

Appendix for Bluetooth

Product Name: BLUETOOTH SPEAKER

Model No: GMAX-S5000

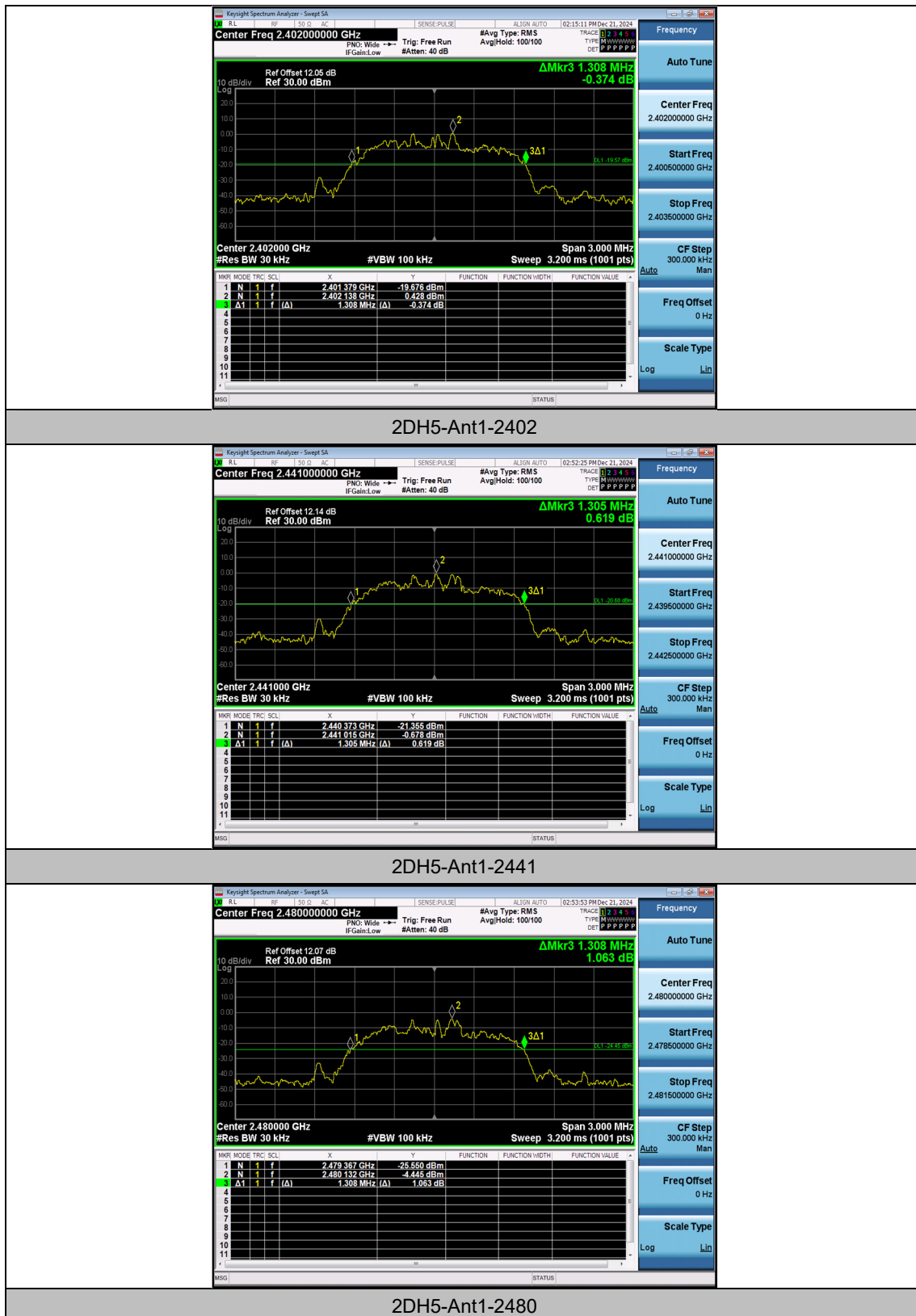
Appendix A: 20dB Emission Bandwidth

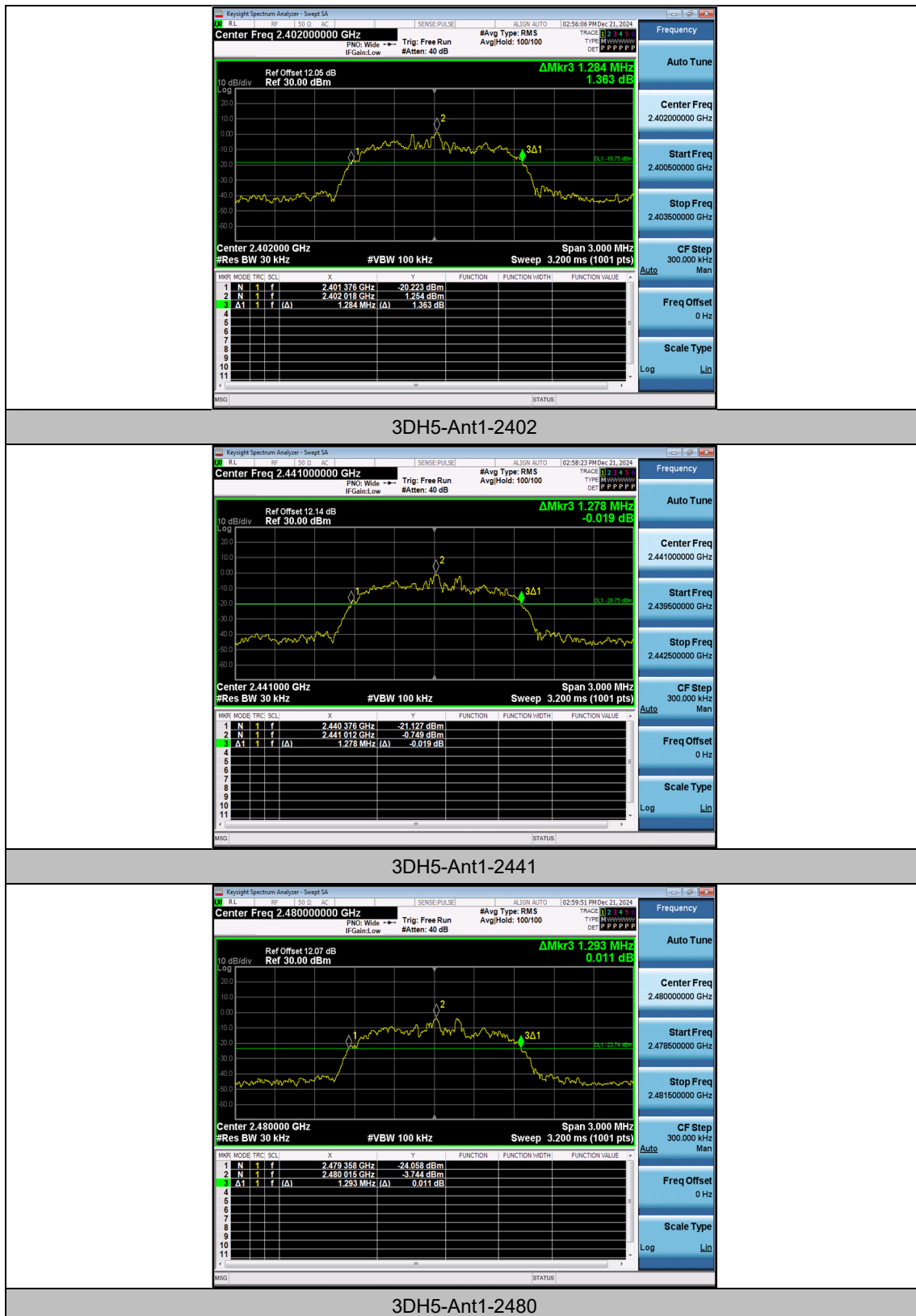
Test Result

TestMode	Antenna	Frequency [MHz]	20db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.029	2401.493	2402.522	---	---
DH5	Ant1	2441	1.029	2440.505	2441.534	---	---
DH5	Ant1	2480	0.921	2479.547	2480.468	---	---
2DH5	Ant1	2402	1.308	2401.379	2402.687	---	---
2DH5	Ant1	2441	1.305	2440.373	2441.678	---	---
2DH5	Ant1	2480	1.308	2479.367	2480.675	---	---
3DH5	Ant1	2402	1.284	2401.376	2402.660	---	---
3DH5	Ant1	2441	1.278	2440.376	2441.654	---	---
3DH5	Ant1	2480	1.293	2479.358	2480.651	---	---

