

10 APPENDIX

Appendix1

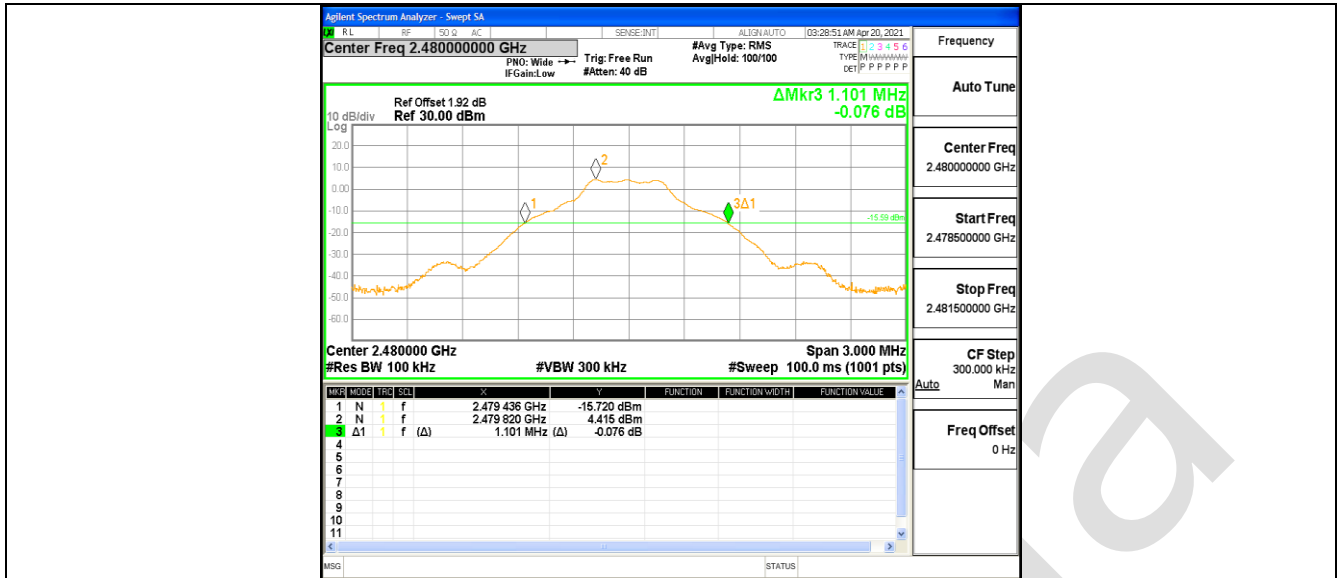
10.1 APPENDIX A: 20DB EMISSION BANDWIDTH

Test Result

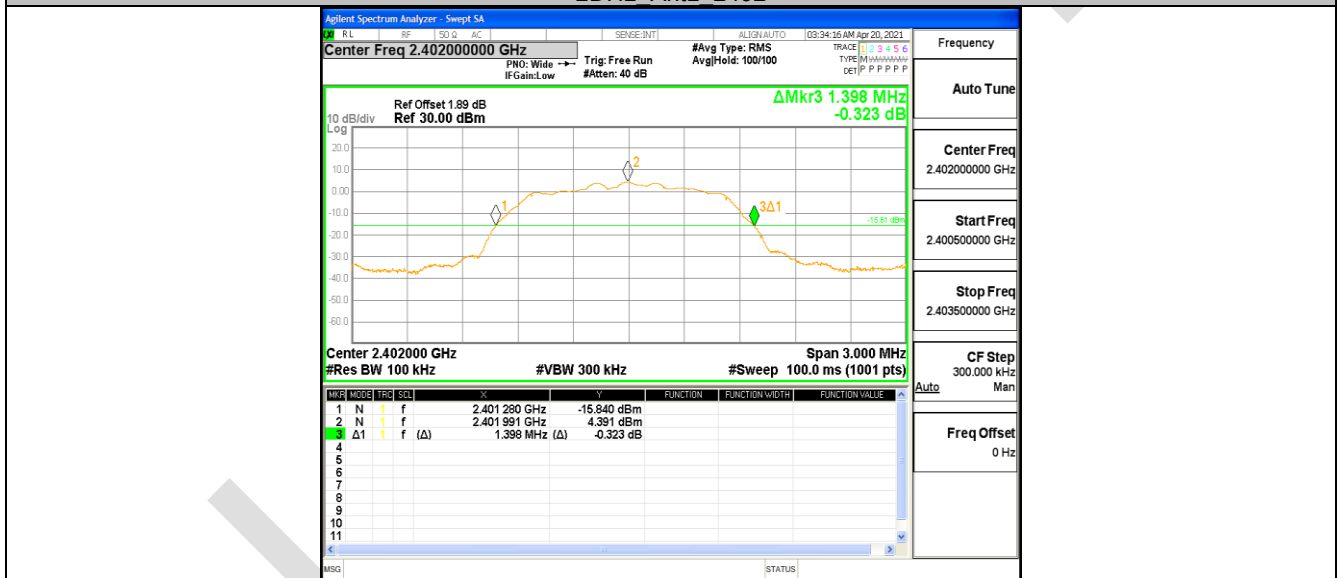
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	1.107	2401.433	2402.540	---	PASS
		2441	1.101	2440.436	2441.537	---	PASS
		2480	1.101	2479.436	2480.537	---	PASS
2DH1	Ant1	2402	1.398	2401.280	2402.678	---	PASS
		2441	1.395	2440.277	2441.672	---	PASS
		2480	1.401	2479.280	2480.681	---	PASS
3DH1	Ant1	2402	1.362	2401.301	2402.663	---	PASS
		2441	1.362	2440.301	2441.663	---	PASS
		2480	1.359	2479.307	2480.666	---	PASS

