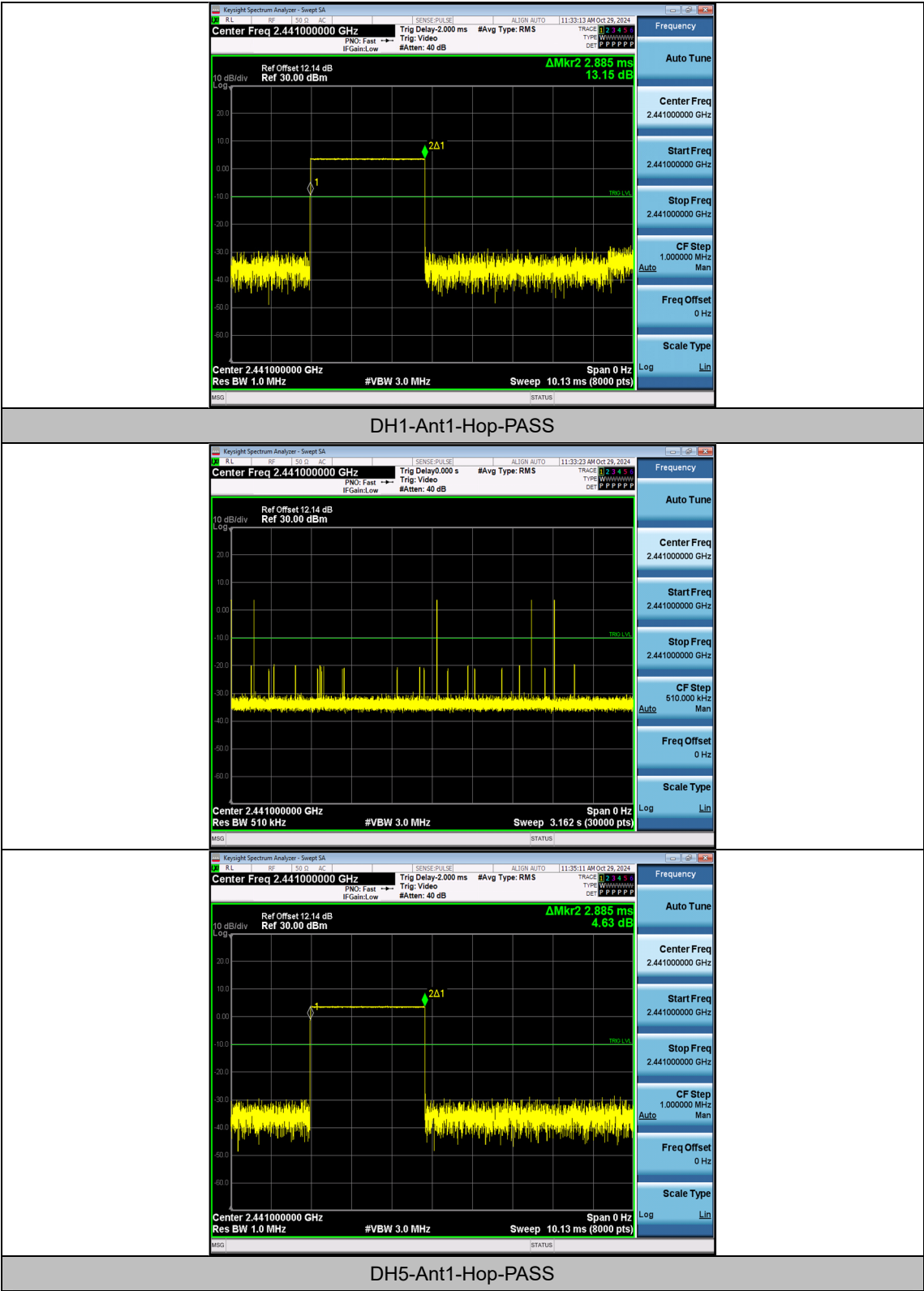


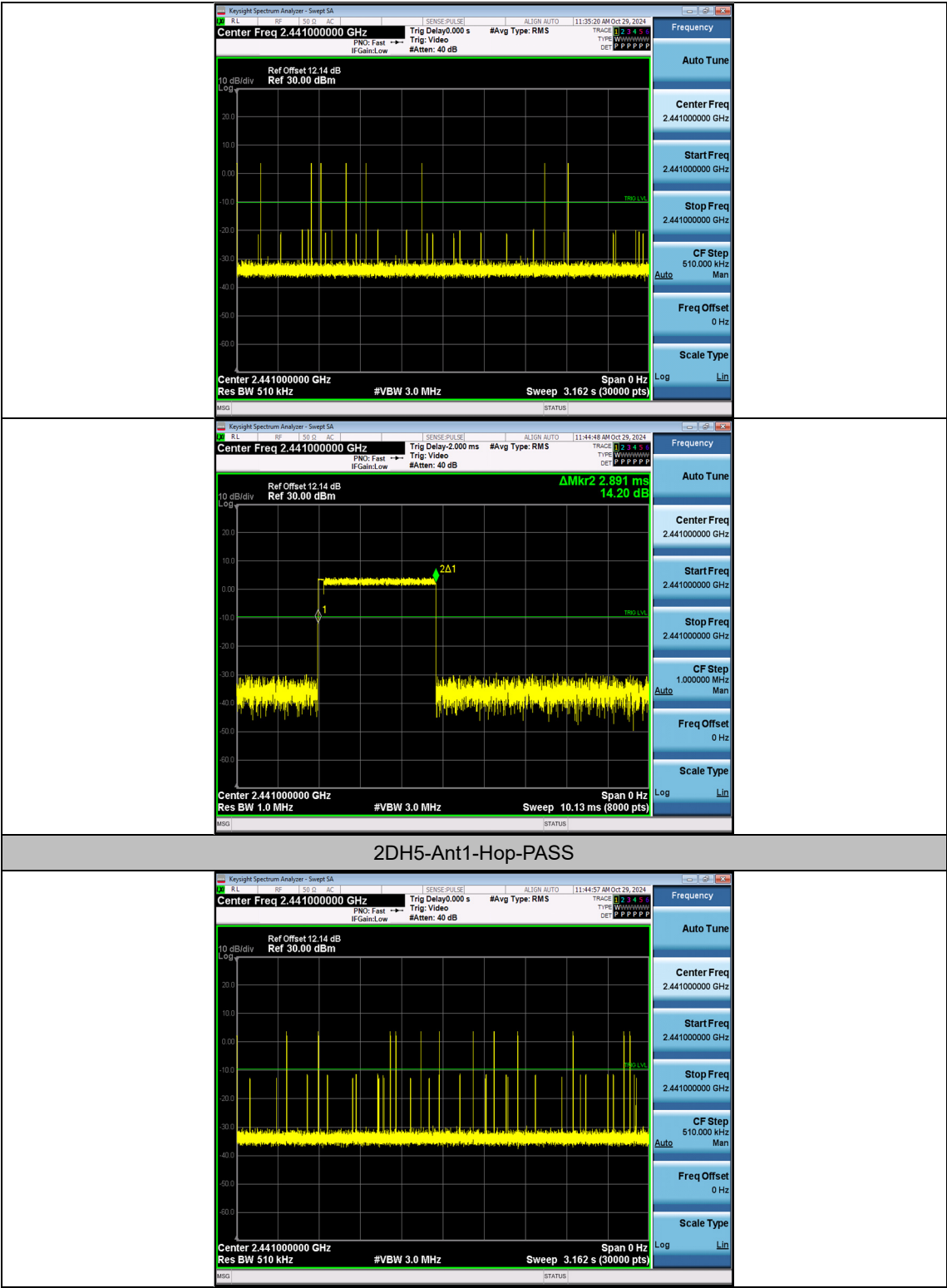
Appendix D: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	2.885	50	0.144	≤0.4	PASS
DH5	Ant1	Hop	2.885	90	0.26	≤0.4	PASS
2DH5	Ant1	Hop	2.891	130	0.376	≤0.4	PASS

