

Appendix for Bluetooth

Product Name: A50

Model No: A50-BK

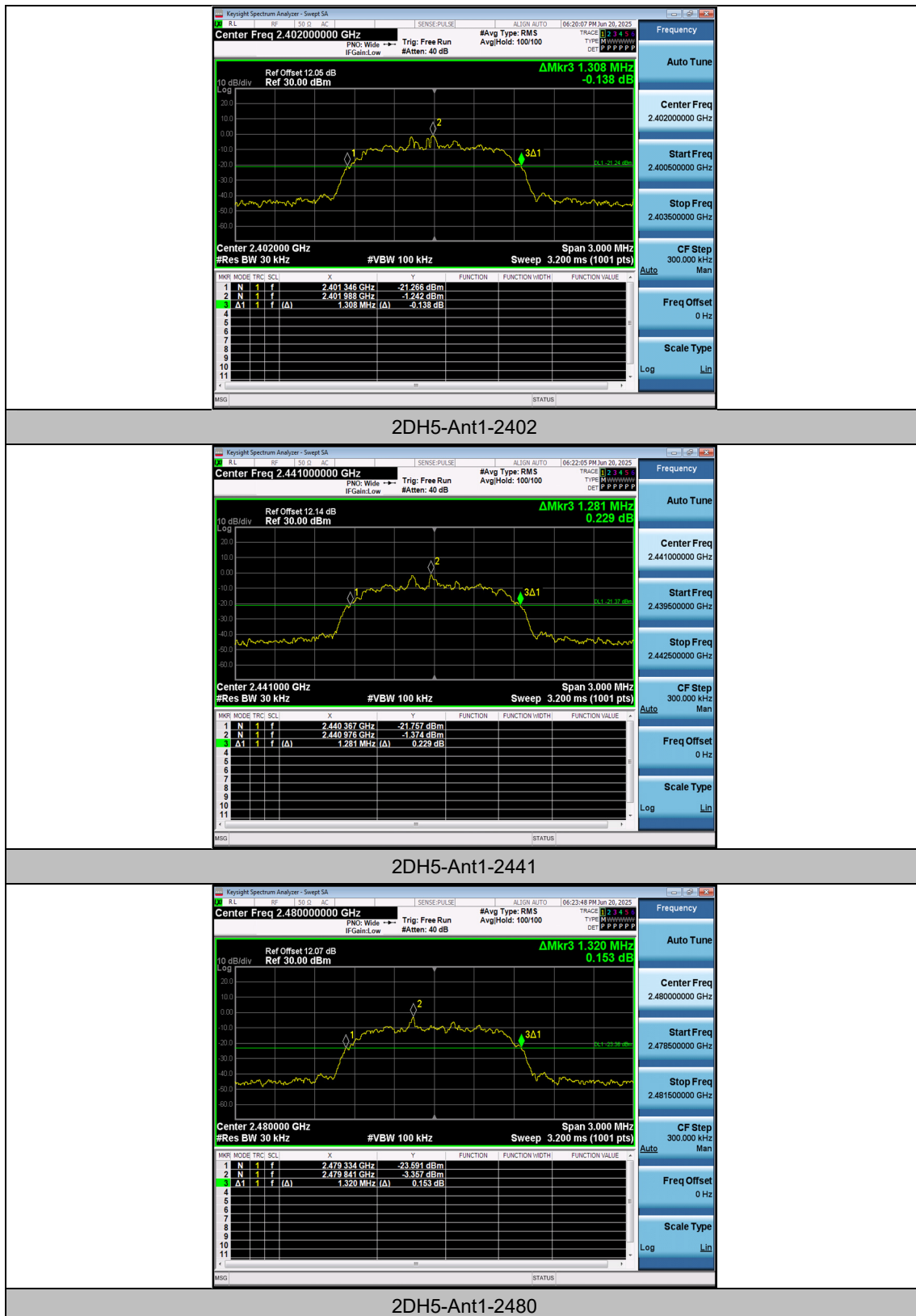
Appendix A: 20dB Emission Bandwidth

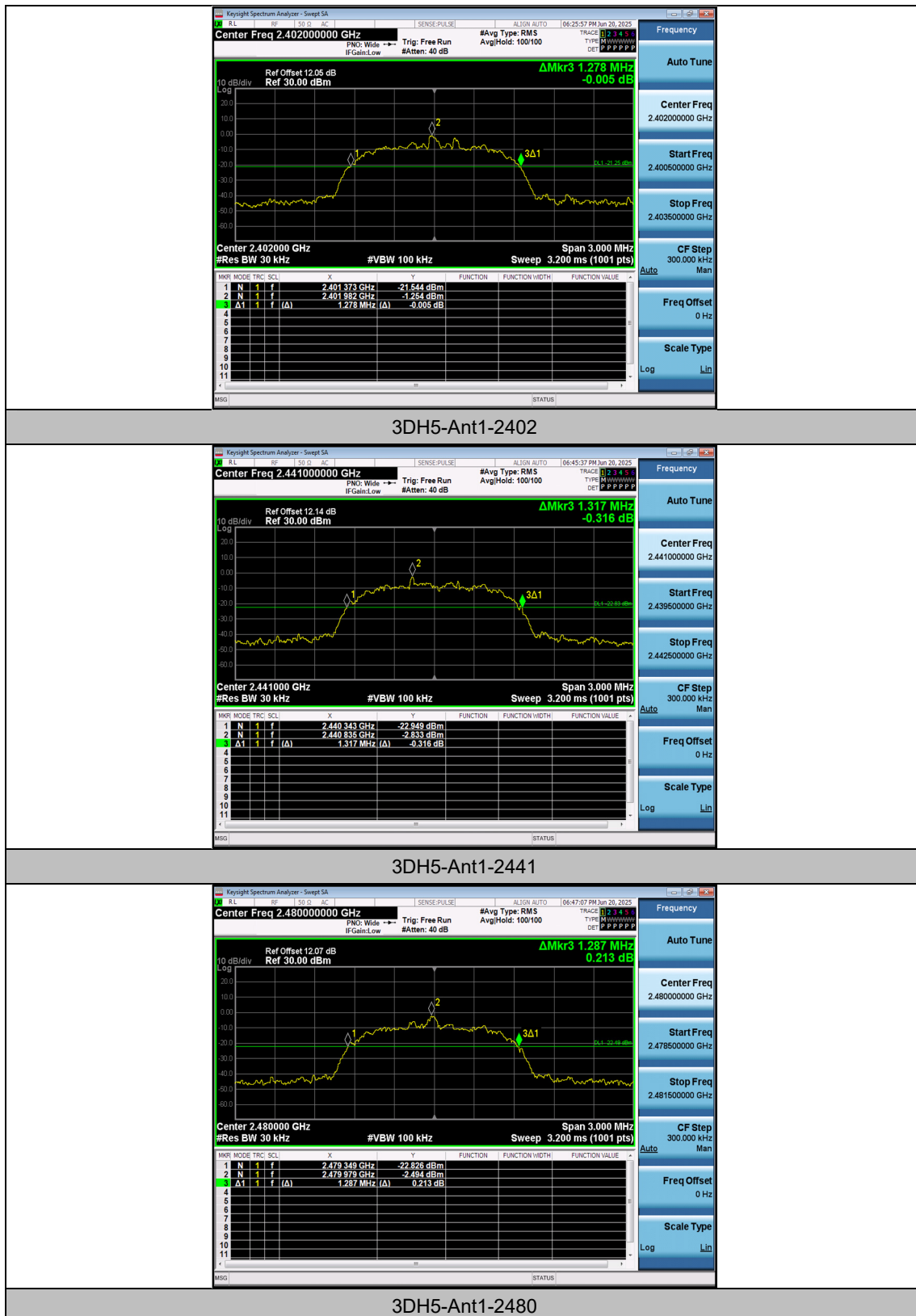
Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.963	2401.541	2402.504	---	---
DH5	Ant1	2441	0.957	2440.532	2441.489	---	---
DH5	Ant1	2480	1.014	2479.478	2480.492	---	---
2DH5	Ant1	2402	1.308	2401.346	2402.654	---	---
2DH5	Ant1	2441	1.281	2440.367	2441.648	---	---
2DH5	Ant1	2480	1.320	2479.334	2480.654	---	---
3DH5	Ant1	2402	1.278	2401.373	2402.651	---	---
3DH5	Ant1	2441	1.317	2440.343	2441.660	---	---
3DH5	Ant1	2480	1.287	2479.349	2480.636	---	---

