

21 APPENDIX

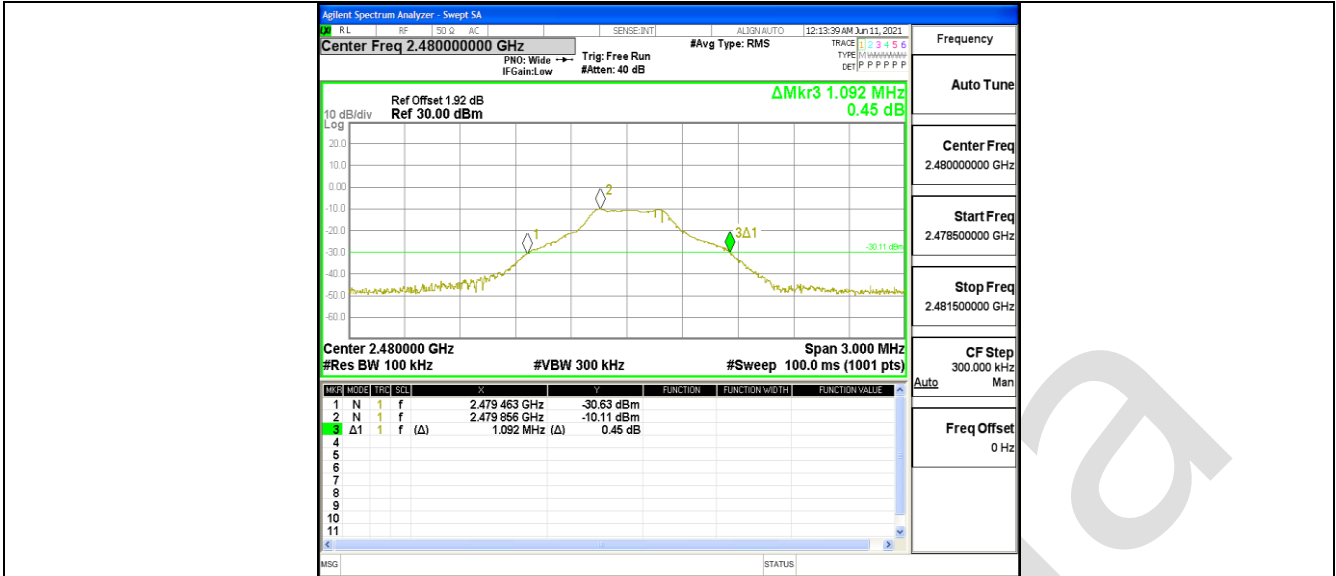
21.1 APPENDIX A: 20DB EMISSION BANDWIDTH

Test Result

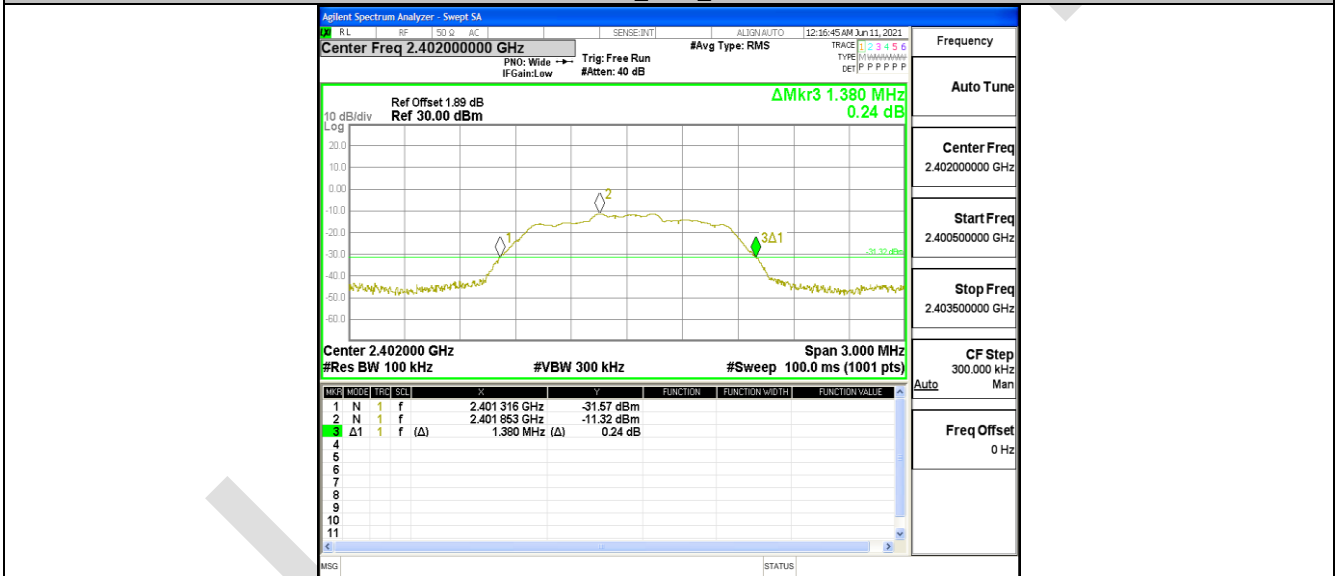
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	1.092	2401.463	2402.555	---	PASS
		2441	1.089	2440.469	2441.558	---	PASS
		2480	1.092	2479.463	2480.555	---	PASS
2DH1	Ant1	2402	1.380	2401.316	2402.696	---	PASS
		2441	1.383	2440.313	2441.696	---	PASS
		2480	1.383	2479.316	2480.699	---	PASS
3DH1	Ant1	2402	1.359	2401.325	2402.684	---	PASS
		2441	1.356	2440.328	2441.684	---	PASS
		2480	1.359	2479.325	2480.684	---	PASS

Test Graphs

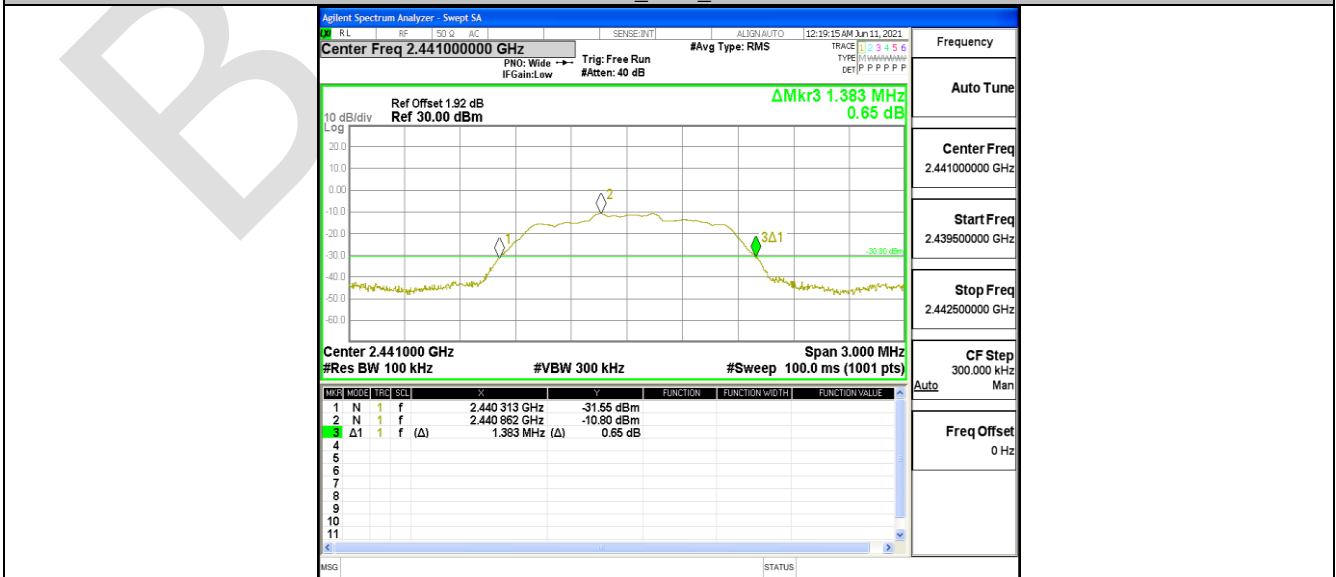




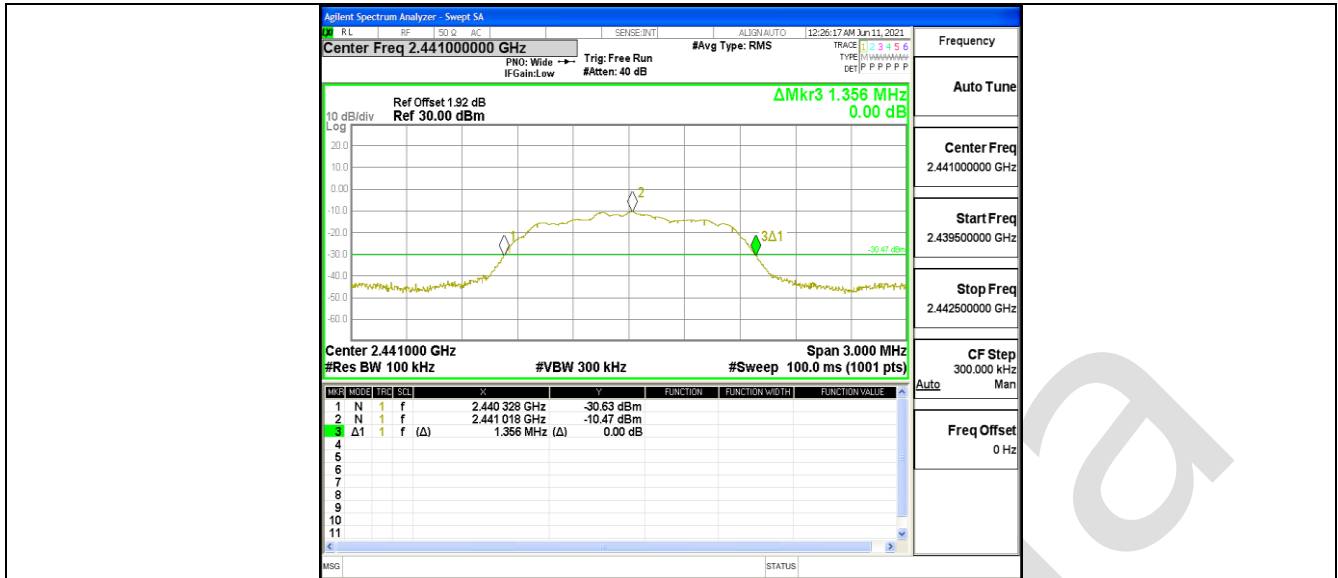
2DH1_Ant1_2402



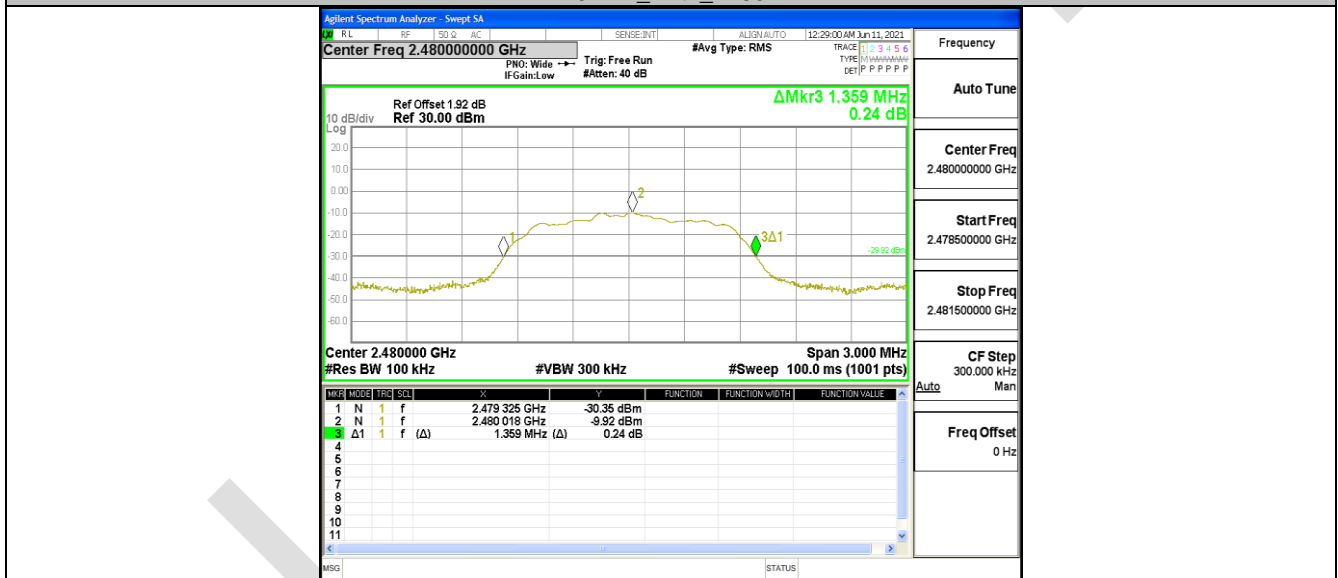
2DH1_Ant1_2441







3DH1_Ant1_2480



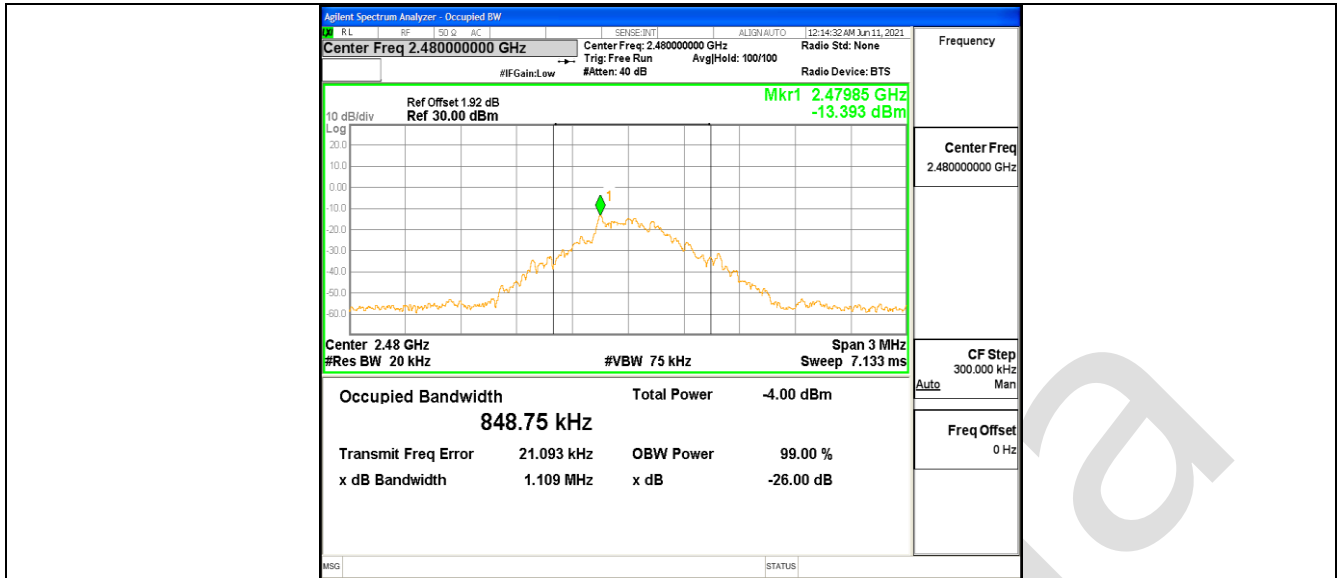
21.2 APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

Test Result

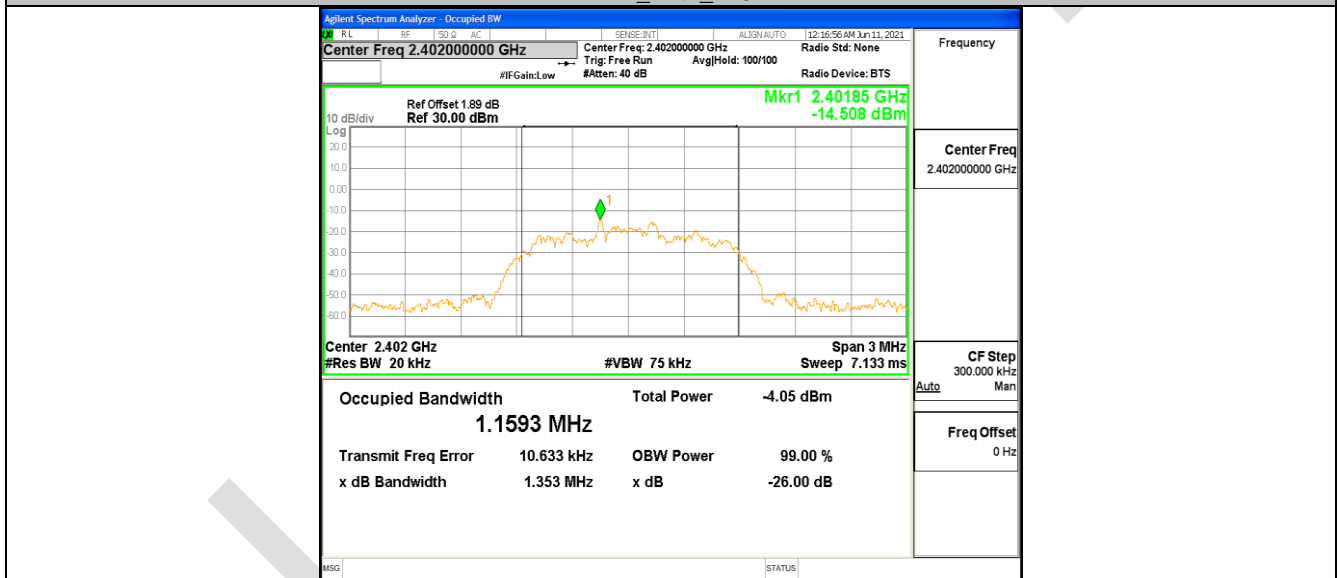
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	0.85222	2401.593	2402.445	---	PASS
		2441	0.84297	2440.600	2441.443	---	PASS
		2480	0.84875	2479.597	2480.445	---	PASS
2DH1	Ant1	2402	1.1593	2401.431	2402.590	---	PASS
		2441	1.1648	2440.429	2441.593	---	PASS
		2480	1.1594	2479.431	2480.590	---	PASS
3DH1	Ant1	2402	1.1512	2401.448	2402.600	---	PASS
		2441	1.1481	2440.451	2441.599	---	PASS
		2480	1.1509	2479.448	2480.599	---	PASS

