

10 APPENDIX

Appendix1

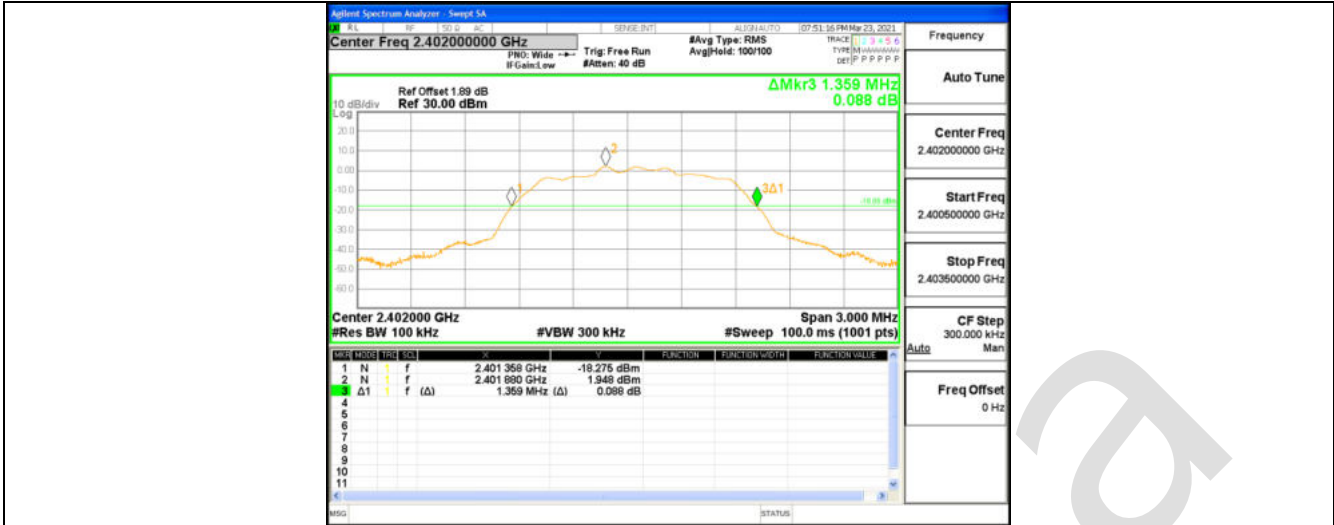
10.1 APPENDIX A: 20DB EMISSION BANDWIDTH

Test Result

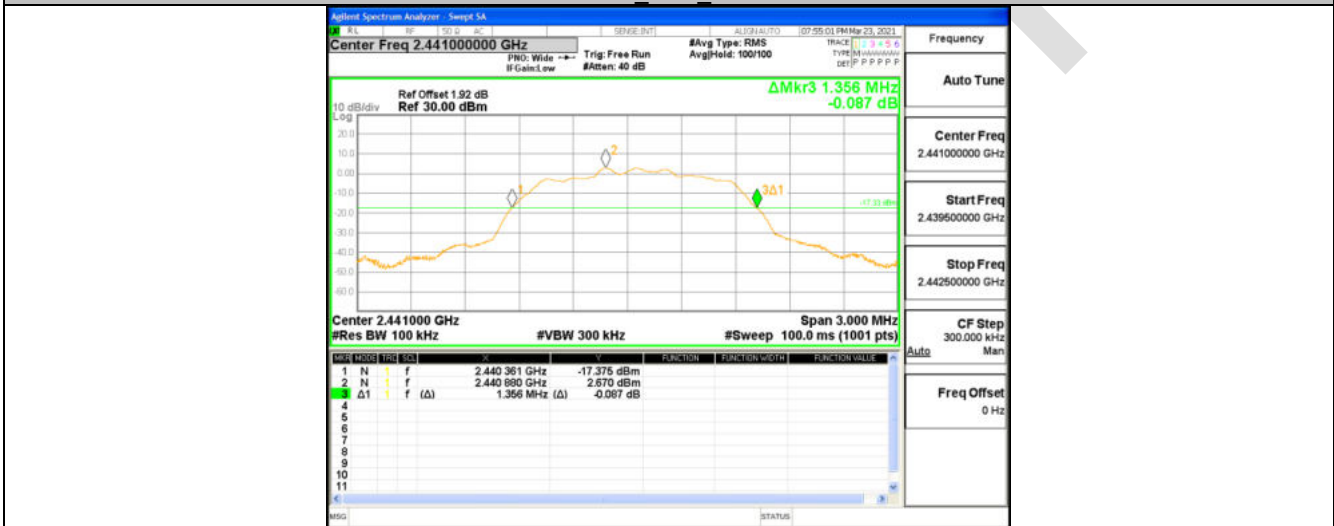
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	1.113	2401.490	2402.603	---	PASS
		2441	1.107	2440.493	2441.600	---	PASS
		2480	1.113	2479.490	2480.603	---	PASS
2DH1	Ant1	2402	1.359	2401.358	2402.717	---	PASS
		2441	1.356	2440.361	2441.717	---	PASS
		2480	1.359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