Test Graphs

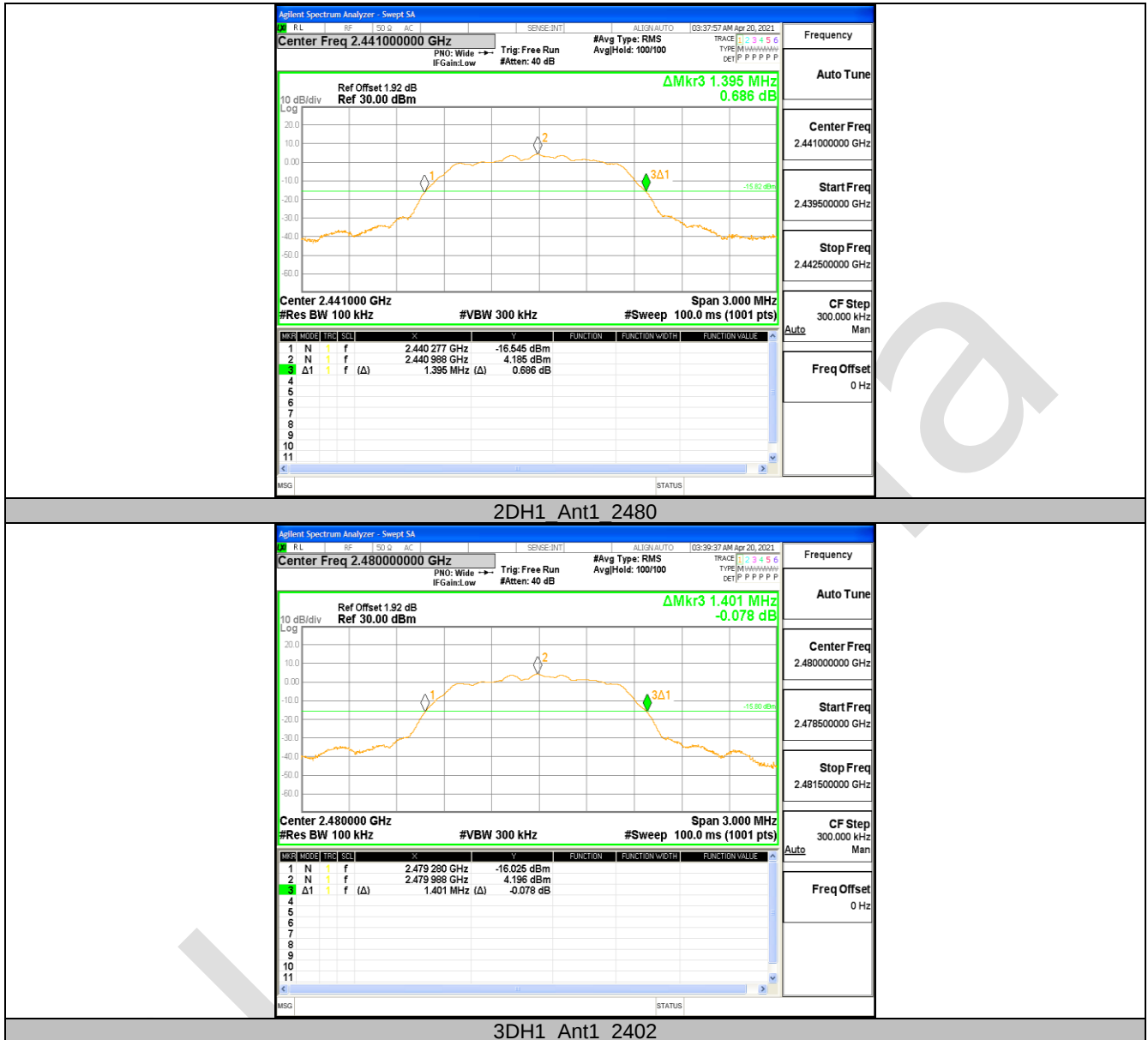


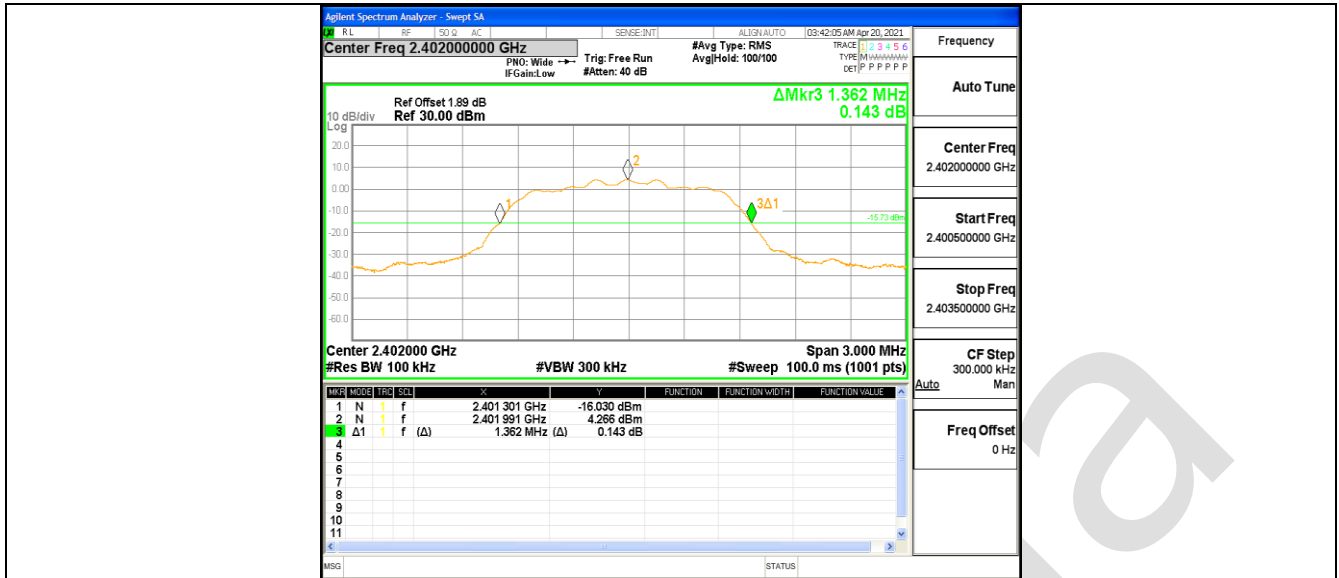


2DH1_Ant1_2402

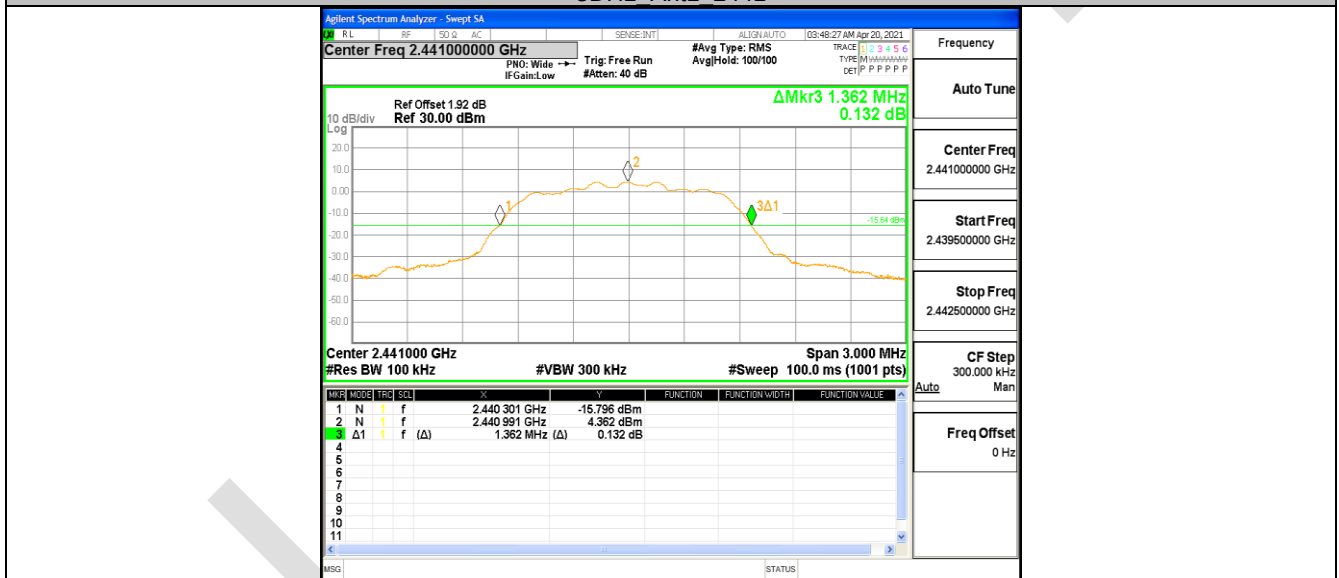


2DH1_Ant1_2441

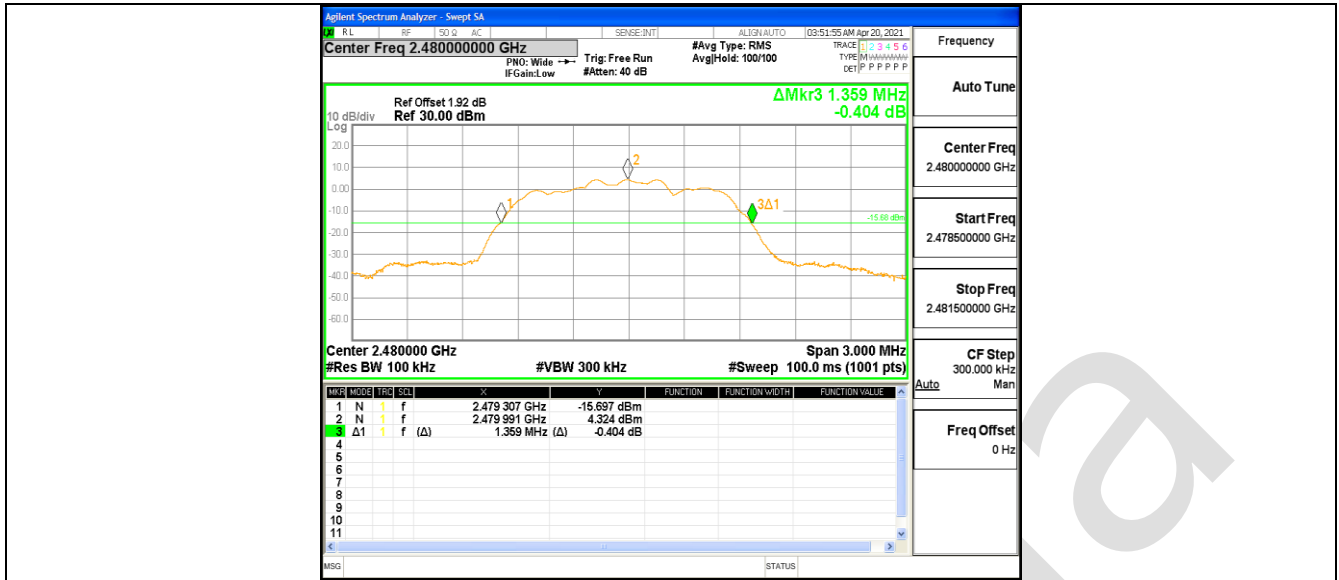




3DH1 Ant1 2441



3DH1 Ant1 2480

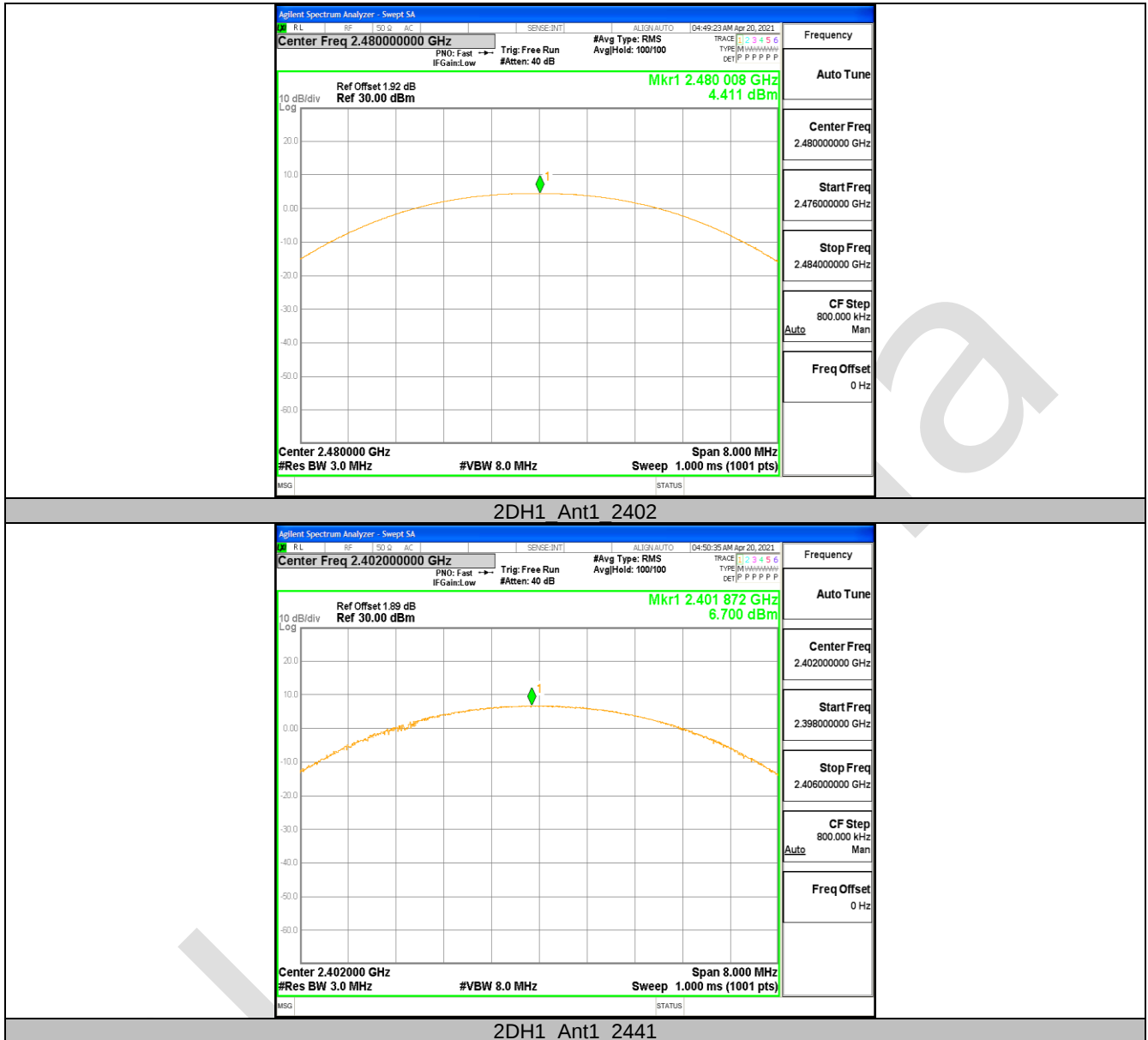


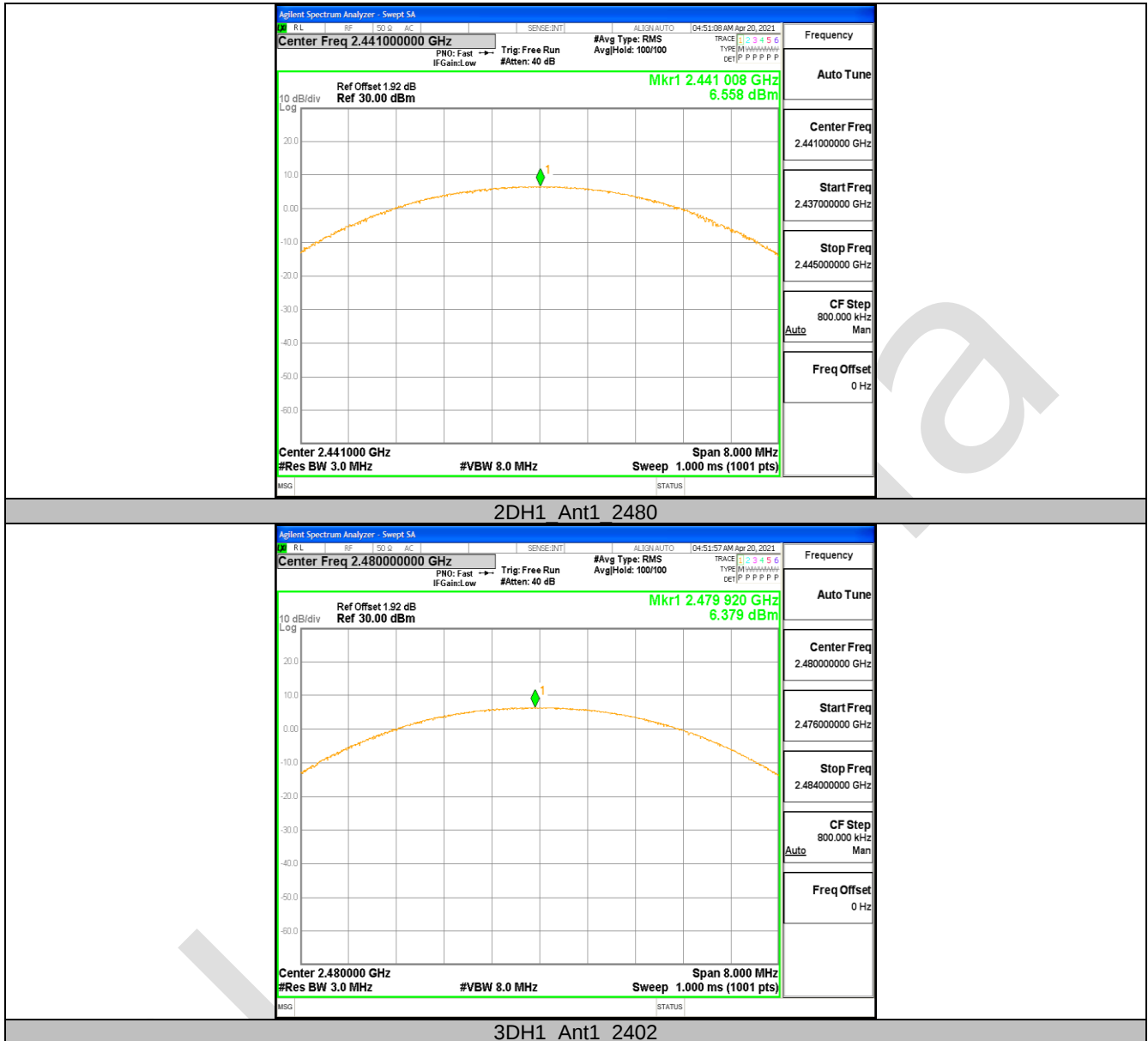
10.2 APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER**Test Result**

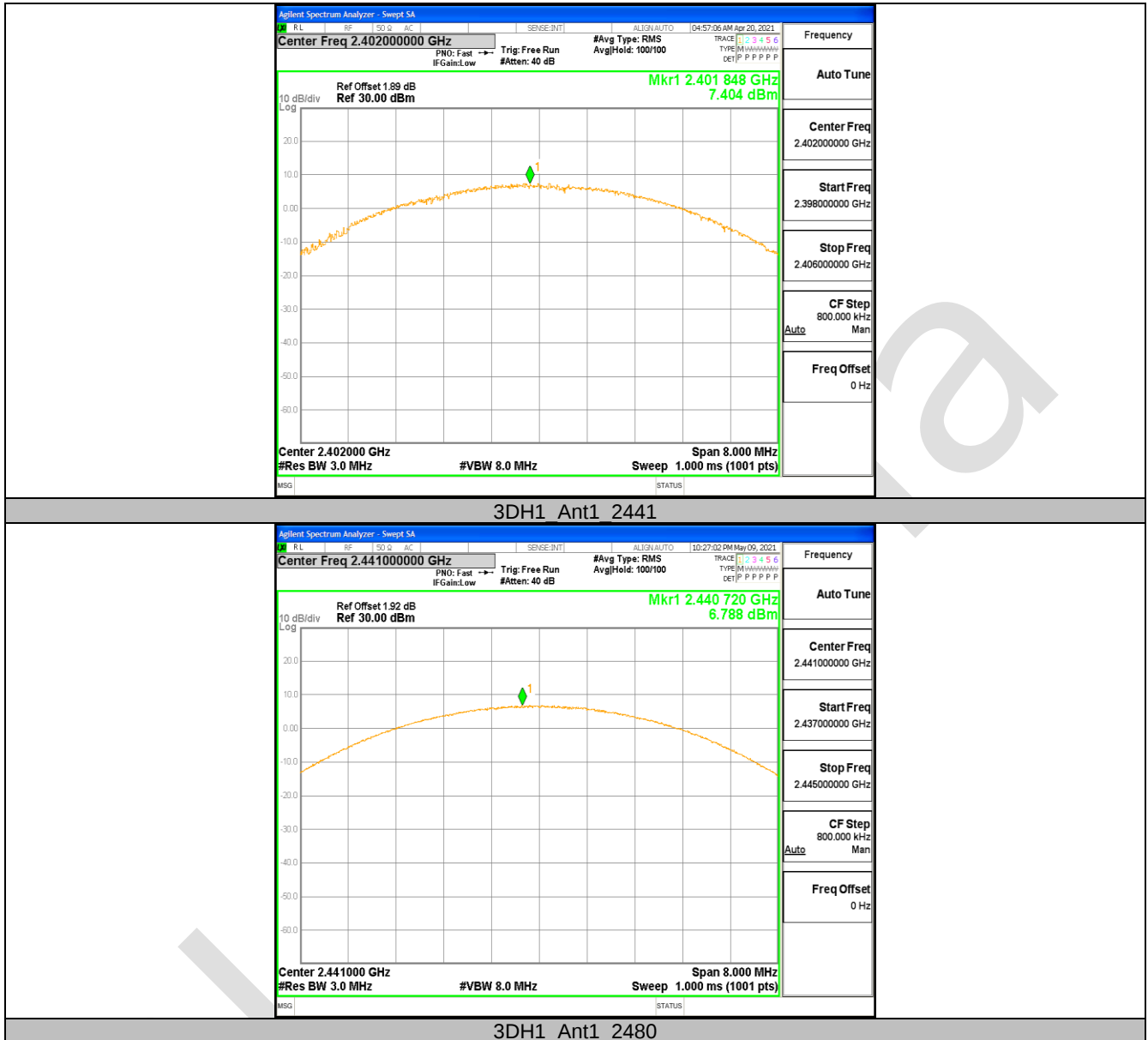
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH1	Ant1	2402	4.03	≤ 20.97	PASS
		2441	4.31	≤ 20.97	PASS
		2480	4.41	≤ 20.97	PASS
2DH1	Ant1	2402	6.7	≤ 20.97	PASS
		2441	6.56	≤ 20.97	PASS
		2480	6.38	≤ 20.97	PASS
3DH1	Ant1	2402	7.4	≤ 20.97	PASS
		2441	6.79	≤ 20.97	PASS
		2480	7.03	≤ 20.97	PASS