Test Graphs

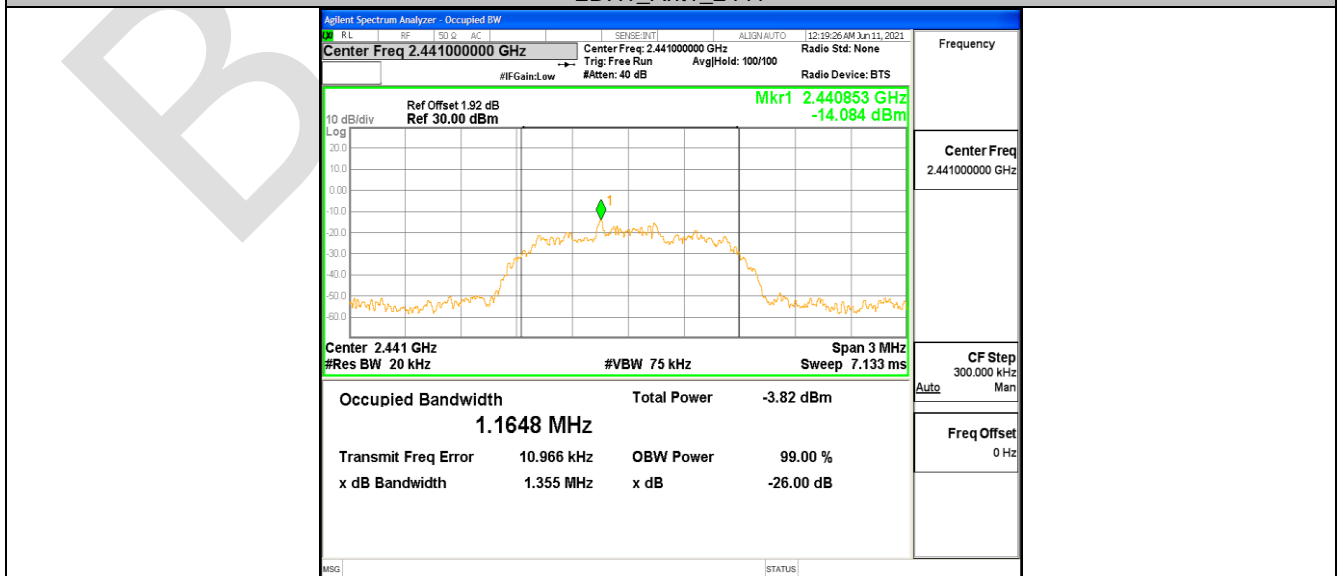


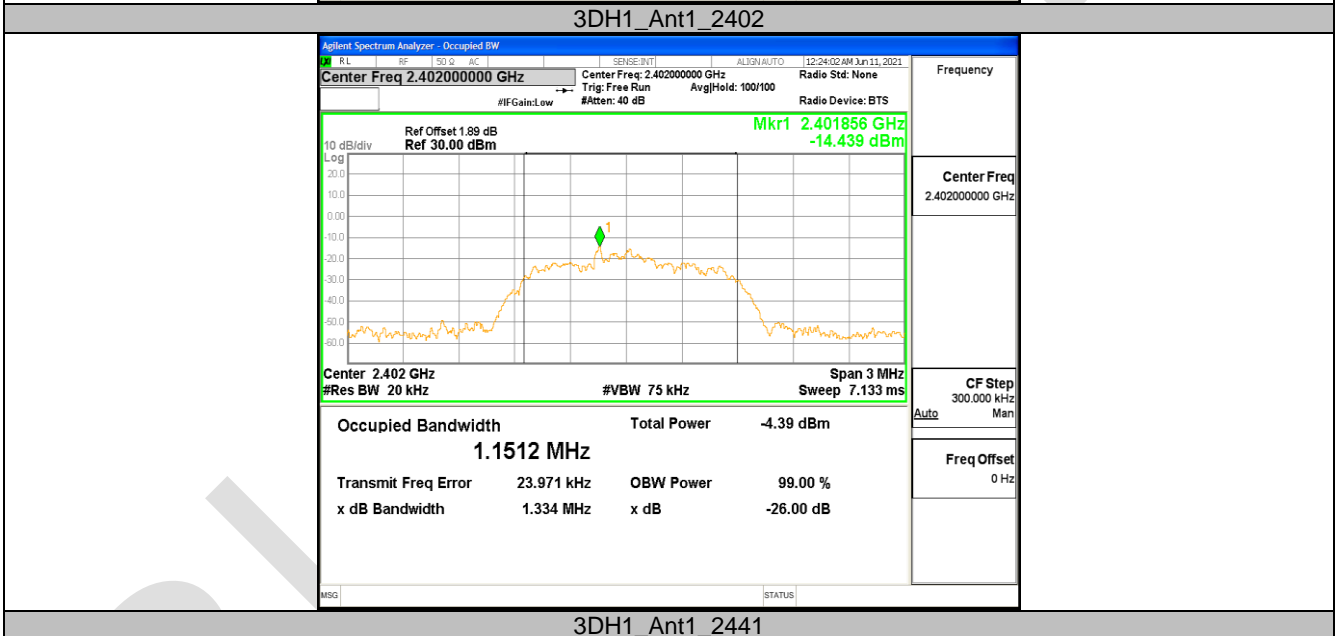
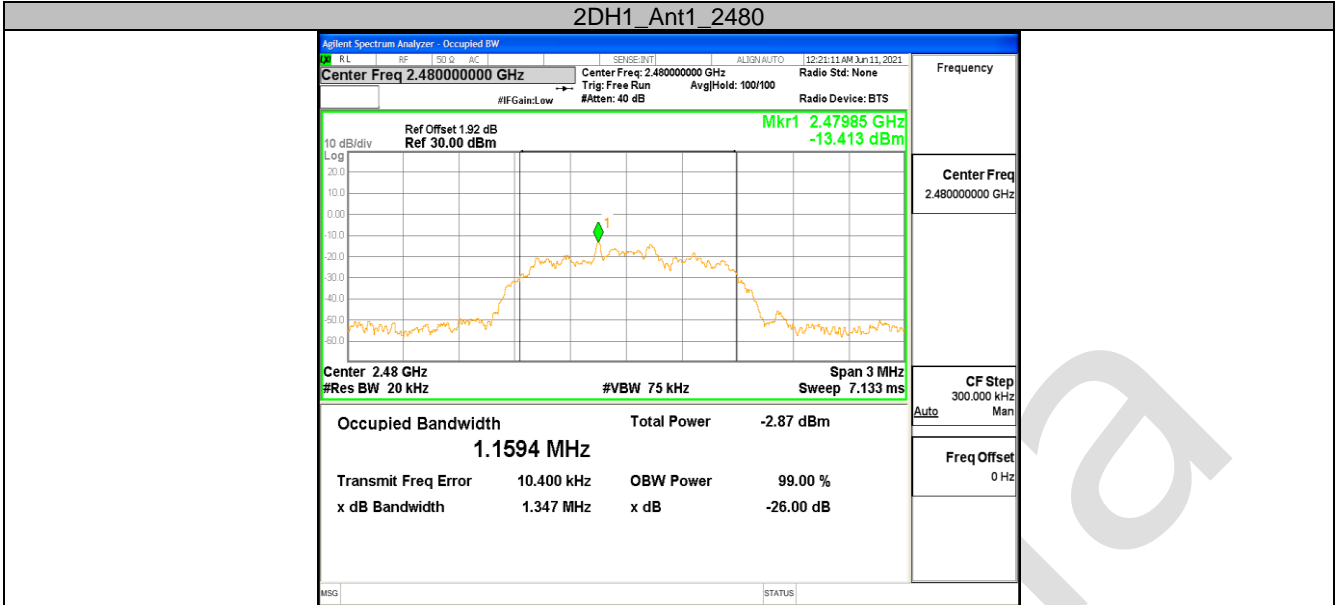


2DH1_Ant1_2402

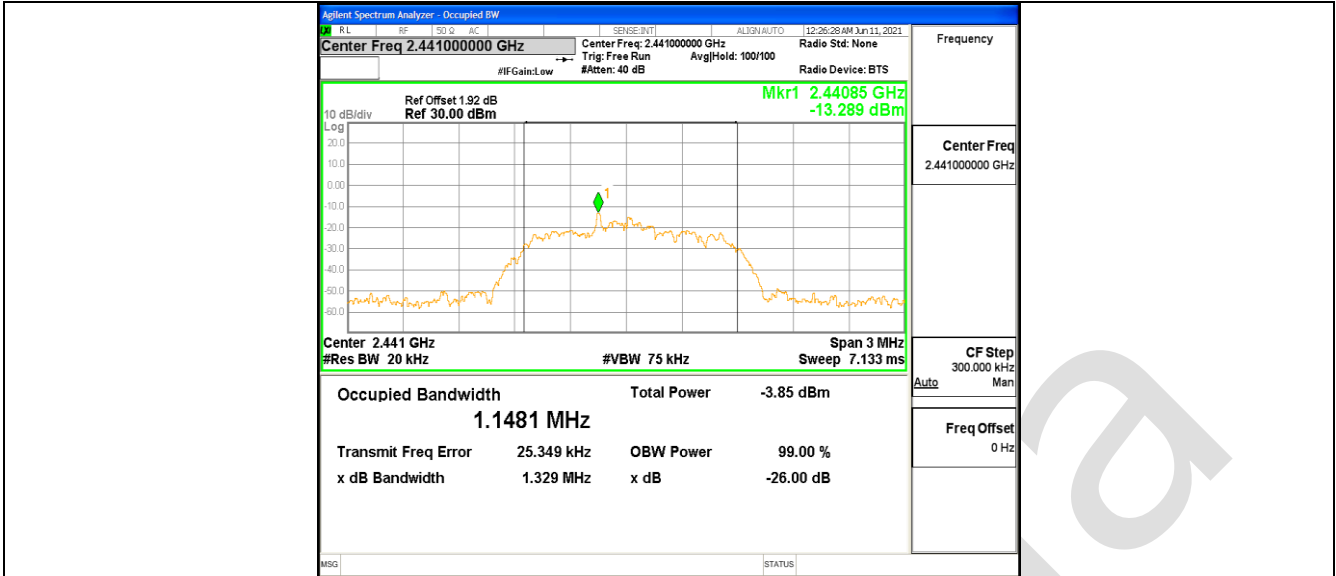


2DH1_Ant1_2441

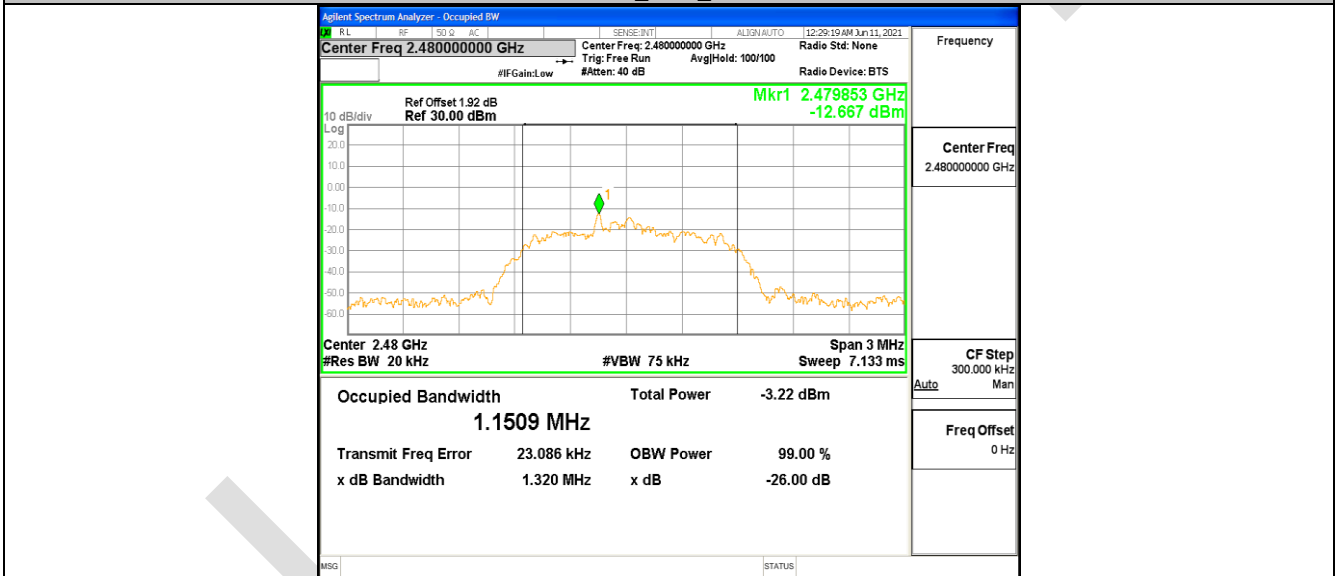




3DH1_Ant1_2441



3DH1_Ant1_2480

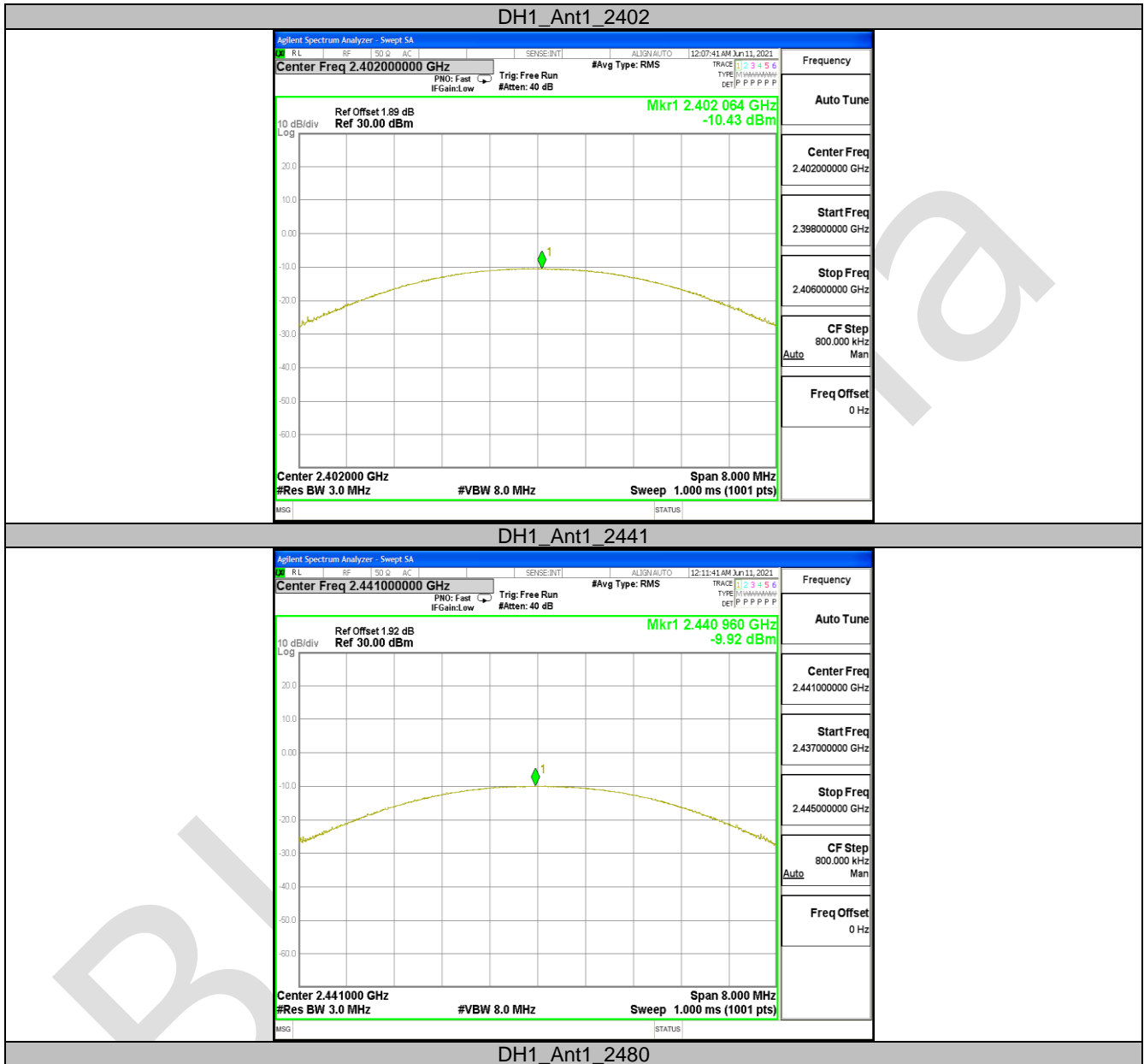


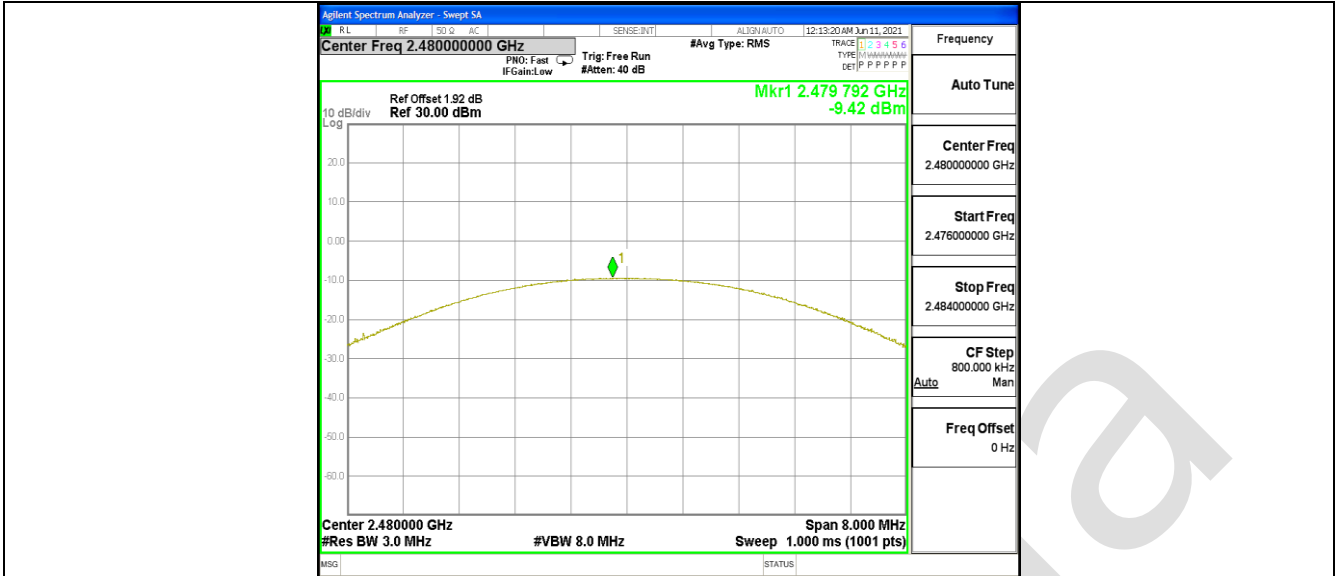
21.3 APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

Test Result

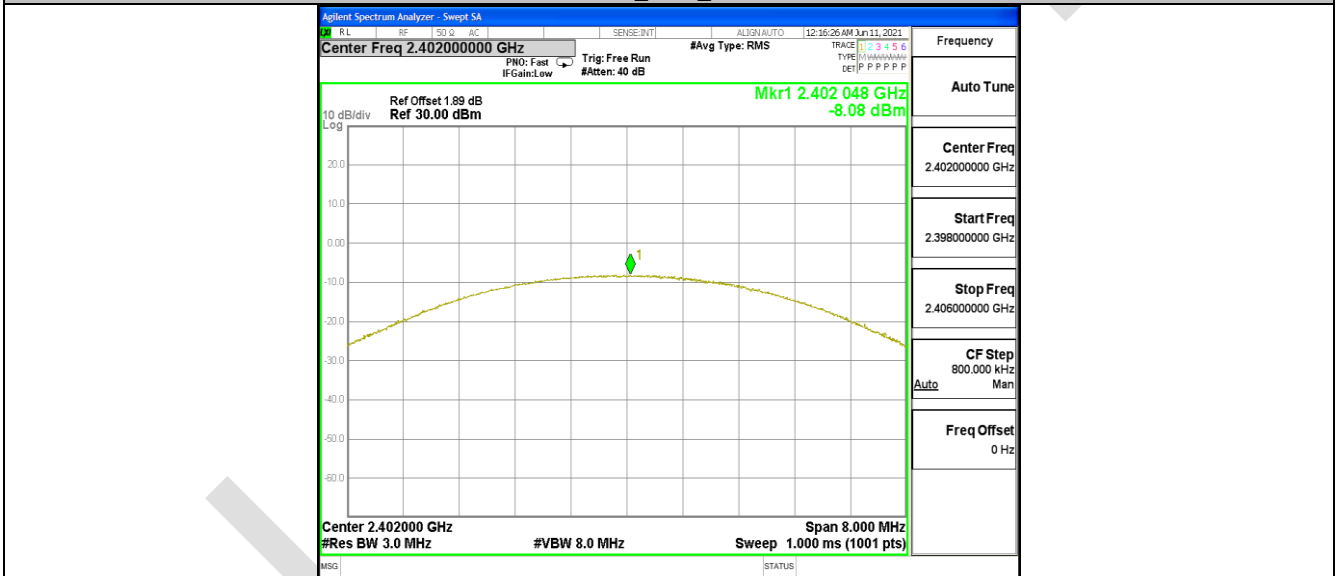
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH1	Ant1	2402	-10.43	<=30	PASS
		2441	-9.93	<=20.97	PASS
		2480	-9.42	<=20.97	PASS
2DH1	Ant1	2402	-8.08	<=30	PASS
		2441	-7.57	<=20.97	PASS
		2480	-6.92	<=20.97	PASS
3DH1	Ant1	2402	-7.23	<=30	PASS
		2441	-6.63	<=20.97	PASS
		2480	-6.09	<=20.97	PASS

