

Appendix for Bluetooth

Product Name: BLUETOOTH SPEAKER

Model No: GMAX-S7500

Appendix A: 20dB Emission Bandwidth

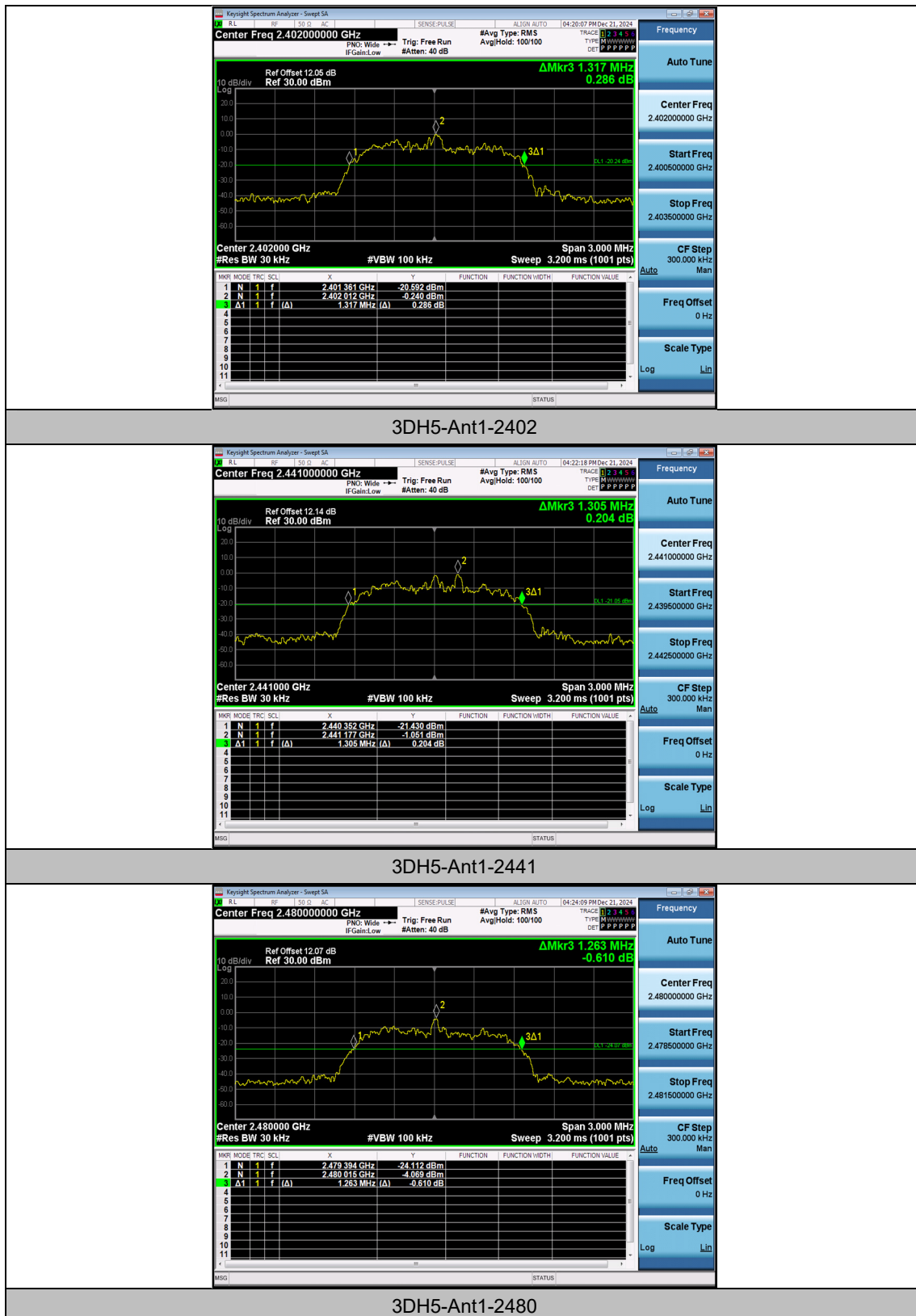
Test Result

TestMode	Antenna	Frequency [MHz]	20db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.044	2401.502	2402.546	---	---
DH5	Ant1	2441	1.023	2440.511	2441.534	---	---
DH5	Ant1	2480	1.029	2479.499	2480.528	---	---
2DH5	Ant1	2402	1.302	2401.382	2402.684	---	---
2DH5	Ant1	2441	1.323	2440.355	2441.678	---	---
2DH5	Ant1	2480	1.308	2479.373	2480.681	---	---
3DH5	Ant1	2402	1.317	2401.361	2402.678	---	---
3DH5	Ant1	2441	1.305	2440.352	2441.657	---	---
3DH5	Ant1	2480	1.263	2479.394	2480.657	---	---

