

10 APPENDIX

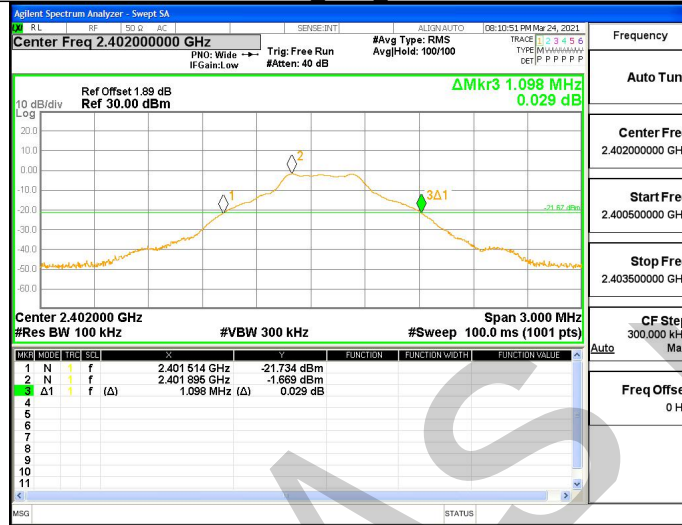
10.1 APPENDIX : 20DB EMISSION BANDWIDTH

Test Result

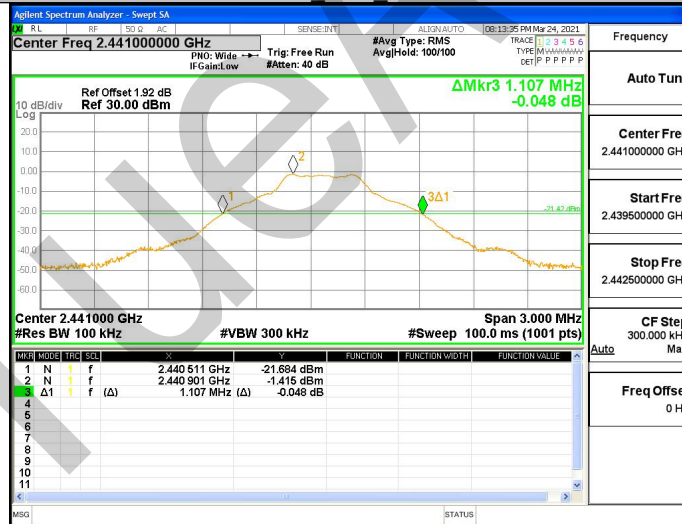
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	1.098	2401.514	2402.612	---	PASS
		2441	1.107	2440.511	2441.618	---	PASS
		2480	1.098	2479.514	2480.612	---	PASS
2DH1	Ant1	2402	1.359	2401.373	2402.732	---	PASS
		2441	1.365	2440.373	2441.738	---	PASS
		2480	1.359	2479.376	2480.735	---	PASS
3DH1	Ant1	2402	1.332	2401.400	2402.732	---	PASS
		2441	1.332	2440.403	2441.735	---	PASS
		2480	1.332	2479.403	2480.735	---	PASS