Test Graphs

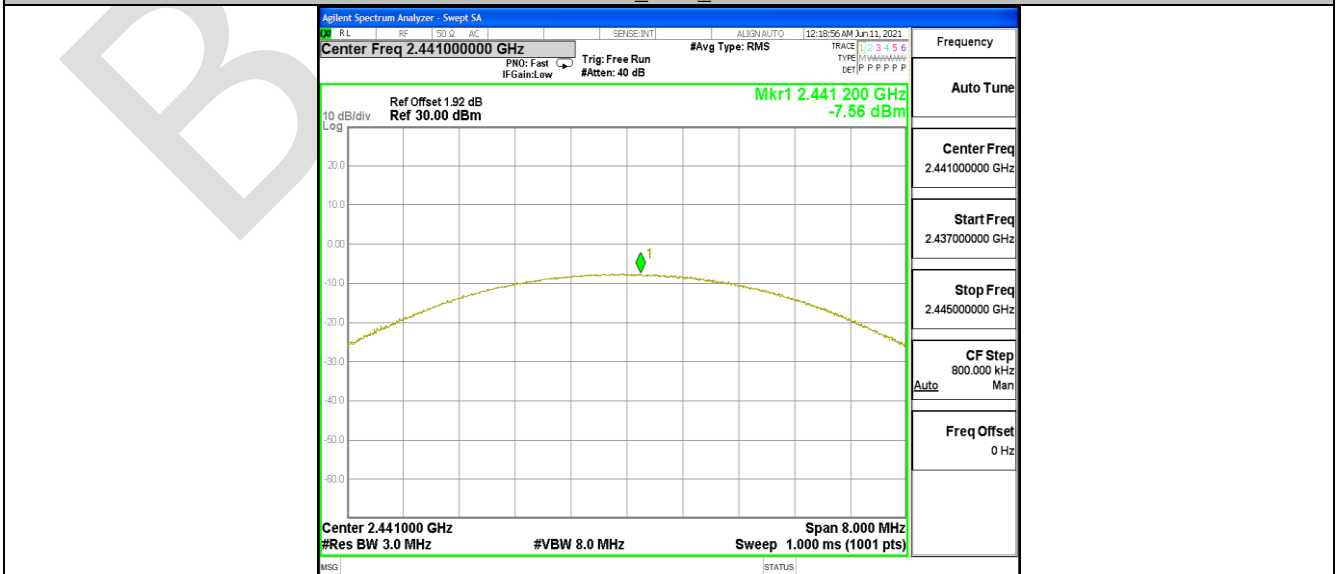




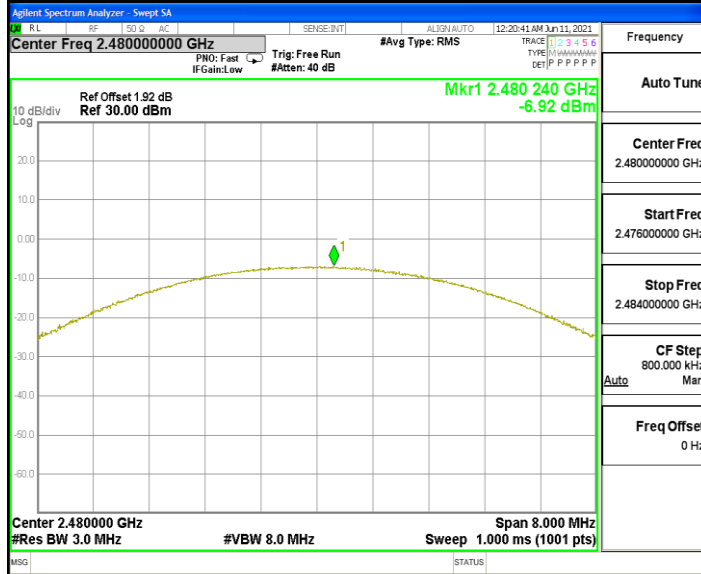
2DH1_Ant1_2402



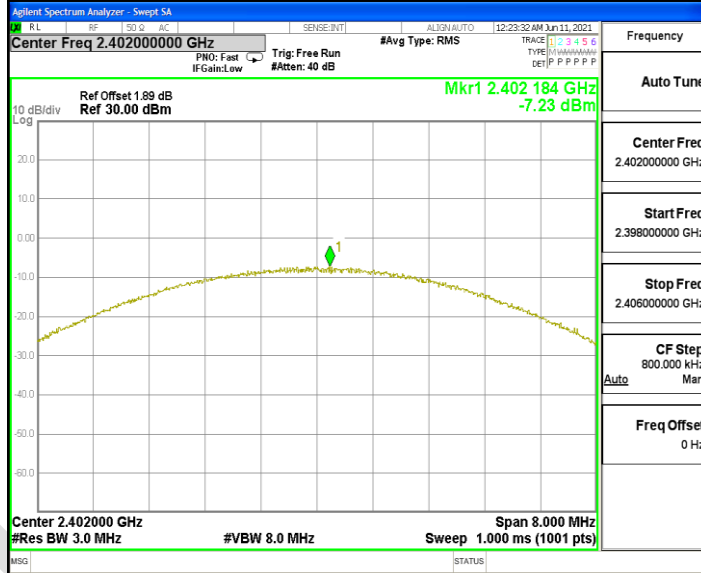
2DH1_Ant1_2441



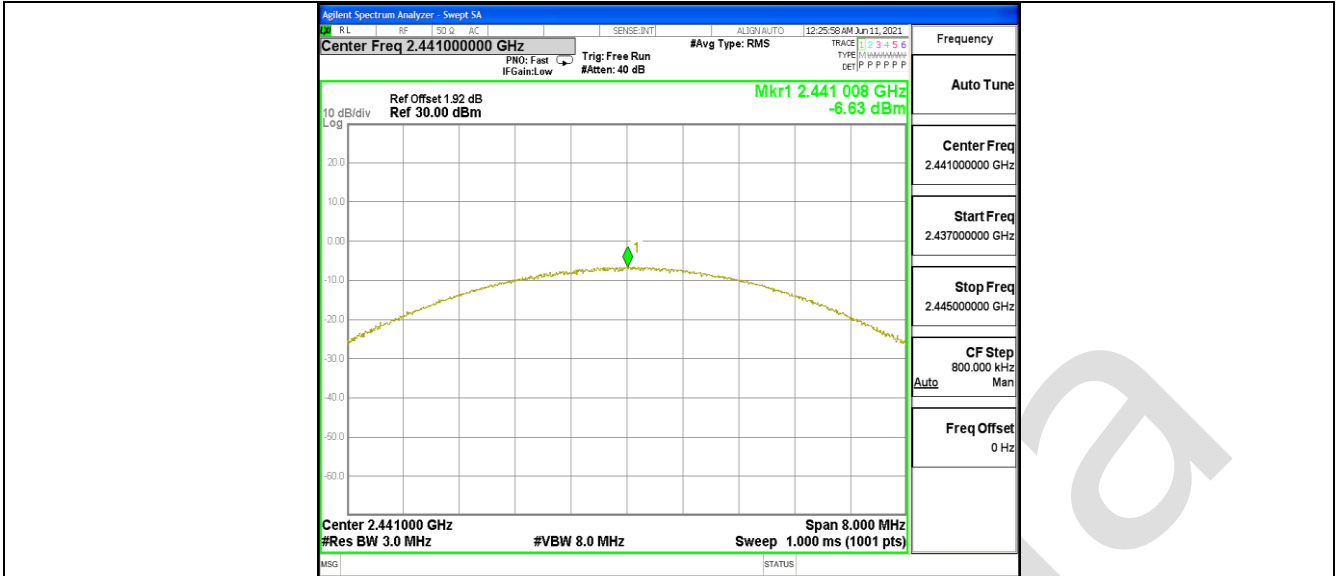
2DH1_Ant1_2480



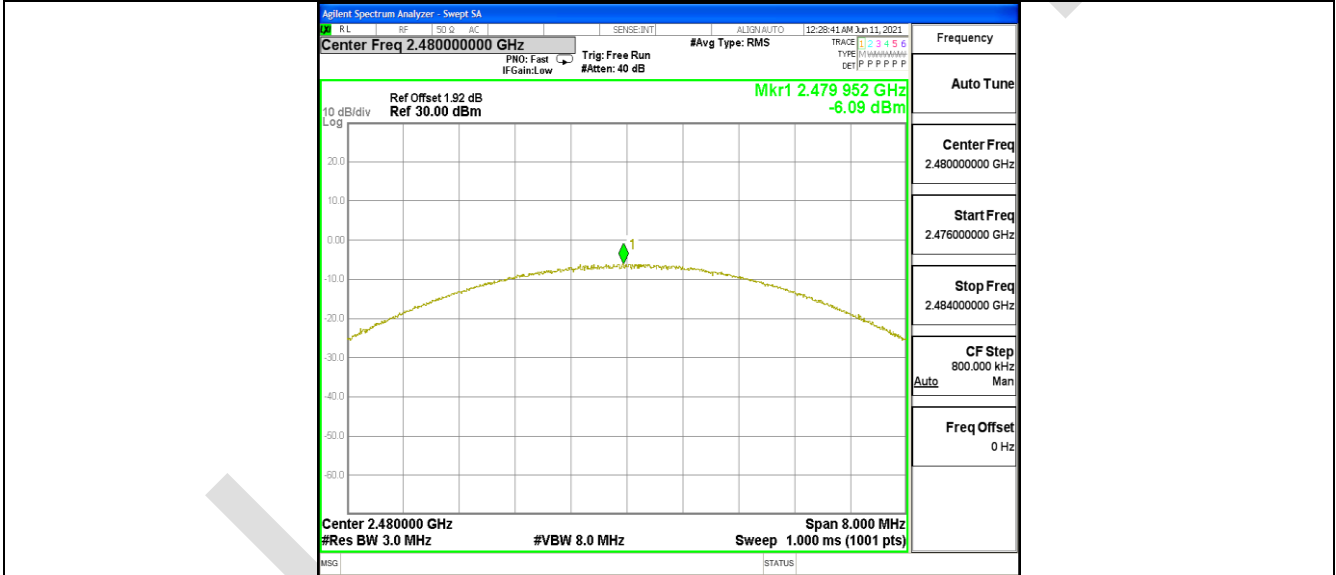
3DH1_Ant1_2402



3DH1_Ant1_2441



3DH1_Ant1_2480

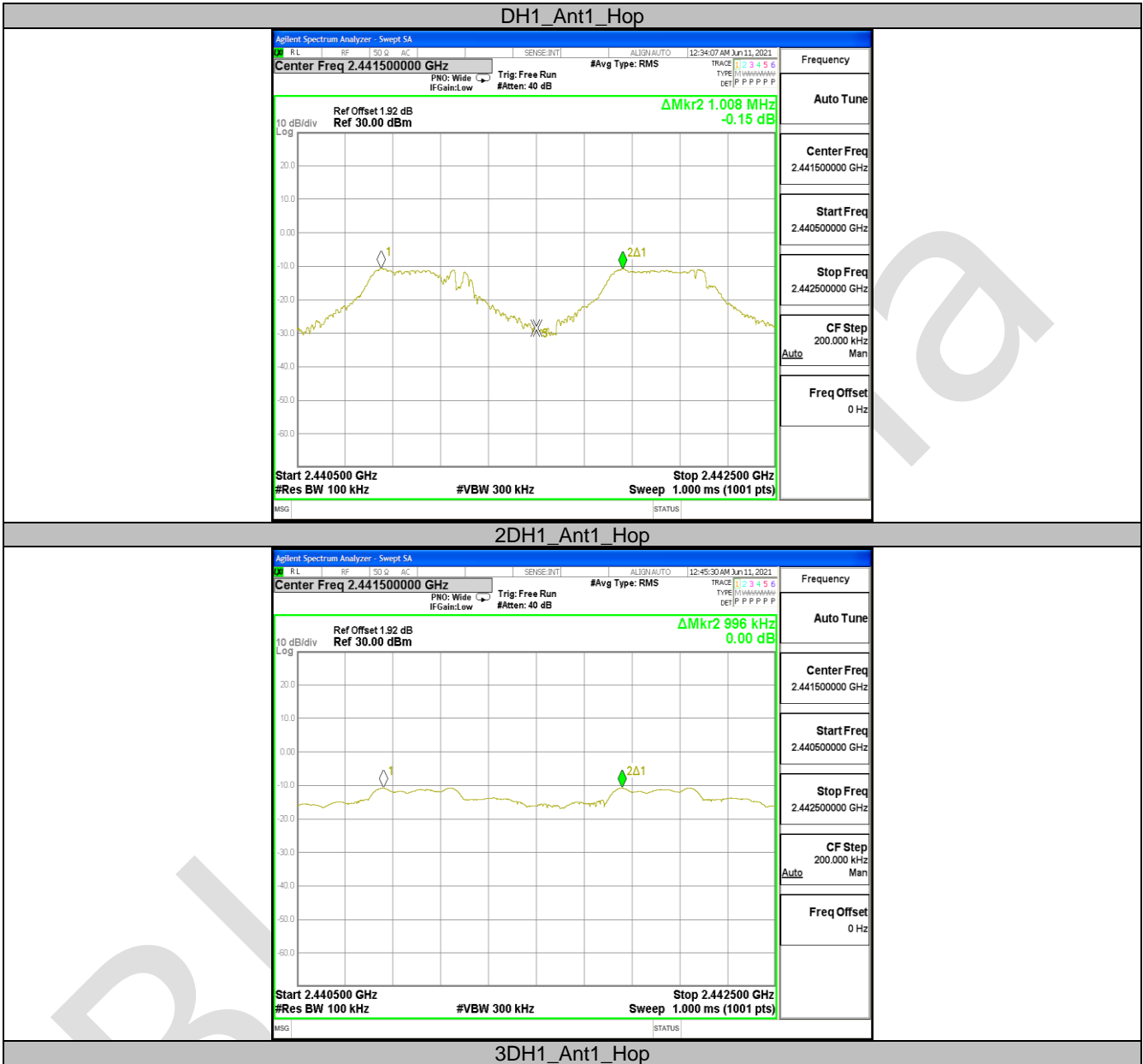


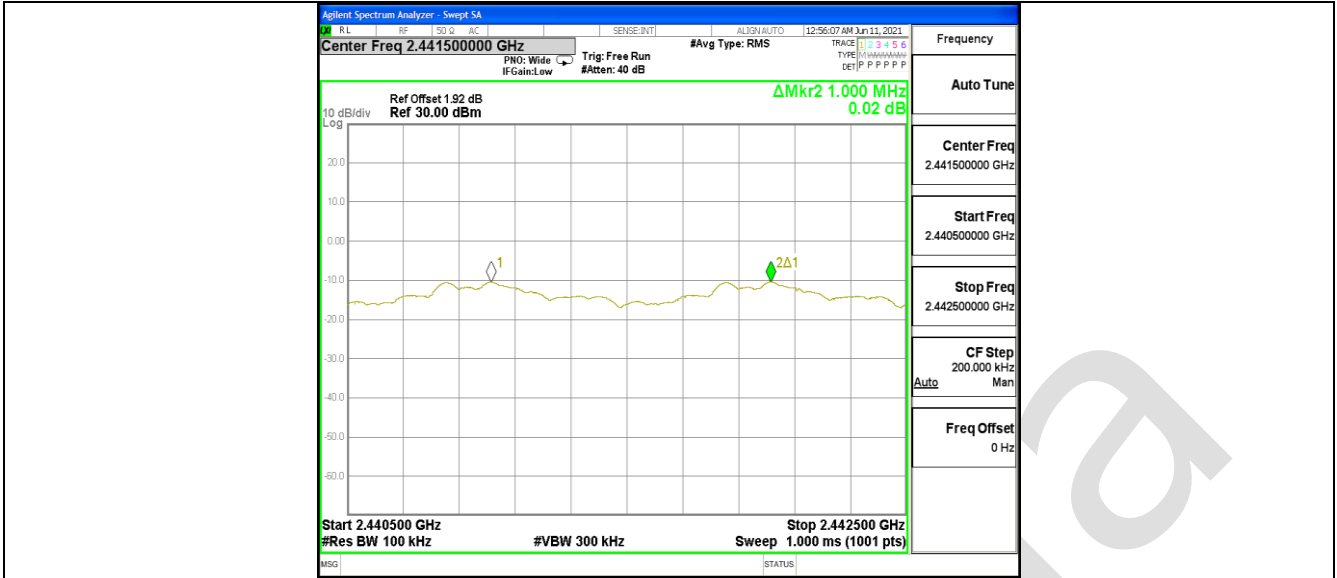
21.4 APPENDIX D: CARRIER FREQUENCY SEPARATION**Test Result**

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop	1.008	≥ 0.728	PASS
2DH1	Ant1	Hop	0.996	≥ 0.922	PASS
3DH1	Ant1	Hop	1	≥ 0.906	PASS

