

Appendix for Bluetooth BR+EDR Mode

Product Name: Motorized slats treadmill

Model No: 6363TA, 6363EA, 6364EA, 6364TA, 6365EA,
6365TA, 6367EA, 6367TA, 6460EA, 6460TA

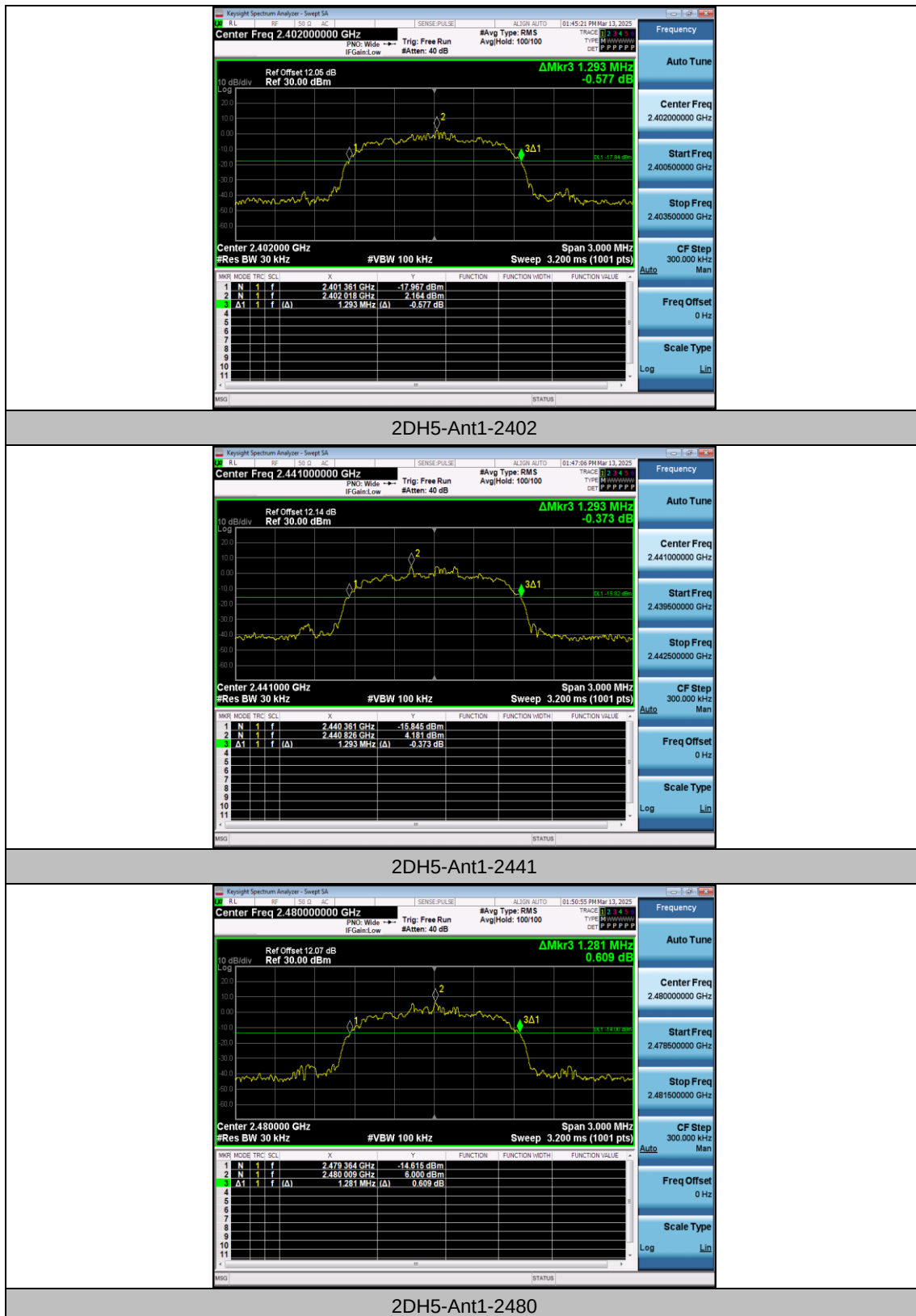
Appendix A: 20dB Emission Bandwidth

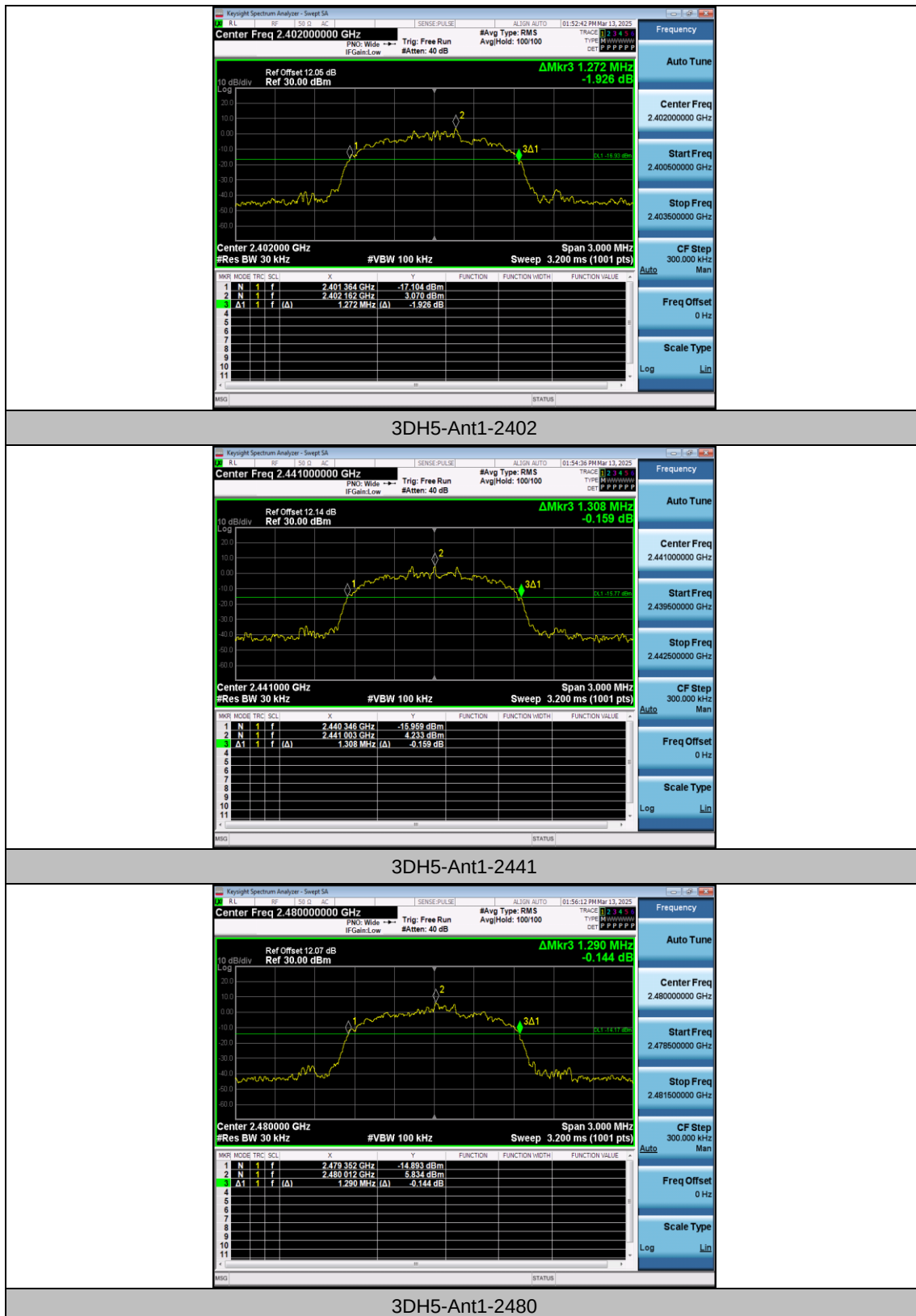
Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.840	2401.562	2402.402	---	---
DH5	Ant1	2441	0.834	2440.568	2441.402	---	---
DH5	Ant1	2480	0.816	2479.595	2480.411	---	---
2DH5	Ant1	2402	1.293	2401.361	2402.654	---	---
2DH5	Ant1	2441	1.293	2440.361	2441.654	---	---
2DH5	Ant1	2480	1.281	2479.364	2480.645	---	---
3DH5	Ant1	2402	1.272	2401.364	2402.636	---	---
3DH5	Ant1	2441	1.308	2440.346	2441.654	---	---
3DH5	Ant1	2480	1.290	2479.352	2480.642	---	---

