

10 APPENDIX

10.1 APPENDIX A: 20DB EMISSION BANDWIDTH

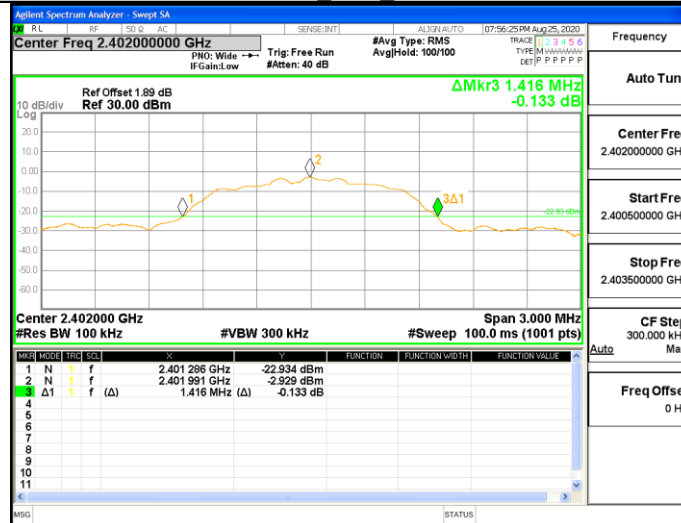
Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	1.104	2401.439	2402.543	---	PASS
		2441	1.110	2440.436	2441.546	---	PASS
		2480	1.101	2479.439	2480.540	---	PASS
2DH1	Ant1	2402	1.416	2401.286	2402.702	---	PASS
		2441	1.416	2440.280	2441.696	---	PASS
		2480	1.425	2479.268	2480.693	---	PASS
3DH1	Ant1	2402	1.407	2401.283	2402.690	---	PASS
		2441	1.404	2440.277	2441.681	---	PASS
		2480	1.413	2479.262	2480.675	---	PASS