BlueAsia

Test Graphs



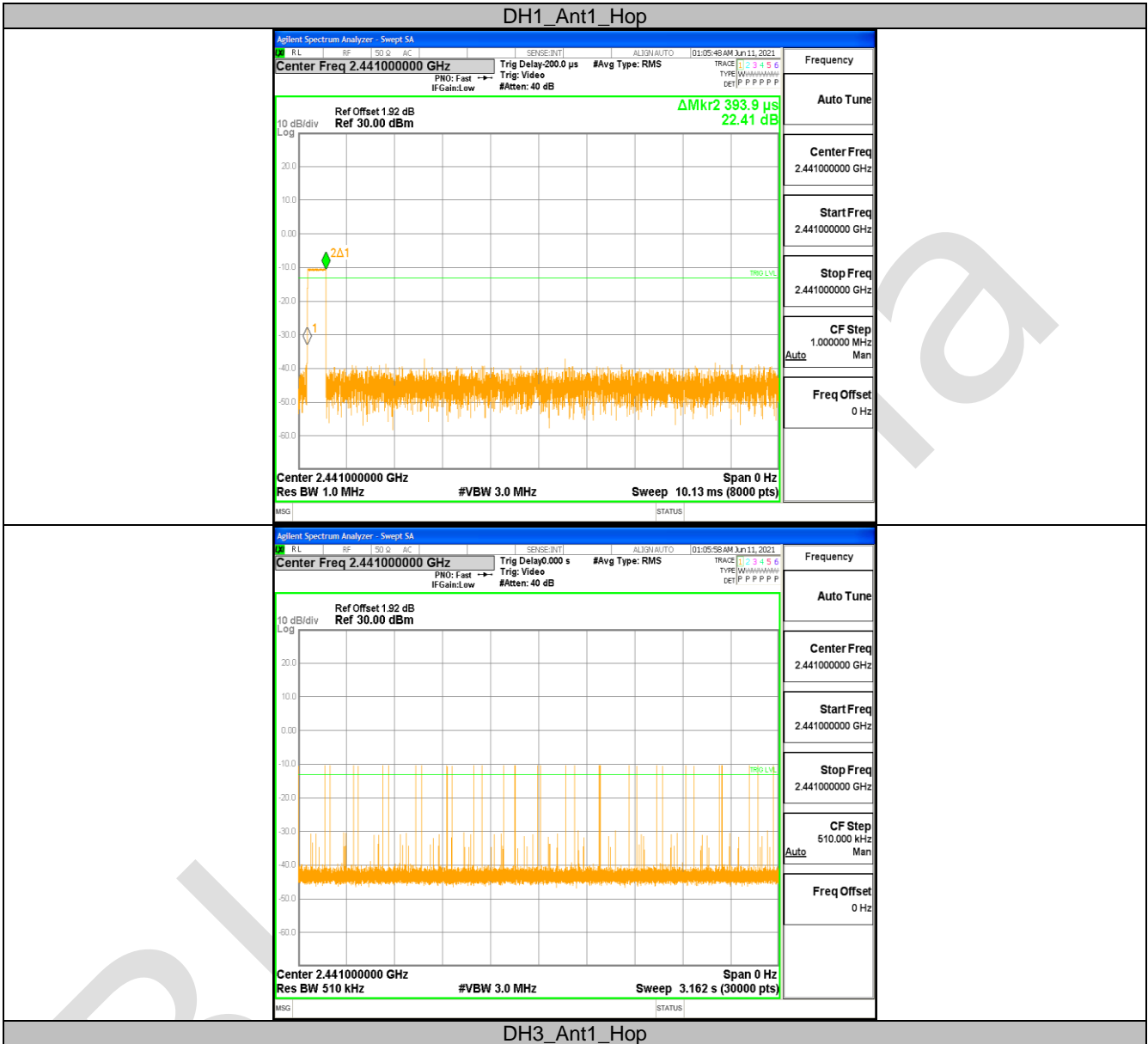


21.5 APPENDIX E: TIME OF OCCUPANCY**Test Result**

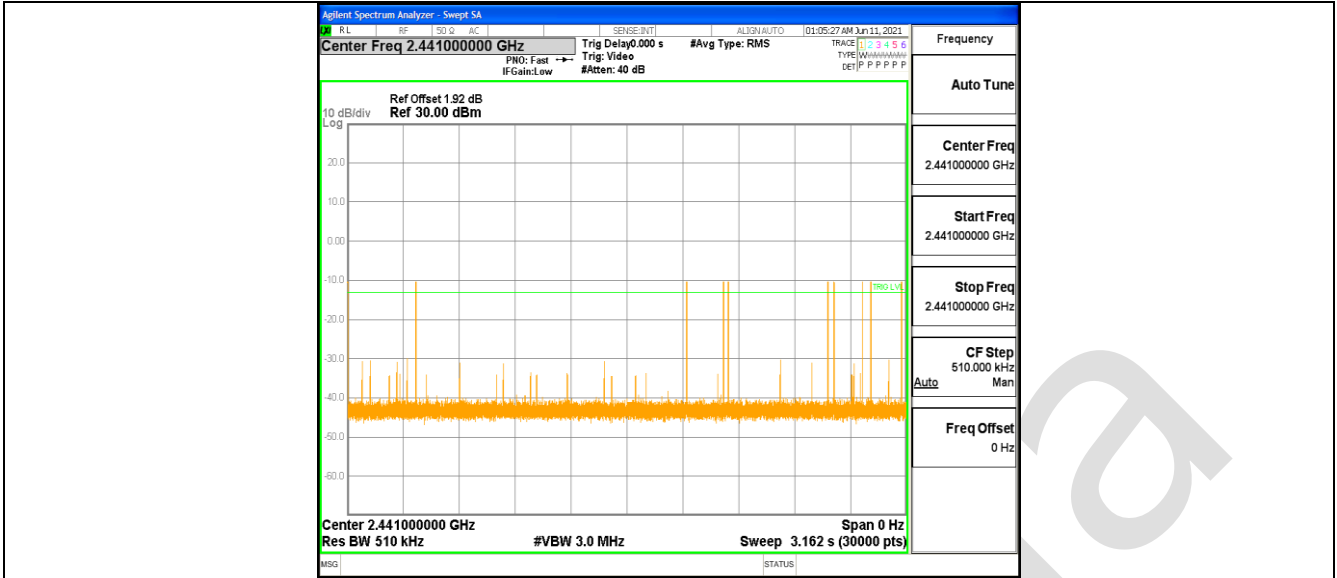
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.39	330	0.13	<=0.4	PASS
DH3	Ant1	Hop	1.65	190	0.313	<=0.4	PASS
DH5	Ant1	Hop	2.90	100	0.29	<=0.4	PASS

BlueAsia

Test Graphs







BlueAsia

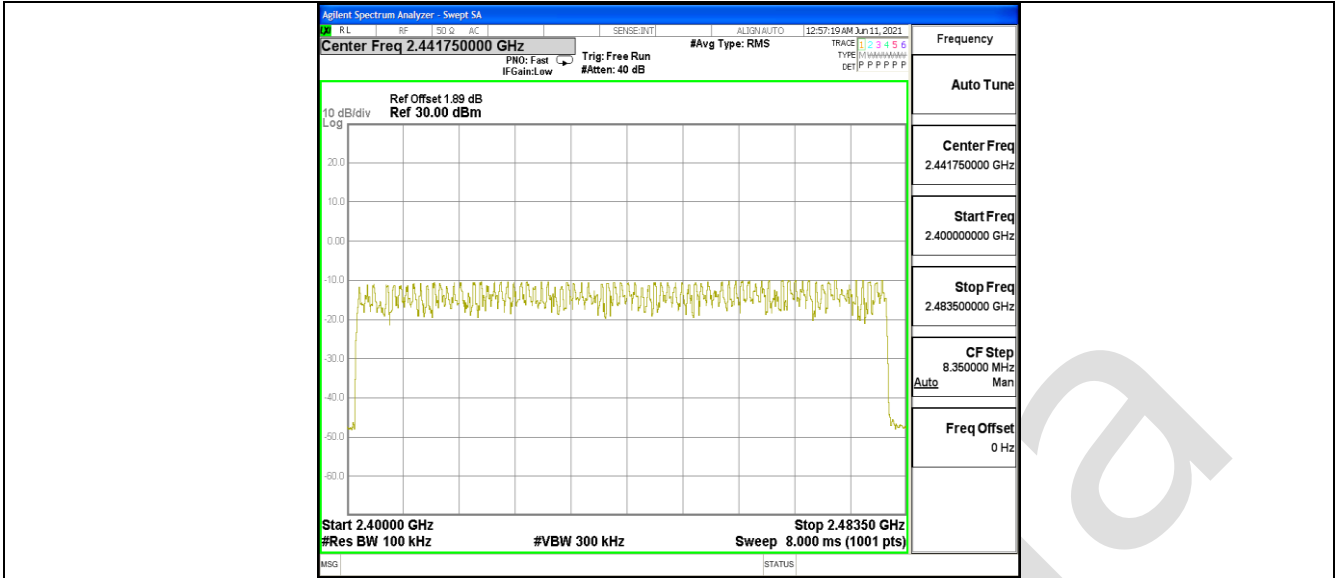
21.6 APPENDIX F: NUMBER OF HOPPING CHANNELS**Test Result**

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

BlueAsia

Test Graphs



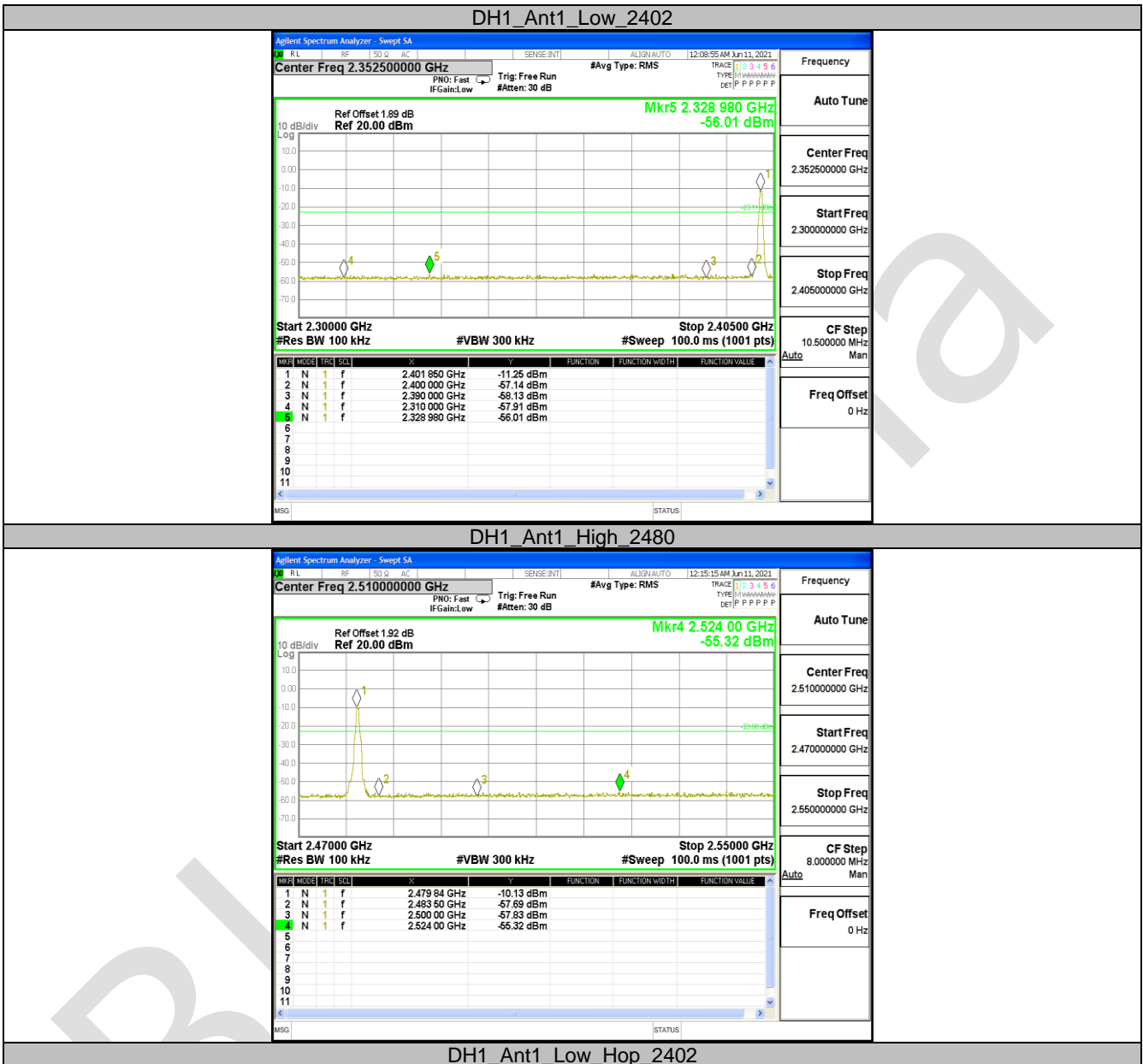


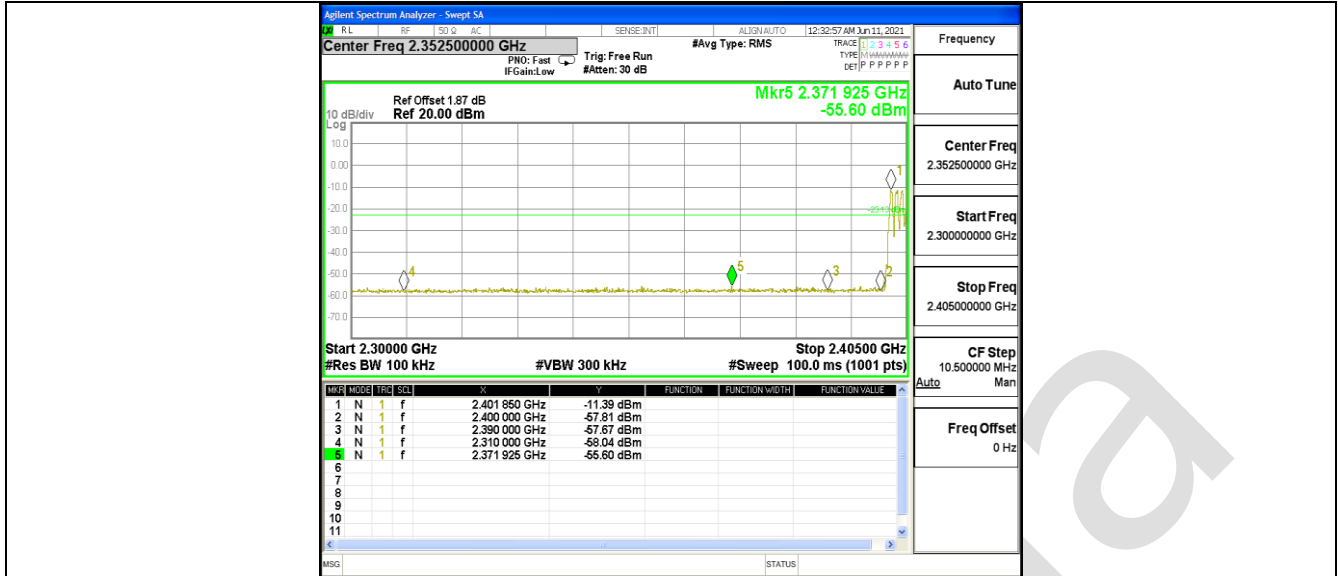
BlueAsia

21.7 APPENDIX G: BAND EDGE MEASUREMENTS
Test Result

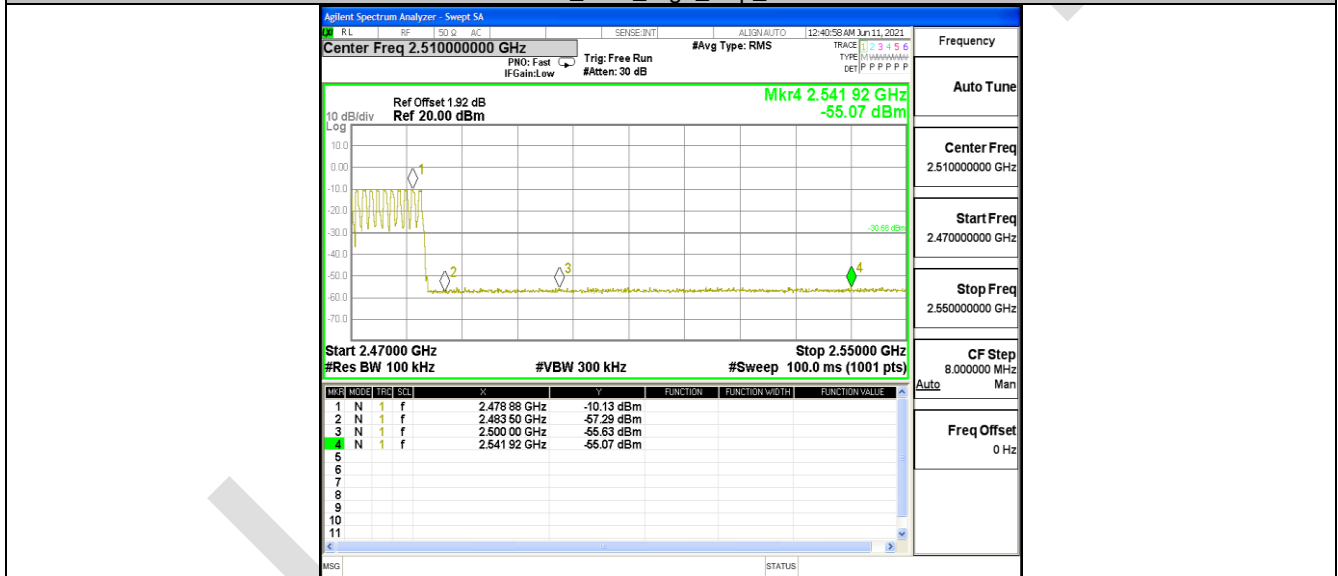
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	Low	2402	-11.25	-56.01	$\leq 9.91E+37$	PASS
		High	2480	-10.13	-55.32	$\leq 9.91E+37$	PASS
		Low	Hop_2402	-11.39	-55.6	$\leq 9.91E+37$	PASS
		High	Hop_2480	-10.13	-55.07	≤ -30.68	PASS
2DH1	Ant1	Low	2402	-11.95	-55.75	≤ -31.95	PASS
		High	2480	-10.30	-55.49	≤ -30.3	PASS
		Low	Hop_2402	-11.76	-55.93	$\leq 9.91E+37$	PASS
		High	Hop_2480	-10.31	-54.95	$\leq 9.91E+37$	PASS
3DH1	Ant1	Low	2402	-11.11	-55.97	≤ -31.11	PASS
		High	2480	-9.96	-55.43	$\leq 9.91E+37$	PASS
		Low	Hop_2402	-11.25	-55.14	≤ -31.25	PASS
		High	Hop_2480	-9.93	-50.05	$\leq 9.91E+37$	PASS