Test Graphs





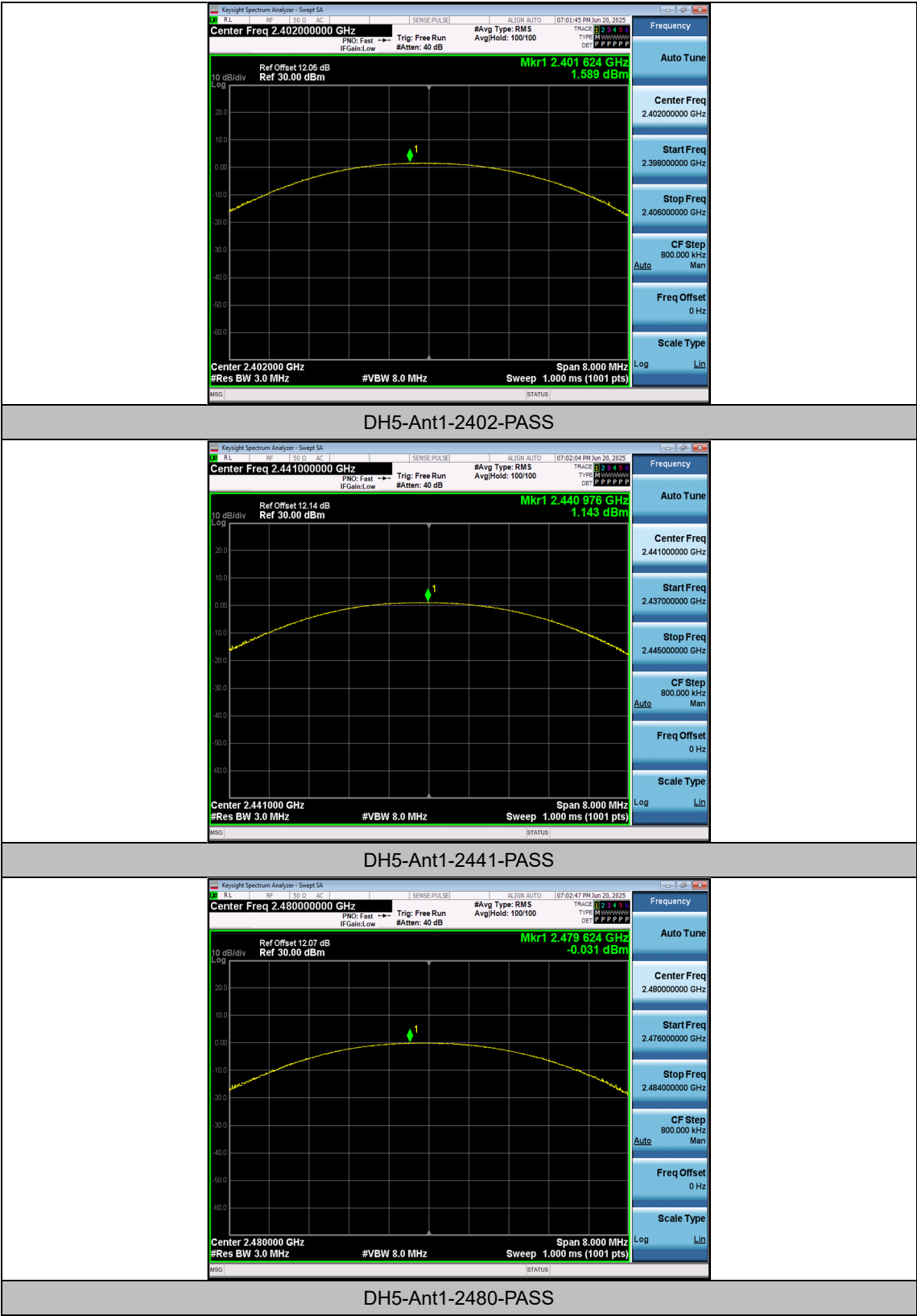