Test Graphs



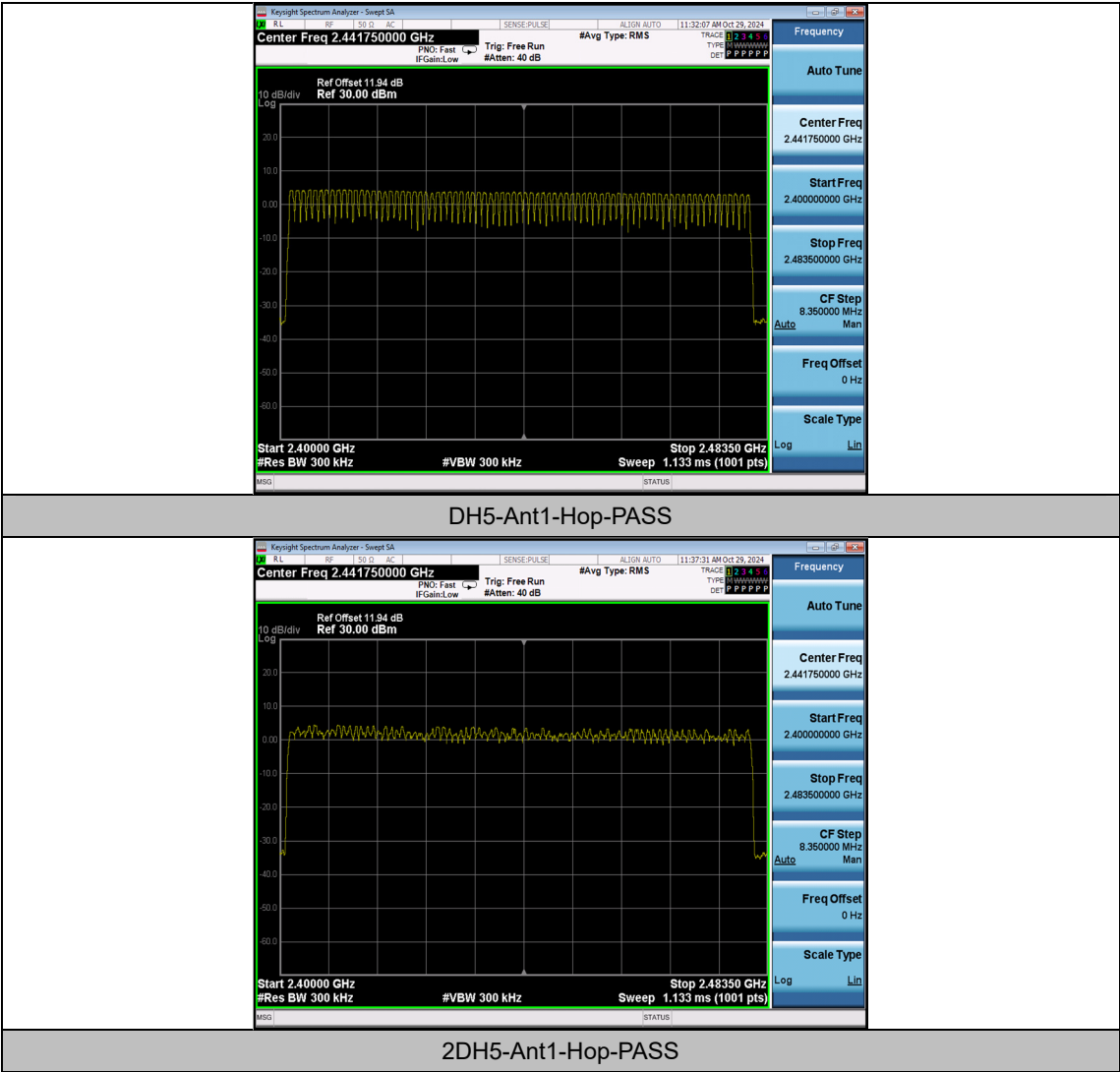


Appendix E: Number of hopping channels

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	2401.98	4.19
DH5	Ant1	2441	2440.83	3.56
DH5	Ant1	2480	2480.15	3.07
2DH5	Ant1	2402	2401.97	4.16
2DH5	Ant1	2441	2440.97	3.62
2DH5	Ant1	2480	2479.84	3.10