



Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.939	2401.451	2402.390	---	---
DH5	Ant1	2441	0.942	2440.448	2441.390	---	---
DH5	Ant1	2480	0.921	2479.445	2480.366	---	---
2DH5	Ant1	2402	1.251	2401.283	2402.534	---	---
2DH5	Ant1	2441	1.188	2440.301	2441.489	---	---
2DH5	Ant1	2480	1.224	2479.277	2480.501	---	---
3DH5	Ant1	2402	1.254	2401.265	2402.519	---	---
3DH5	Ant1	2441	1.275	2440.265	2441.540	---	---
3DH5	Ant1	2480	1.242	2479.268	2480.510	---	---



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



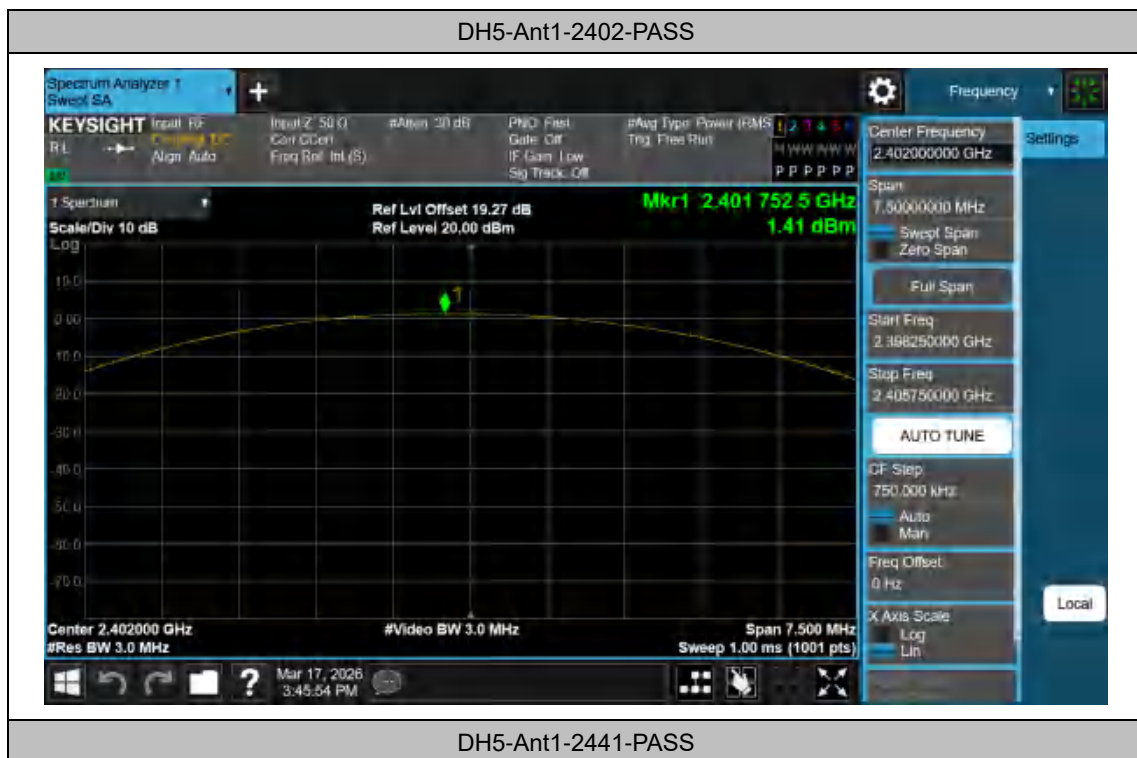


Appendix B: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	1.41	≤20.97	PASS
DH5	Ant1	2441	0.52	≤20.97	PASS
DH5	Ant1	2480	-0.35	≤20.97	PASS
2DH5	Ant1	2402	1.18	≤20.97	PASS
2DH5	Ant1	2441	0.39	≤20.97	PASS
2DH5	Ant1	2480	-0.50	≤20.97	PASS
3DH5	Ant1	2402	1.17	≤20.97	PASS
3DH5	Ant1	2441	0.34	≤20.97	PASS
3DH5	Ant1	2480	-0.53	≤20.97	PASS