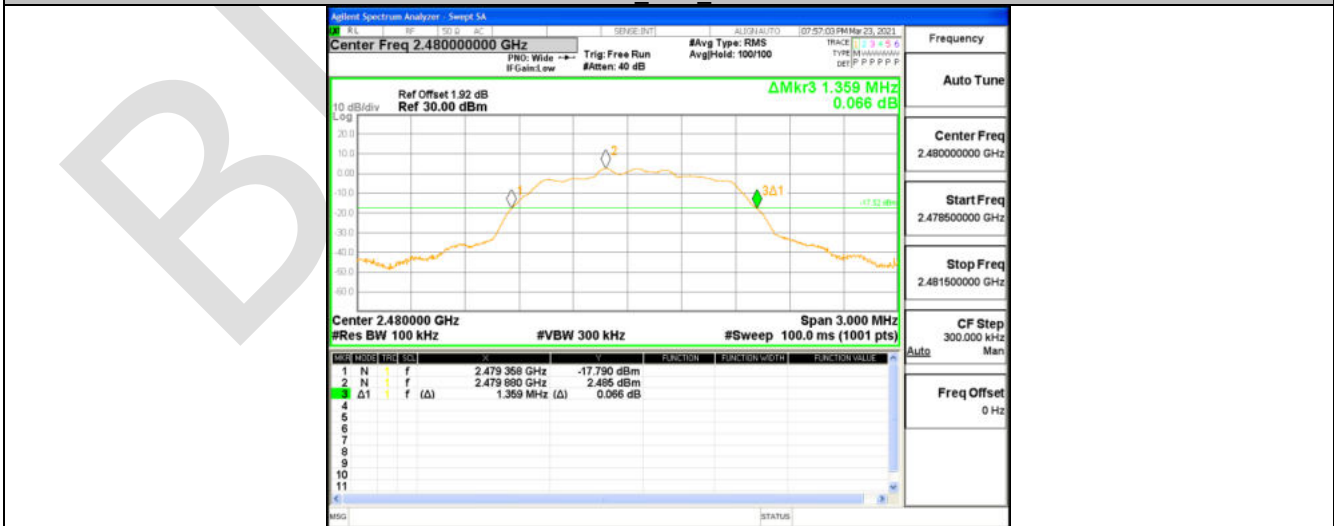




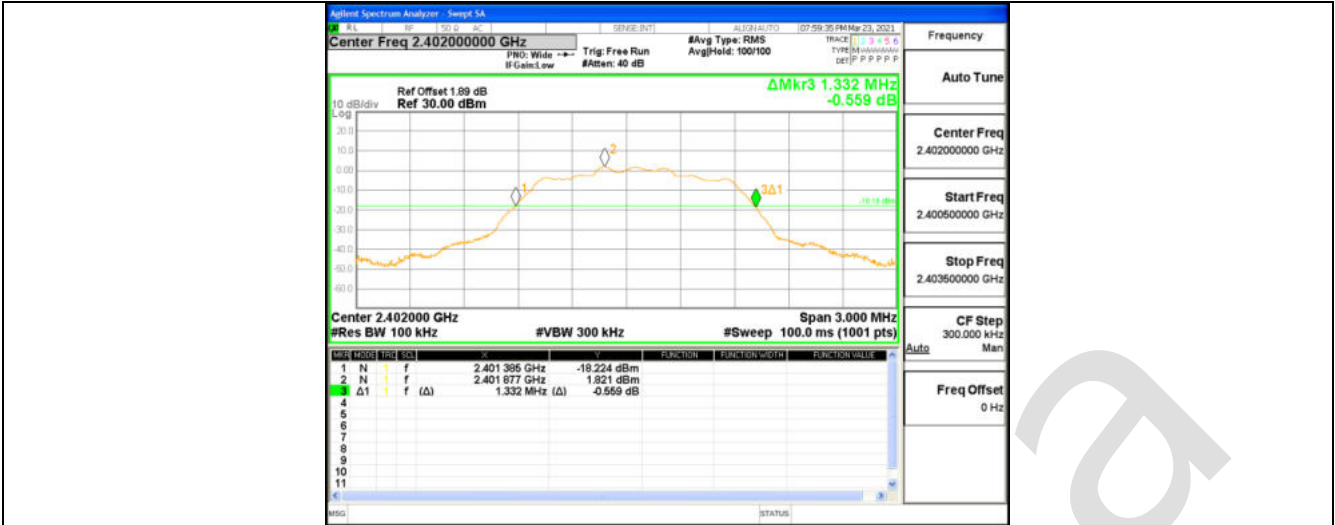
2DH1_Ant1_2441



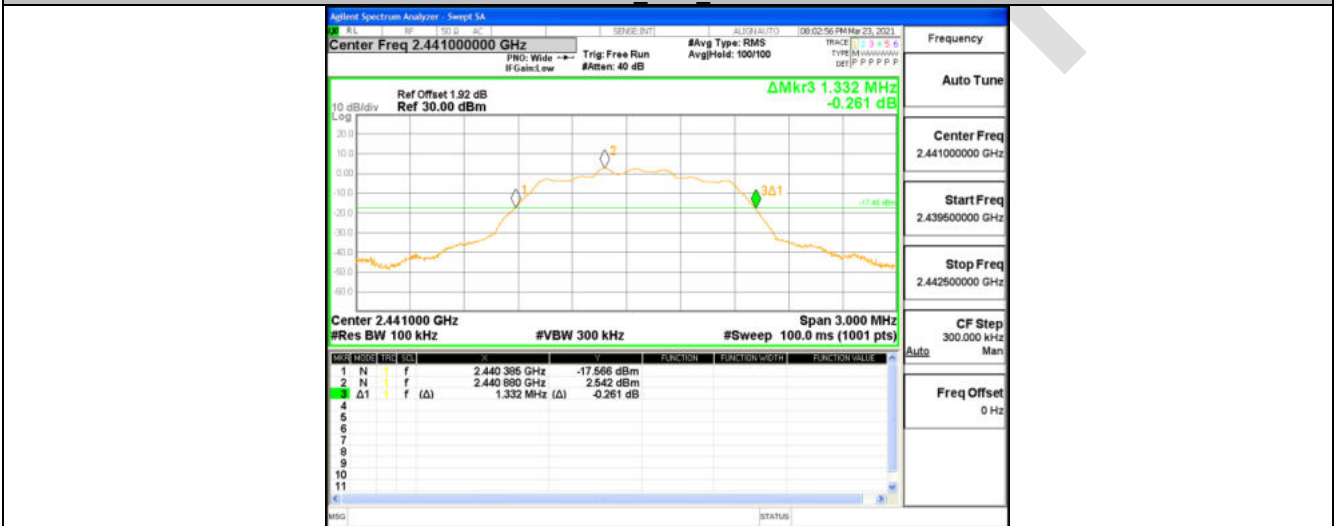