Test Graphs





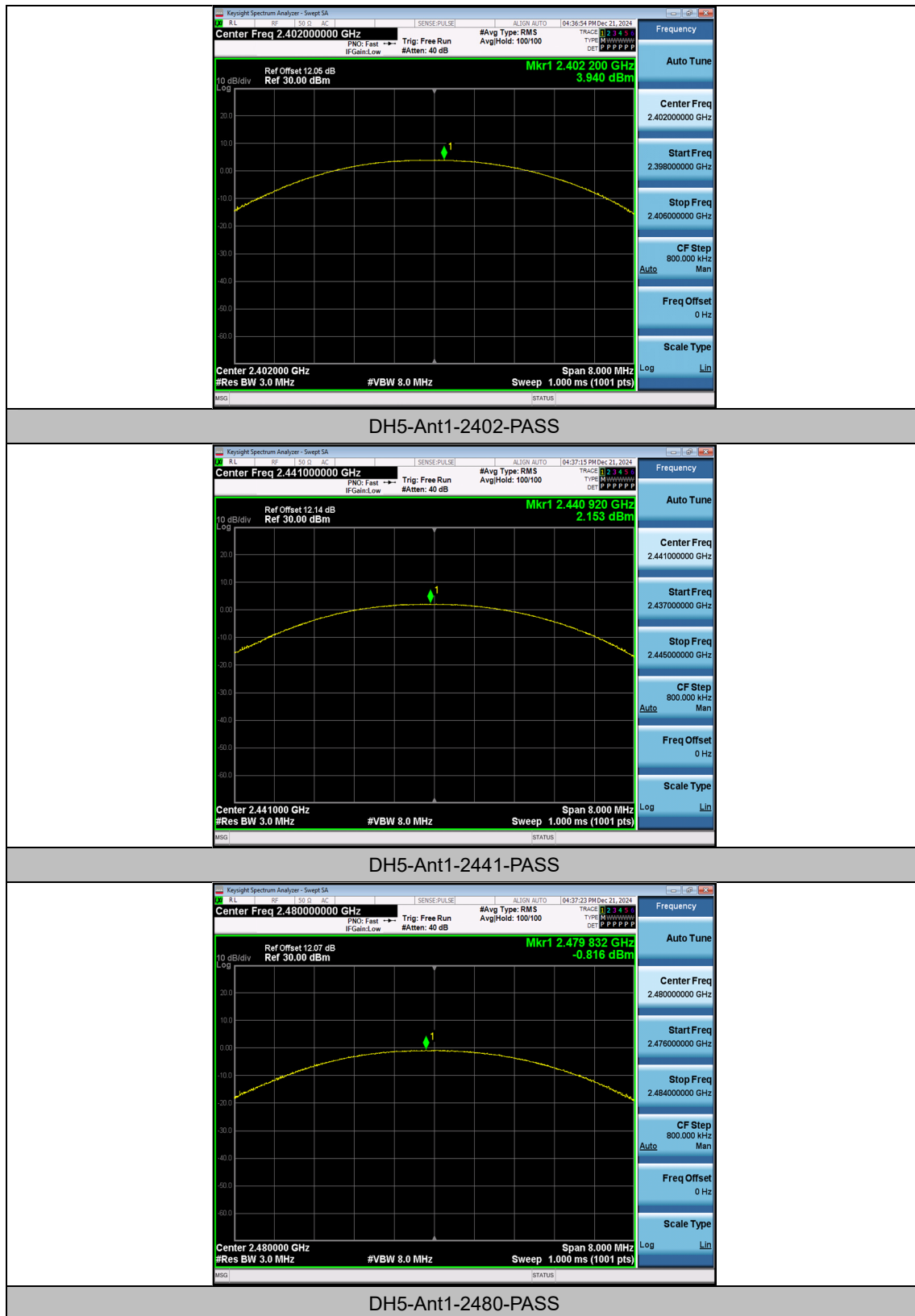


