

Appendix for Bluetooth BR+EDR Mode

Product Name: Stairmill
Model No: LT04TB, LT04EB, LT02EB, LT02TB

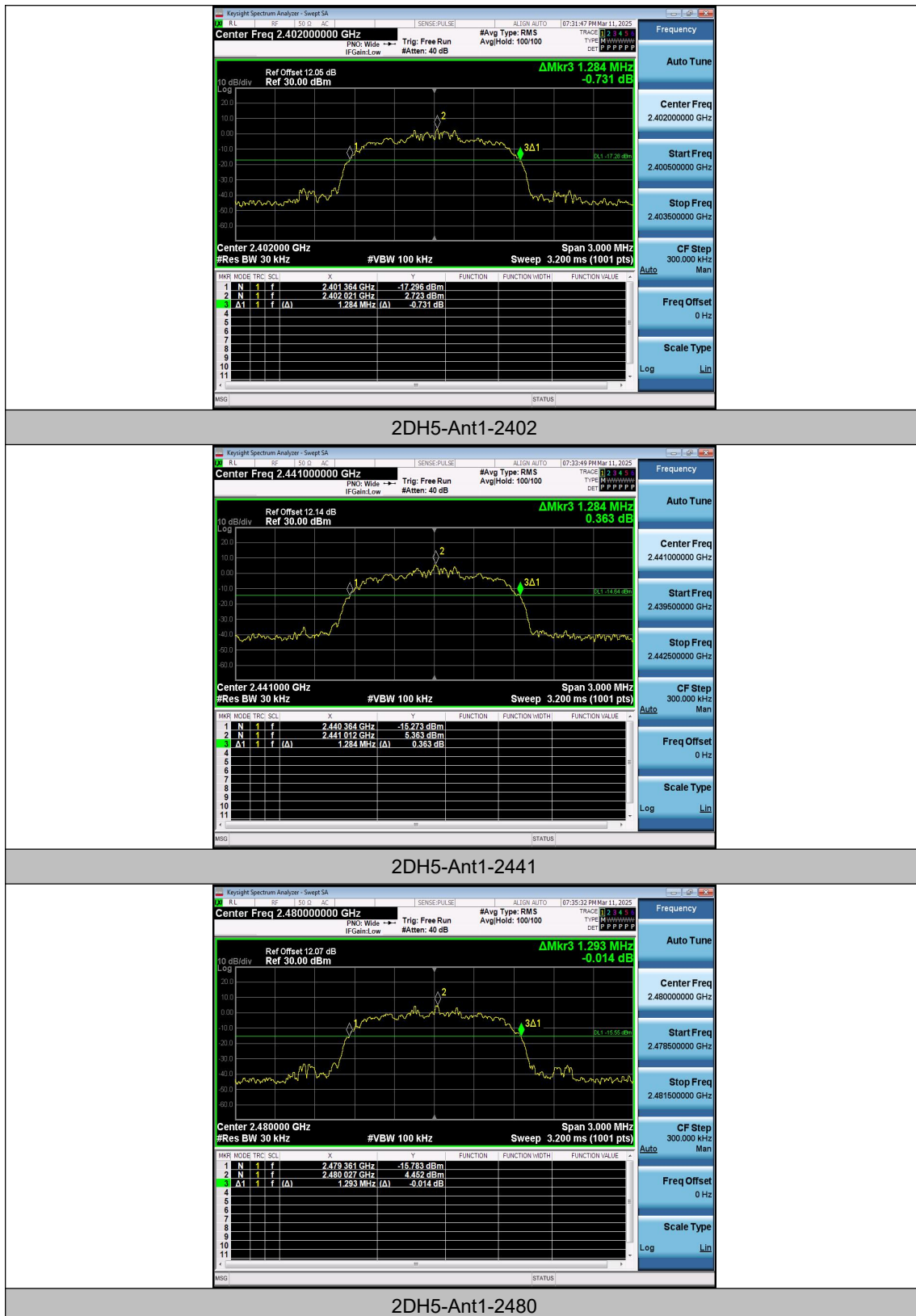
Appendix A: 20dB Emission Bandwidth

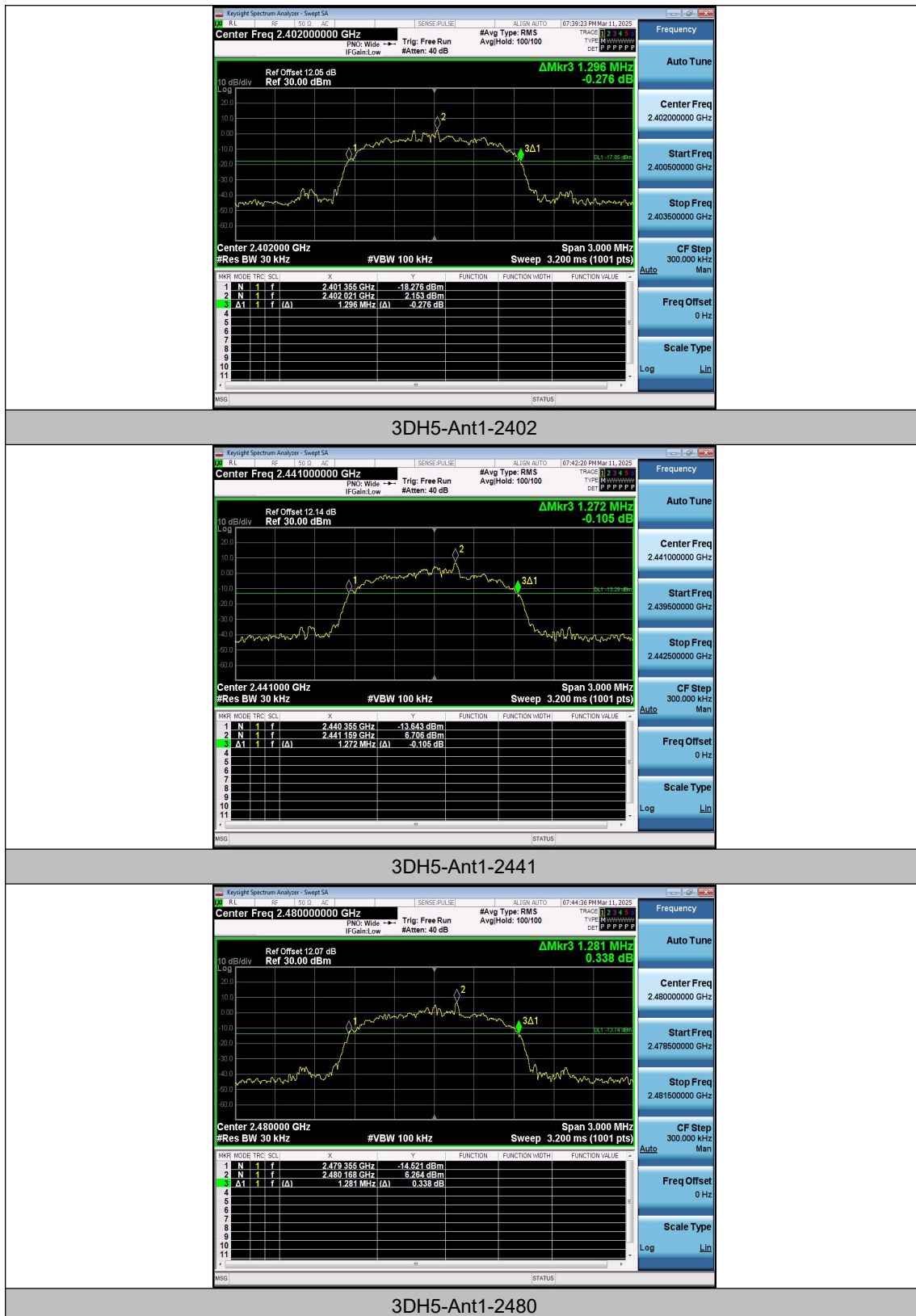
Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.849	2401.565	2402.414	---	---
DH5	Ant1	2441	0.849	2440.565	2441.414	---	---
DH5	Ant1	2480	0.834	2479.577	2480.411	---	---
2DH5	Ant1	2402	1.284	2401.364	2402.648	---	---
2DH5	Ant1	2441	1.284	2440.364	2441.648	---	---
2DH5	Ant1	2480	1.293	2479.361	2480.654	---	---
3DH5	Ant1	2402	1.296	2401.355	2402.651	---	---
3DH5	Ant1	2441	1.272	2440.355	2441.627	---	---
3DH5	Ant1	2480	1.281	2479.355	2480.636	---	---