2DH1_Ant1_2440



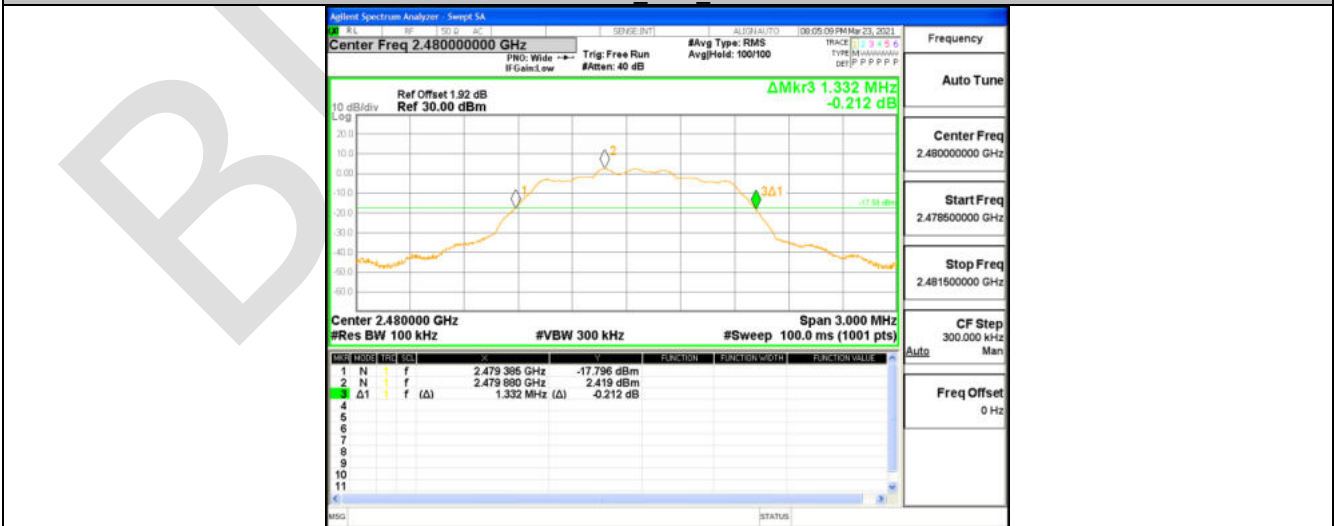
3DH1_Ant1_2402



3DH1_Ant1_2441



3DH1_Ant1_2480