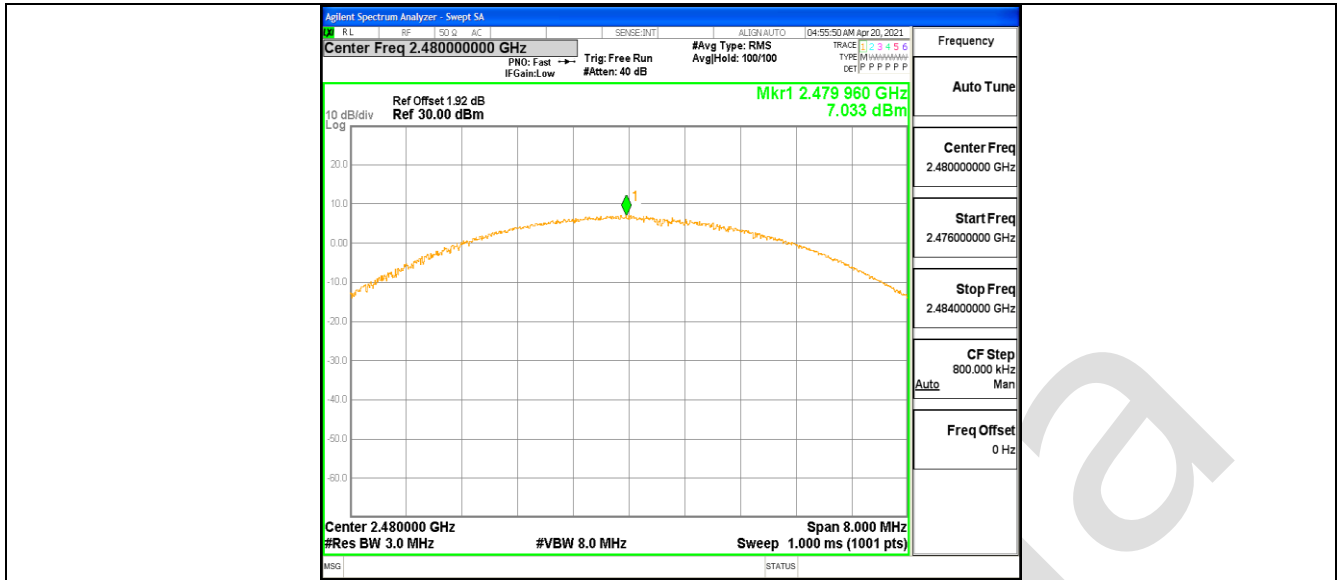
Test Graphs









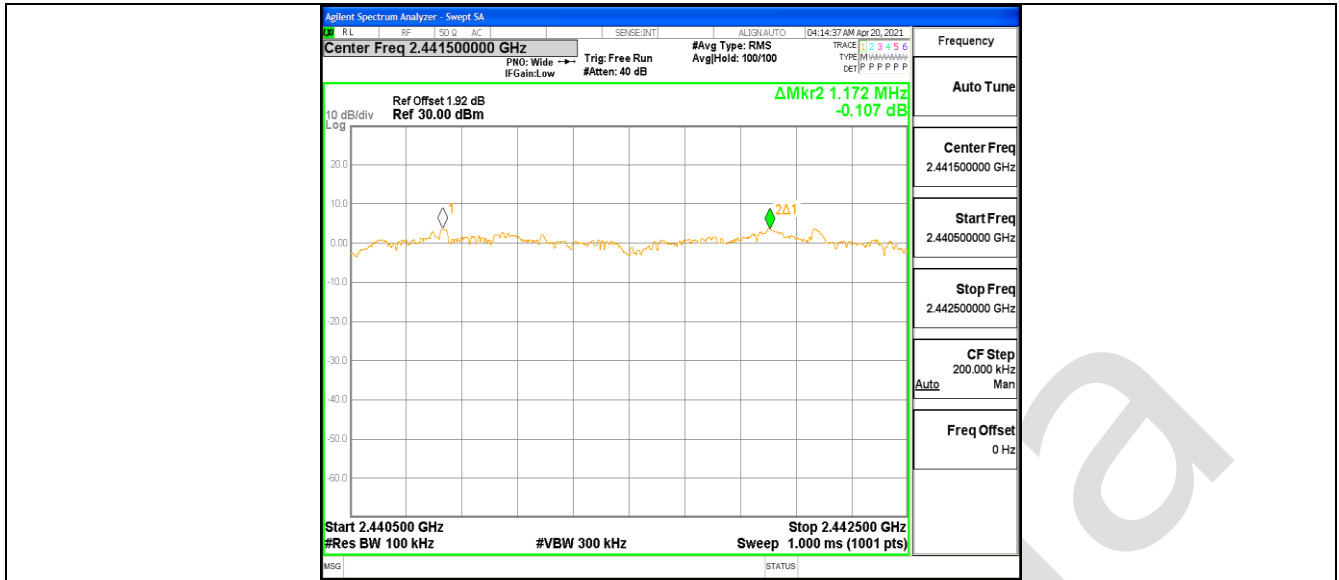


10.3 APPENDIX D: CARRIER FREQUENCY SEPARATION**Test Result**

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop	1.13	≥ 1.107	PASS
2DH1	Ant1	Hop	1.002	≥ 0.934	PASS
3DH1	Ant1	Hop	1.172	≥ 0.908	PASS

Test Graphs



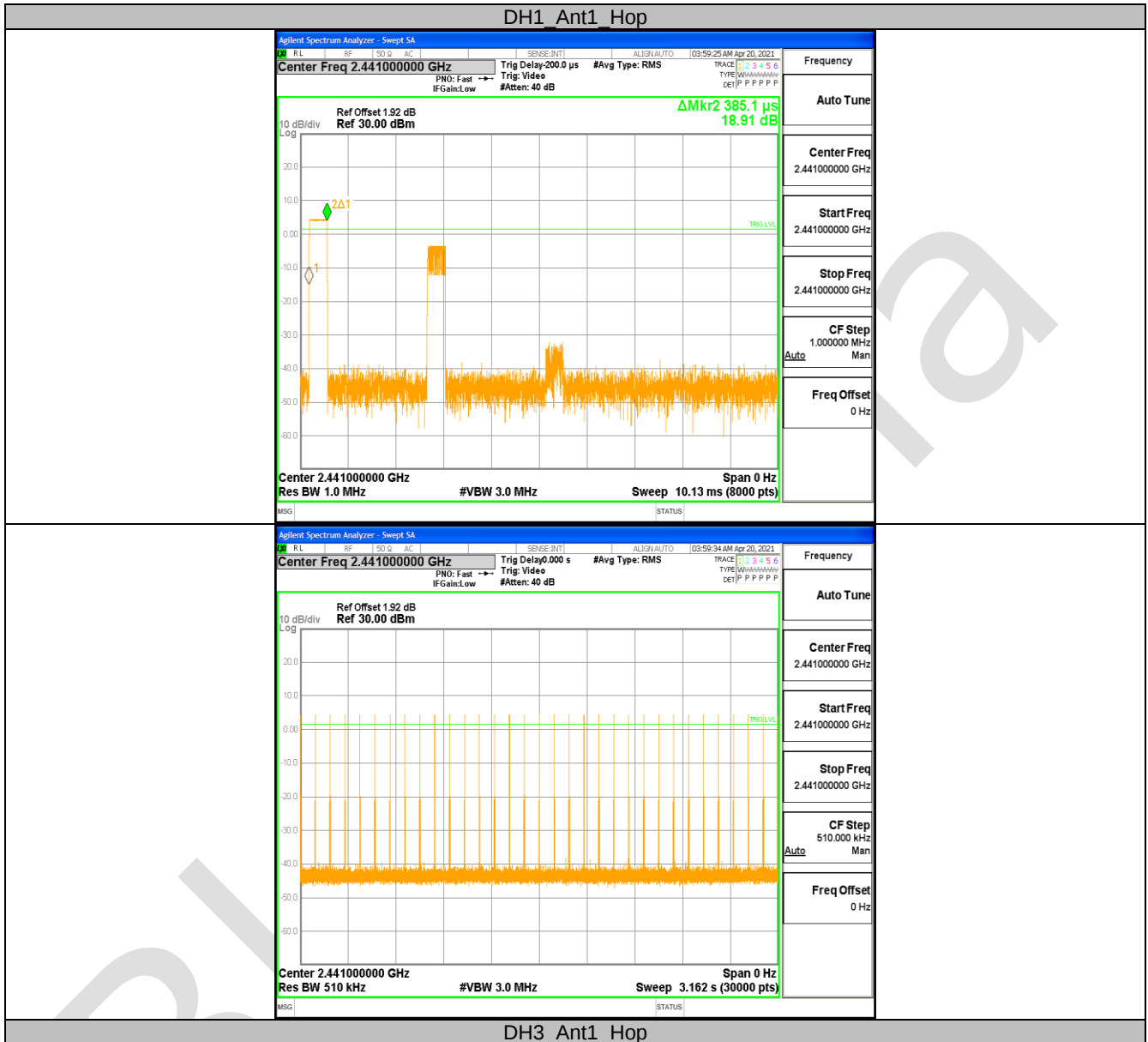


10.4 APPENDIX E: TIME OF OCCUPANCY

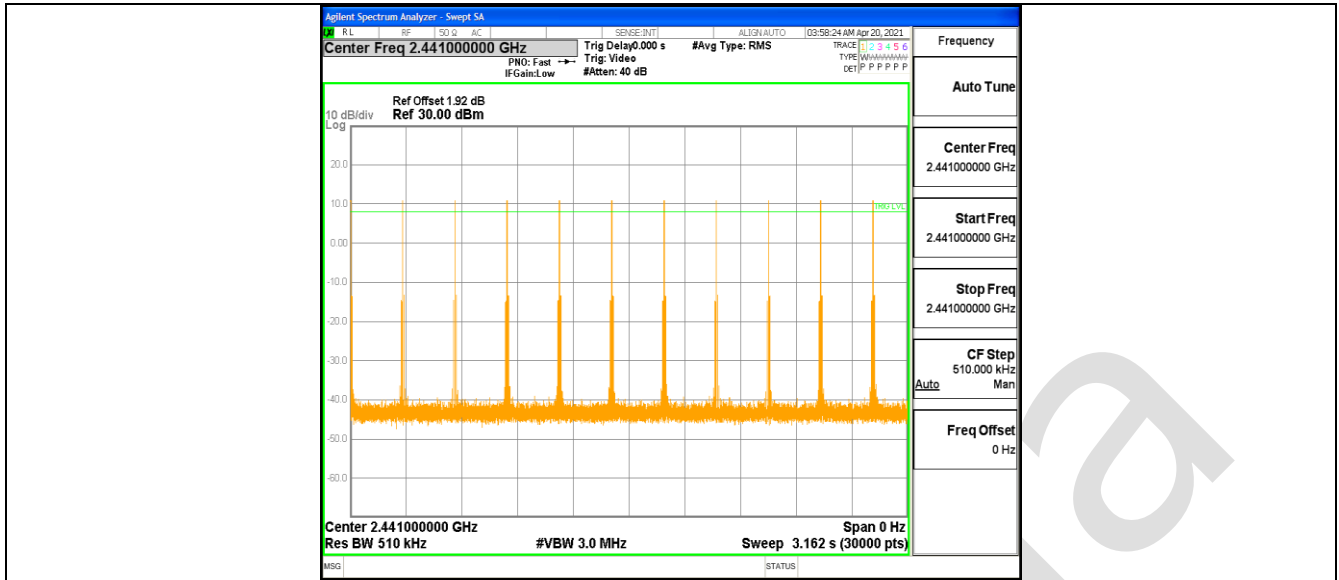
Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.39	330	0.127	<=0.4	PASS
DH3	Ant1	Hop	1.64	170	0.279	<=0.4	PASS
DH5	Ant1	Hop	2.89	110	0.318	<=0.4	PASS