Test Graphs







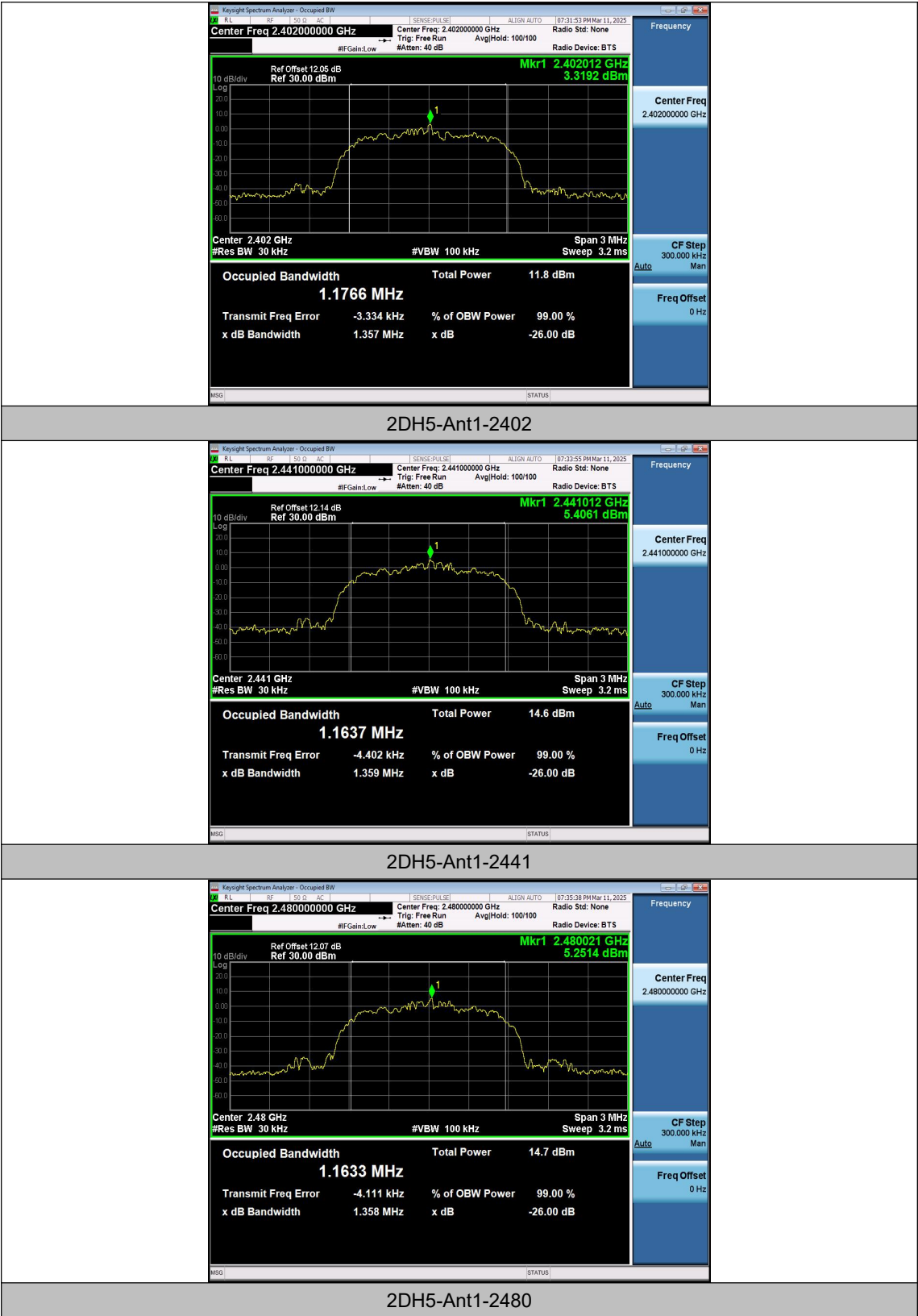
Appendix B: Occupied Channel Bandwidth

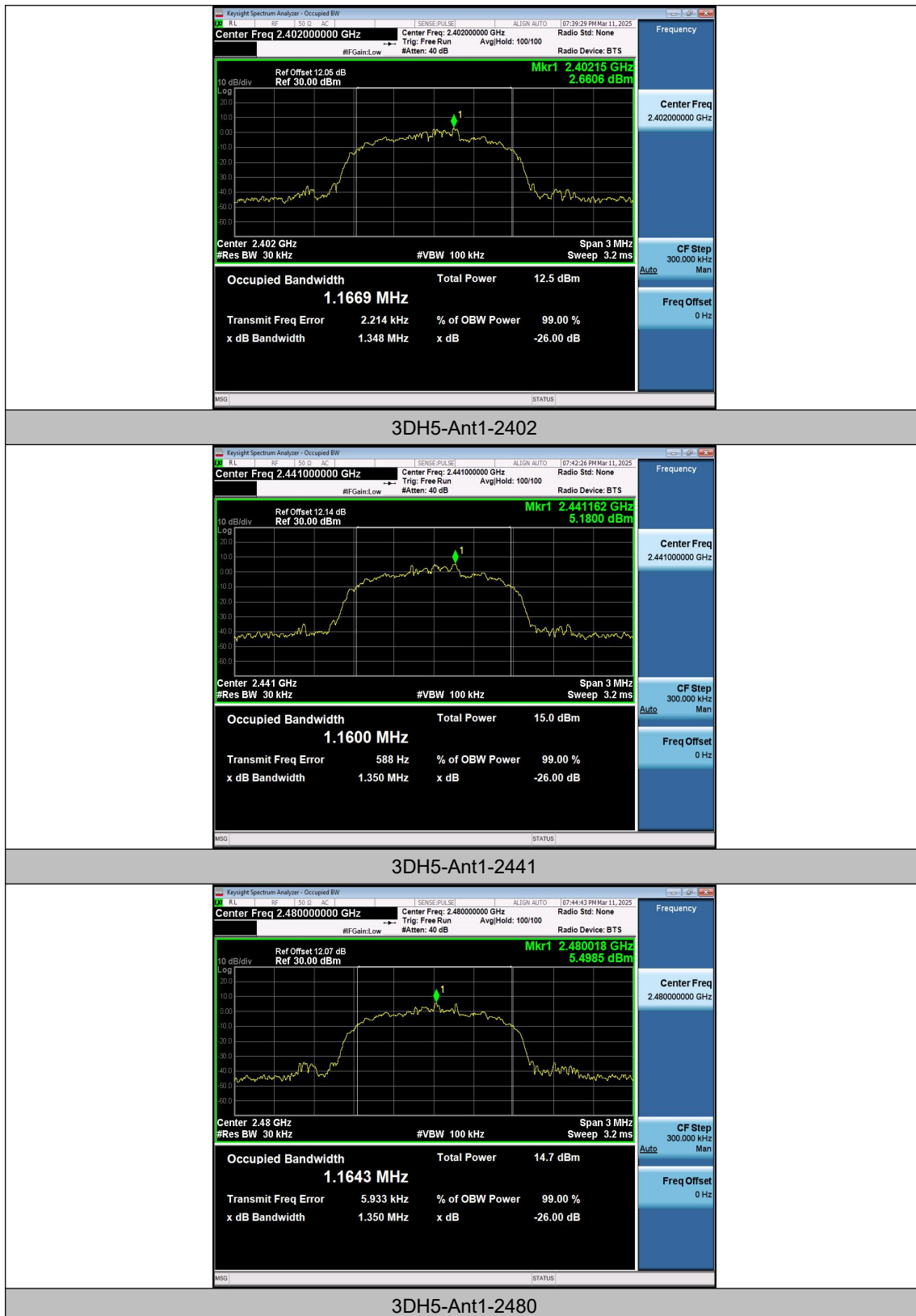
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.75238	2401.6290	2402.3814	---	---
DH5	Ant1	2441	0.75524	2440.6251	2441.3804	---	---
DH5	Ant1	2480	0.75818	2479.6236	2480.3818	---	---
2DH5	Ant1	2402	1.1766	2401.4084	2402.5850	---	---
2DH5	Ant1	2441	1.1637	2440.4138	2441.5775	---	---
2DH5	Ant1	2480	1.1633	2479.4142	2480.5775	---	---
3DH5	Ant1	2402	1.1669	2401.4188	2402.5857	---	---
3DH5	Ant1	2441	1.1600	2440.4206	2441.5806	---	---
3DH5	Ant1	2480	1.1643	2479.4238	2480.5881	---	---