Test Graphs





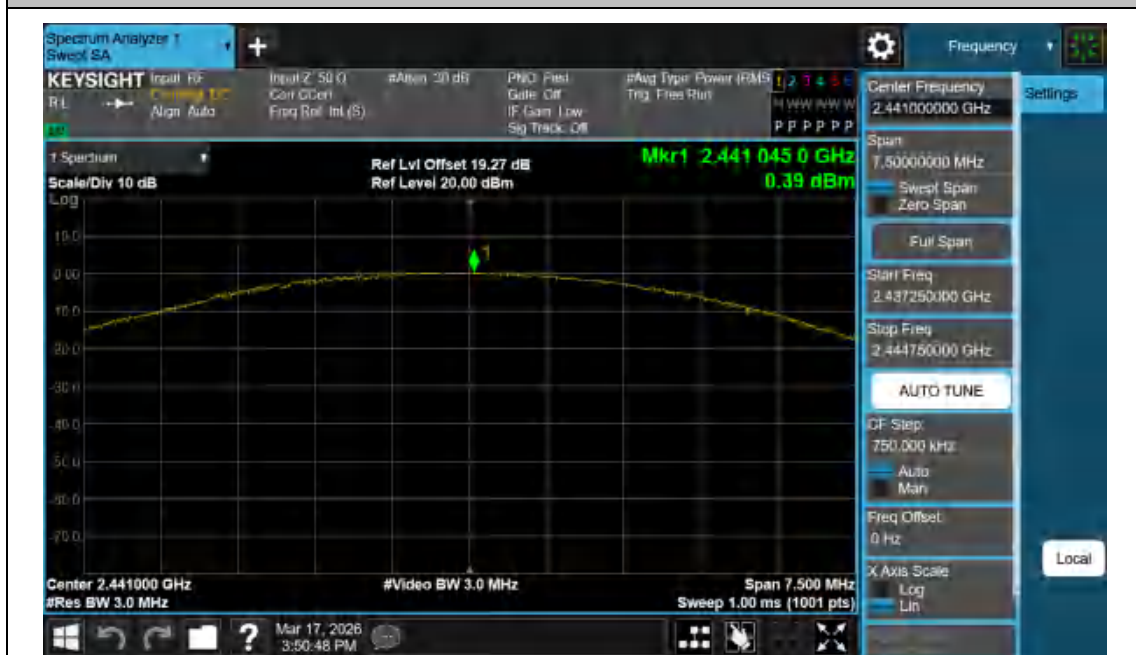
DH5-Ant1-2480-PASS



2DH5-Ant1-2402-PASS



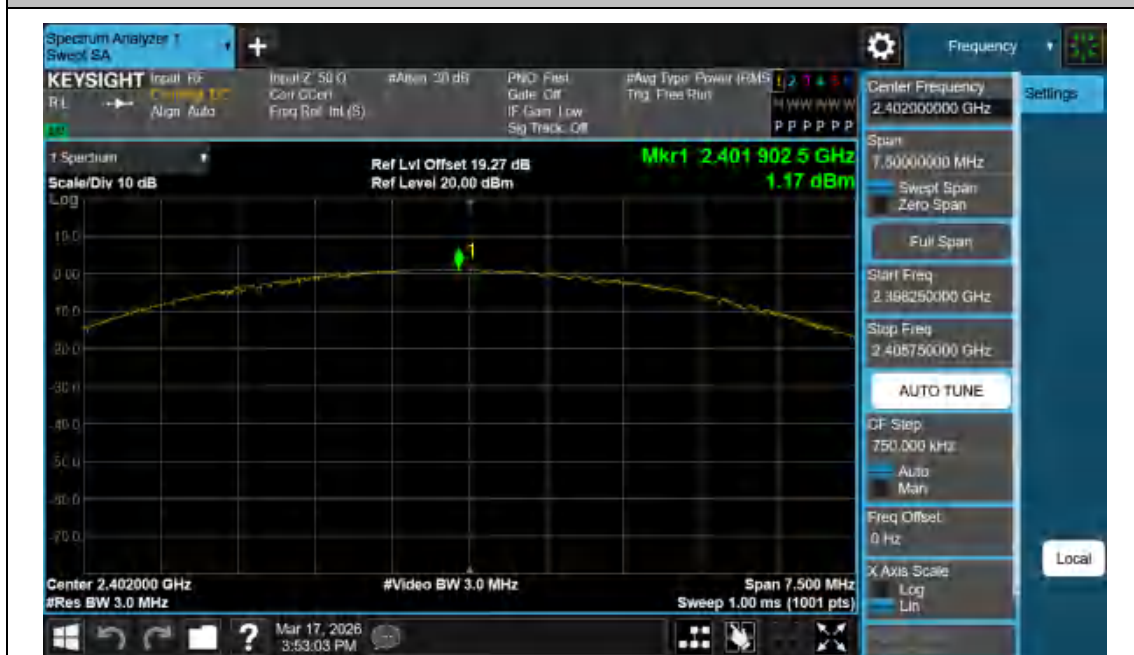
2DH5-Ant1-2441-PASS



2DH5-Ant1-2480-PASS



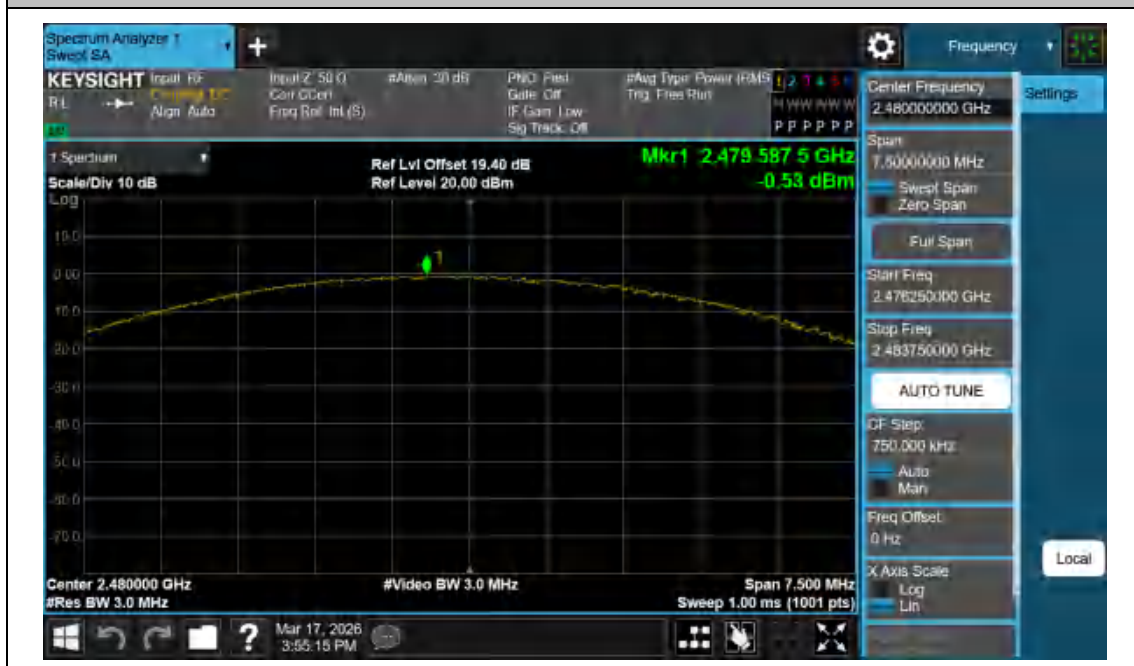
3DH5-Ant1-2402-PASS



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	0.963	≥ 0.942	PASS
DH5	Ant1	2441	1.008	≥ 0.942	PASS
DH5	Ant1	2480	0.84	≥ 0.628	PASS
2DH5	Ant1	2402	1.08	≥ 0.834	PASS
2DH5	Ant1	2441	0.909	≥ 0.834	PASS
2DH5	Ant1	2480	1.275	≥ 1.251	PASS
3DH5	Ant1	2402	1.068	≥ 0.850	PASS
3DH5	Ant1	2441	1.092	≥ 0.850	PASS
3DH5	Ant1	2480	0.945	≥ 0.850	PASS



