

10 APPENDIX

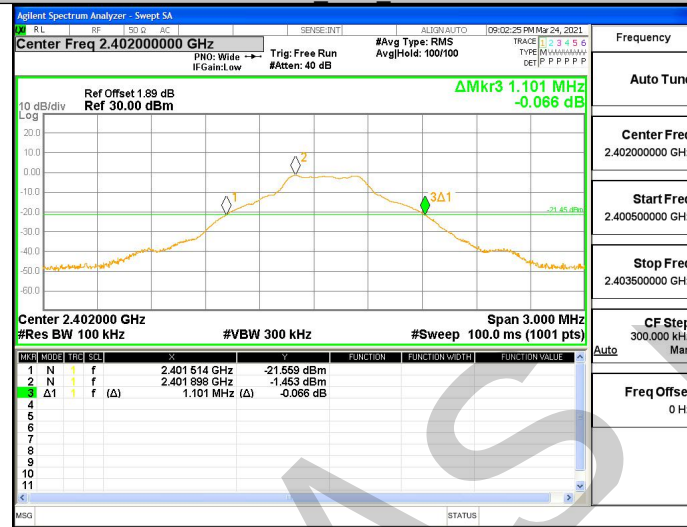
10.1 APPENDIX : 20DB EMISSION BANDWIDTH

Test Result

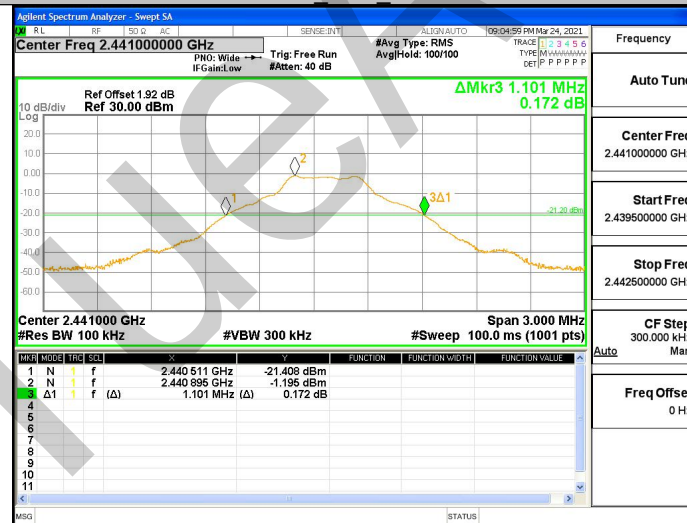
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	1.101	2401.514	2402.615	---	PASS
		2441	1.101	2440.511	2441.612	---	PASS
		2480	1.095	2479.517	2480.612	---	PASS
2DH1	Ant1	2402	1.362	2401.373	2402.735	---	PASS
		2441	1.359	2440.376	2441.735	---	PASS
		2480	1.359	2479.376	2480.735	---	PASS
3DH1	Ant1	2402	1.332	2401.400	2402.732	---	PASS
		2441	1.329	2440.403	2441.732	---	PASS
		2480	1.332	2479.403	2480.735	---	PASS