Test Graphs





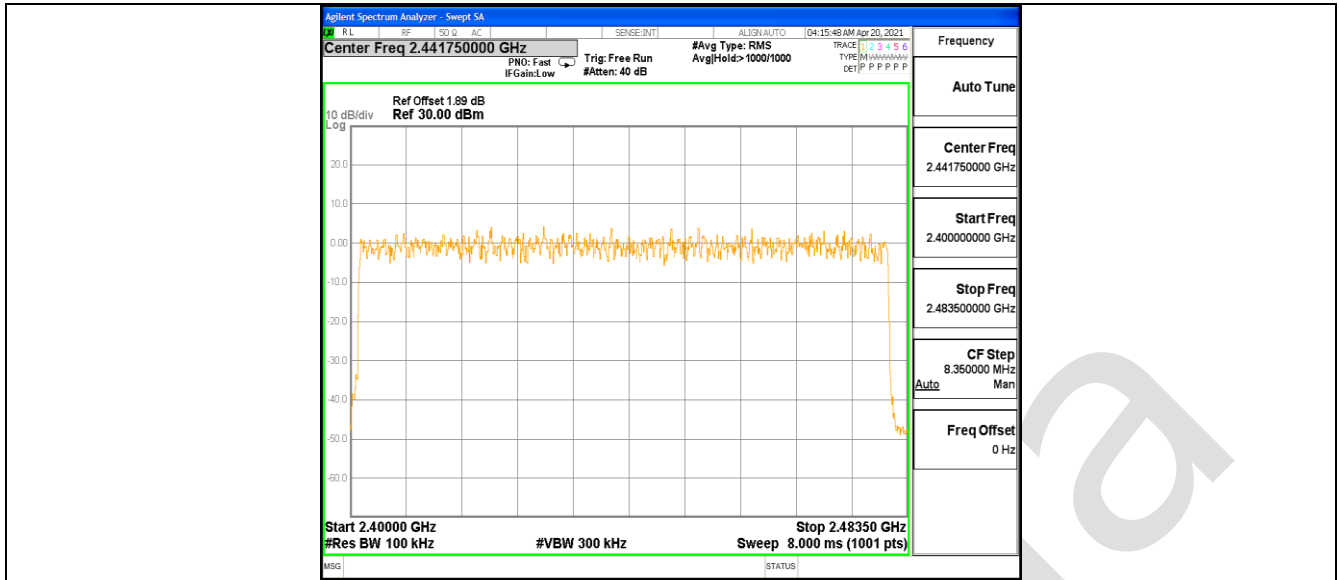


10.5 APPENDIX F: NUMBER OF HOPPING CHANNELS**Test Result**

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



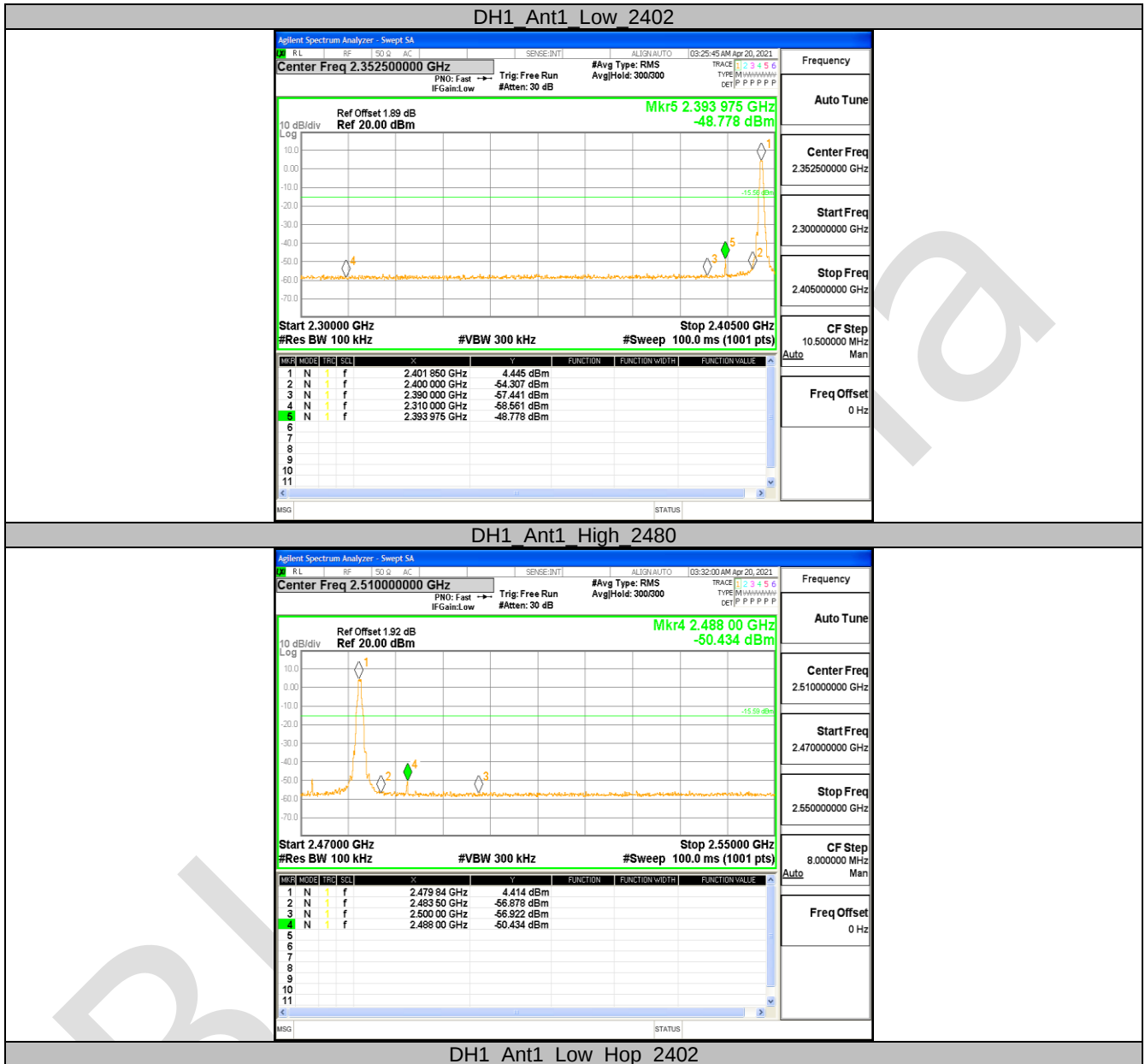


10.6 APPENDIX G: BAND EDGE MEASUREMENTS

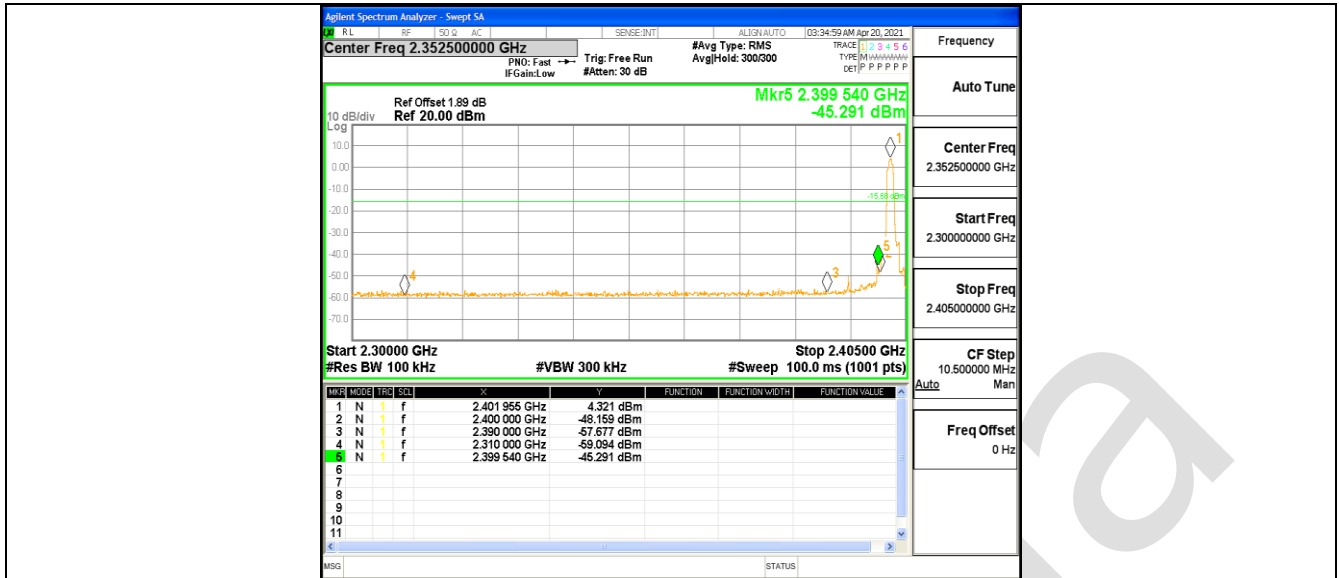
Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	Low	2402	4.45	-48.78	<=-15.56	PASS
		High	2480	4.41	-50.43	<=-15.59	PASS
		Low	Hop_2402	4.39	-56.29	<=-15.62	PASS
		High	Hop_2480	4.37	-54.93	<=-15.63	PASS
2DH1	Ant1	Low	2402	4.32	-45.29	<=-15.68	PASS
		High	2480	4.18	-49.67	<=-15.82	PASS
		Low	Hop_2402	3.94	-56.03	<=-16.06	PASS
		High	Hop_2480	3.87	-54.7	<=-16.13	PASS
3DH1	Ant1	Low	2402	4.18	-36.36	<=-15.82	PASS
		High	2480	4.33	-49.69	<=-15.67	PASS
		Low	Hop_2402	2.41	-56.15	<=-17.59	PASS
		High	Hop_2480	3.81	-55.24	<=-16.19	PASS

