

10 APPENDIX

Appendix1

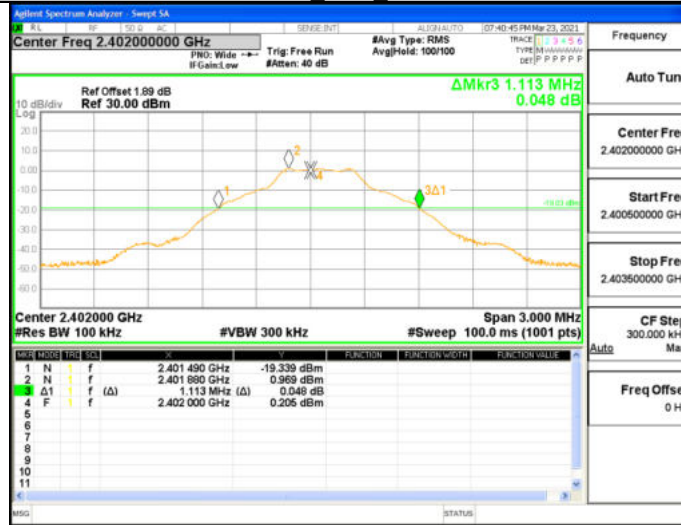
10.1 APPENDIX A: 20DB EMISSION BANDWIDTH

Test Result

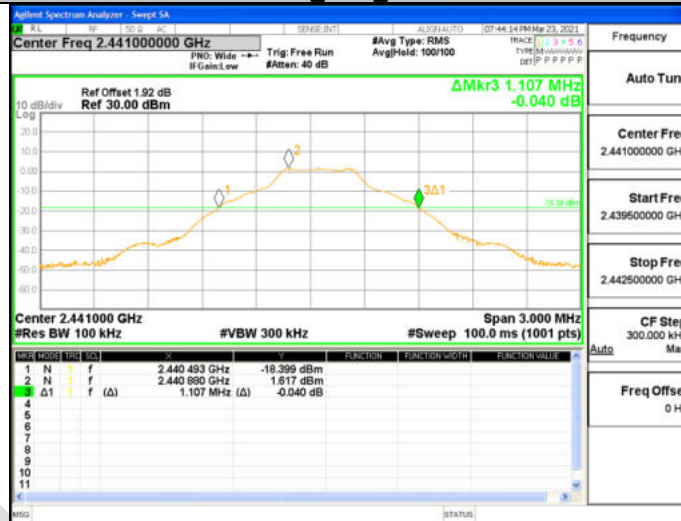
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	1.113	2401.490	2402.603	---	PASS
		2441	1.107	2440.493	2441.600	---	PASS
		2480	1.113	2479.490	2480.603	---	PASS
2DH1	Ant1	2402	1.359	2401.358	2402.717	---	PASS
		2441	1.356	2440.361	2441.717	---	PASS
		2480	1.359	2479.358	2480.717	---	PASS
3DH1	Ant1	2402	1.332	2401.385	2402.717	---	PASS
		2441	1.332	2440.385	2441.717	---	PASS
		2480	1.332	2479.385	2480.717	---	PASS