Test Graphs

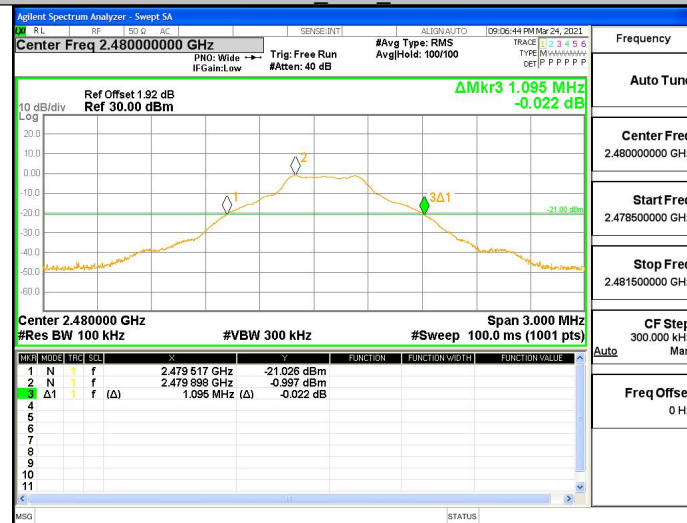
DH1 Ant1 2402



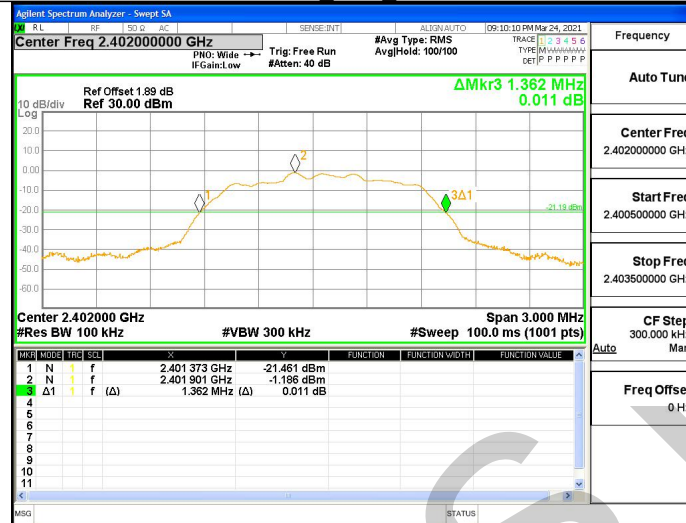
DH1 Ant1 2441



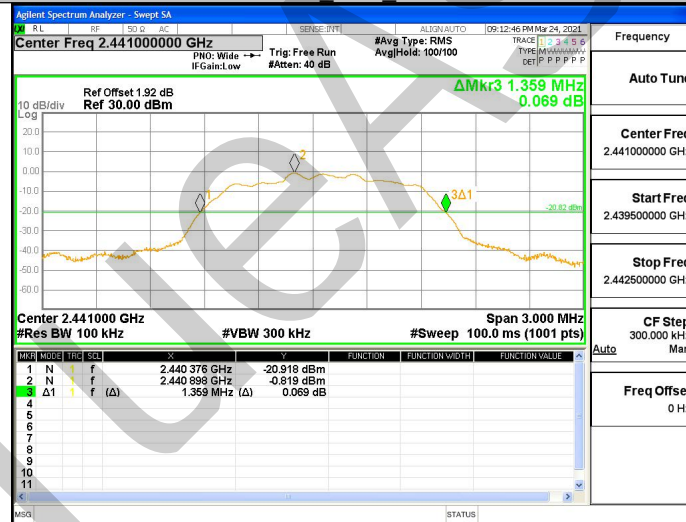
DH1 Ant1 2480



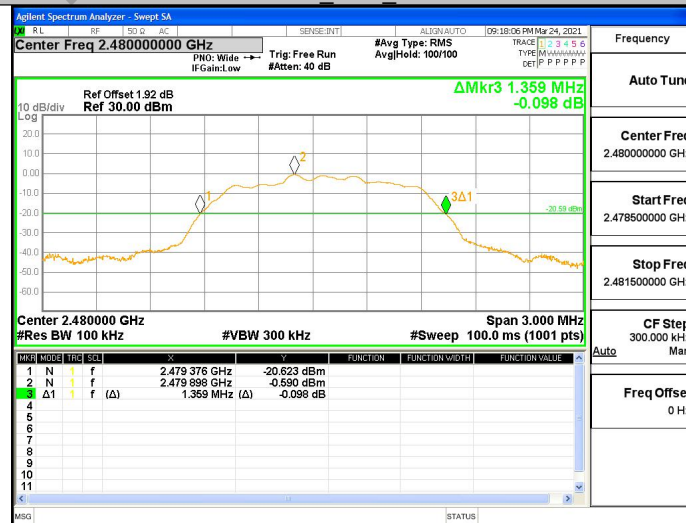
2DH1_Ant1_2402



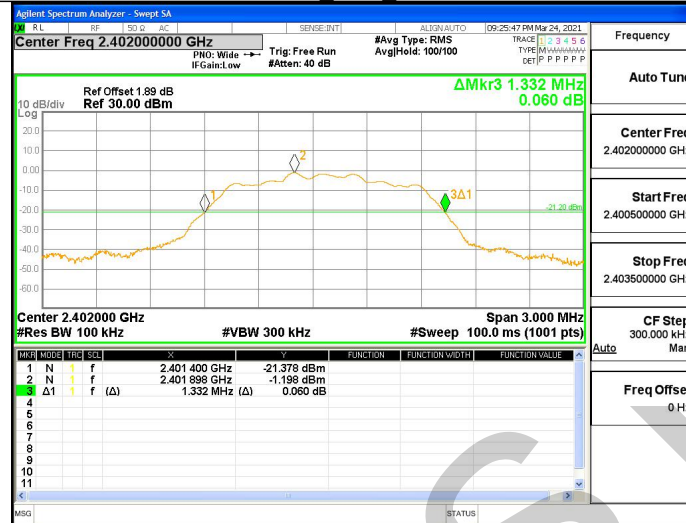
2DH1_Ant1_2441



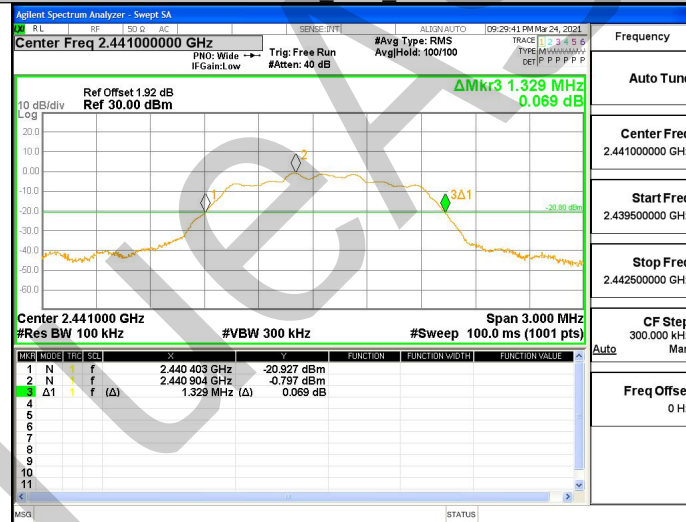
2DH1_Ant1_2480



3DH1_Ant1_2402



3DH1_Ant1_2441



3DH1_Ant1_2480



10.2 APPENDIX : OCCUPIED CHANNEL BANDWIDTH