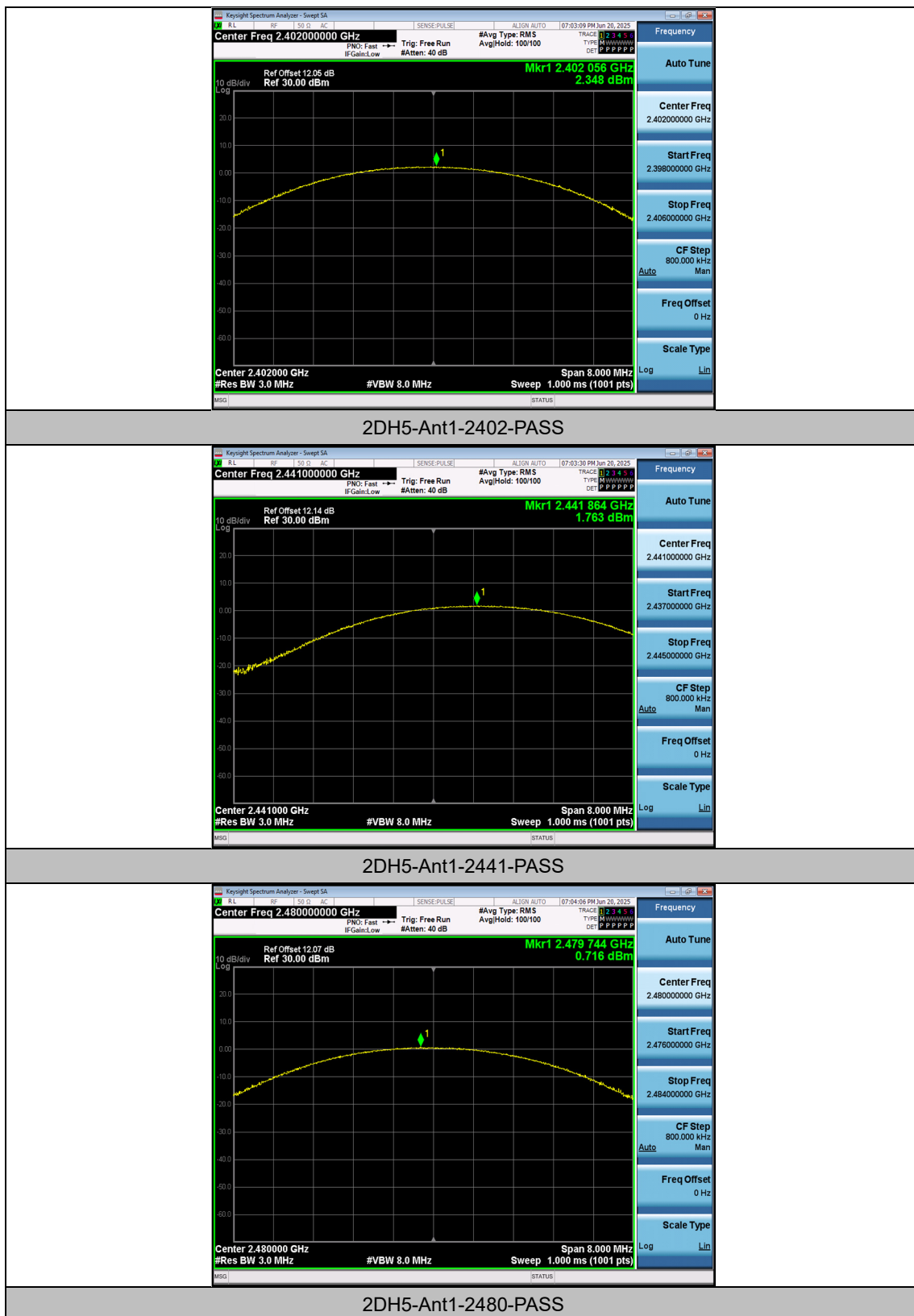
Appendix B: Maximum conducted output power