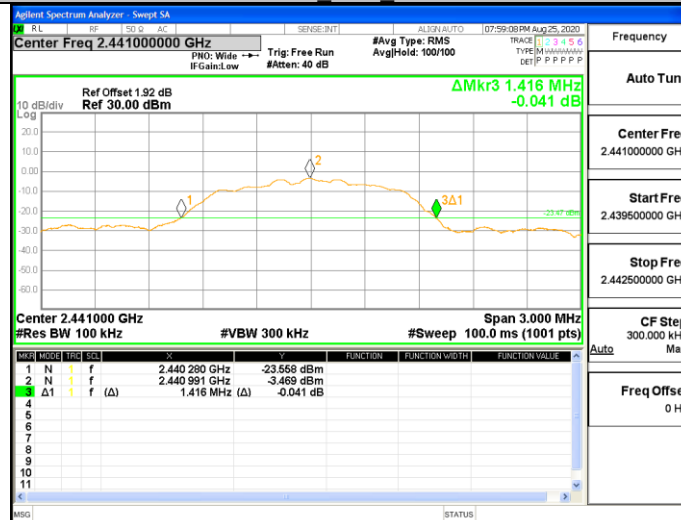
Test Graphs



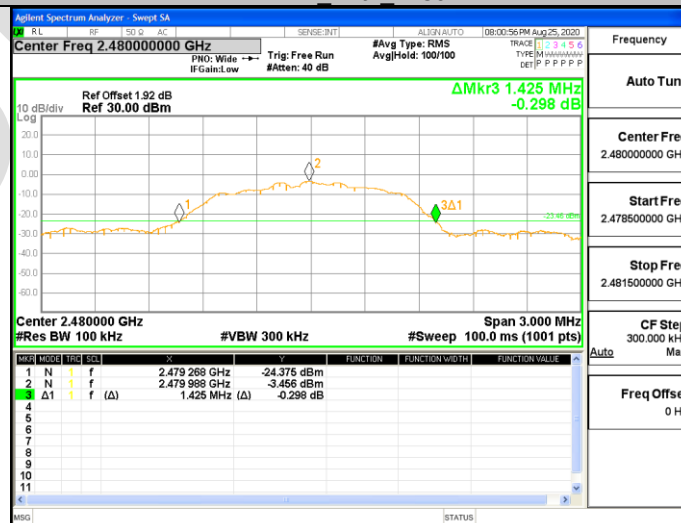
2DH1 Ant1 2402



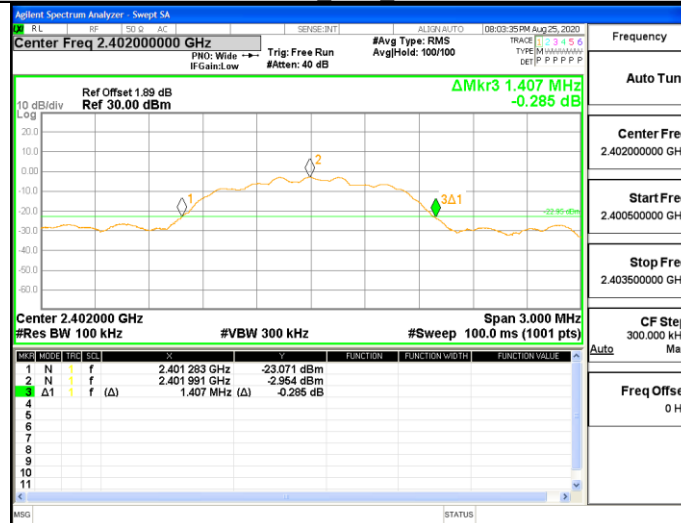
2DH1 Ant1 2441



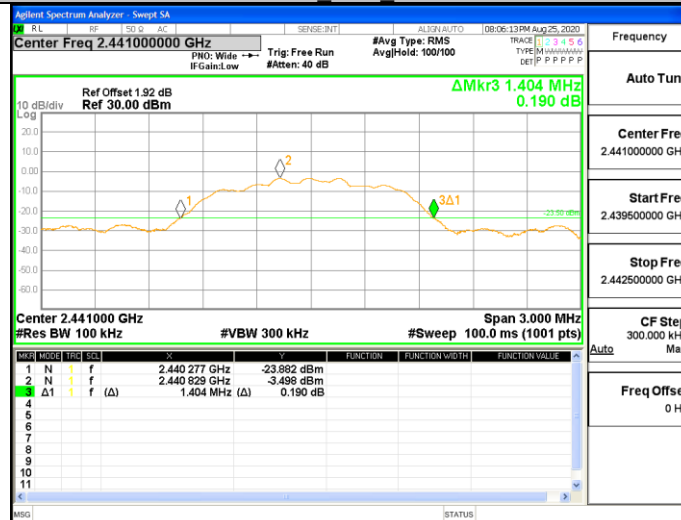
2DH1 Ant1 2480