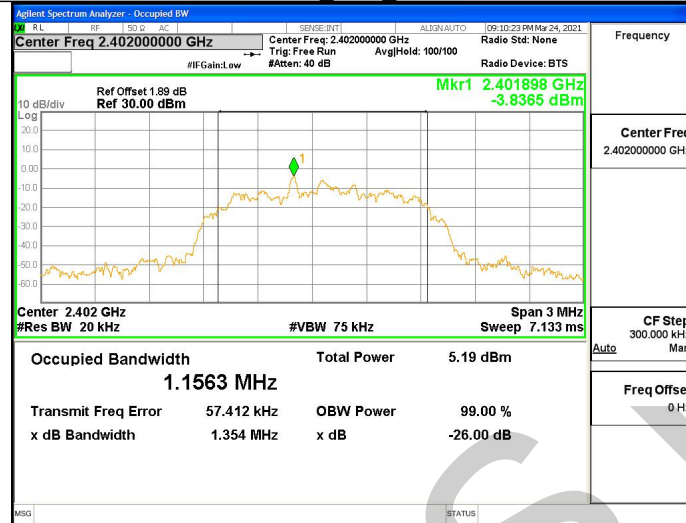
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	0.87743	2401.627	2402.505	---	PASS
		2441	0.86730	2440.635	2441.502	---	PASS
		2480	0.86323	2479.633	2480.496	---	PASS
2DH1	Ant1	2402	1.1563	2401.479	2402.636	---	PASS
		2441	1.1619	2440.477	2441.639	---	PASS
		2480	1.1554	2479.476	2480.631	---	PASS
3DH1	Ant1	2402	1.1425	2401.504	2402.647	---	PASS
		2441	1.1433	2440.504	2441.647	---	PASS
		2480	1.1454	2479.505	2480.651	---	PASS