Test Graphs

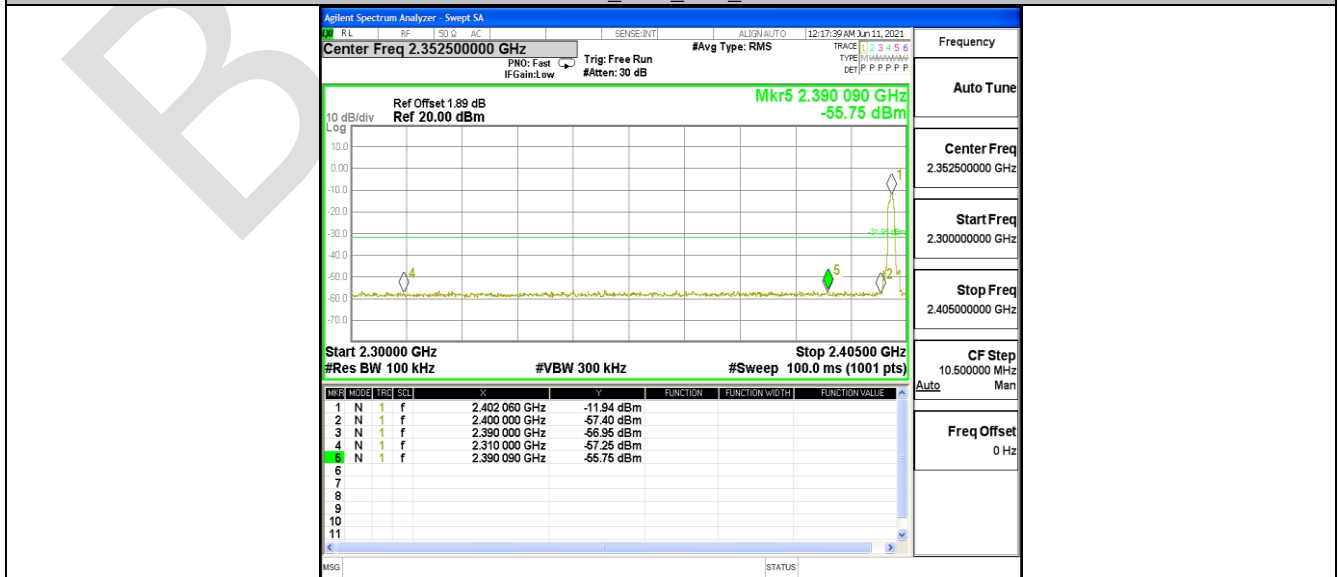




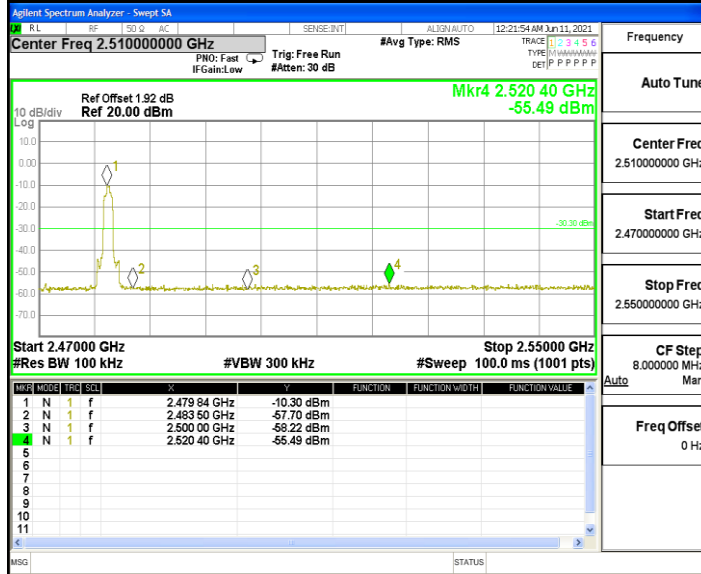
DH1_Ant1_High_Hop_2480



2DH1_Ant1_Low_2402

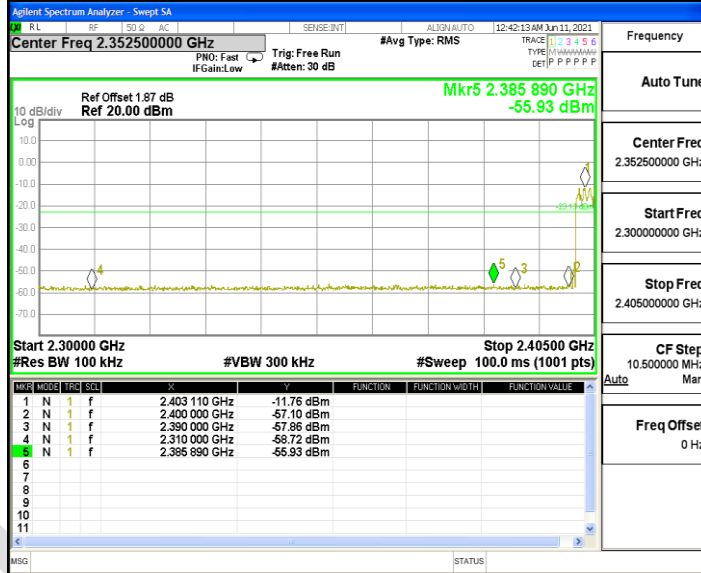


2DH1_Ant1_High_2480



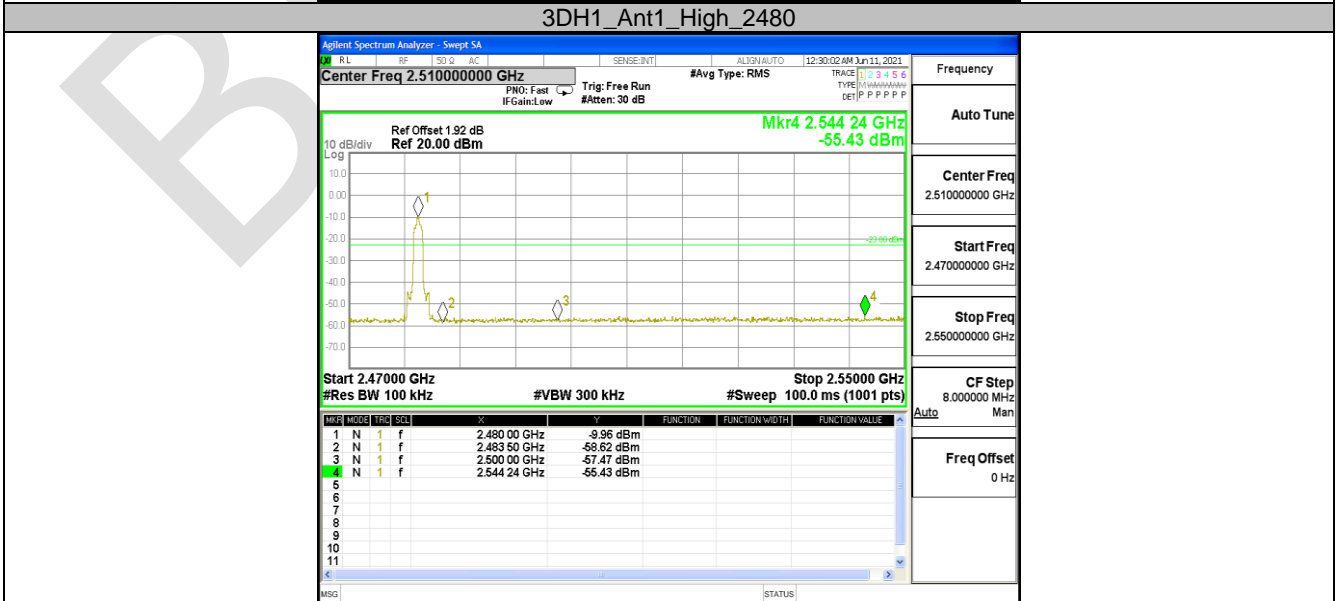
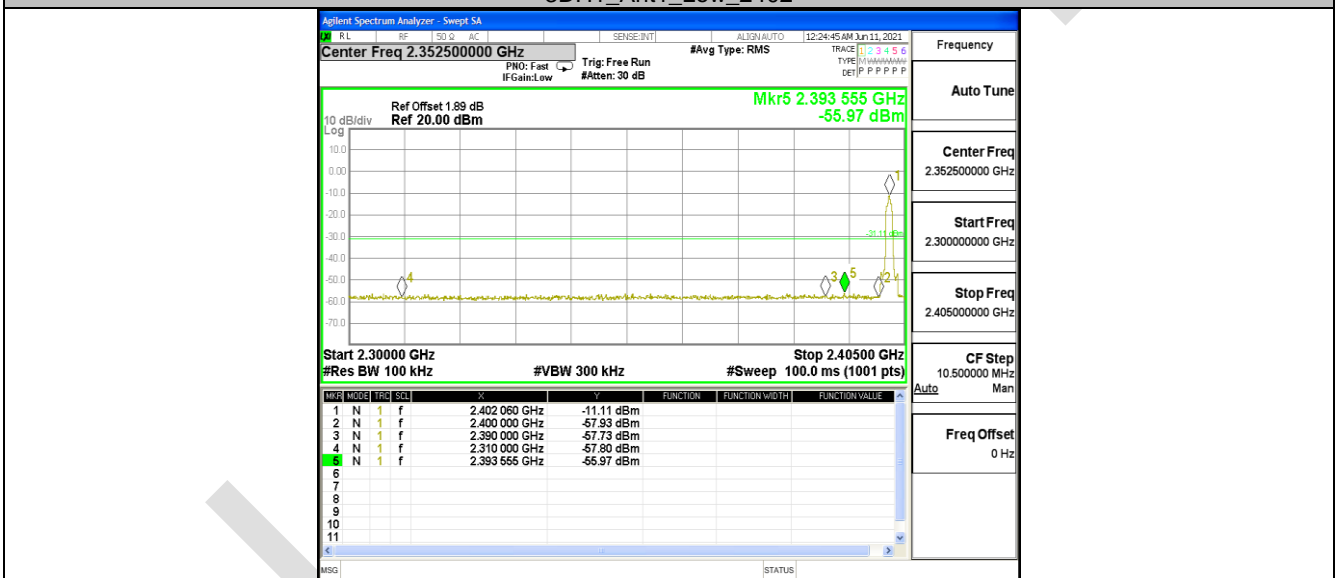
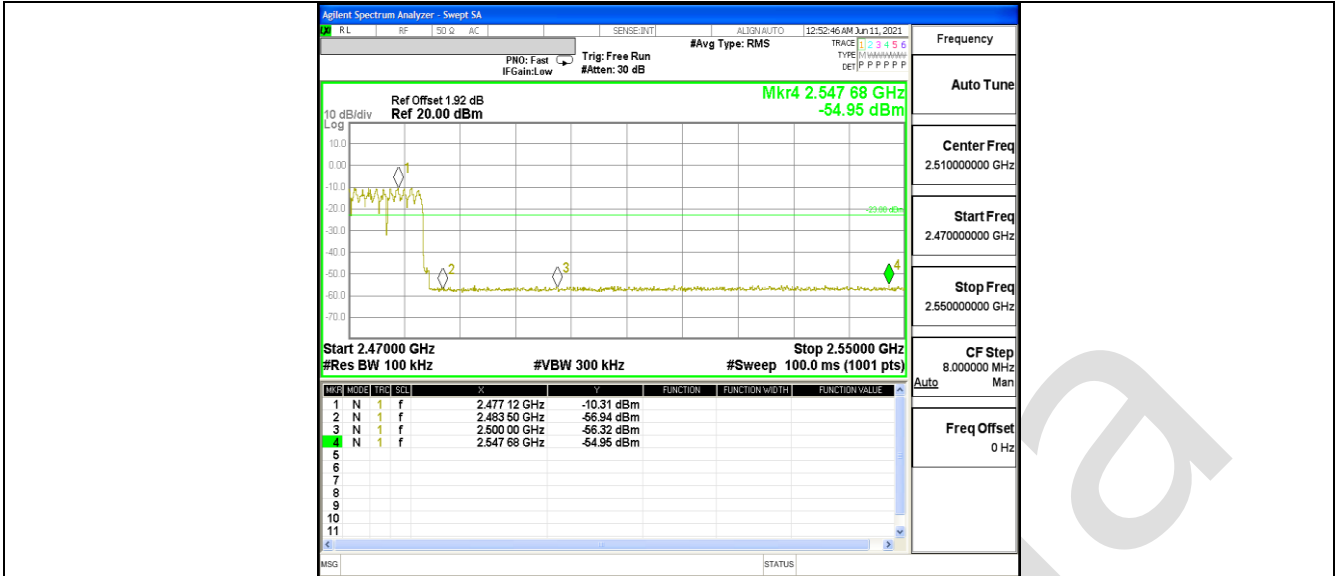
Frequency	Auto Tune
Center Freq	2.510000000 GHz
Start Freq	2.470000000 GHz
Stop Freq	2.550000000 GHz
CF Step	8.000000 MHz
Auto	Man
Freq Offset	0 Hz

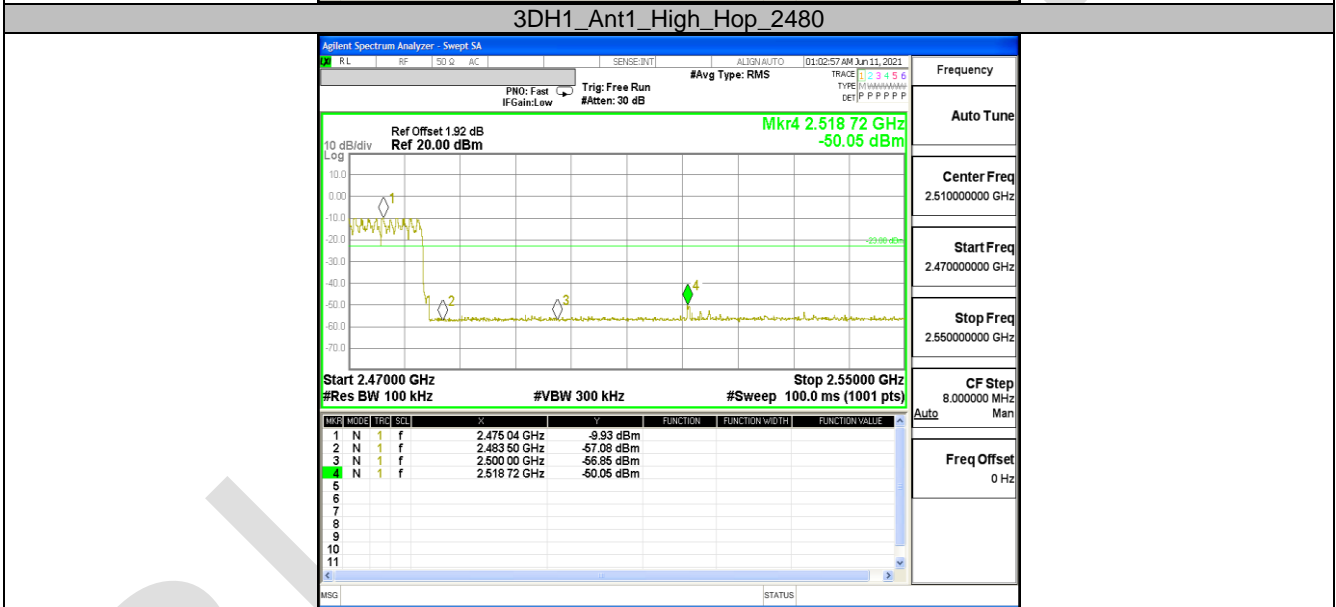
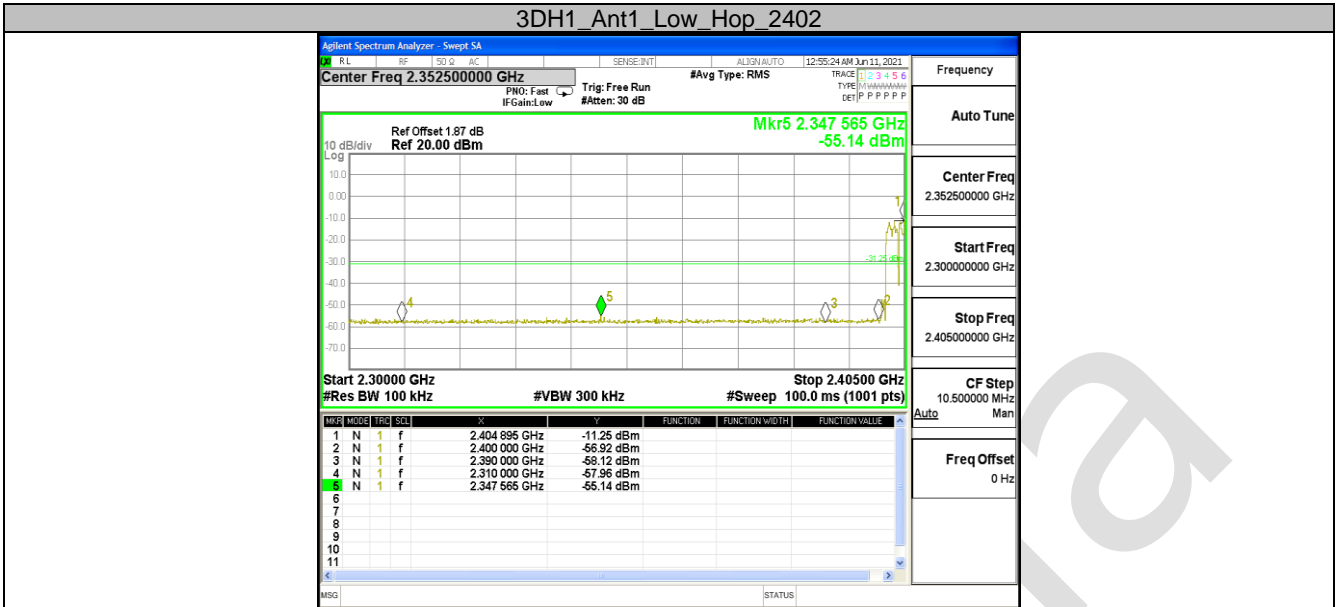
2DH1_Ant1_Low_Hop_2402



Frequency	Auto Tune
Center Freq	2.352500000 GHz
Start Freq	2.300000000 GHz
Stop Freq	2.405000000 GHz
CF Step	10.500000 MHz
Auto	Man
Freq Offset	0 Hz