Test Graphs

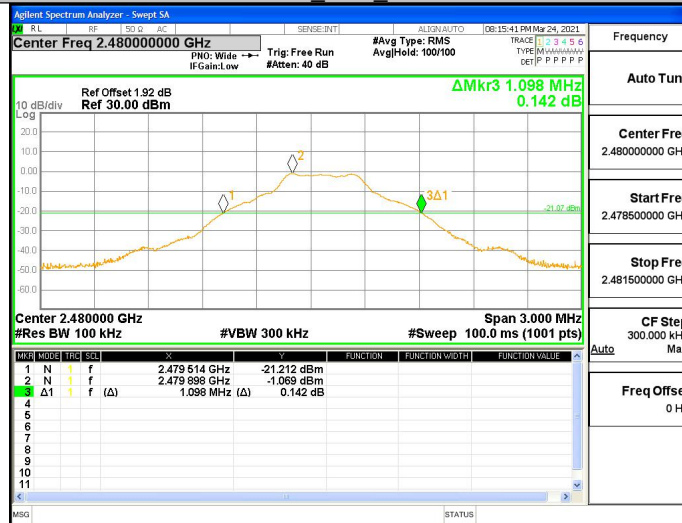
DH1 Ant1 2402



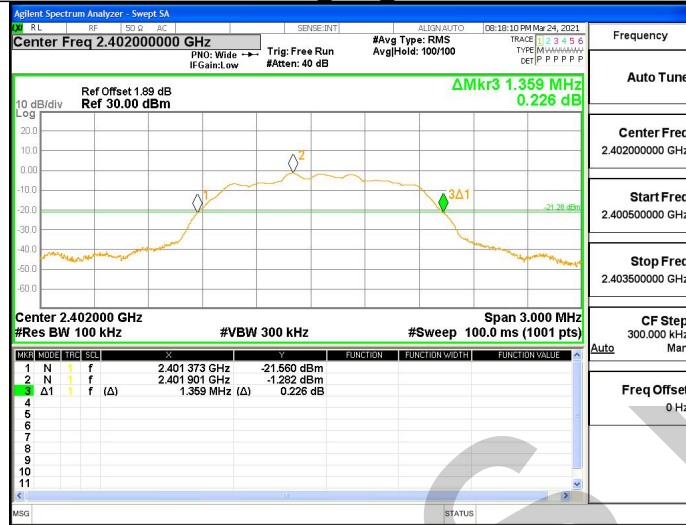
DH1 Ant1 2441



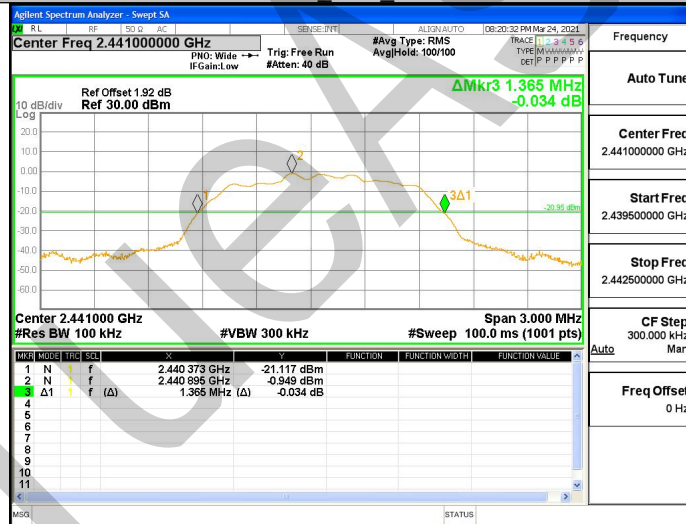
DH1 Ant1 2480



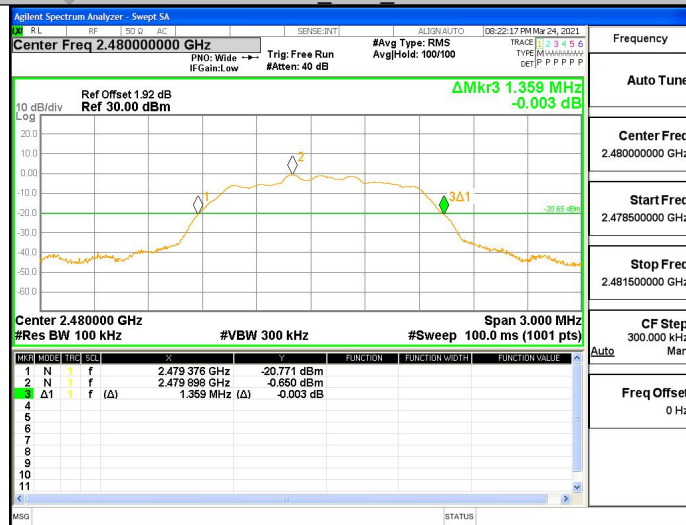
2DH1_Ant1_2402



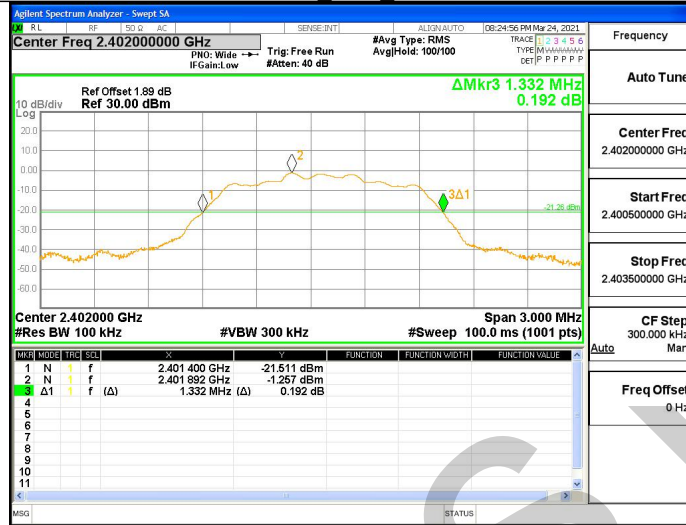
2DH1_Ant1_2441



