

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.948	2401.550	2402.498	---	---
DH5	Ant1	2441	0.942	2440.550	2441.492	---	---
DH5	Ant1	2480	1.194	2479.430	2480.624	---	---
2DH5	Ant1	2402	1.272	2401.382	2402.654	---	---
2DH5	Ant1	2441	1.254	2440.388	2441.642	---	---
2DH5	Ant1	2480	1.221	2479.403	2480.624	---	---
3DH5	Ant1	2402	1.266	2401.367	2402.633	---	---
3DH5	Ant1	2441	1.248	2440.373	2441.621	---	---
3DH5	Ant1	2480	1.242	2479.376	2480.618	---	---

Test Graphs

DH5-Ant1-2402



DH5-Ant1-2441



DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441



2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480



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	8.77	≤20.97	PASS
DH5	Ant1	2441	8.22	≤20.97	PASS
DH5	Ant1	2480	6.89	≤20.97	PASS
2DH5	Ant1	2402	8.72	≤20.97	PASS
2DH5	Ant1	2441	8.22	≤20.97	PASS
2DH5	Ant1	2480	6.78	≤20.97	PASS
3DH5	Ant1	2402	8.69	≤20.97	PASS
3DH5	Ant1	2441	8.18	≤20.97	PASS
3DH5	Ant1	2480	6.74	≤20.97	PASS

Test Graphs





DH5-Ant1-2480-PASS



2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS



2DH5-Ant1-2480-PASS



3DH5-Ant1-2402-PASS



3DH5-Ant1-2441-PASS



3DH5-Ant1-2480-PASS



Appendix C: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.065	≥ 0.796	PASS
DH5	Ant1	2441	1.173	≥ 0.796	PASS
DH5	Ant1	2480	0.966	≥ 0.796	PASS
2DH5	Ant1	2402	0.936	≥ 0.848	PASS
2DH5	Ant1	2441	1.467	≥ 1.272	PASS
2DH5	Ant1	2480	1.473	≥ 1.272	PASS
3DH5	Ant1	2402	0.855	≥ 0.844	PASS
3DH5	Ant1	2441	0.96	≥ 0.844	PASS
3DH5	Ant1	2480	1.02	≥ 0.844	PASS