2DH1_Ant1_High_Hop_2480

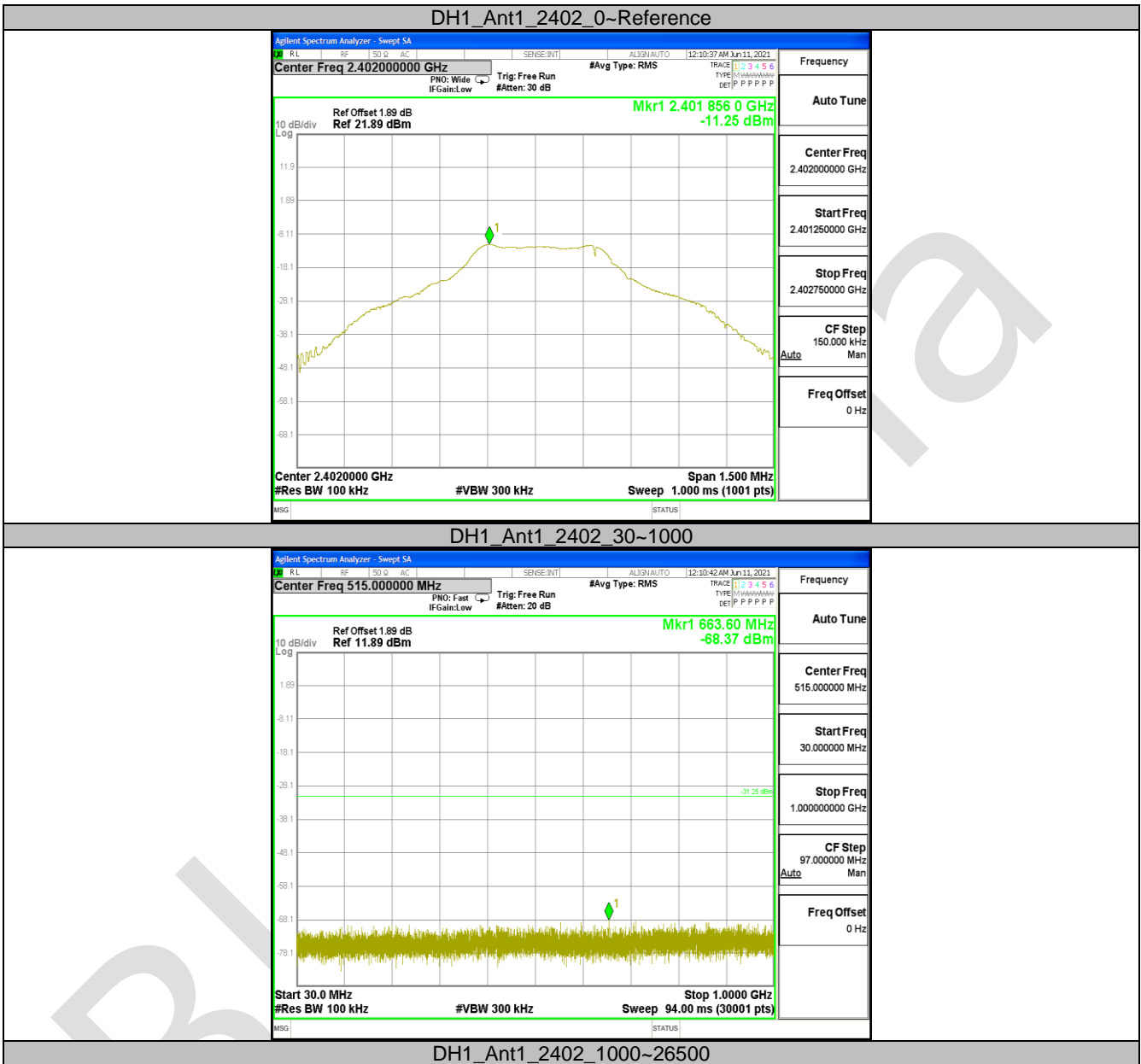


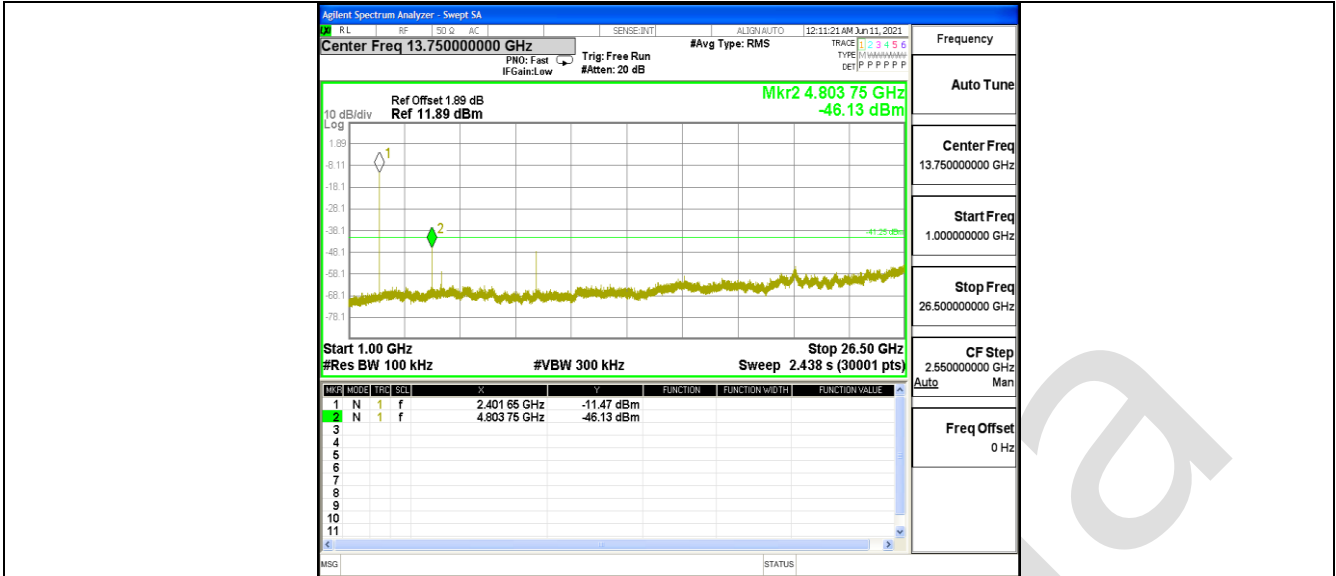


21.8 APPENDIX H: CONDUCTED SPURIOUS EMISSION
Test Result

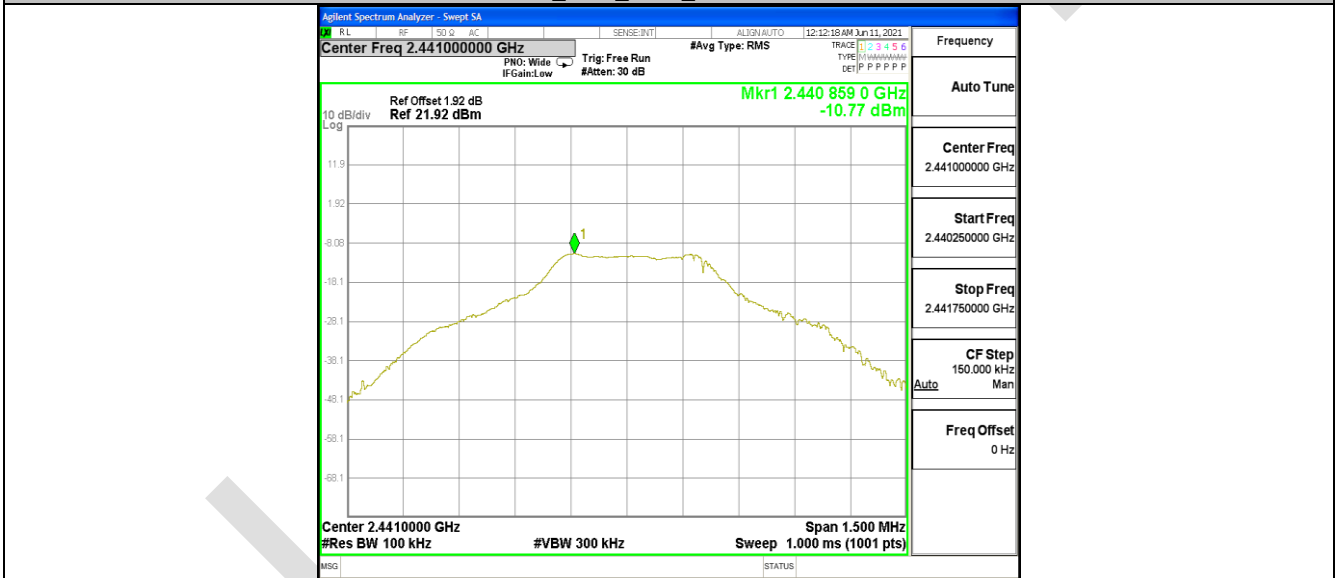
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	2402	Reference	-11.25	-11.25	---	PASS
			30~1000	-11.25	-68.38	<=-31.25	PASS
			1000~26500	-11.25	-46.13	<=-41.25	PASS
		2441	Reference	-10.77	-10.77	---	PASS
			30~1000	-10.77	-67.91	<=-30.77	PASS
			1000~26500	-10.77	-43.83	<=-40.77	PASS
		2480	Reference	-10.11	-10.11	---	PASS
			30~1000	-10.11	-68.16	<=-30.11	PASS
			1000~26500	-10.11	-44.48	<=-40.11	PASS
2DH1	Ant1	2402	Reference	-11.43	-11.43	---	PASS
			30~1000	-11.43	-68.01	<=-31.43	PASS
			1000~26500	-11.43	-43.72	<=-41.43	PASS
		2441	Reference	-10.93	-10.93	---	PASS
			30~1000	-10.93	-67.96	<=-30.93	PASS
			1000~26500	-10.93	-47.81	<=-40.93	PASS
		2480	Reference	-10.30	-10.30	---	PASS
			30~1000	-10.30	-68.03	<=-30.3	PASS
			1000~26500	-10.30	-45.87	<=-40.3	PASS
3DH1	Ant1	2402	Reference	-11.11	-11.11	---	PASS
			30~1000	-11.11	-68.36	<=-31.11	PASS
			1000~26500	-11.11	-48.42	<=-41.11	PASS
		2441	Reference	-10.58	-10.58	---	PASS
			30~1000	-10.58	-67.64	<=-30.58	PASS
			1000~26500	-10.58	-41.64	<=-40.58	PASS
		2480	Reference	-9.99	-9.99	---	PASS
			30~1000	-9.99	-68.13	<=-29.99	PASS
			1000~26500	-9.99	-41.92	<=-39.99	PASS

Test Graphs

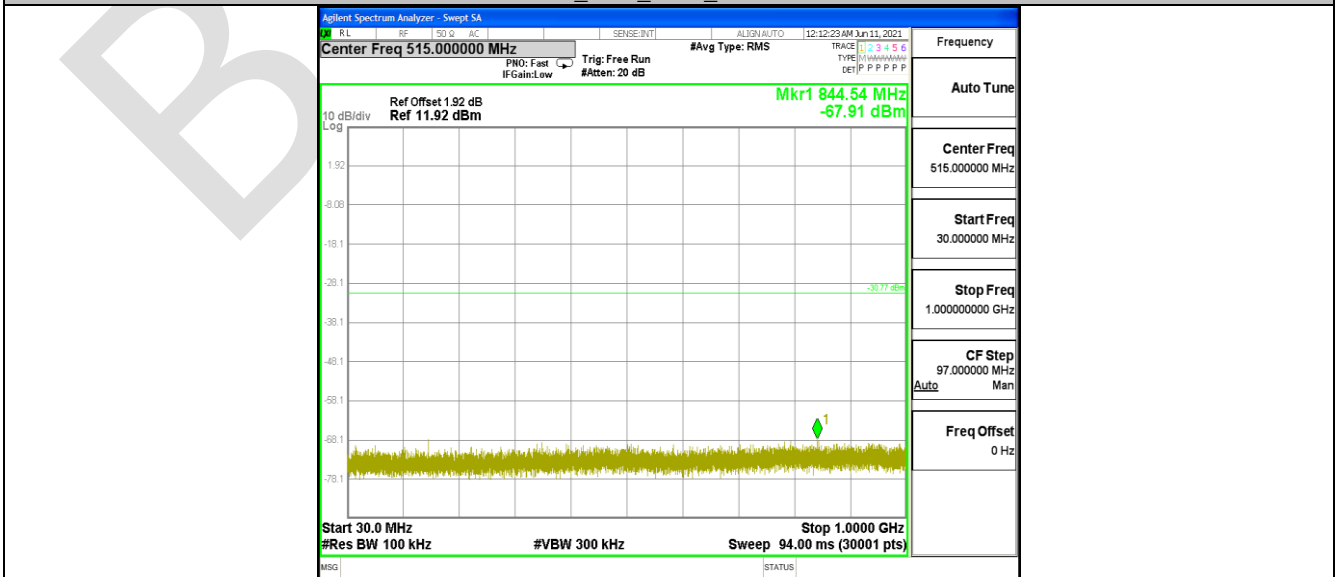


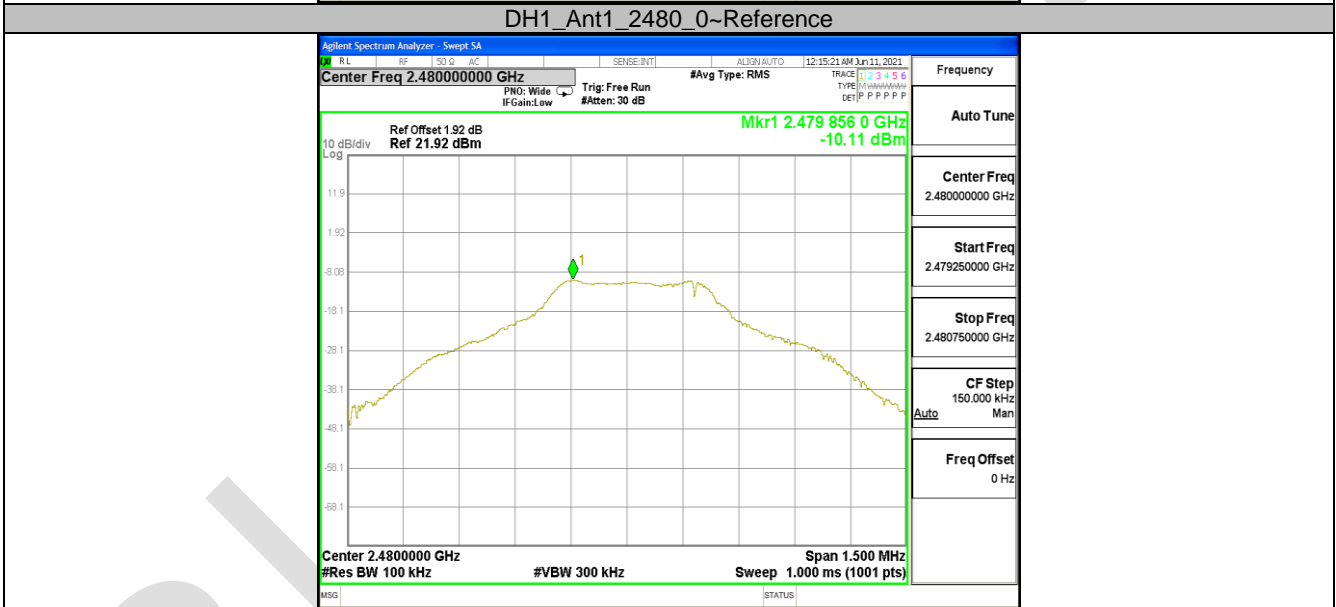
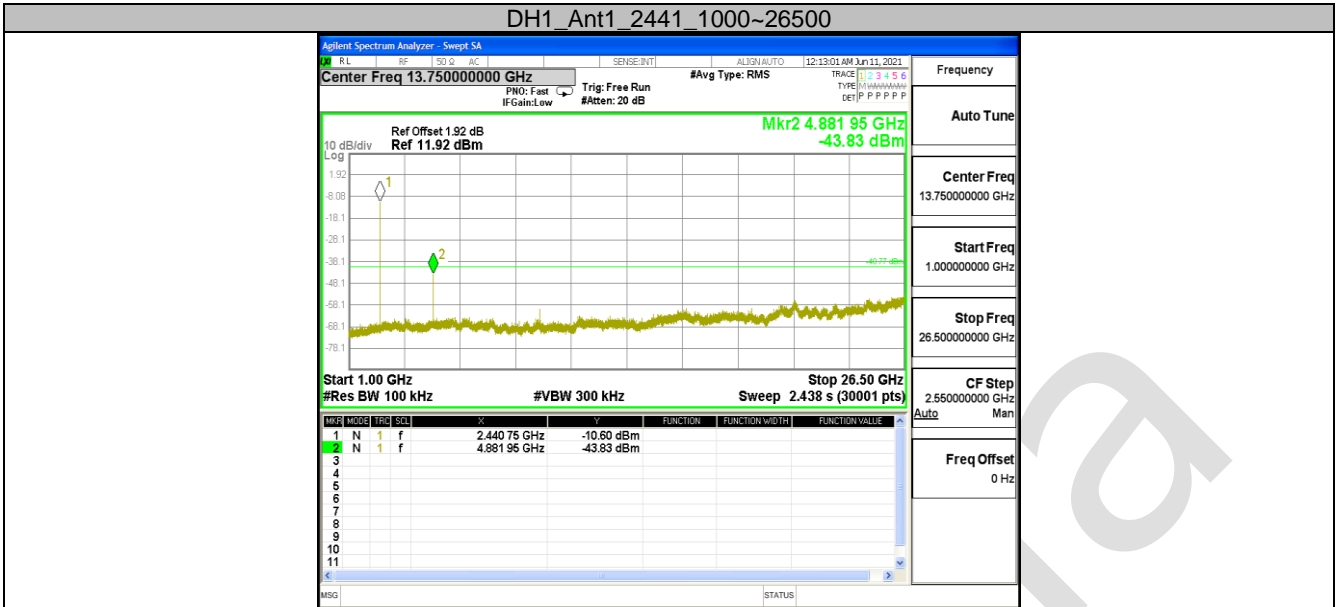