Test Graphs





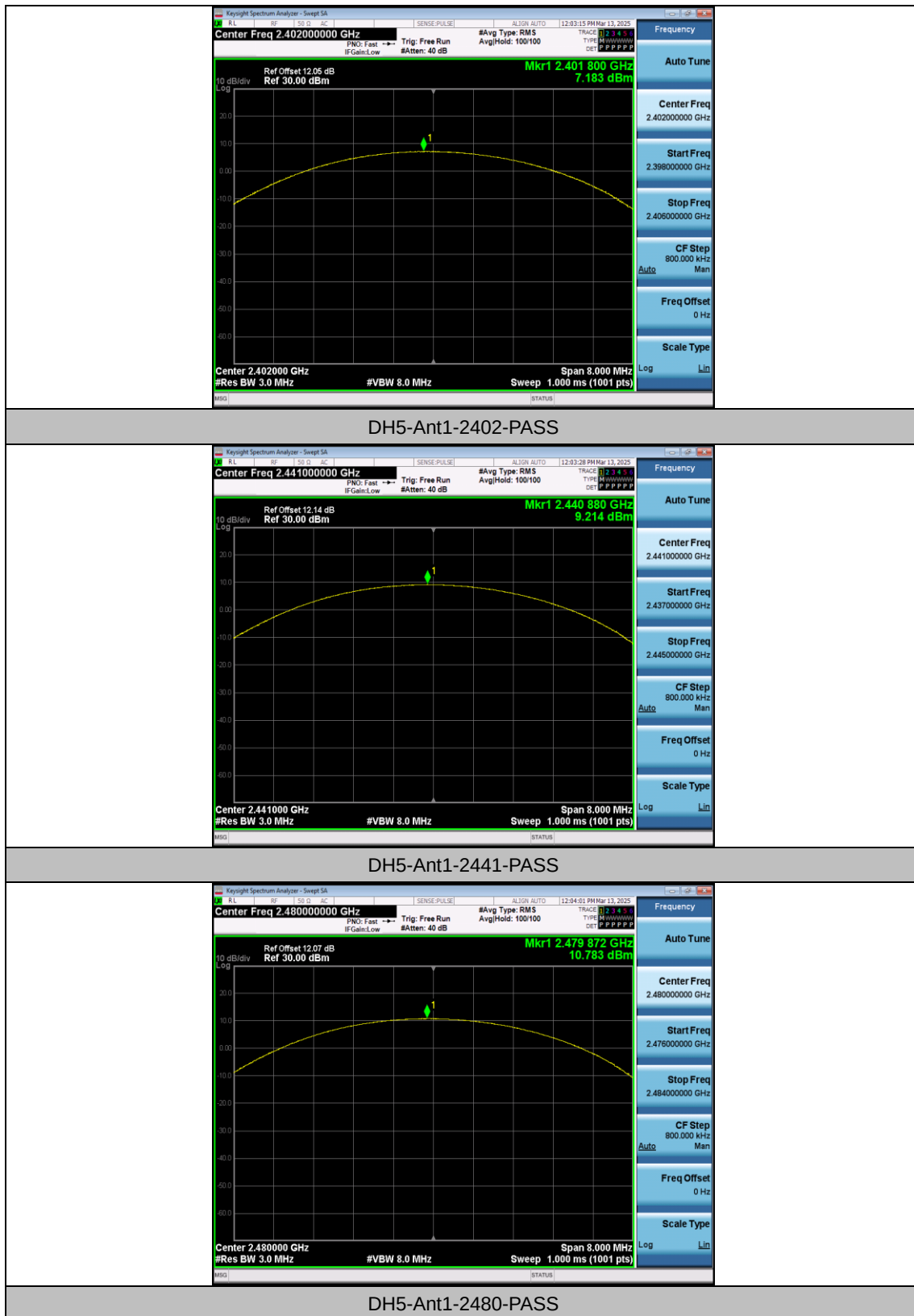


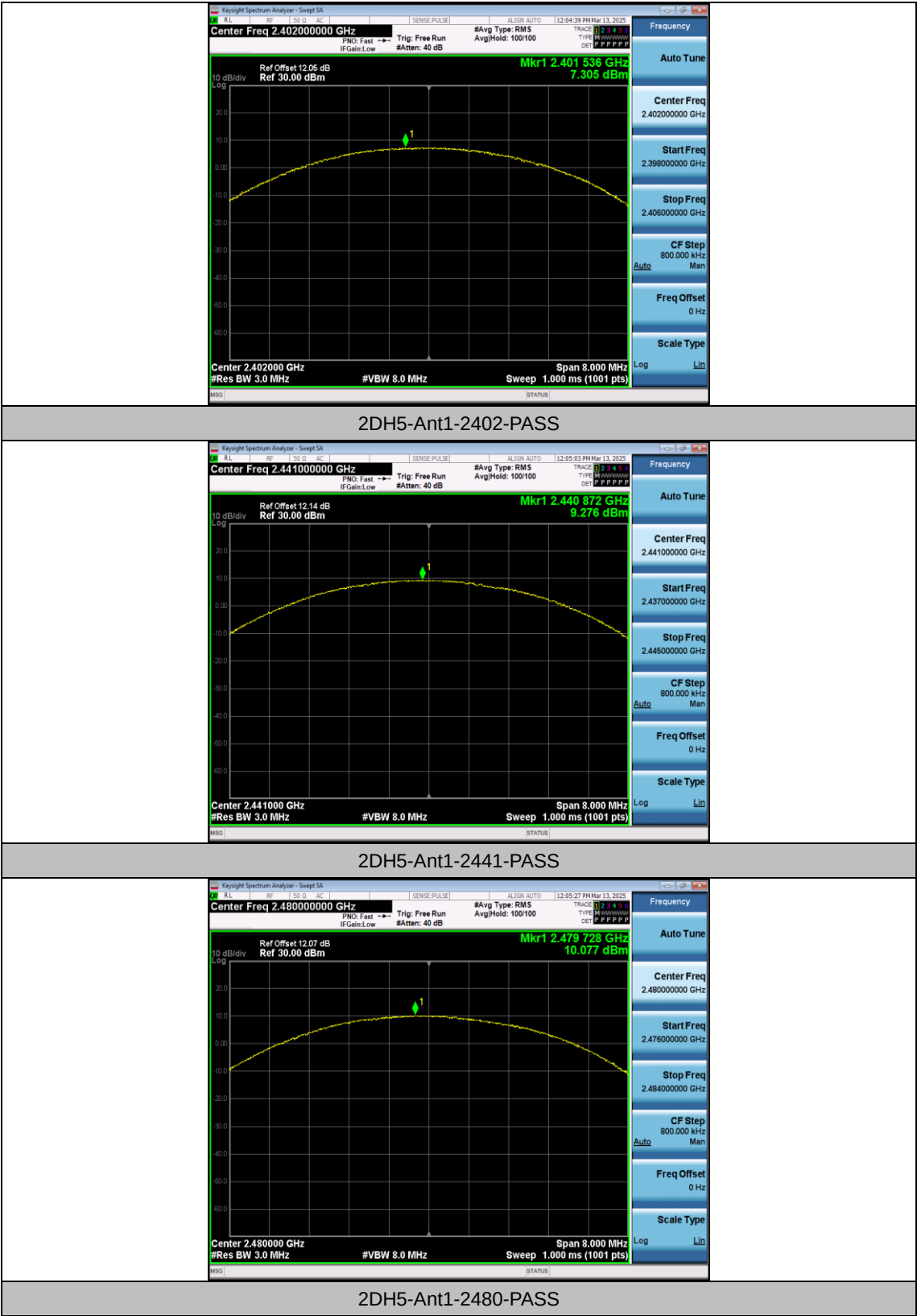
Appendix B: Maximum conducted output power