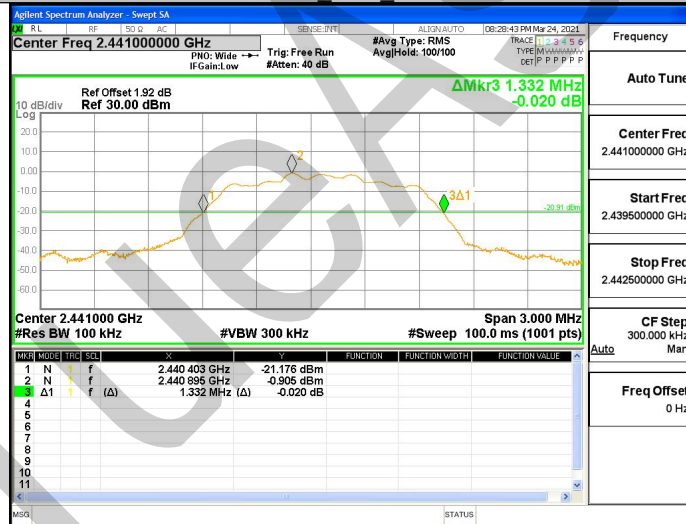
2DH1_Ant1_2480



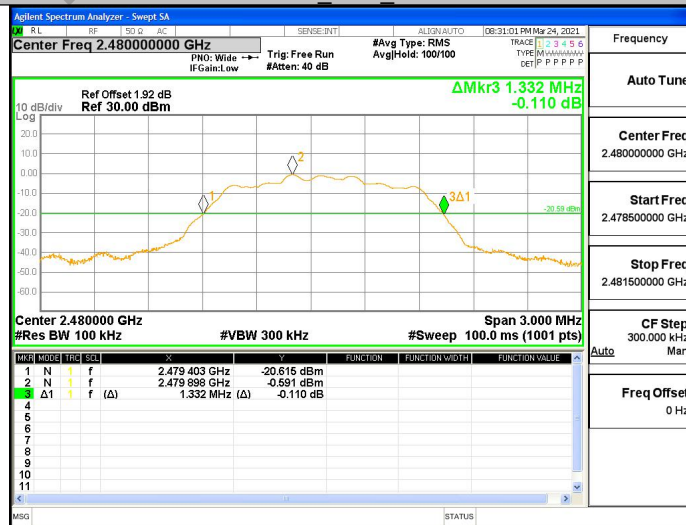
3DH1_Ant1_2402



3DH1_Ant1_2441



3DH1_Ant1_2480



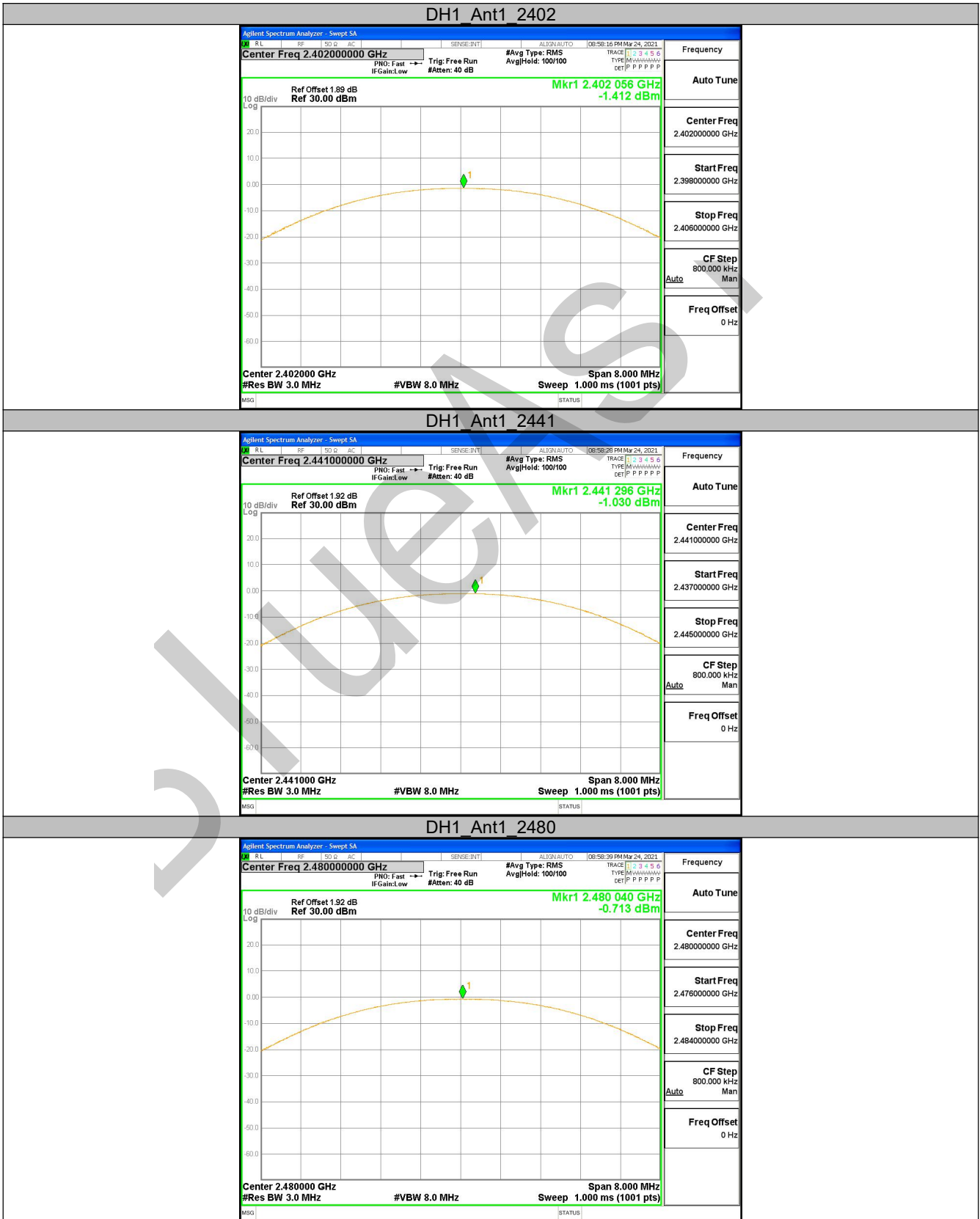
10.2 APPENDIX : MAXIMUM CONDUCTED OUTPUT POWER

Test Result

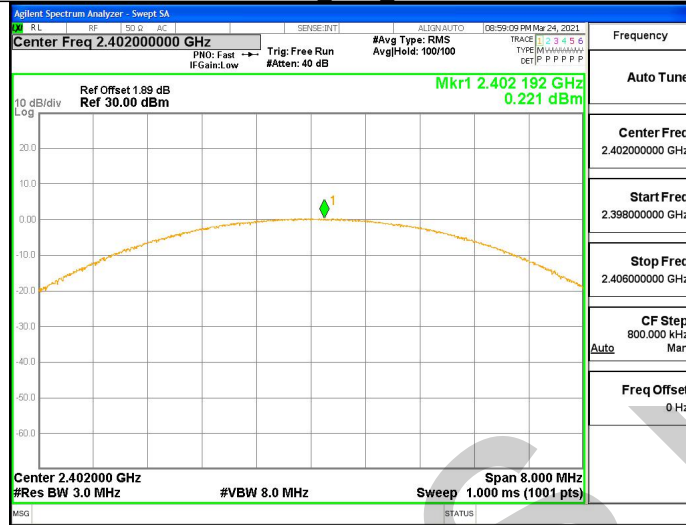
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH1	Ant1	2402	-1.41	<=20.97	PASS
		2441	-1.03	<=20.97	PASS
		2480	-0.71	<=20.97	PASS
2DH1	Ant1	2402	0.22	<=20.97	PASS
		2441	0.69	<=20.97	PASS
		2480	1.01	<=20.97	PASS
3DH1	Ant1	2402	0.82	<=20.97	PASS
		2441	1.21	<=20.97	PASS
		2480	1.55	<=20.97	PASS