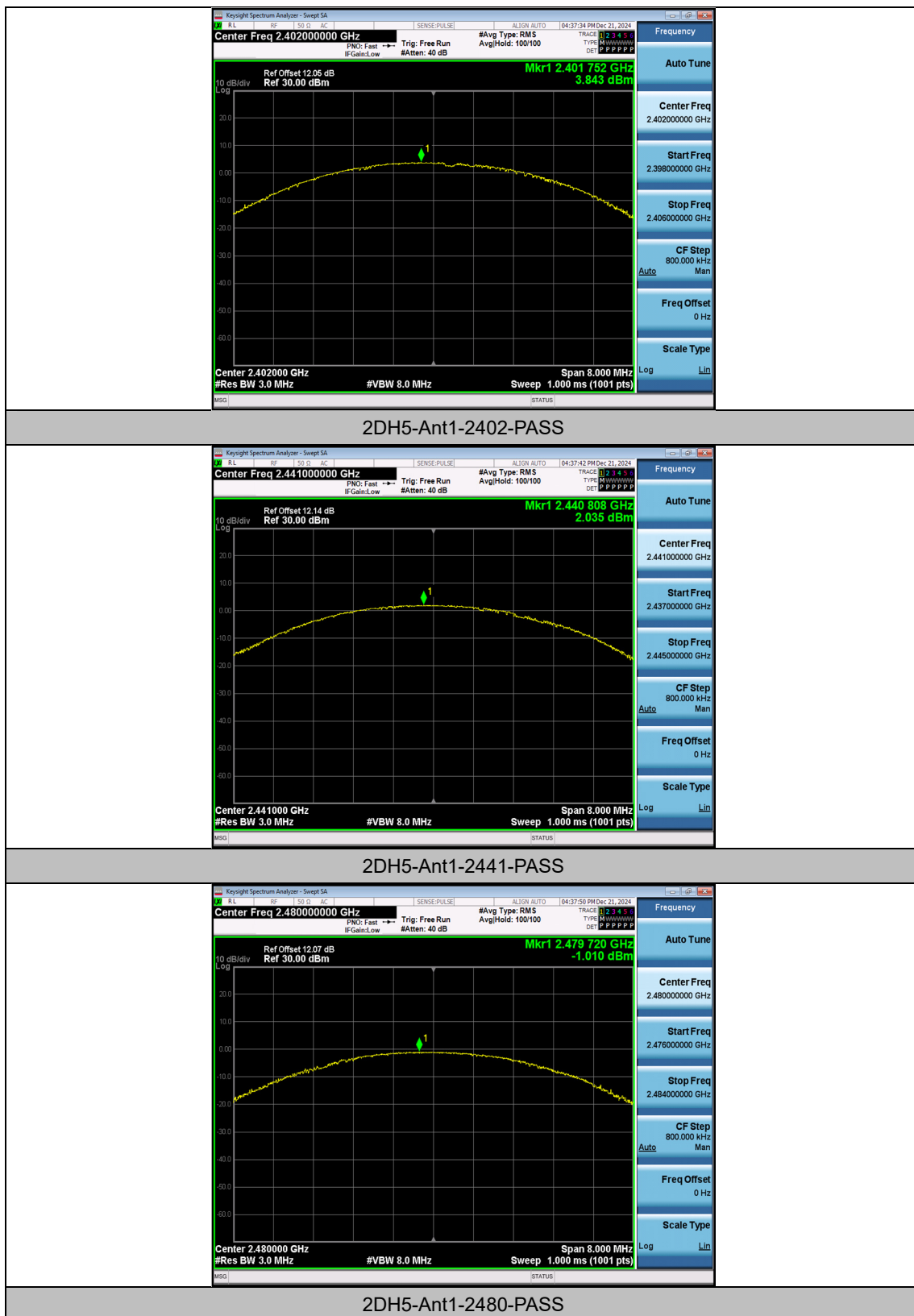
Appendix B: Maximum conducted output power

