

12 APPENDIX

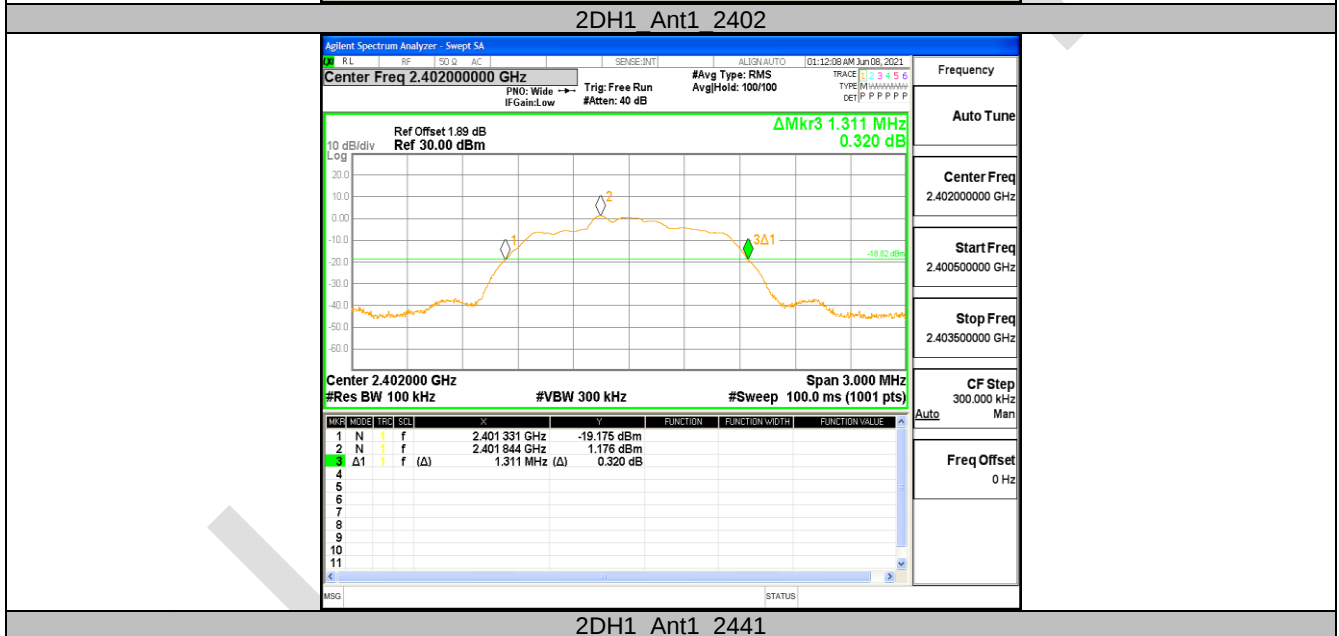
12.1 APPENDIX A: 20DB EMISSION BANDWIDTH

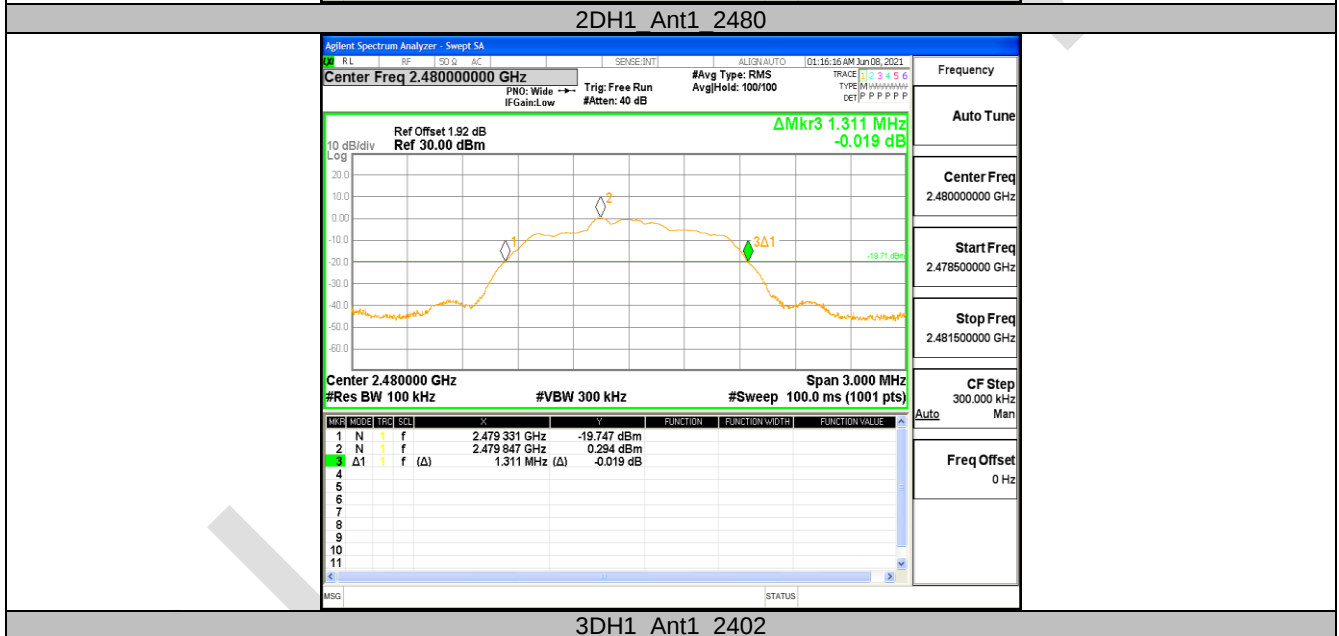
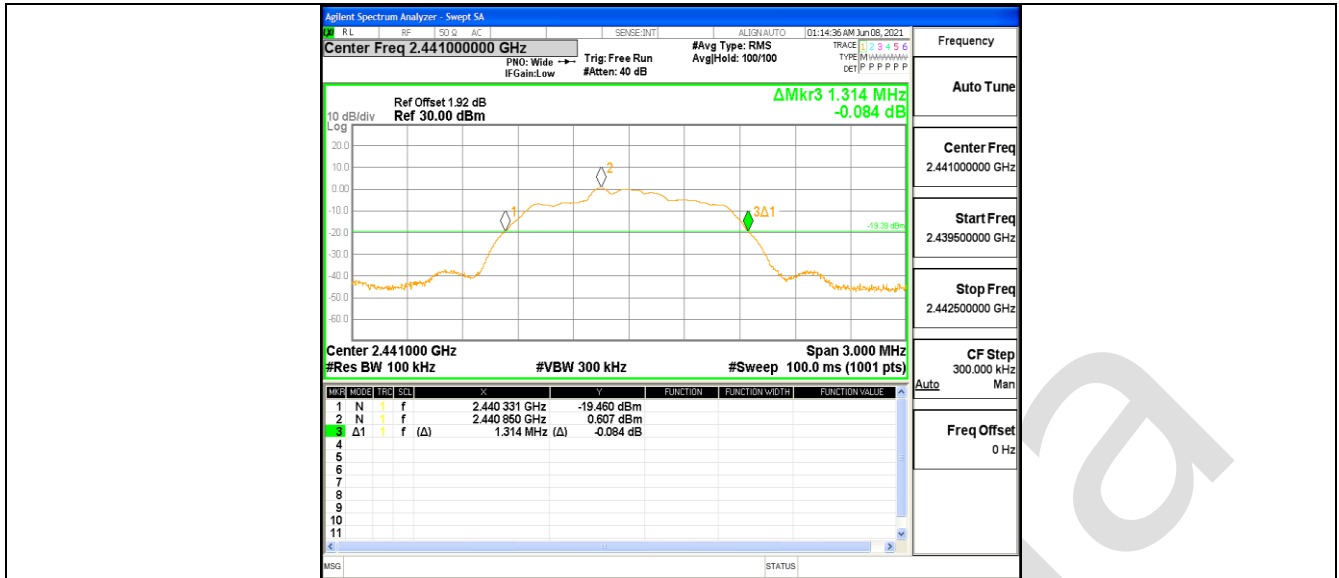
Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	1.098	2401.445	2402.543	---	PASS
		2441	1.098	2440.448	2441.546	---	PASS
		2480	1.101	2479.445	2480.546	---	PASS
2DH1	Ant1	2402	1.311	2401.331	2402.642	---	PASS
		2441	1.314	2440.331	2441.645	---	PASS
		2480	1.311	2479.331	2480.642	---	PASS
3DH1	Ant1	2402	1.299	2401.349	2402.648	---	PASS
		2441	1.296	2440.352	2441.648	---	PASS
		2480	1.299	2479.346	2480.645	---	PASS

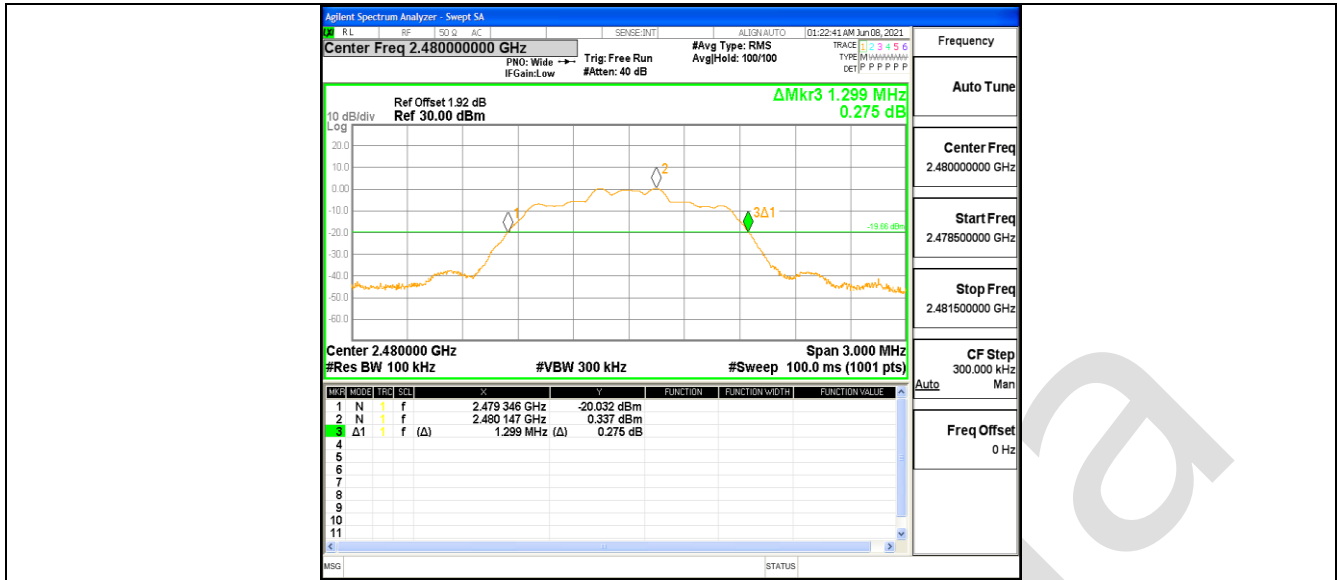
Test Graphs











12.2 APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

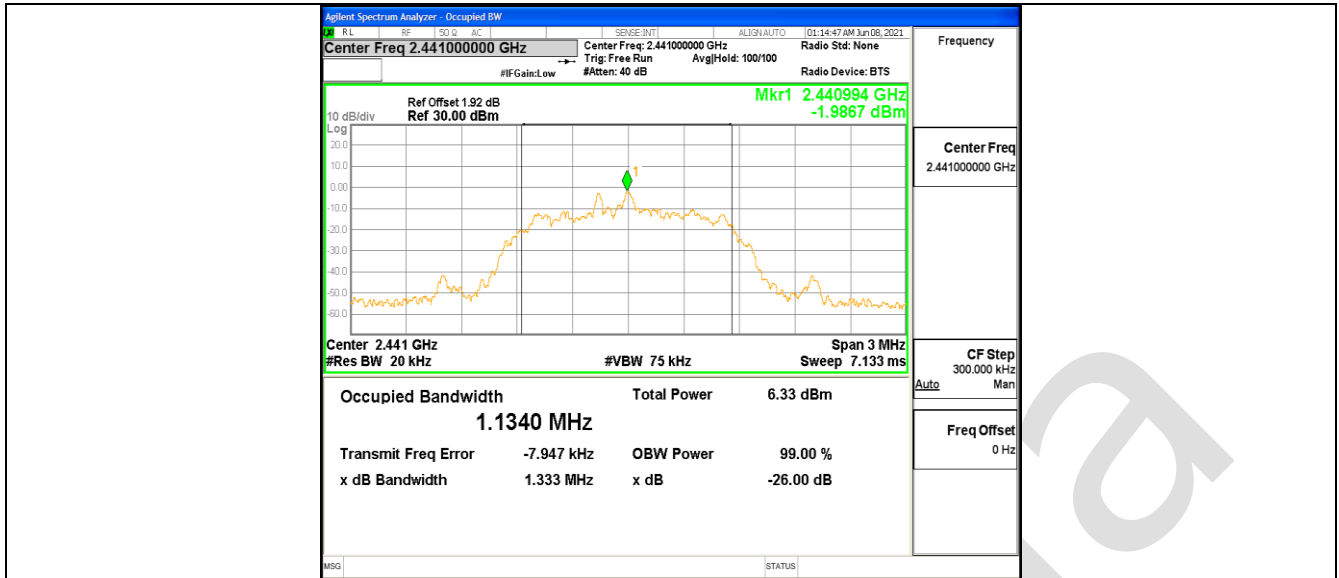
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	0.82098	2401.588	2402.408	---	PASS
		2441	0.81654	2440.589	2441.406	---	PASS
		2480	0.81928	2479.592	2480.411	---	PASS
2DH1	Ant1	2402	1.1305	2401.429	2402.560	---	PASS
		2441	1.1340	2440.425	2441.559	---	PASS
		2480	1.1336	2479.426	2480.560	---	PASS
3DH1	Ant1	2402	1.1221	2401.443	2402.565	---	PASS
		2441	1.1148	2440.446	2441.560	---	PASS
		2480	1.1176	2479.443	2480.561	---	PASS