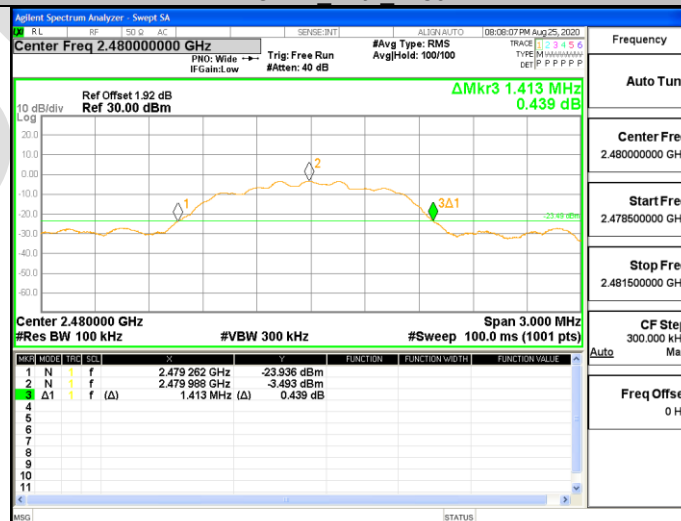
3DH1 Ant1 2402



3DH1 Ant1 2441



3DH1 Ant1 2480

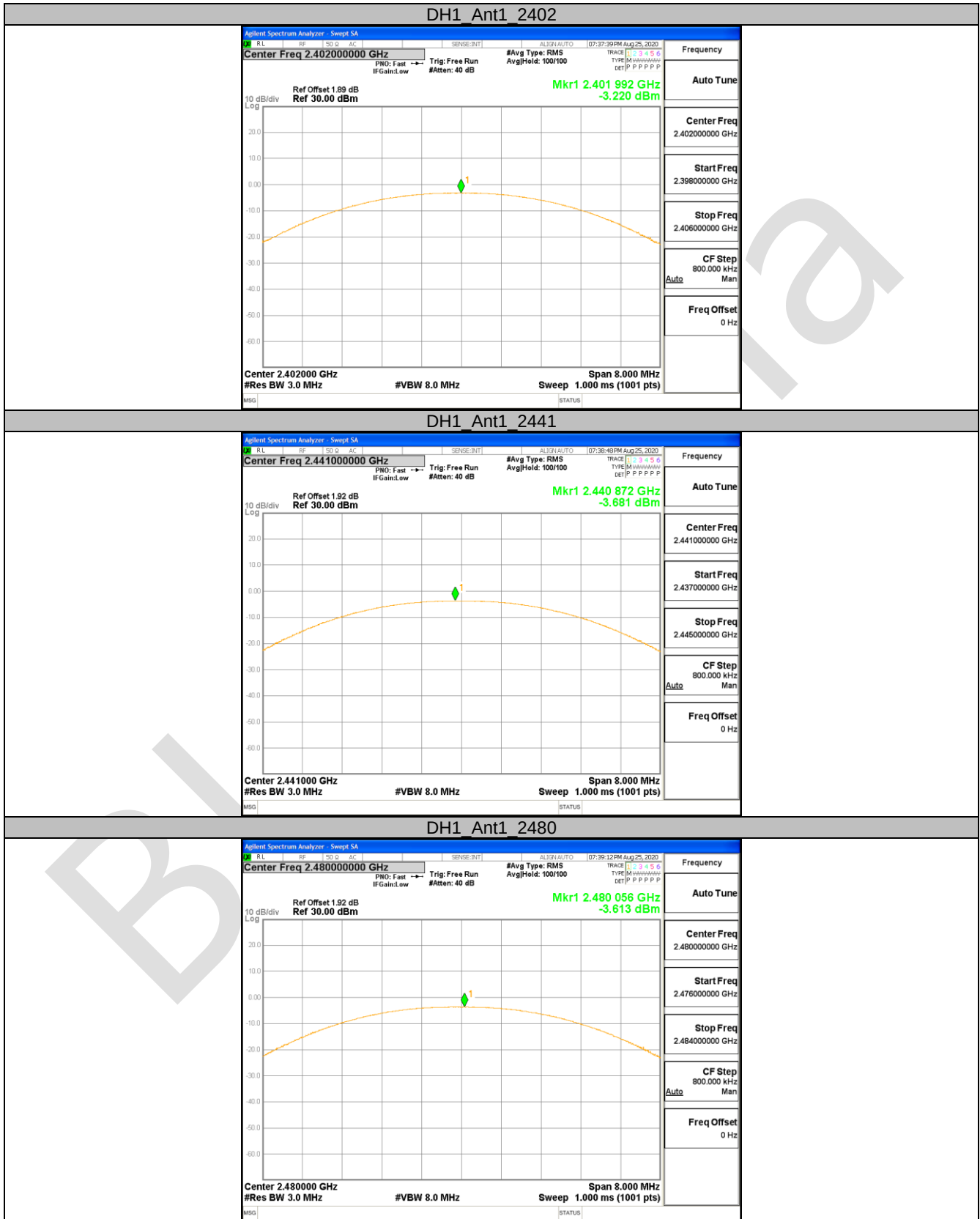


10.2 APPENDIXC: MAXIMUM CONDUCTED OUTPUT POWER

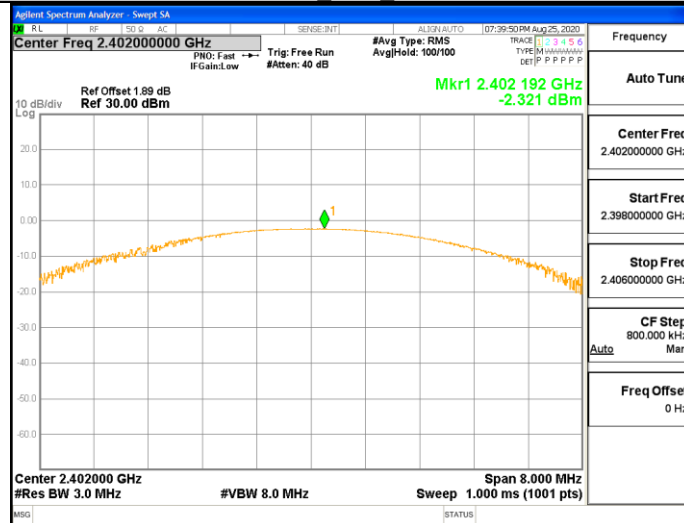
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH1	Ant1	2402	-3.22	<=30	PASS
		2441	-3.68	<=30	PASS
		2480	-3.61	<=30	PASS
2DH1	Ant1	2402	-2.32	<=30	PASS
		2441	-2.84	<=30	PASS
		2480	-2.78	<=30	PASS
3DH1	Ant1	2402	-1.88	<=30	PASS
		2441	-2.33	<=30	PASS
		2480	-2.3	<=30	PASS