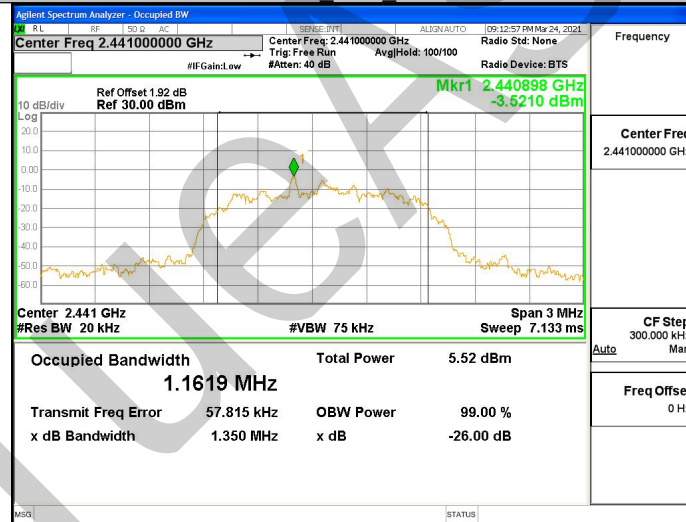
Test Graphs



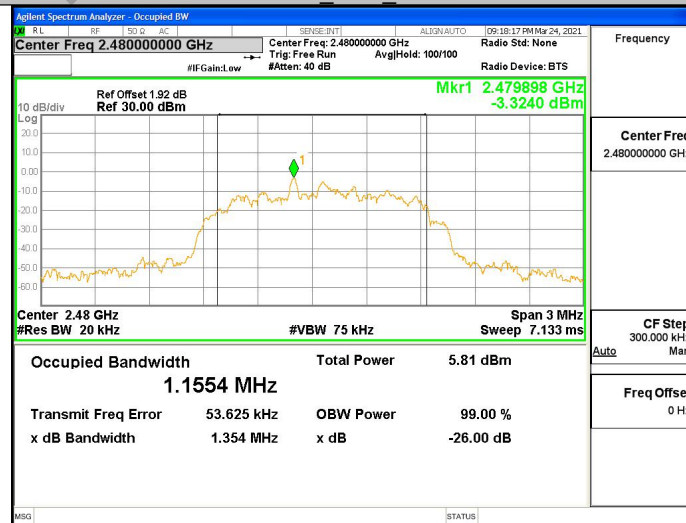
2DH1_Ant1_2402



2DH1_Ant1_2441



2DH1_Ant1_2480





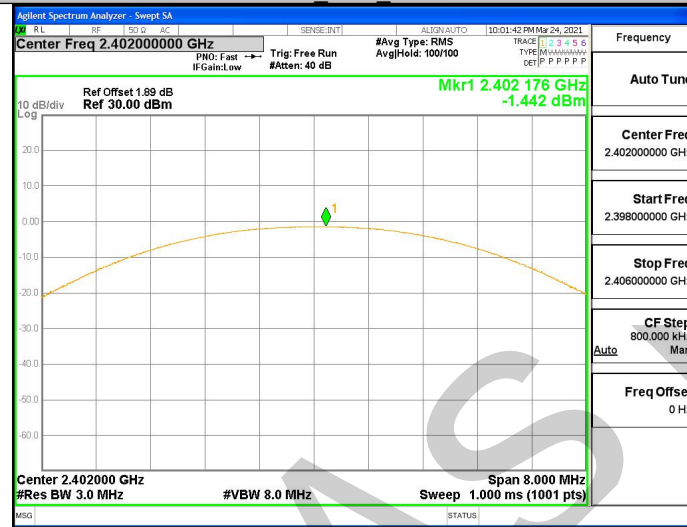
10.3 APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

Test Result

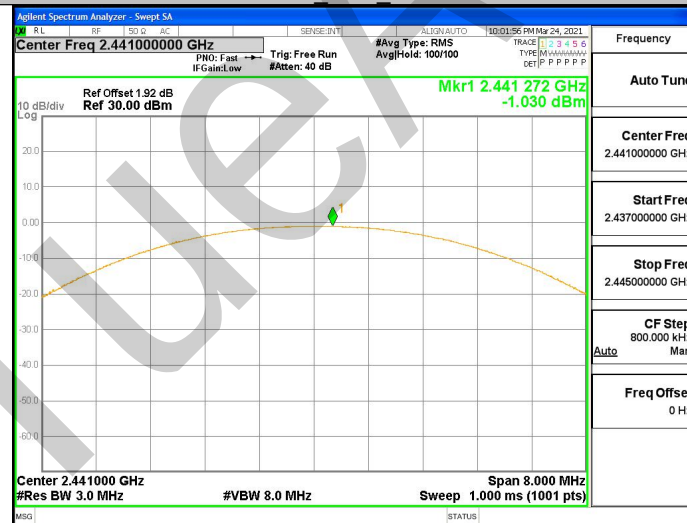
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH1	Ant1	2402	-1.44	<=20.97	PASS
		2441	-1.03	<=20.97	PASS
		2480	-0.76	<=20.97	PASS
2DH1	Ant1	2402	0.22	<=20.97	PASS
		2441	0.67	<=20.97	PASS
		2480	0.88	<=20.97	PASS
3DH1	Ant1	2402	0.83	<=20.97	PASS
		2441	1.17	<=20.97	PASS
		2480	1.46	<=20.97	PASS