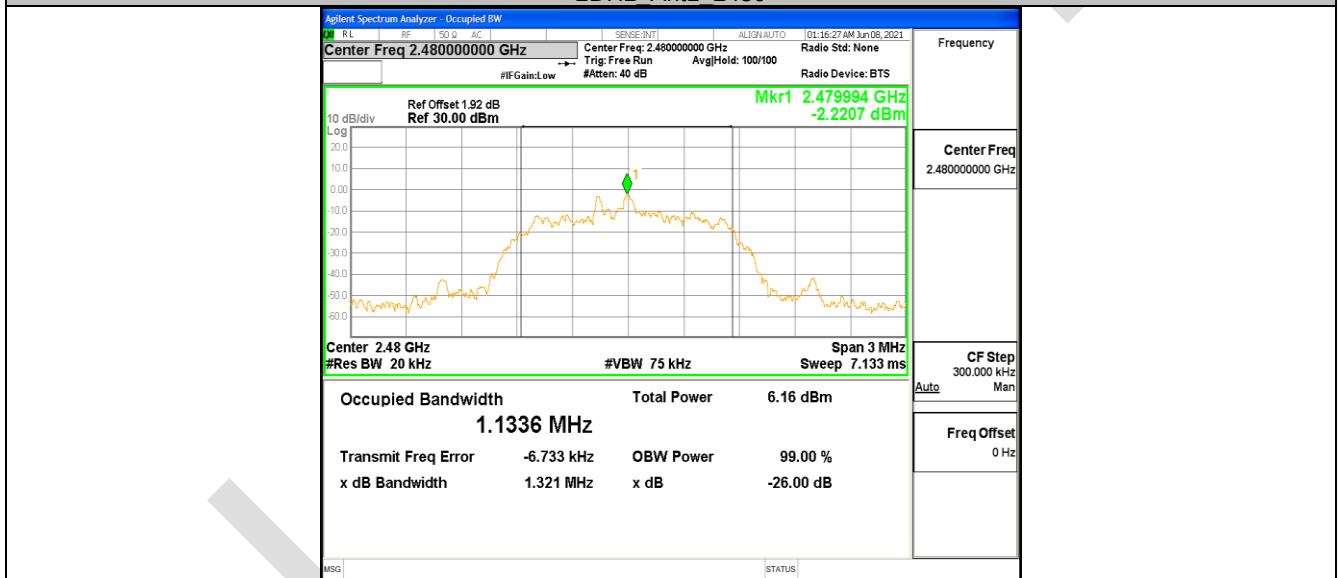
Test Graphs







2DH1_Ant1_2480



3DH1_Ant1_2402



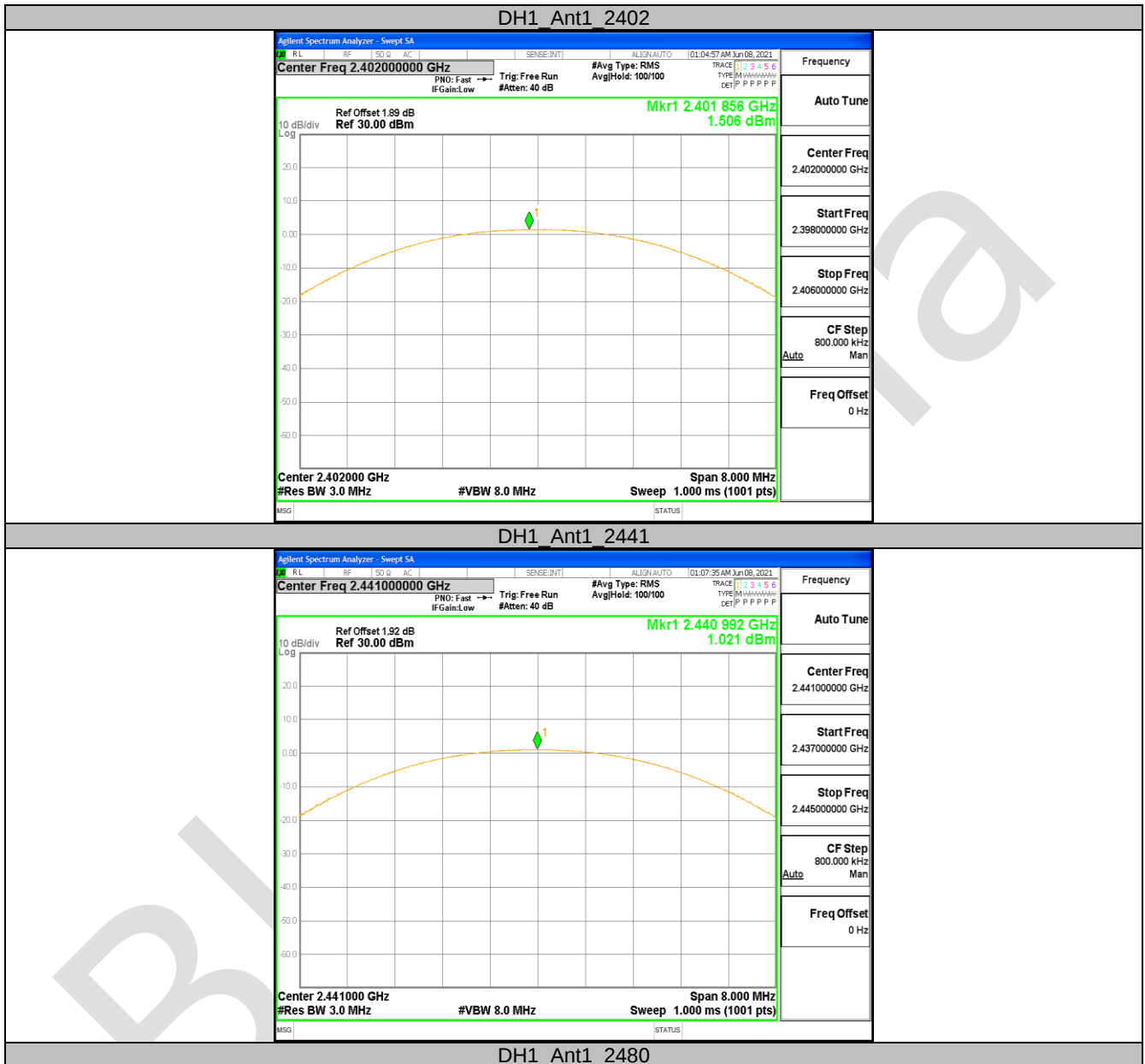


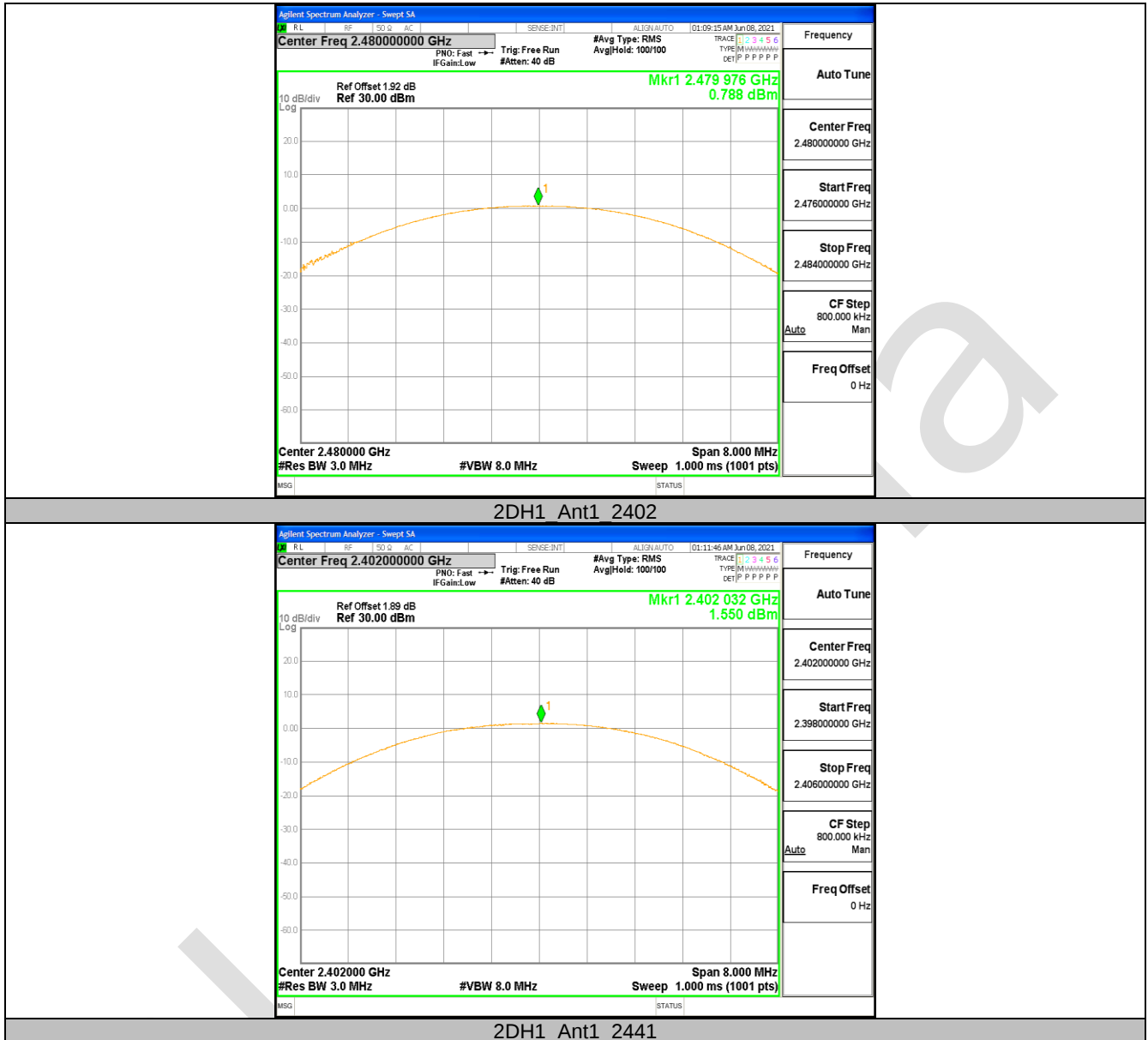
12.3 APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