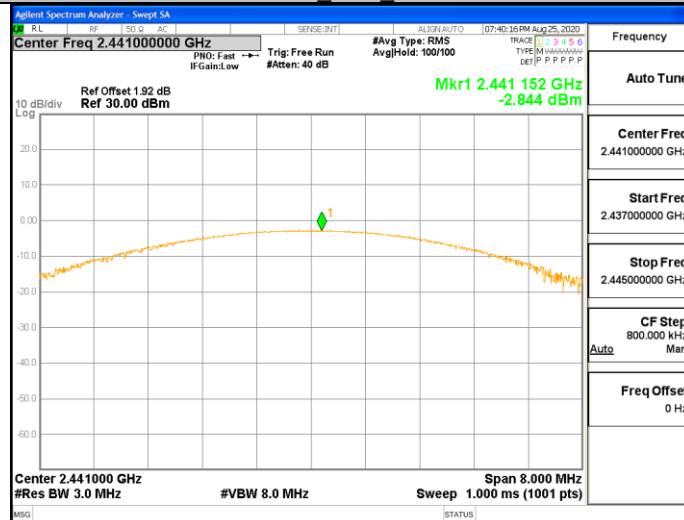
Test Graphs



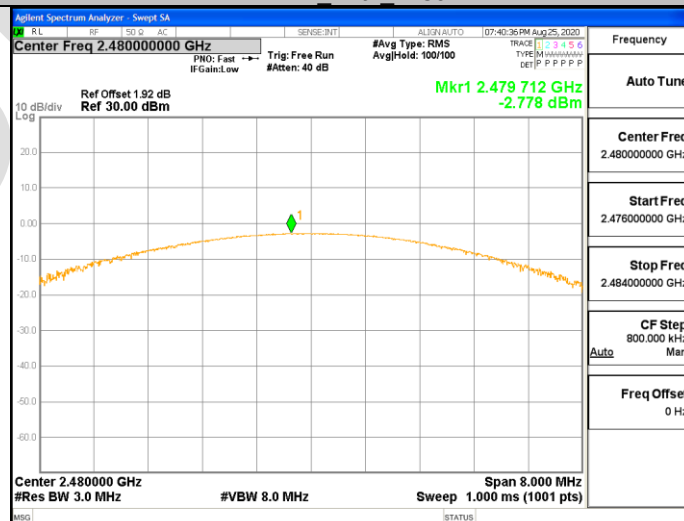
2DH1 Ant1 2402



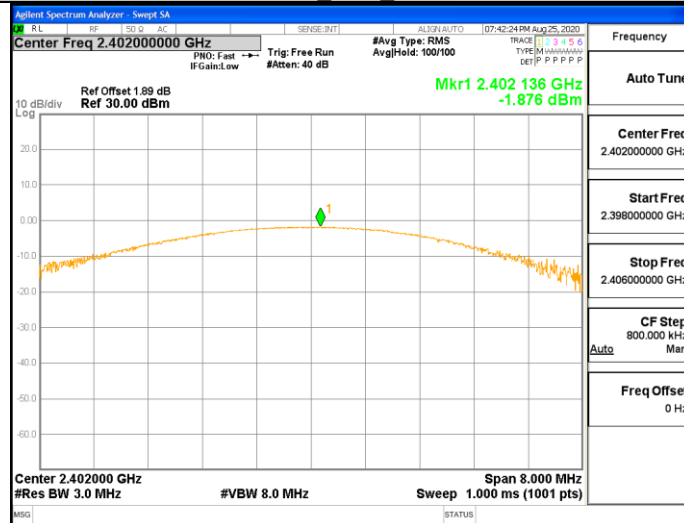
2DH1 Ant1 2441



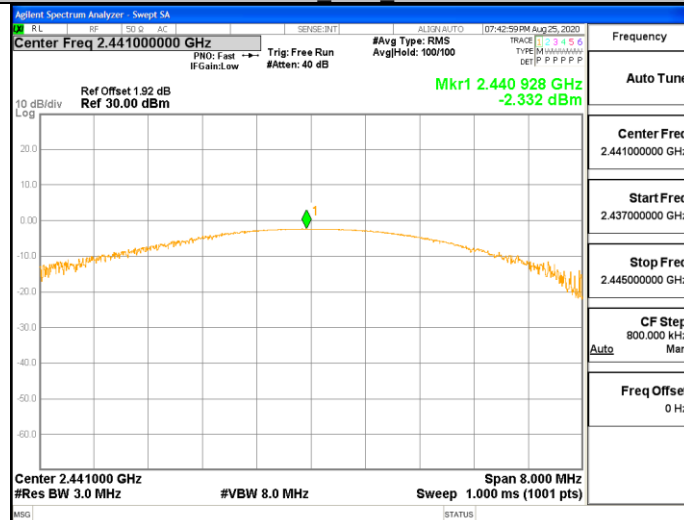
2DH1 Ant1 2480



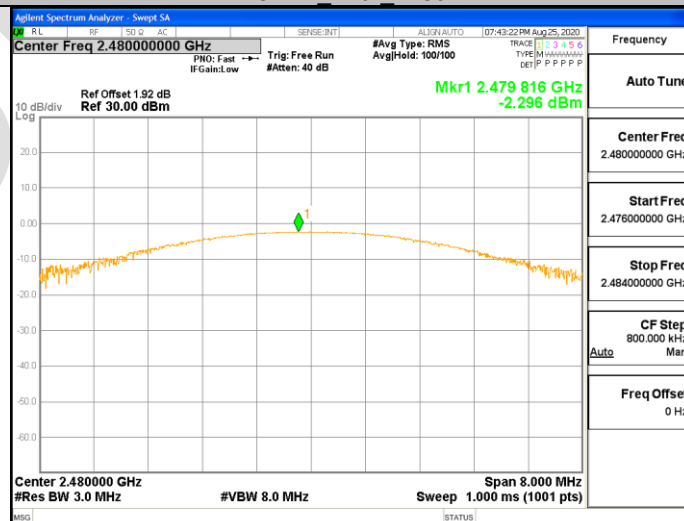
3DH1 Ant1 2402



3DH1 Ant1 2441



3DH1 Ant1 2480



10.3 APPENDIXD: CARRIER FREQUENCY SEPARATION

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop	1.164	≥ 1.110	PASS
2DH1	Ant1	Hop	1.160	≥ 0.950	PASS
3DH1	Ant1	Hop	1.006	≥ 0.942	PASS

Test Graphs



10.4 APPENDIXE: TIME OF OCCUPANCY

Test Result

Frequency	Packet	Dwell time(ms)	Limit(ms)	Result
2441MHz	DH1/2-DH1/3-DH1	121.600	400	Pass
2441MHz	DH3/2-DH3/3-DH3	262.400	400	Pass
2441MHz	DH5/2-DH5/3-DH5	308.267	400	Pass

The test period: $T = 0.4 \text{ Second/Channel} \times 79 \text{ Channel} = 31.6 \text{ s}$