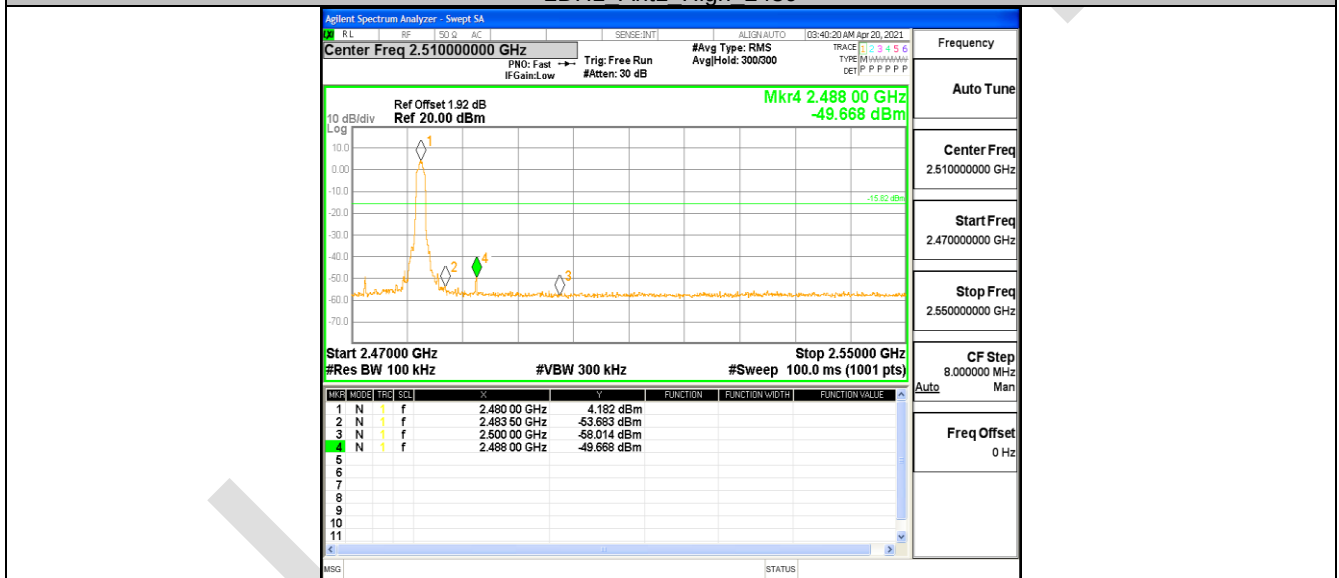
Test Graphs



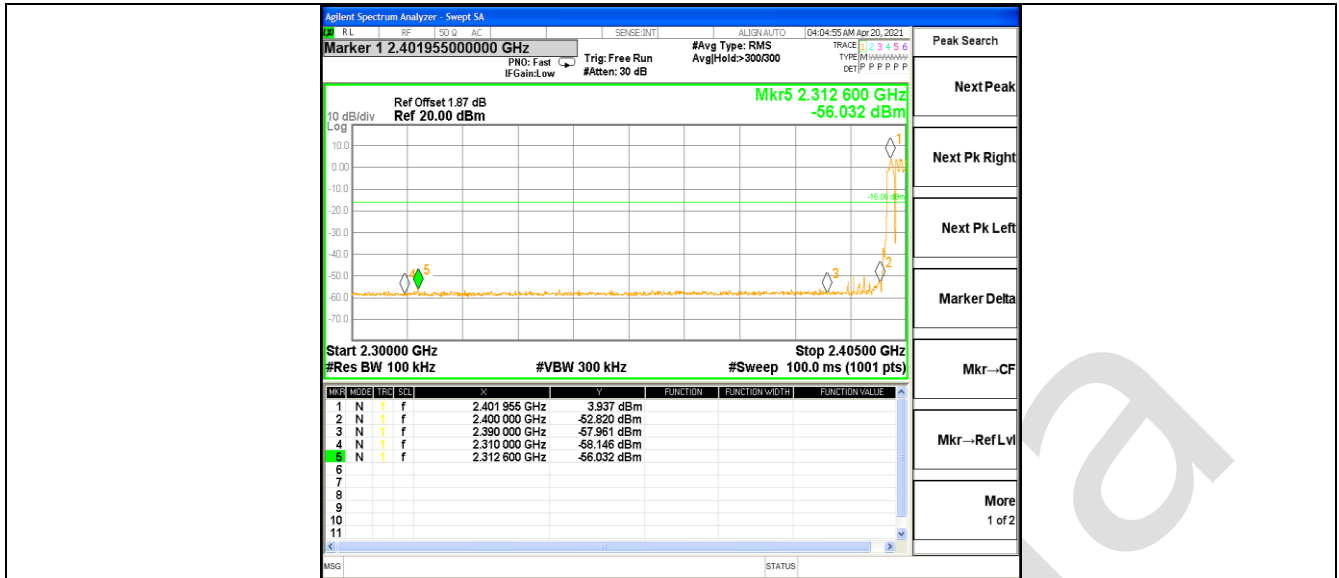




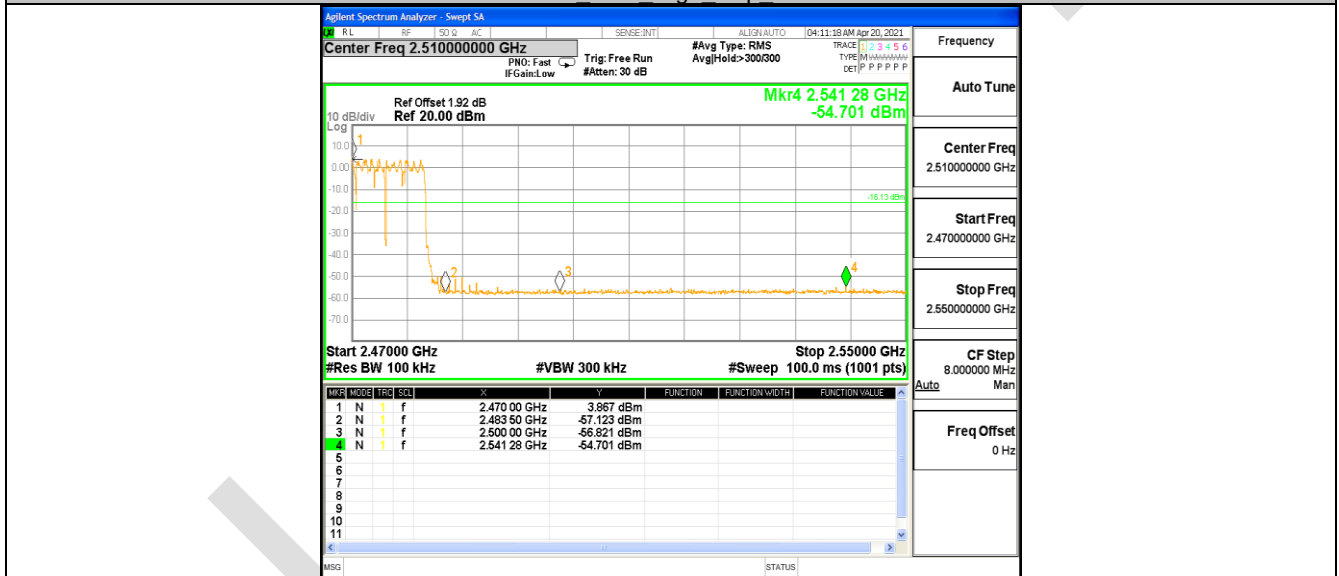
2DH1 Ant1 High 2480



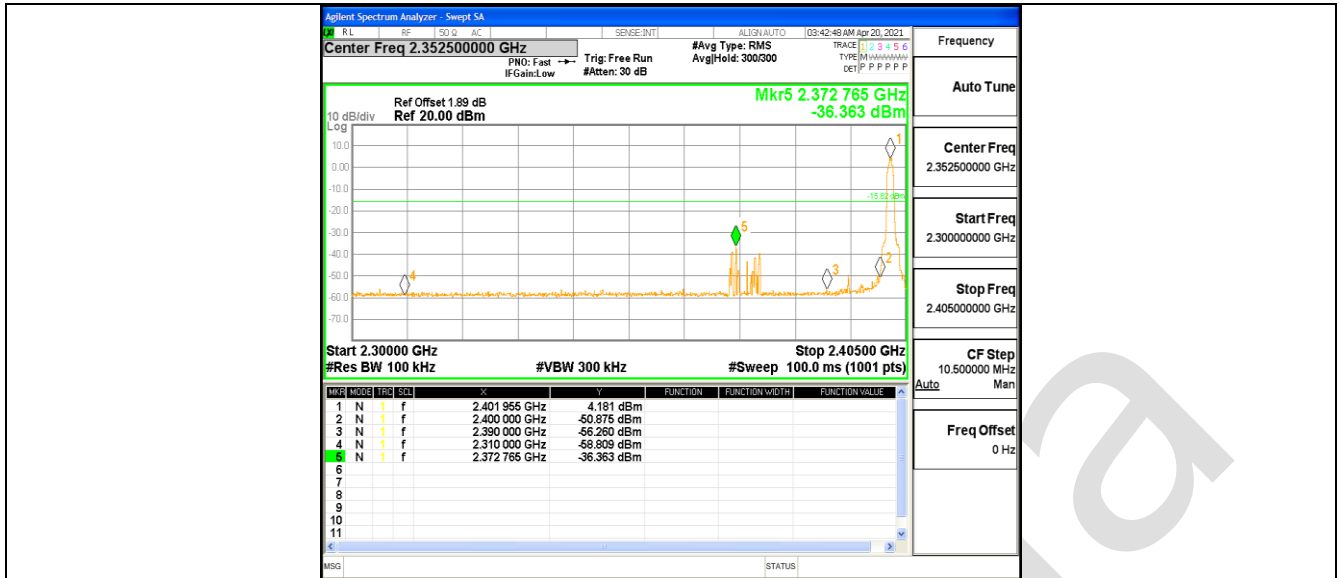
2DH1 Ant1 Low Hop 2402



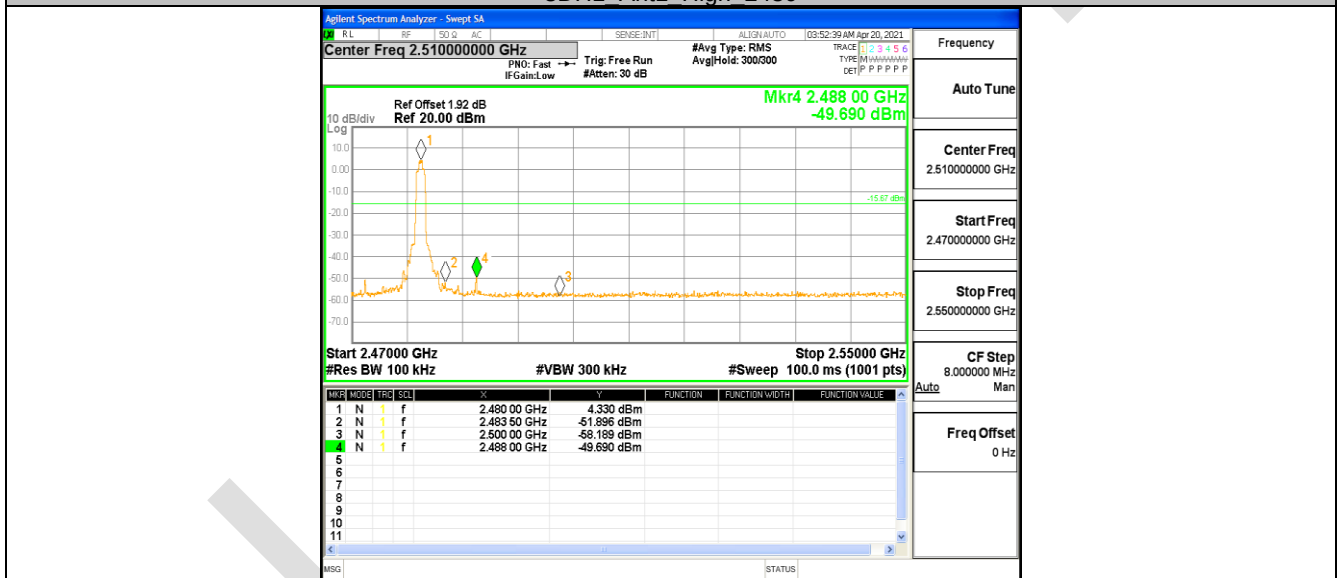
2DH1 Ant1 High Hop 2480



3DH1 Ant1 Low 2402



3DH1 Ant1 High 2480



3DH1 Ant1 Low Hop 2402



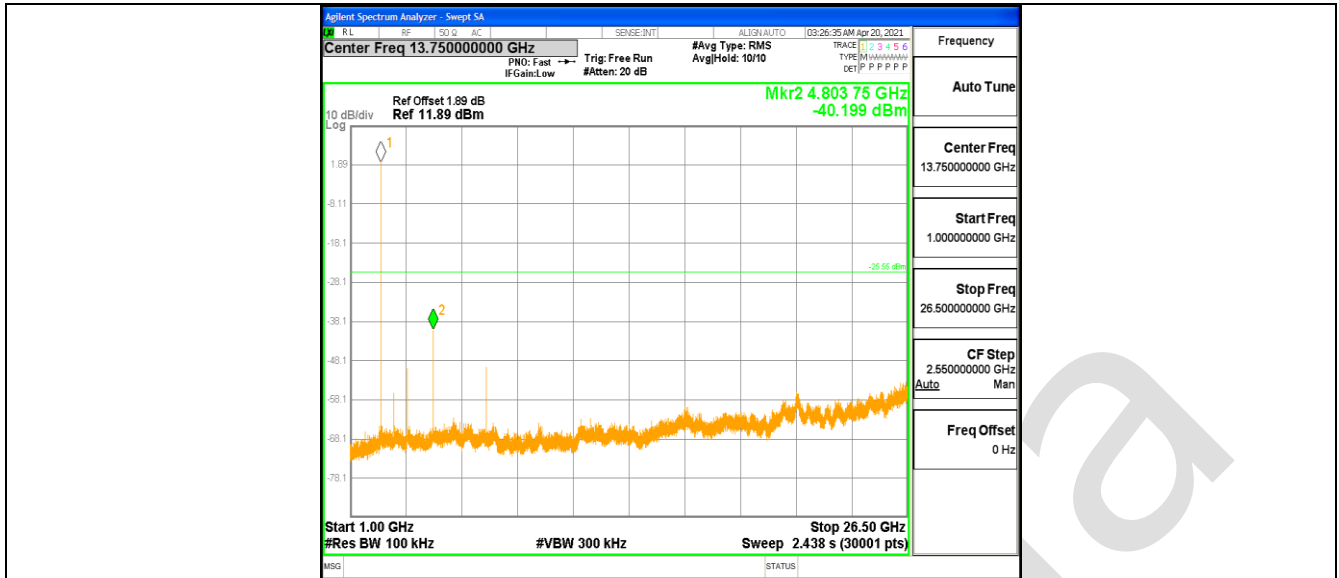
10.7 APPENDIX H: CONDUCTED SPURIOUS EMISSION

Test Result

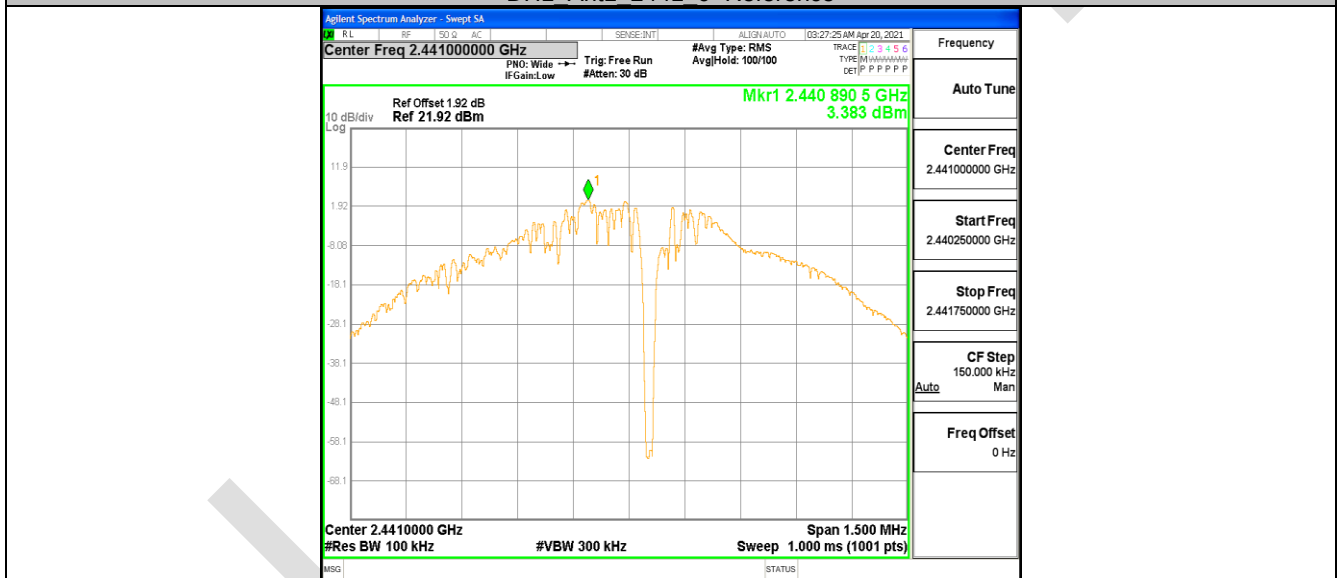
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	2402	Reference	4.45	4.45	---	PASS
			30~1000	4.45	-67.66	<=-25.55	PASS
			1000~26500	4.45	-40.2	<=-25.55	PASS
		2441	Reference	3.38	3.38	---	PASS
			30~1000	3.38	-66.66	<=-26.62	PASS
			1000~26500	3.38	-43.6	<=-26.62	PASS
		2480	Reference	4.39	4.39	---	PASS
			30~1000	4.39	-66.99	<=-25.62	PASS
			1000~26500	4.39	-47.13	<=-25.62	PASS
2DH1	Ant1	2402	Reference	4.22	4.22	---	PASS
			30~1000	4.22	-66.9	<=-25.78	PASS
			1000~26500	4.22	-42.78	<=-25.78	PASS
		2441	Reference	3.69	3.69	---	PASS
			30~1000	3.69	-67.28	<=-26.31	PASS
			1000~26500	3.69	-45	<=-26.31	PASS
		2480	Reference	4.20	4.20	---	PASS
			30~1000	4.20	-67.81	<=-25.8	PASS
			1000~26500	4.20	-44.62	<=-25.8	PASS
3DH1	Ant1	2402	Reference	4.35	4.35	---	PASS
			30~1000	4.35	-66.63	<=-25.65	PASS
			1000~26500	4.35	-41.27	<=-25.65	PASS
		2441	Reference	3.63	3.63	---	PASS
			30~1000	3.63	-67.3	<=-26.37	PASS
			1000~26500	3.63	-43.63	<=-26.37	PASS
		2480	Reference	4.15	4.15	---	PASS
			30~1000	4.15	-67.66	<=-25.85	PASS
			1000~26500	4.15	-43.68	<=-25.85	PASS