Test Graphs





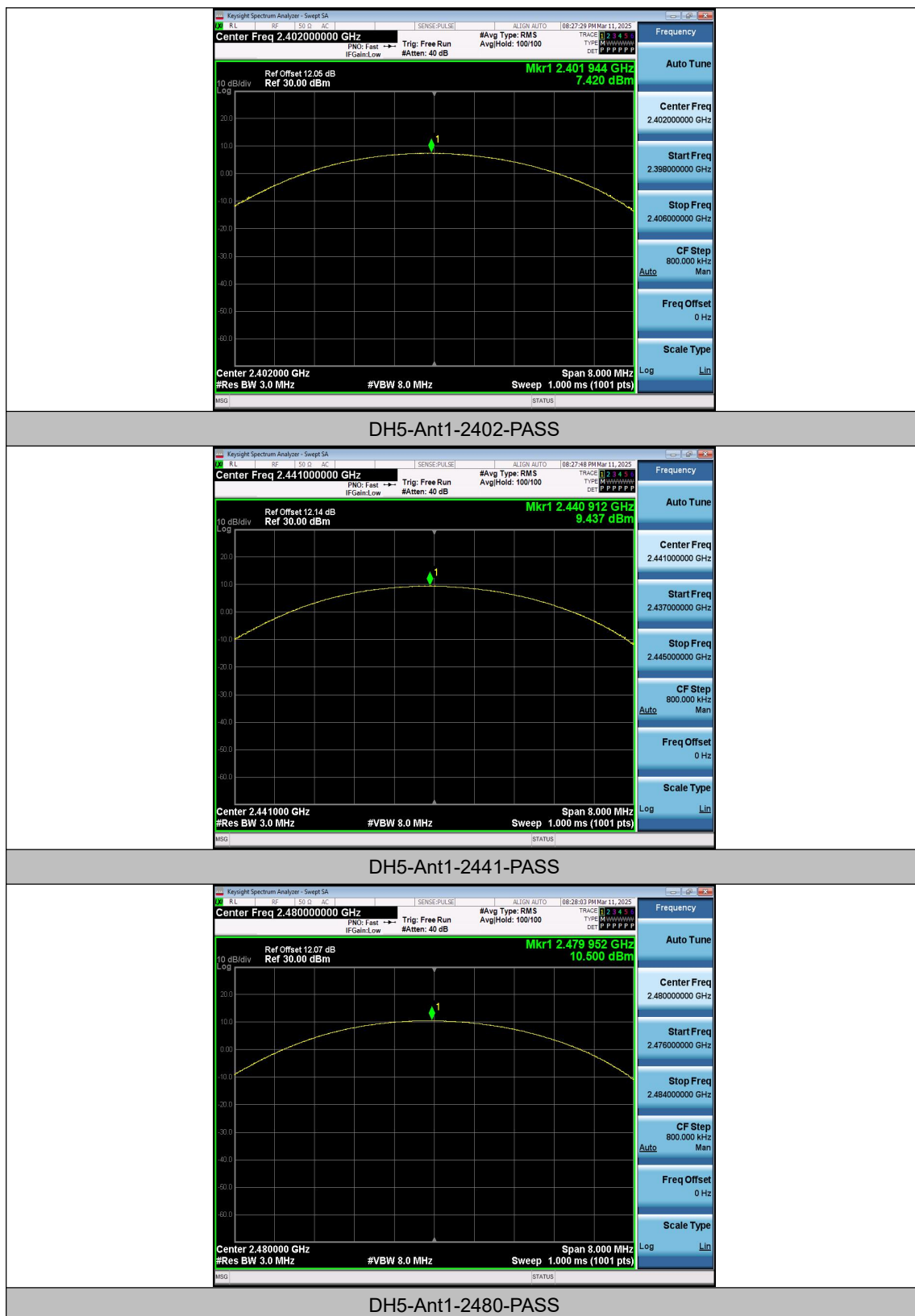


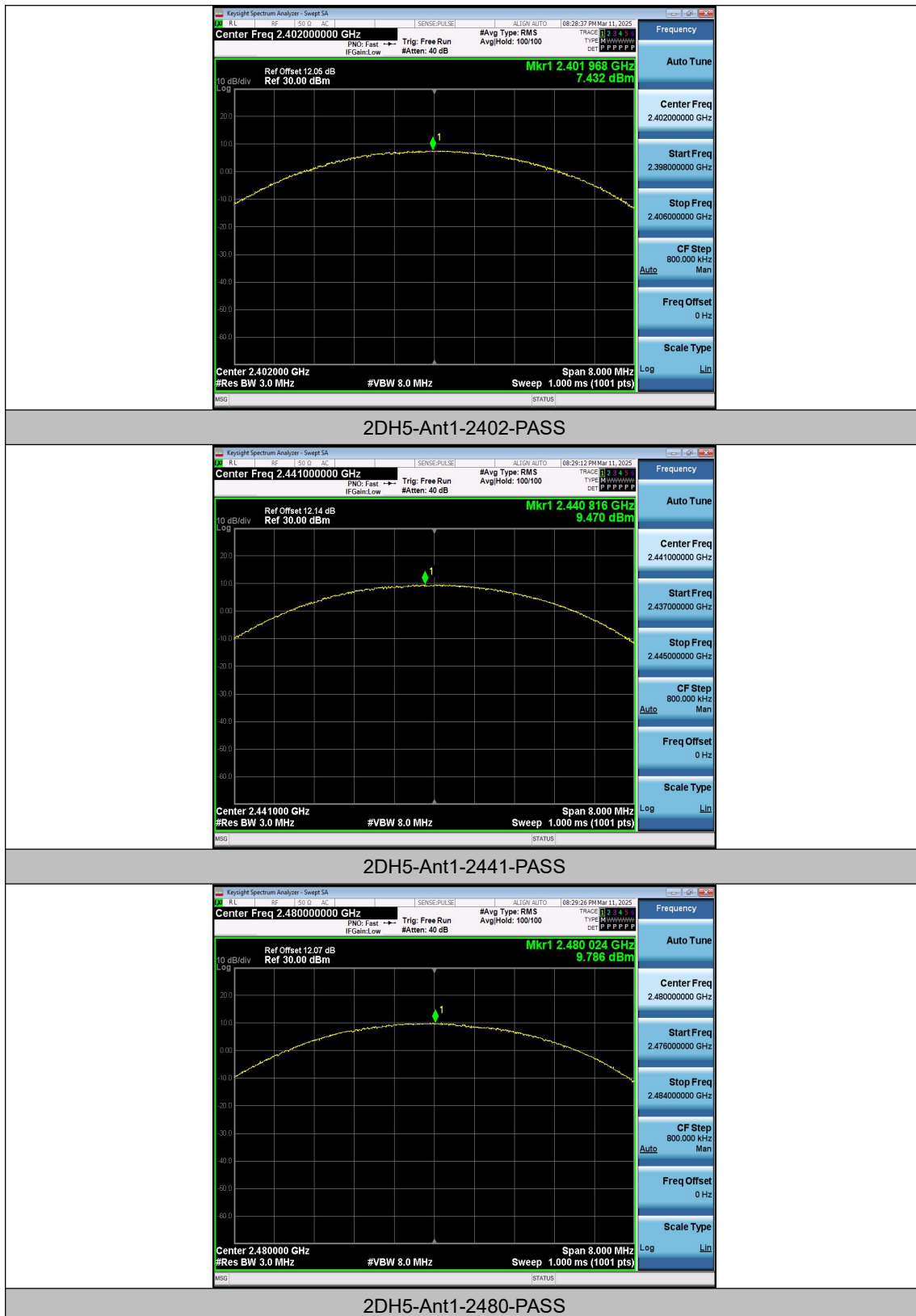
Appendix C: Maximum conducted output power