Test Graphs





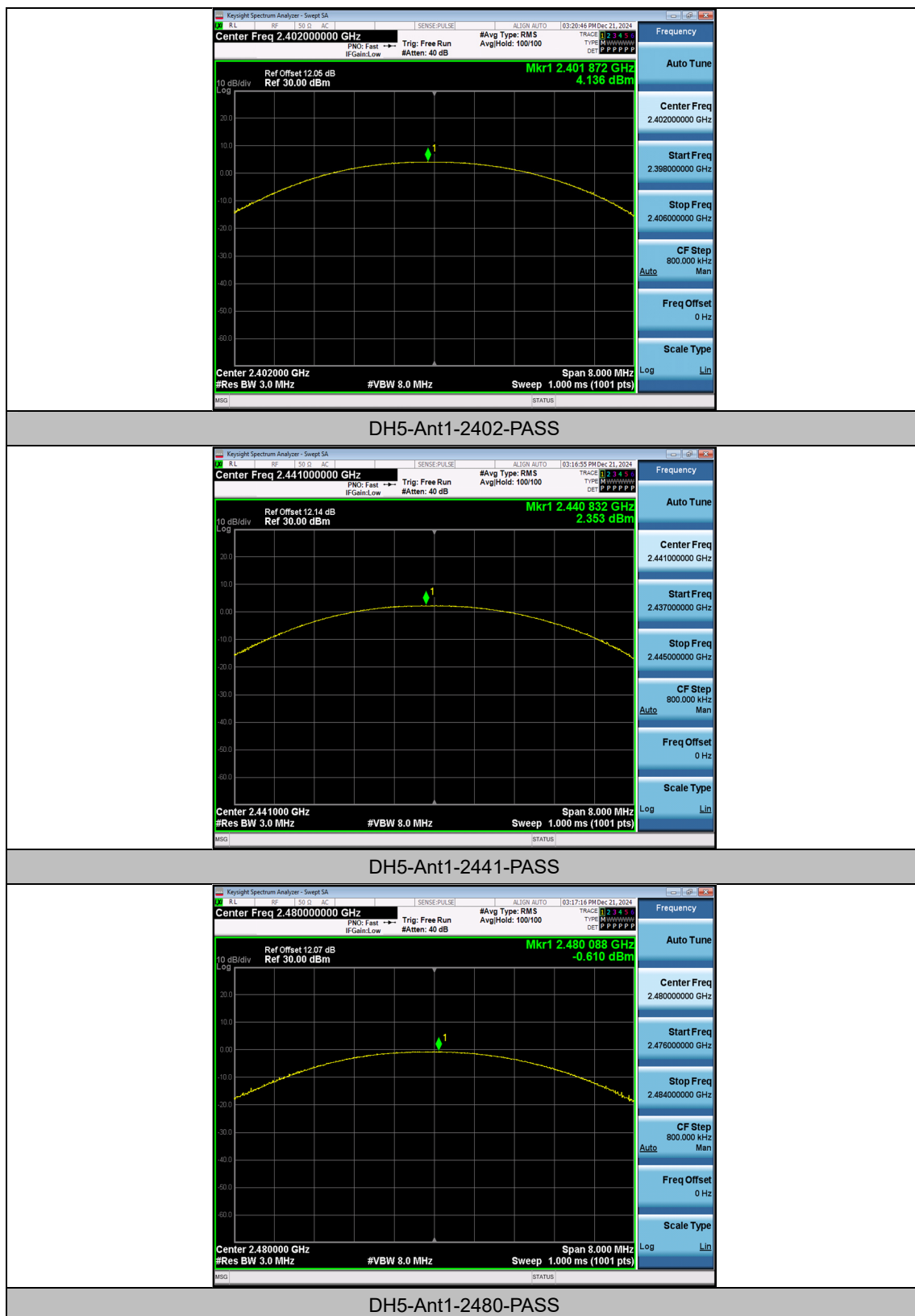