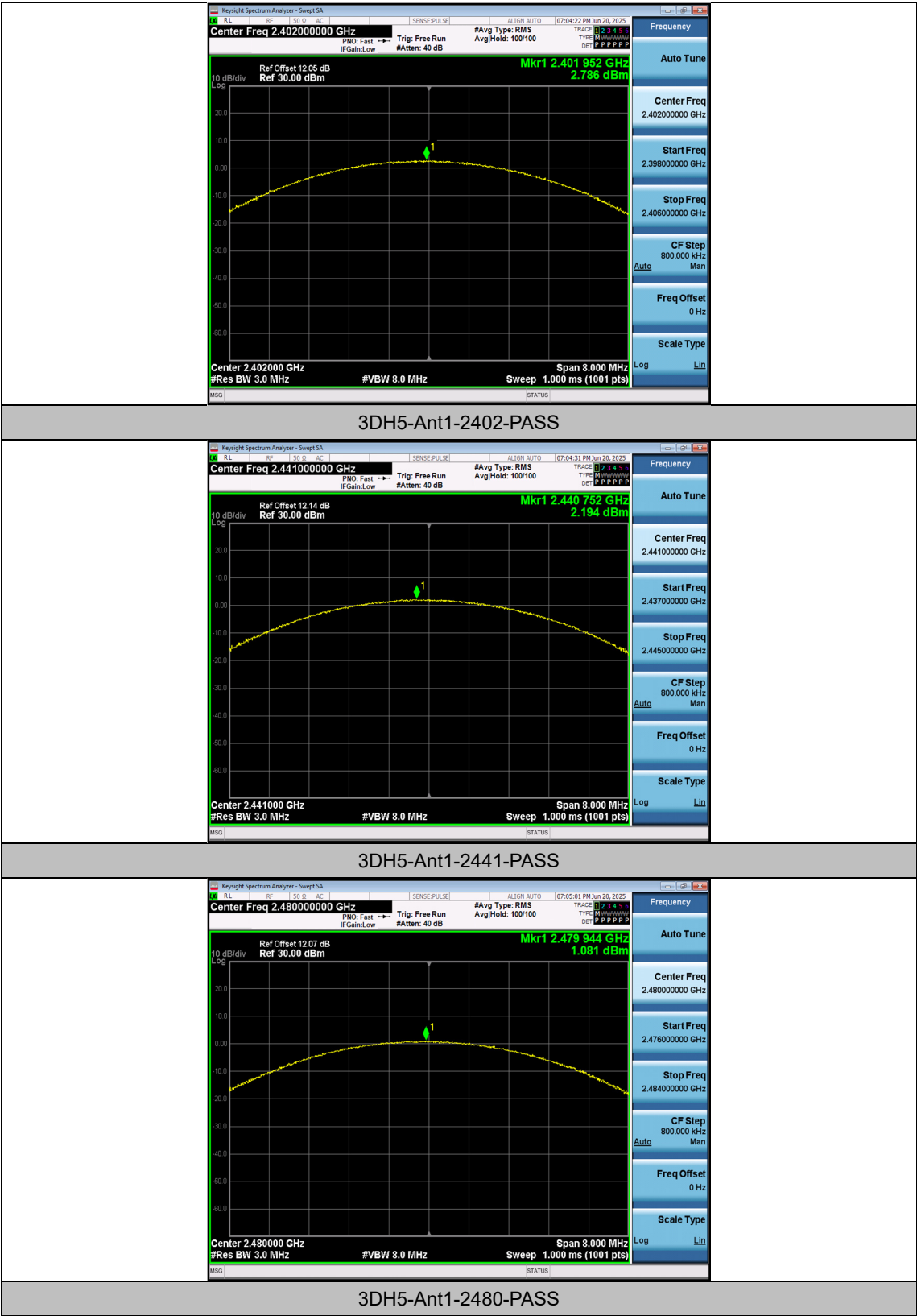
Test Result

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	1.59	≤ 20.97	PASS
DH5	Ant1	2441	1.14	≤ 20.97	PASS
DH5	Ant1	2480	-0.03	≤ 20.97	PASS
2DH5	Ant1	2402	2.35	≤ 20.97	PASS
2DH5	Ant1	2441	1.76	≤ 20.97	PASS
2DH5	Ant1	2480	0.72	≤ 20.97	PASS
3DH5	Ant1	2402	2.79	≤ 20.97	PASS
3DH5	Ant1	2441	2.19	≤ 20.97	PASS
3DH5	Ant1	2480	1.08	≤ 20.97	PASS