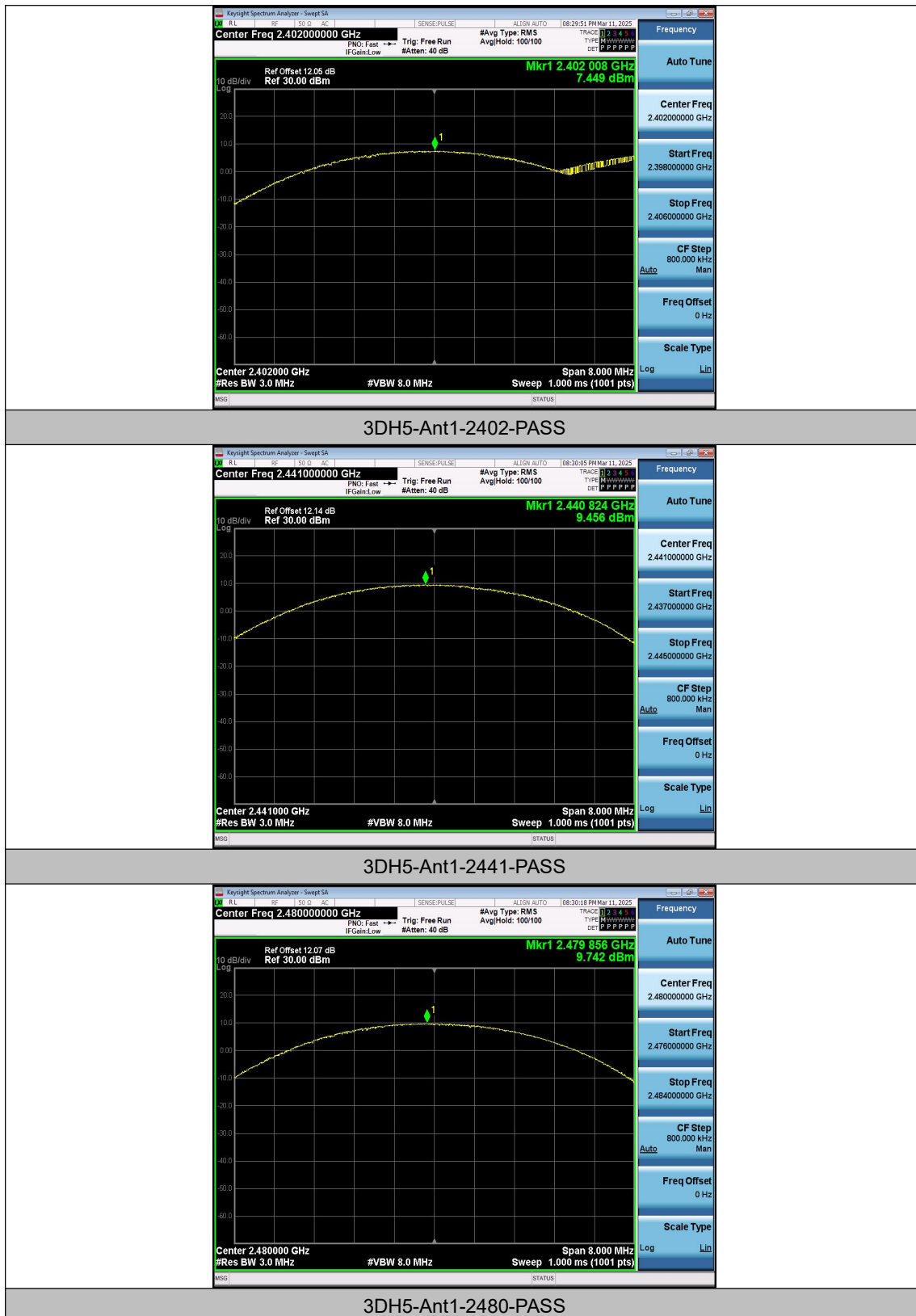
Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	7.42	≤30	PASS
DH5	Ant1	2441	9.44	≤30	PASS
DH5	Ant1	2480	10.50	≤30	PASS
2DH5	Ant1	2402	7.43	≤20.97	PASS
2DH5	Ant1	2441	9.47	≤20.97	PASS
2DH5	Ant1	2480	9.79	≤20.97	PASS
3DH5	Ant1	2402	7.45	≤20.97	PASS
3DH5	Ant1	2441	9.46	≤20.97	PASS
3DH5	Ant1	2480	9.74	≤20.97	PASS