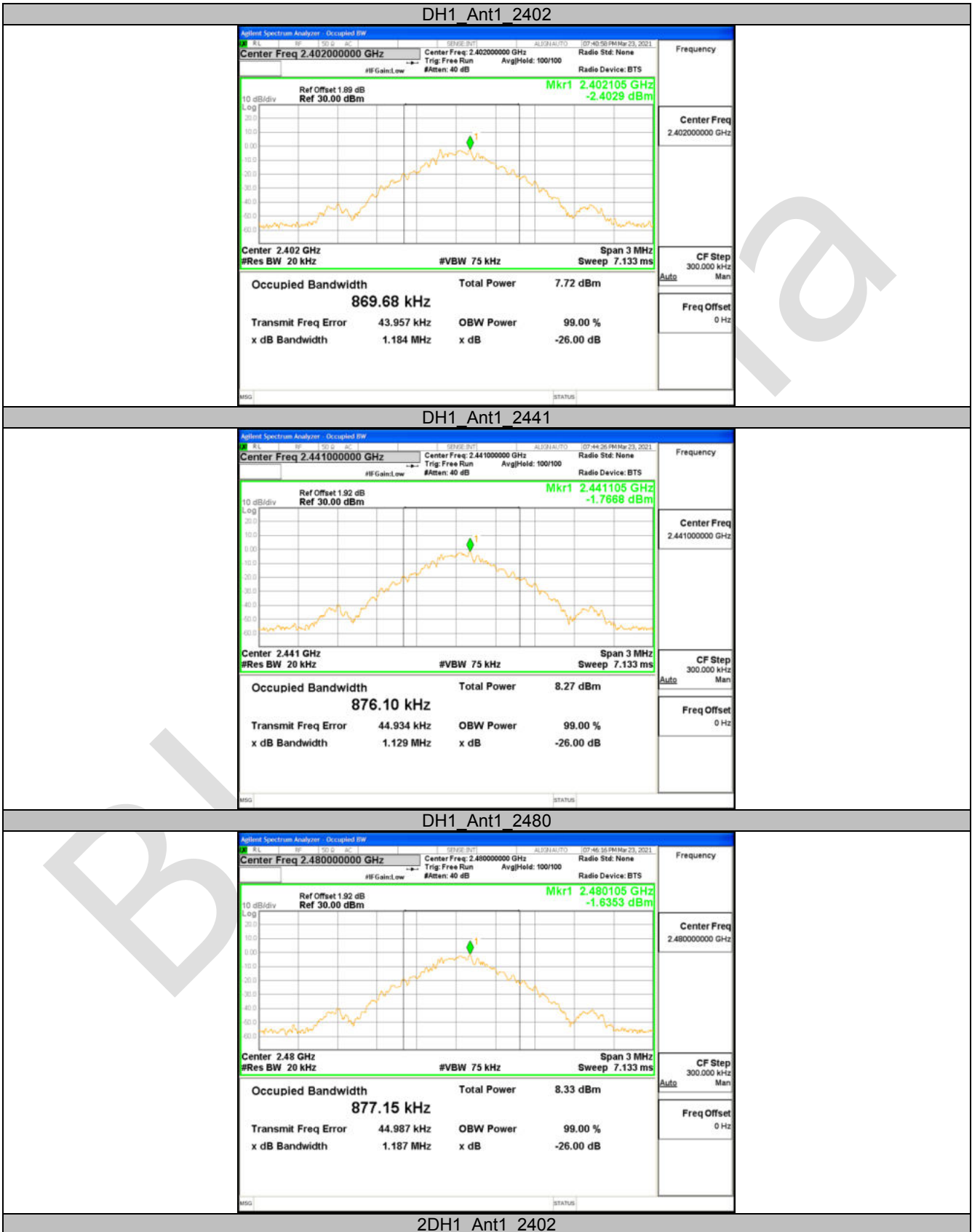


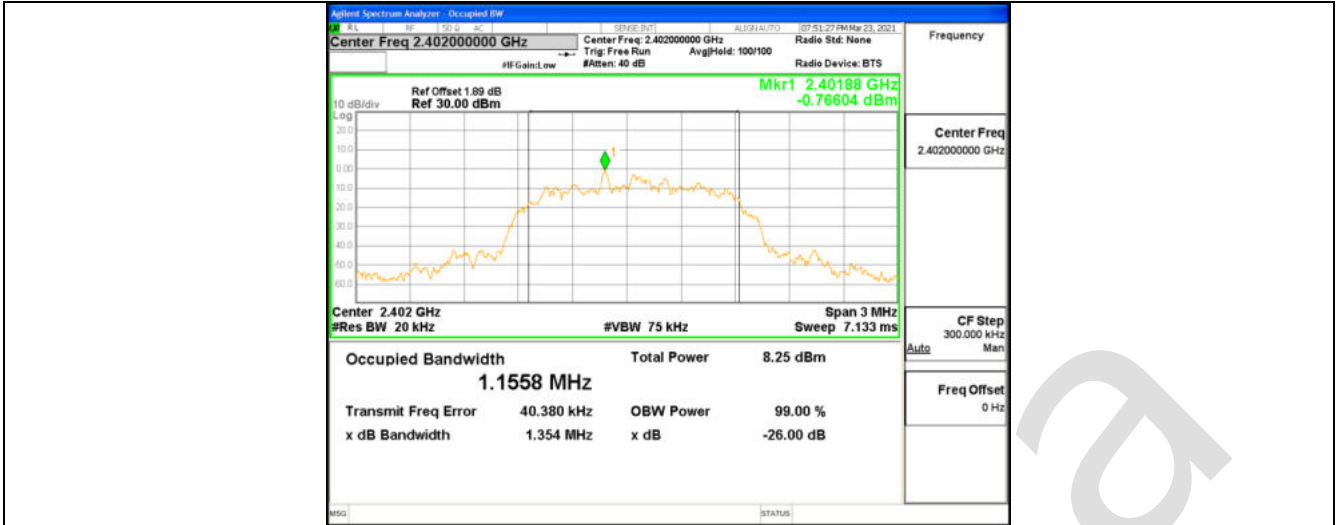
10.2 APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