Test Graphs

DH5-Ant1-2402-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	21	0.008	≤0.4	PASS
DH3	Ant1	Hop	1.620	17	0.028	≤0.4	PASS
DH5	Ant1	Hop	2.860	15	0.043	≤0.4	PASS
2DH1	Ant1	Hop	0.383	20	0.008	≤0.4	PASS
2DH3	Ant1	Hop	1.620	18	0.029	≤0.4	PASS
2DH5	Ant1	Hop	2.870	15	0.043	≤0.4	PASS
3DH1	Ant1	Hop	0.385	20	0.008	≤0.4	PASS
3DH3	Ant1	Hop	1.610	16	0.026	≤0.4	PASS
3DH5	Ant1	Hop	2.870	14	0.04	≤0.4	PASS

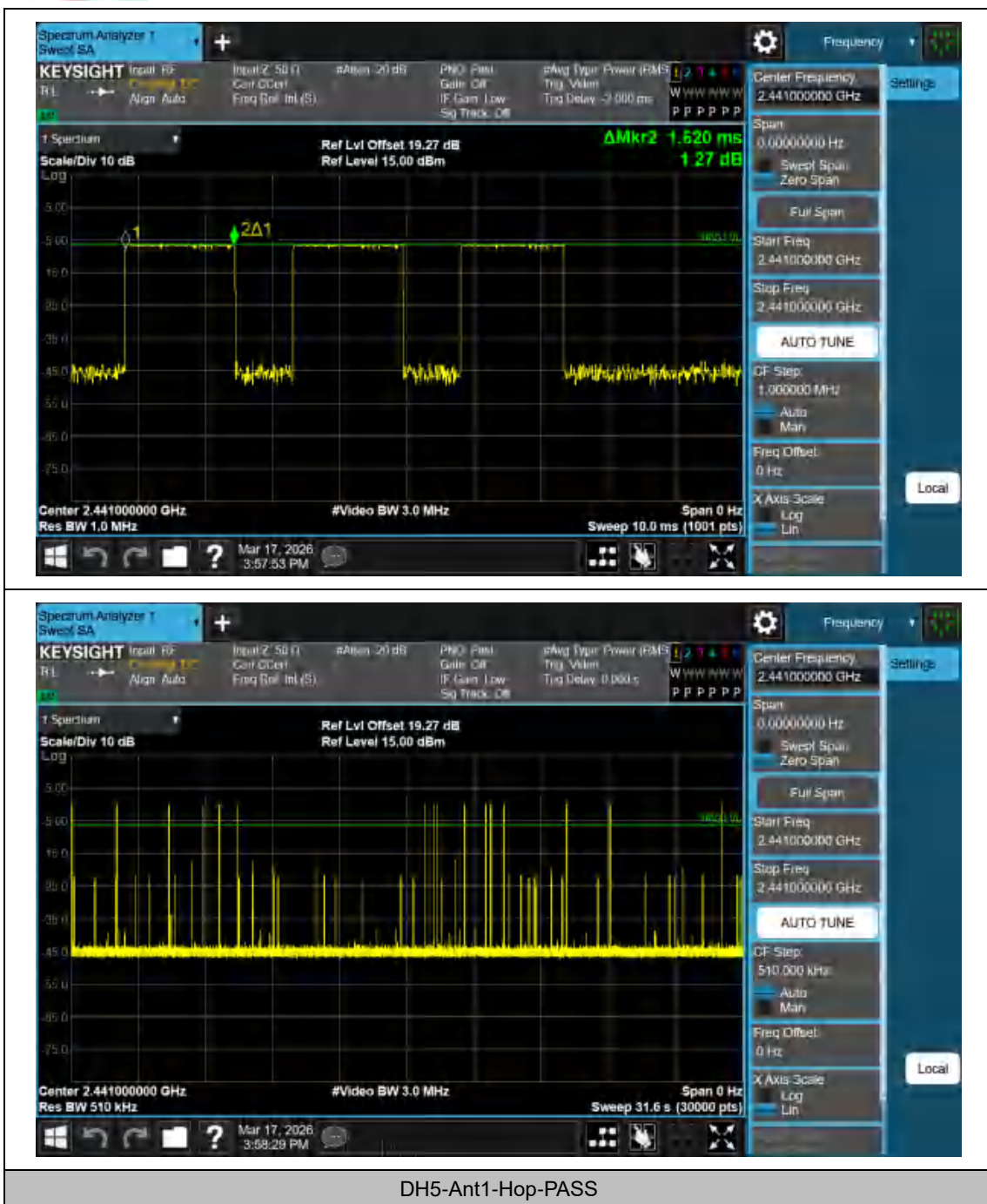


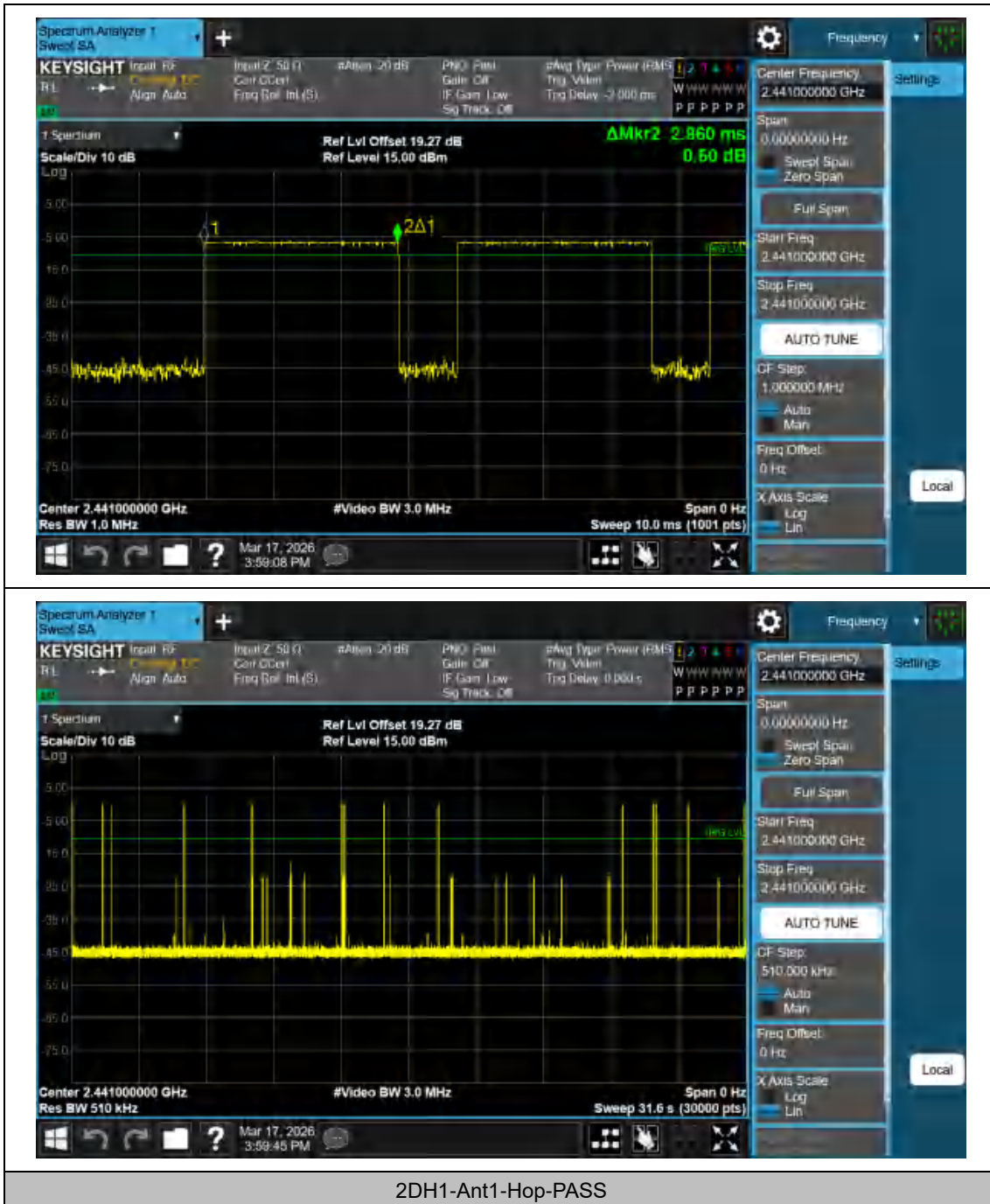
Test Graphs

DH1-Ant1-Hop-PASS

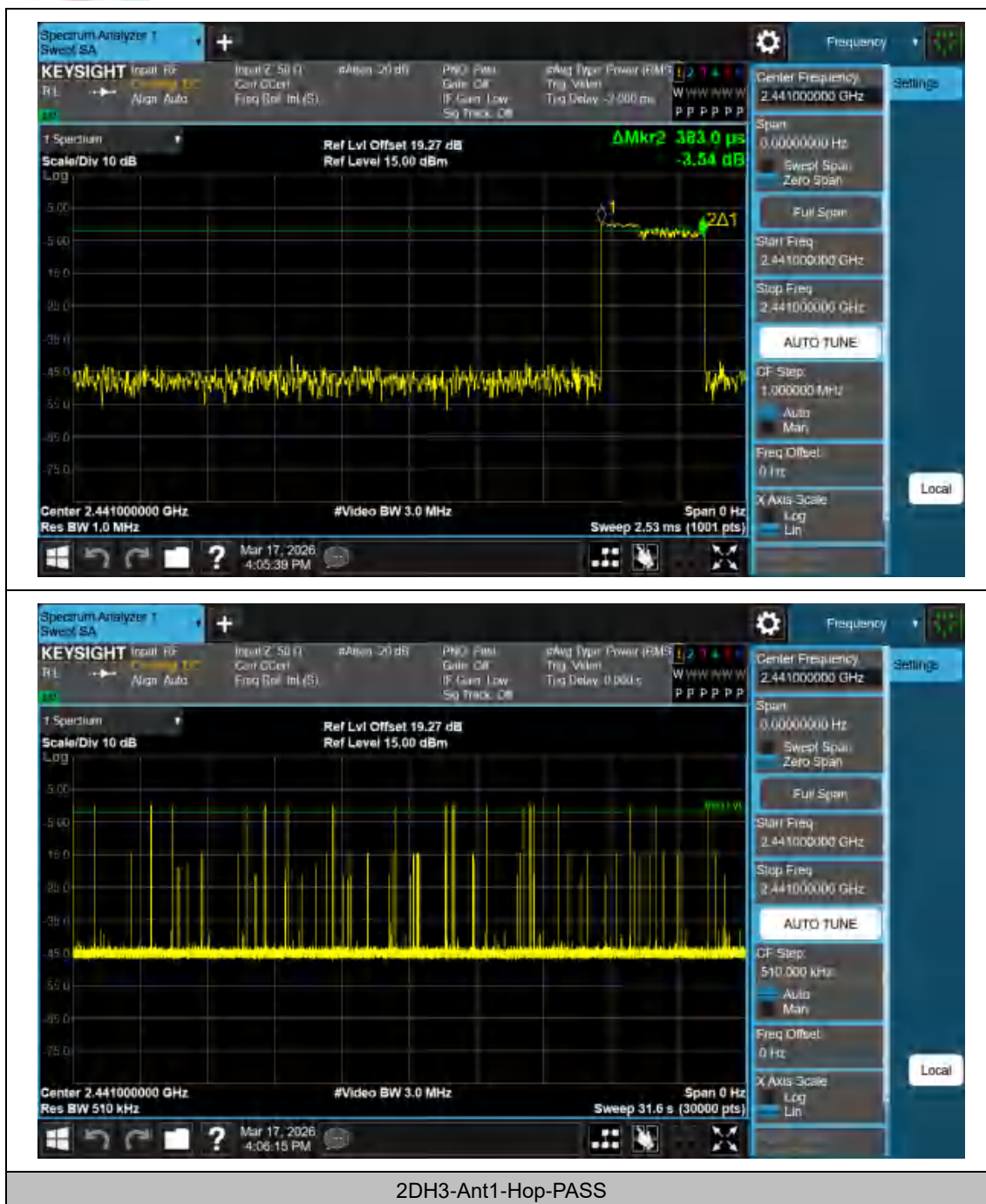


DH3-Ant1-Hop-PASS





2DH1-Ant1-Hop-PASS



2DH3-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