Test Graphs





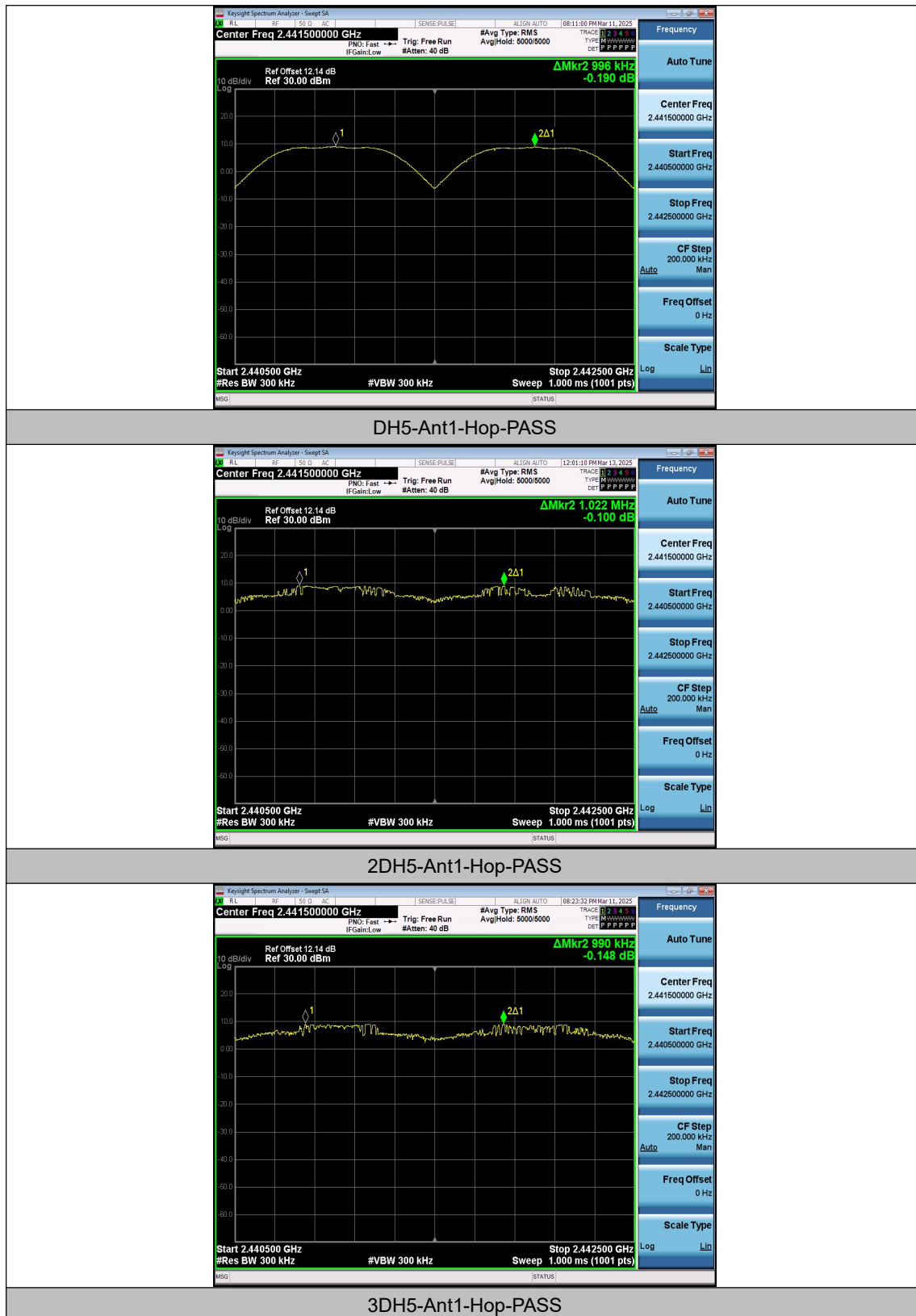


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.996	≥ 0.849	PASS
2DH5	Ant1	Hop	1.022	≥ 0.862	PASS
3DH5	Ant1	Hop	0.99	≥ 0.864	PASS