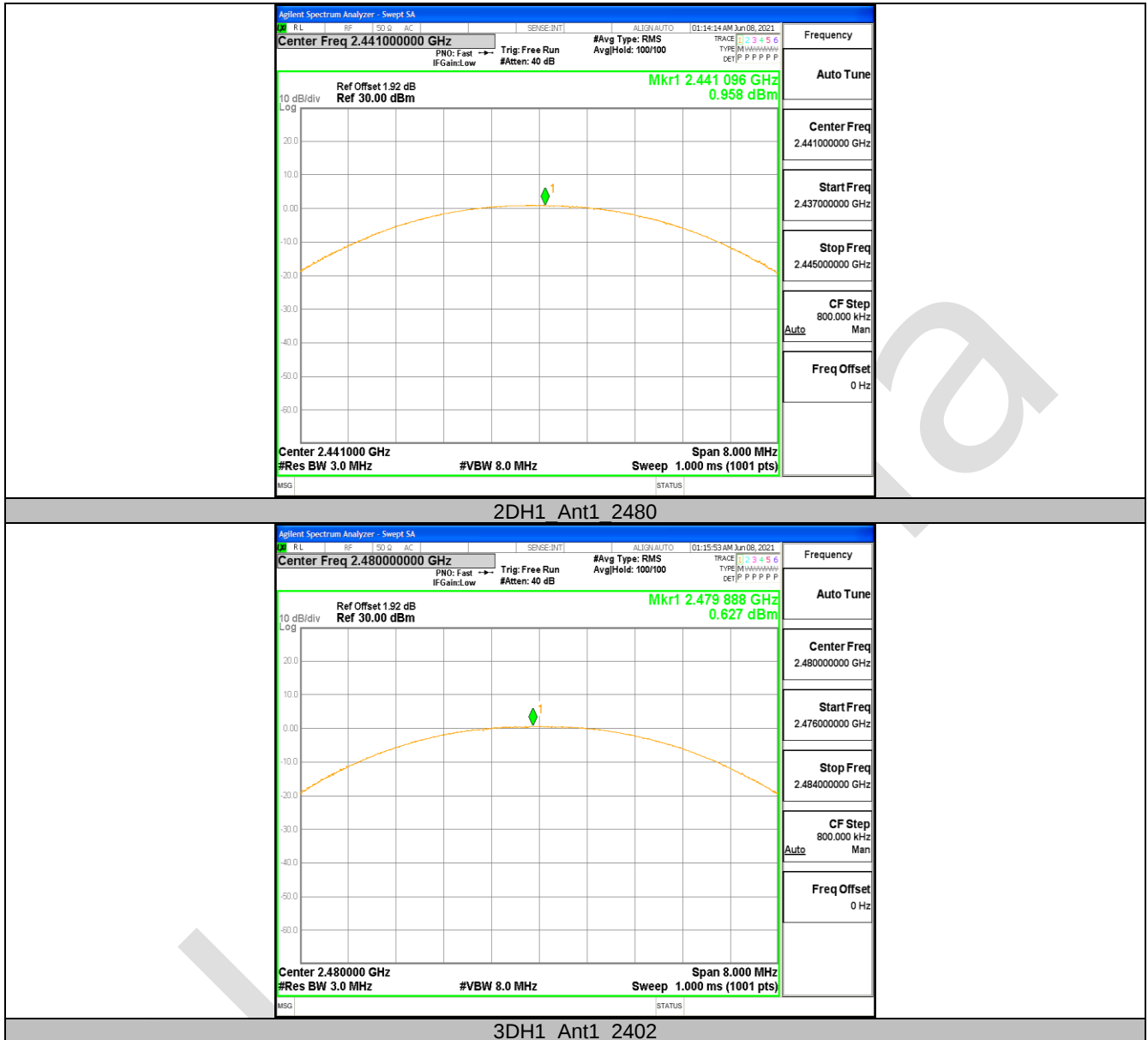
Test Result

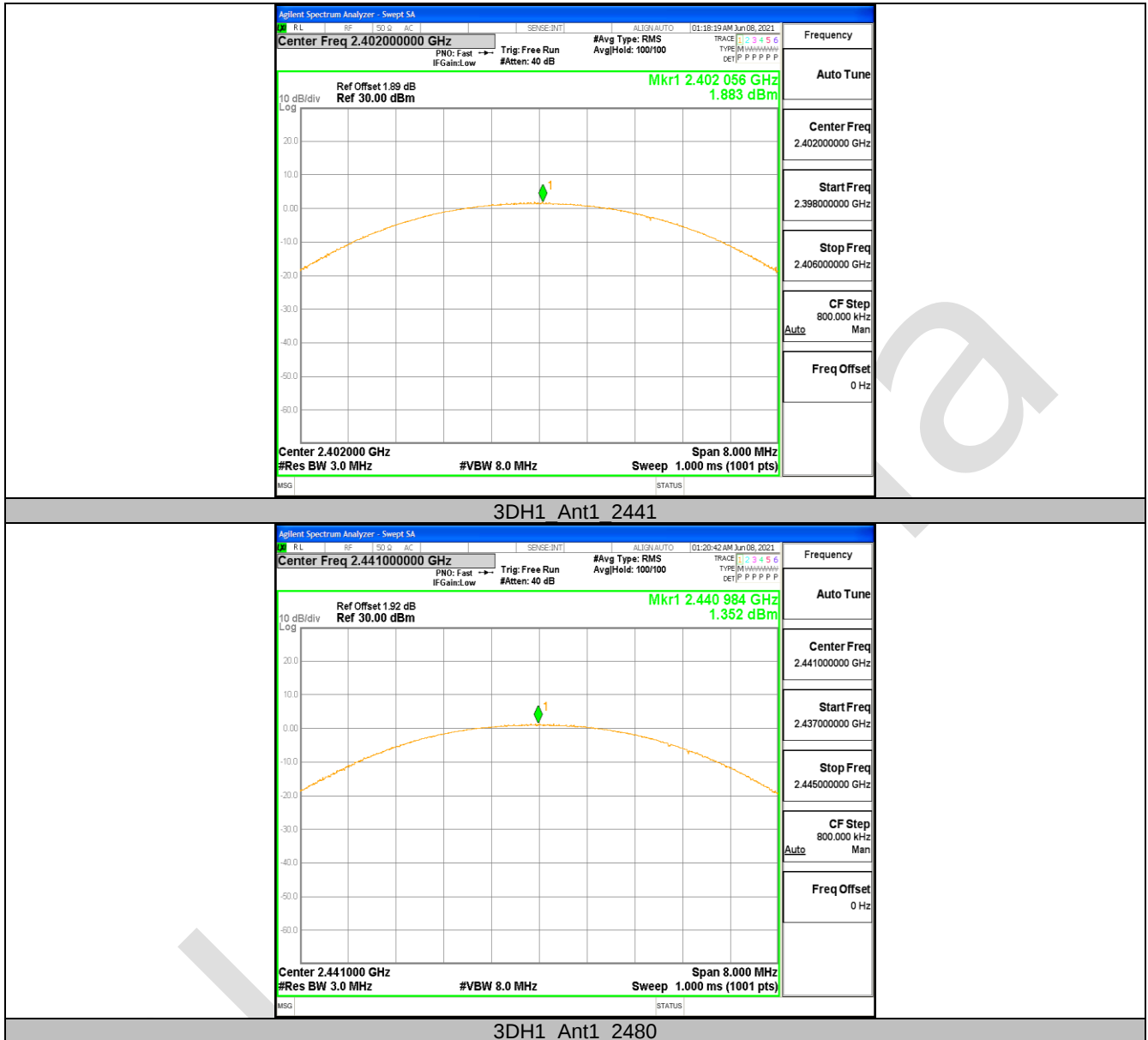
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH1	Ant1	2402	1.51	<=30	PASS
		2441	1.02	<=20.97	PASS
		2480	0.79	<=20.97	PASS
2DH1	Ant1	2402	1.55	<=30	PASS
		2441	0.96	<=20.97	PASS
		2480	0.63	<=20.97	PASS
3DH1	Ant1	2402	1.88	<=30	PASS
		2441	1.35	<=20.97	PASS
		2480	0.98	<=20.97	PASS

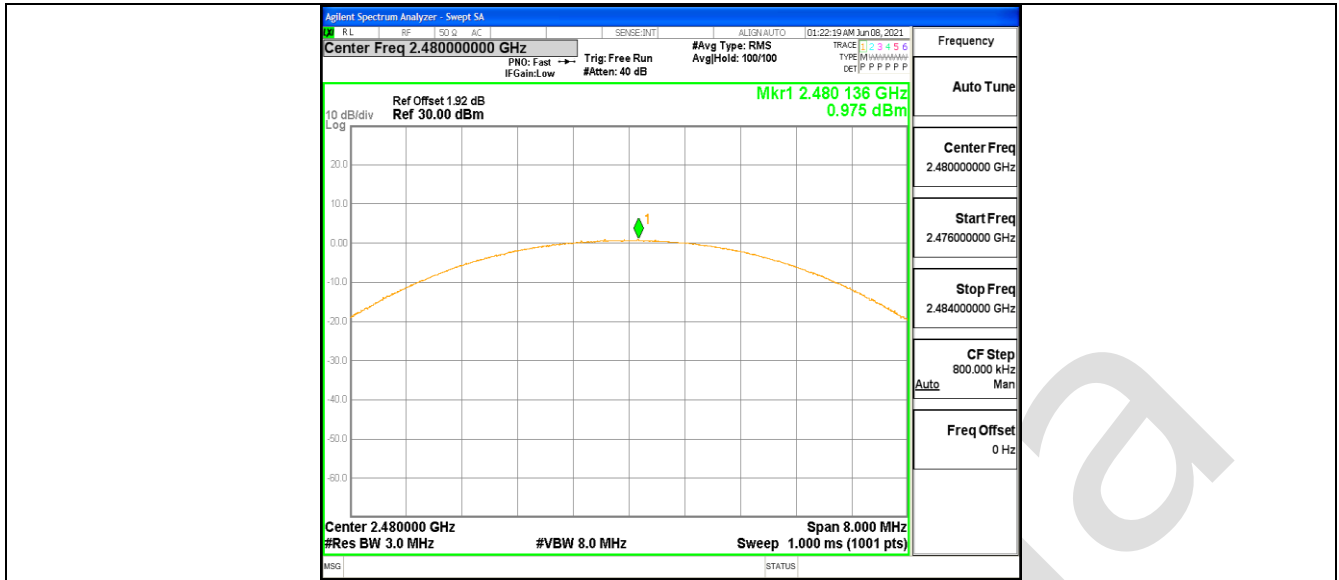
Test Graphs











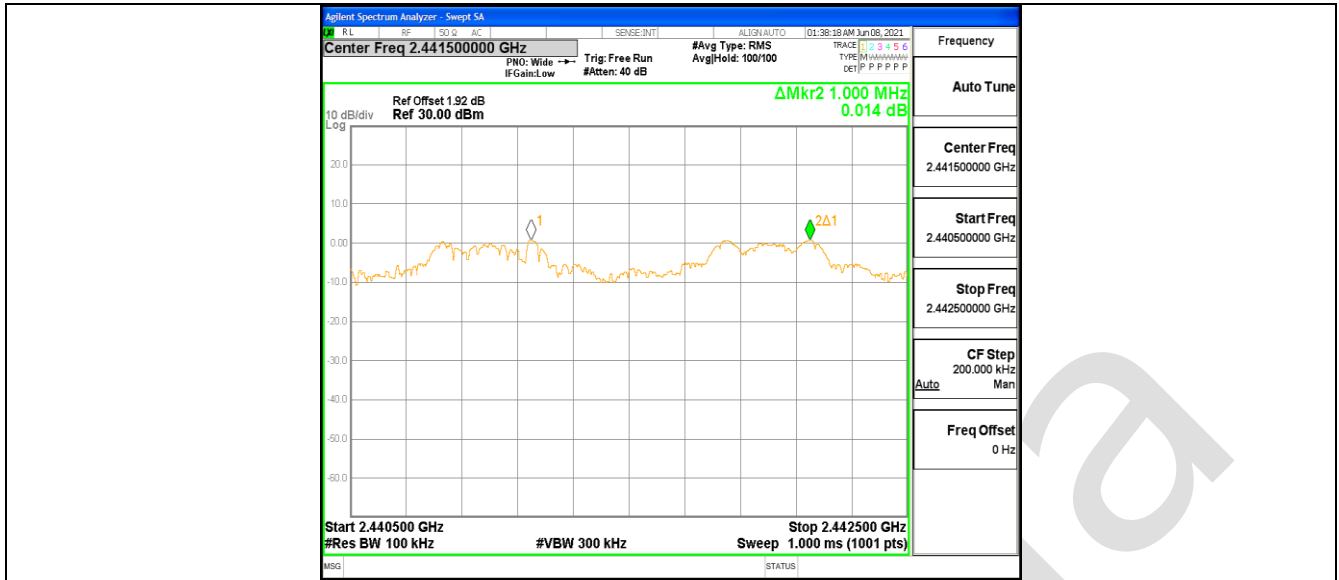
12.4 APPENDIX D: CARRIER FREQUENCY SEPARATION

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop	1	≥ 0.734	PASS
2DH1	Ant1	Hop	1.01	≥ 0.876	PASS
3DH1	Ant1	Hop	1	≥ 0.866	PASS

Test Graphs

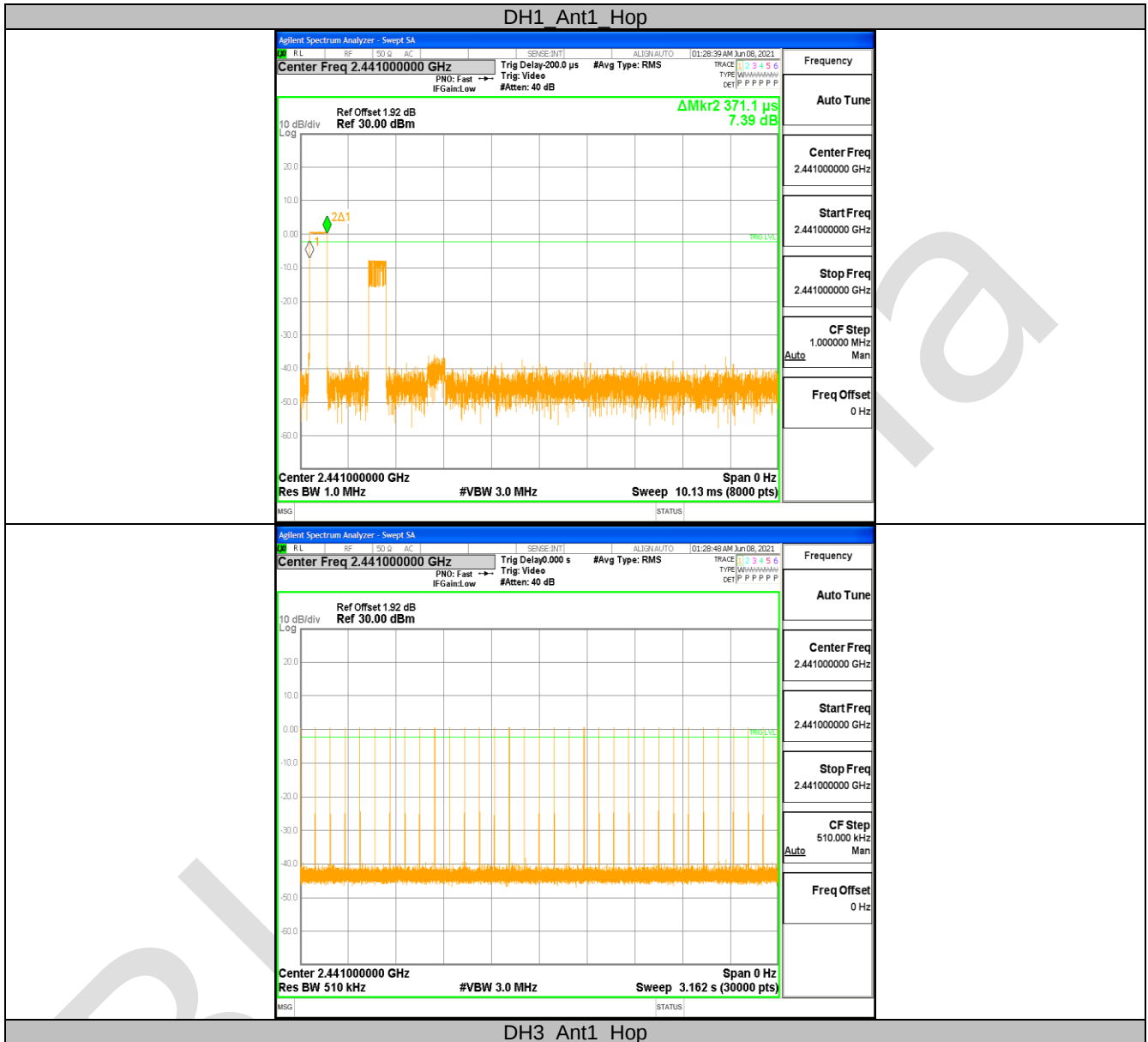




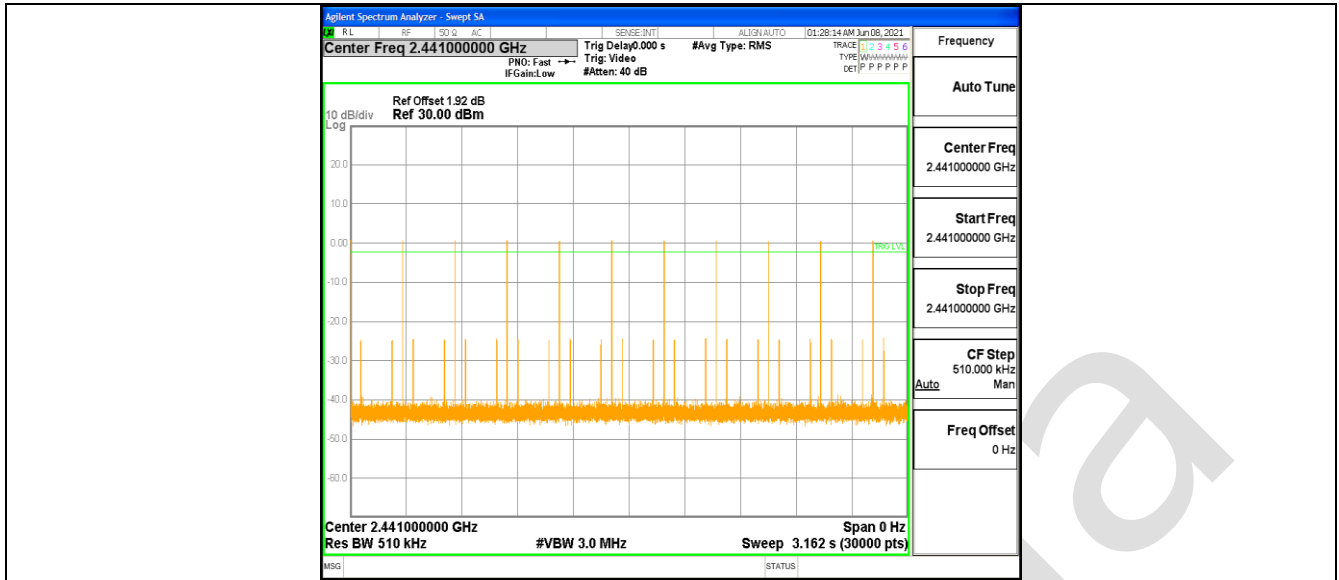
12.5 APPENDIX E: TIME OF OCCUPANCY**Test Result**