Test Graphs

DH5-Ant1-2402-PASS



DH5-Ant1-2441-PASS



DH5-Ant1-2480-PASS



2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS



2DH5-Ant1-2480-PASS



3DH5-Ant1-2402-PASS



3DH5-Ant1-2441-PASS



3DH5-Ant1-2480-PASS



Appendix D: Time of occupancy

Test Result

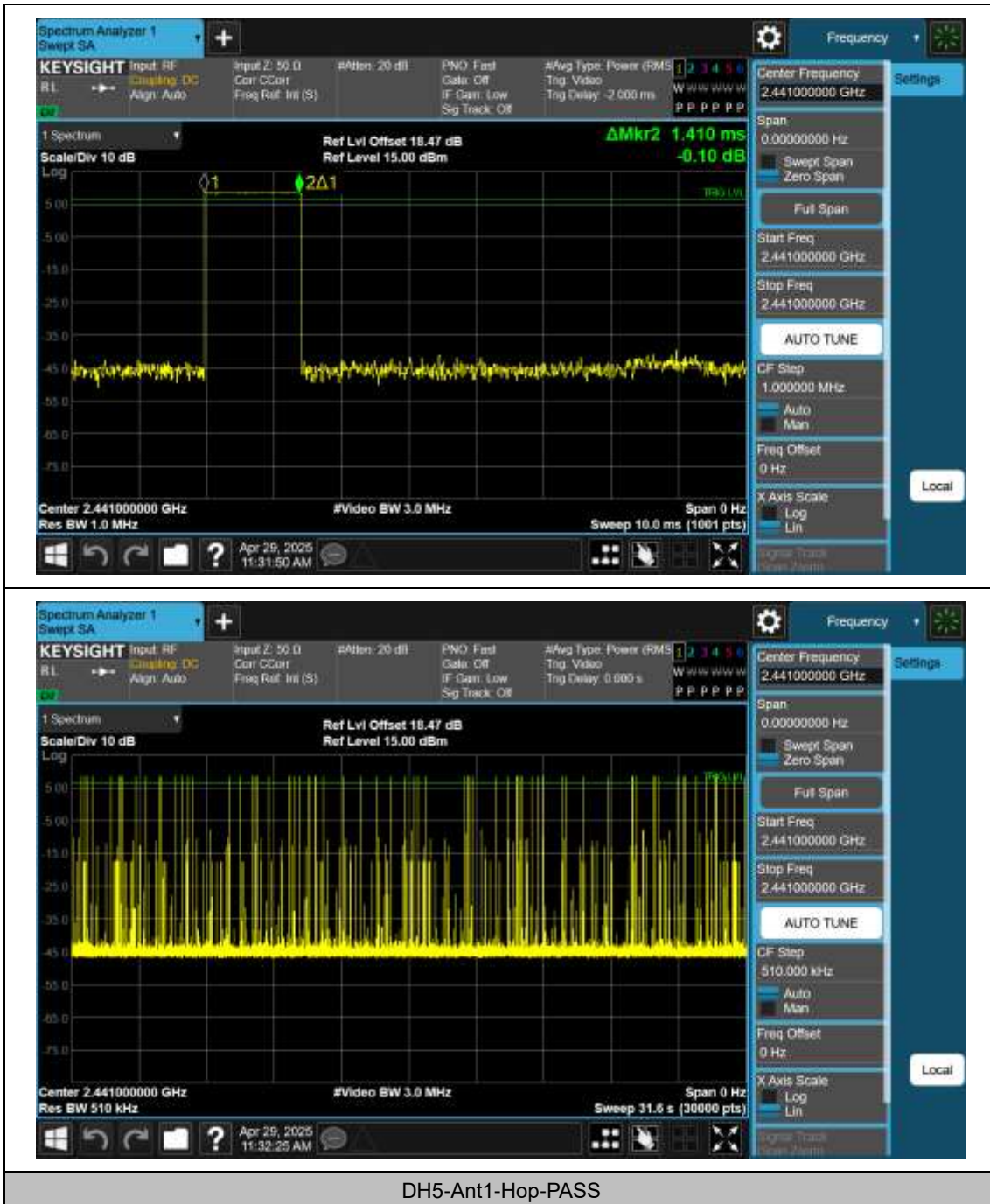
TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.375	74	0.028	≤0.4	PASS
DH3	Ant1	Hop	1.410	70	0.099	≤0.4	PASS
DH5	Ant1	Hop	2.860	49	0.14	≤0.4	PASS
2DH1	Ant1	Hop	0.385	86	0.033	≤0.4	PASS
2DH3	Ant1	Hop	1.620	71	0.115	≤0.4	PASS
2DH5	Ant1	Hop	2.870	47	0.135	≤0.4	PASS
3DH1	Ant1	Hop	0.385	82	0.032	≤0.4	PASS
3DH3	Ant1	Hop	1.620	64	0.104	≤0.4	PASS
3DH5	Ant1	Hop	2.870	49	0.141	≤0.4	PASS