Test Graphs

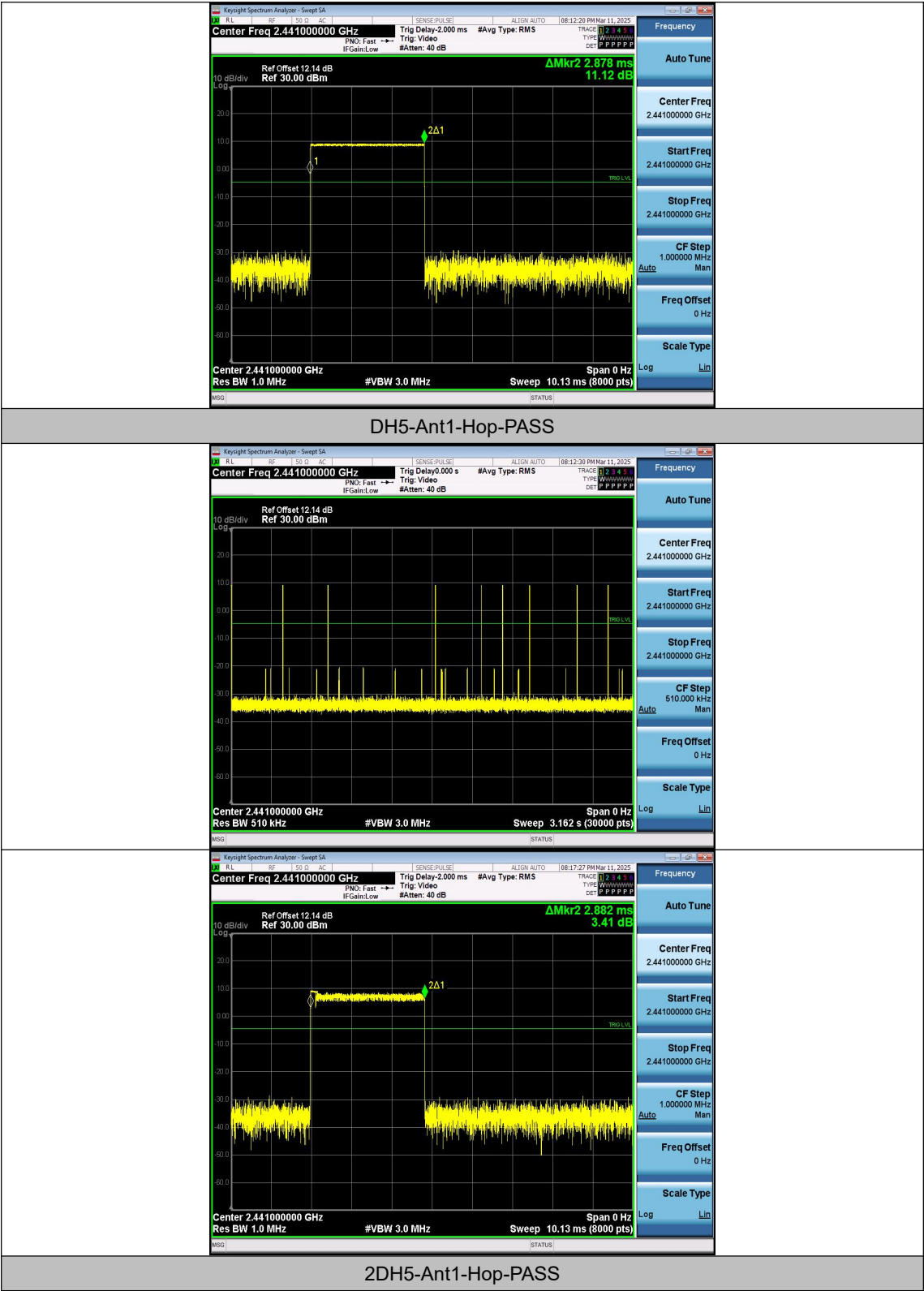


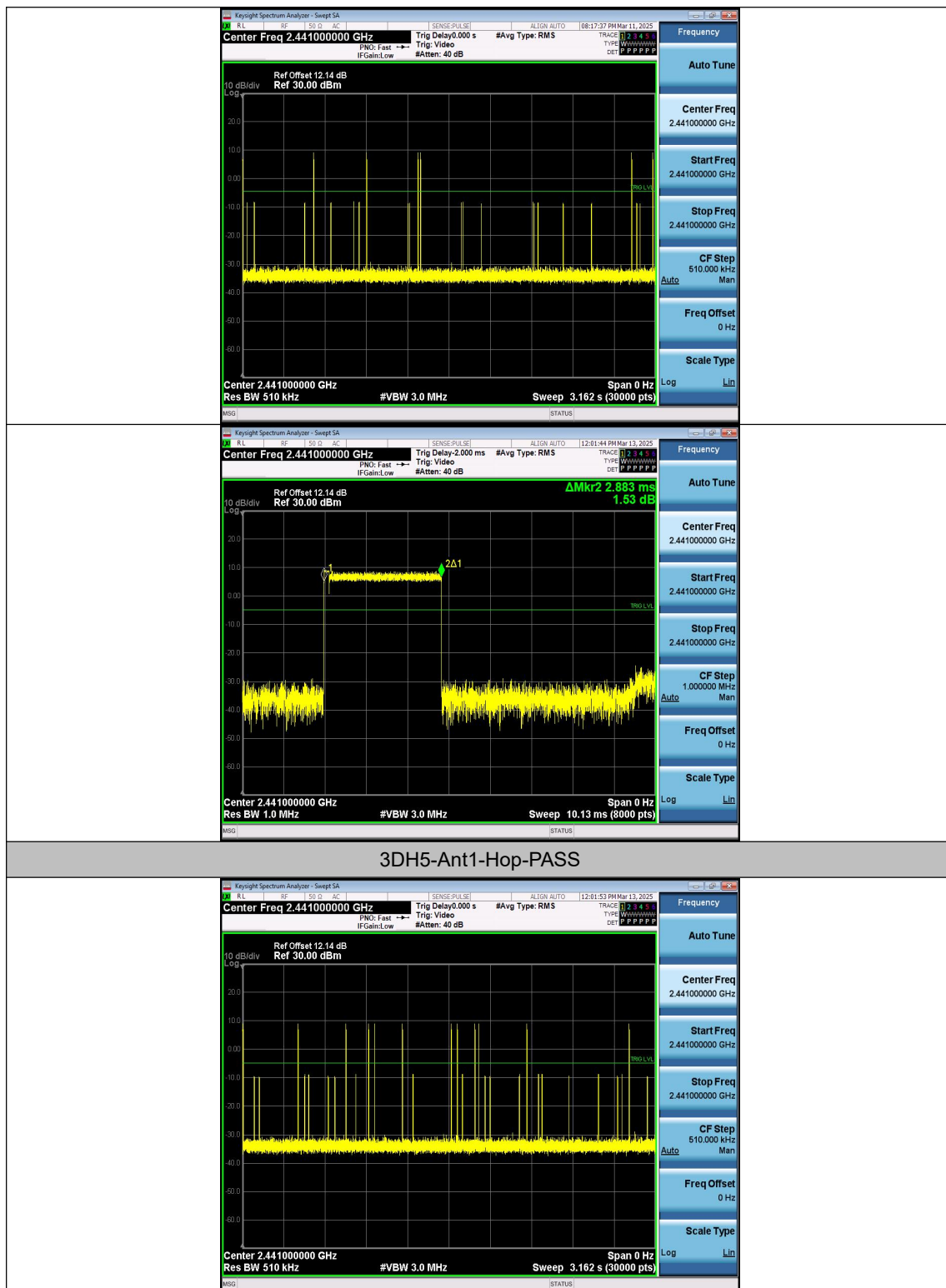
Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.878	90	0.259	≤0.4	PASS
2DH5	Ant1	Hop	2.882	70	0.202	≤0.4	PASS
3DH5	Ant1	Hop	2.883	130	0.375	≤0.4	PASS

Test Graphs





Appendix F: 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
3DH5	Ant1	Hop	79	≥15	PASS

Test Graphs



Appendix G: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
DH5	Ant1	2402	2402.01	6.46
DH5	Ant1	2441	2441.15	8.51
DH5	Ant1	2480	2479.84	9.68
2DH5	Ant1	2402	2402.00	6.30
2DH5	Ant1	2441	2441.18	8.27
2DH5	Ant1	2480	2479.85	9.21
3DH5	Ant1	2402	2402.18	6.52
3DH5	Ant1	2441	2441.16	8.87
3DH5	Ant1	2480	2480.14	8.64