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.37	330	0.122	<=0.4	PASS
DH3	Ant1	Hop	1.62	170	0.275	<=0.4	PASS
DH5	Ant1	Hop	2.87	110	0.315	<=0.4	PASS

Test Graphs





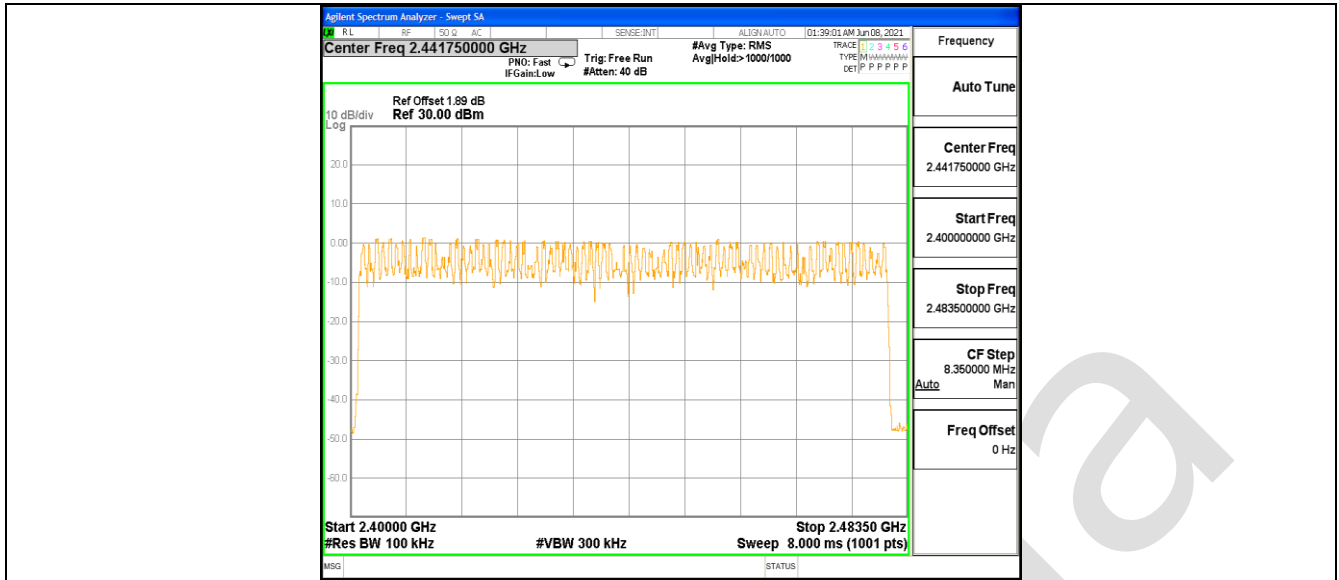


12.6 APPENDIX F: NUMBER OF HOPPING CHANNELS**Test Result**

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





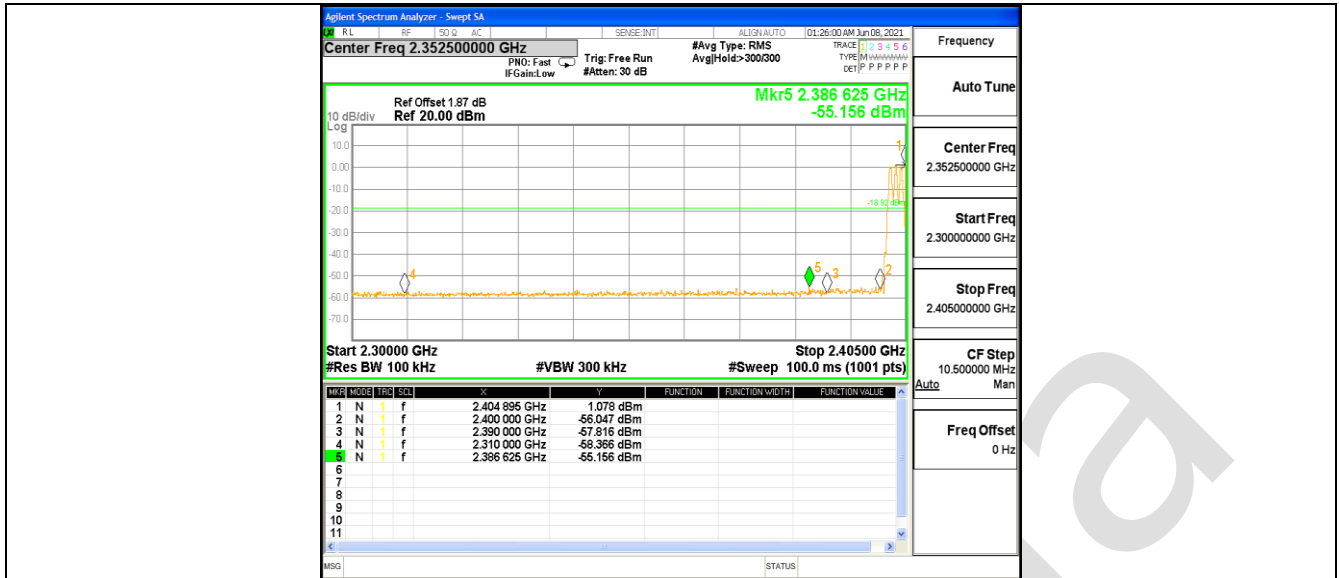
12.7 APPENDIX G: BAND EDGE MEASUREMENTS

Test Result

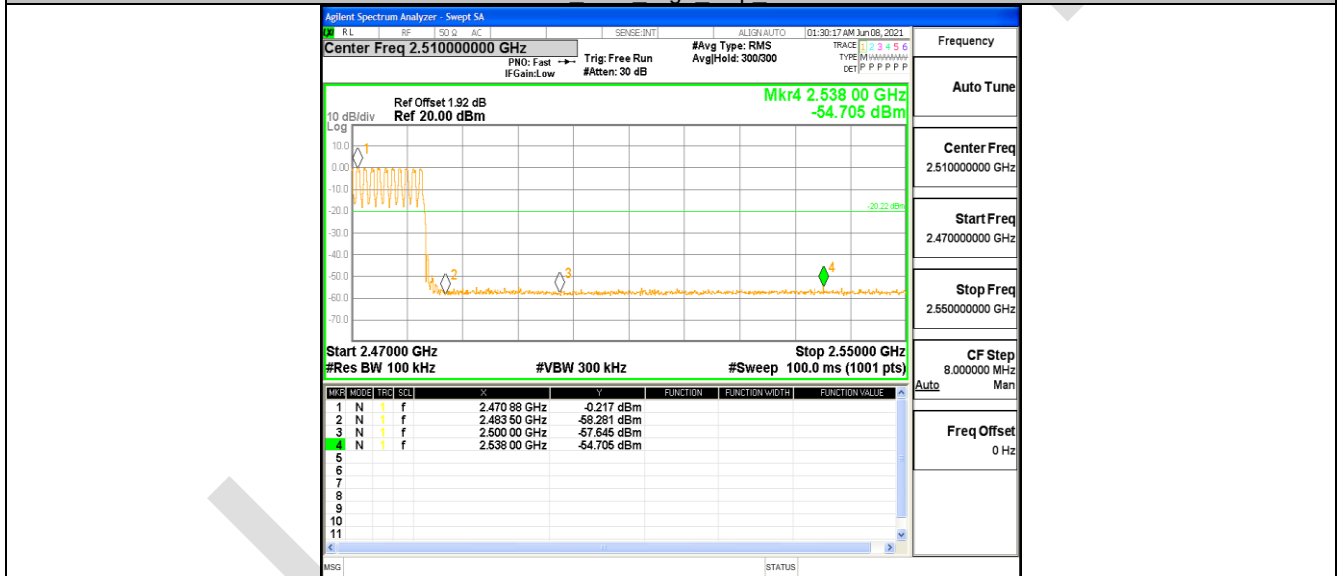
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	Low	2402	1.10	-53.09	<=-18.9	PASS
		High	2480	0.36	-54.39	<=-19.65	PASS
		Low	Hop_2402	1.08	-55.16	<=-18.92	PASS
		High	Hop_2480	-0.22	-54.71	<=-20.22	PASS
2DH1	Ant1	Low	2402	1.07	-53.48	<=-18.93	PASS
		High	2480	0.25	-54.42	<=-19.75	PASS
		Low	Hop_2402	0.63	-53.57	<=-19.38	PASS
		High	Hop_2480	-0.24	-53.81	<=-20.24	PASS
3DH1	Ant1	Low	2402	1.08	-53.62	<=-18.92	PASS
		High	2480	0.28	-54.97	<=-19.72	PASS
		Low	Hop_2402	1.07	-54.73	<=-18.93	PASS
		High	Hop_2480	0.48	-54.83	<=-19.52	PASS