Test Graphs

DH1-Ant1-Hop-PASS



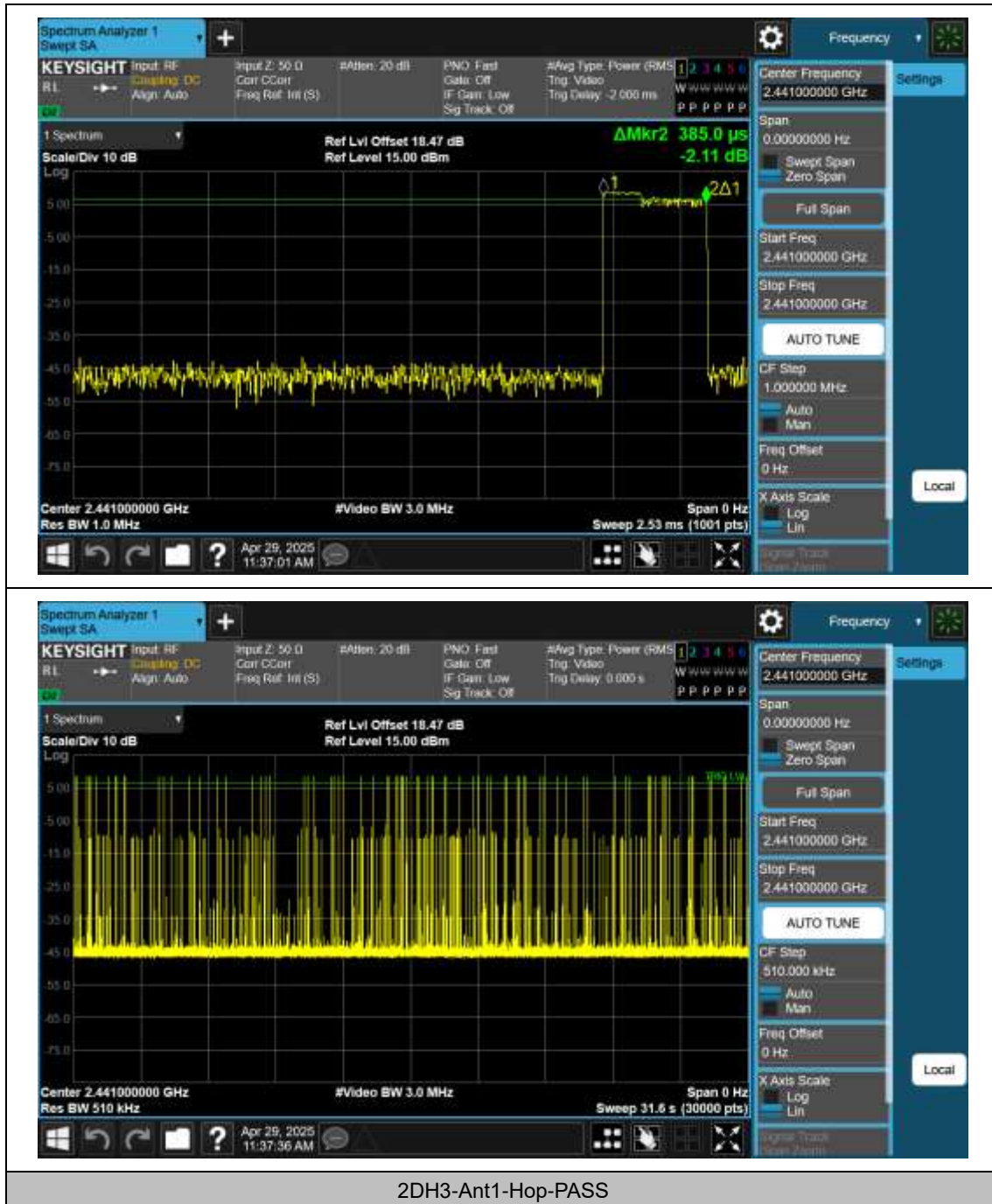
DH3-Ant1-Hop-PASS



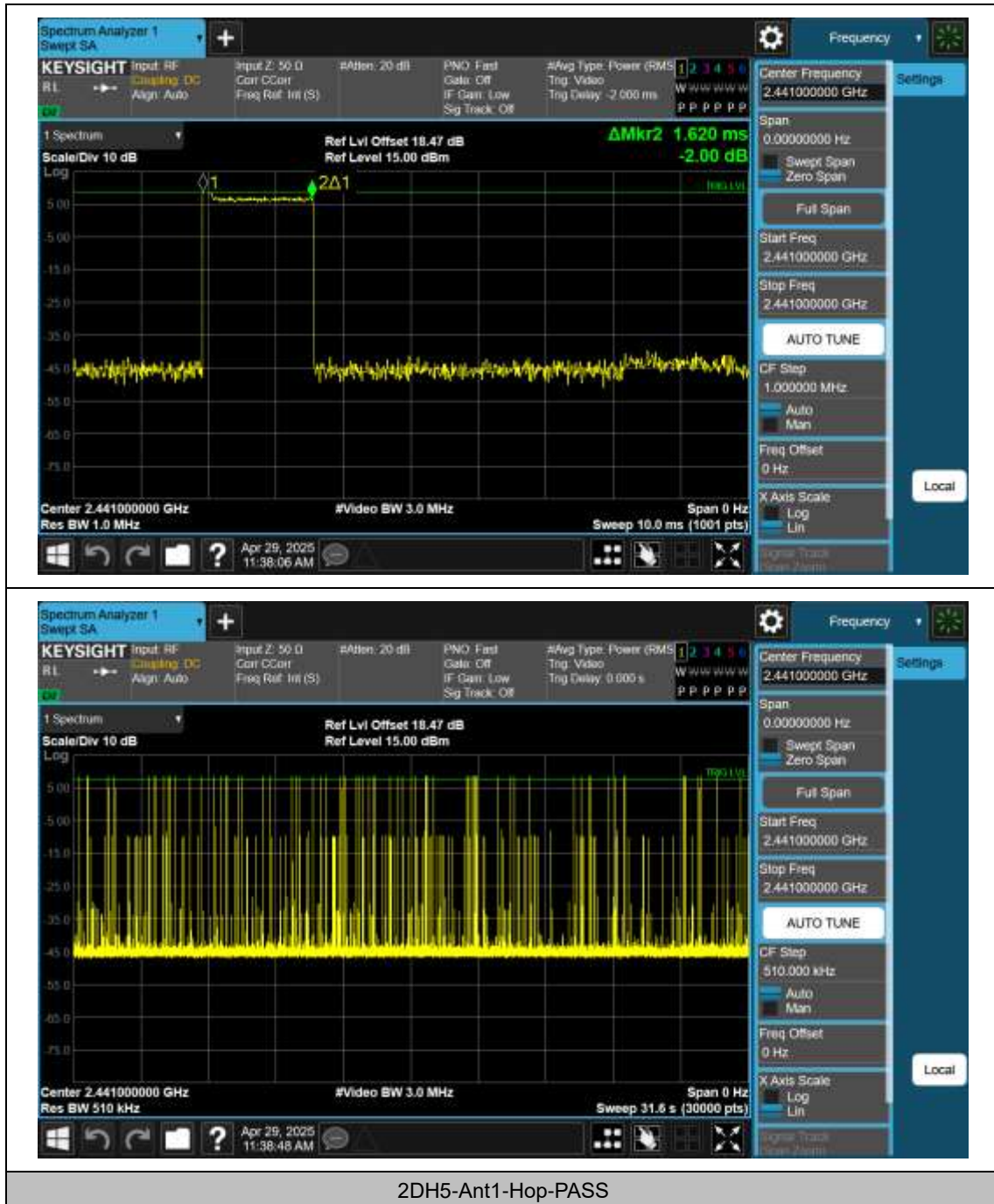
DH5-Ant1-Hop-PASS



2DH1-Ant1-Hop-PASS



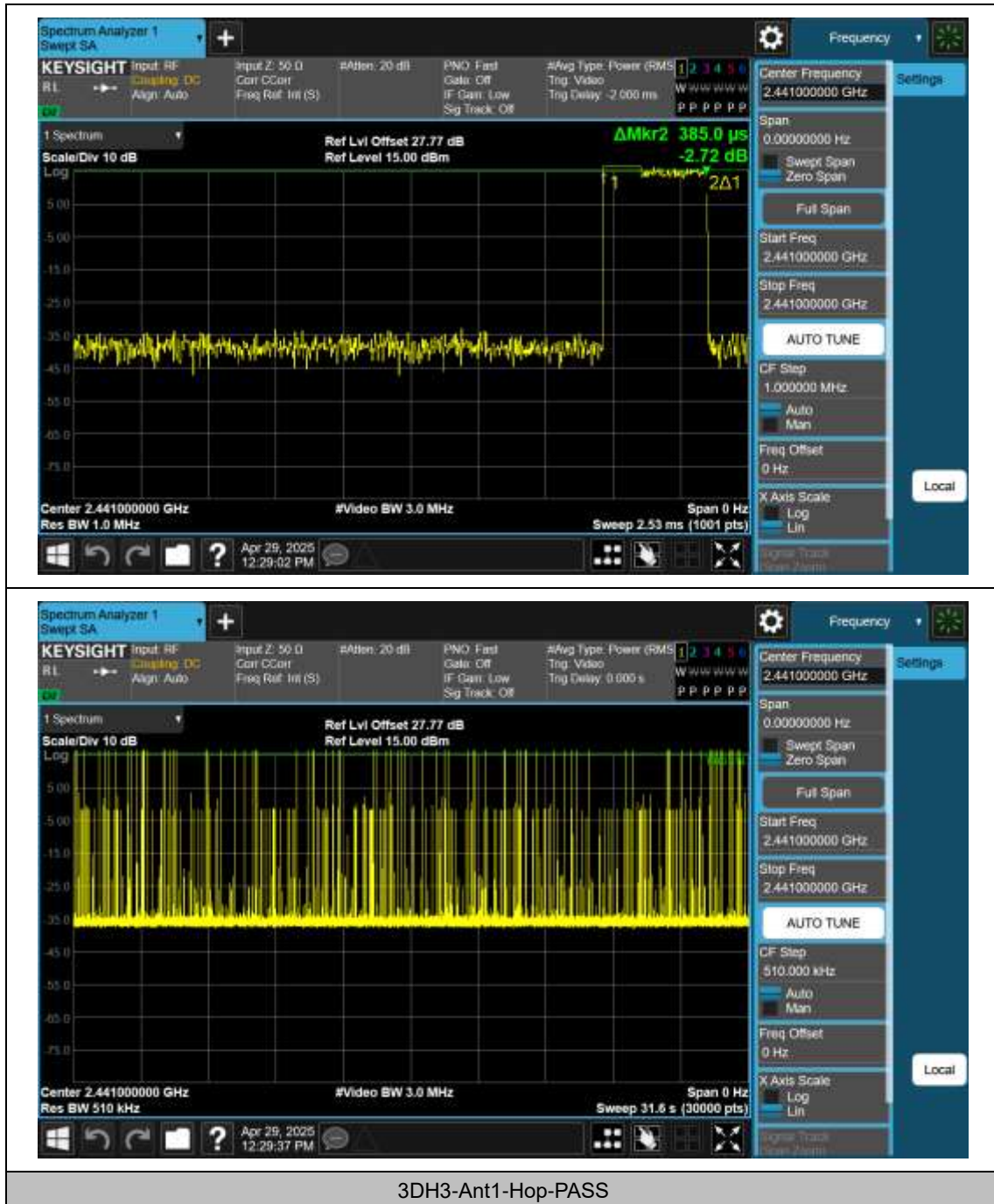
2DH3-Ant1-Hop-PASS