Test Graphs

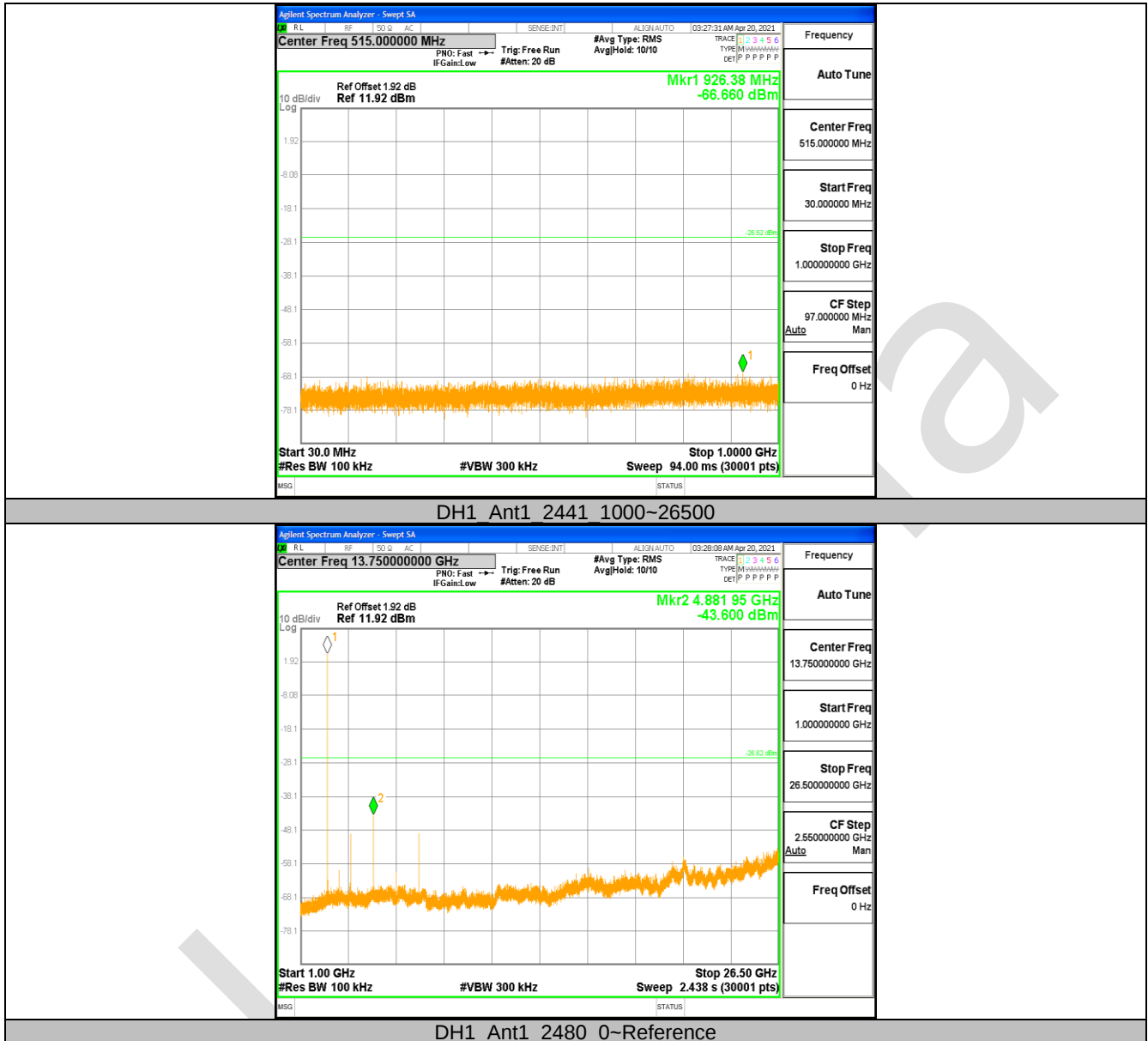


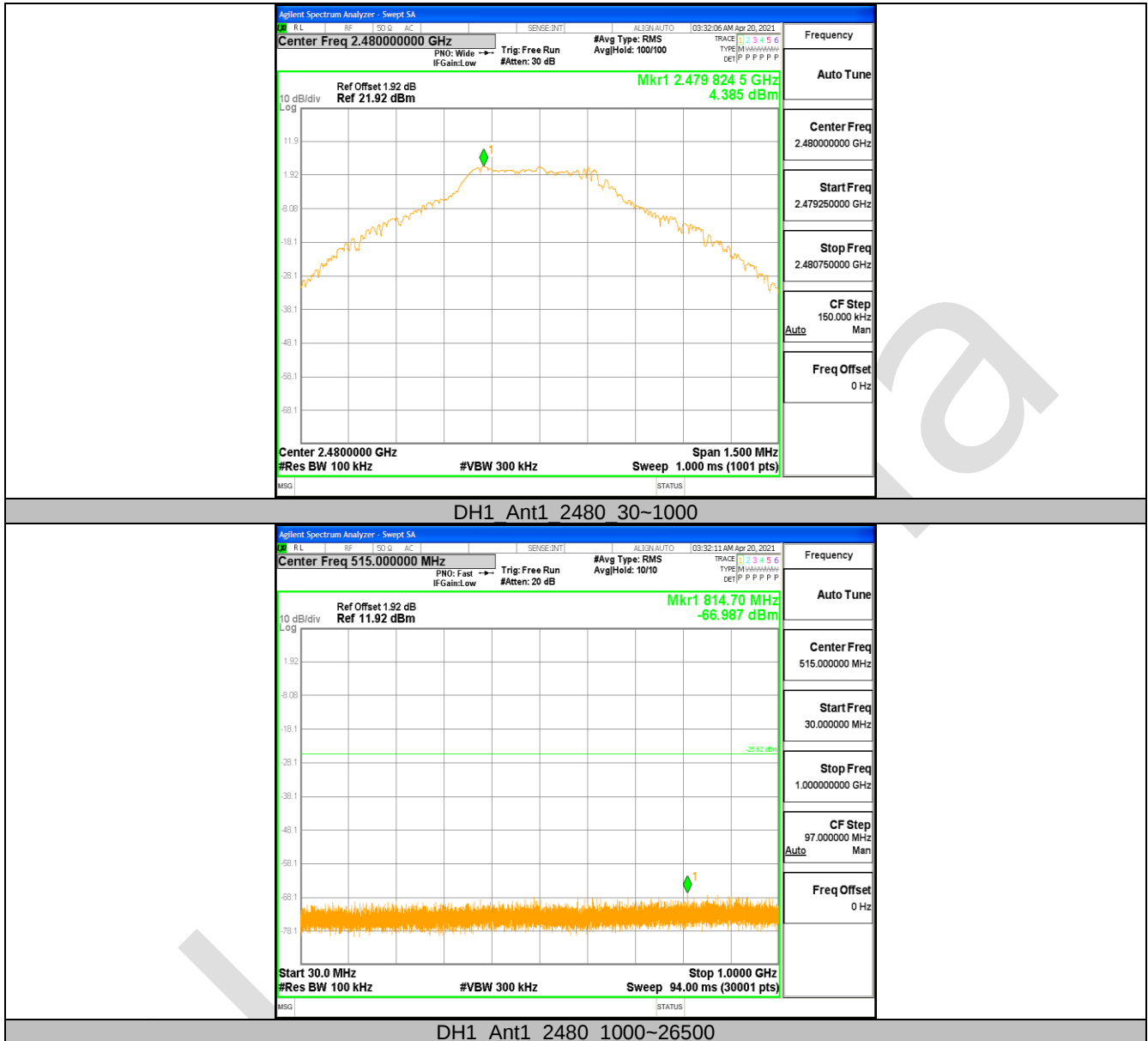


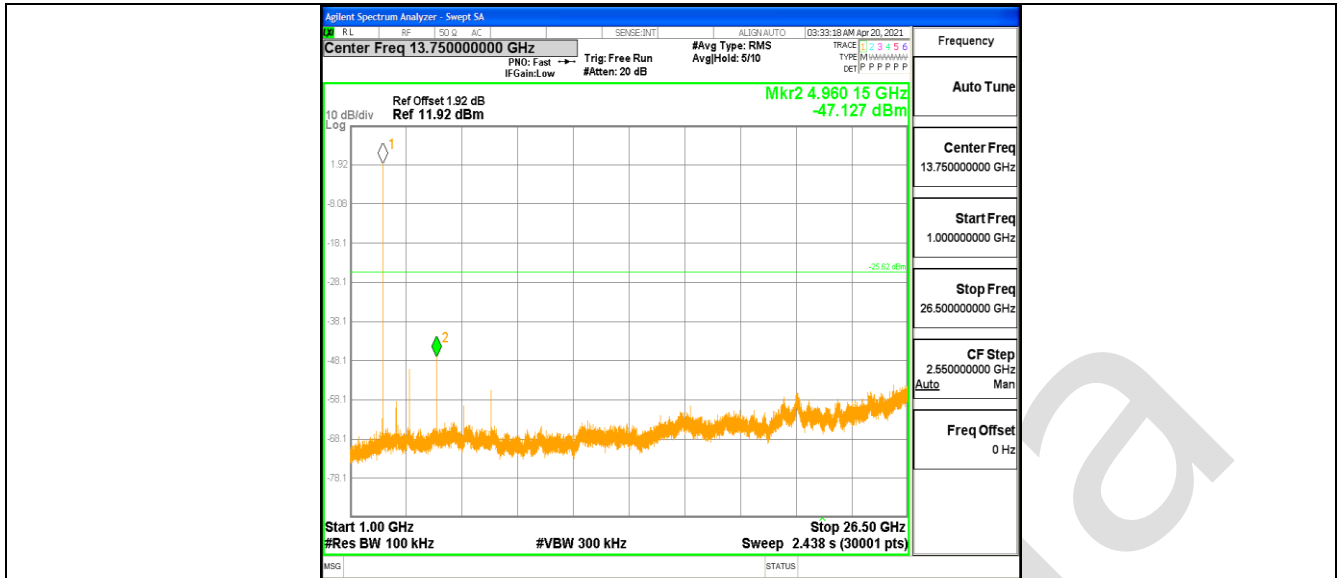
DH1_Ant1_2441_0-Reference



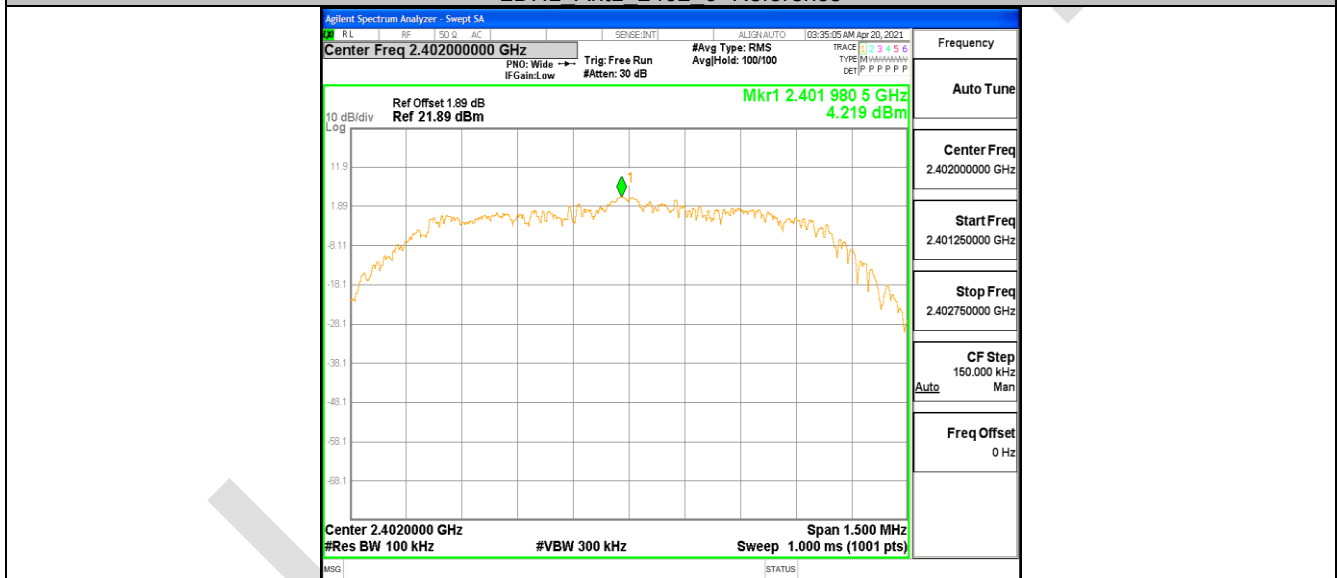
DH1_Ant1_2441_30~1000



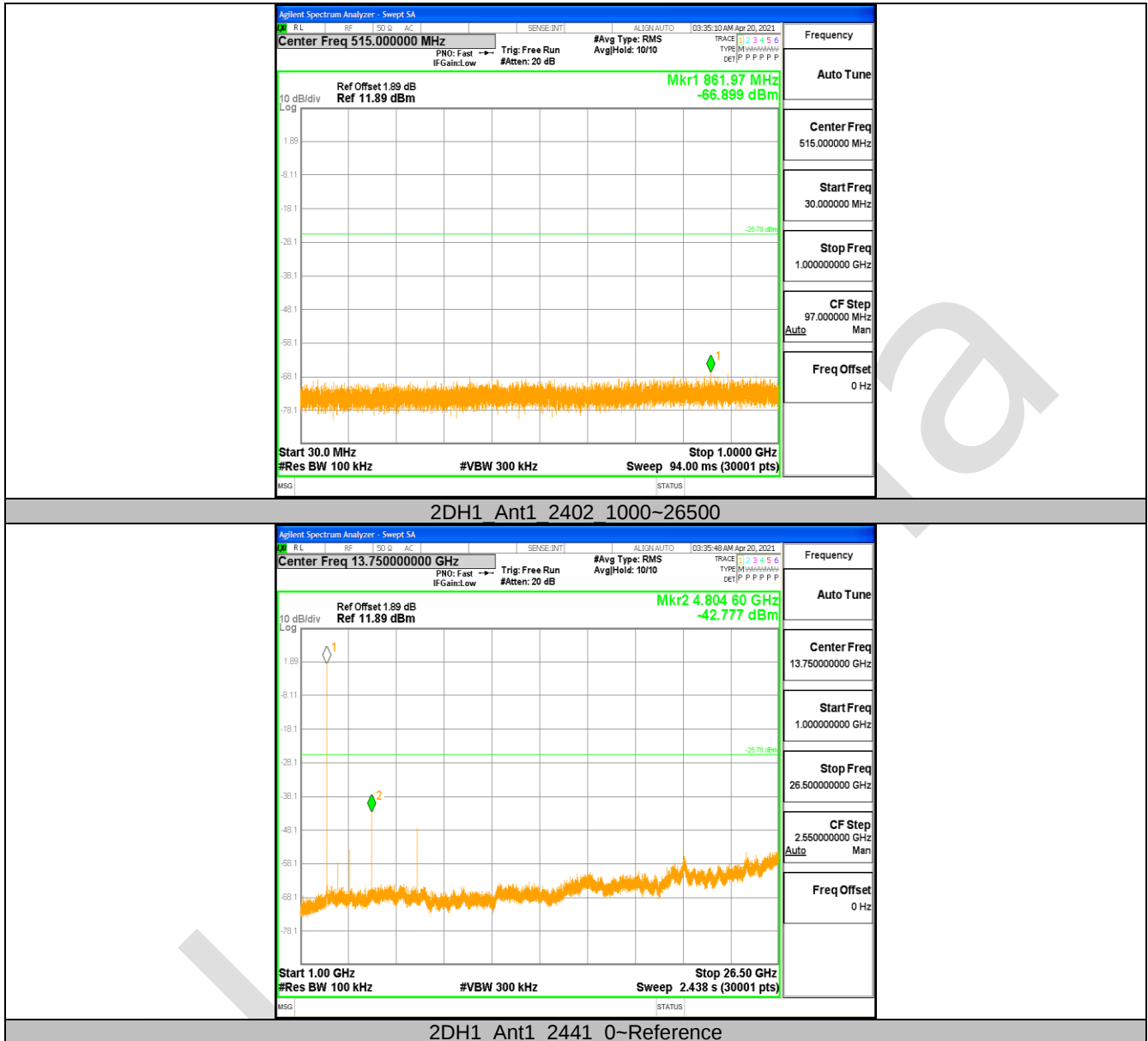


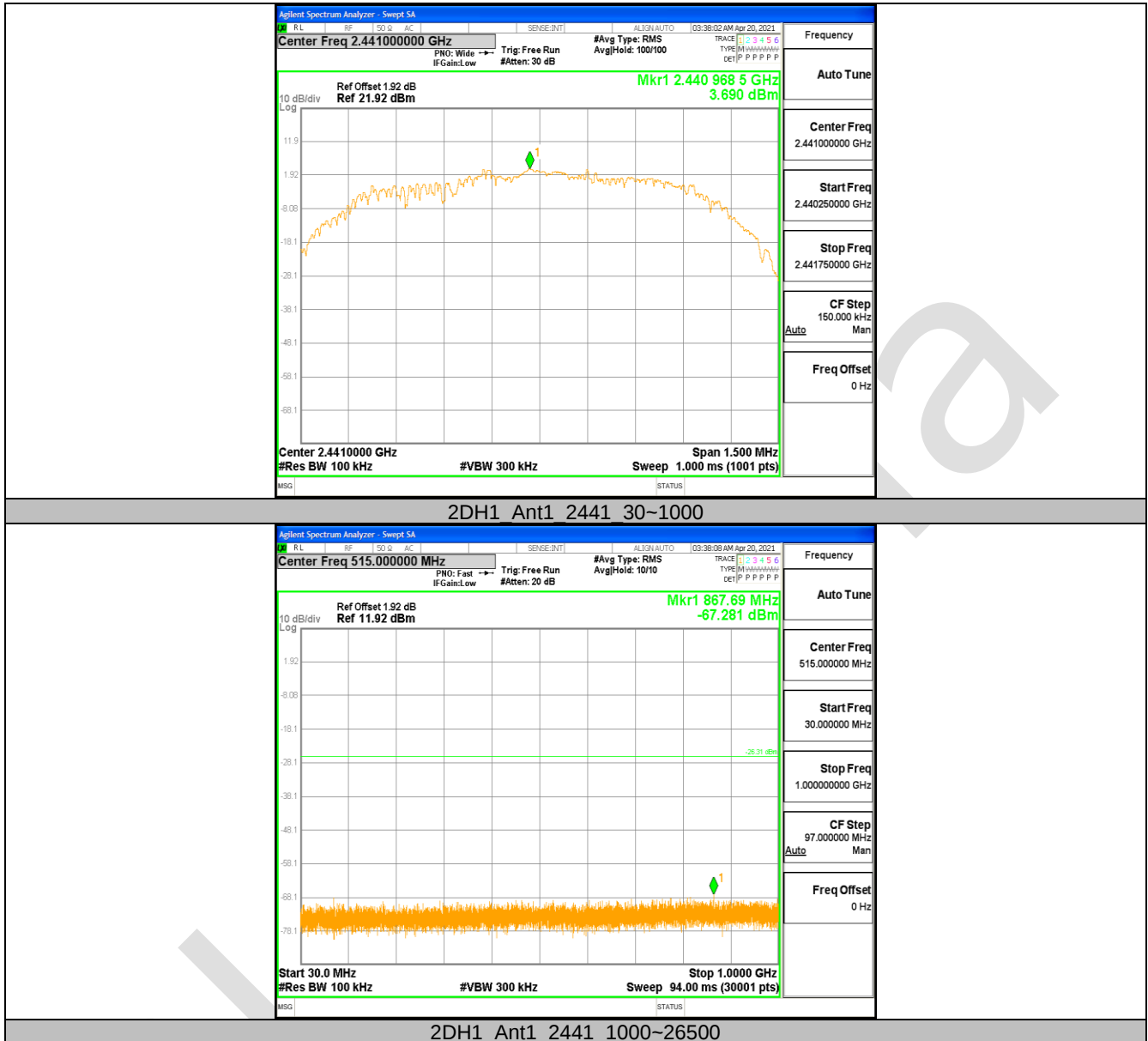


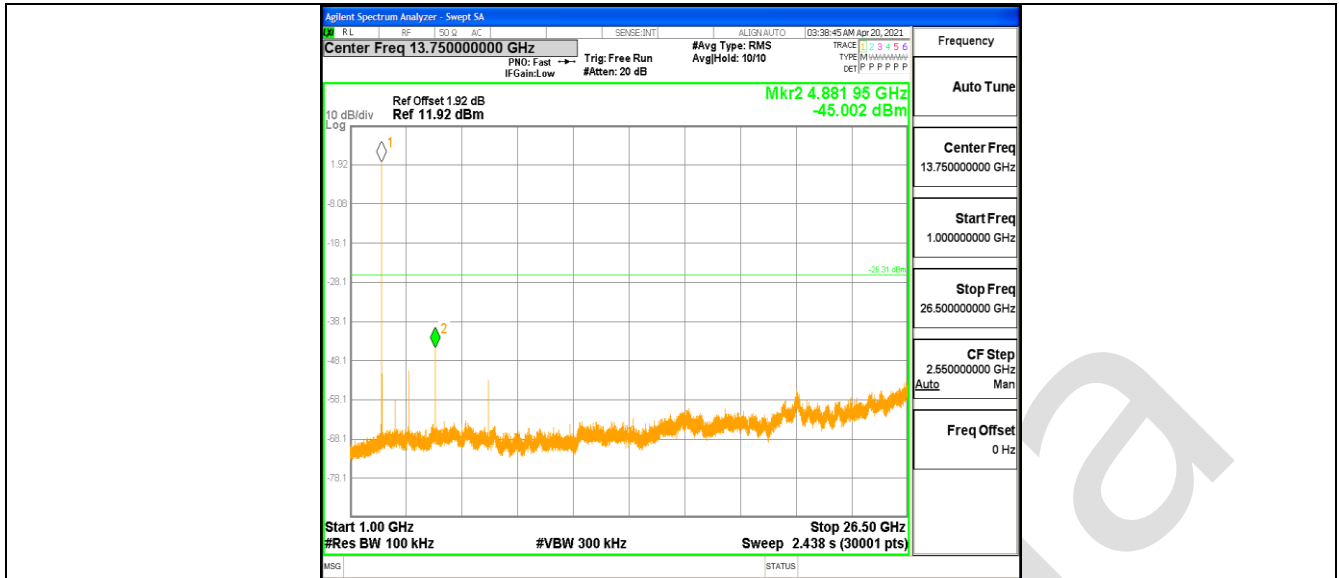