DH1_Ant1_2441_0-Reference

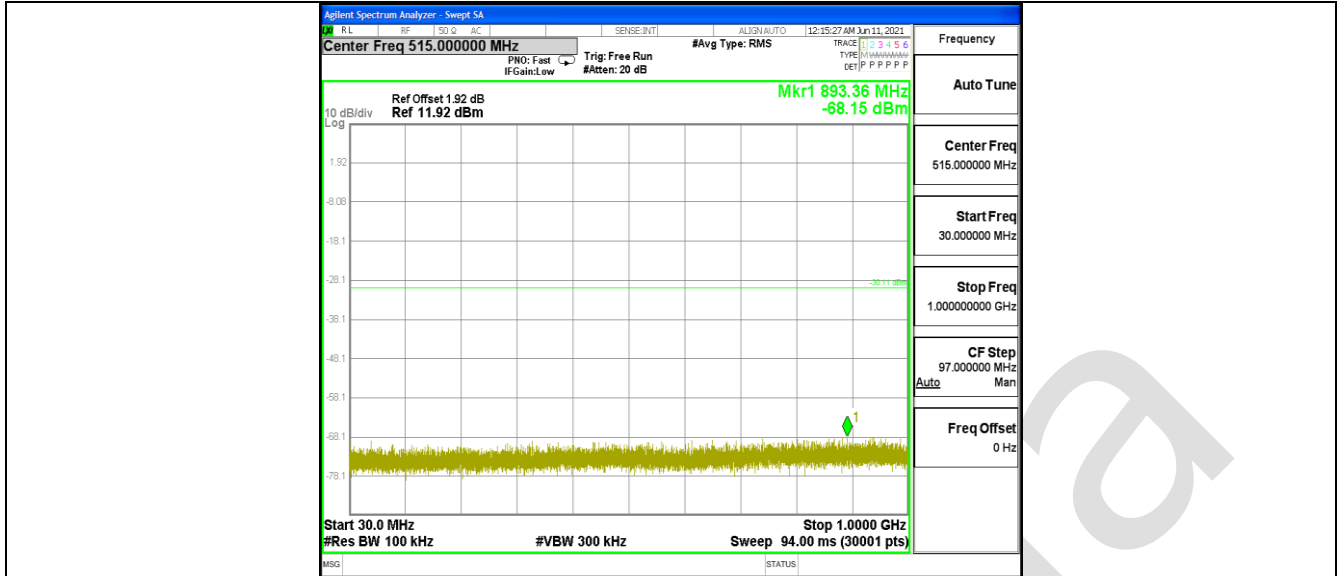


DH1_Ant1_2441_30-1000

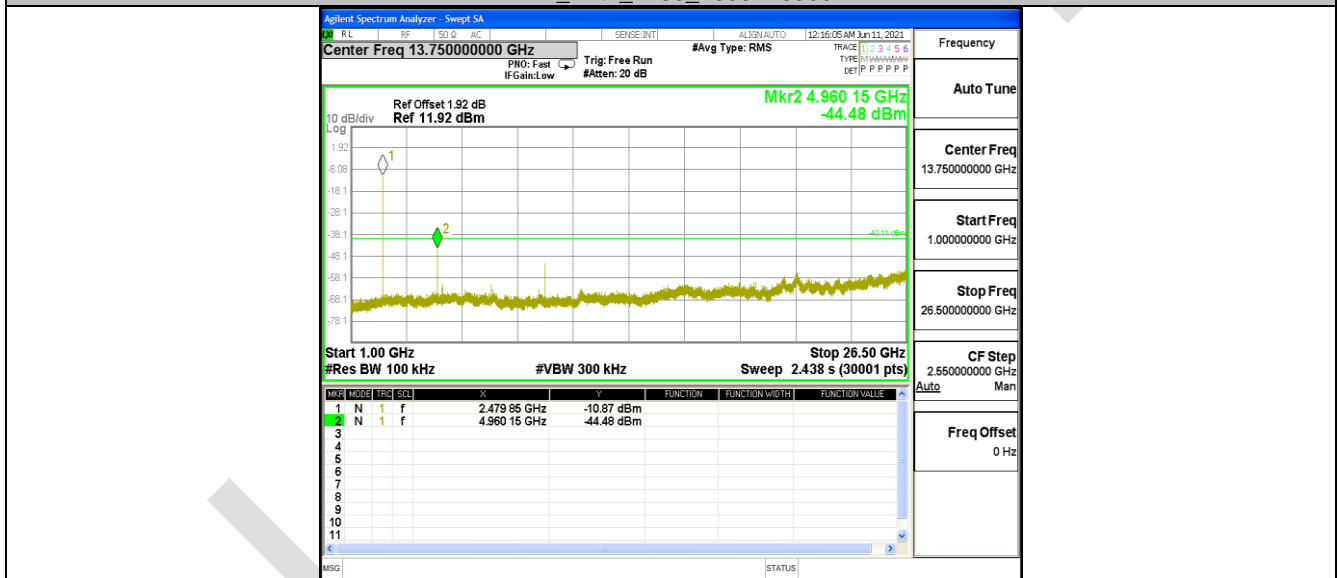




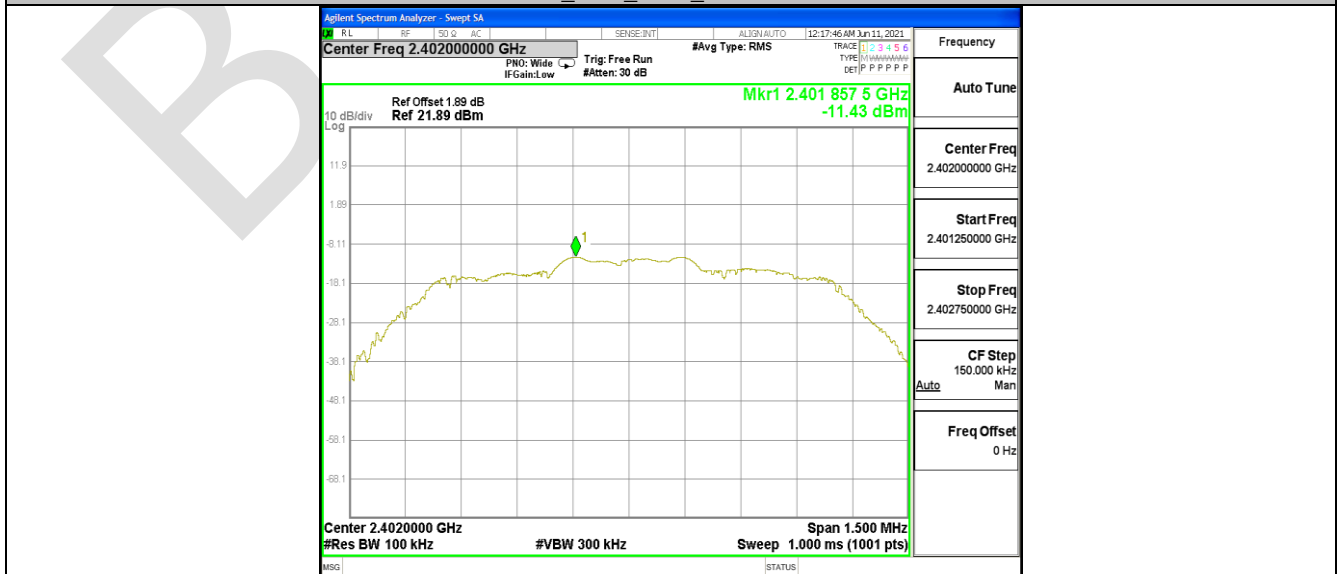
DH1_Ant1_2480_30~1000

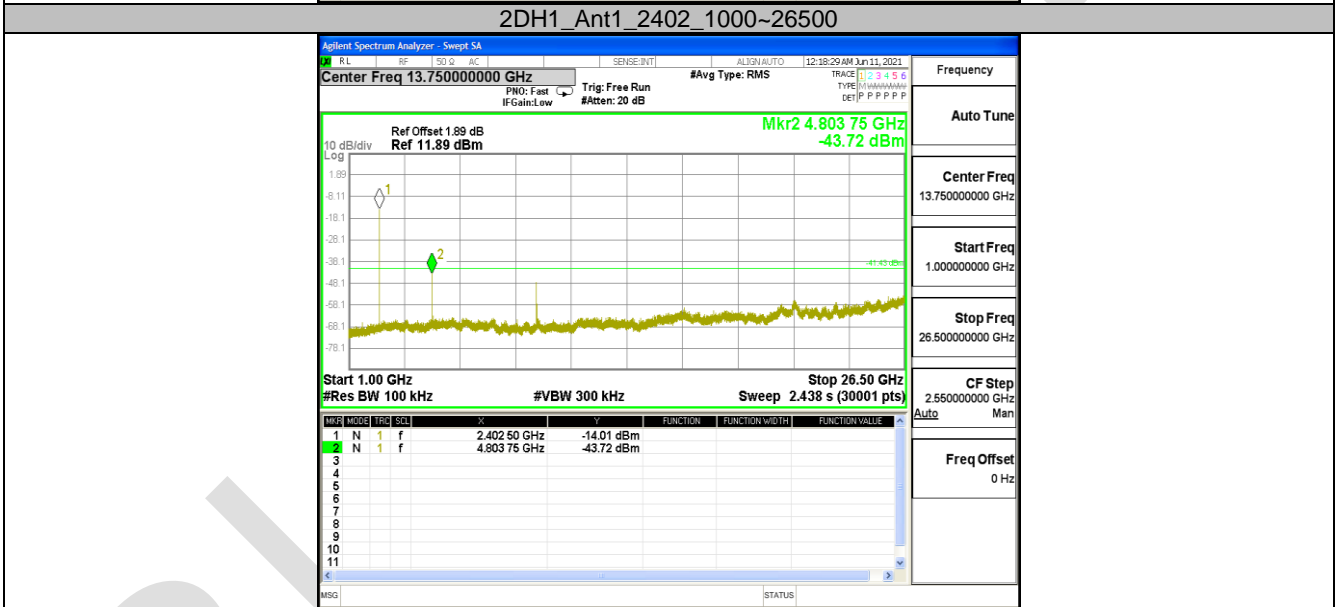
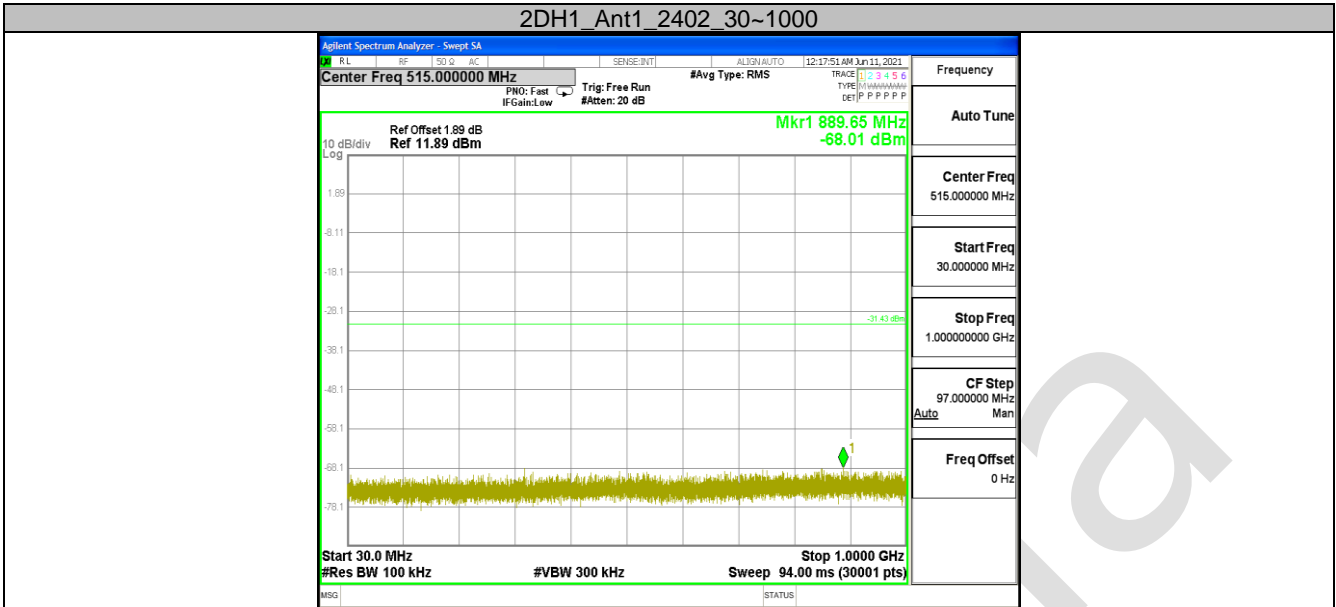