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





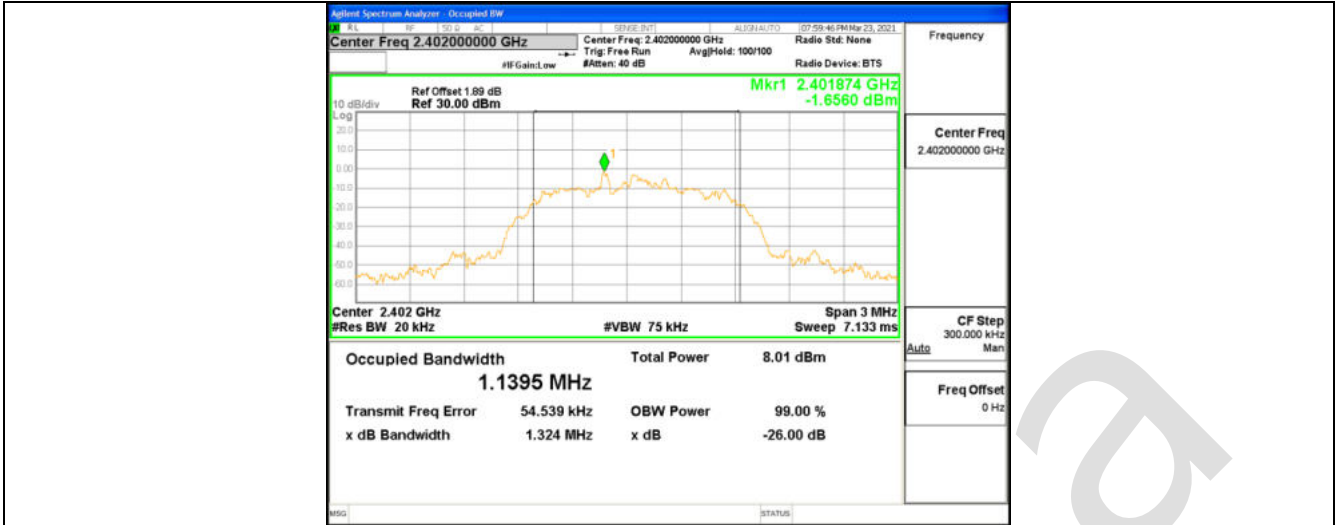
2DH1_Ant1_2441



2DH1_Ant1_2480



3DH1_Ant1_2402



3DH1_Ant1_2441



3DH1_Ant1_2480



10.3 APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

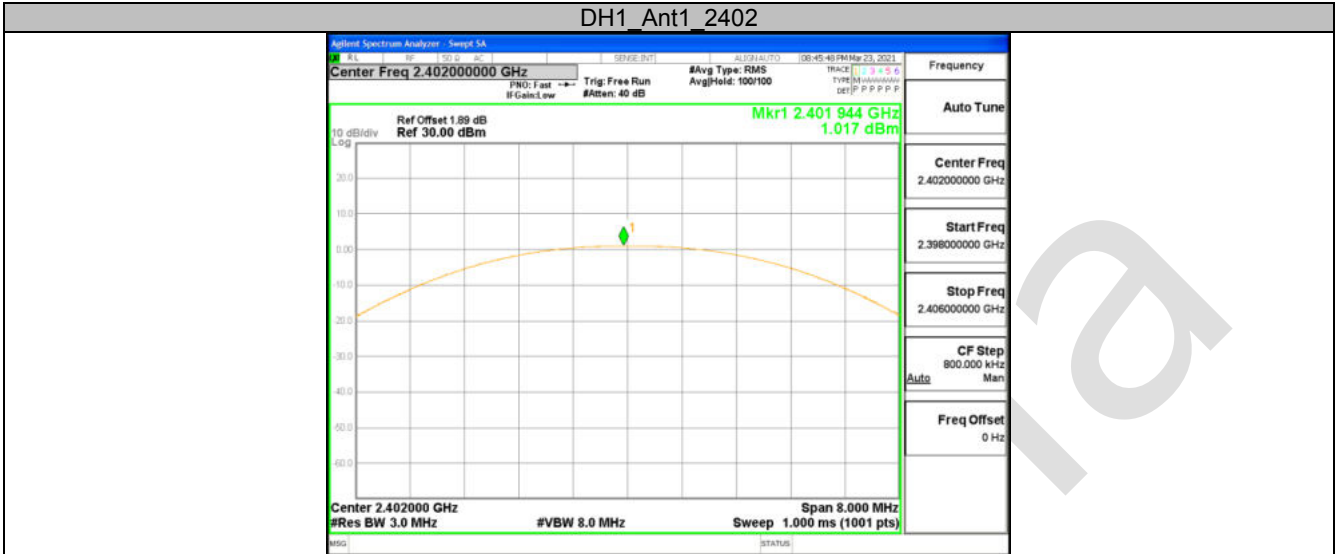