Test Graphs

DH1 Ant1 2402



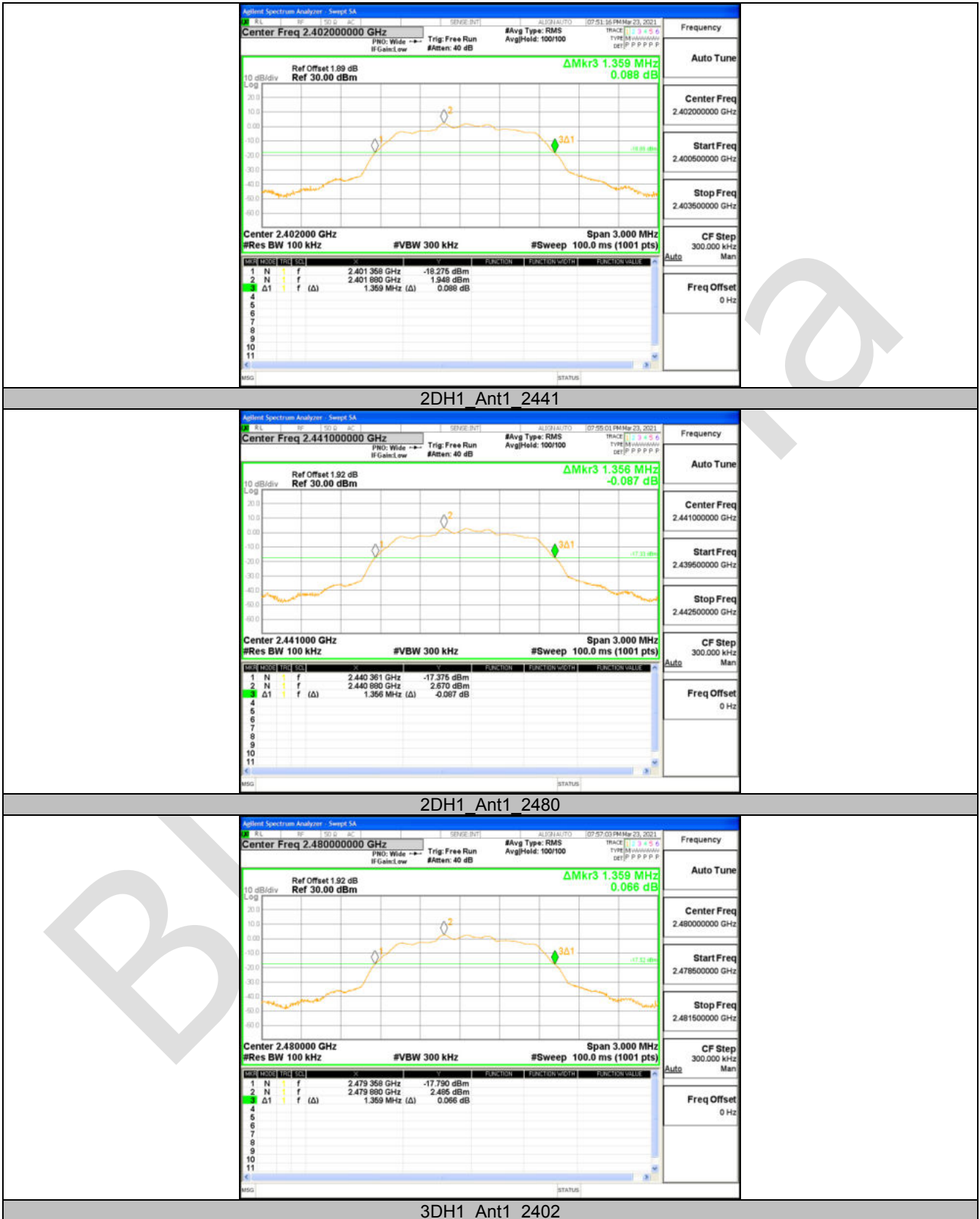
DH1 Ant1 2441



DH1 Ant1 2480



2DH1 Ant1 2402



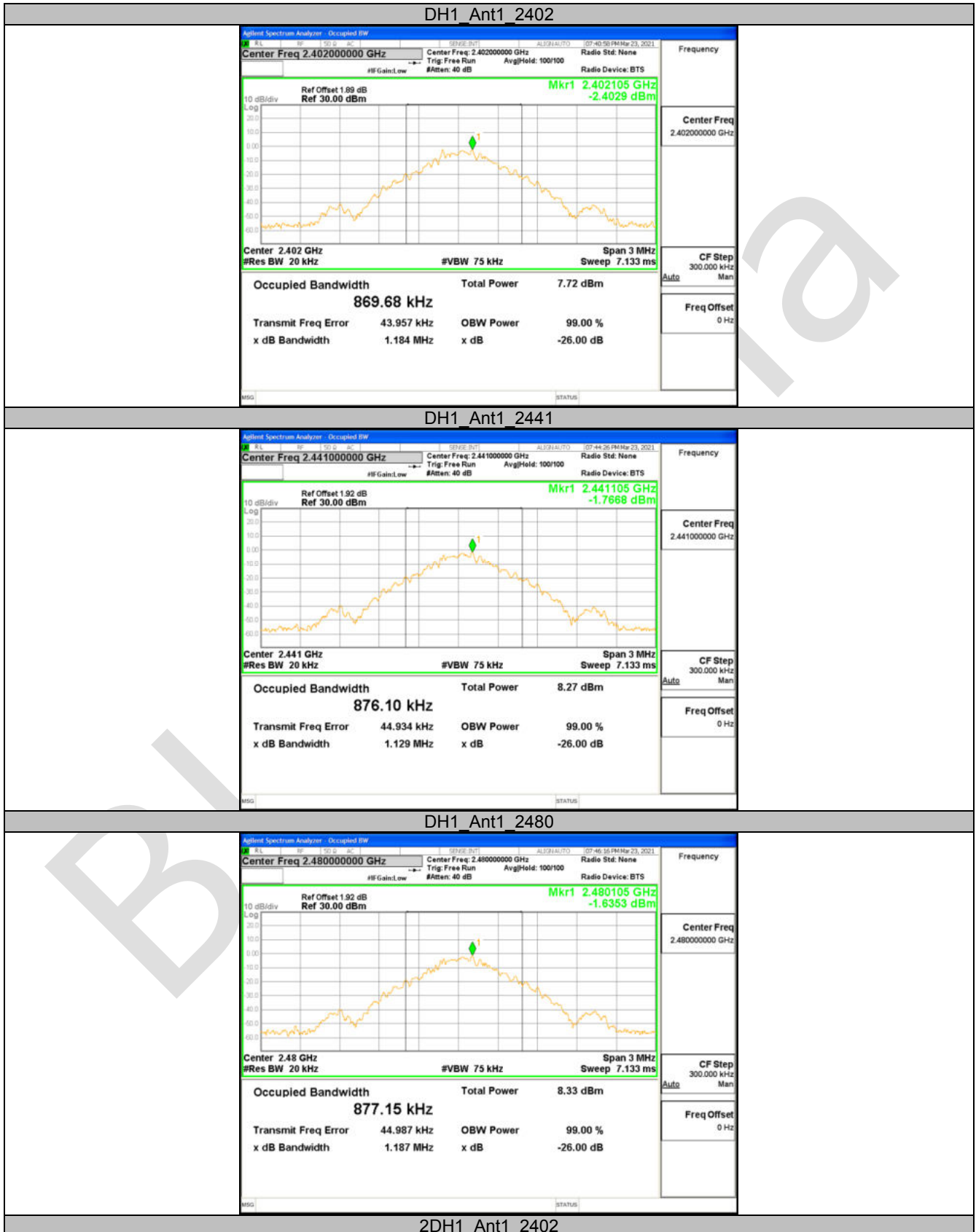


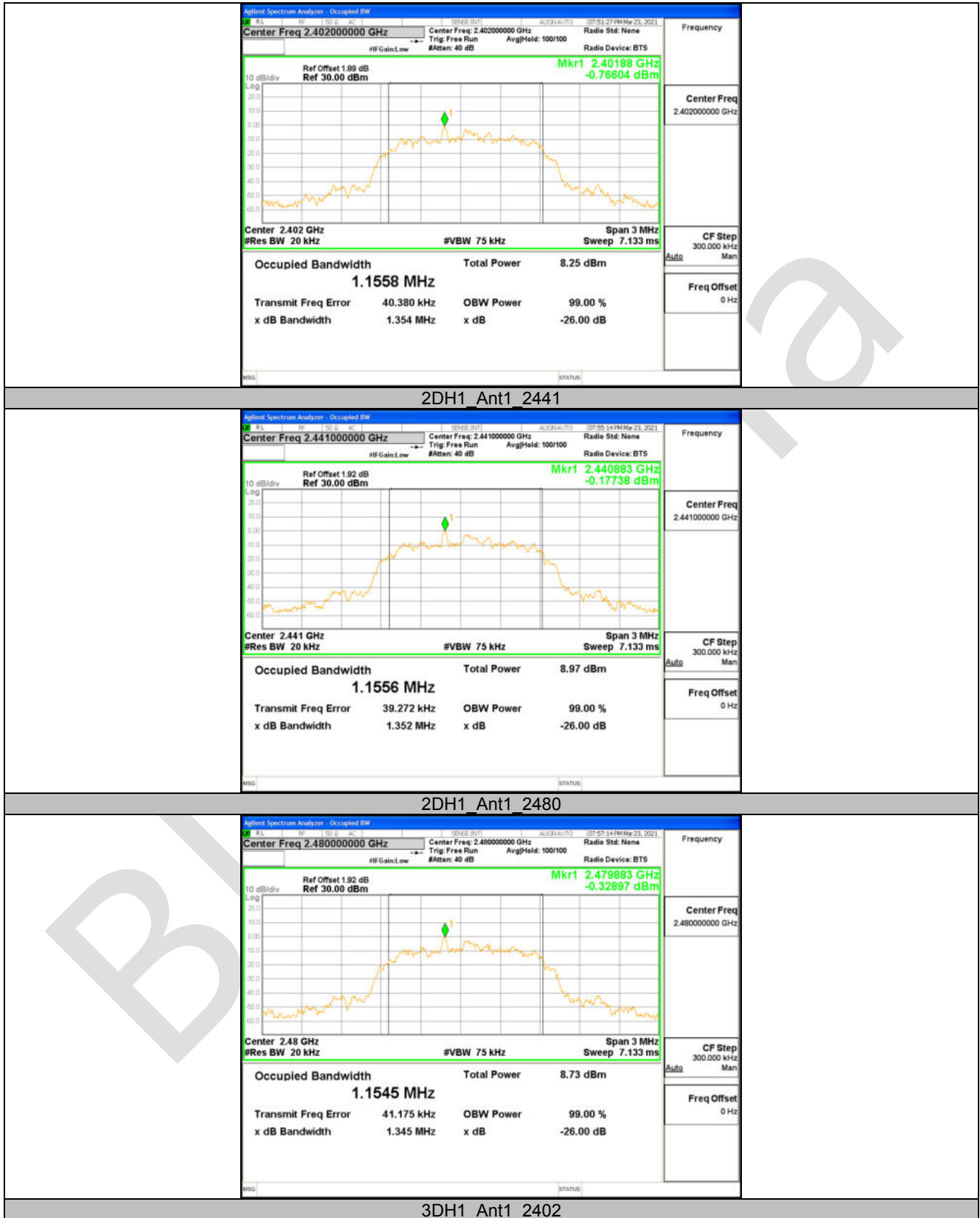
10.2 APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	0.86968	2401.609	2402.479	---	PASS
		2441	0.87610	2440.607	2441.483	---	PASS
		2480	0.87715	2479.606	2480.484	---	PASS
2DH1	Ant1	2402	1.1558	2401.462	2402.618	---	PASS
		2441	1.1556	2440.461	2441.617	---	PASS
		2480	1.1545	2479.464	2480.618	---	PASS
3DH1	Ant1	2402	1.1395	2401.485	2402.624	---	PASS
		2441	1.1417	2440.488	2441.629	---	PASS
		2480	1.1414	2479.487	2480.628	---	PASS