BlueASIA

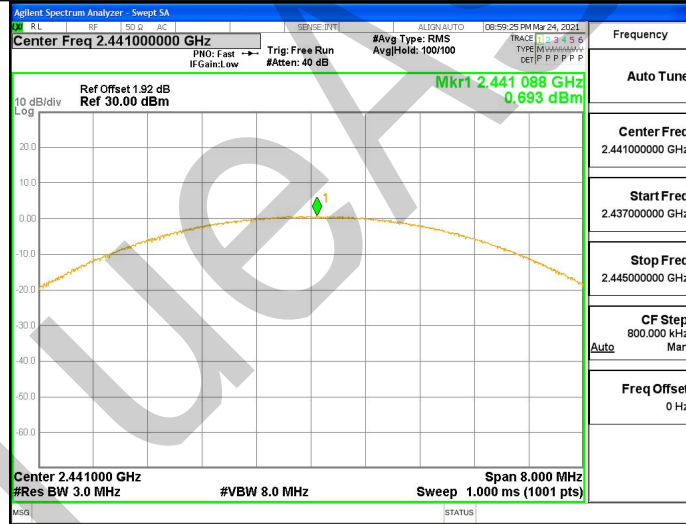
Test Graphs



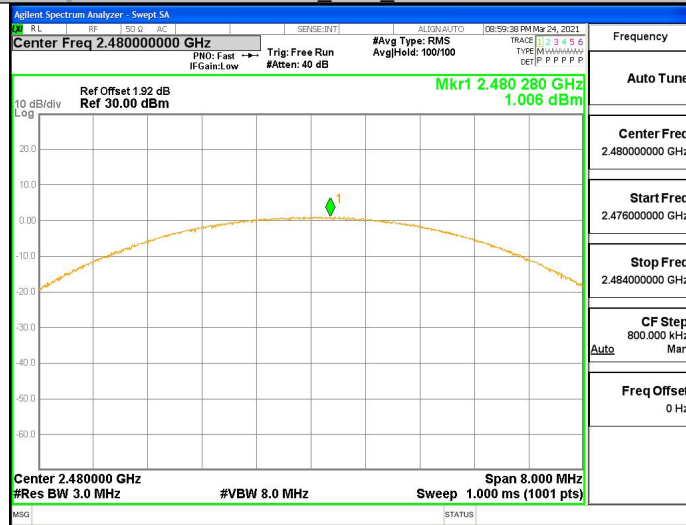
2DH1_Ant1_2402



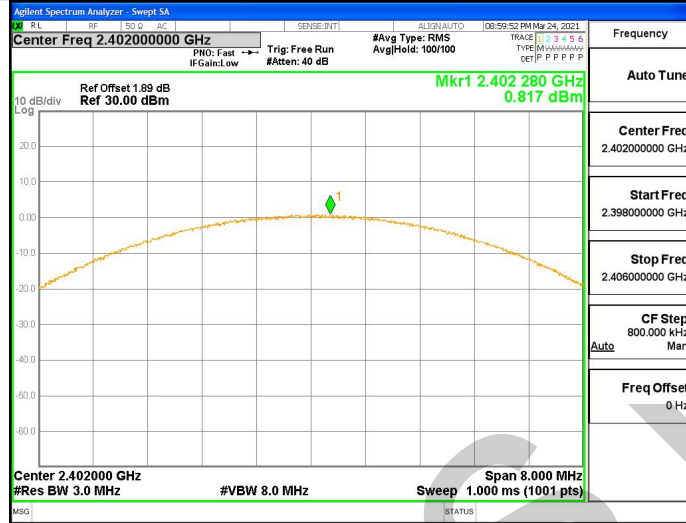
2DH1_Ant1_2441



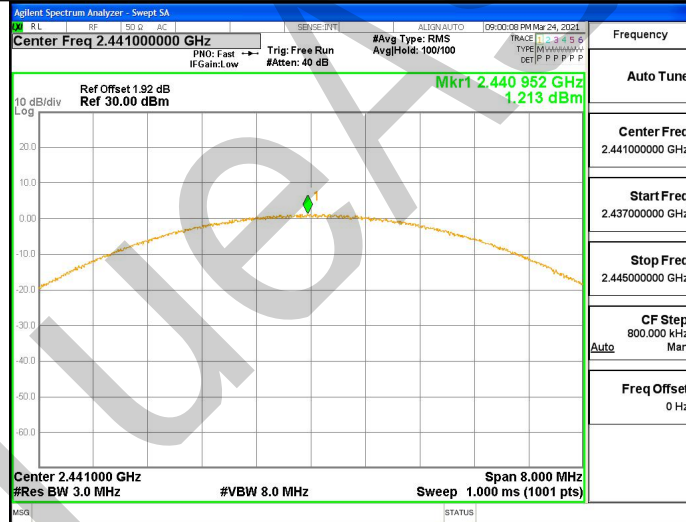
2DH1_Ant1_2480



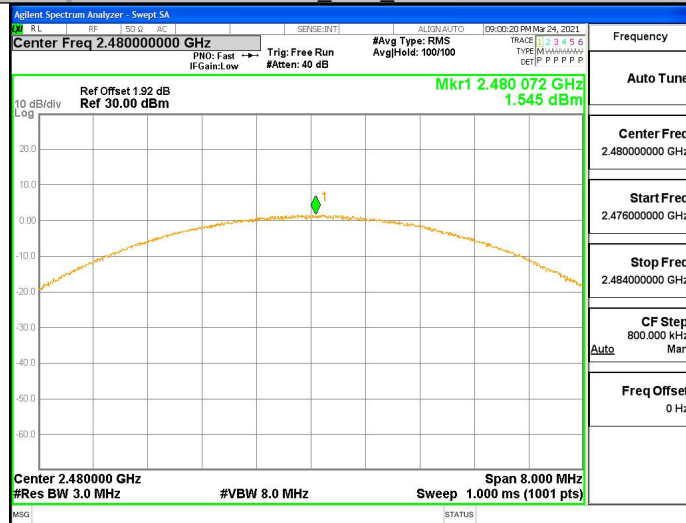