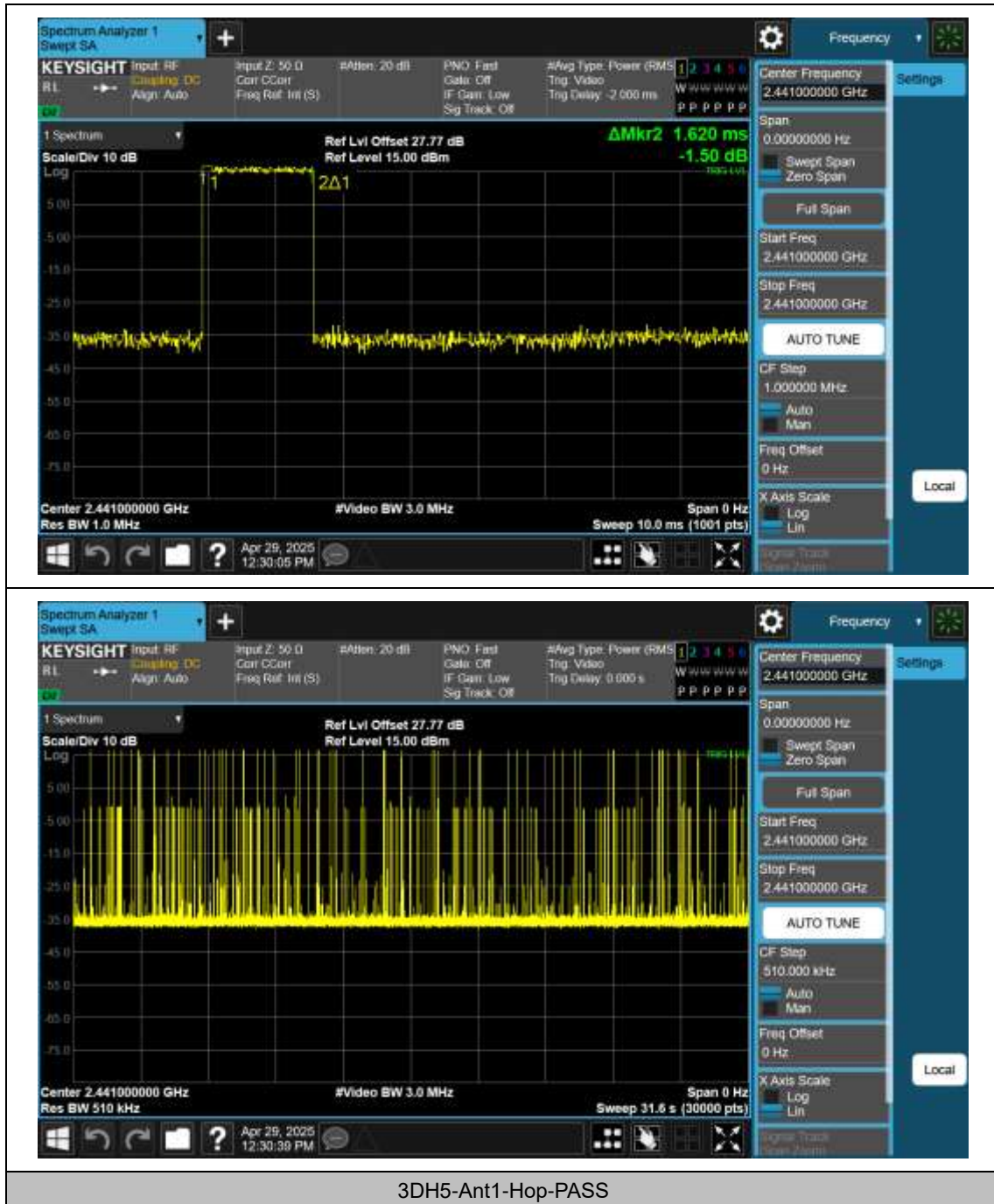
2DHF-Ant1-Hop-PASS



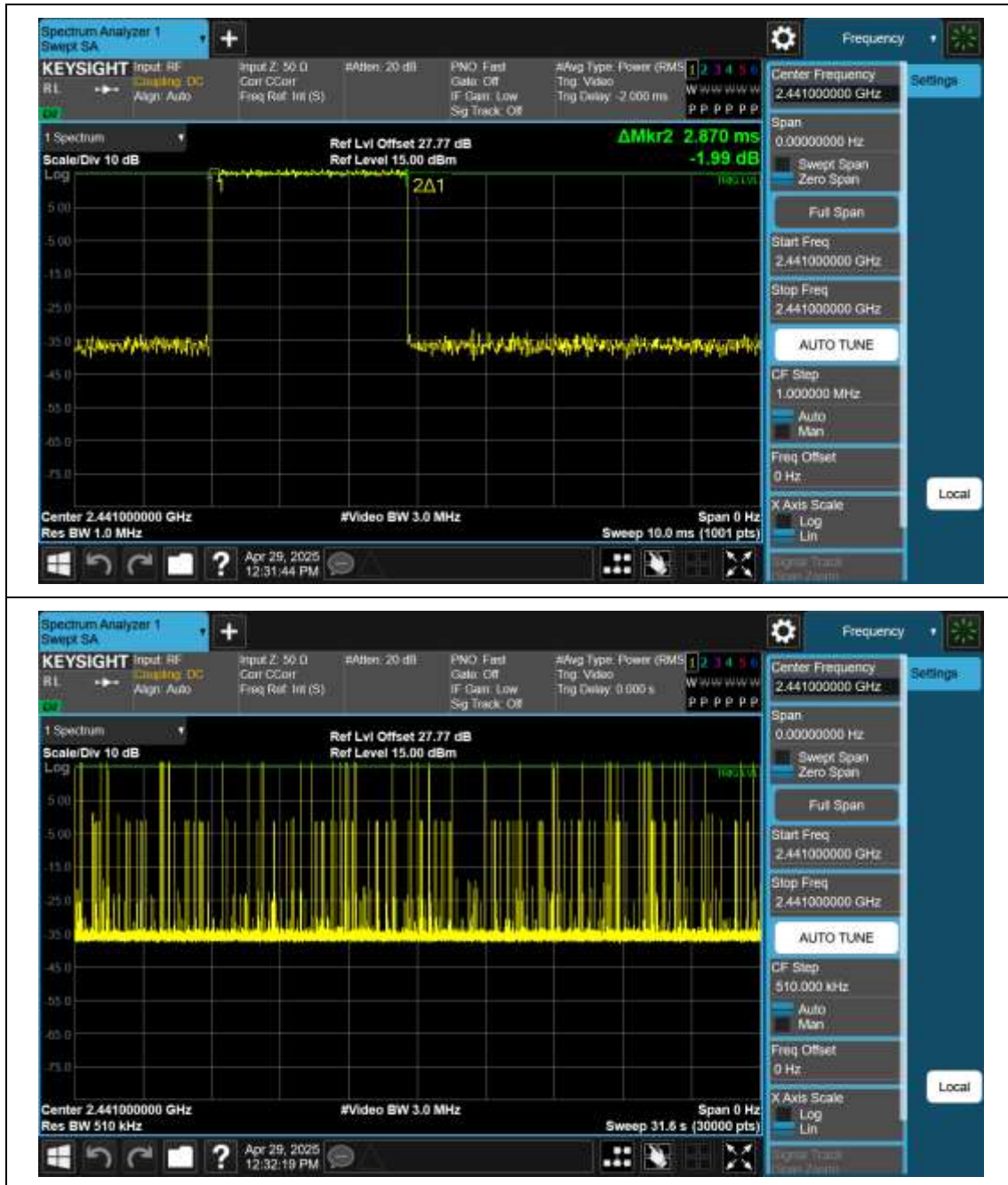
3DH1-Ant1-Hop-PASS



3DH3-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS





Appendix E: Number of hopping channels

Test Result