Test Graphs





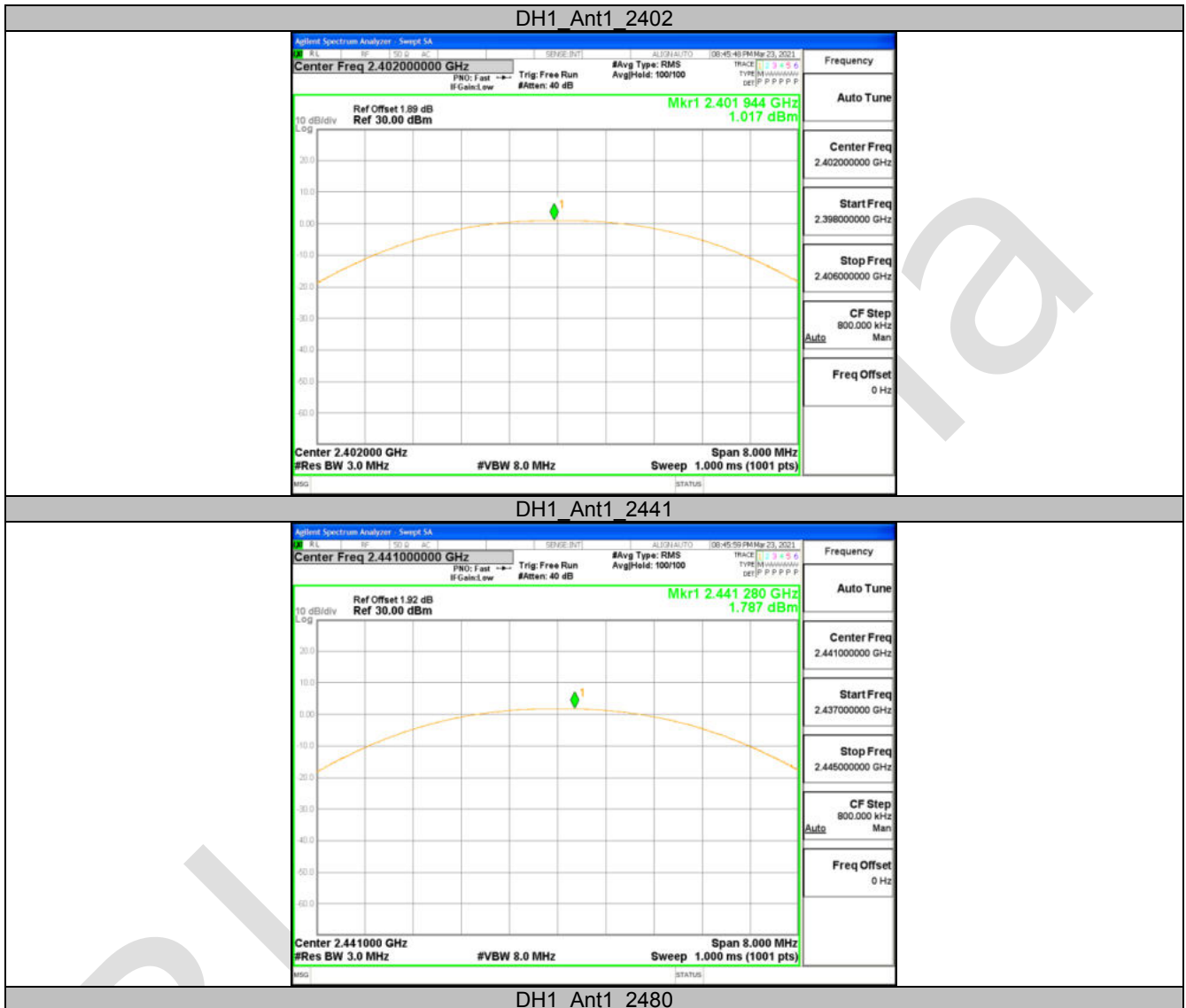


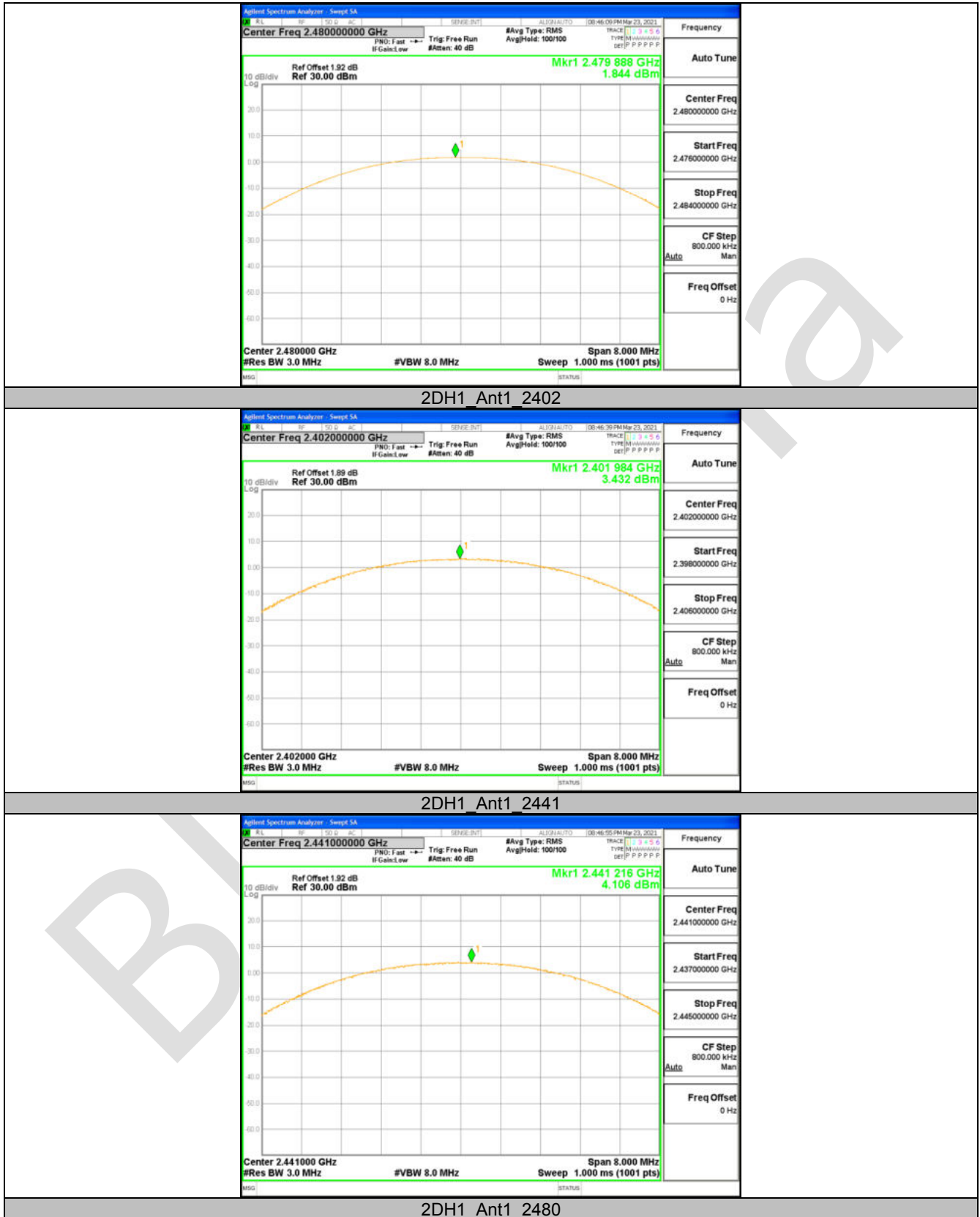
10.3 APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

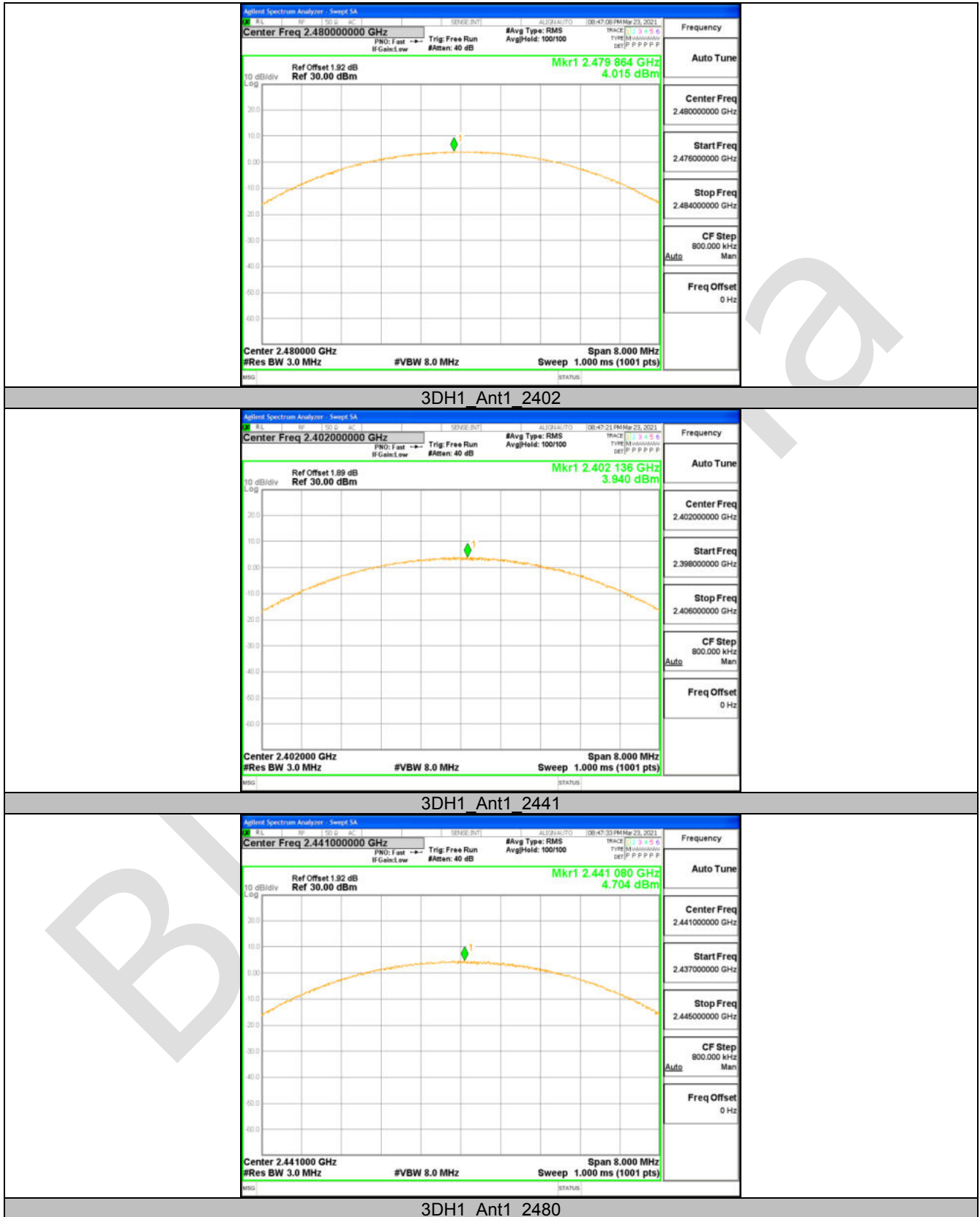
Test Result

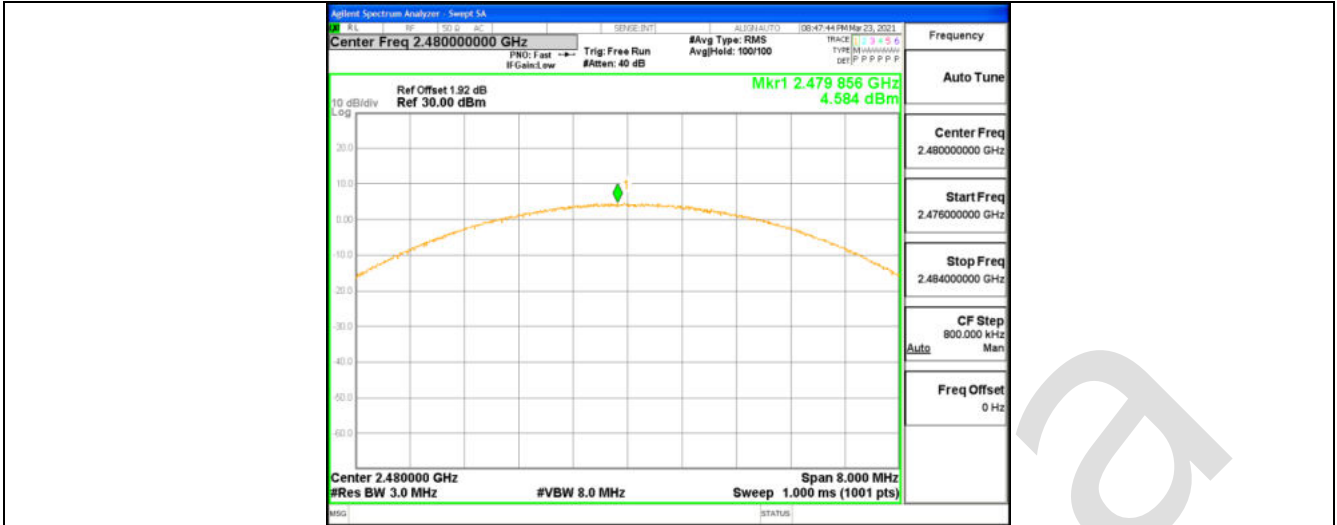
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH1	Ant1	2402	1.02	<=20.97	PASS
		2441	1.79	<=20.97	PASS
		2480	1.84	<=20.97	PASS
2DH1	Ant1	2402	3.43	<=20.97	PASS
		2441	4.11	<=20.97	PASS
		2480	4.02	<=20.97	PASS
3DH1	Ant1	2402	3.94	<=20.97	PASS
		2441	4.70	<=20.97	PASS
		2480	4.58	<=20.97	PASS