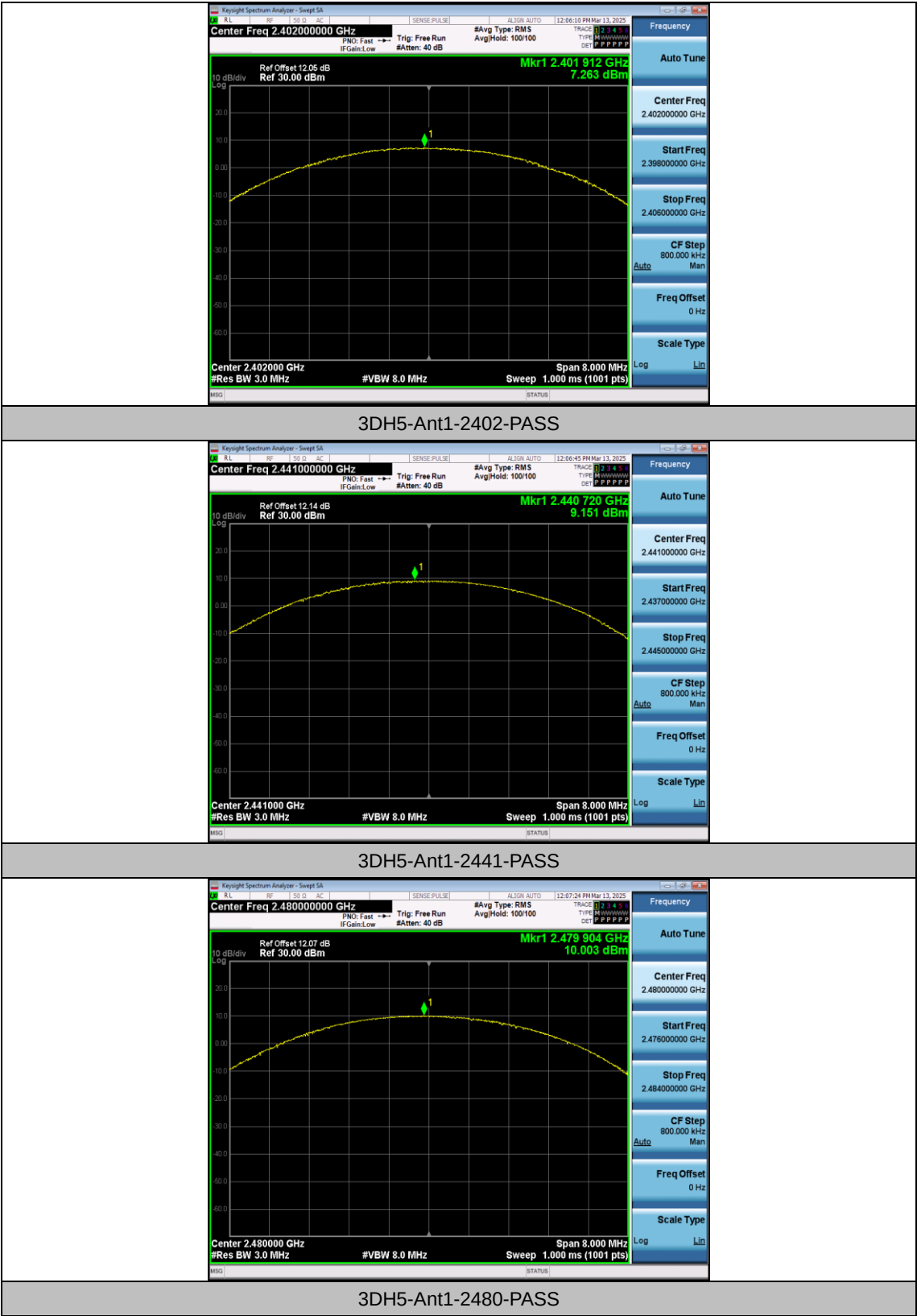
Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	7.18	≤30	PASS
DH5	Ant1	2441	9.21	≤30	PASS
DH5	Ant1	2480	10.78	≤30	PASS
2DH5	Ant1	2402	7.31	≤30	PASS
2DH5	Ant1	2441	9.28	≤30	PASS
2DH5	Ant1	2480	10.08	≤30	PASS
3DH5	Ant1	2402	7.26	≤30	PASS
3DH5	Ant1	2441	9.15	≤30	PASS
3DH5	Ant1	2480	10.00	≤30	PASS

Test Graphs





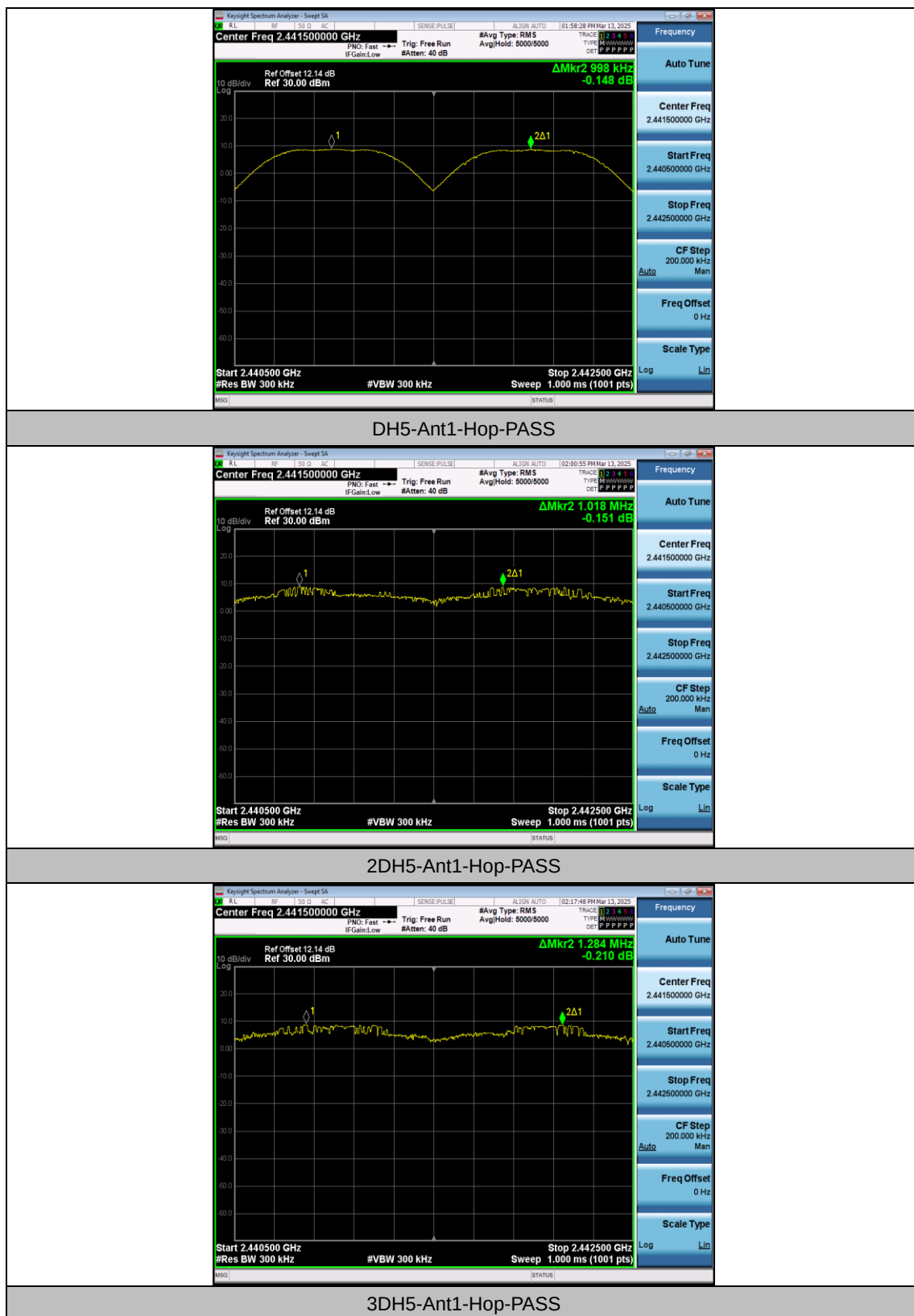


Appendix C: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.998	≥ 0.840	PASS
2DH5	Ant1	Hop	1.018	≥ 0.862	PASS
3DH5	Ant1	Hop	1.284	≥ 0.872	PASS