Test Graphs

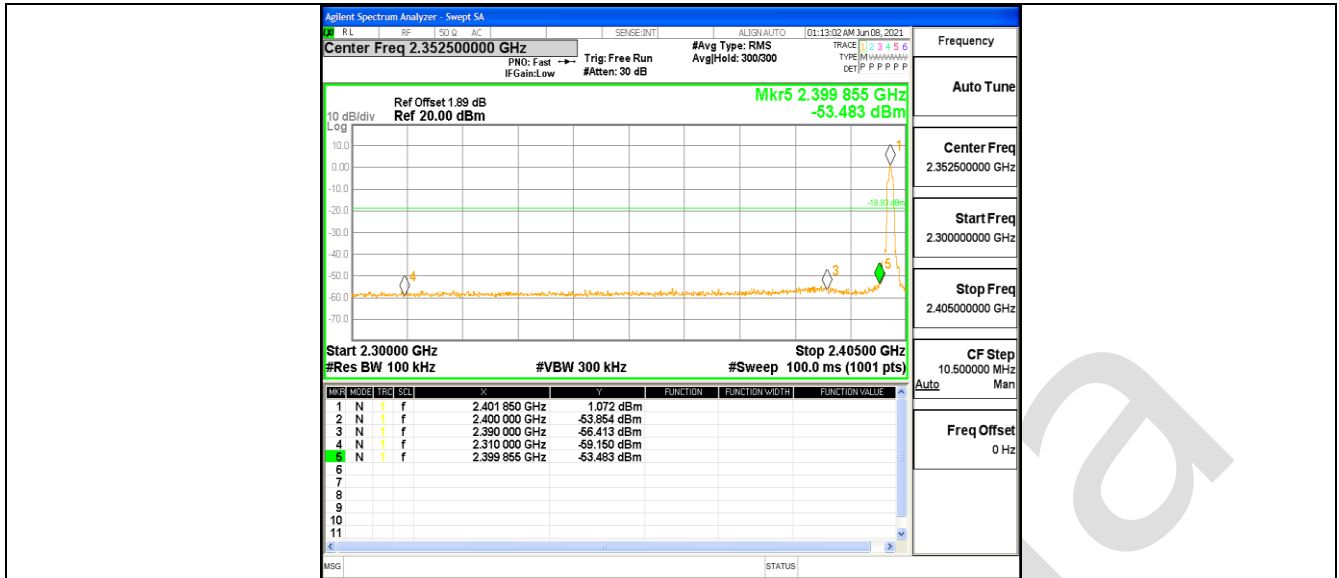




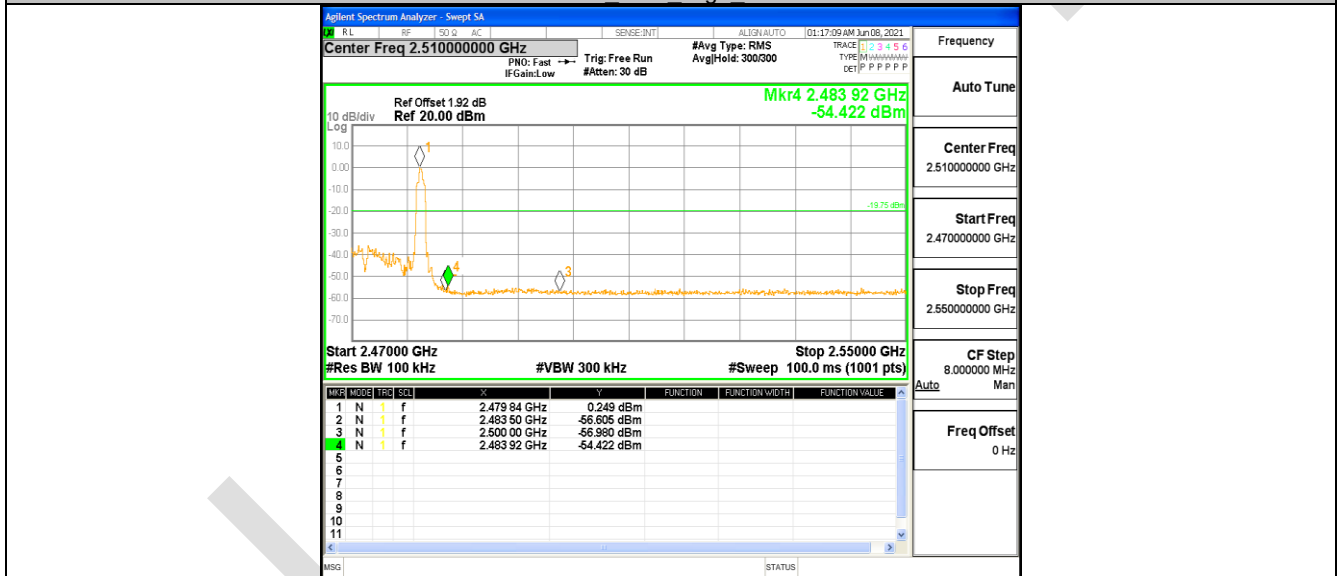
DH1 Ant1 High Hop 2480



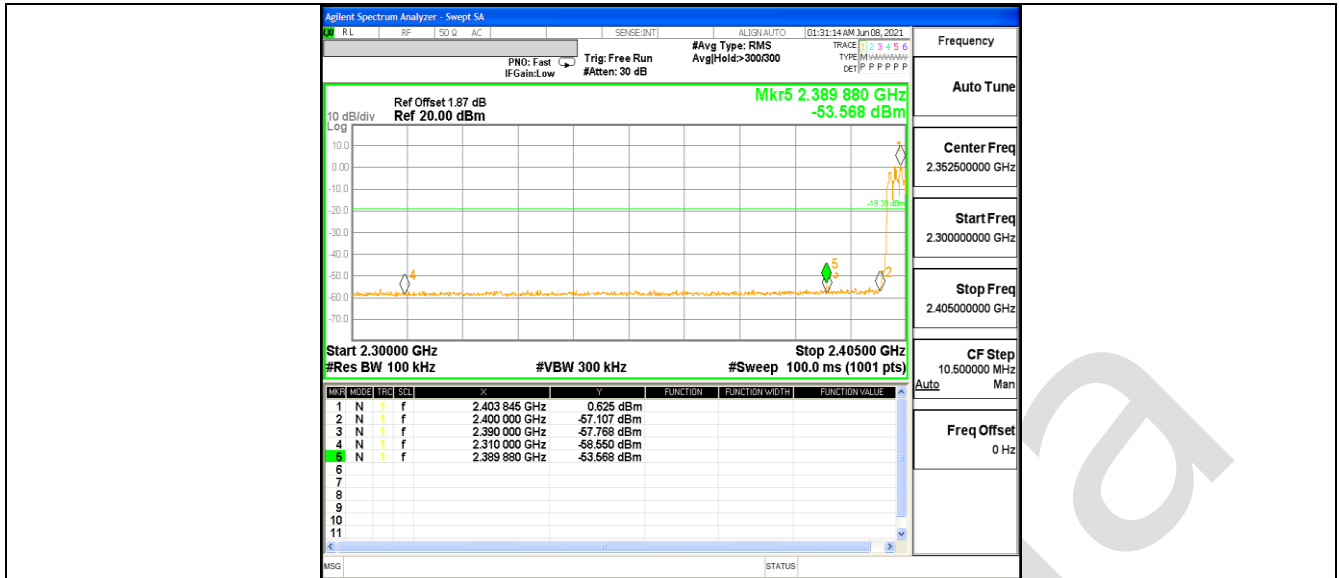
2DH1 Ant1 Low 2402



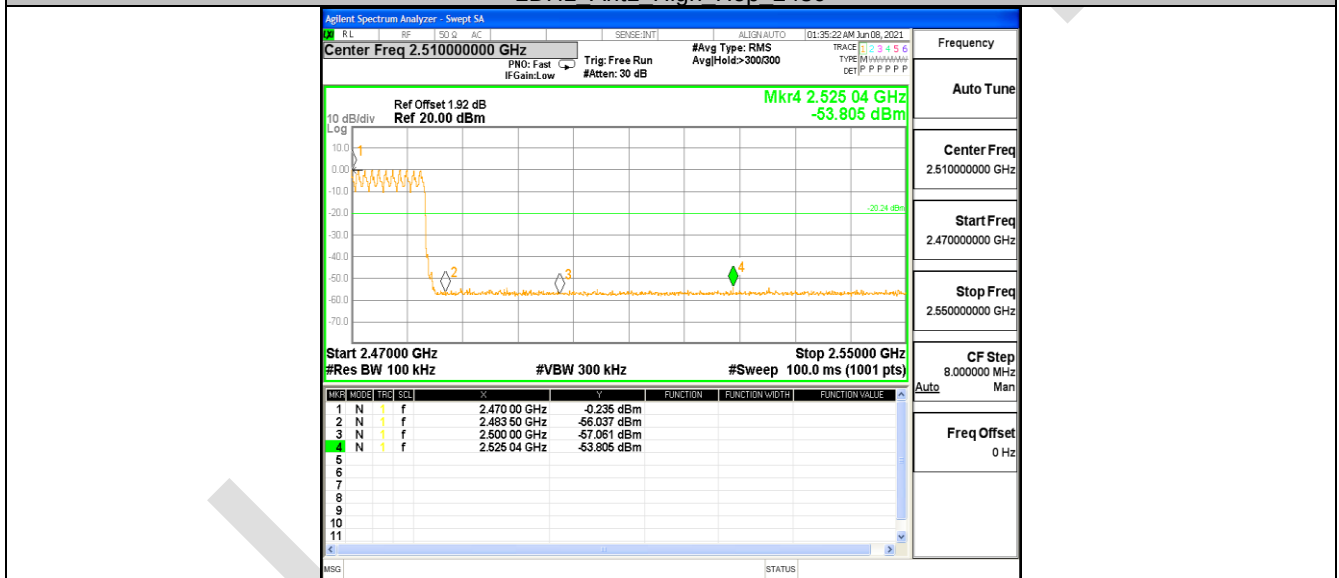
2DH1 Ant1 High 2480



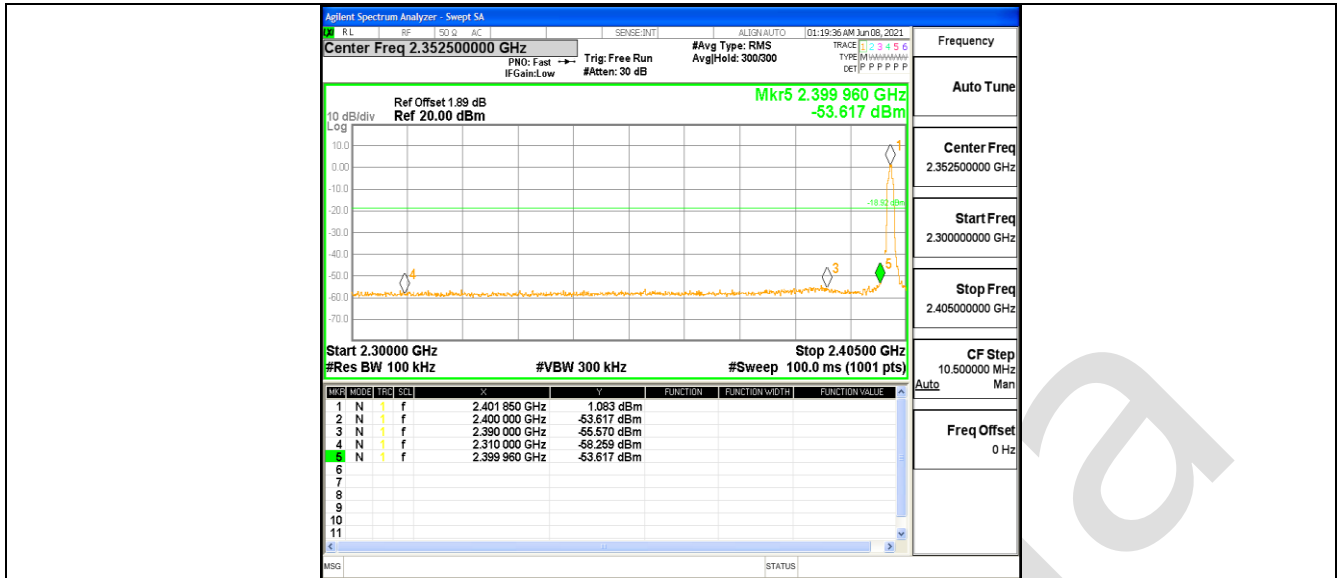
2DH1 Ant1 Low Hop 2402



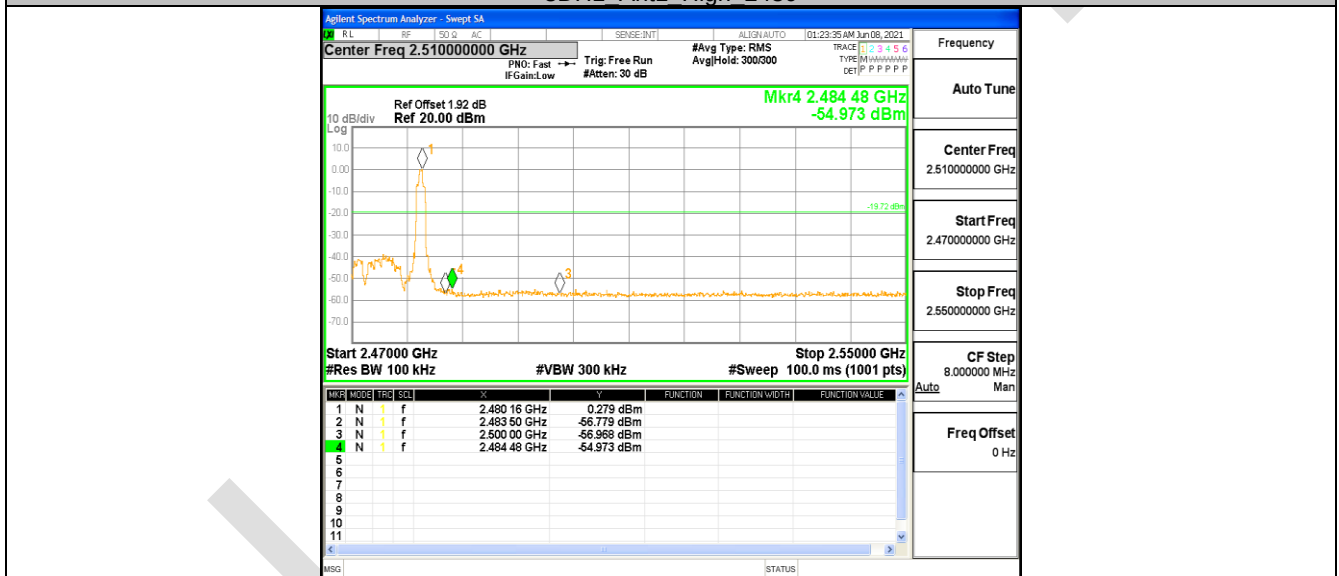
2DH1 Ant1 High Hop 2480



3DH1 Ant1 Low 2402



3DH1 Ant1 High 2480



3DH1 Ant1 Low Hop 2402



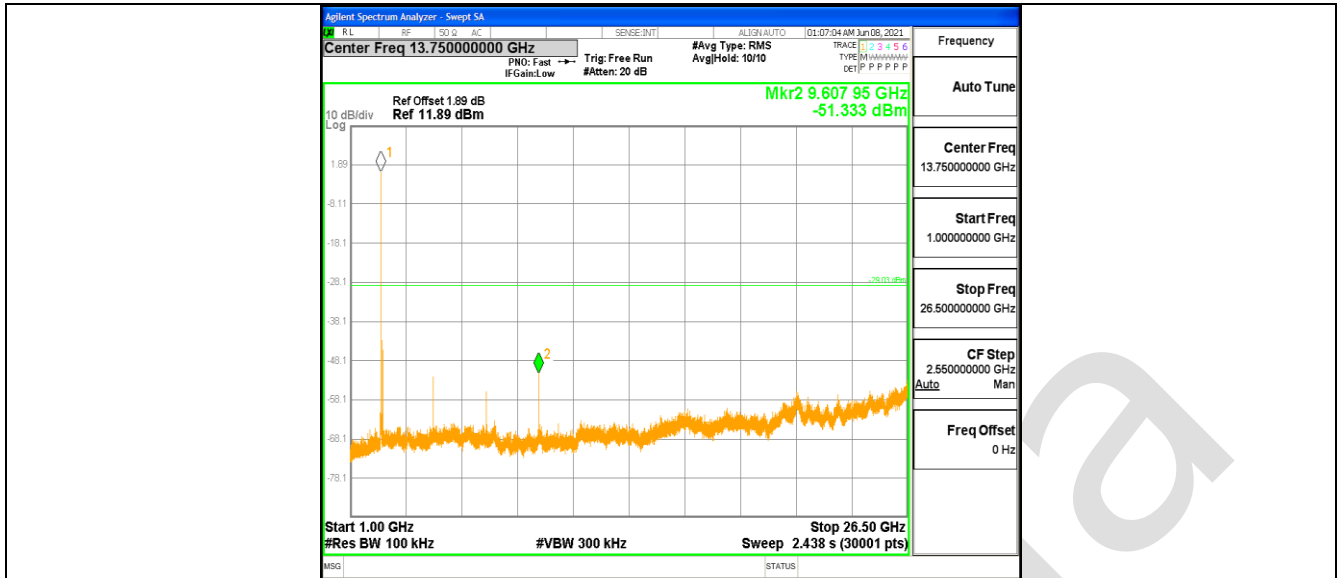
12.8 APPENDIX H: CONDUCTED SPURIOUS EMISSION

Test Result

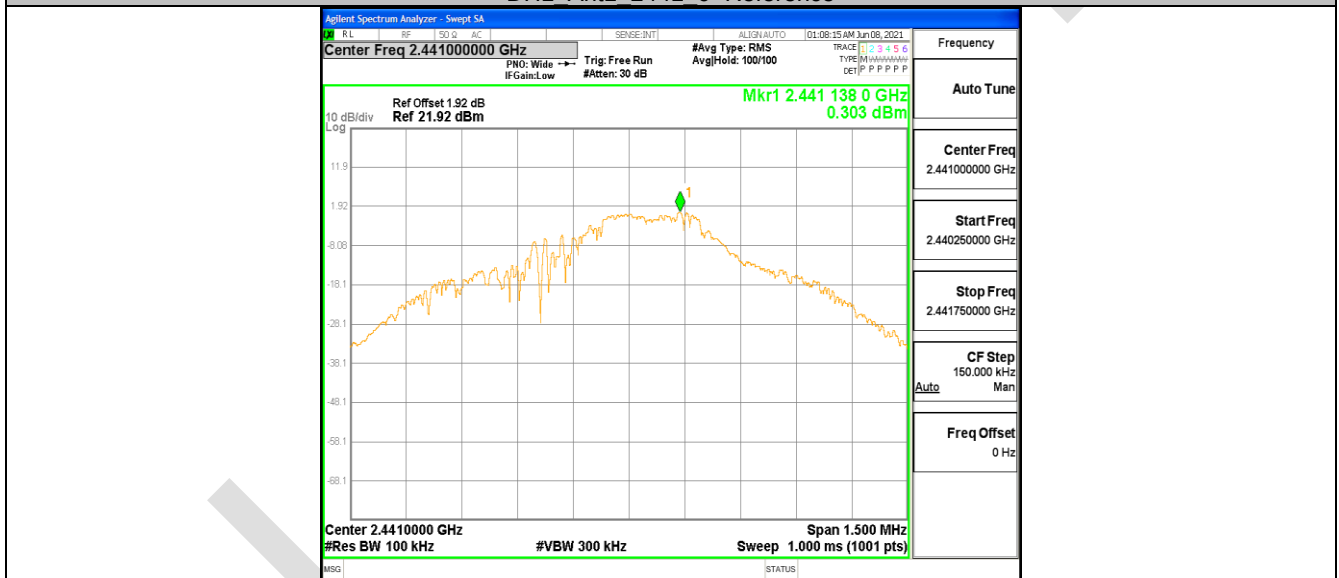
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	2402	Reference	0.97	0.97	---	PASS
			30~1000	0.97	-68.19	<=-29.03	PASS
			1000~26500	0.97	-51.33	<=-29.03	PASS
		2441	Reference	0.30	0.30	---	PASS
			30~1000	0.30	-68.6	<=-29.7	PASS
			1000~26500	0.30	-45.07	<=-29.7	PASS
		2480	Reference	0.20	0.20	---	PASS
			30~1000	0.20	-68.54	<=-29.8	PASS
			1000~26500	0.20	-42.17	<=-29.8	PASS
2DH1	Ant1	2402	Reference	0.92	0.92	---	PASS
			30~1000	0.92	-68.09	<=-29.08	PASS
			1000~26500	0.92	-44.29	<=-29.08	PASS
		2441	Reference	0.31	0.31	---	PASS
			30~1000	0.31	-68.53	<=-29.69	PASS
			1000~26500	0.31	-44.01	<=-29.69	PASS
		2480	Reference	0.07	0.07	---	PASS
			30~1000	0.07	-68.58	<=-29.93	PASS
			1000~26500	0.07	-47.18	<=-29.93	PASS
3DH1	Ant1	2402	Reference	1.07	1.07	---	PASS
			30~1000	1.07	-67.8	<=-28.93	PASS
			1000~26500	1.07	-44.38	<=-28.93	PASS
		2441	Reference	0.13	0.13	---	PASS
			30~1000	0.13	-68.21	<=-29.87	PASS
			1000~26500	0.13	-43.55	<=-29.87	PASS
		2480	Reference	0.18	0.18	---	PASS
			30~1000	0.18	-68.53	<=-29.82	PASS
			1000~26500	0.18	-42.12	<=-29.82	PASS