Test Graphs









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

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop	1.002	≥ 0.742	PASS
2DH1	Ant1	Hop	1.002	≥ 0.906	PASS
3DH1	Ant1	Hop	1.006	≥ 0.888	PASS

Test Graphs

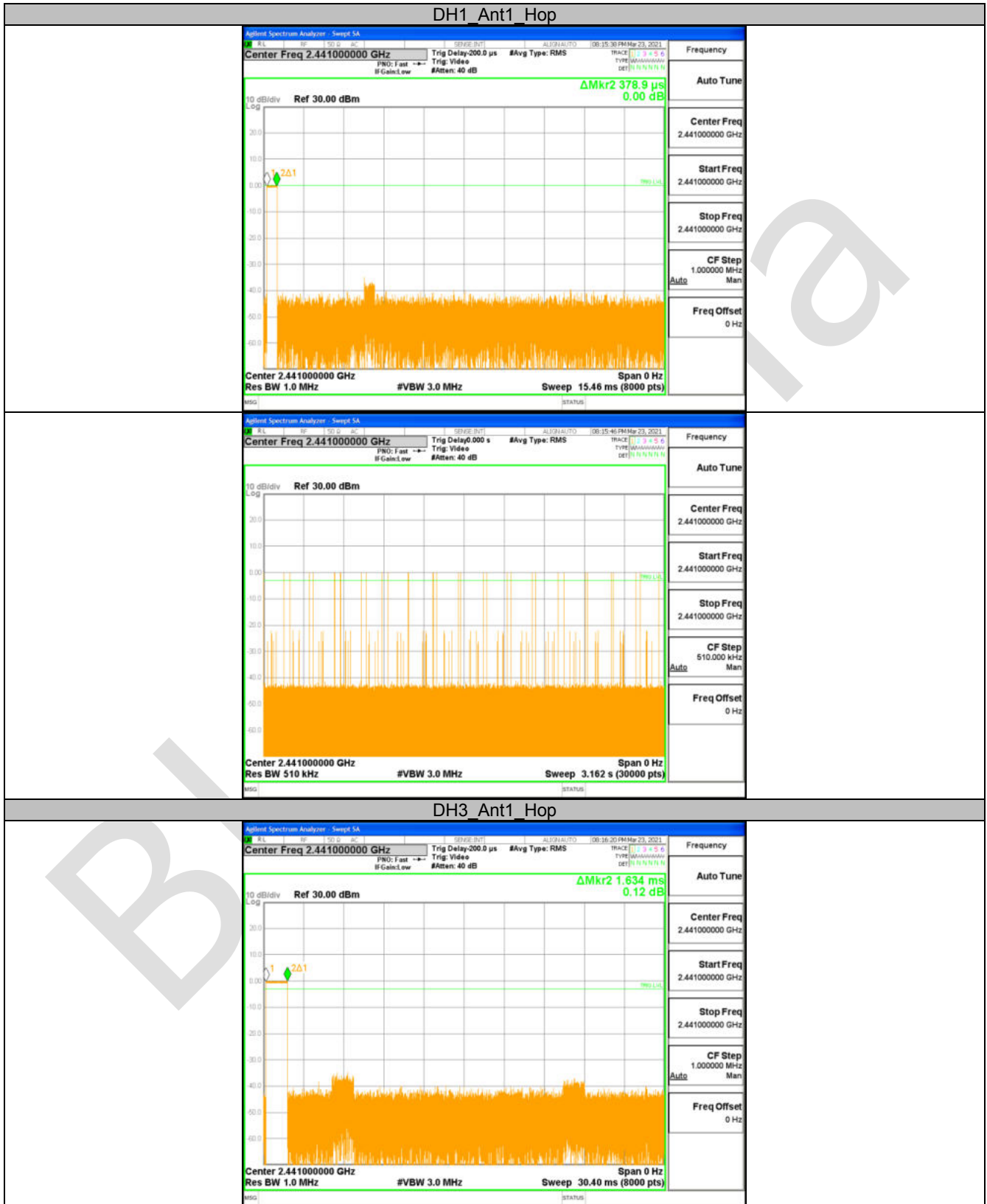


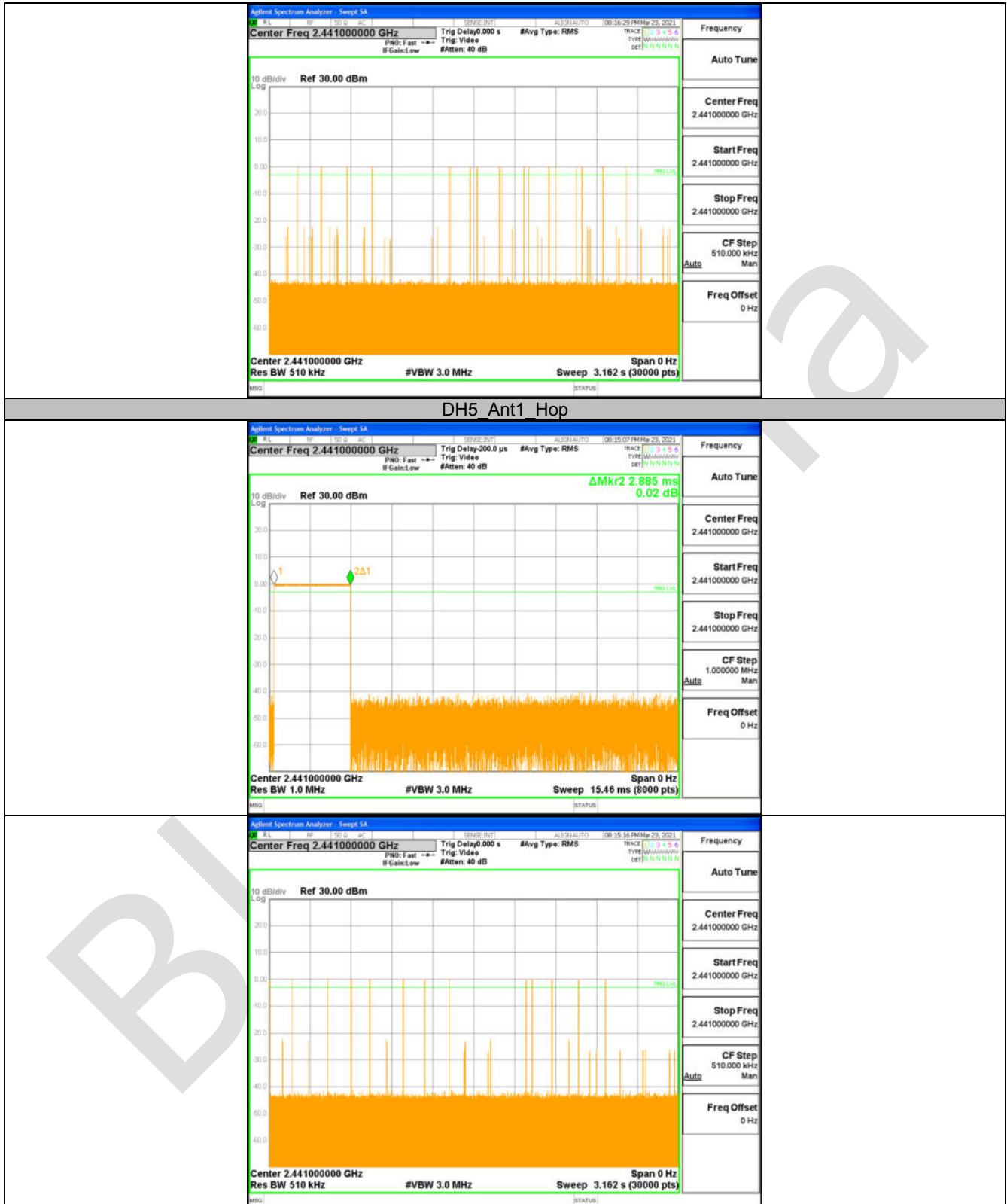
10.5 APPENDIX E: TIME OF OCCUPANCY

Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.38	320	0.121	≤ 0.4	PASS
DH3	Ant1	Hop	1.63	190	0.31	≤ 0.4	PASS
DH5	Ant1	Hop	2.88	130	0.375	≤ 0.4	PASS