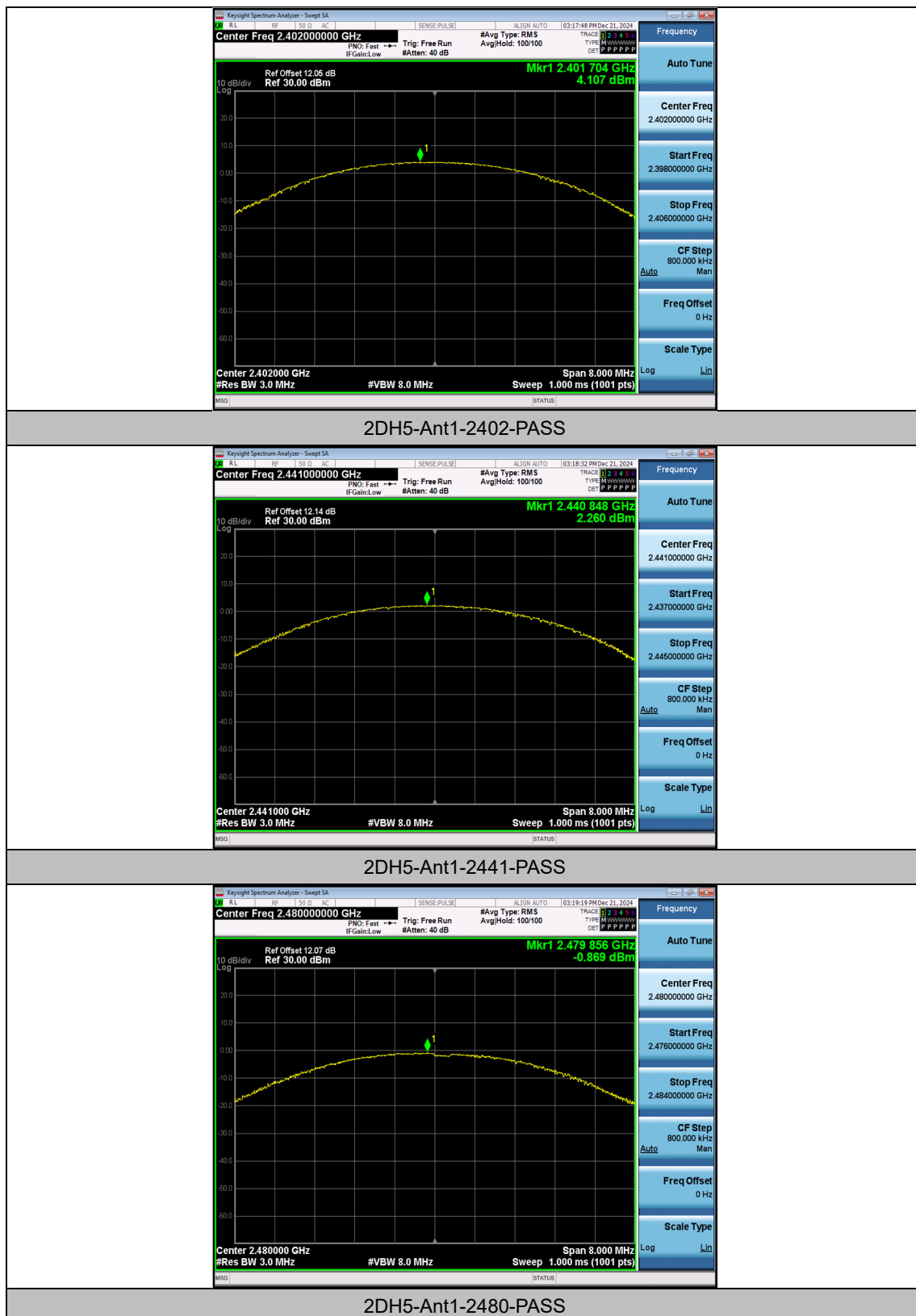
Appendix B: Maximum conducted output power