3DH1_Ant1_2402



3DH1_Ant1_2441



3DH1_Ant1_2480



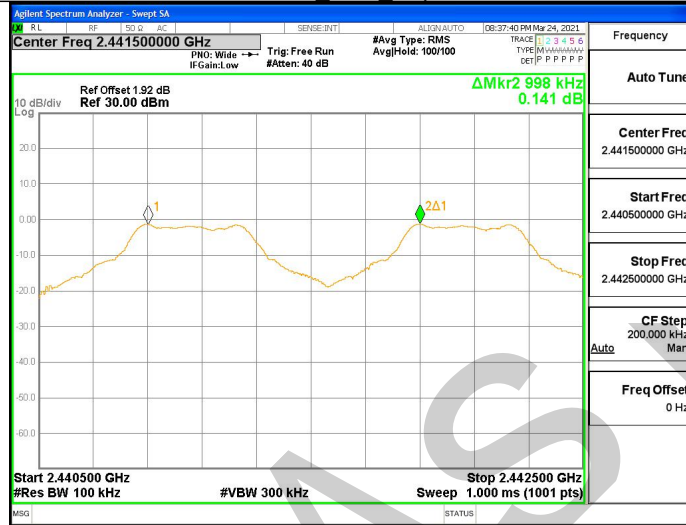
10.3 APPENDIX : CARRIER FREQUENCY SEPARATION**Test Result**

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop	0.998	≥ 0.738	PASS
2DH1	Ant1	Hop	1	≥ 0.910	PASS
3DH1	Ant1	Hop	1.002	≥ 0.888	PASS