Test Graphs

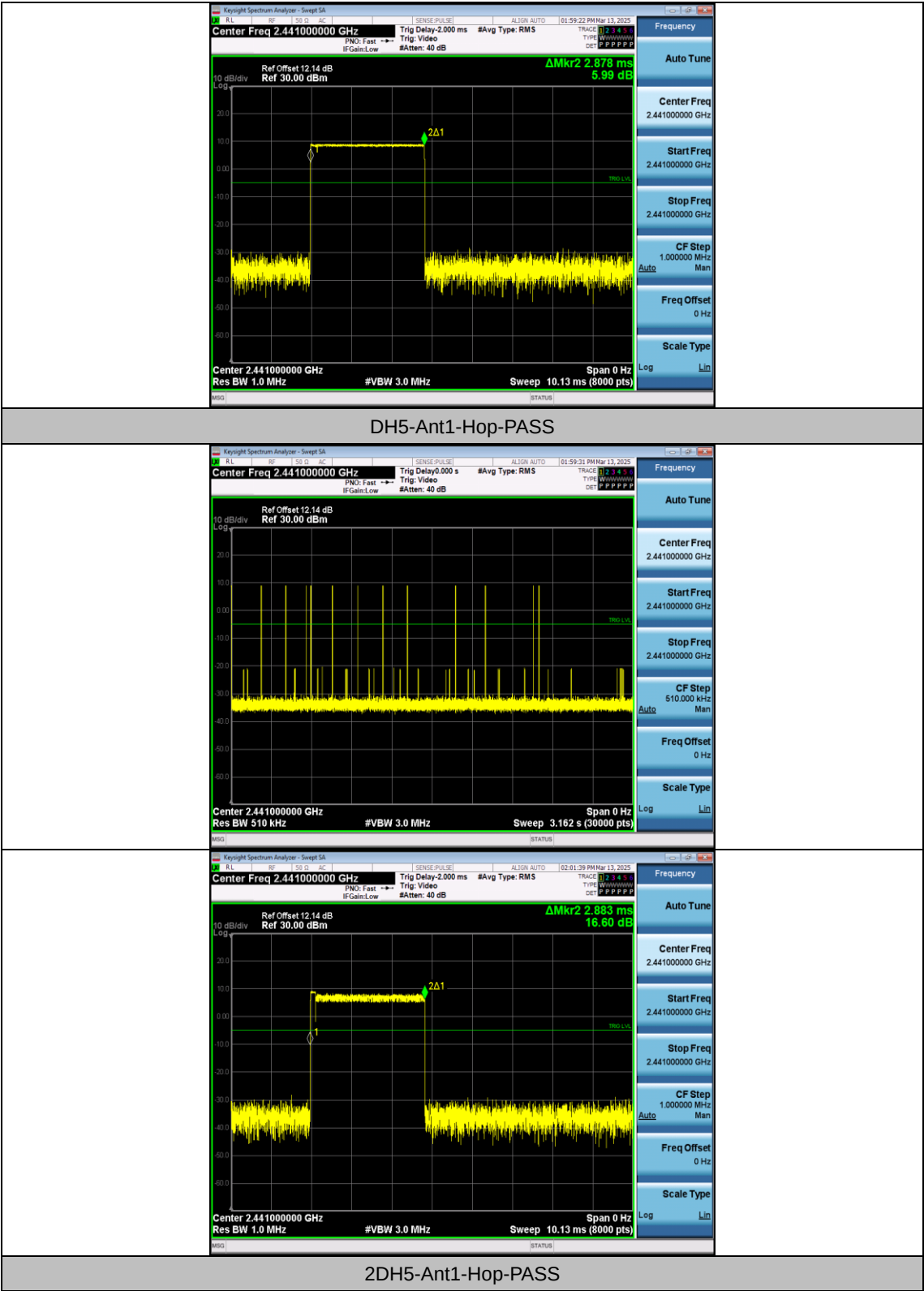


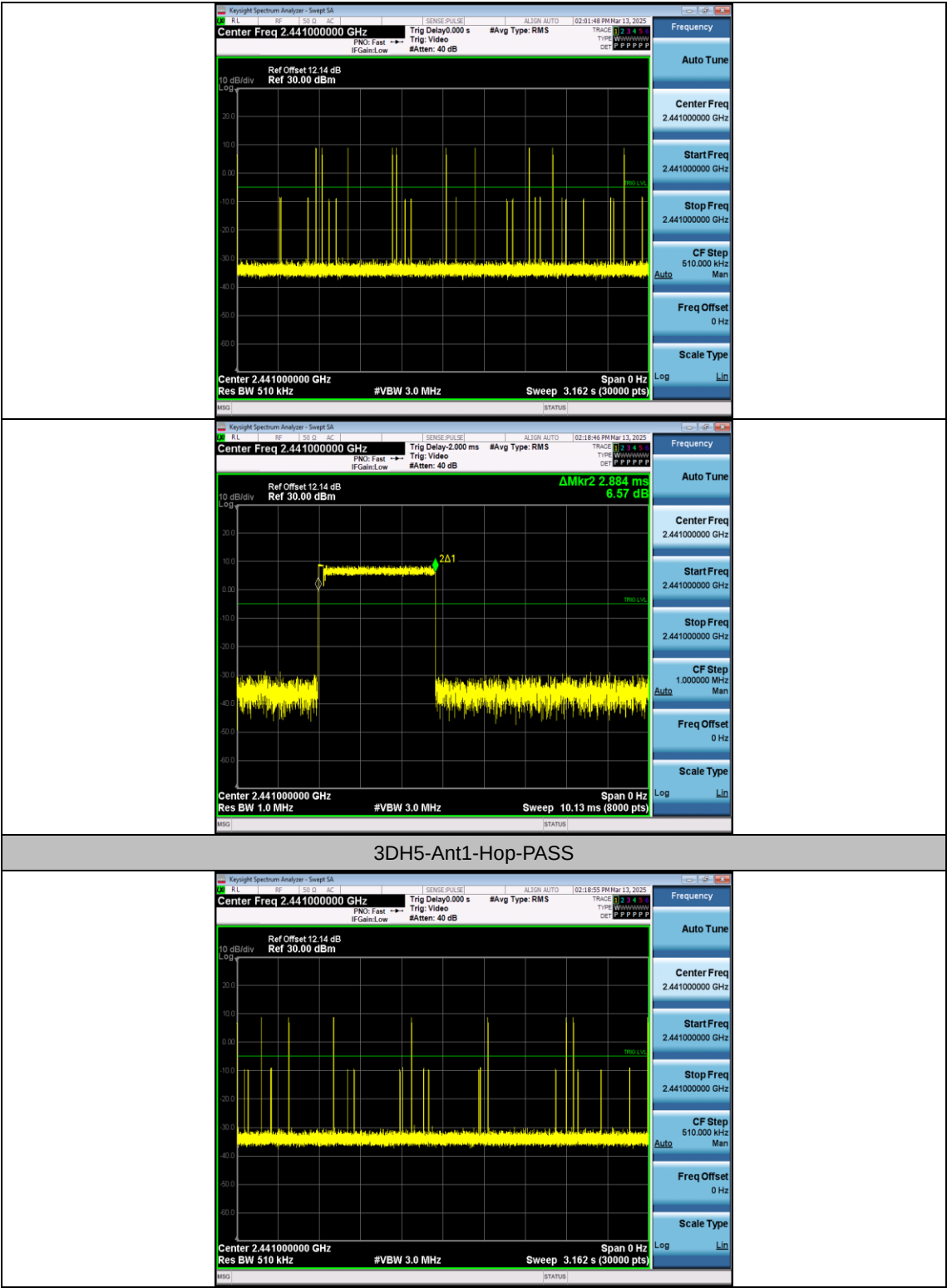
Appendix D: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.878	130	0.374	≤0.4	PASS
2DH5	Ant1	Hop	2.883	110	0.317	≤0.4	PASS
3DH5	Ant1	Hop	2.884	90	0.26	≤0.4	PASS