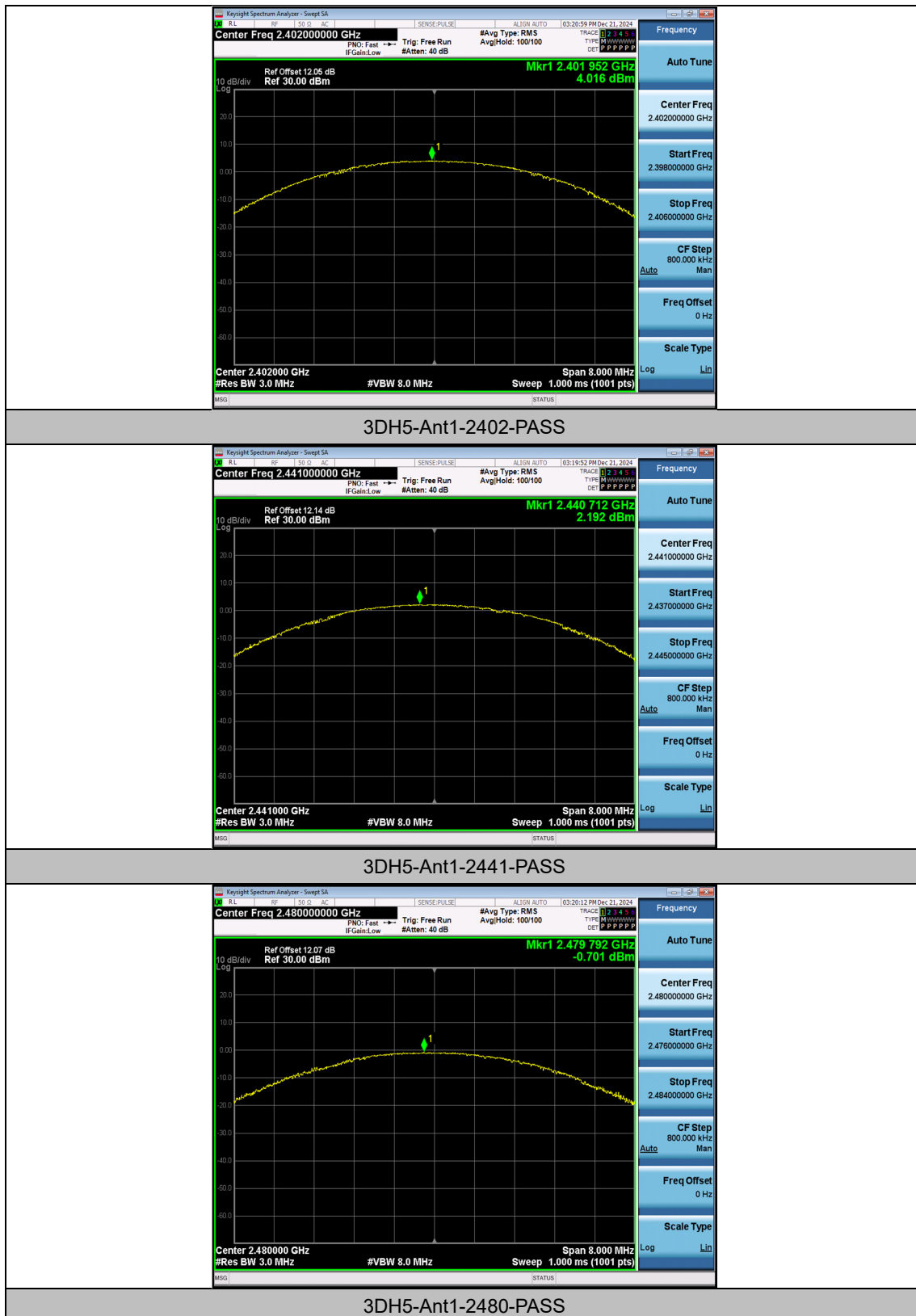
Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	4.14	≤ 20.97	PASS
DH5	Ant1	2441	2.35	≤ 20.97	PASS
DH5	Ant1	2480	-0.61	≤ 20.97	PASS
2DH5	Ant1	2402	4.11	≤ 20.97	PASS
2DH5	Ant1	2441	2.26	≤ 20.97	PASS
2DH5	Ant1	2480	-0.87	≤ 20.97	PASS
3DH5	Ant1	2402	4.02	≤ 20.97	PASS
3DH5	Ant1	2441	2.19	≤ 20.97	PASS
3DH5	Ant1	2480	-0.70	≤ 20.97	PASS