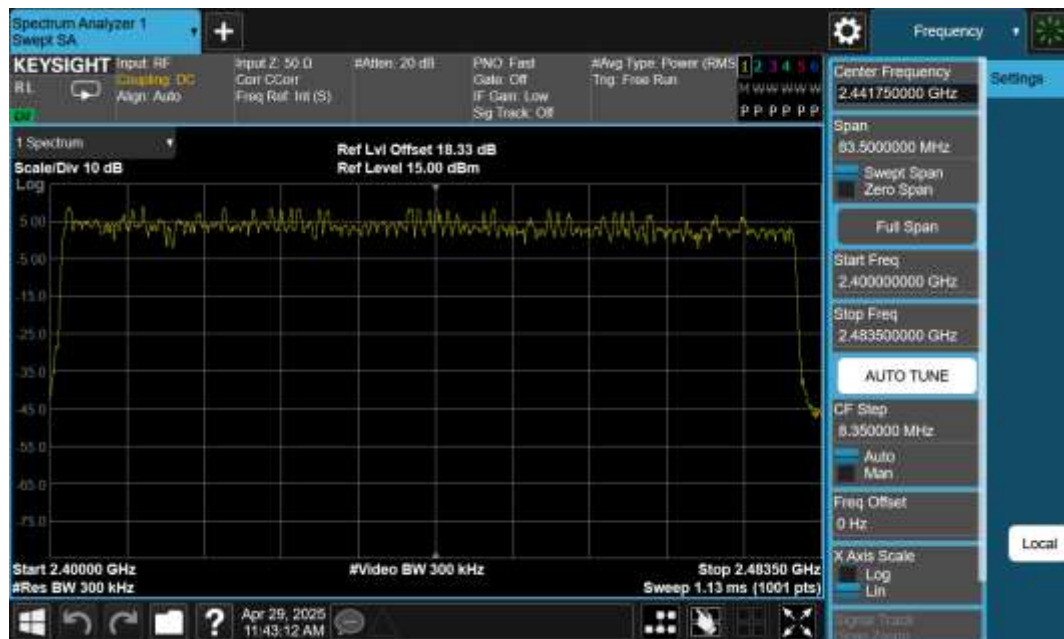
TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

Test Graphs

DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS



Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	8.26	-44.91	≤ -11.74	PASS
DH5	Ant1	High	2480	6.48	-47.99	≤ -13.52	PASS
DH5	Ant1	Low	Hop_2402	8.42	-41.62	≤ -11.58	PASS
DH5	Ant1	High	Hop_2480	7.16	-42.35	≤ -12.85	PASS
2DH5	Ant1	Low	2402	8.19	-40.12	≤ -11.81	PASS
2DH5	Ant1	High	2480	6.27	-49.11	≤ -13.73	PASS
2DH5	Ant1	Low	Hop_2402	7.73	-42.21	≤ -12.27	PASS
2DH5	Ant1	High	Hop_2480	1.61	-43.84	≤ -18.39	PASS
3DH5	Ant1	Low	2402	7.89	-40.14	≤ -12.11	PASS
3DH5	Ant1	High	2480	6.00	-48.81	≤ -14	PASS
3DH5	Ant1	Low	Hop_2402	13.13	-31.9	≤ -6.87	PASS
3DH5	Ant1	High	Hop_2480	15.28	-35.07	≤ -4.72	PASS