2DH1_Ant1_2402_0-Reference



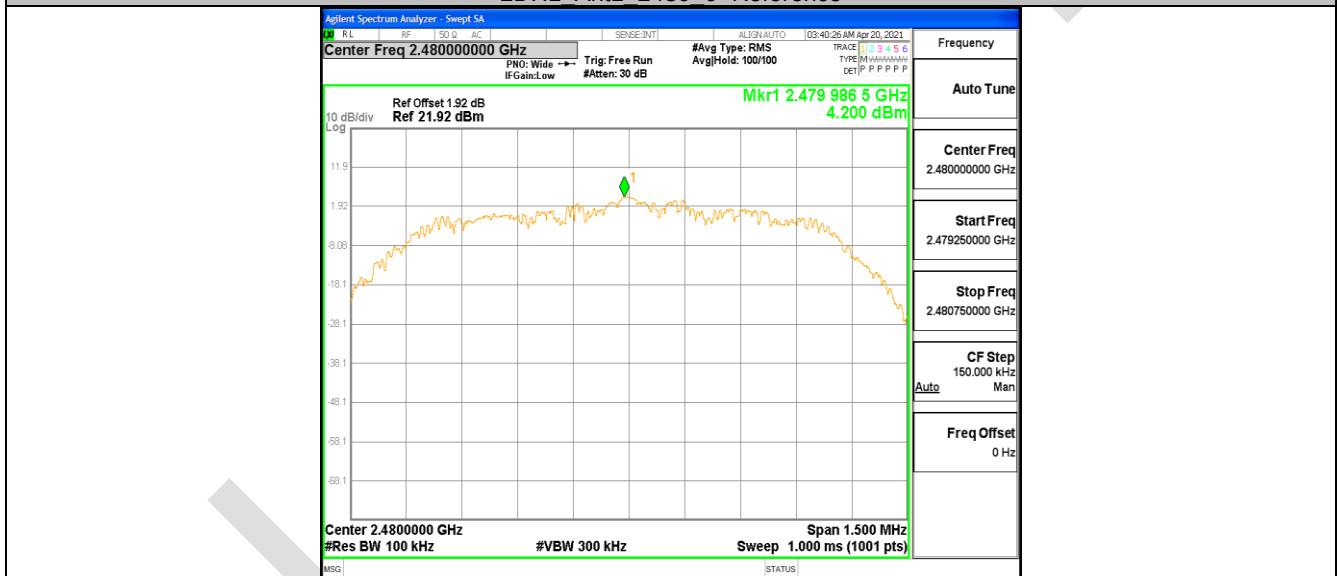
2DH1_Ant1_2402_30~1000



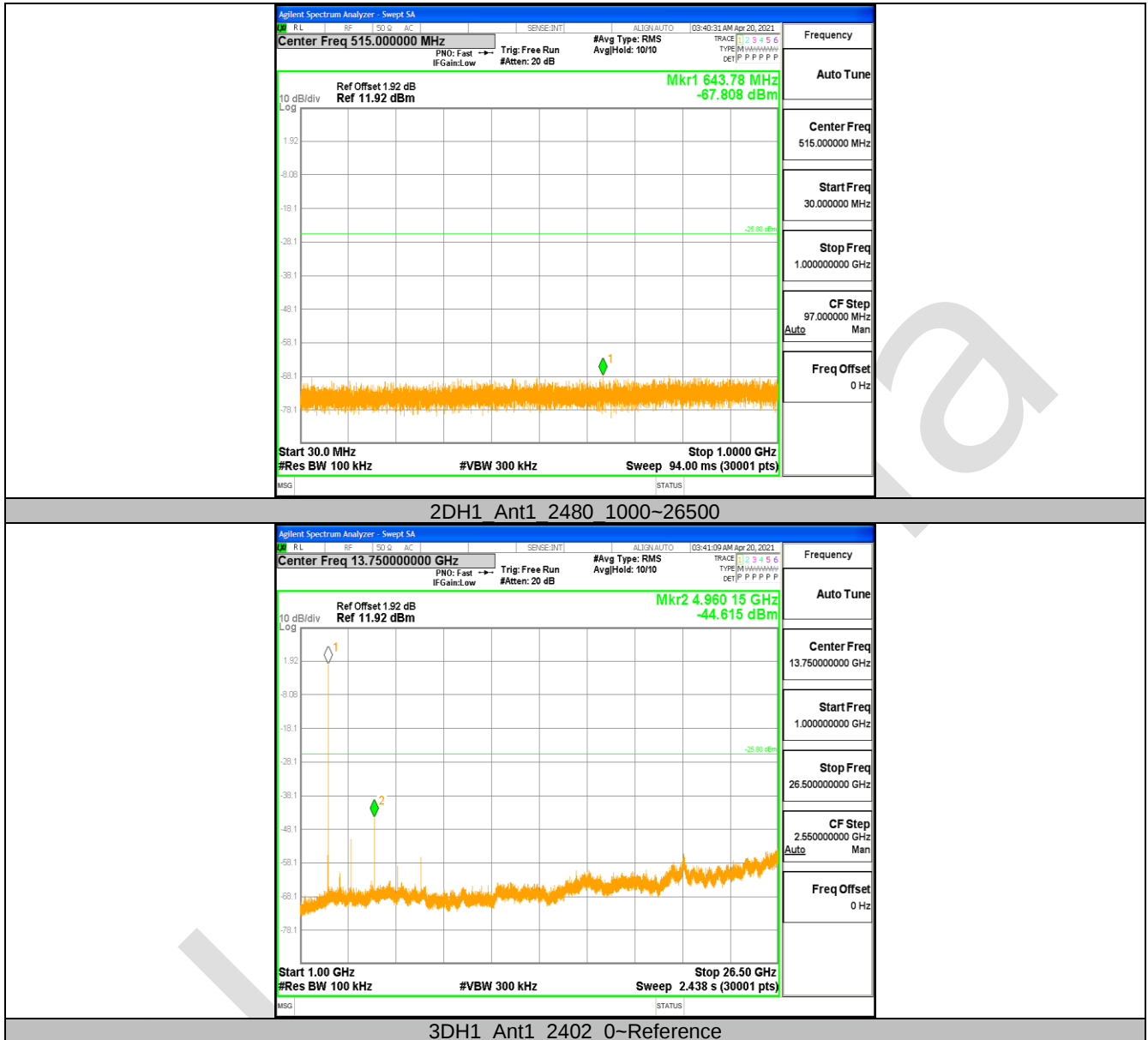


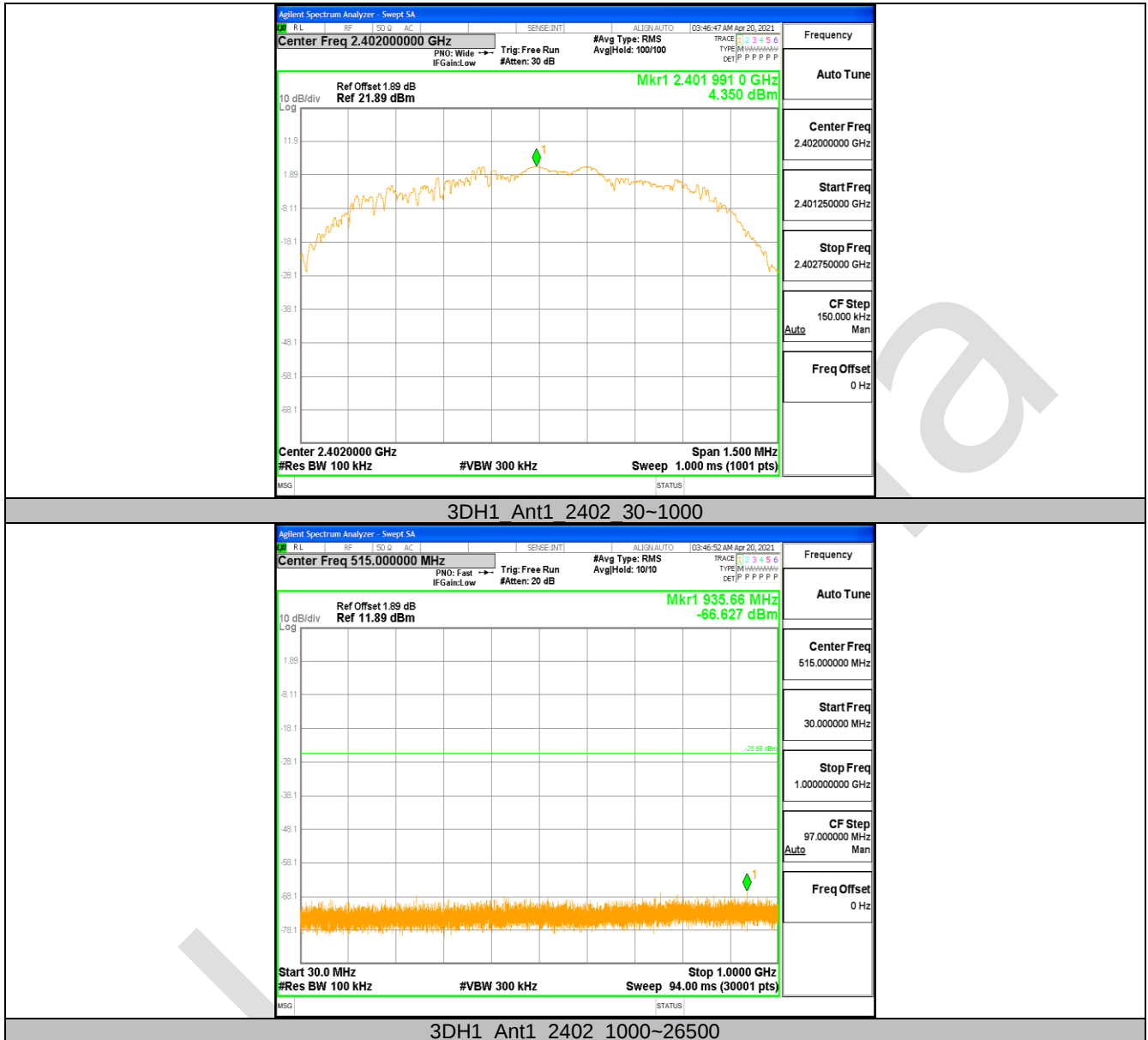


2DH1_Ant1_2480_0-Reference

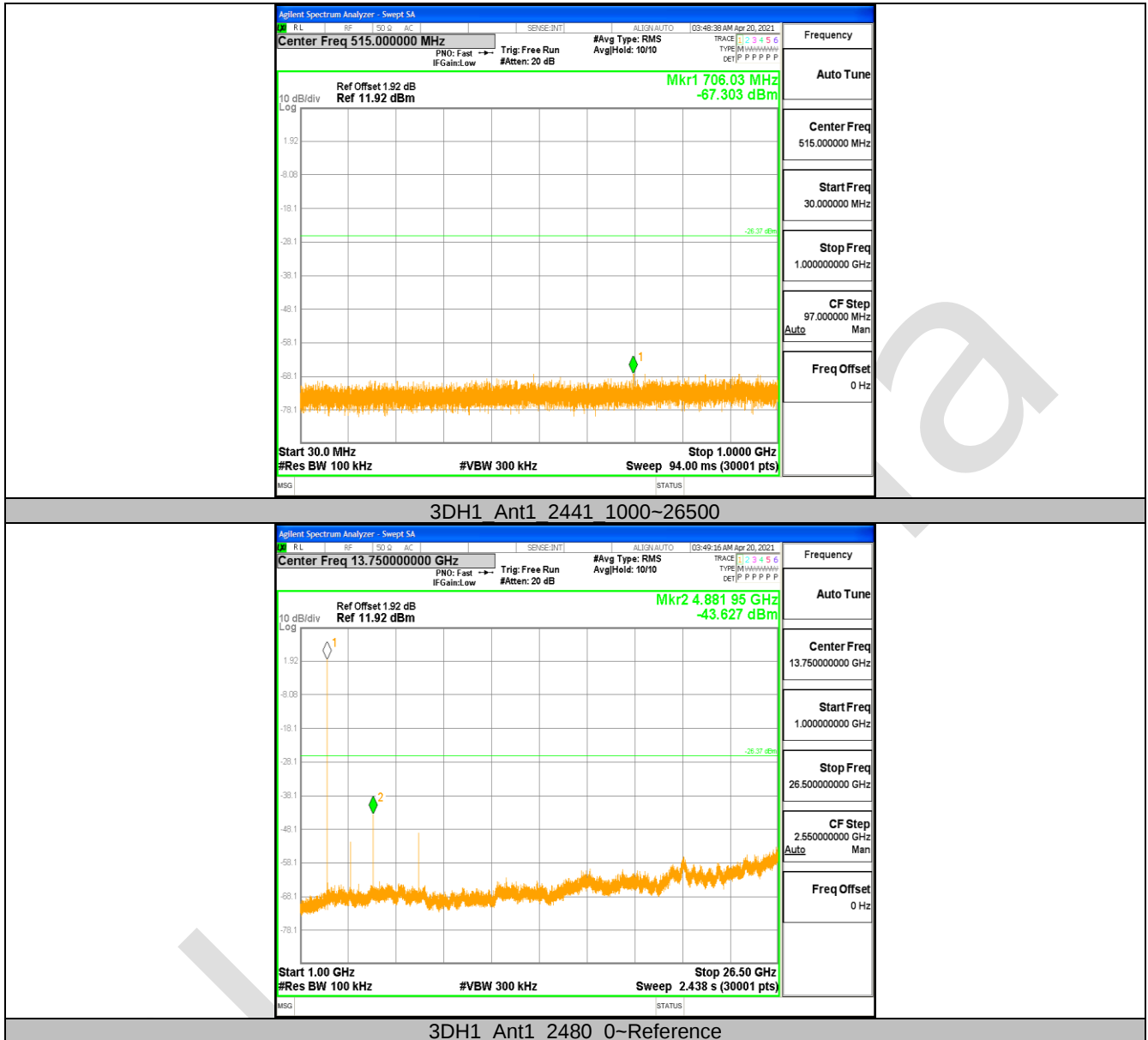


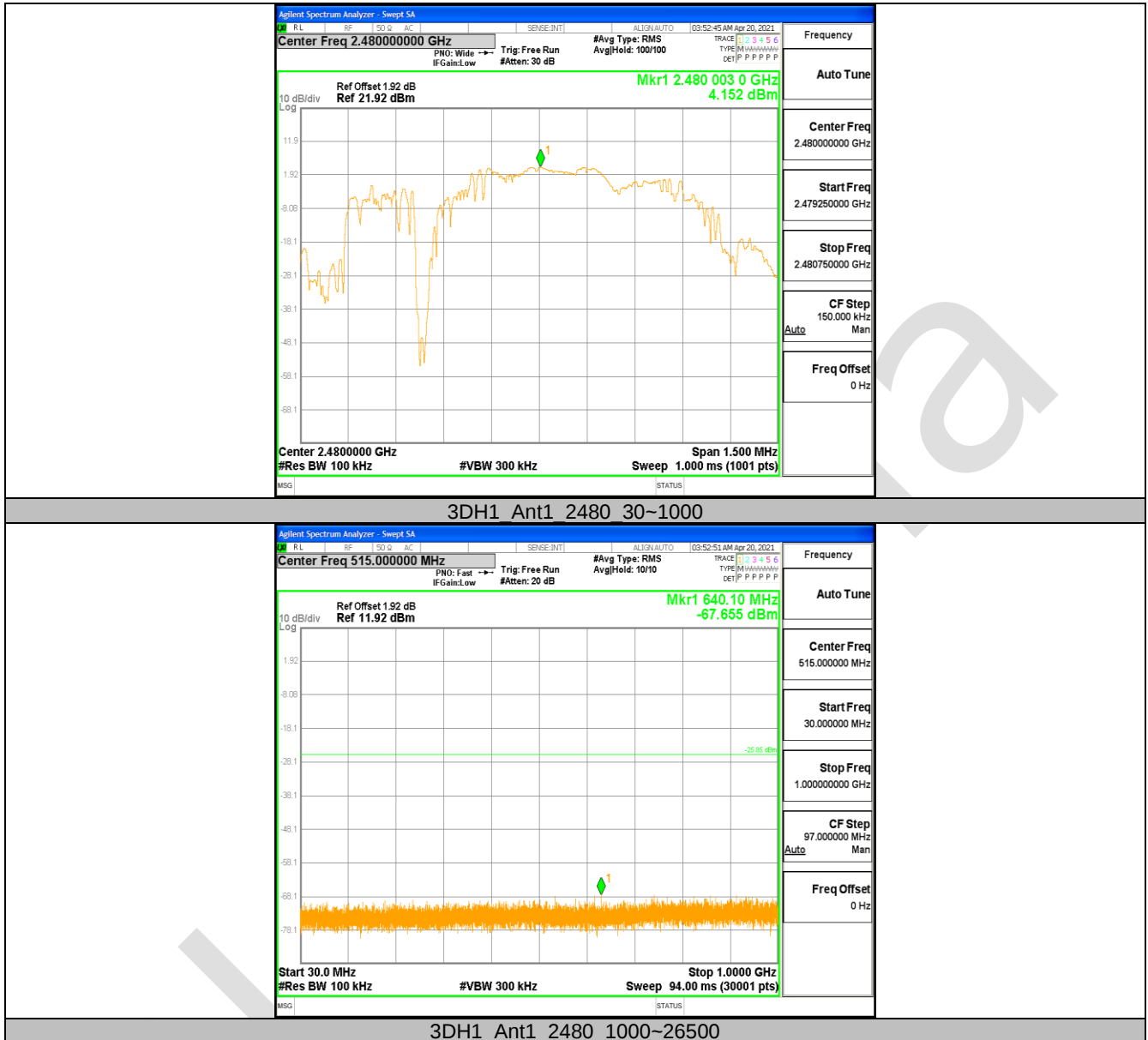
2DH1_Ant1_2480_30-1000

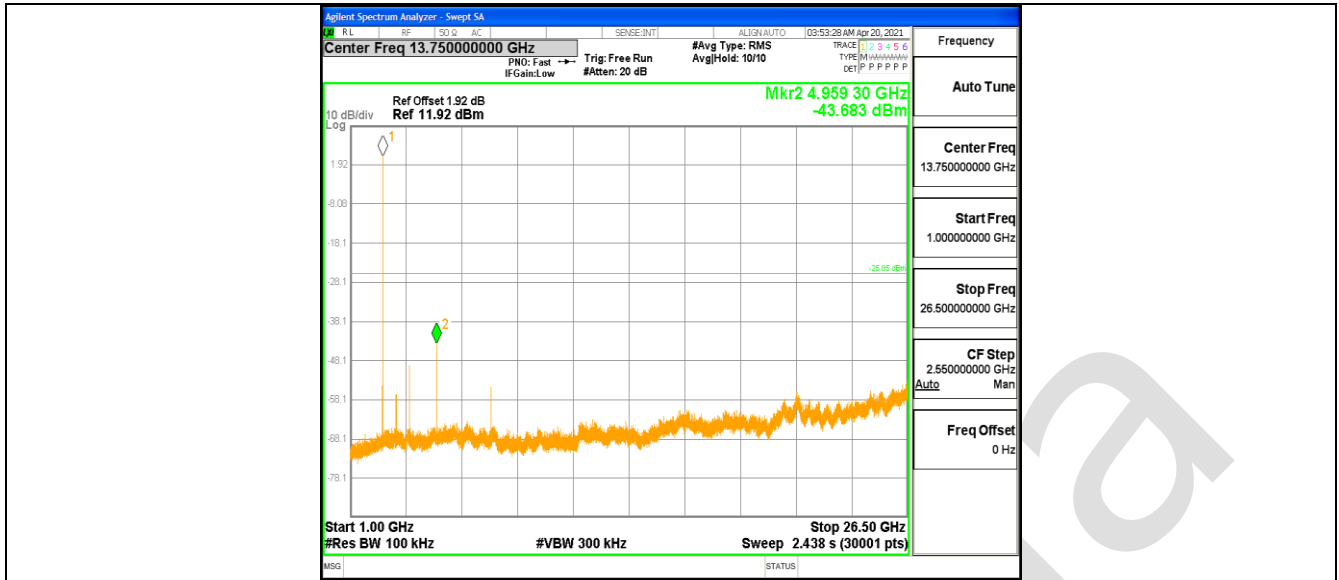