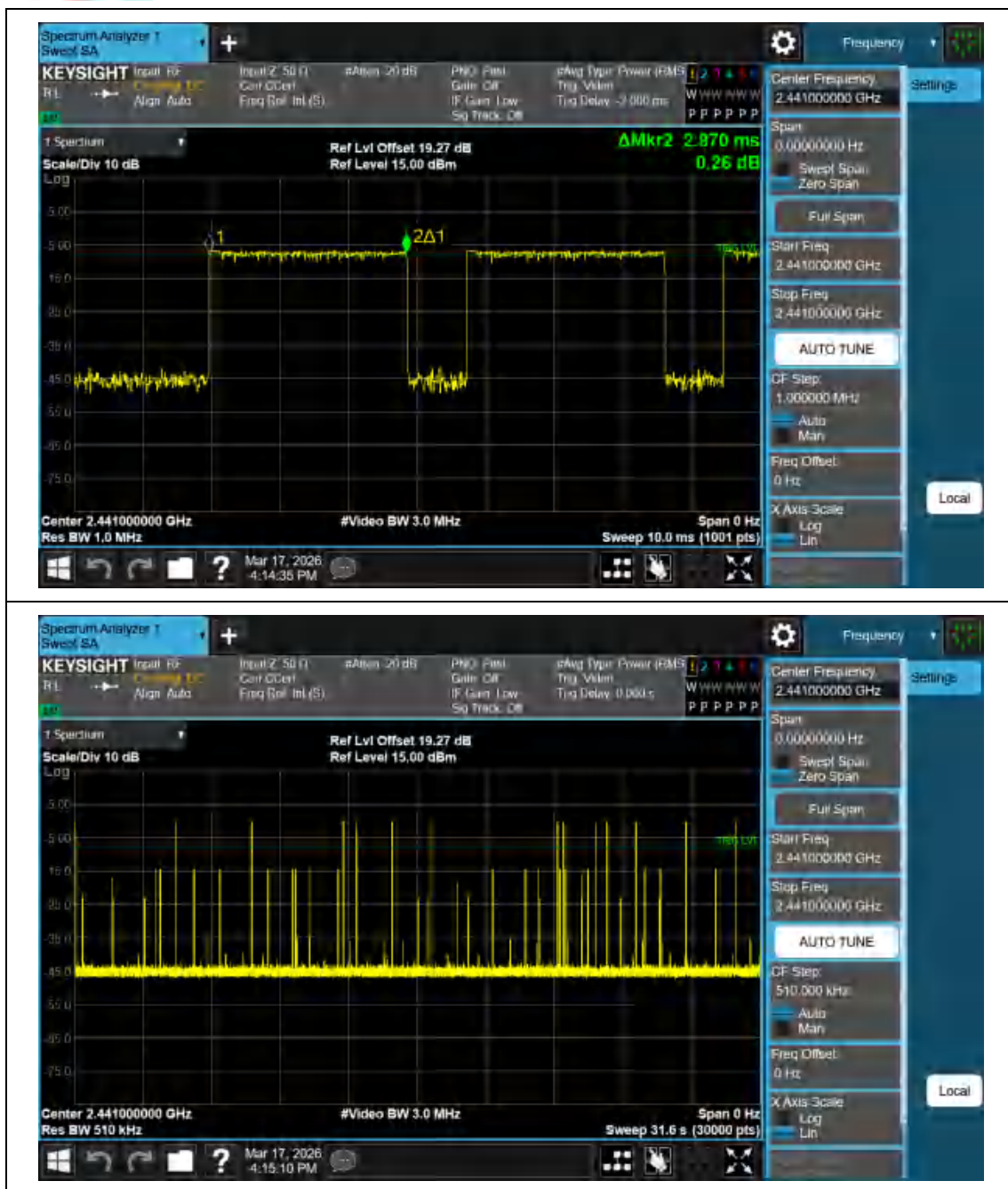
3DH1-Ant1-Hop-PASS



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	0.52	-49.48	≤ -19.48	PASS
DH5	Ant1	High	2480	-1.37	-49.87	≤ -21.37	PASS
DH5	Ant1	Low	Hop_2402	0.83	-48.93	≤ -19.17	PASS
DH5	Ant1	High	Hop_2480	-1.09	-48.15	≤ -21.09	PASS
2DH5	Ant1	Low	2402	0.33	-48.44	≤ -19.67	PASS
2DH5	Ant1	High	2480	-1.18	-49.53	≤ -21.18	PASS
2DH5	Ant1	Low	Hop_2402	-4.94	-49.09	≤ -24.94	PASS
2DH5	Ant1	High	Hop_2480	-1.92	-48.76	≤ -21.92	PASS
3DH5	Ant1	Low	2402	0.50	-49.26	≤ -19.5	PASS
3DH5	Ant1	High	2480	-1.10	-49.12	≤ -21.1	PASS
3DH5	Ant1	Low	Hop_2402	-0.16	-48.91	≤ -20.16	PASS
3DH5	Ant1	High	Hop_2480	-2.93	-48.27	≤ -22.93	PASS