Test Graphs

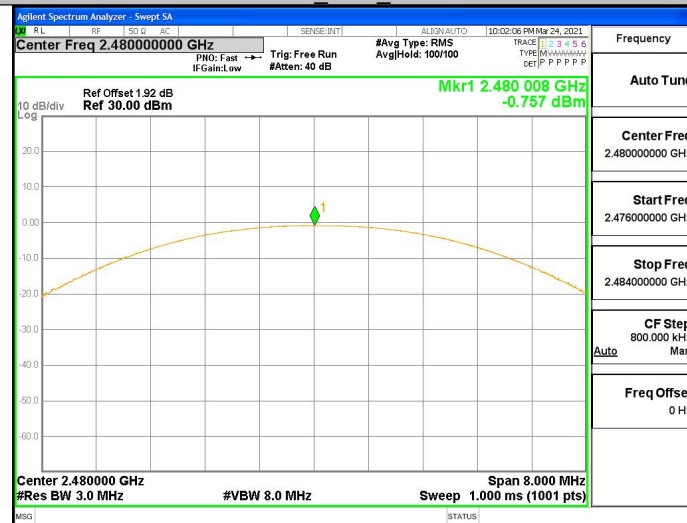
DH1 Ant1 2402



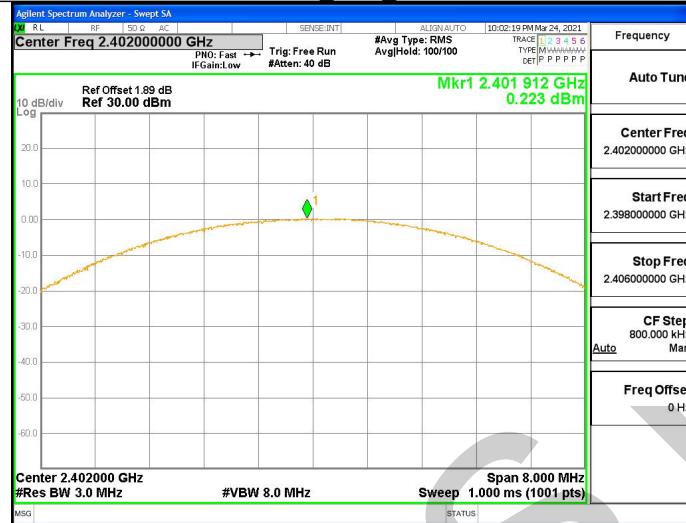
DH1 Ant1 2441



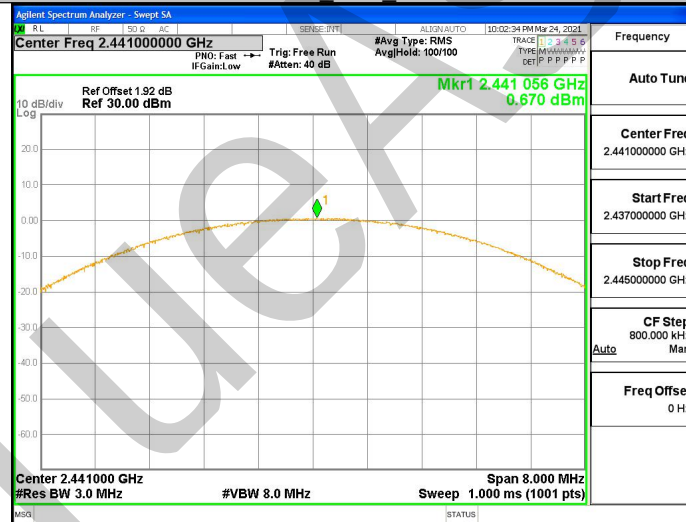
DH1 Ant1 2480



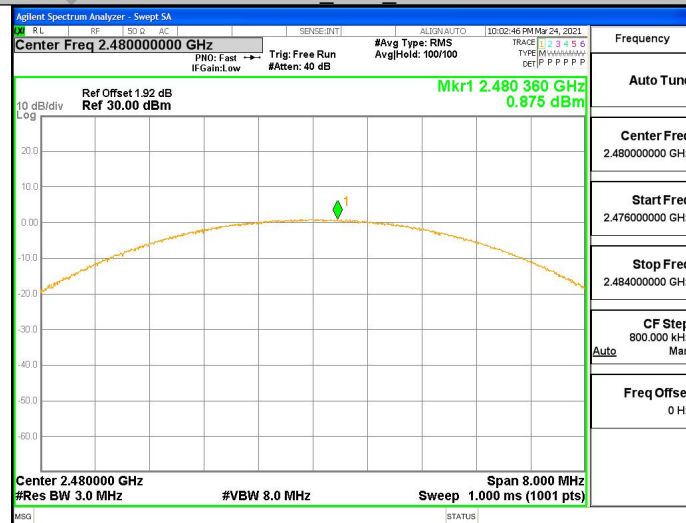
2DH1_Ant1_2402



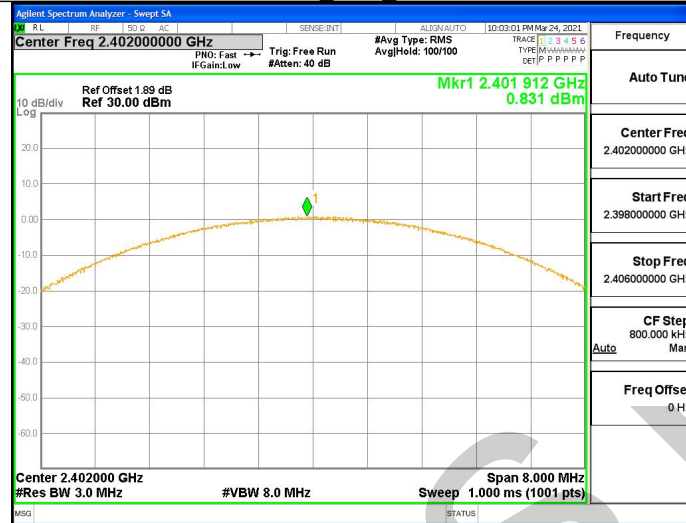
2DH1_Ant1_2441



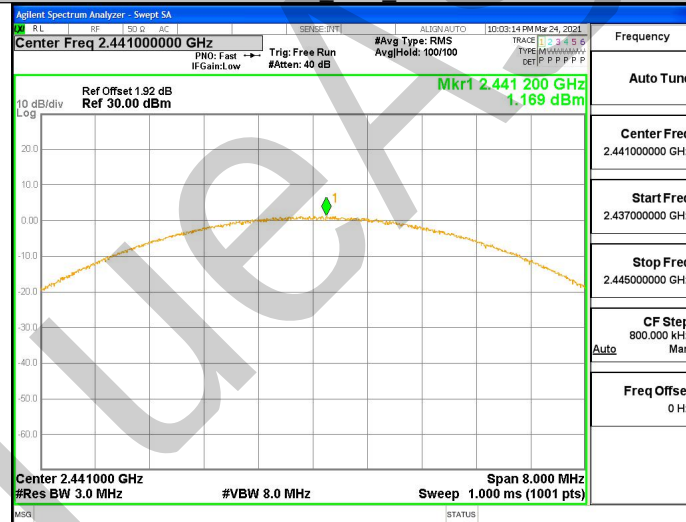
2DH1_Ant1_2480