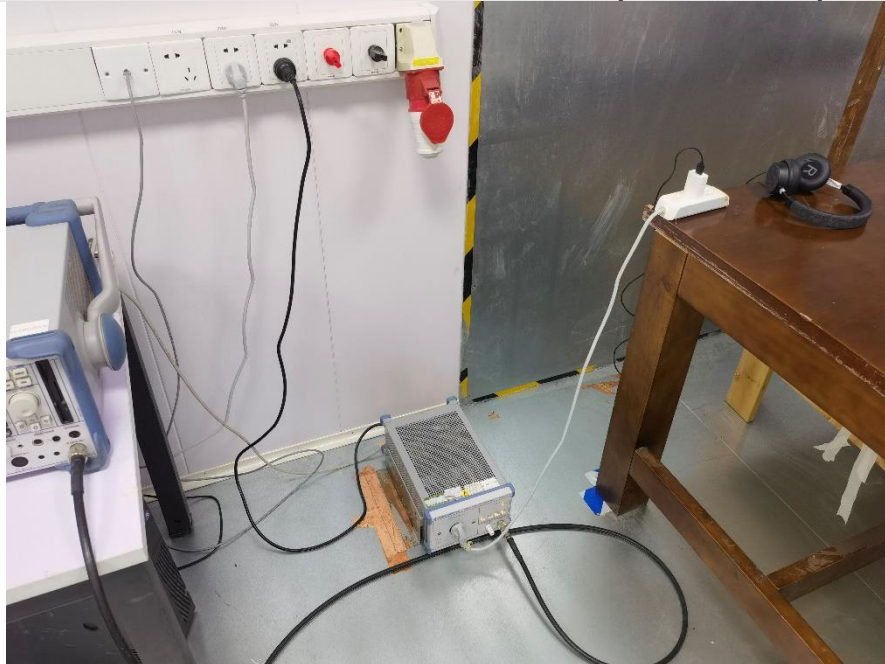


APPENDIX A: PHOTOGRAPHS OF TEST SETUP

Radiated Spurious Emissions



Conducted Emissions at AC Power Line (150kHz-30MHz)



APPENDIX B: PHOTOGRAPHS OF EUT

Reference to the test report No. BLA-EMC-202104-A0201

----END OF REPORT----

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