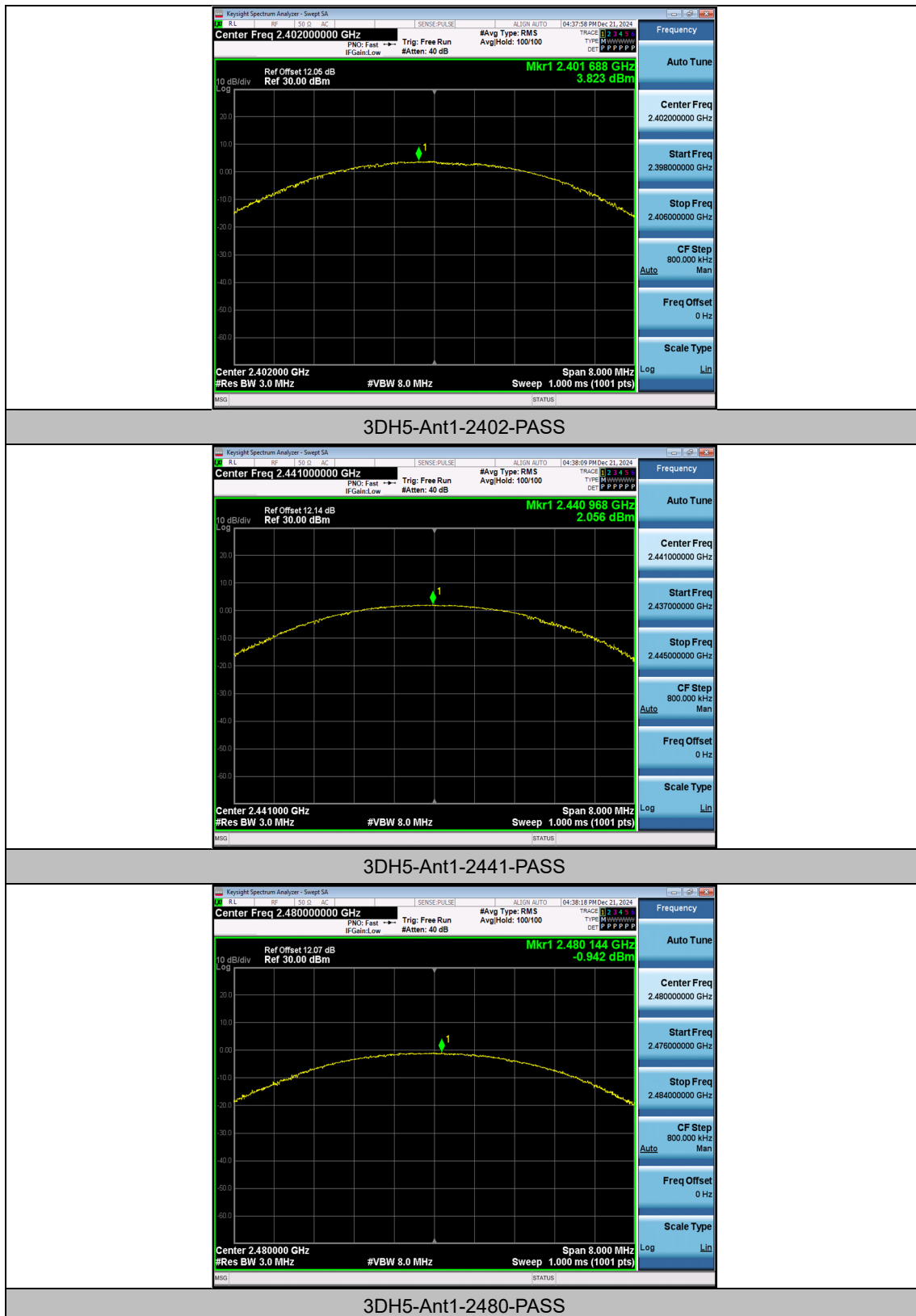
Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	3.94	≤20.97	PASS
DH5	Ant1	2441	2.15	≤20.97	PASS
DH5	Ant1	2480	-0.82	≤20.97	PASS
2DH5	Ant1	2402	3.84	≤20.97	PASS
2DH5	Ant1	2441	2.04	≤20.97	PASS
2DH5	Ant1	2480	-1.01	≤20.97	PASS
3DH5	Ant1	2402	3.82	≤20.97	PASS
3DH5	Ant1	2441	2.06	≤20.97	PASS
3DH5	Ant1	2480	-0.94	≤20.97	PASS