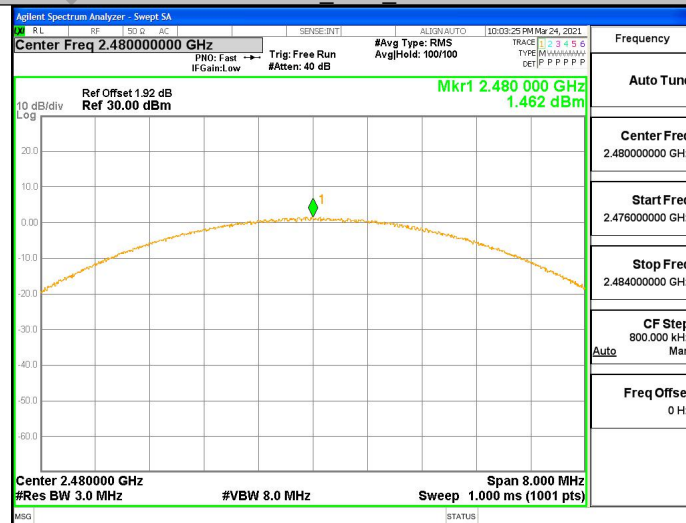
3DH1_Ant1_2402



3DH1_Ant1_2441



3DH1_Ant1_2480

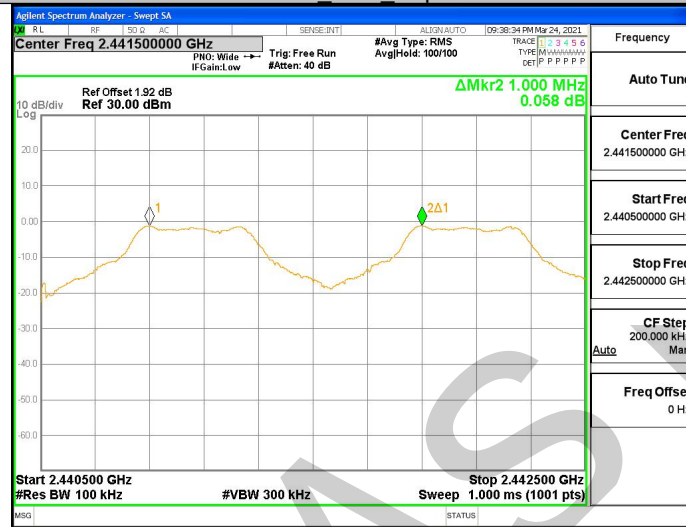


10.4 APPENDIX D: CARRIER FREQUENCY SEPARATION**Test Result**

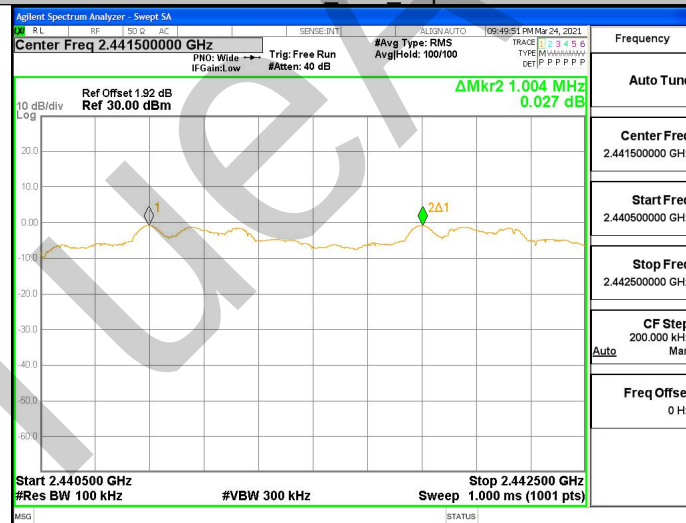
TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop	1	≥ 0.734	PASS
2DH1	Ant1	Hop	1.004	≥ 0.908	PASS
3DH1	Ant1	Hop	1.002	≥ 0.888	PASS