Test Graphs



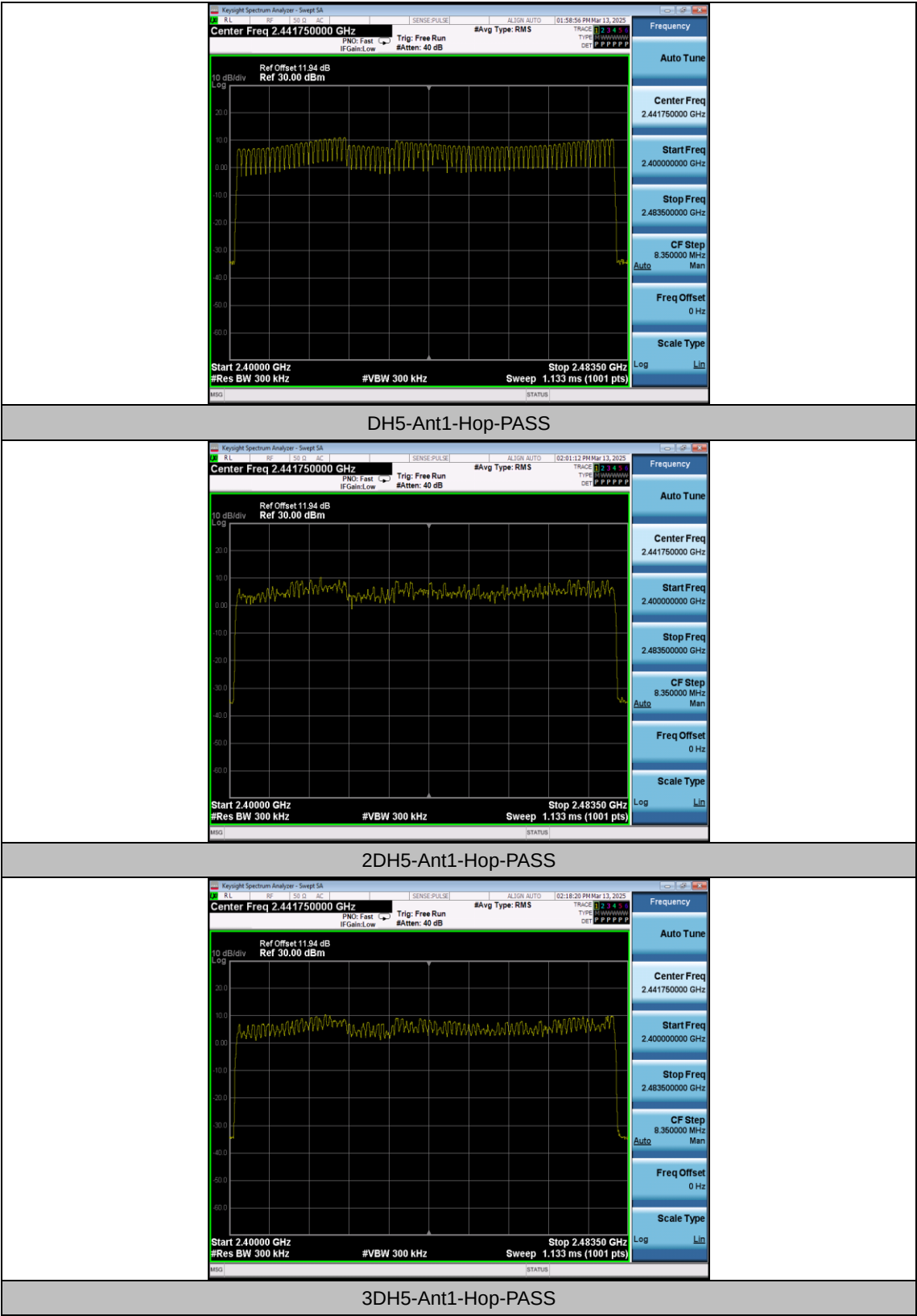


Appendix E: Number of hopping channels

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

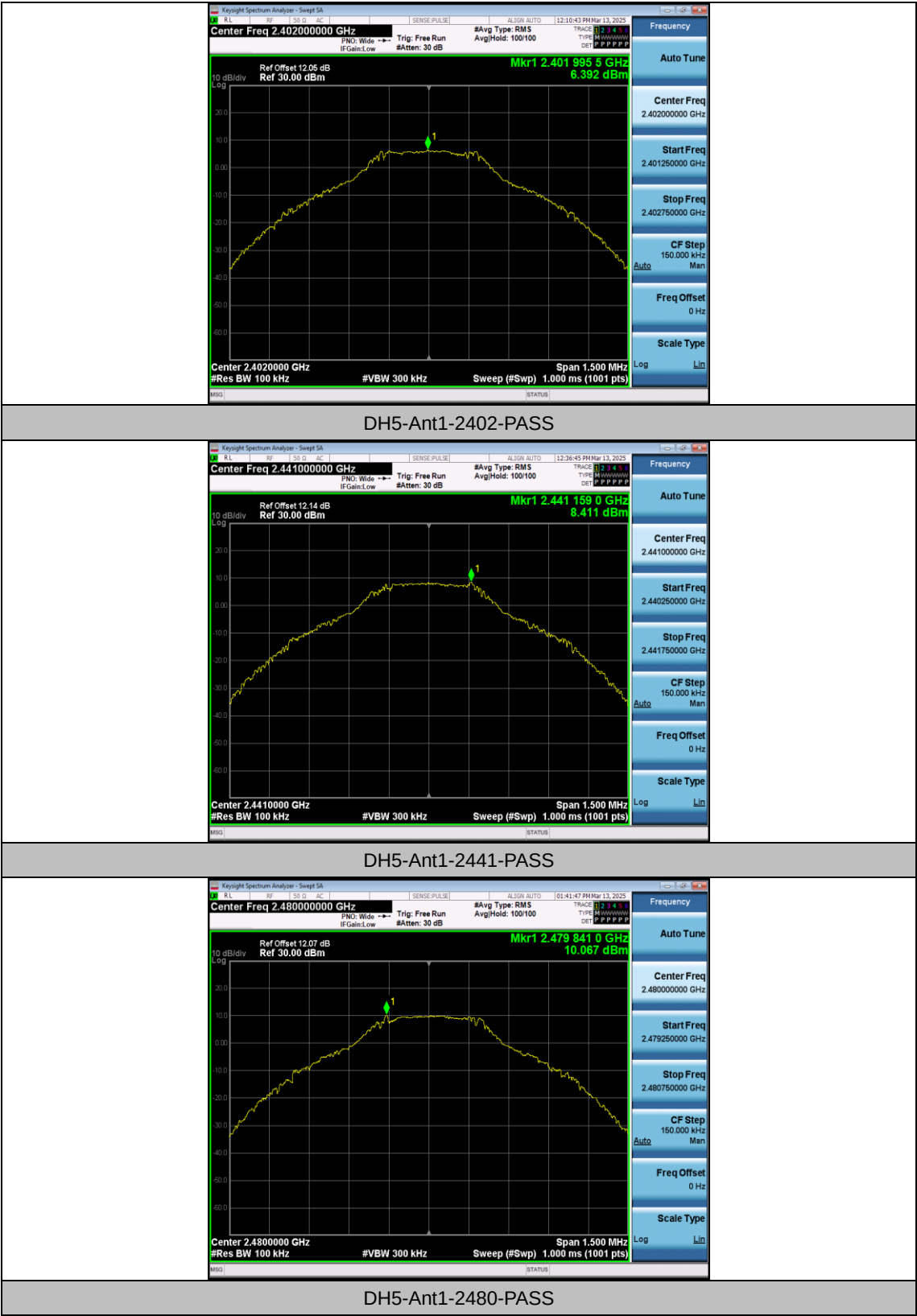


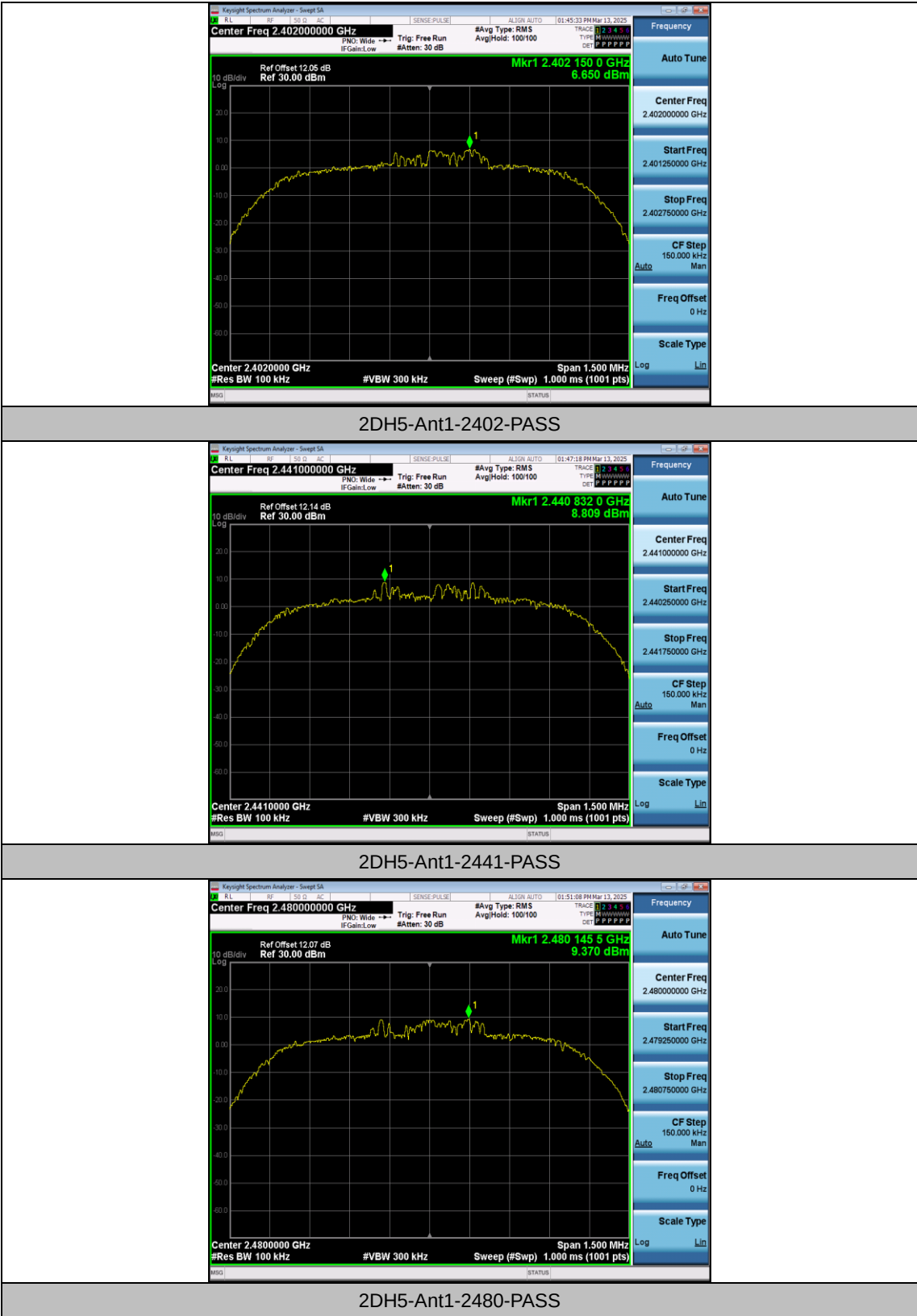
Appendix F: Reference level measurement

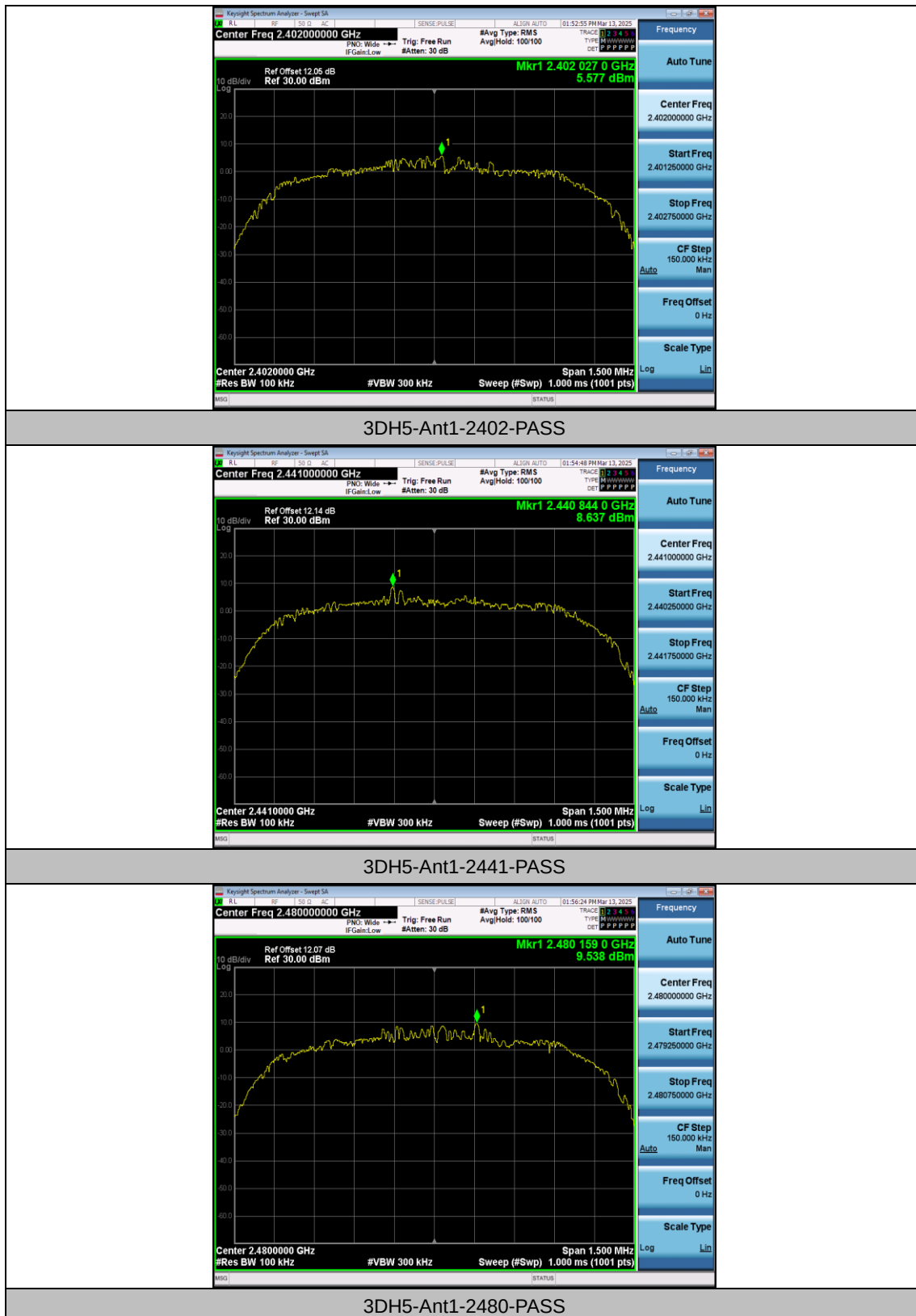
Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
DH5	Ant1	2402	2402.00	6.39
DH5	Ant1	2441	2441.16	8.41
DH5	Ant1	2480	2479.84	10.07
2DH5	Ant1	2402	2402.15	6.65
2DH5	Ant1	2441	2440.83	8.81
2DH5	Ant1	2480	2480.15	9.37
3DH5	Ant1	2402	2402.03	5.58
3DH5	Ant1	2441	2440.84	8.64
3DH5	Ant1	2480	2480.16	9.54