Test Graphs





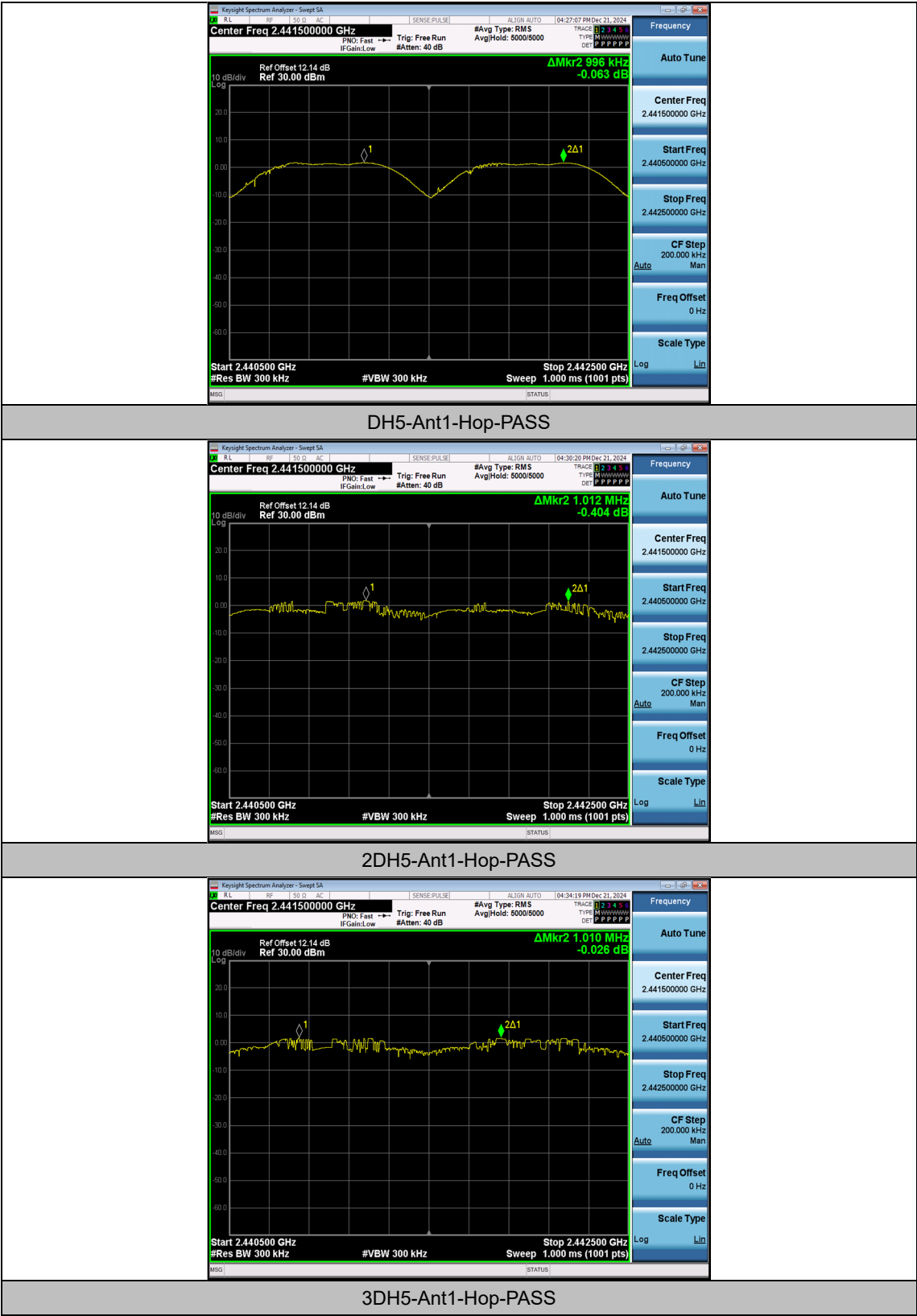


Appendix C: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.996	≥ 0.696	PASS
2DH5	Ant1	Hop	1.012	≥ 0.882	PASS
3DH5	Ant1	Hop	1.010	≥ 0.878	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	2.891	130	0.376	≤0.4	PASS
2DH5	Ant1	Hop	2.887	80	0.231	≤0.4	PASS
3DH5	Ant1	Hop	2.887	120	0.346	≤0.4	PASS