Test Graphs

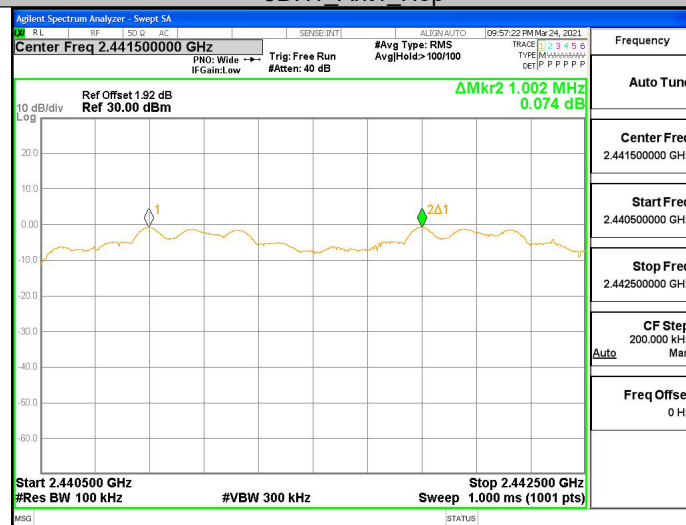
DH1_Ant1_Hop



2DH1_Ant1_Hop



3DH1_Ant1_Hop



10.5 APPENDIX E: 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: $T = 0.4 \text{ Second/Channel} \times 79 \text{ Channel} = 31.6 \text{ s}$