Test Result

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

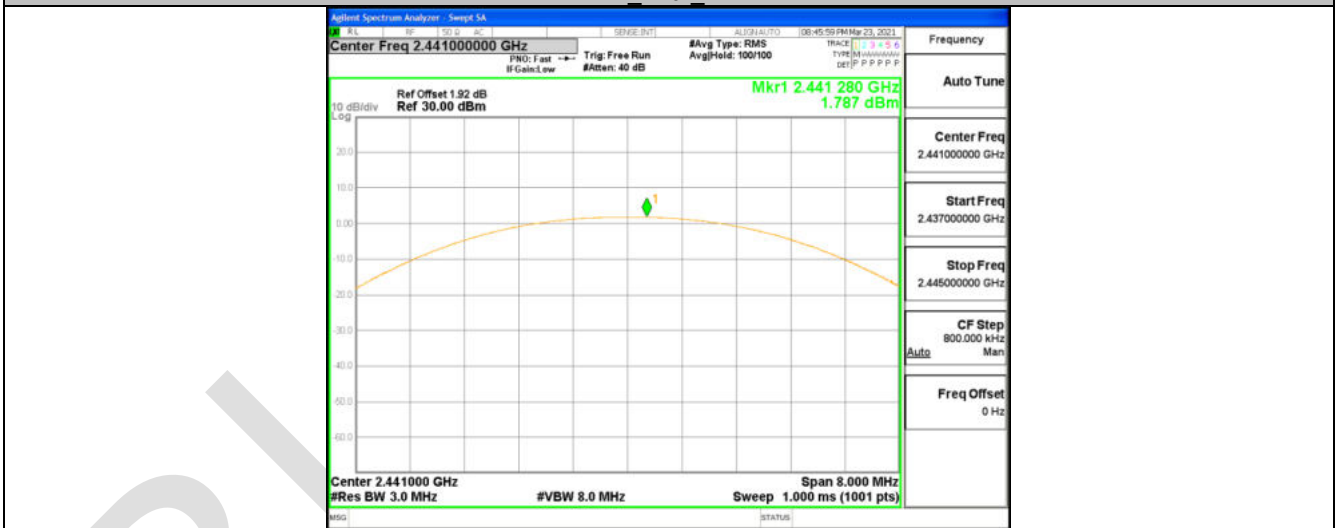
BlueAsia

Test Graphs

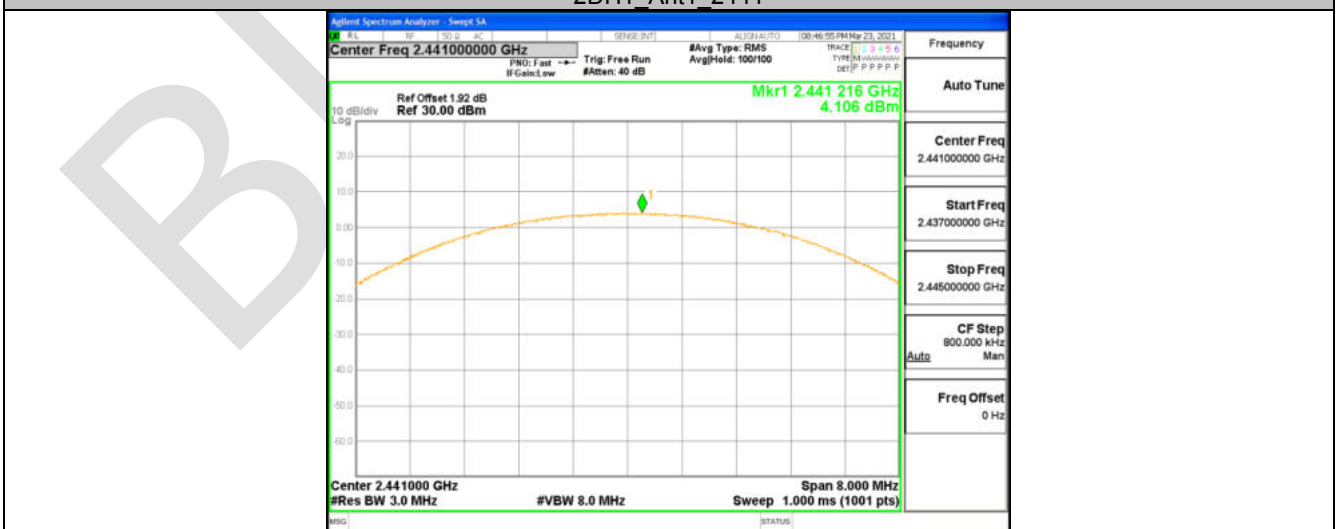
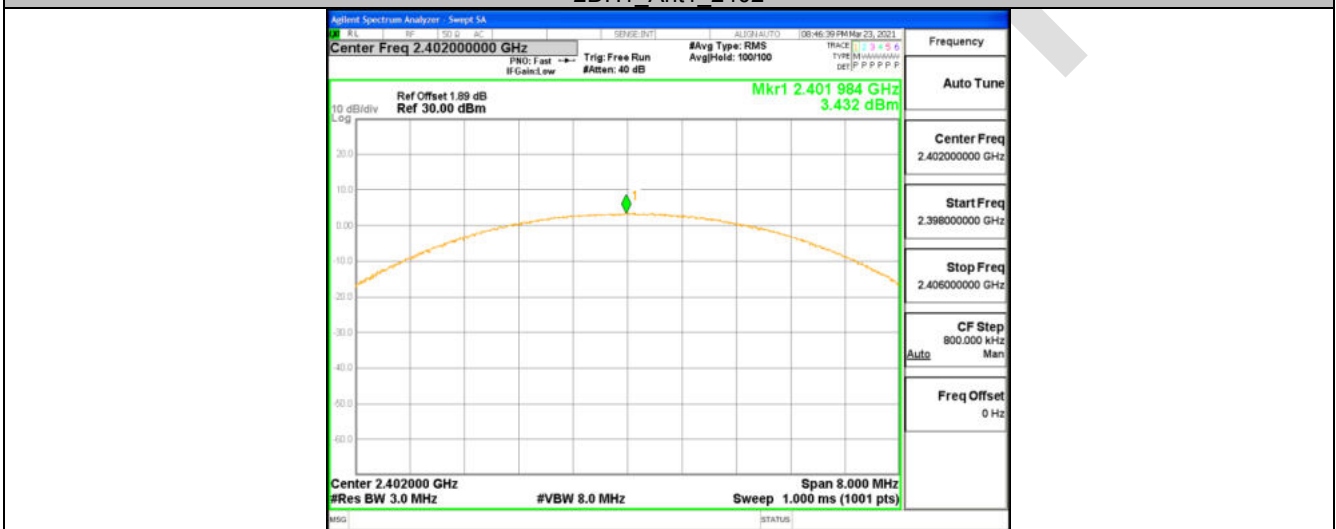
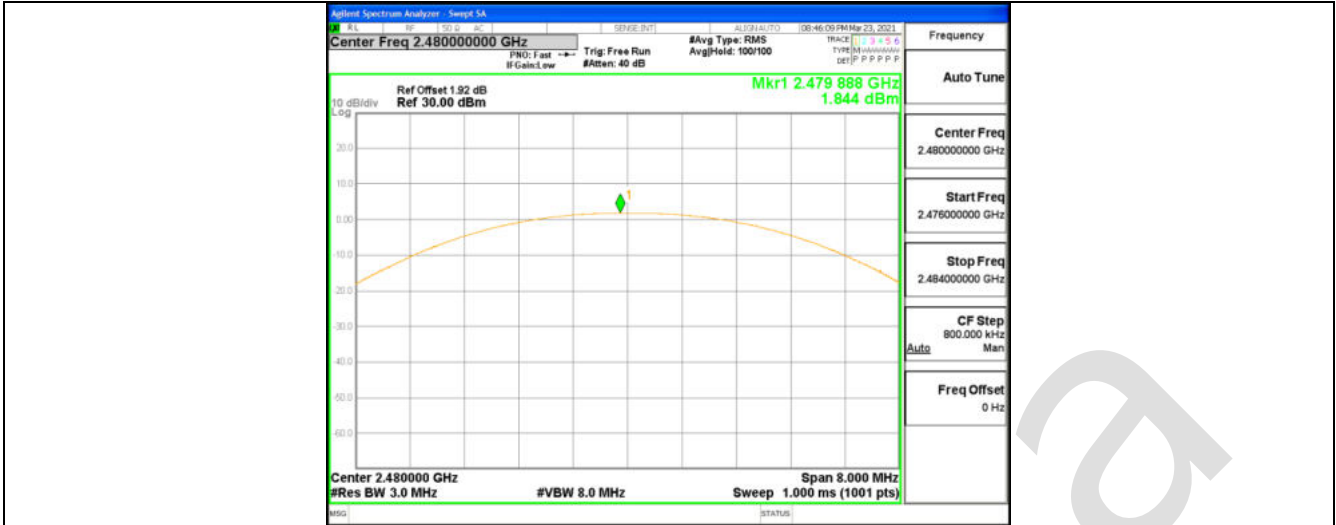
DH1_Ant1_2402