Test Graphs



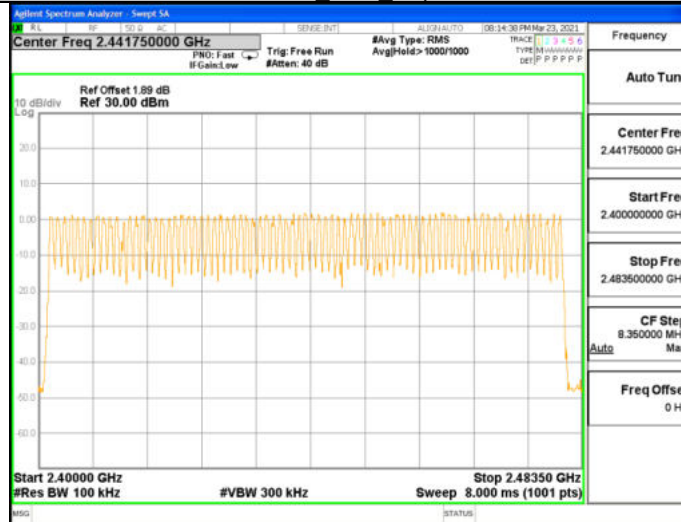


10.6 APPENDIX F: NUMBER OF HOPPING CHANNELS**Test Result**

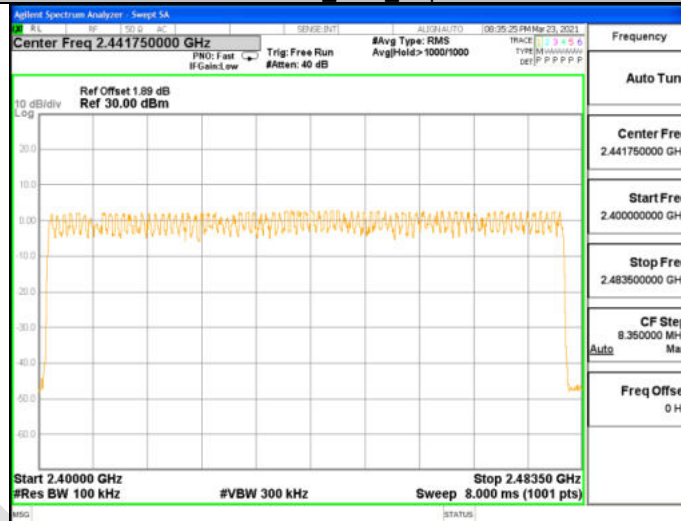
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH1	Ant1	Hop	79	≥ 15	PASS
2DH1	Ant1	Hop	79	≥ 15	PASS
3DH1	Ant1	Hop	79	≥ 15	PASS

Test Graphs

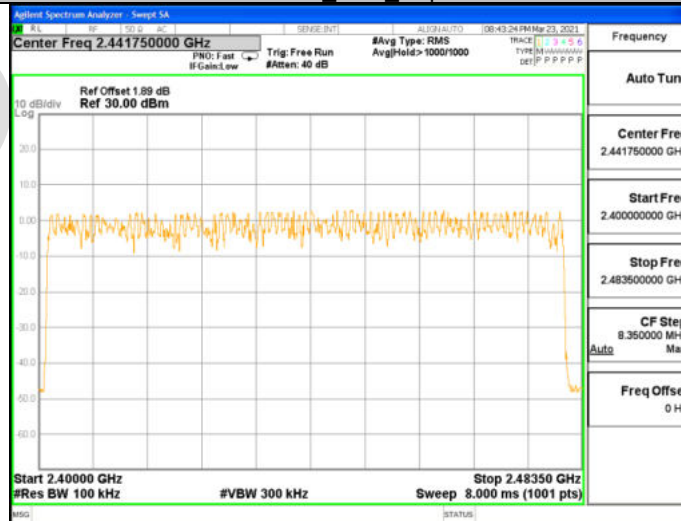
DH1 Ant1 Hop



2DH1 Ant1 Hop



3DH1 Ant1 Hop



10.7 APPENDIX G: BAND EDGE MEASUREMENTS

Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	Low	2402	0.84	-56.55	<=-19.16	PASS
		High	2480	1.63	-55.35	<=-18.37	PASS
		Low	Hop_2402	0.68	-55.18	-19.32	PASS
		High	Hop_2480	1.83	-54.55	-18.17	PASS
2DH1	Ant1	Low	2402	1.78	-56.21	<=-18.22	PASS
		High	2480	2.40	-54.9	<=-17.6	PASS
		Low	Hop_2402	1.94	-56.02	-18.06	PASS
		High	Hop_2480	2.57	-54.96	-17.43	PASS
3DH1	Ant1	Low	2402	1.74	-56.47	<=-18.26	PASS
		High	2480	2.40	-55.09	<=-17.6	PASS
		Low	Hop_2402	1.74	-56.07	-18.26	PASS
		High	Hop_2480	2.50	-54.96	-17.5	PASS

Test Graphs

DH1_Ant1_Low_2402



DH1_Ant1_High_2480



DH1_Ant1_Low_Hop_2402



DH1_Ant1_High_Hop_2480







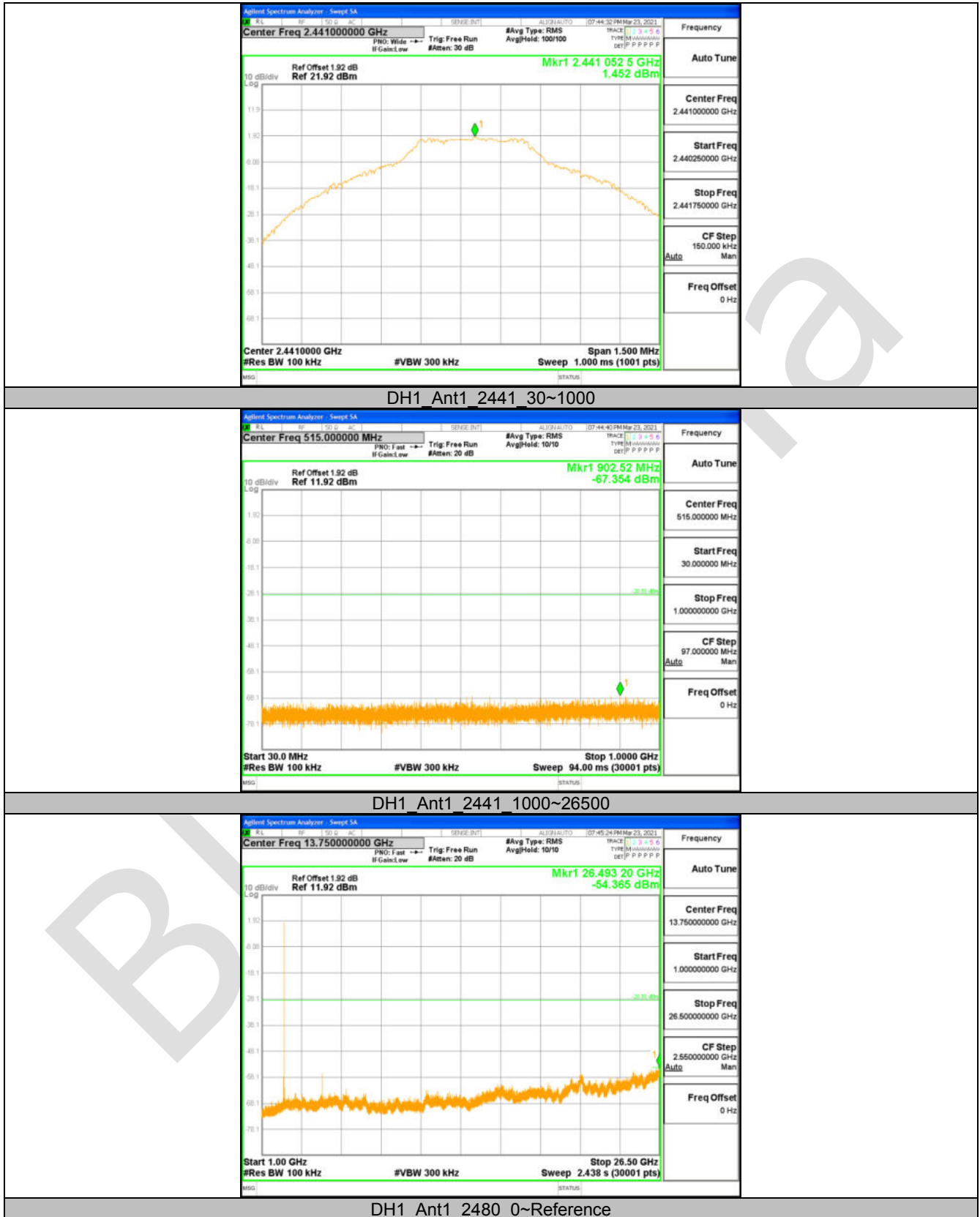
10.8 APPENDIX H: CONDUCTED SPURIOUS EMISSION