Test Graphs





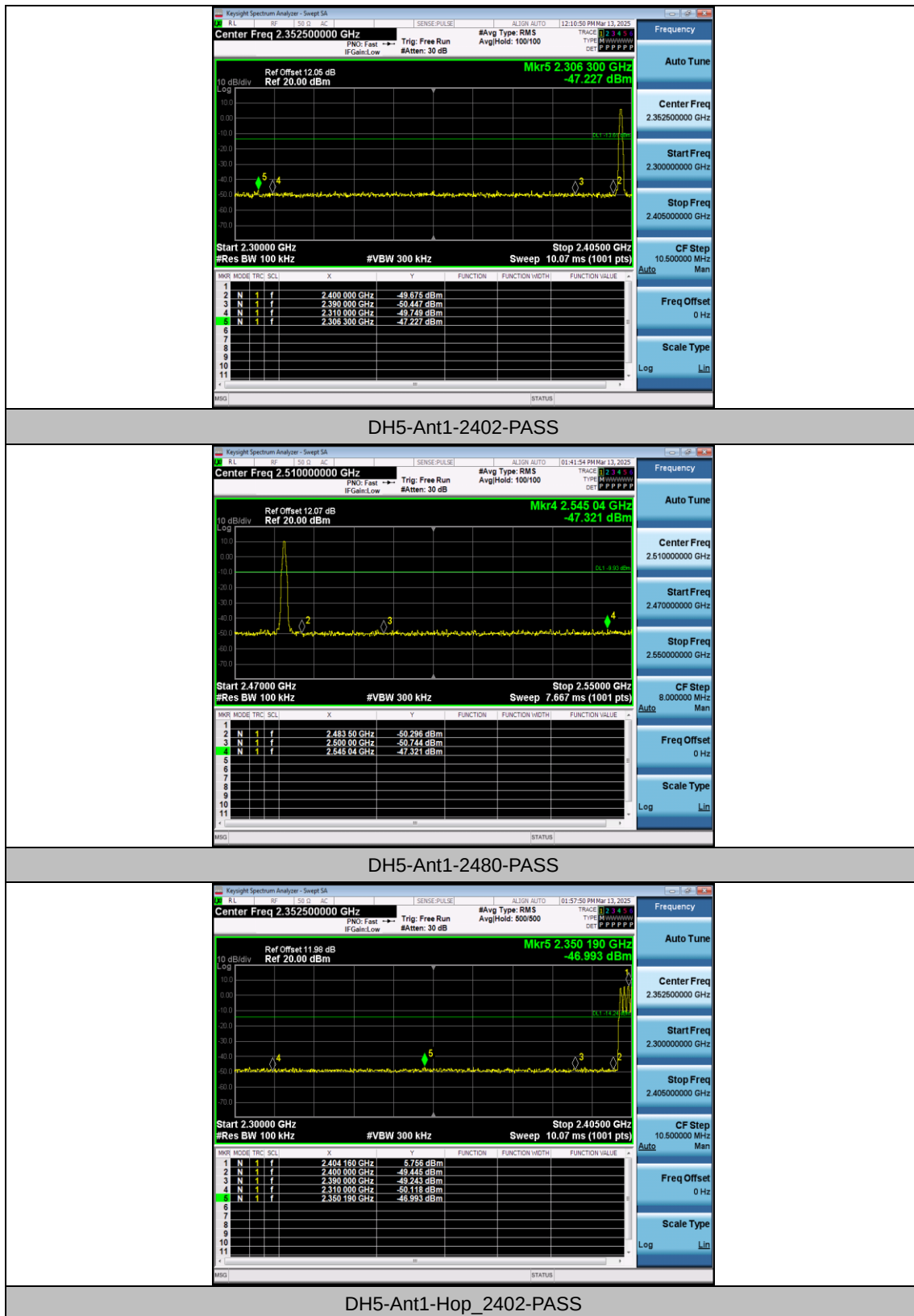


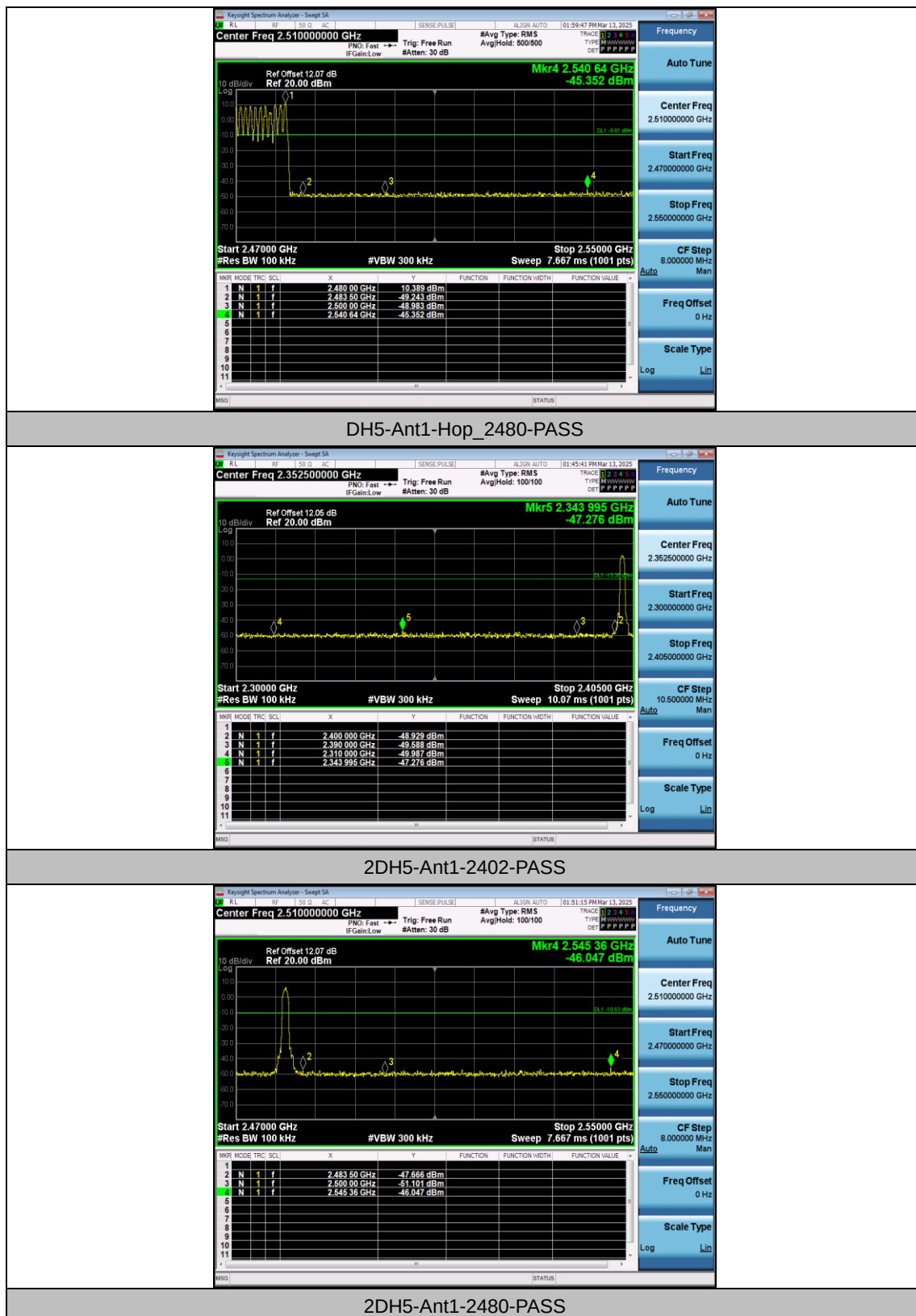
Appendix G: Band edge measurements

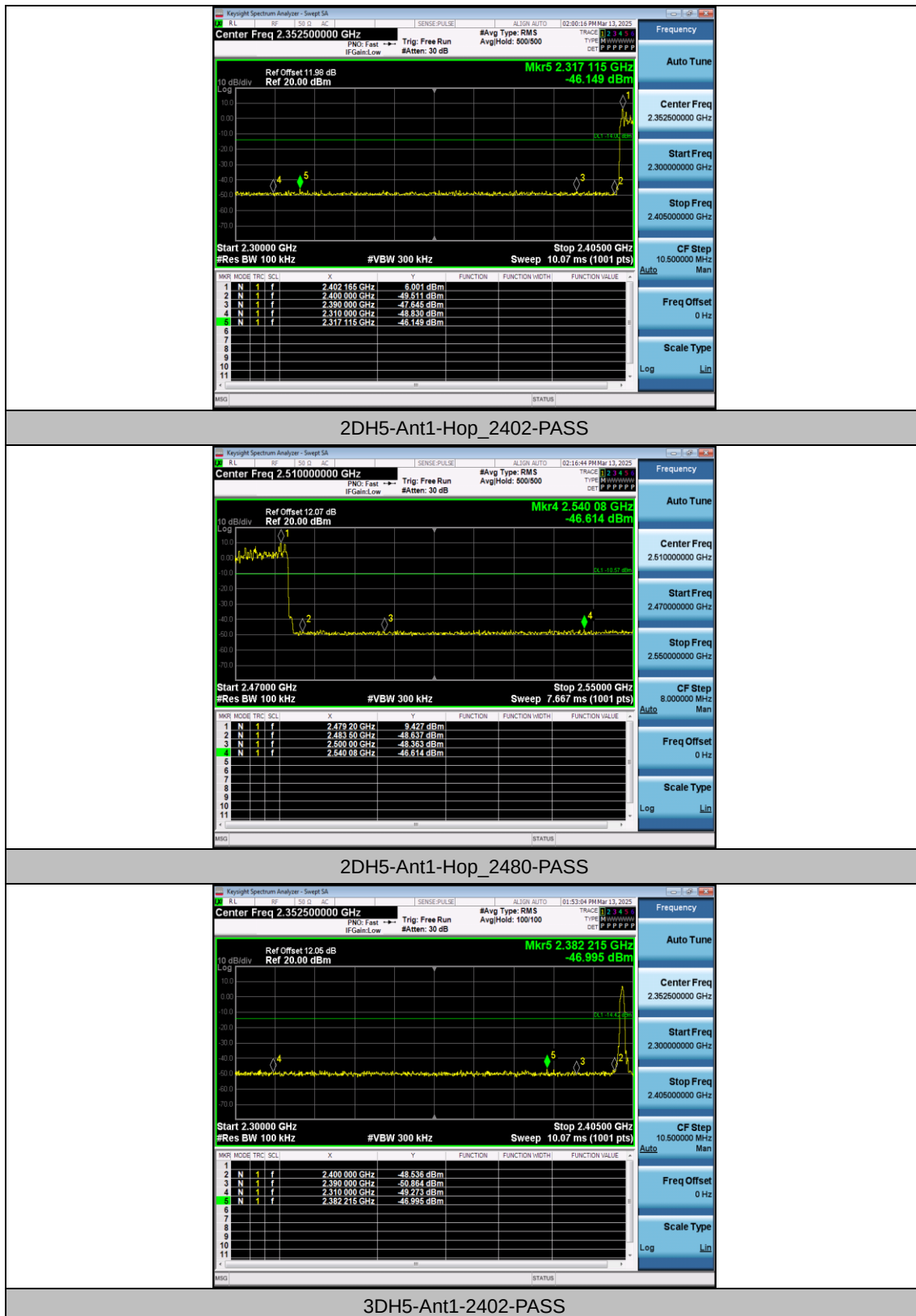
Test Result

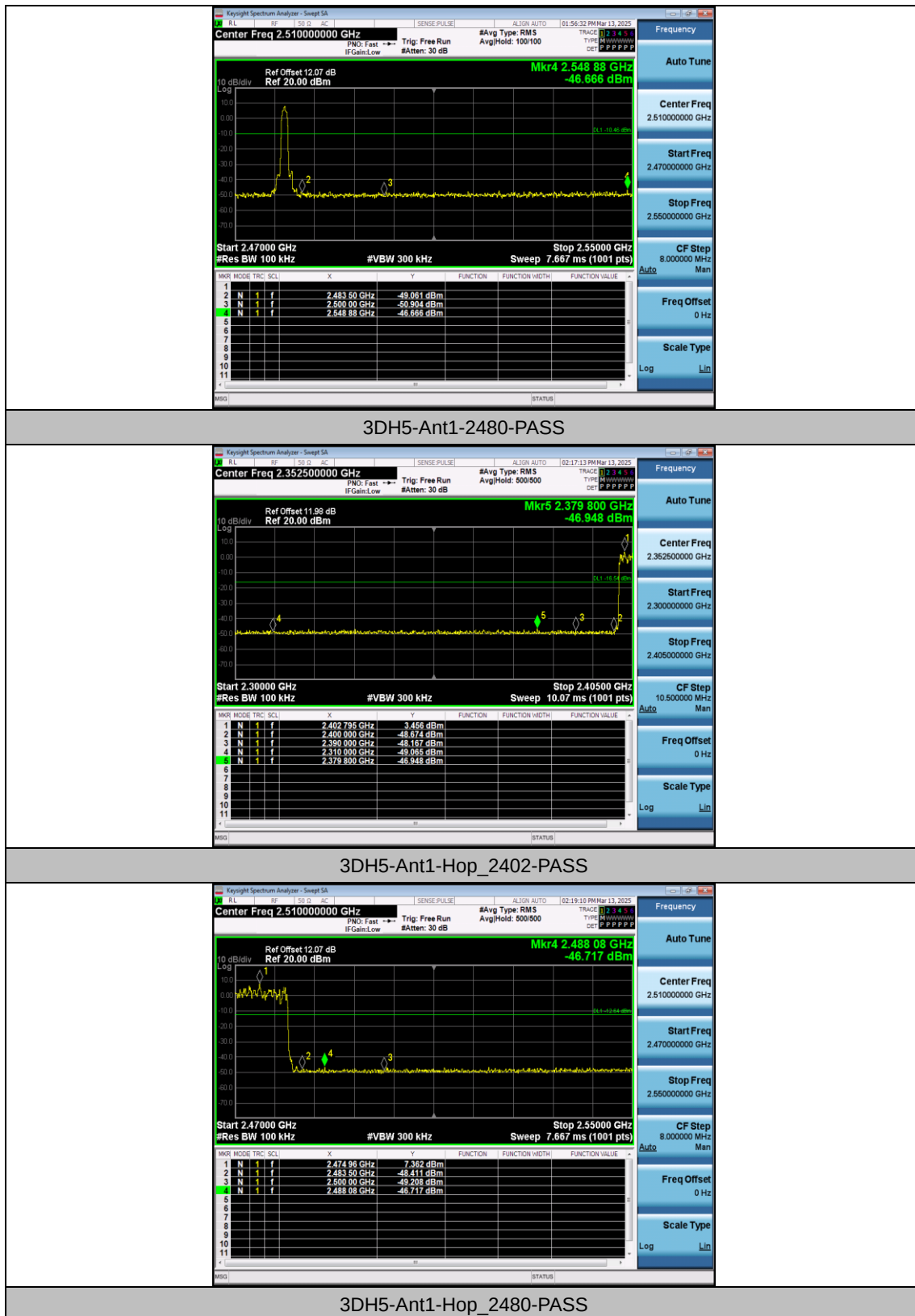
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	6.39	-47.23	≤-13.61	PASS
DH5	Ant1	High	2480	10.07	-47.32	≤-9.93	PASS
DH5	Ant1	Low	Hop_2402	5.76	-46.99	≤-14.24	PASS
DH5	Ant1	High	Hop_2480	10.39	-45.35	≤-9.61	PASS
2DH5	Ant1	Low	2402	6.65	-47.28	≤-13.35	PASS
2DH5	Ant1	High	2480	9.37	-46.05	≤-10.63	PASS
2DH5	Ant1	Low	Hop_2402	6.00	-46.15	≤-14	PASS
2DH5	Ant1	High	Hop_2480	9.43	-46.61	≤-10.57	PASS
3DH5	Ant1	Low	2402	5.58	-47.00	≤-14.42	PASS
3DH5	Ant1	High	2480	9.54	-46.67	≤-10.46	PASS
3DH5	Ant1	Low	Hop_2402	3.46	-46.95	≤-16.54	PASS
3DH5	Ant1	High	Hop_2480	7.36	-46.72	≤-12.64	PASS

Test Graphs









Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	30~1000	6.39	-59.01	≤-13.61	PASS
DH5	Ant1	2402	1000~26500	6.39	-43.83	≤-13.61	PASS
DH5	Ant1	2441	30~1000	8.41	-58.41	≤-11.59	PASS
DH5	Ant1	2441	1000~26500	8.41	-37.02	≤-11.59	PASS
DH5	Ant1	2480	30~1000	10.07	-58.52	≤-9.93	PASS
DH5	Ant1	2480	1000~26500	10.07	-44.04	≤-9.93	PASS
2DH5	Ant1	2402	30~1000	6.65	-59.1	≤-13.35	PASS
2DH5	Ant1	2402	1000~26500	6.65	-44.13	≤-13.35	PASS
2DH5	Ant1	2441	30~1000	8.81	-58.93	≤-11.19	PASS
2DH5	Ant1	2441	1000~26500	8.81	-44.31	≤-11.19	PASS
2DH5	Ant1	2480	30~1000	9.37	-57.95	≤-10.63	PASS
2DH5	Ant1	2480	1000~26500	9.37	-44.55	≤-10.63	PASS
3DH5	Ant1	2402	30~1000	5.58	-58.54	≤-14.42	PASS
3DH5	Ant1	2402	1000~26500	5.58	-44.54	≤-14.42	PASS
3DH5	Ant1	2441	30~1000	8.64	-58.88	≤-11.36	PASS
3DH5	Ant1	2441	1000~26500	8.64	-43.68	≤-11.36	PASS
3DH5	Ant1	2480	30~1000	9.54	-58.8	≤-10.46	PASS
3DH5	Ant1	2480	1000~26500	9.54	-43.79	≤-10.46	PASS