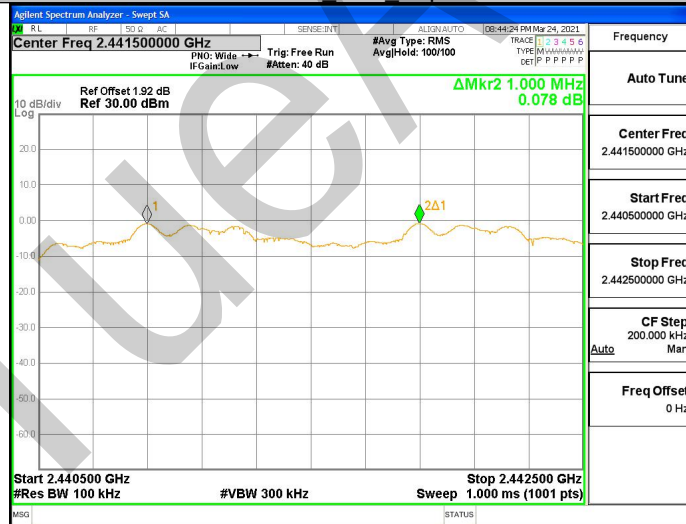
BlueASIA

Test Graphs

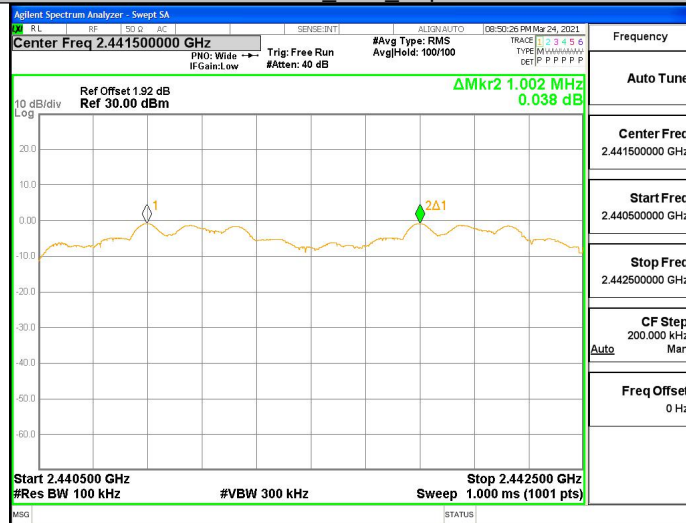
DH1 Ant1 Hop



2DH1 Ant1 Hop



3DH1 Ant1 Hop



10.4 APPENDIX : 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	307.200	400	Pass

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

Test channel: 2441MHz as blow

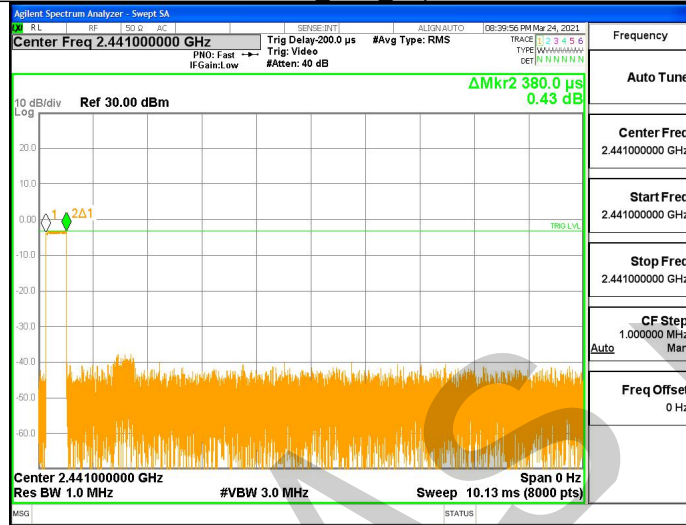
DH1/2-DH1/3-DH1 time slot = $0.38 \text{ (ms)} \times (1600 / (2 \times 79)) \times 31.6 = 121.600 \text{ ms}$

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

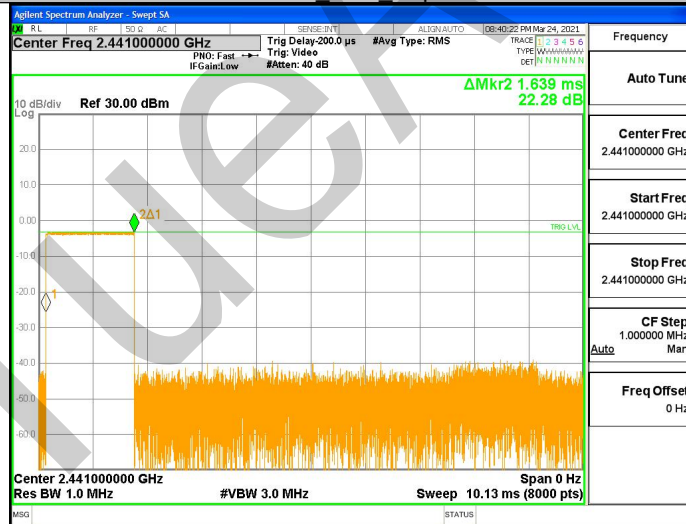
DH5/2-DH5/3-DH5 time slot = $2.88 \text{ (ms)} \times (1600 / (6 \times 79)) \times 31.6 = 307.200 \text{ ms}$