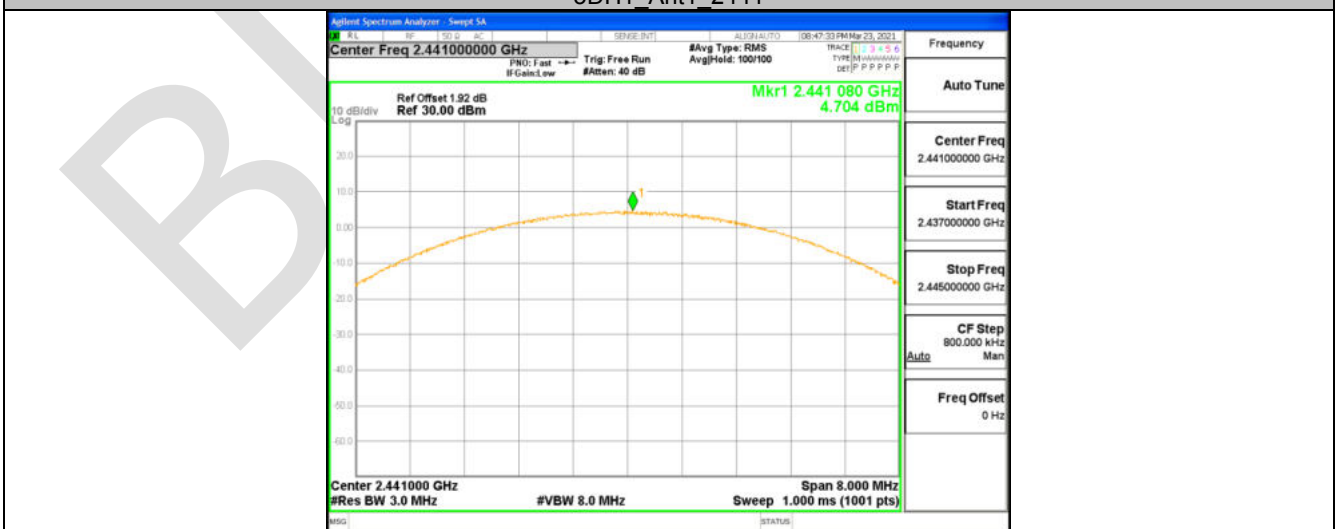
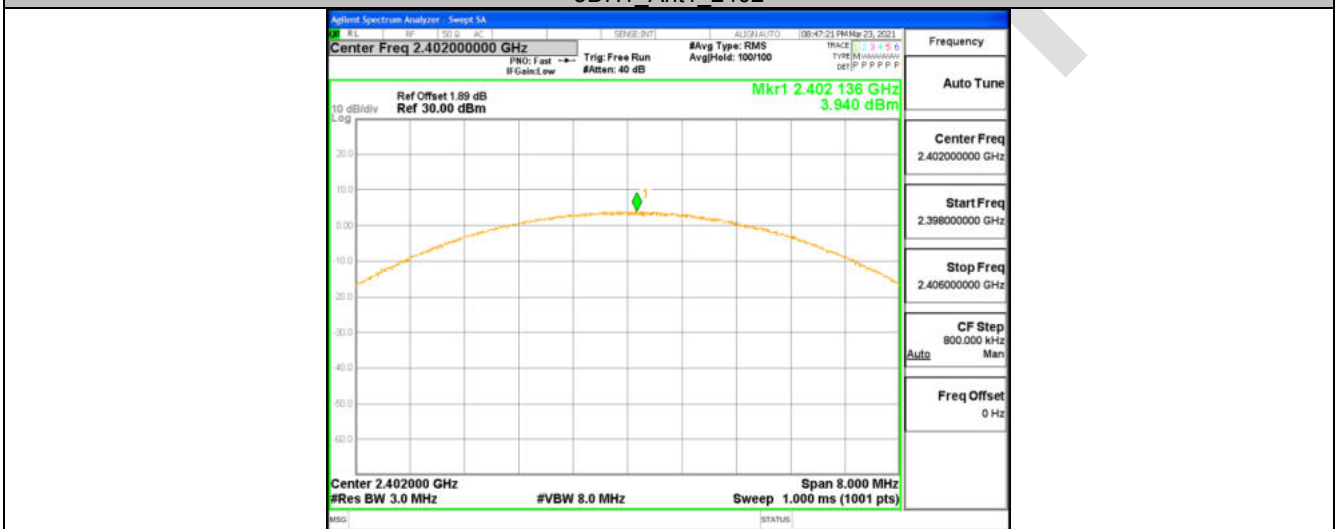
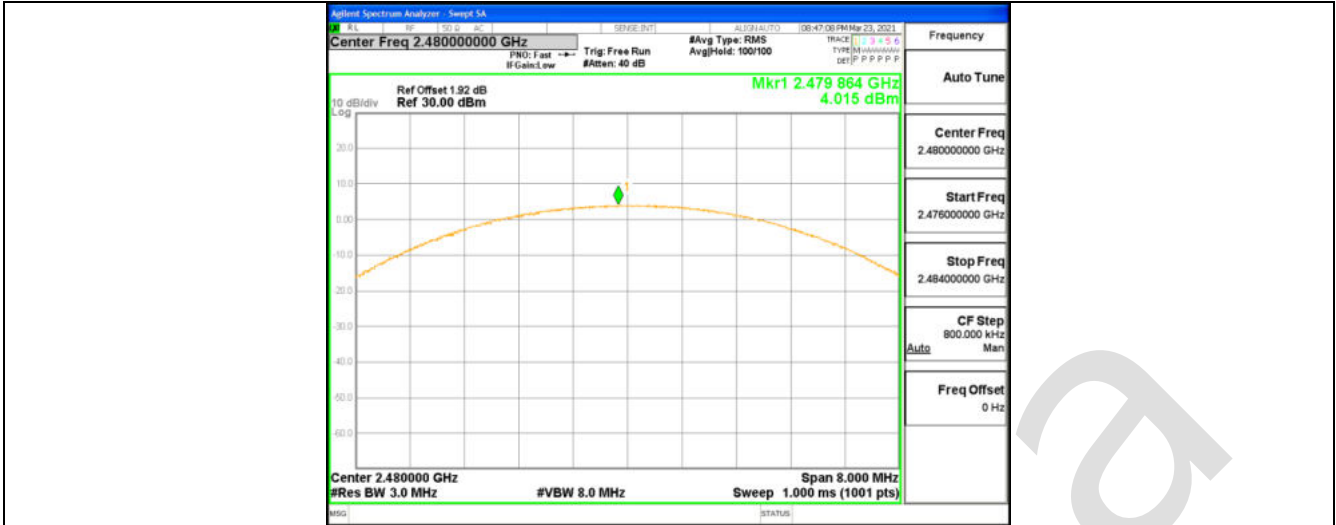