Test Graphs





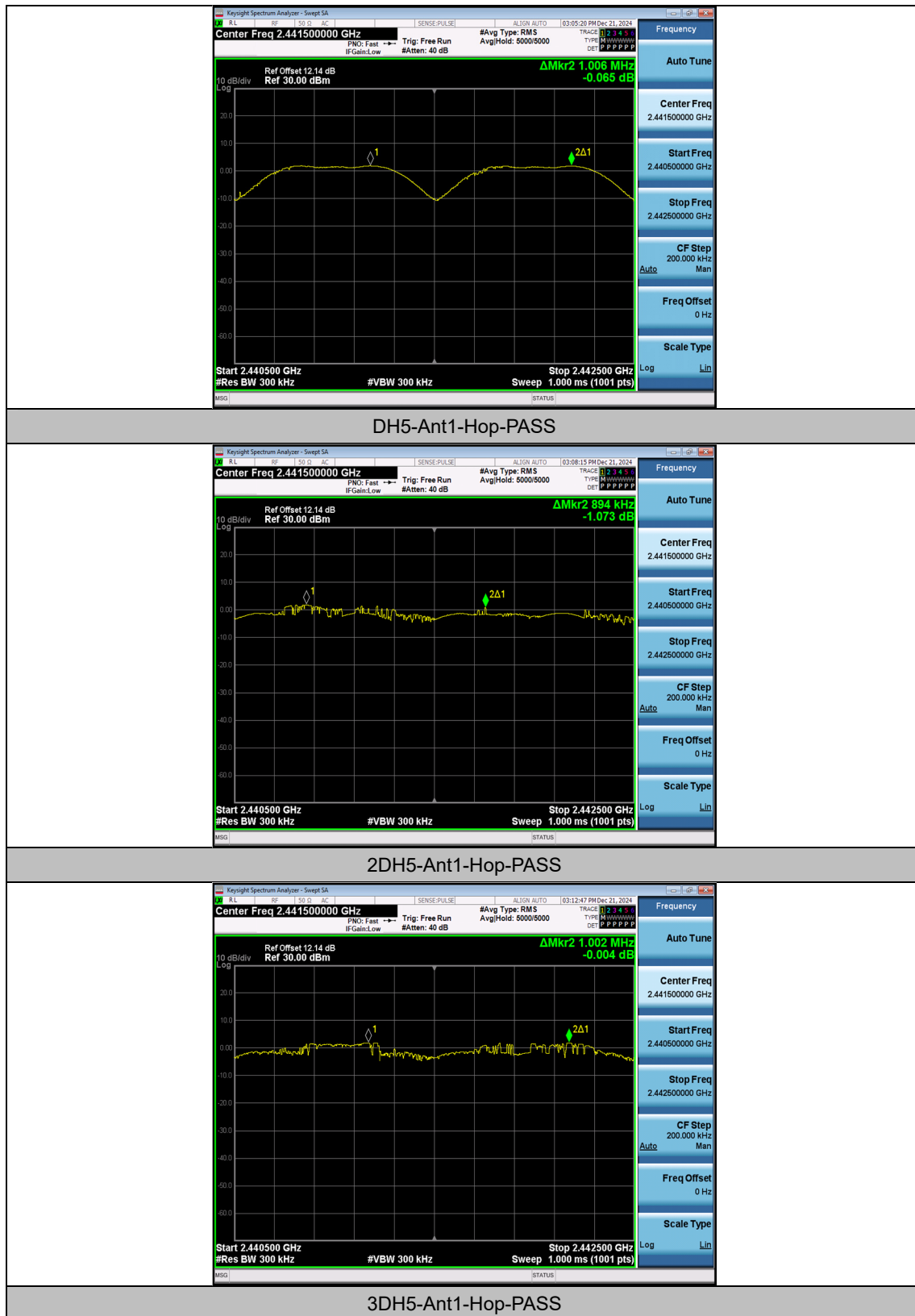


Appendix C: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.006	≥ 0.686	PASS
2DH5	Ant1	Hop	0.894	≥ 0.872	PASS
3DH5	Ant1	Hop	1.002	≥ 0.862	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	120	0.347	≤0.4	PASS
2DH5	Ant1	Hop	2.887	120	0.346	≤0.4	PASS
3DH5	Ant1	Hop	2.887	80	0.231	≤0.4	PASS