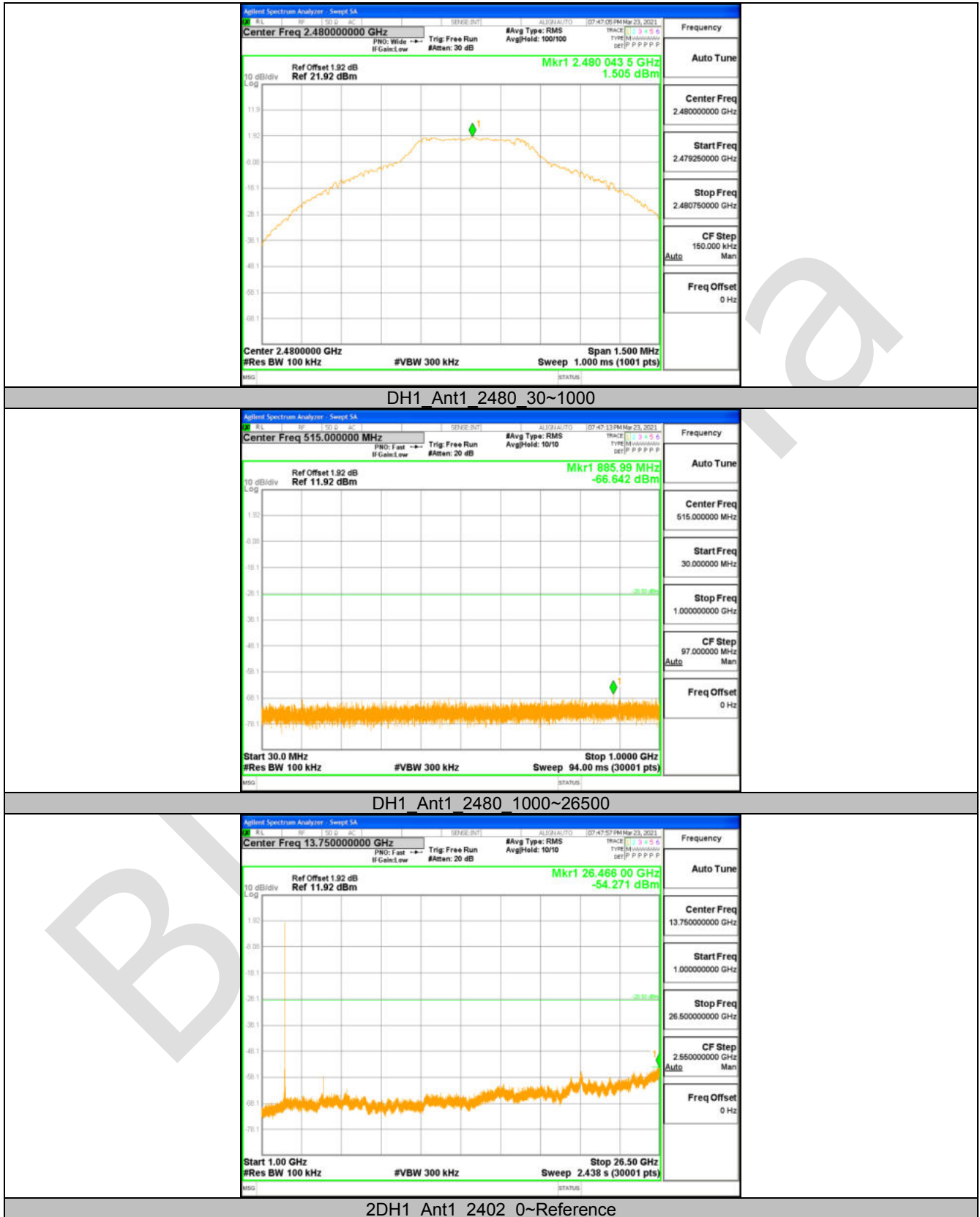
Test Result

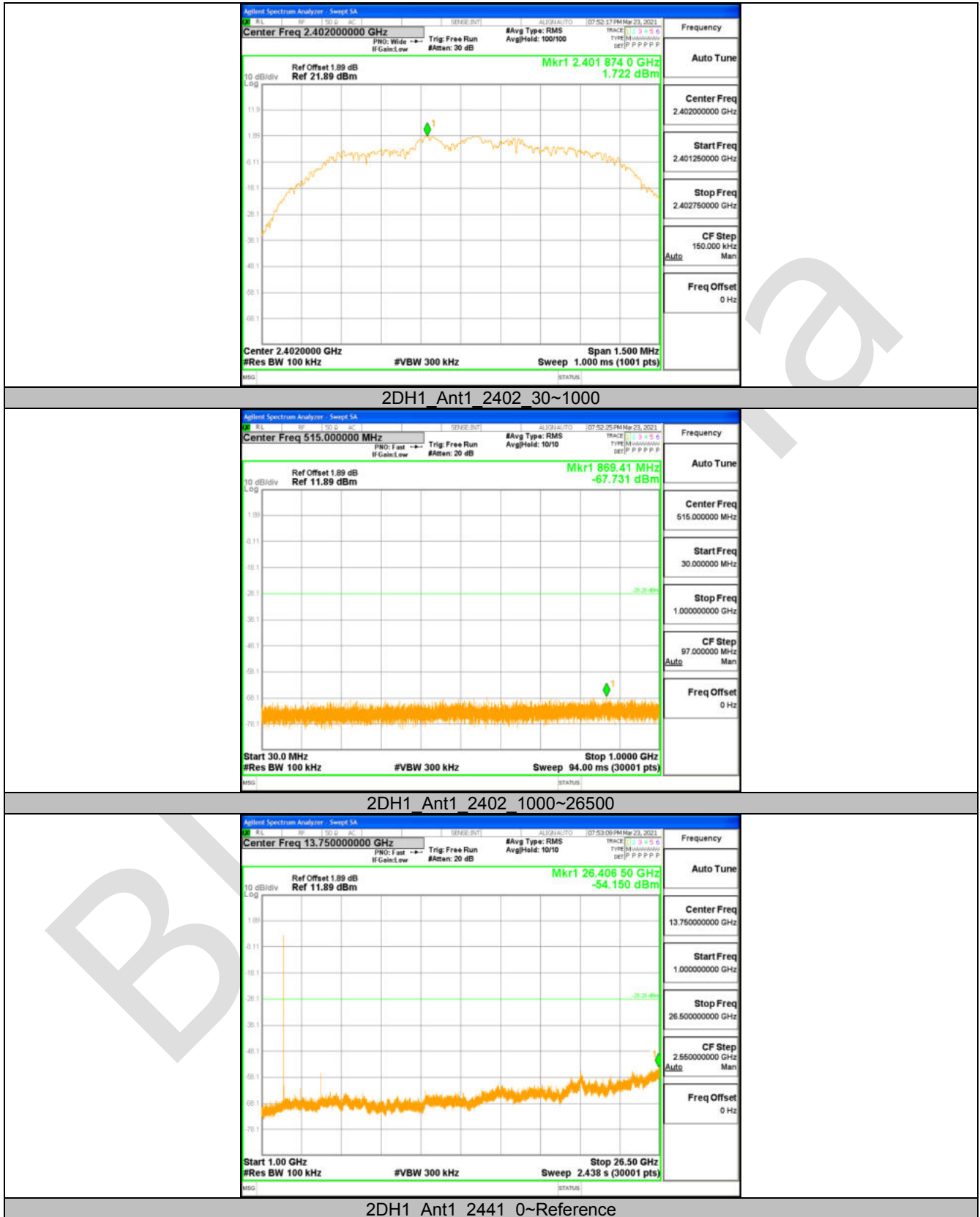
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	2402	Reference	0.73	0.73	---	PASS
			30~1000	30~1000	-67.133	<=-29.272	PASS
			1000~26500	1000~26500	-54.191	<=-29.272	PASS
		2441	Reference	1.45	1.45	---	PASS
			30~1000	30~1000	-67.354	<=-28.548	PASS
			1000~26500	1000~26500	-54.365	<=-28.548	PASS
		2480	Reference	1.51	1.51	---	PASS
			30~1000	30~1000	-66.642	<=-28.495	PASS
			1000~26500	1000~26500	-54.271	<=-28.495	PASS
2DH1	Ant1	2402	Reference	1.72	1.72	---	PASS
			30~1000	30~1000	-67.731	<=-28.278	PASS
			1000~26500	1000~26500	-54.15	<=-28.278	PASS
		2441	Reference	2.30	2.30	---	PASS
			30~1000	30~1000	-67.431	<=-27.697	PASS
			1000~26500	1000~26500	-53.263	<=-27.697	PASS
		2480	Reference	2.34	2.34	---	PASS
			30~1000	30~1000	-67.918	<=-27.663	PASS
			1000~26500	1000~26500	-53.568	<=-27.663	PASS
3DH1	Ant1	2402	Reference	1.69	1.69	---	PASS
			30~1000	30~1000	-67.681	<=-28.315	PASS
			1000~26500	1000~26500	-54.161	<=-28.315	PASS
		2441	Reference	2.43	2.43	---	PASS
			30~1000	30~1000	-67.818	<=-27.574	PASS
			1000~26500	1000~26500	-54.29	<=-27.574	PASS
		2480	Reference	2.36	2.36	---	PASS
			30~1000	30~1000	-62.348	<=-27.642	PASS
			1000~26500	1000~26500	-53.461	<=-27.642	PASS