Test Graphs

DH1 Ant1 Hop



DH3 Ant1 Hop



DH5 Ant1 Hop



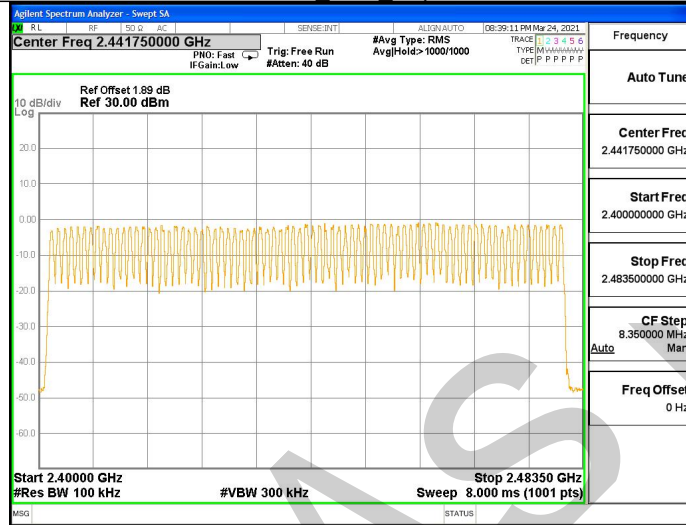
10.5 APPENDIX F: NUMBER OF HOPPING CHANNELS**Test Result**

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

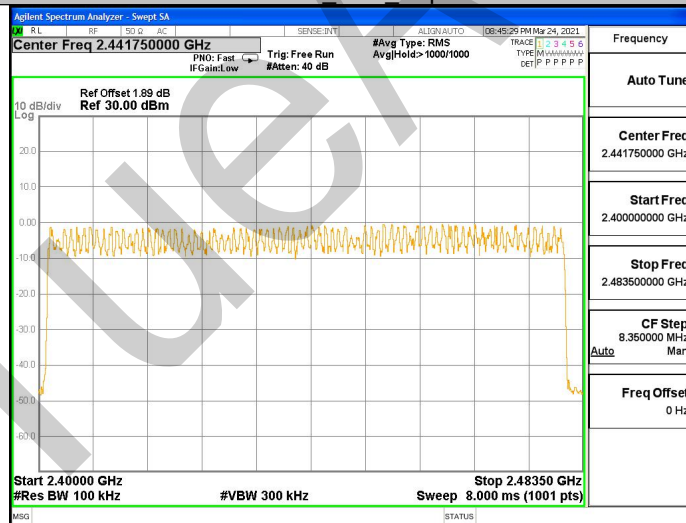
BlueASIA

Test Graphs

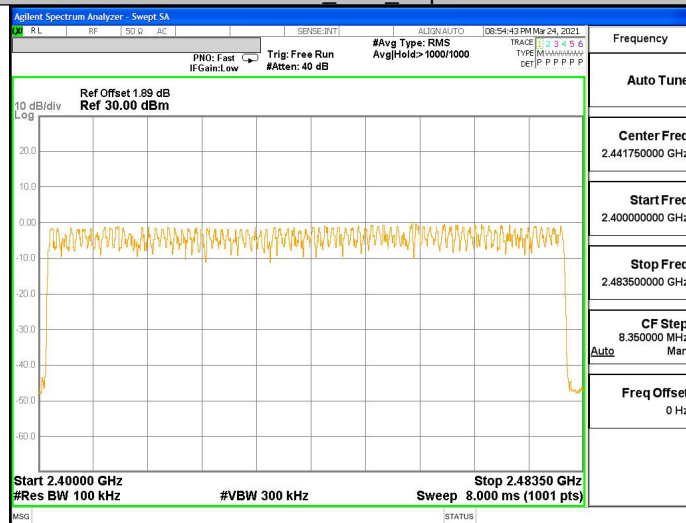
DH1 Ant1 Hop



2DH1 Ant1 Hop



3DH1 Ant1 Hop



10.6 APPENDIX : BAND EDGE MEASUREMENTS
Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	Low	2402	-1.82	-56.31	<=-21.82	PASS
		High	2480	-1.14	-55.05	<=-21.14	PASS
		Low	Hop_2402	-2.39	-55.9	-22.39	PASS
		High	Hop_2480	-1.42	-55.16	-21.42	PASS
2DH1	Ant1	Low	2402	-1.44	-55.86	<=-21.44	PASS
		High	2480	-0.67	-55.3	<=-20.67	PASS
		Low	Hop_2402	-1.51	-56.24	-21.51	PASS
		High	Hop_2480	-0.74	-55.51	-20.74	PASS
3DH1	Ant1	Low	2402	-1.38	-55.15	<=-21.38	PASS
		High	2480	-0.64	-55.04	<=-20.64	PASS
		Low	Hop_2402	-2.18	-55.81	-22.18	PASS
		High	Hop_2480	-0.69	-54.92	-20.69	PASS

Test Graphs