Test Graphs

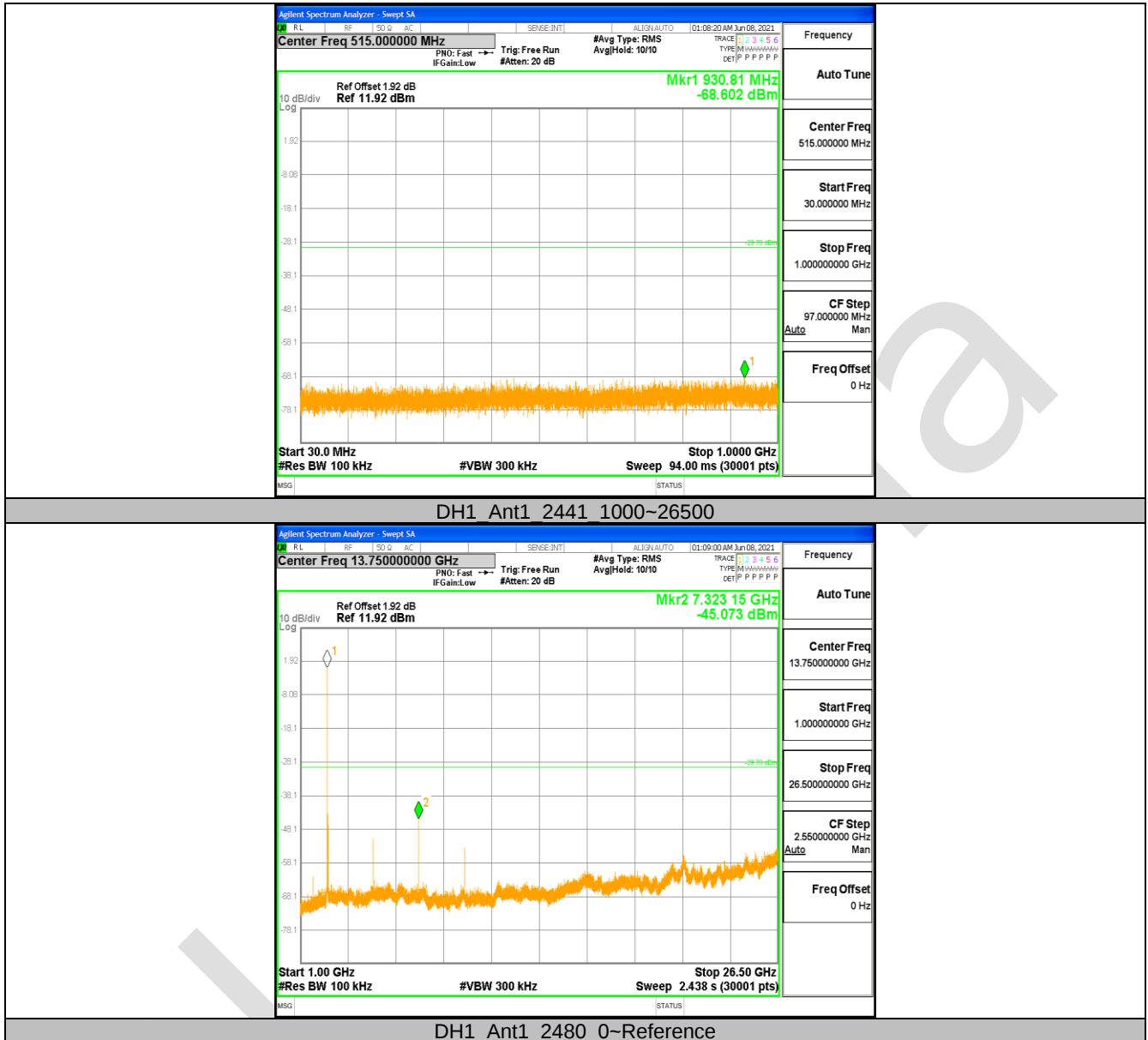


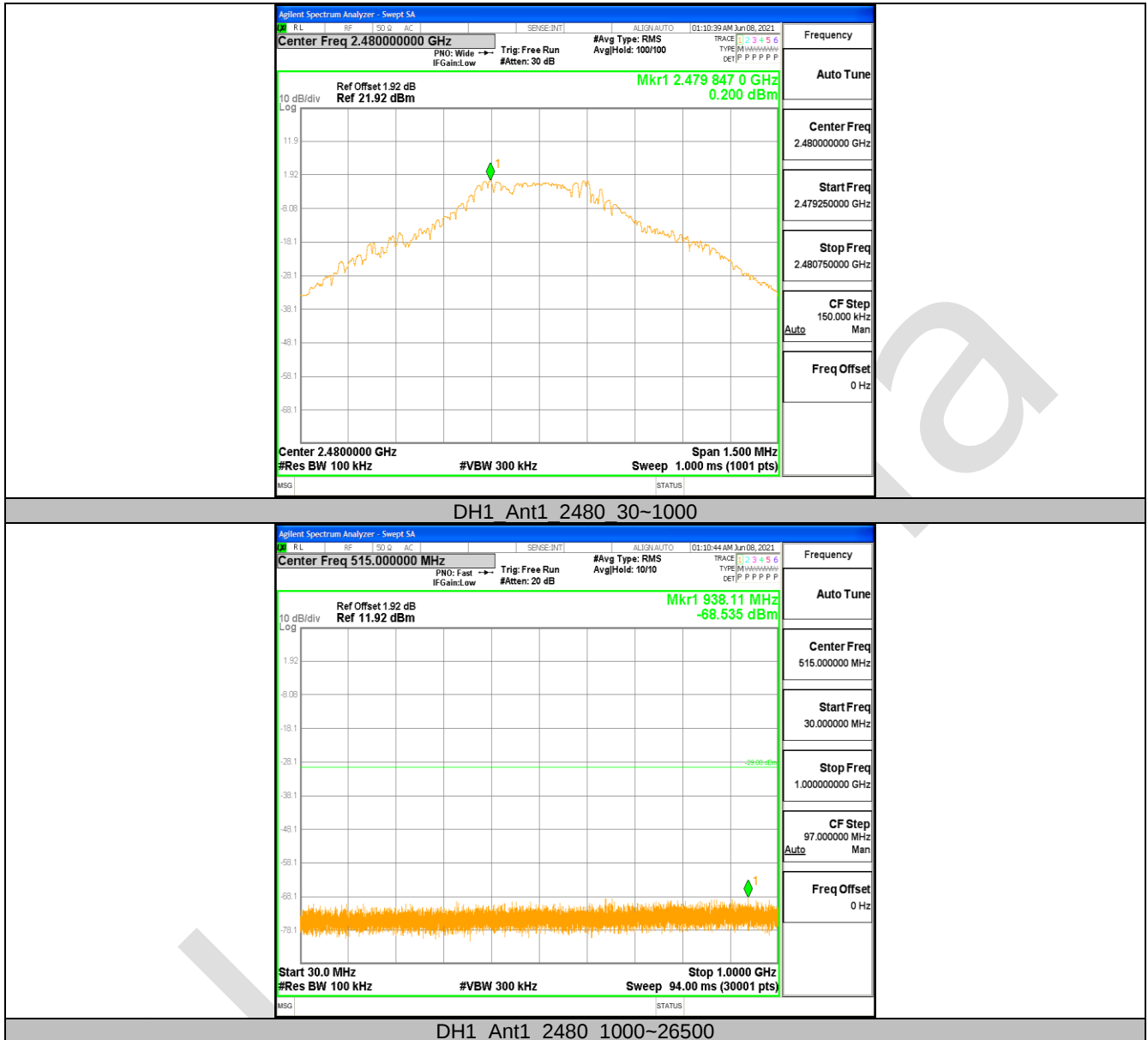


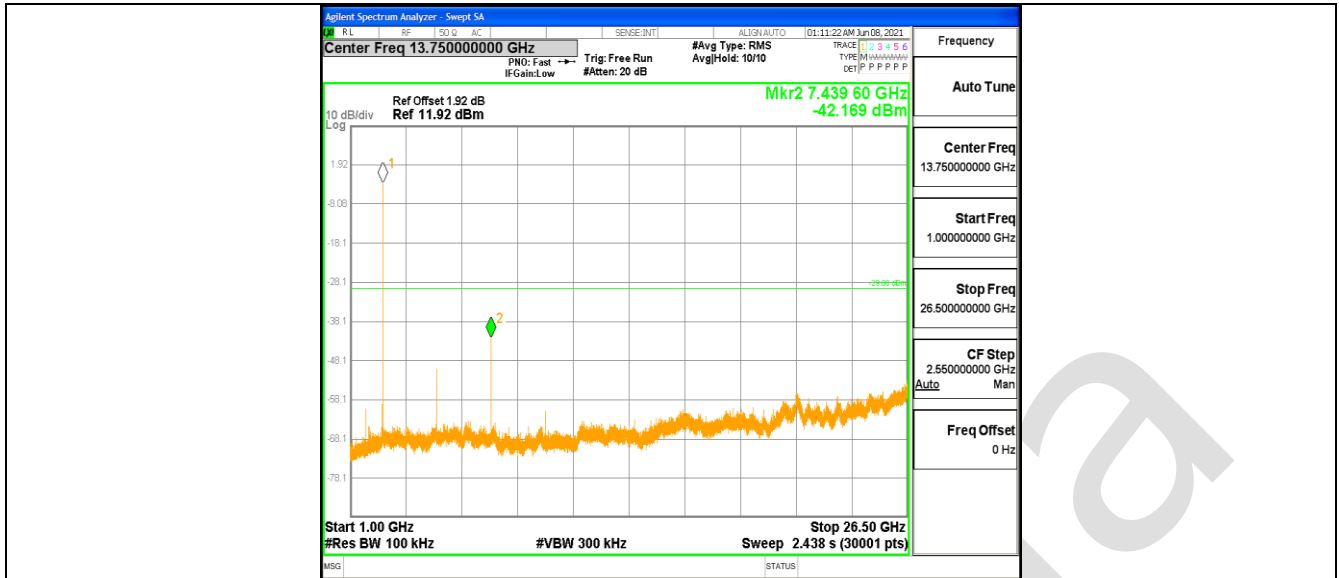
DH1_Ant1_2441_0-Reference



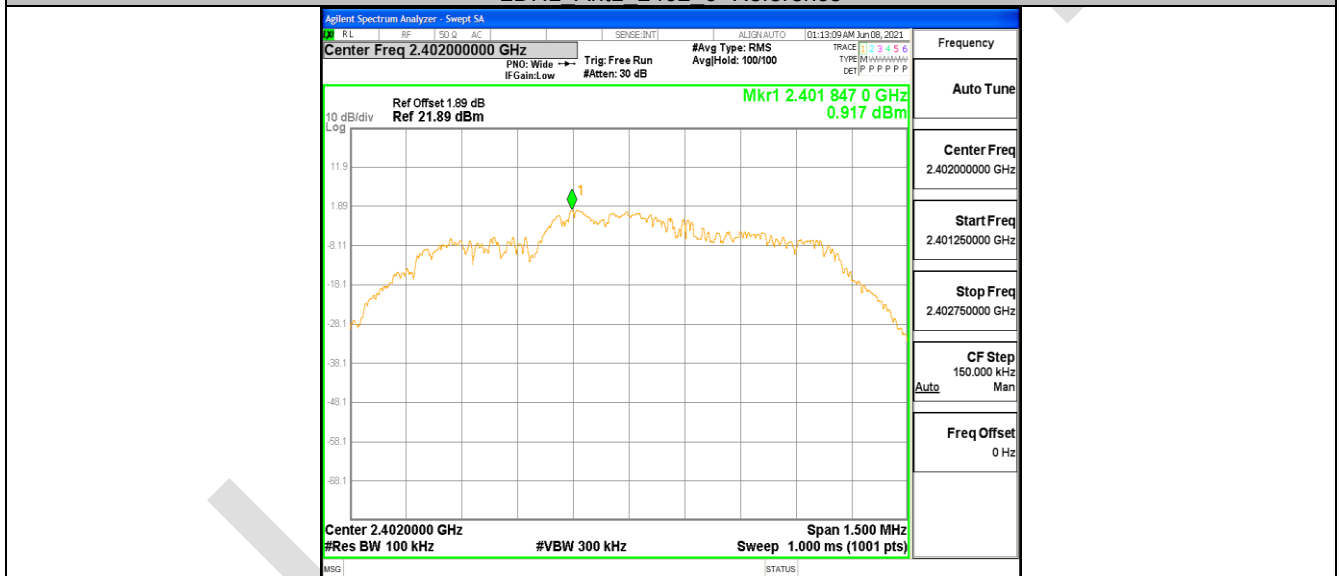
DH1_Ant1_2441_30~1000



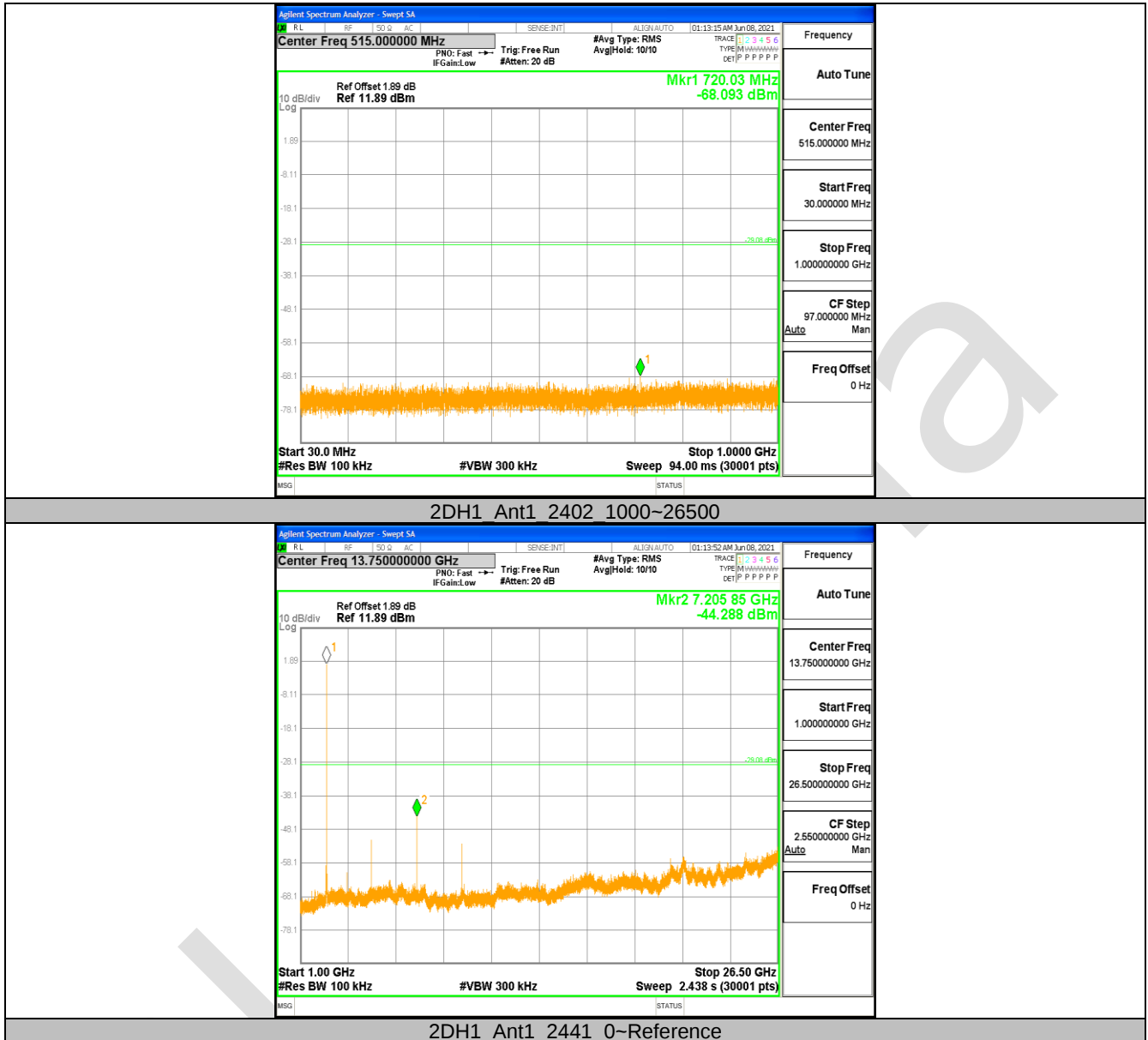


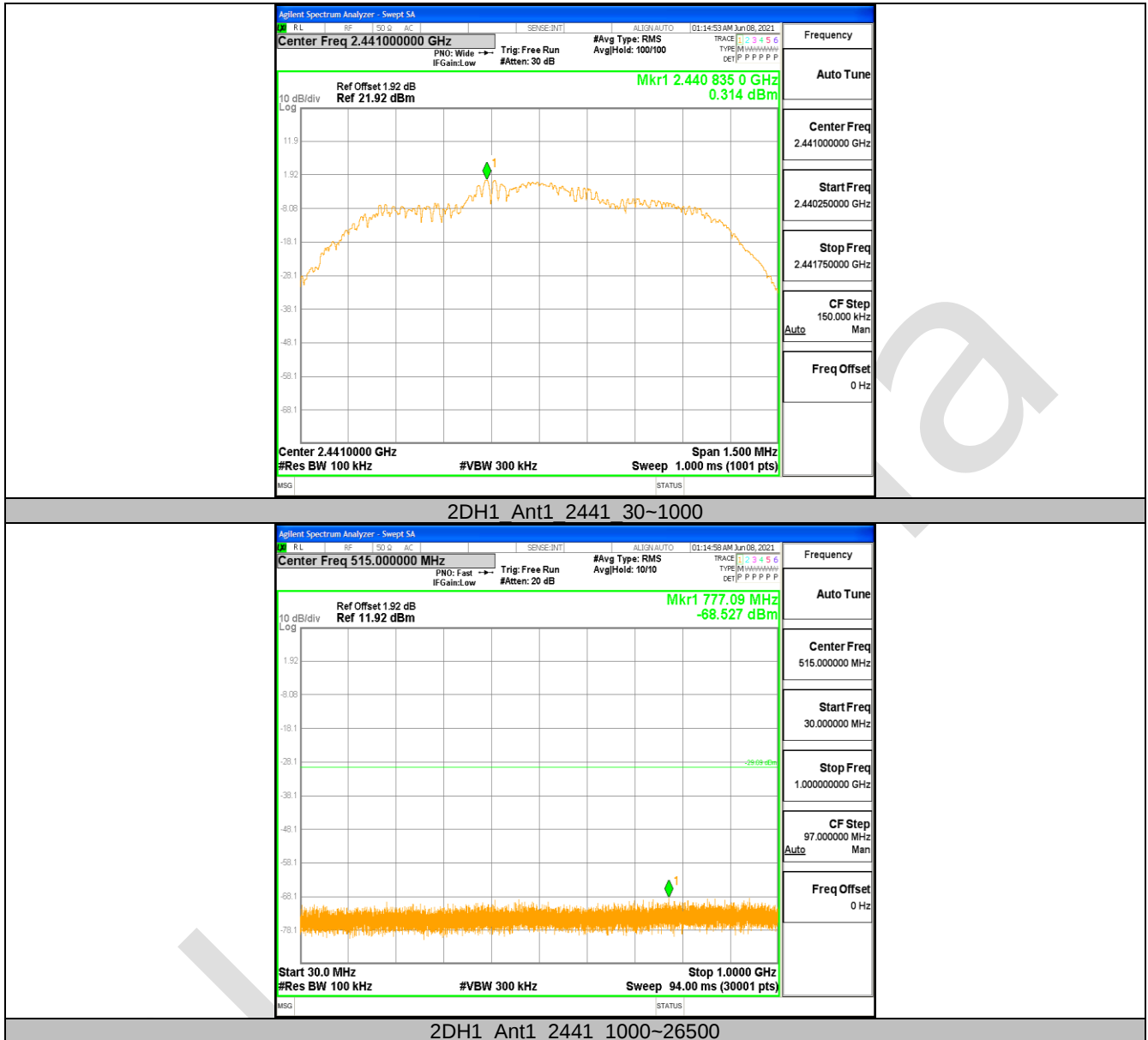


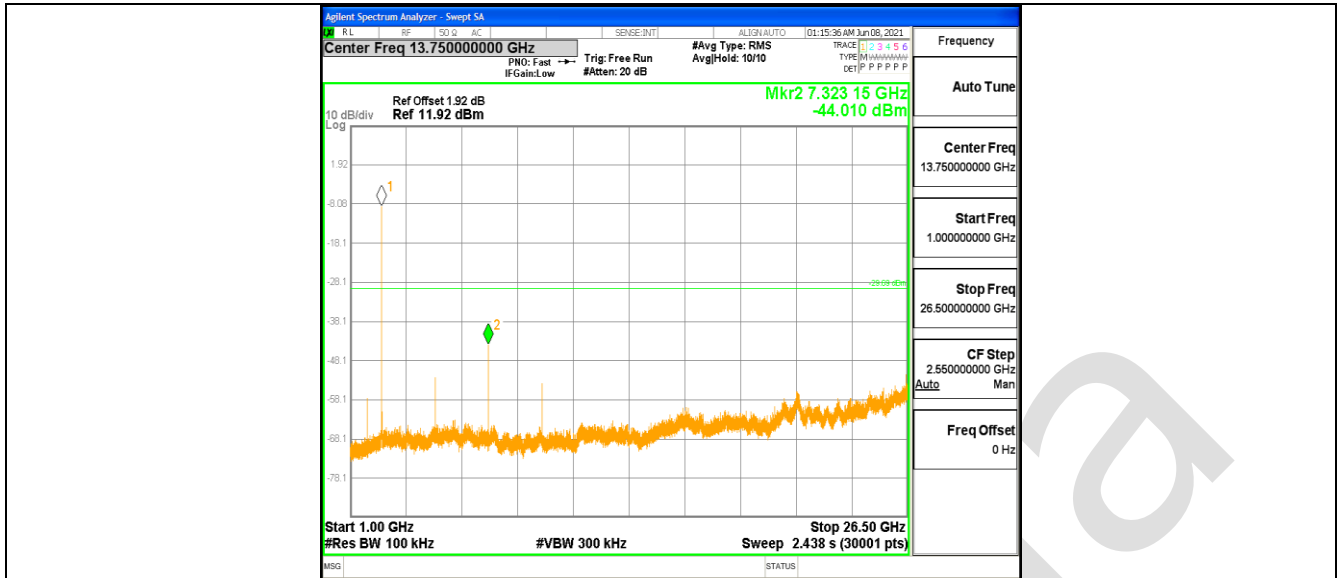