DH1_Ant1_2480_1000~26500

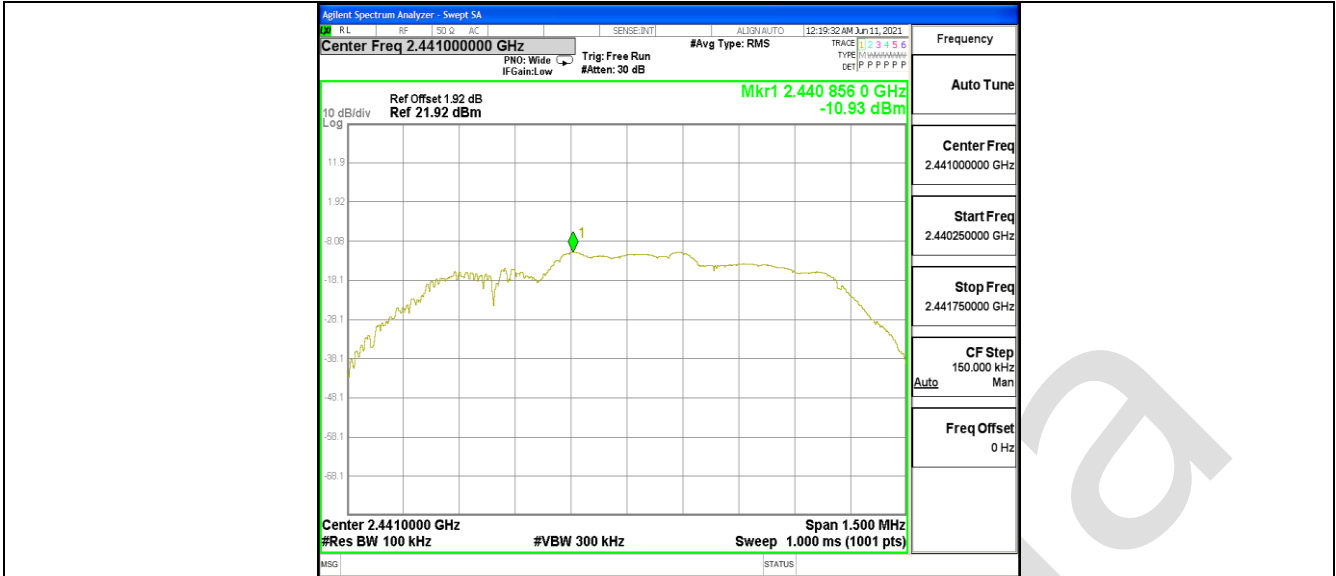


2DH1_Ant1_2402_0~Reference

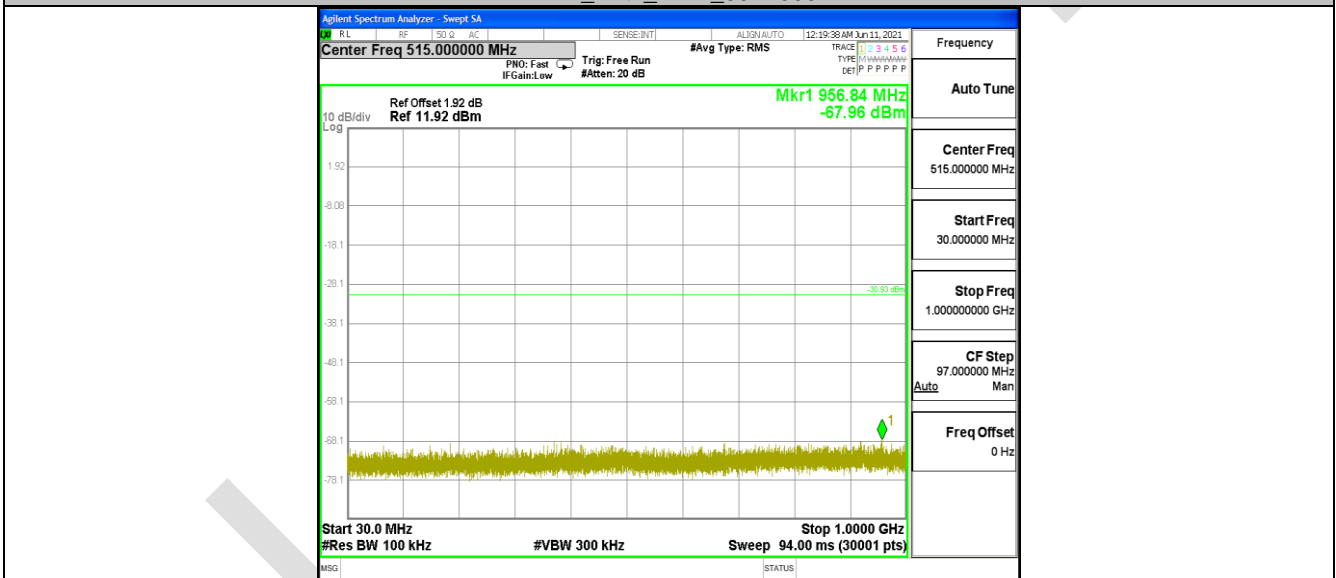




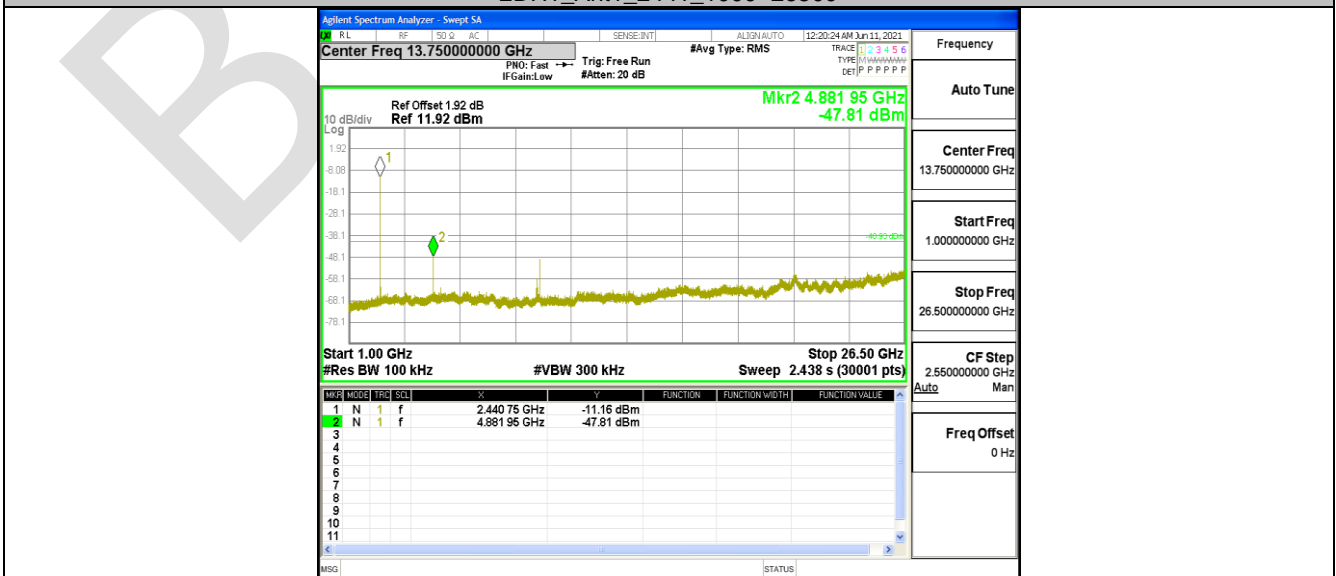
2DH1_Ant1_2441_0~Reference

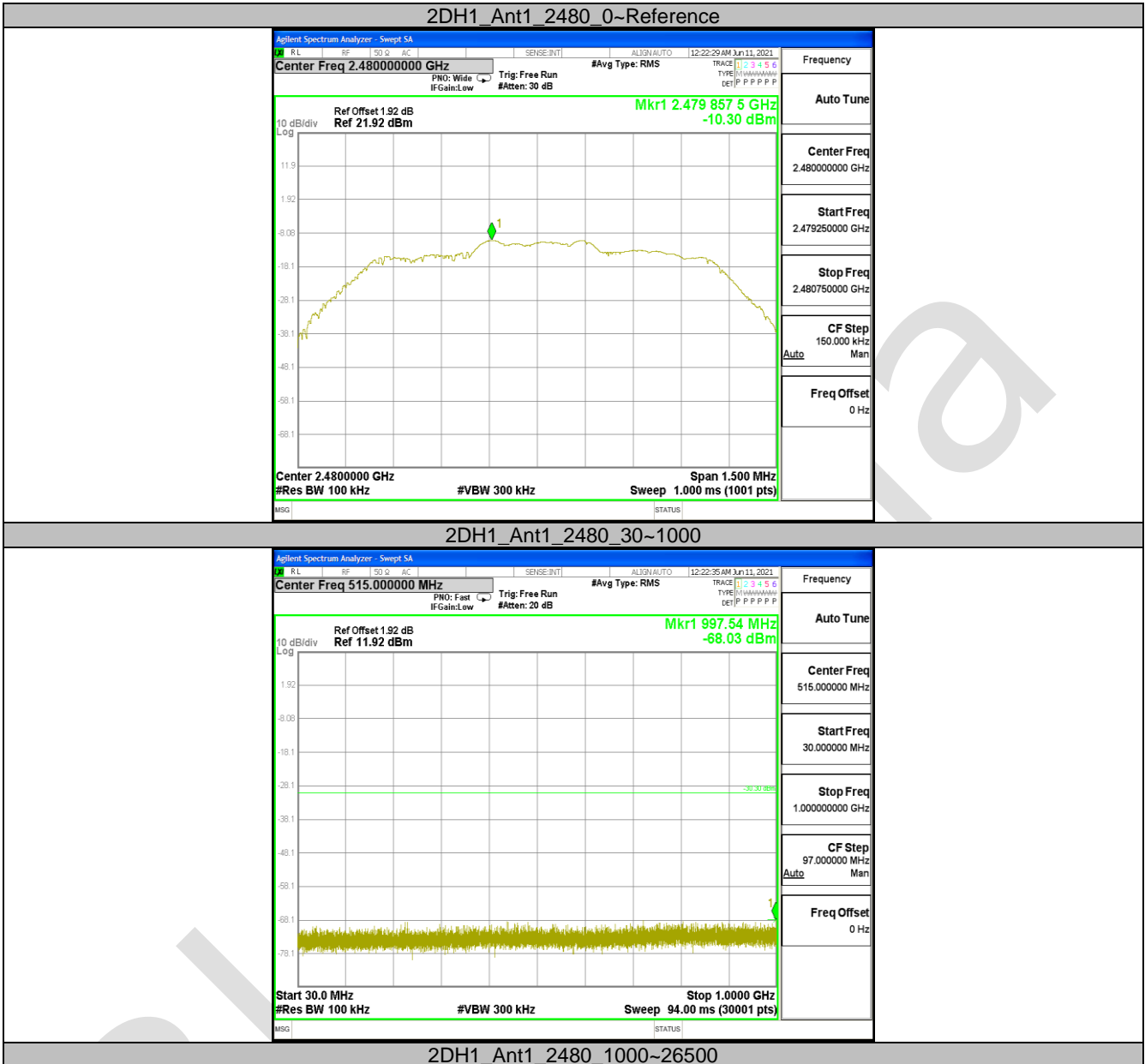


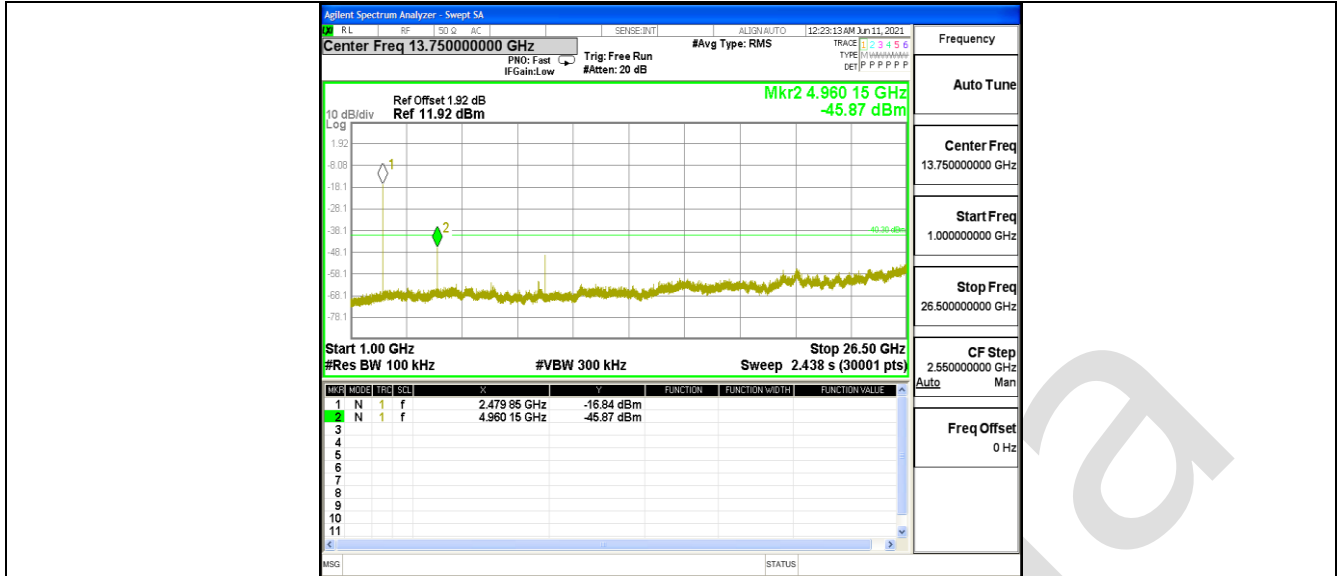
2DH1_Ant1_2441_30~1000



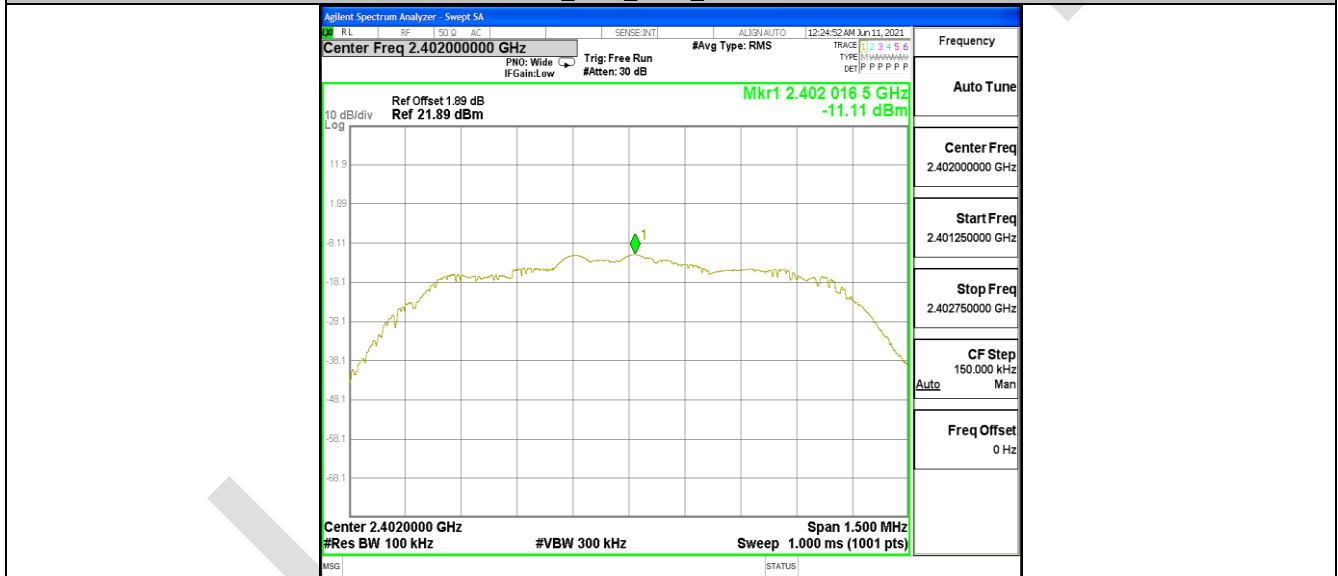
2DH1_Ant1_2441_1000~26500



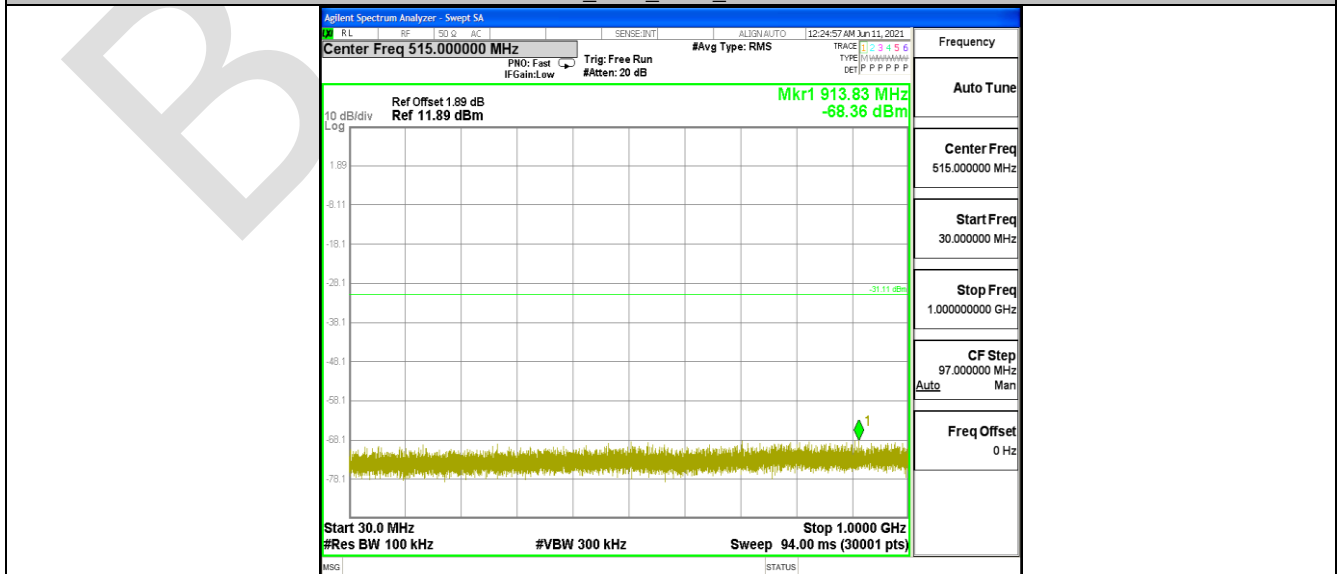


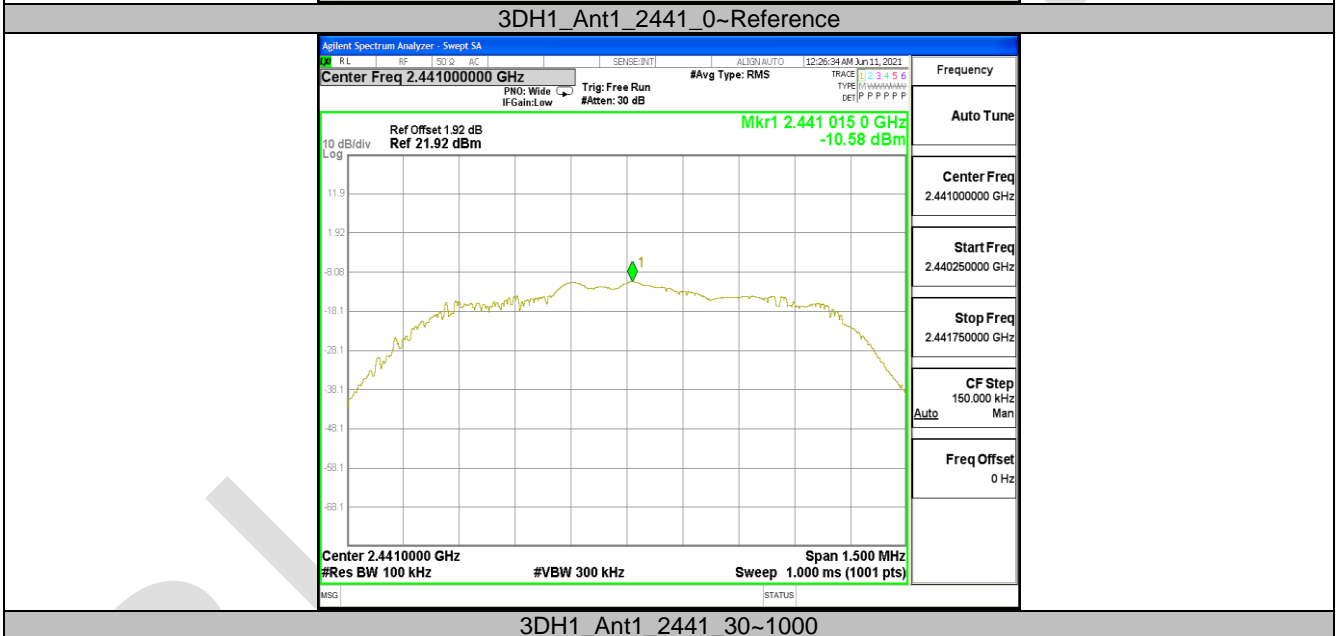
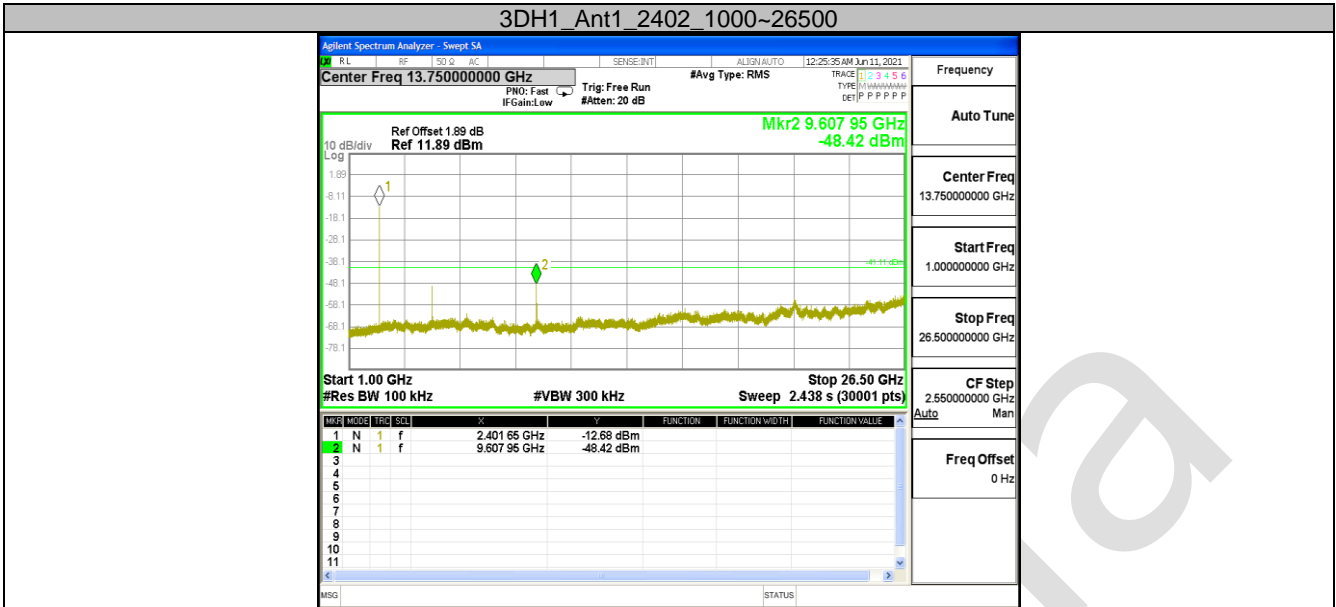


3DH1_Ant1_2402_0~Reference

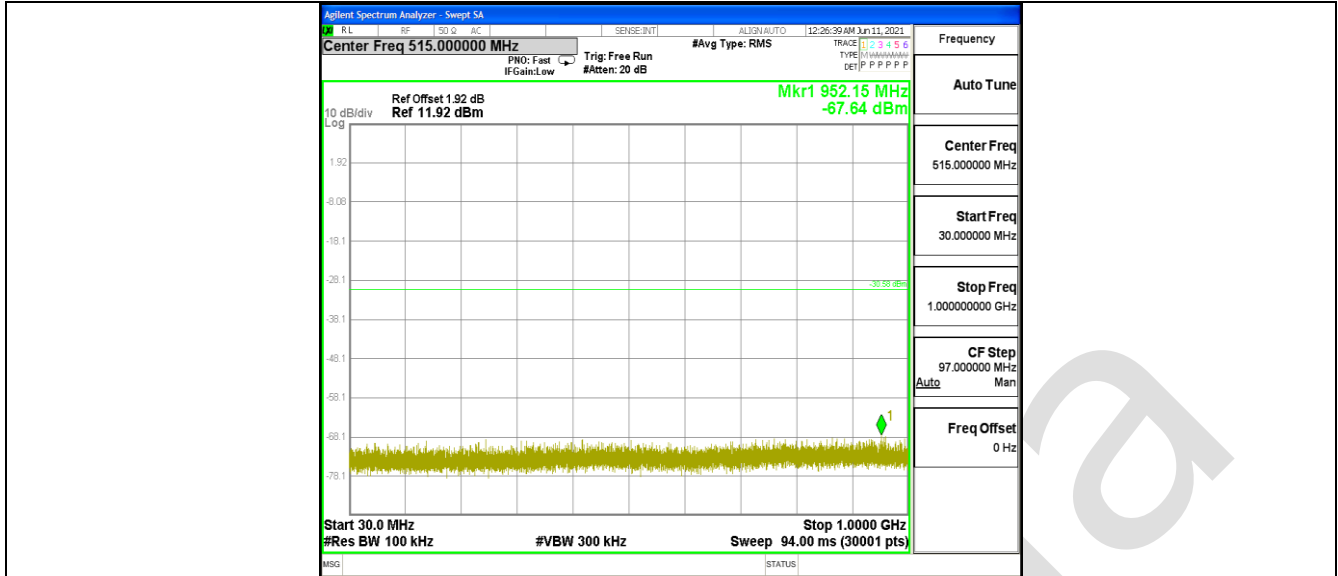


3DH1_Ant1_2402_30~1000

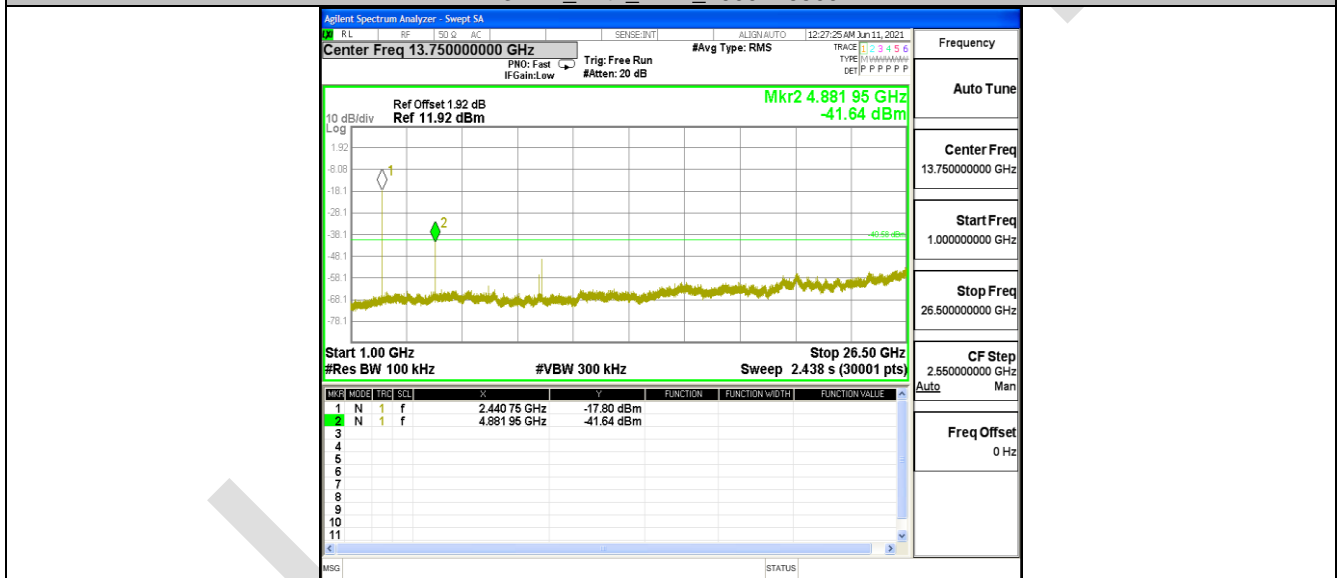




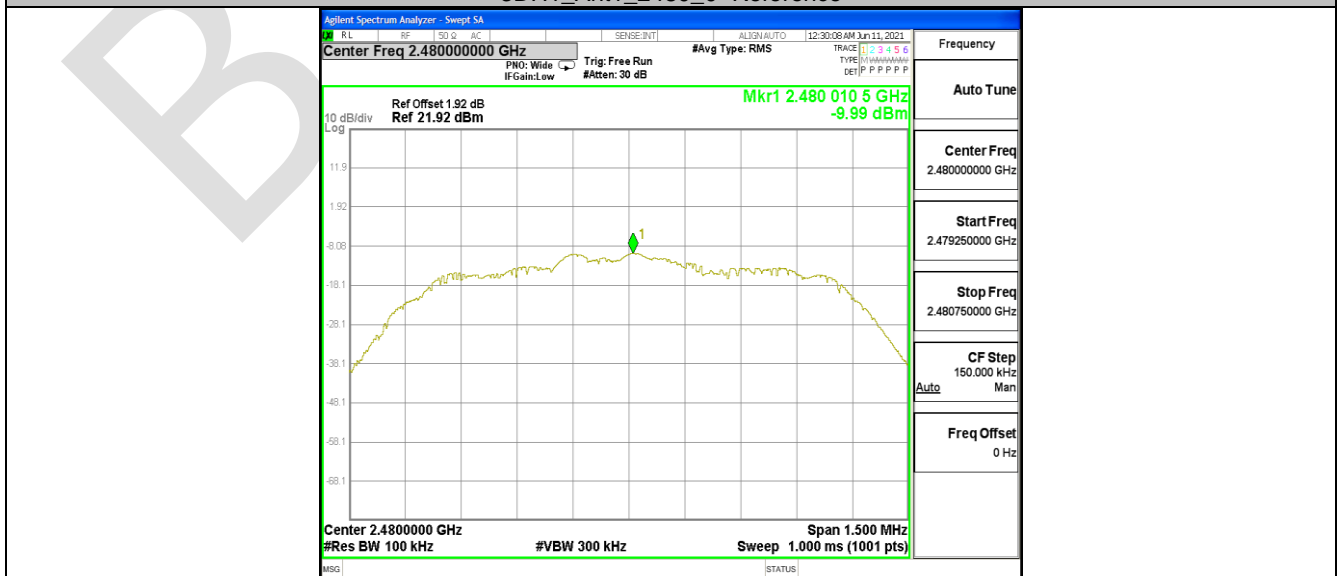
3DH1_Ant1_2441_30~1000



3DH1_Ant1_2441_1000~26500

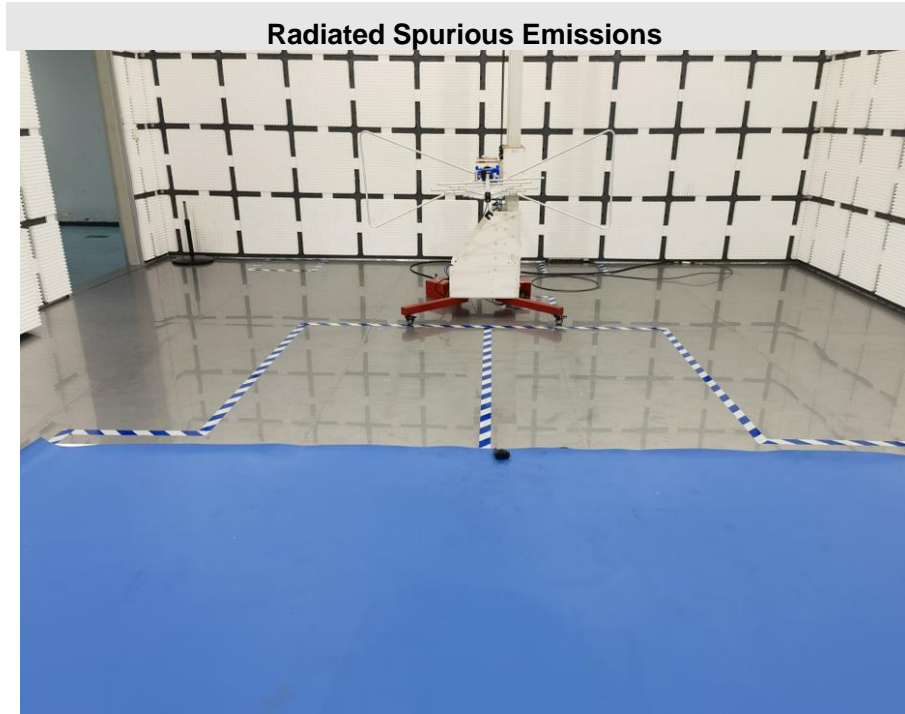


3DH1_Ant1_2480_0~Reference





APPENDIX A: PHOTOGRAPHS OF TEST SETUP



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



APPENDIX B: PHOTOGRAPHS OF EUT

Reference to the test report No. BLA-EMC-202105-A11601

----END OF REPORT----

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