Test Graphs

DH5-Ant1-2402-PASS



DH5-Ant1-2480-PASS



DH5-Ant1-Hop_2402-PASS



DH5-Ant1-Hop_2480-PASS



2DH5-Ant1-2402-PASS



2DH5-Ant1-2480-PASS



2DH5-Ant1-Hop_2402-PASS



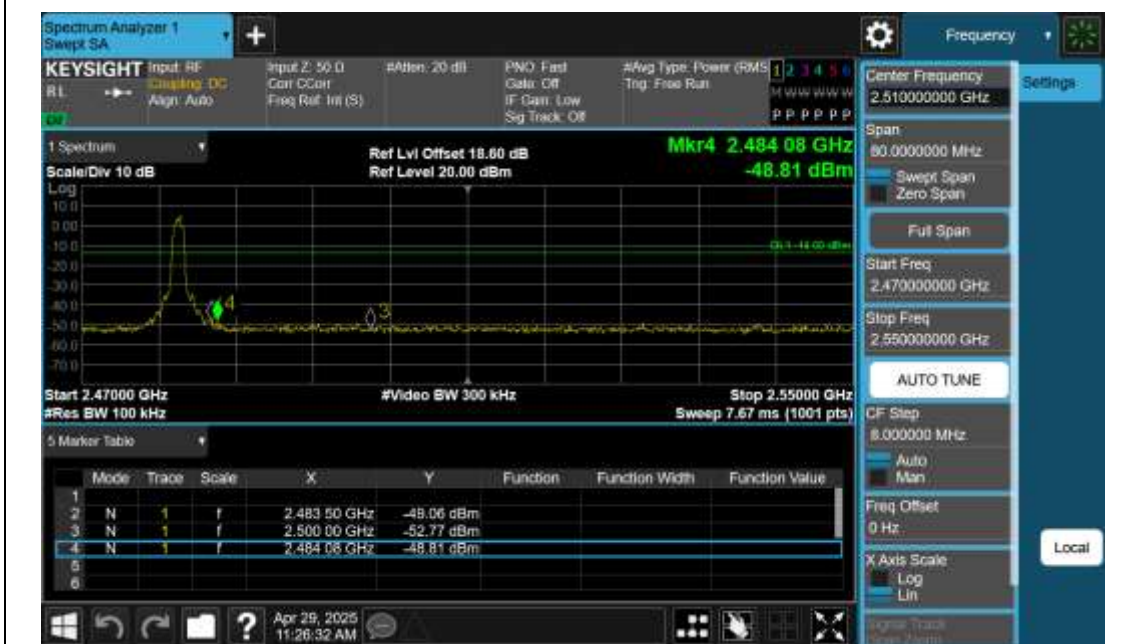
2DH5-Ant1-Hop_2480-PASS



3DH5-Ant1-2402-PASS



3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS



3DH5-Ant1-Hop_2480-PASS



Appendix G: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	30~26500	8.26	-34.61	≤ -11.74	PASS
DH5	Ant1	2441	30~26500	7.60	-34.33	≤ -12.4	PASS
DH5	Ant1	2480	30~26500	6.48	-34.47	≤ -13.52	PASS
2DH5	Ant1	2402	30~26500	8.19	-37.87	≤ -11.81	PASS
2DH5	Ant1	2441	30~26500	7.79	-33.24	≤ -12.21	PASS
2DH5	Ant1	2480	30~26500	6.27	-41.26	≤ -13.73	PASS
3DH5	Ant1	2402	30~26500	7.89	-38.62	≤ -12.11	PASS
3DH5	Ant1	2441	30~26500	7.71	-38.45	≤ -12.29	PASS
3DH5	Ant1	2480	30~26500	6.00	-36.73	≤ -14	PASS

Test Graphs

DH5-Ant1-2402-30~26500-PASS



DH5-Ant1-2441-30~26500-PASS



DH5-Ant1-2480-30~26500-PASS



2DH5-Ant1-2402-30~26500-PASS



2DH5-Ant1-2441-30~26500-PASS



2DH5-Ant1-2480-30~26500-PASS



3DH5-Ant1-2402-30~26500-PASS



3DH5-Ant1-2441-30~26500-PASS



3DH5-Ant1-2480-30~26500-PASS



Appendix H: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
DH5	Ant1	2402	2402.16	8.26
DH5	Ant1	2441	2441.00	7.60
DH5	Ant1	2480	2479.85	6.48
2DH5	Ant1	2402	2401.85	8.19
2DH5	Ant1	2441	2440.85	7.79
2DH5	Ant1	2480	2480.00	6.27
3DH5	Ant1	2402	2401.96	7.89
3DH5	Ant1	2441	2441.16	7.71
3DH5	Ant1	2480	2479.84	6.00

Test Graphs

DH5-Ant1-2402-PASS



DH5-Ant1-2441-PASS



DH5-Ant1-2480-PASS



2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS



2DH5-Ant1-2480-PASS



3DH5-Ant1-2402-PASS



3DH5-Ant1-2441-PASS



3DH5-Ant1-2480-PASS