Test Graphs

DH5-Ant1-2402-PASS



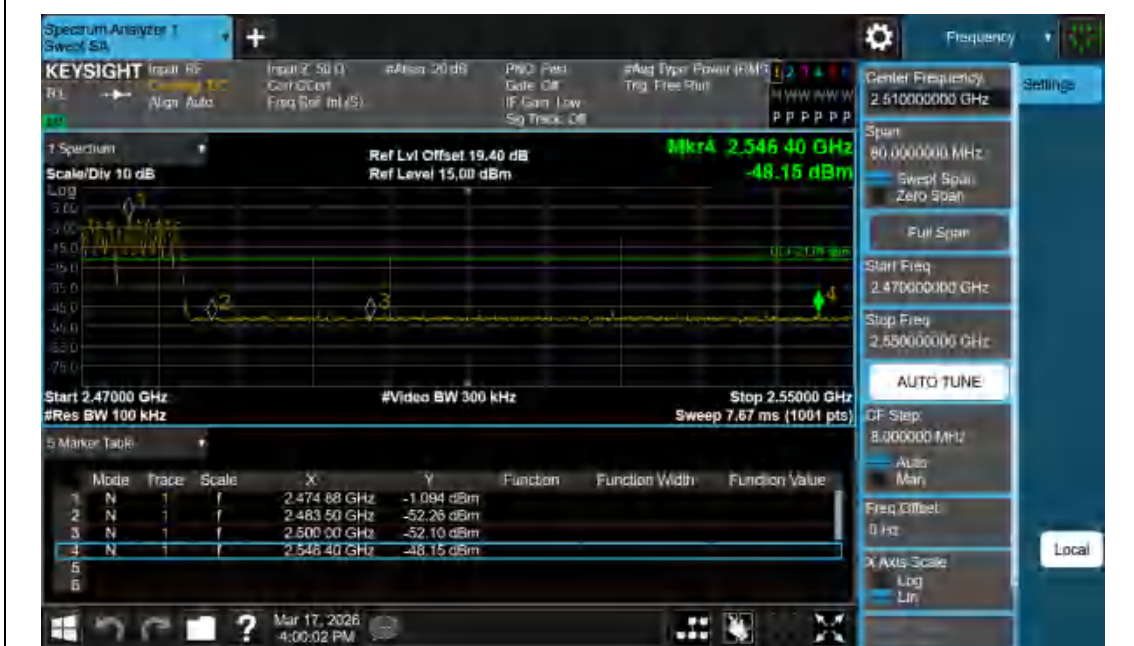
DH5-Ant1-2480-PASS



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	0.52	-42.16	≤-19.48	PASS
DH5	Ant1	2441	30~26500	-0.38	-41.3	≤-20.38	PASS
DH5	Ant1	2480	30~26500	-1.37	-41.87	≤-21.37	PASS
2DH5	Ant1	2402	30~26500	0.33	-41.22	≤-19.67	PASS
2DH5	Ant1	2441	30~26500	-0.23	-41.47	≤-20.23	PASS
2DH5	Ant1	2480	30~26500	-1.18	-41.7	≤-21.18	PASS
3DH5	Ant1	2402	30~26500	0.50	-40.94	≤-19.5	PASS
3DH5	Ant1	2441	30~26500	-0.41	-41.75	≤-20.41	PASS
3DH5	Ant1	2480	30~26500	-1.10	-41.6	≤-21.1	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	2401.86	0.52
DH5	Ant1	2441	2440.91	-0.38
DH5	Ant1	2480	2479.91	-1.37
2DH5	Ant1	2402	2402.05	0.33
2DH5	Ant1	2441	2440.88	-0.23
2DH5	Ant1	2480	2479.88	-1.18
3DH5	Ant1	2402	2401.91	0.50
3DH5	Ant1	2441	2440.86	-0.41
3DH5	Ant1	2480	2479.89	-1.10



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