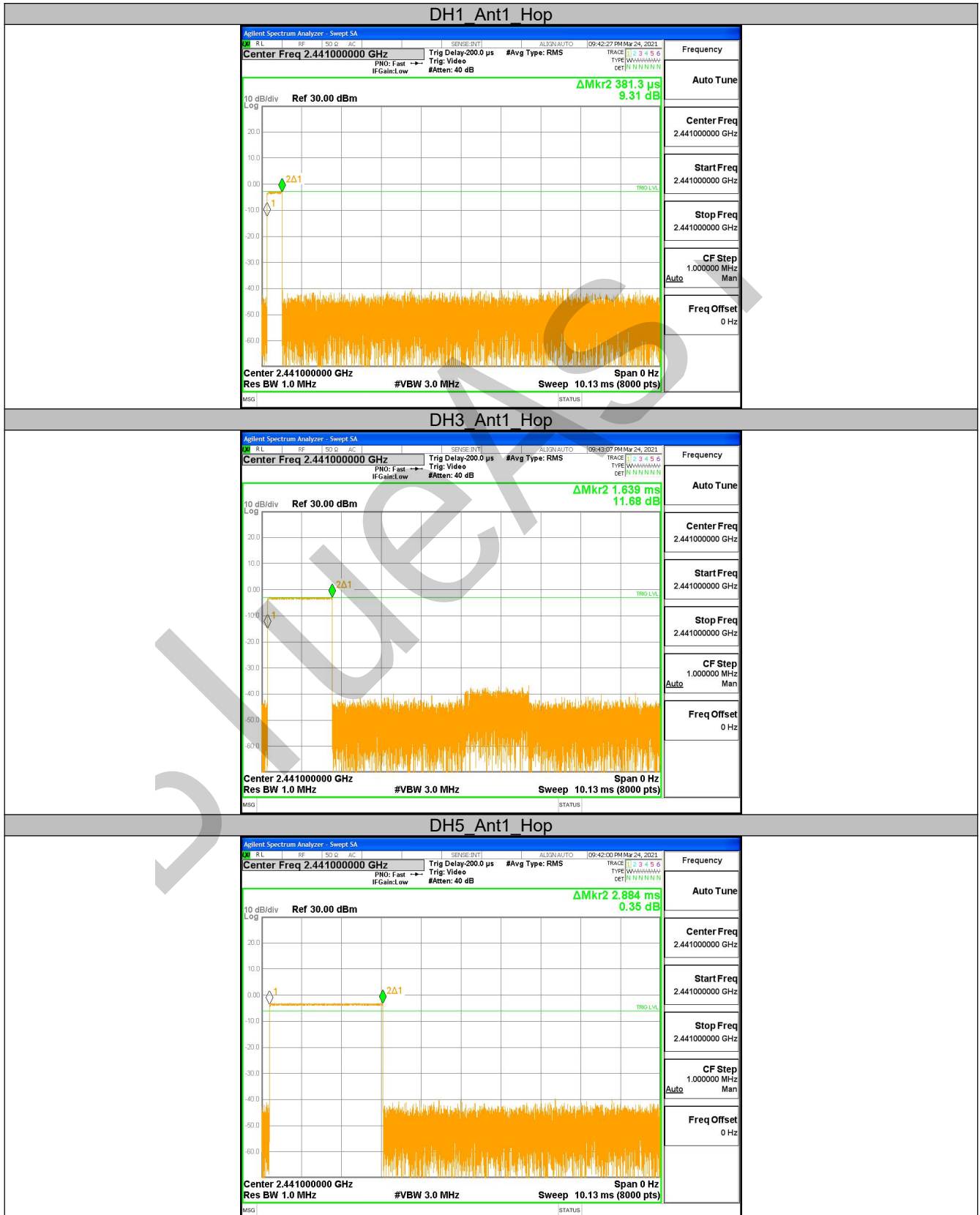
Test channel: 2441MHz as blow

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



10.6 APPENDIX : 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



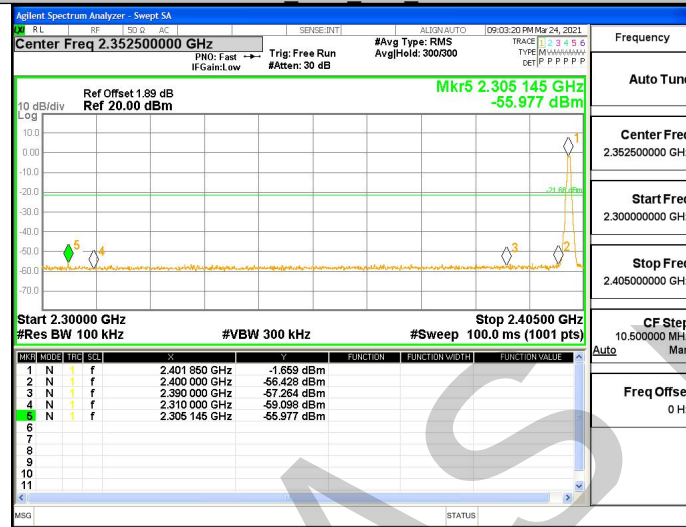
10.7 APPENDIX G: BAND EDGE MEASUREMENTS

Test Result

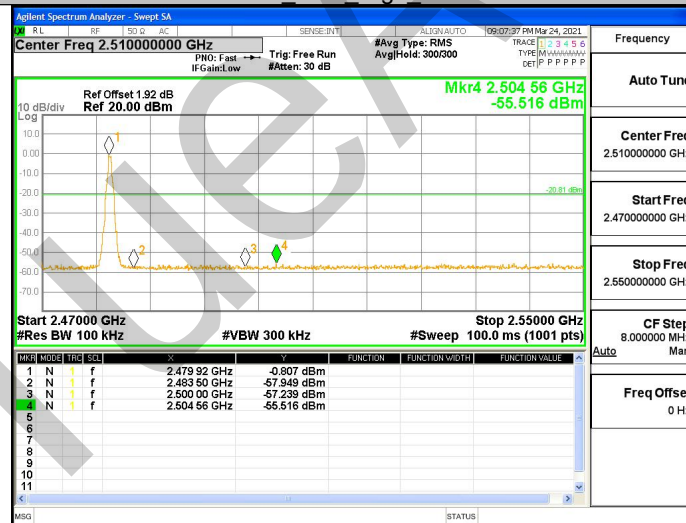
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	Low	2402	-1.66	-55.98	<=-21.66	PASS
		High	2480	-0.81	-55.52	<=-20.81	PASS
		Low	Hop_2402	-2.24	-54.99	-22.24	PASS
		High	Hop_2480	-1.23	-54.39	-21.23	PASS
2DH1	Ant1	Low	2402	-1.27	-55.68	<=-21.27	PASS
		High	2480	-0.63	-55.44	<=-20.63	PASS
		Low	Hop_2402	-1.67	-55.93	-21.67	PASS
		High	Hop_2480	-0.78	-55.37	-20.78	PASS
3DH1	Ant1	Low	2402	-1.27	-56.02	<=-21.28	PASS
		High	2480	-0.64	-55.42	<=-20.64	PASS
		Low	Hop_2402	-1.80	-55.51	-21.8	PASS
		High	Hop_2480	-0.85	-55.25	-20.85	PASS

Test Graphs

DH1 Ant1 Low 2402



DH1 Ant1 High 2480



DH1 Ant1 Low Hop 2402

