

Appendix for Bluetooth

Product Name: BLUETOOTH SPEAKER

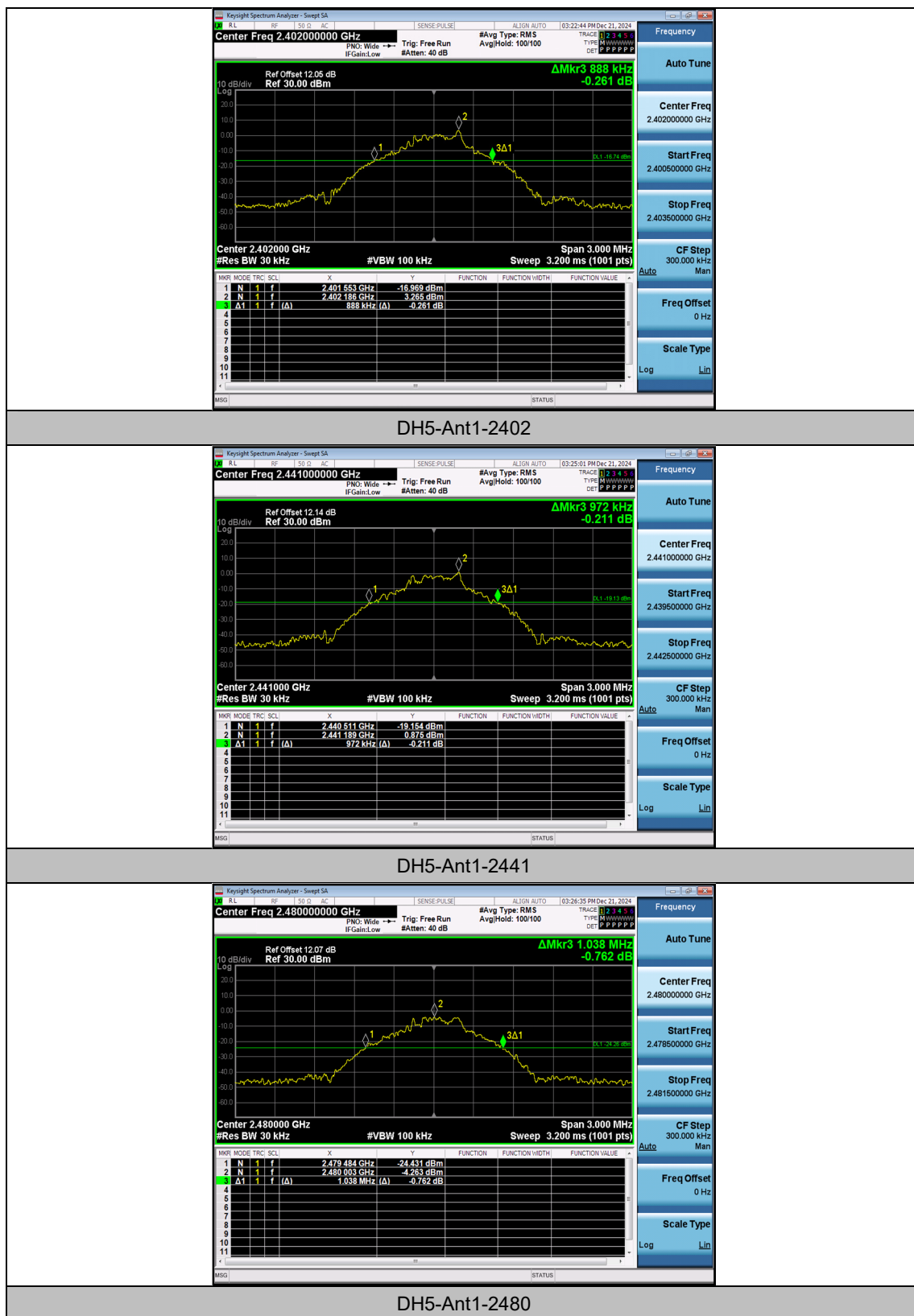
Model No: GMAX-S6500

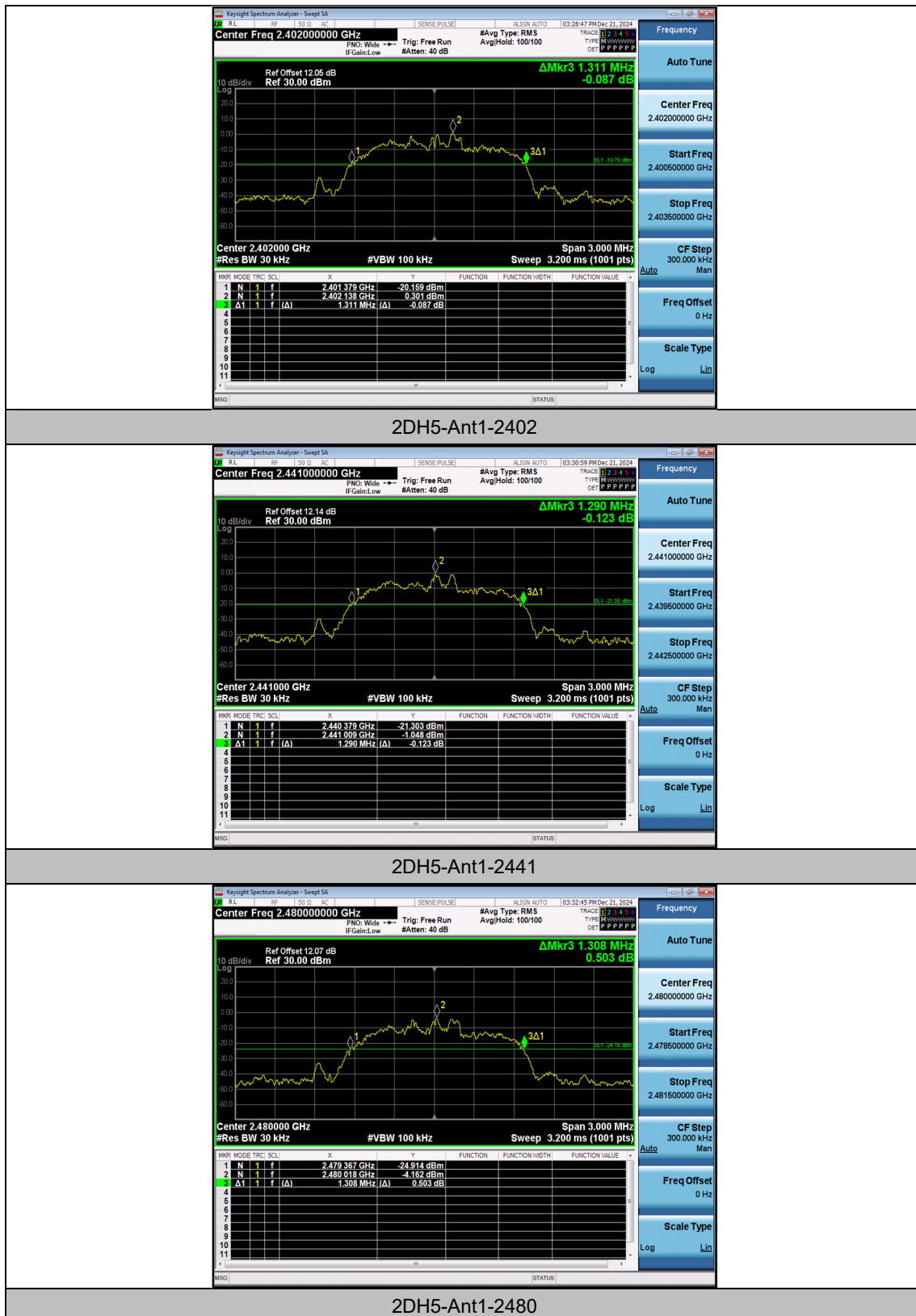
Appendix A: 20dB Emission Bandwidth

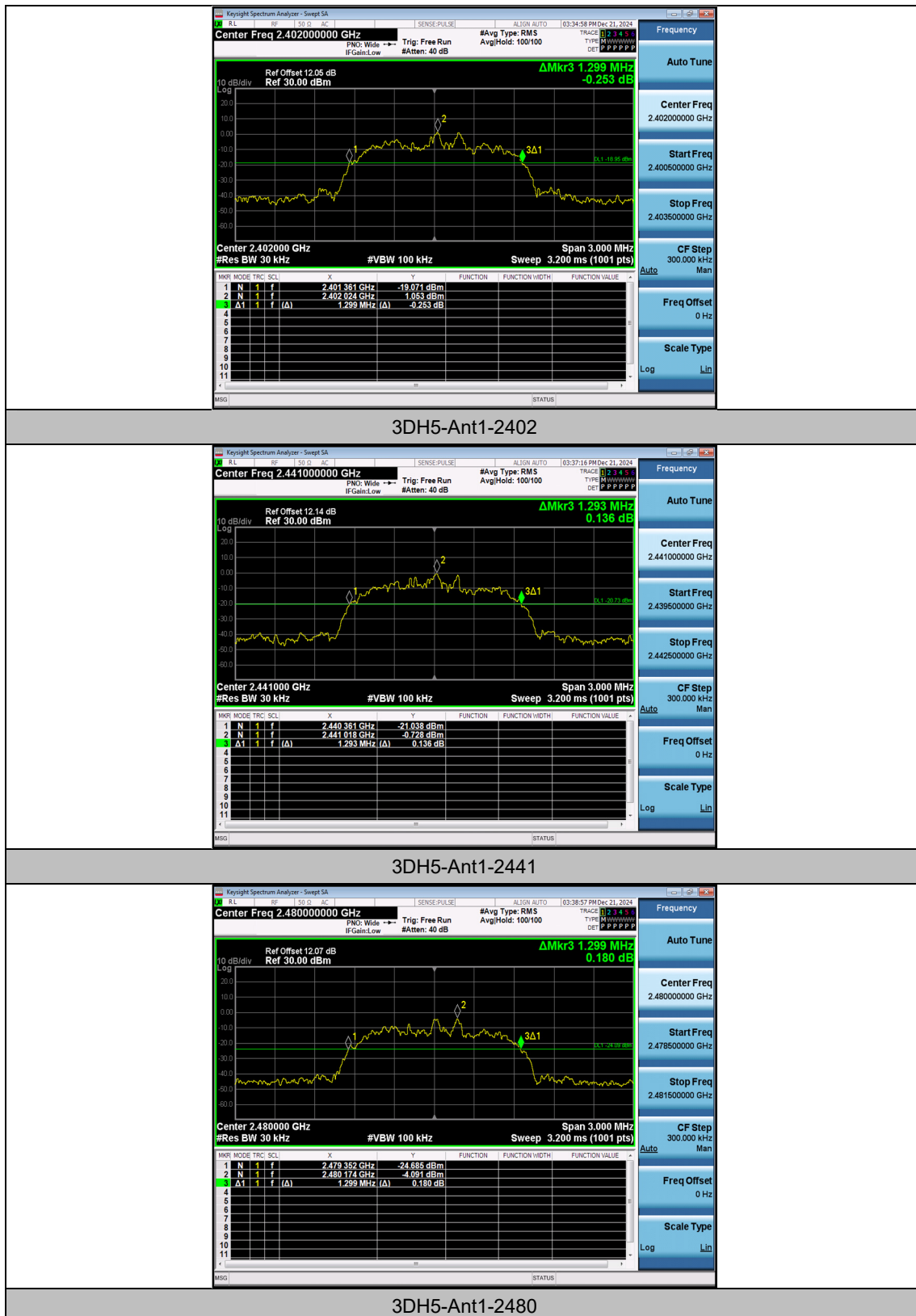
Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.888	2401.553	2402.441	---	---
DH5	Ant1	2441	0.972	2440.511	2441.483	---	---
DH5	Ant1	2480	1.038	2479.484	2480.522	---	---
2DH5	Ant1	2402	1.311	2401.379	2402.690	---	---
2DH5	Ant1	2441	1.290	2440.379	2441.669	---	---
2DH5	Ant1	2480	1.308	2479.367	2480.675	---	---
3DH5	Ant1	2402	1.299	2401.361	2402.660	---	---
3DH5	Ant1	2441	1.293	2440.361	2441.654	---	---
3DH5	Ant1	2480	1.299	2479.352	2480.651	---	---

Test Graphs





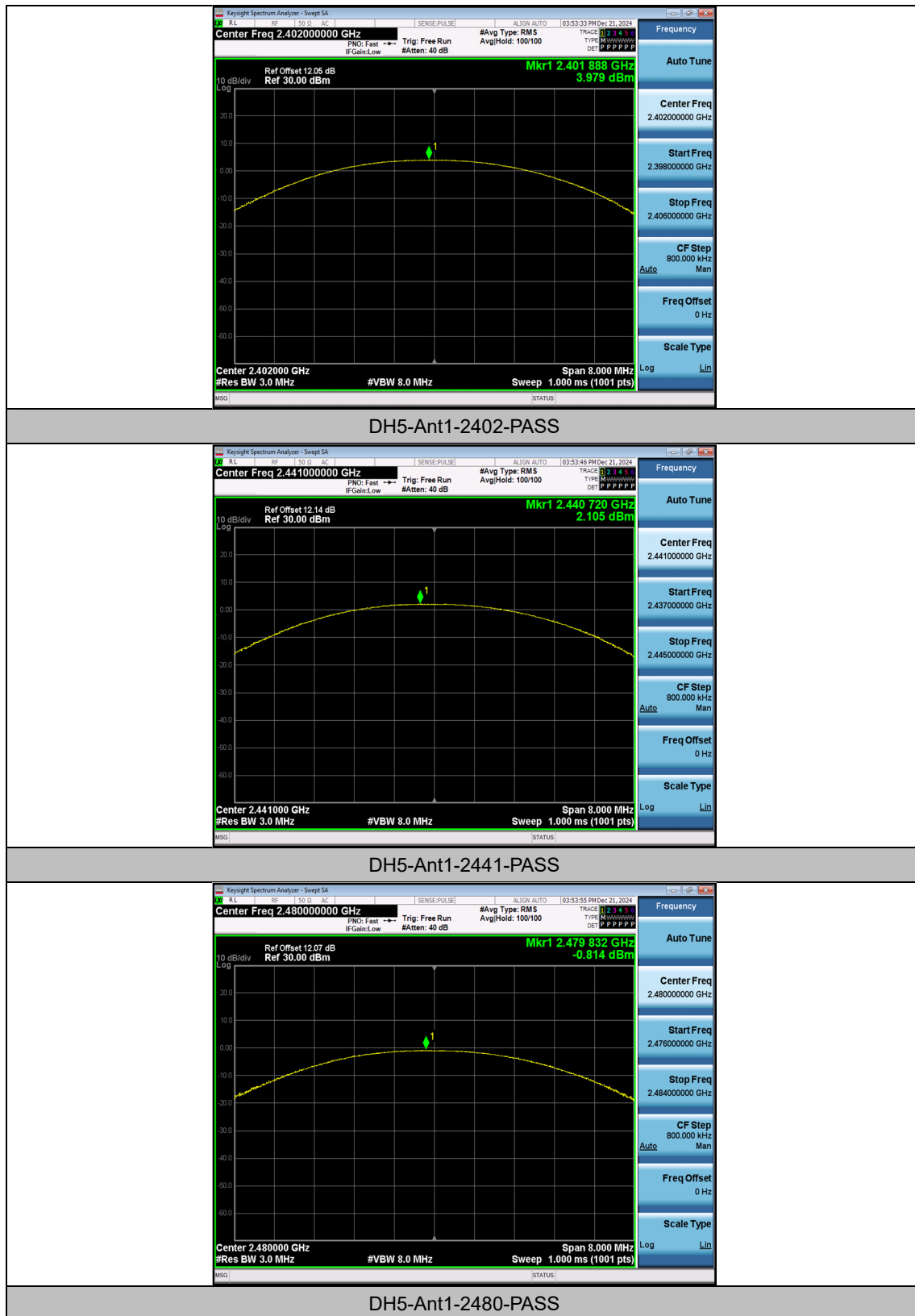


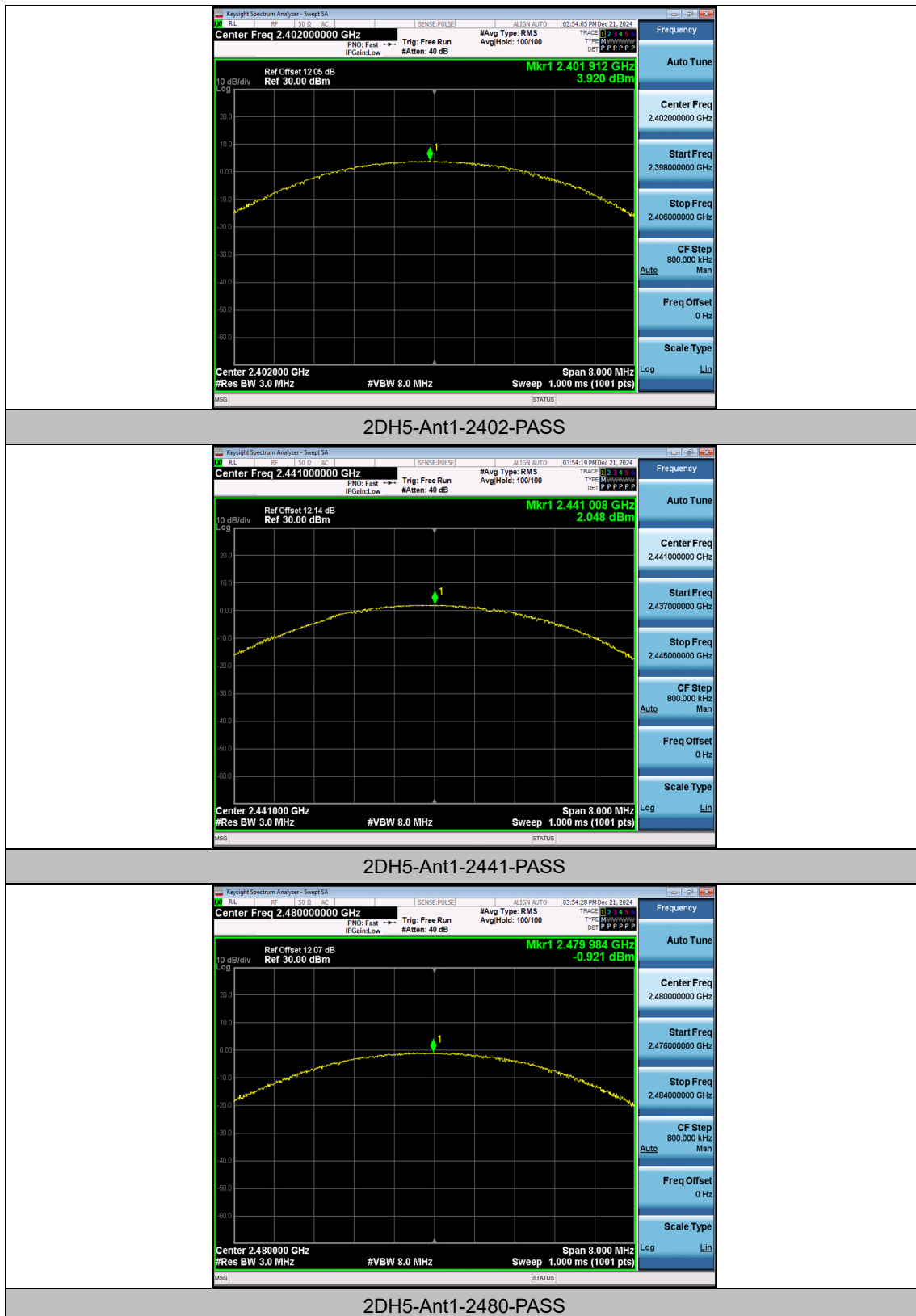
Appendix B: Maximum conducted output power

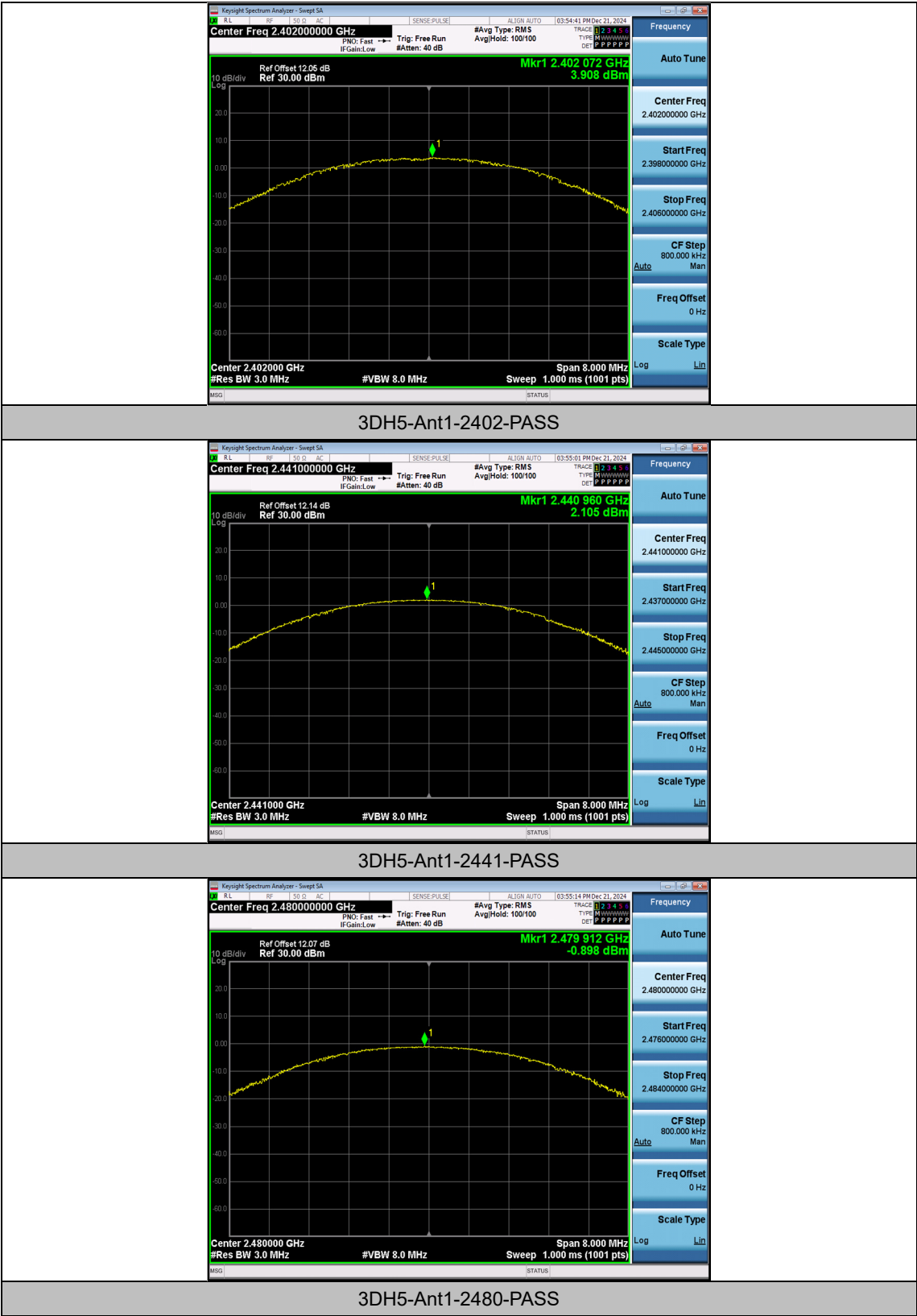
Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	3.98	≤ 20.97	PASS
DH5	Ant1	2441	2.11	≤ 20.97	PASS
DH5	Ant1	2480	-0.81	≤ 20.97	PASS
2DH5	Ant1	2402	3.92	≤ 20.97	PASS
2DH5	Ant1	2441	2.05	≤ 20.97	PASS
2DH5	Ant1	2480	-0.92	≤ 20.97	PASS
3DH5	Ant1	2402	3.91	≤ 20.97	PASS
3DH5	Ant1	2441	2.11	≤ 20.97	PASS
3DH5	Ant1	2480	-0.90	≤ 20.97	PASS

Test Graphs





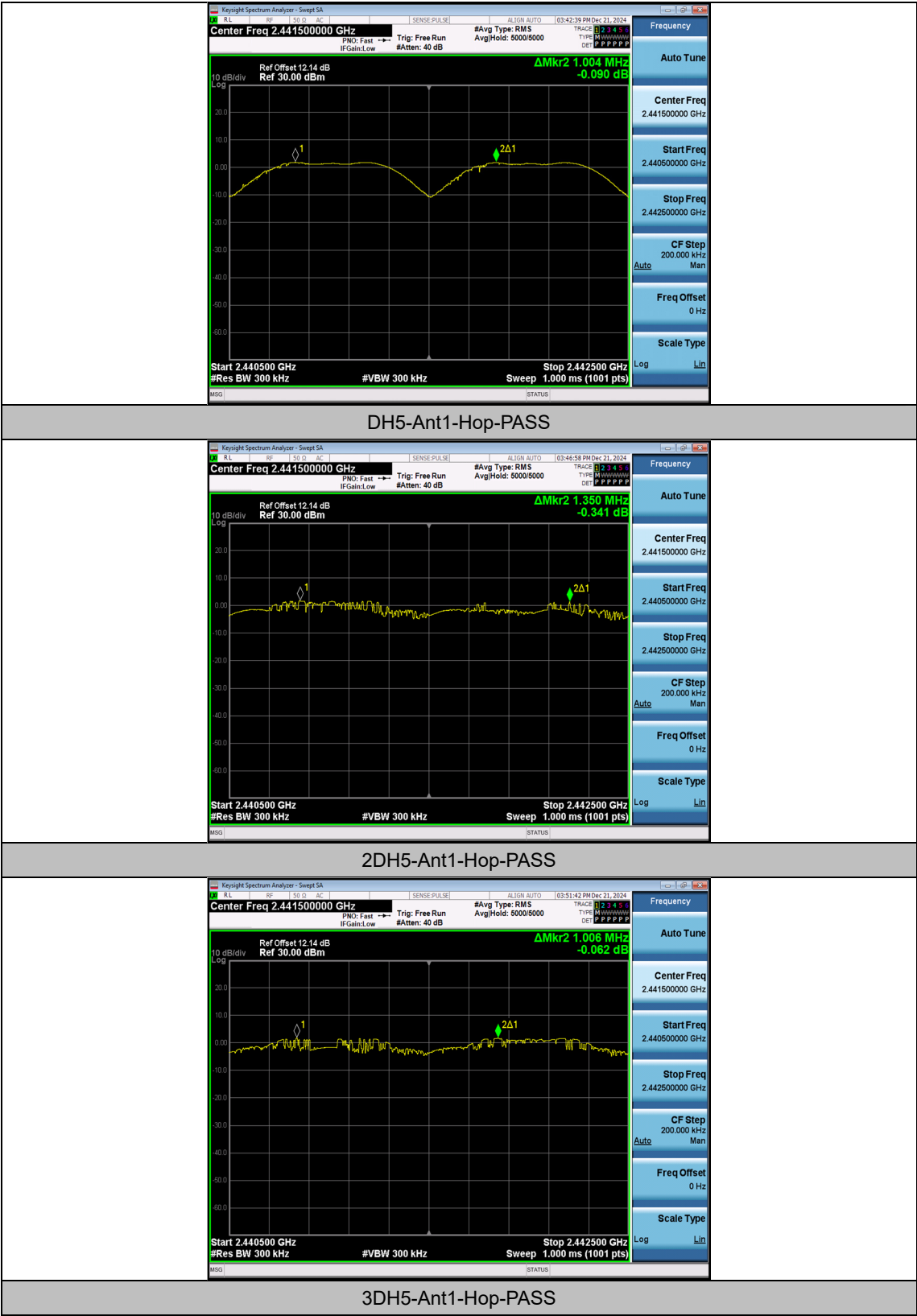


Appendix C: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.004	≥ 0.692	PASS
2DH5	Ant1	Hop	1.350	≥ 0.860	PASS
3DH5	Ant1	Hop	1.006	≥ 0.866	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	100	0.289	≤0.4	PASS
2DH5	Ant1	Hop	2.885	100	0.289	≤0.4	PASS
3DH5	Ant1	Hop	2.887	130	0.375	≤0.4	PASS