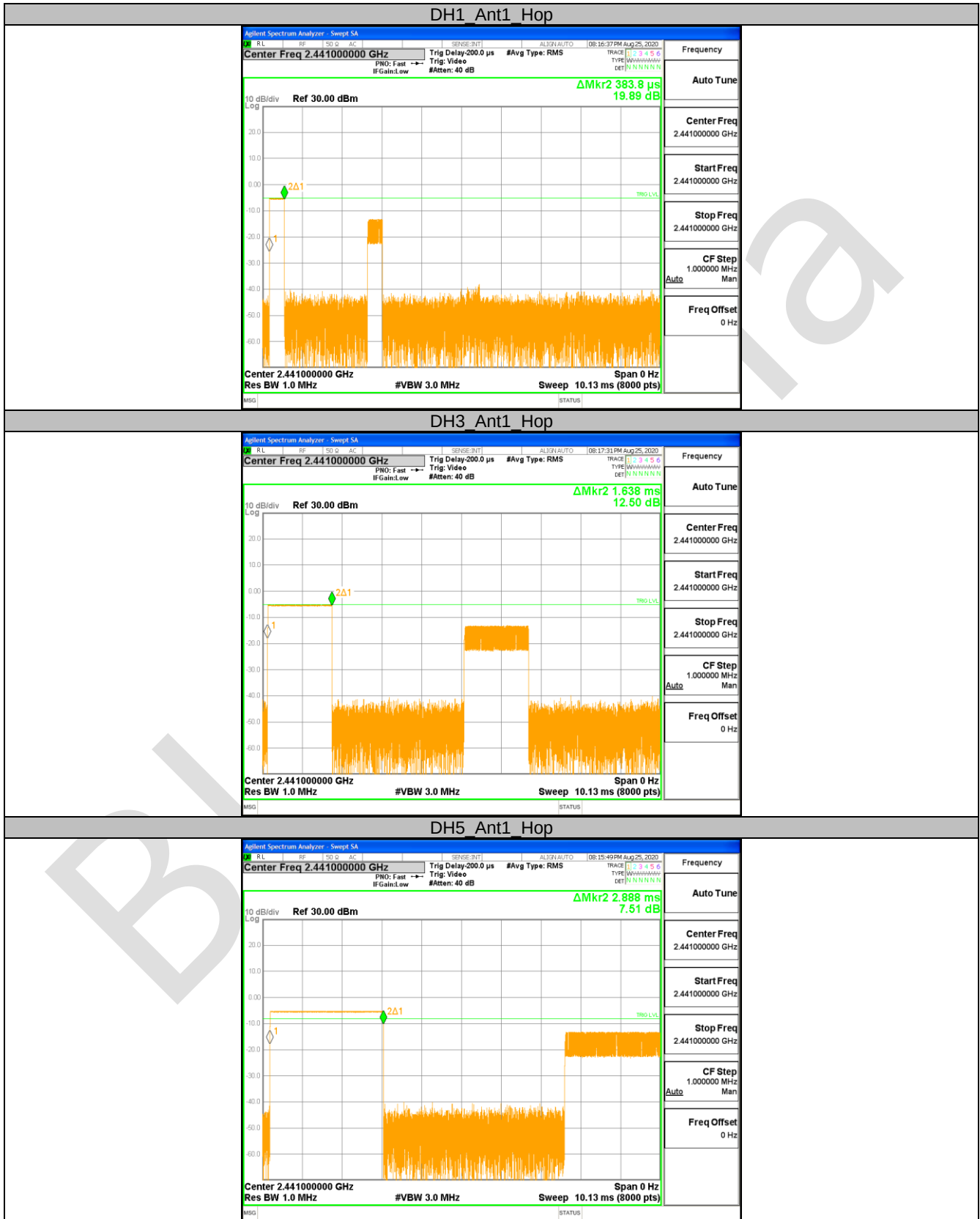
Test channel: 2441MHz as blow

DH1/2-DH1/3-DH1 time slot $= 0.38(\text{ms}) \times (1600 / (2 \times 79)) \times 31.6 = 121.600 \text{ ms}$

DH3/2-DH3/3-DH3 time slot $= 1.64(\text{ms}) \times (1600 / (4 \times 79)) \times 31.6 = 262.400 \text{ ms}$

DH5/2-DH5/3-DH5 time slot $= 2.89(\text{ms}) \times (1600 / (6 \times 79)) \times 31.6 = 308.267 \text{ ms}$

Test Graphs



10.5 APPENDIX F: NUMBER OF HOPPING CHANNELS**Test Result**

TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH1	Ant1	Hop	79	≥ 15	PASS
2DH1	Ant1	Hop	79	≥ 15	PASS
3DH1	Ant1	Hop	79	≥ 15	PASS

Test Graphs