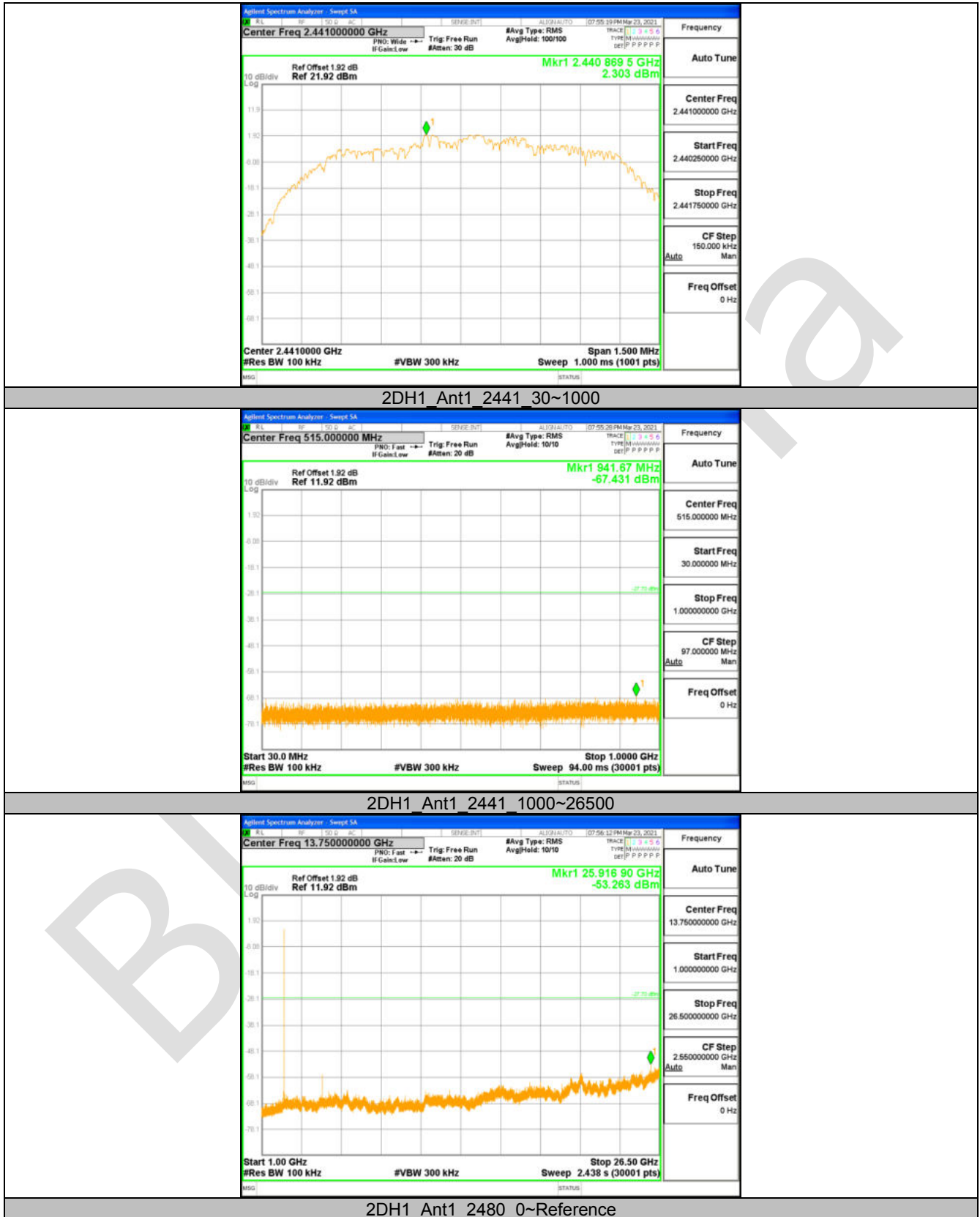
Test Graphs

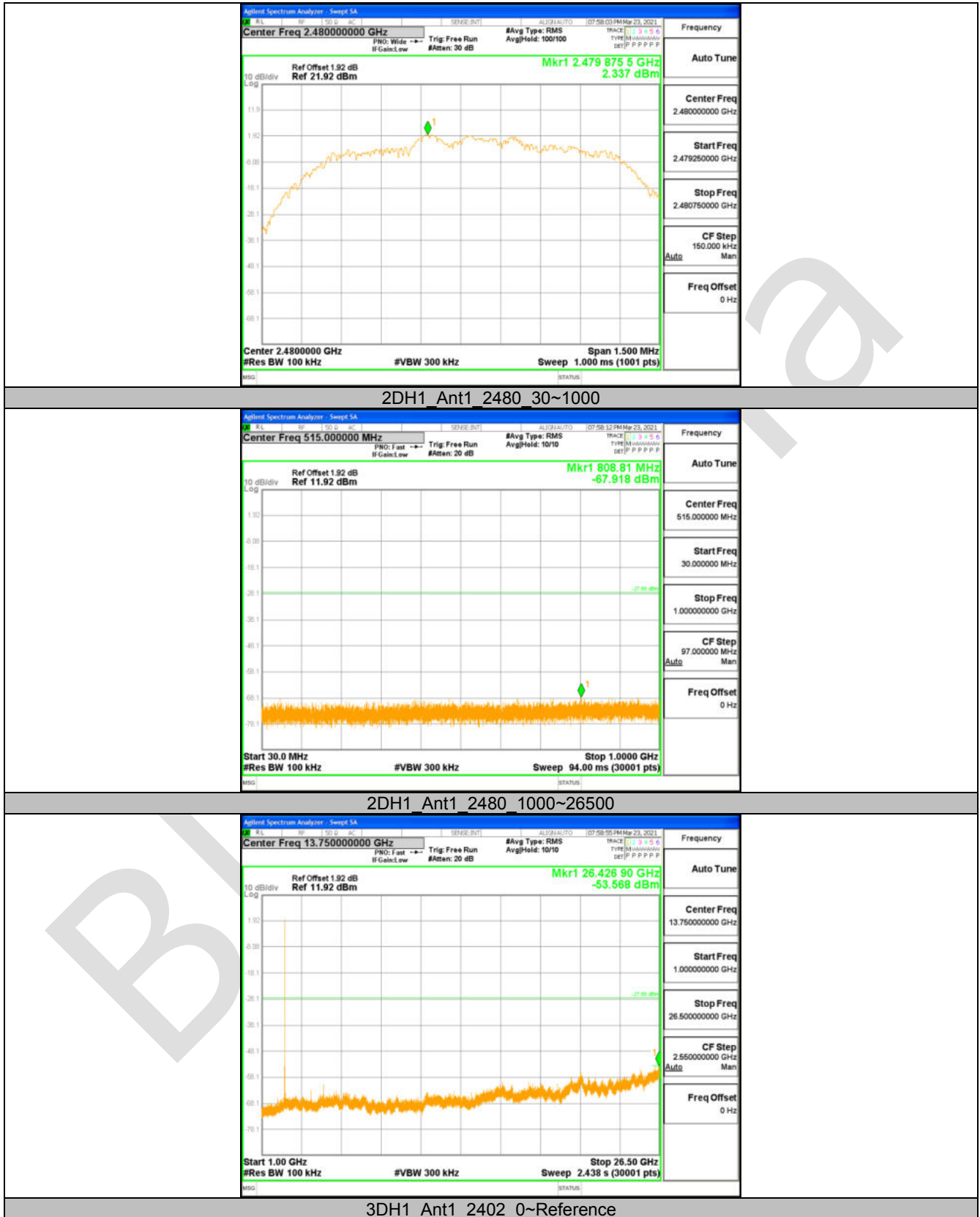


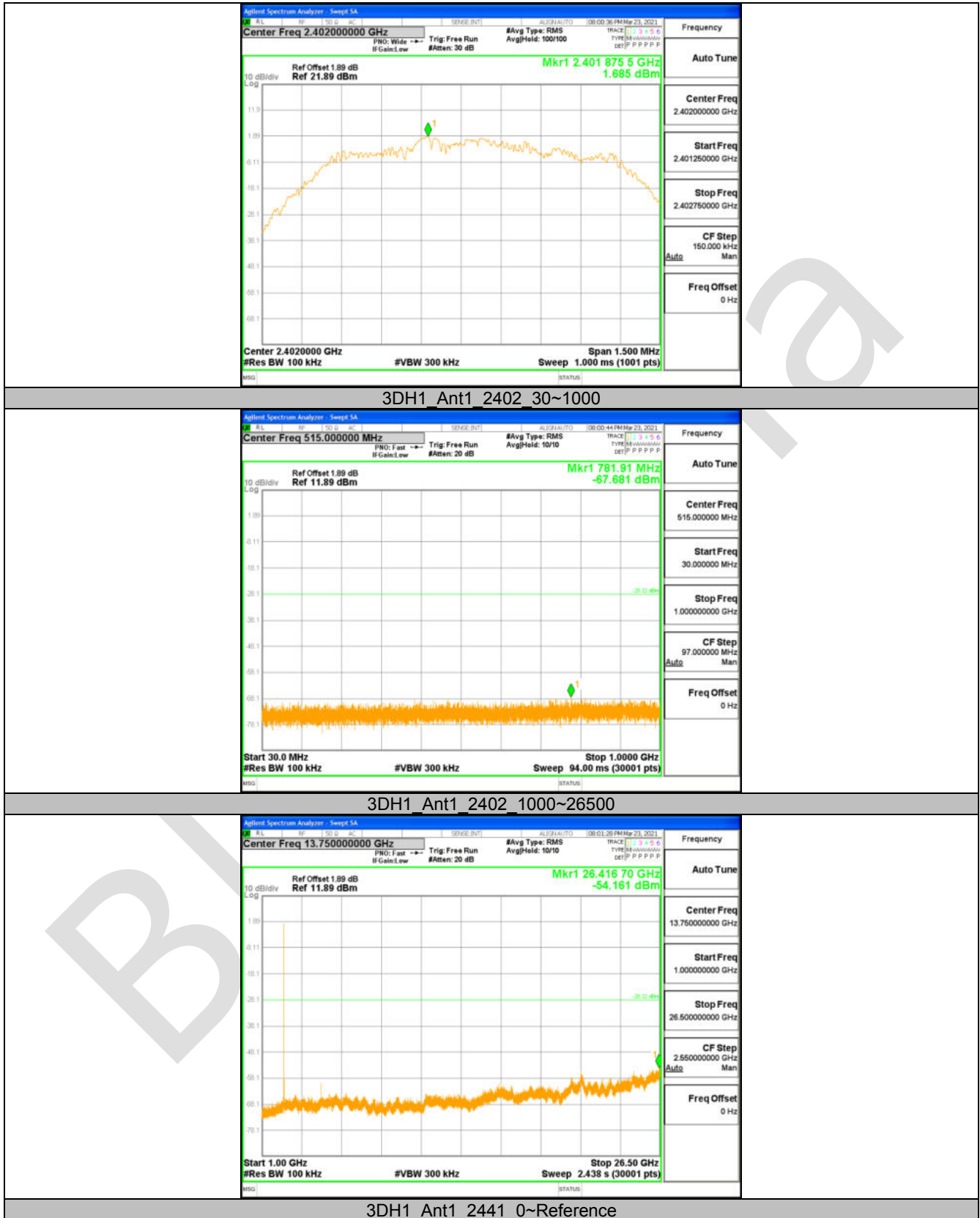


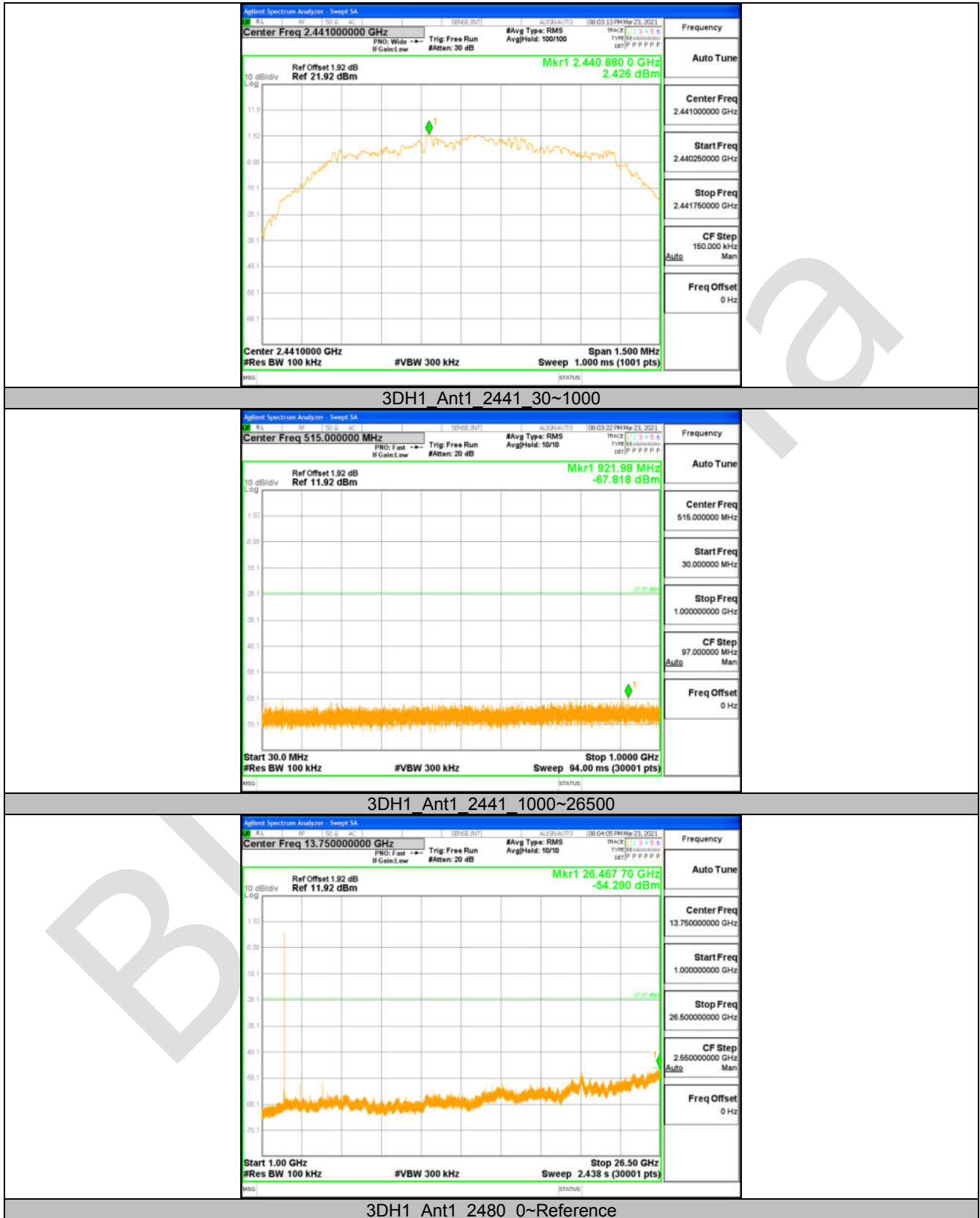


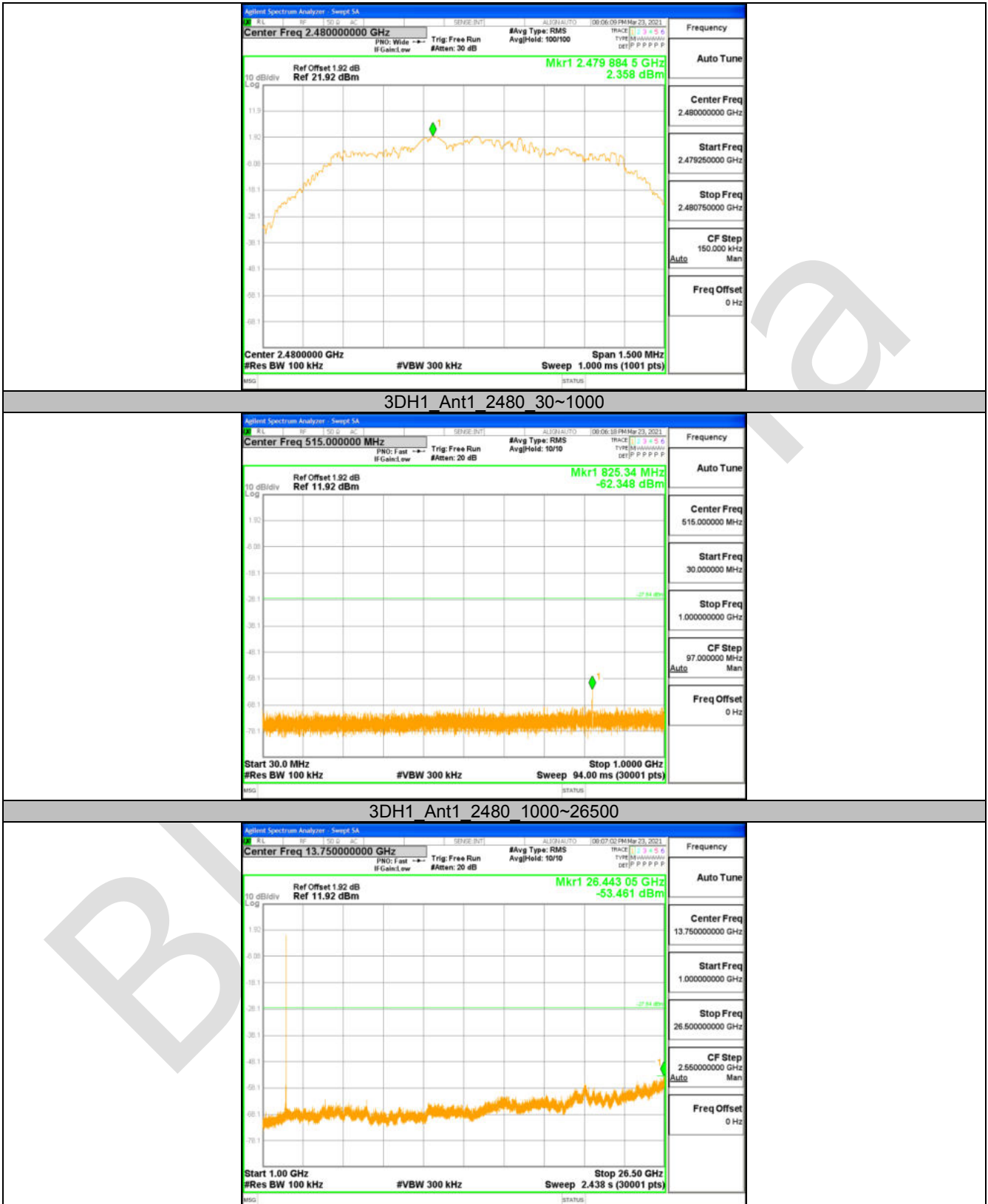










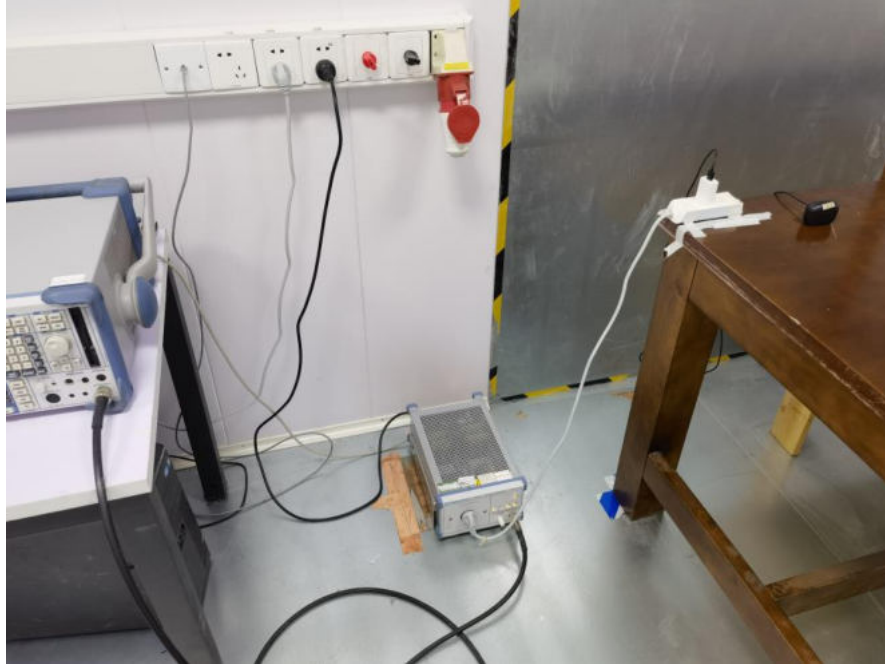


APPENDIX A: PHOTOGRAPHS OF TEST SETUP

Radiated Spurious Emissions



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



APPENDIX B: PHOTOGRAPHS OF EUT

Reference to the test report No. BLA-EMC-202103-A7201

----END OF REPORT----

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