Test Graphs





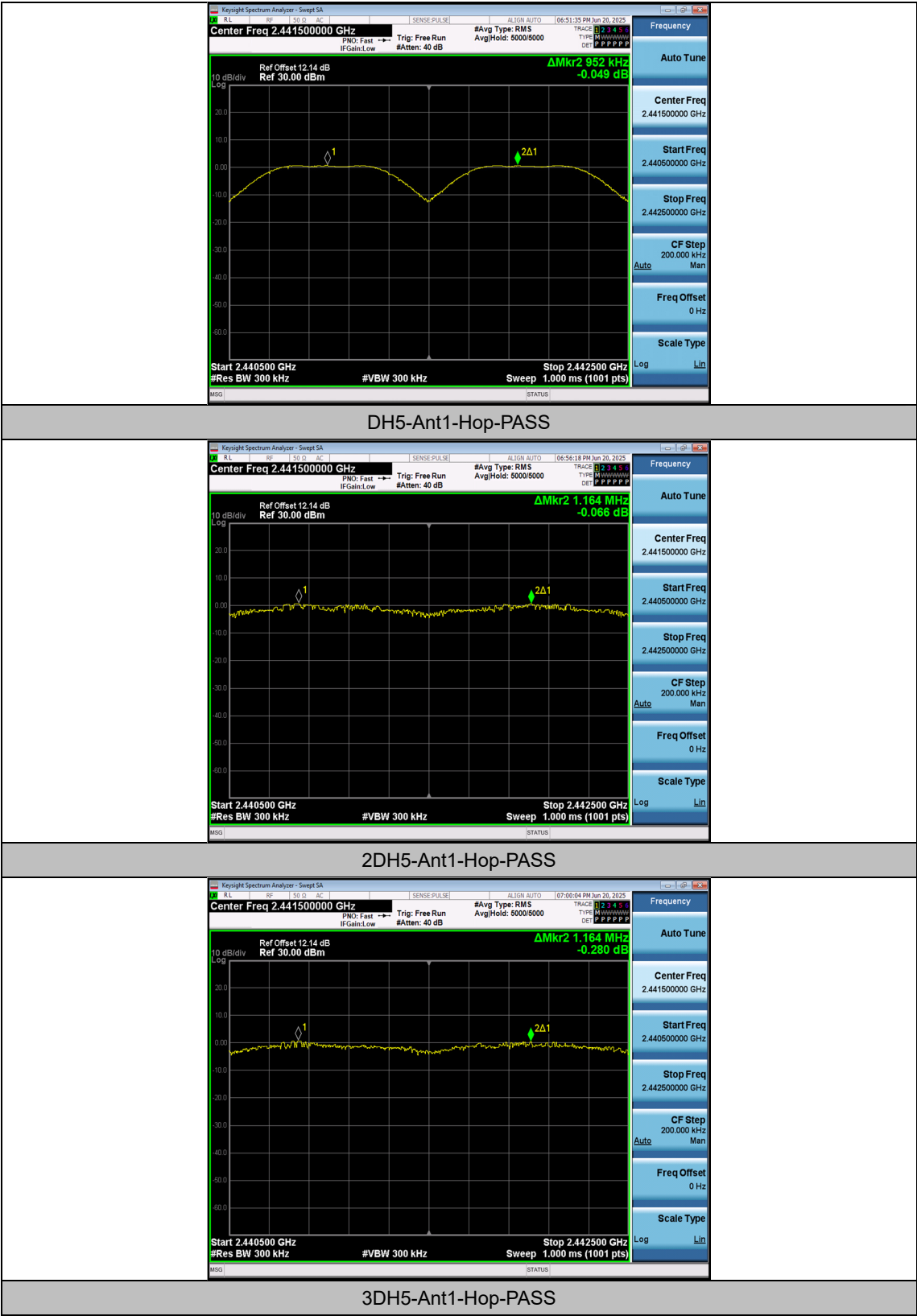


Appendix C: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.952	≥ 0.676	PASS
2DH5	Ant1	Hop	1.164	≥ 0.880	PASS
3DH5	Ant1	Hop	1.164	≥ 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	2.885	90	0.26	≤0.4	PASS
2DH5	Ant1	Hop	2.891	120	0.347	≤0.4	PASS
3DH5	Ant1	Hop	2.892	130	0.376	≤0.4	PASS