2DH1_Ant1_2402_0-Reference



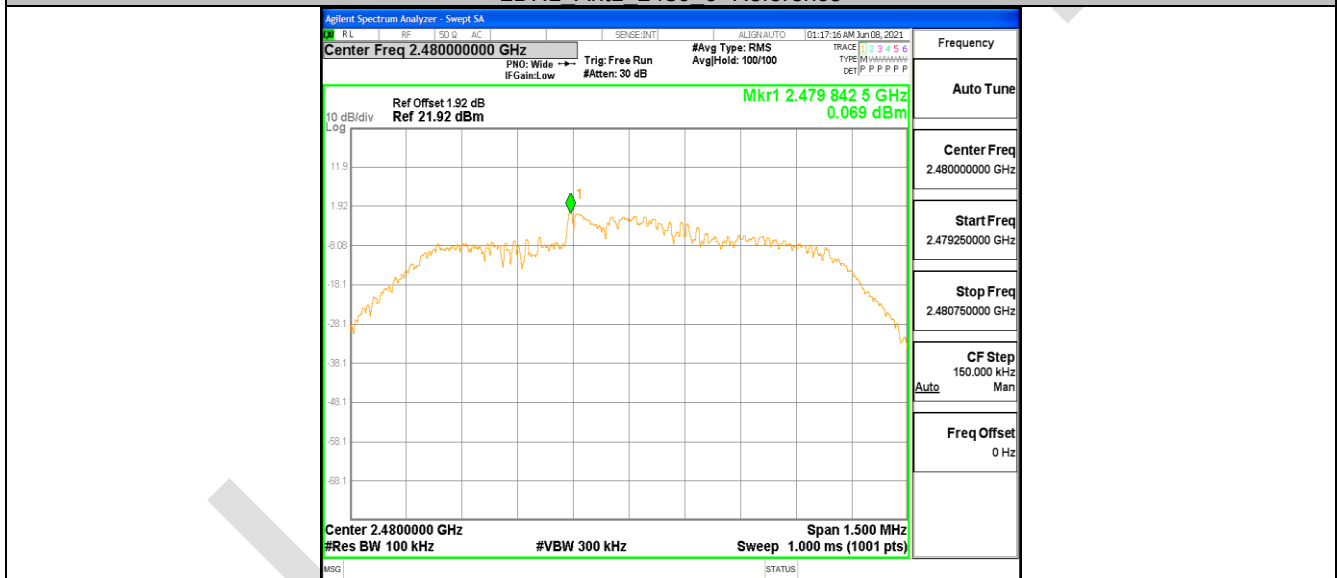
2DH1_Ant1_2402_30-1000



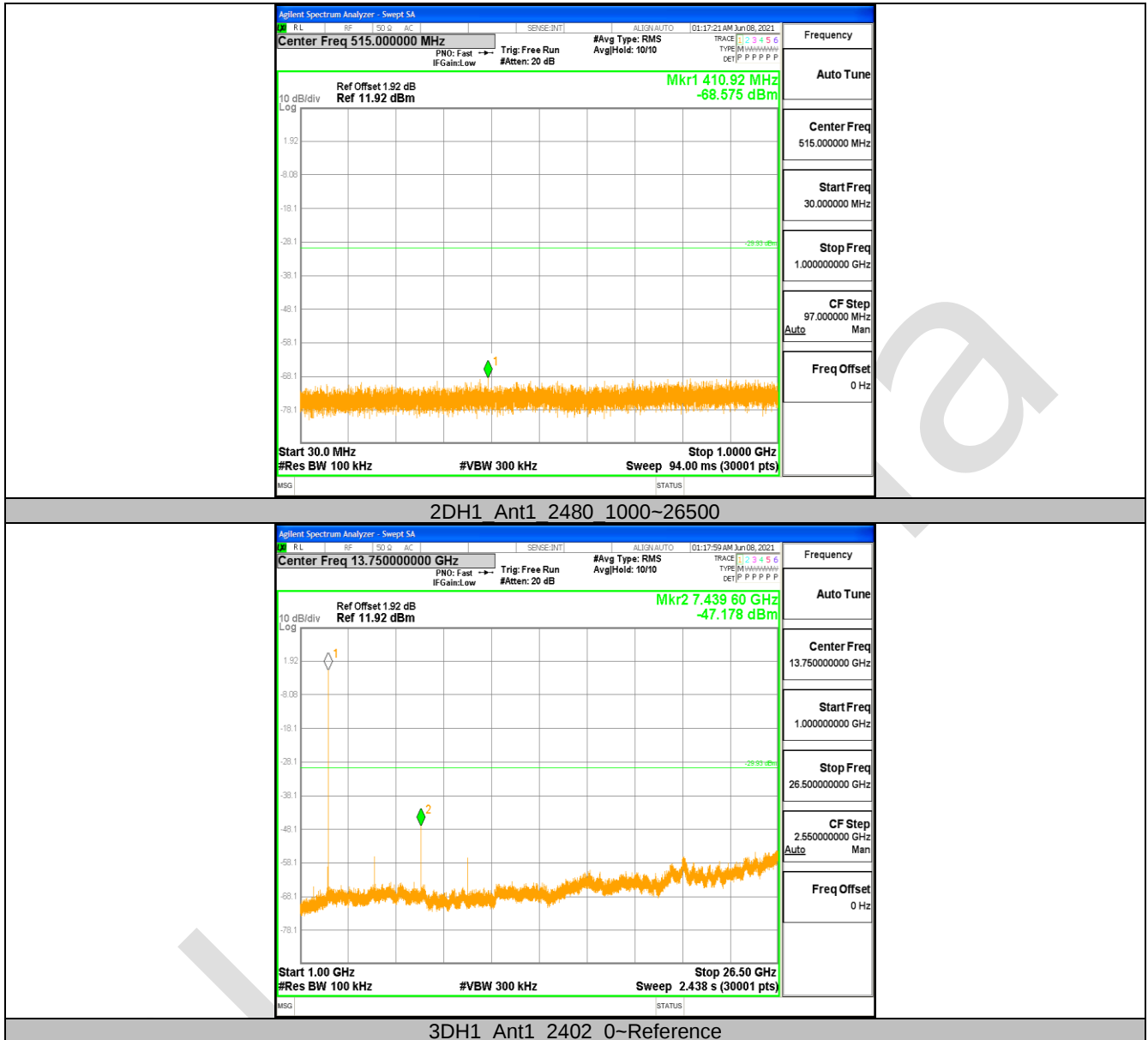




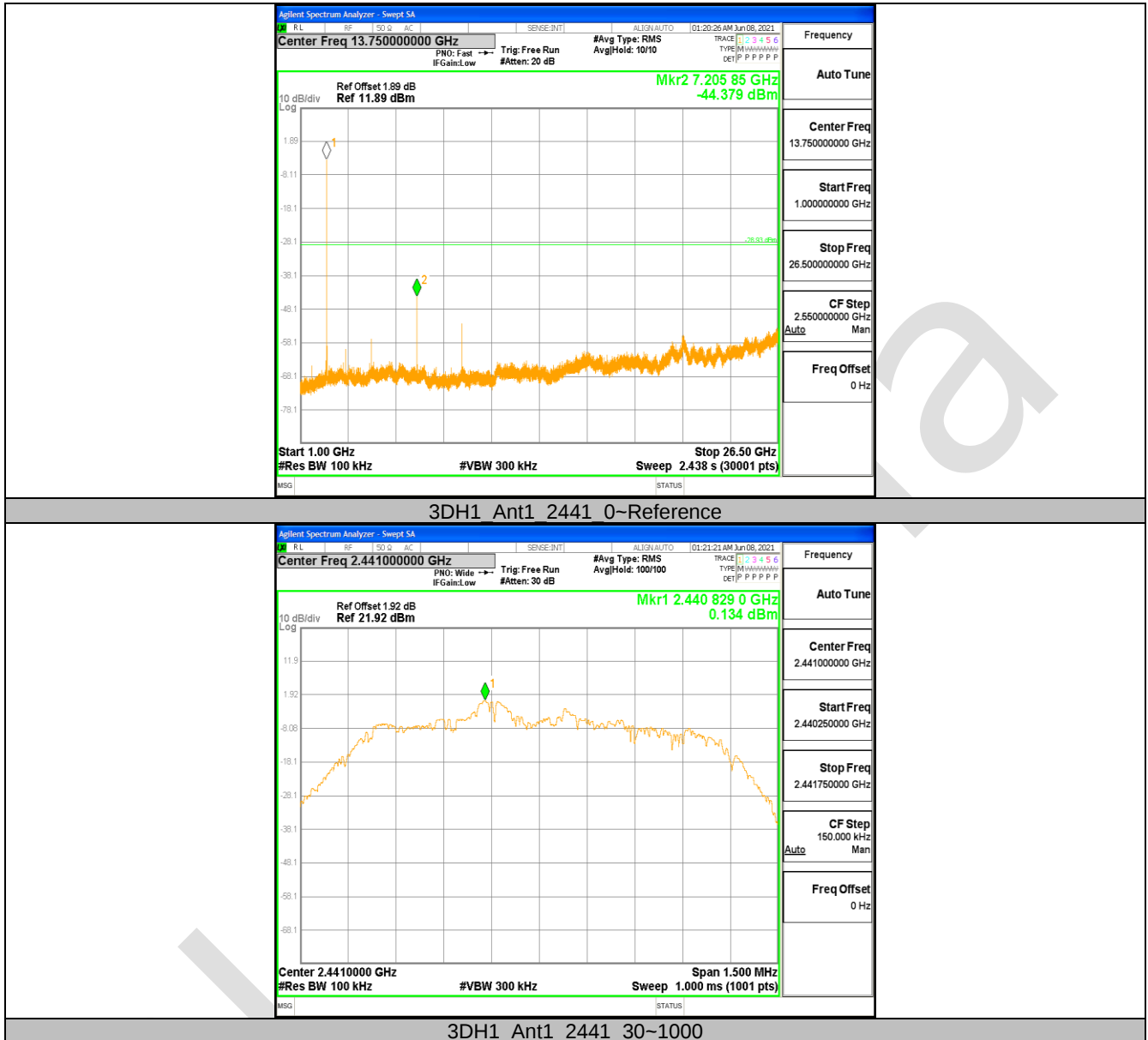
2DH1_Ant1_2480_0-Reference

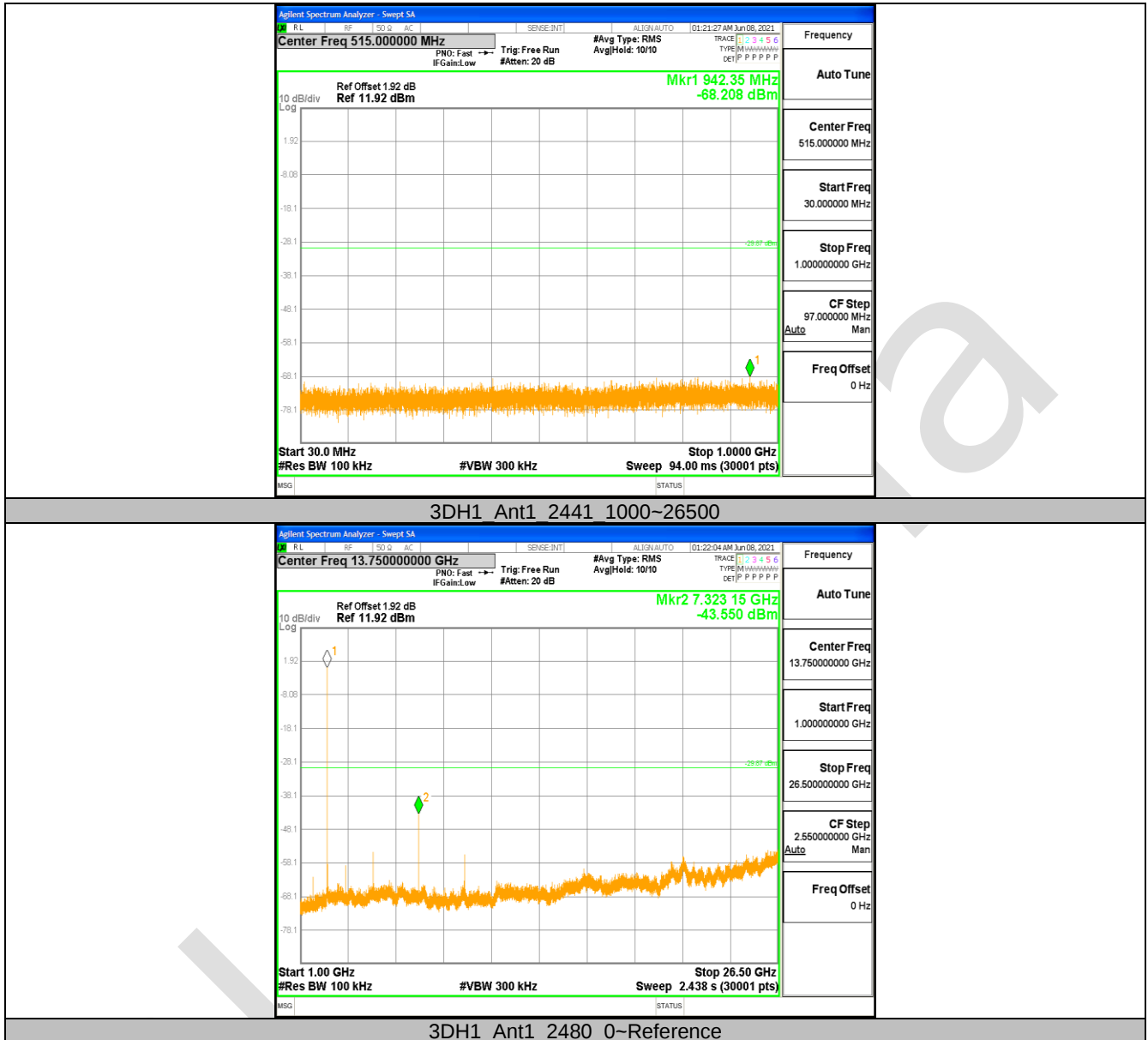


2DH1_Ant1_2480_30-1000

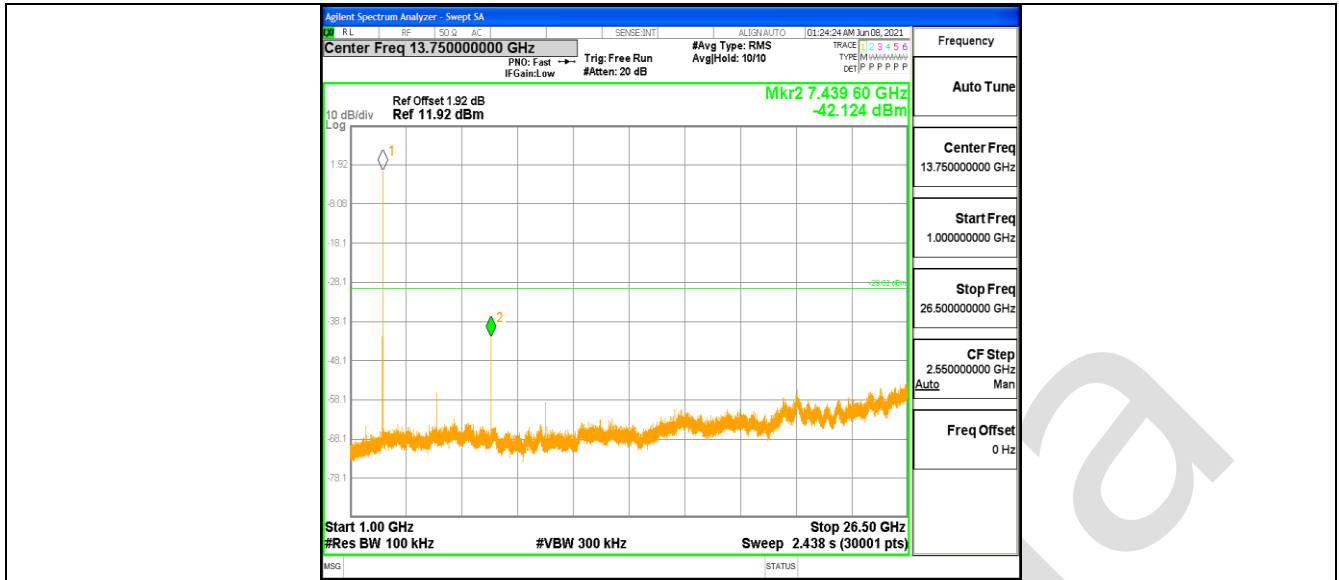












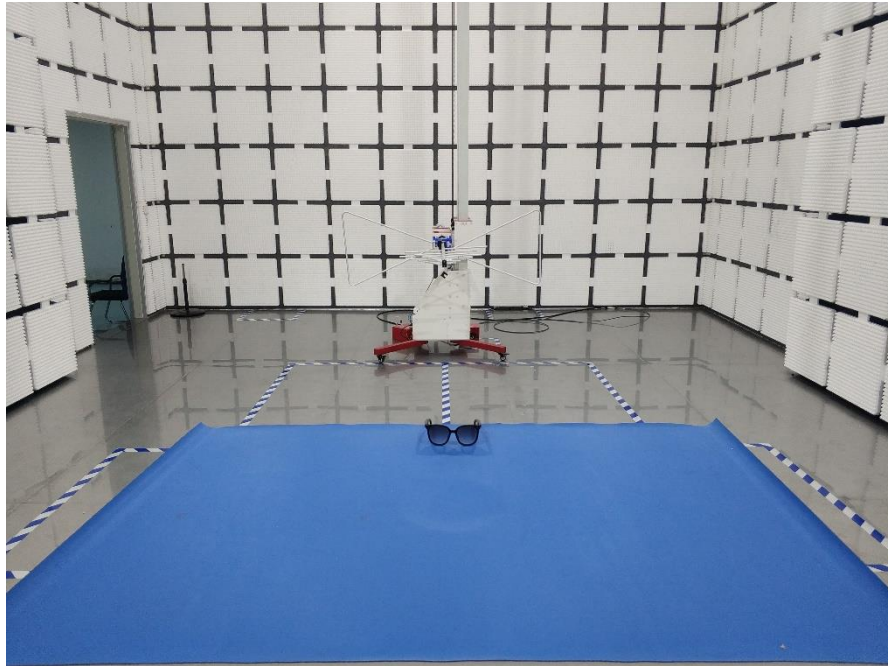
APPENDIX A: PHOTOGRAPHS OF TEST SETUP

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



Radiated Spurious Emissions





APPENDIX B: PHOTOGRAPHS OF EUT

Reference to the test report No. BLA-EMC-202106-A1301

----END OF REPORT----

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