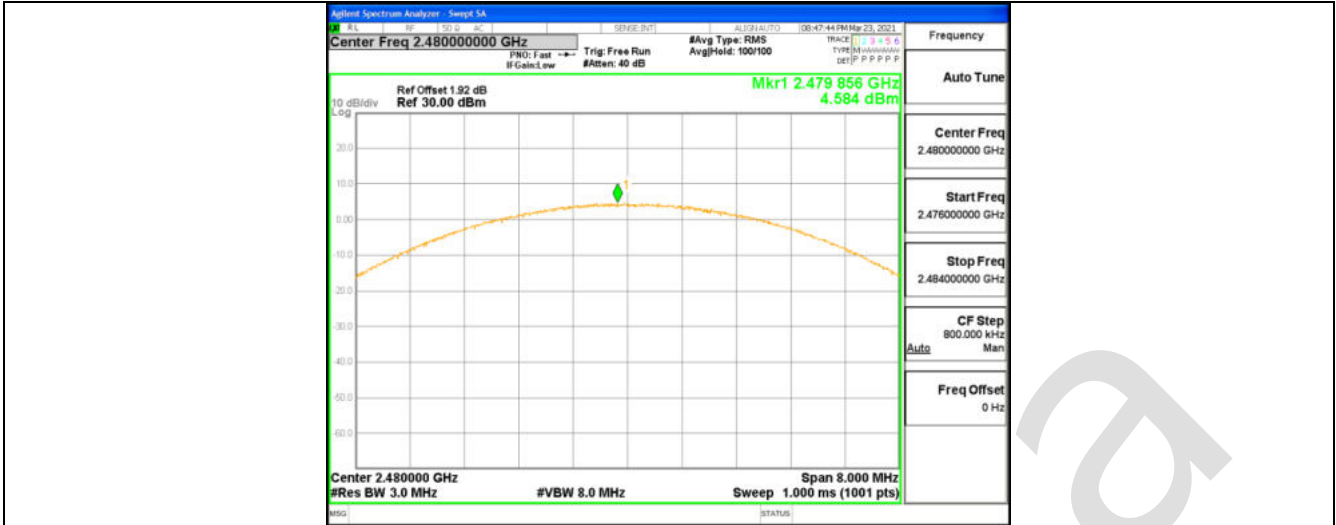
DH1_Ant1_2441



DH1_Ant1_2480







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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

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Test Graphs



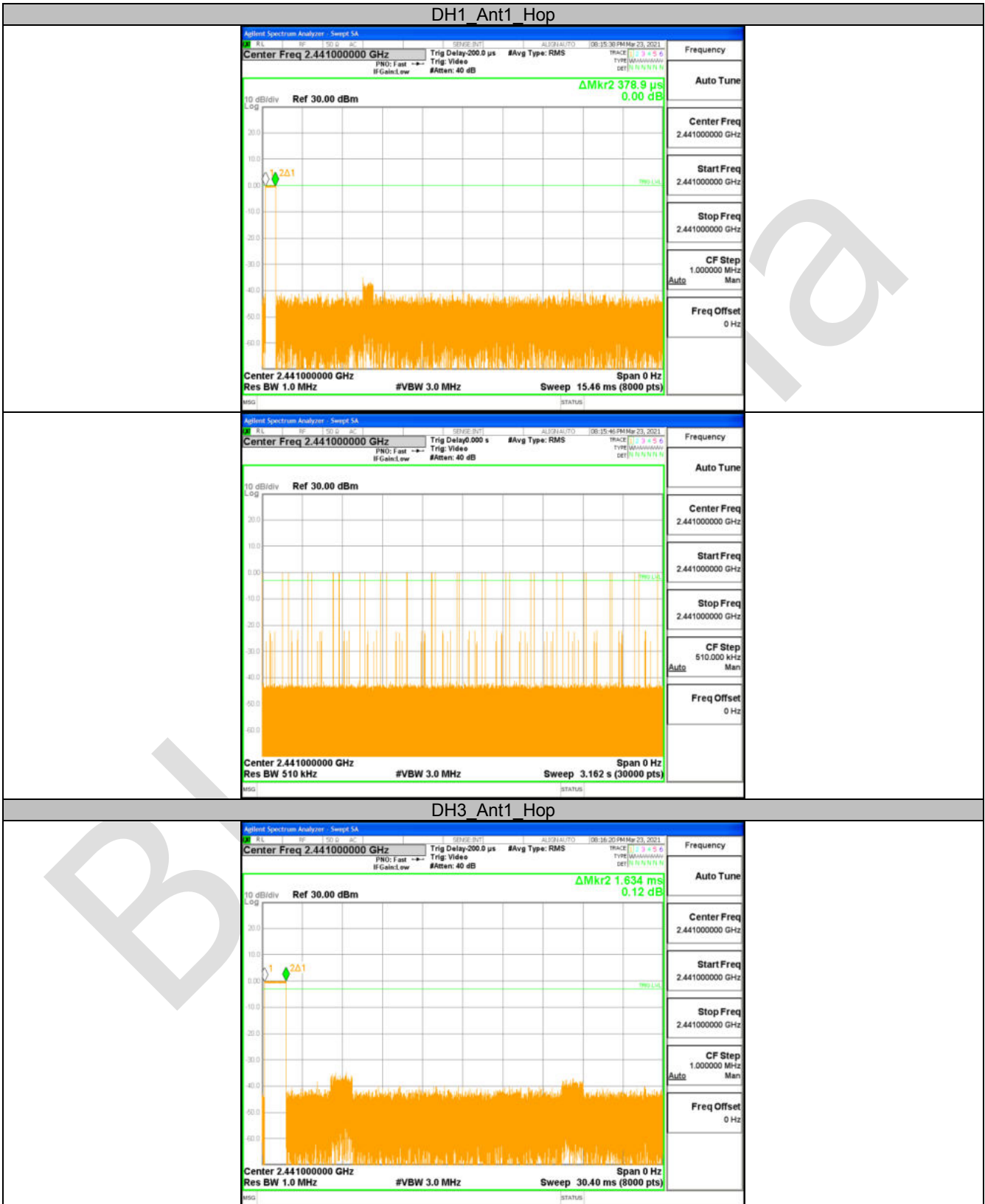
10.5 APPENDIX E: TIME OF OCCUPANCY

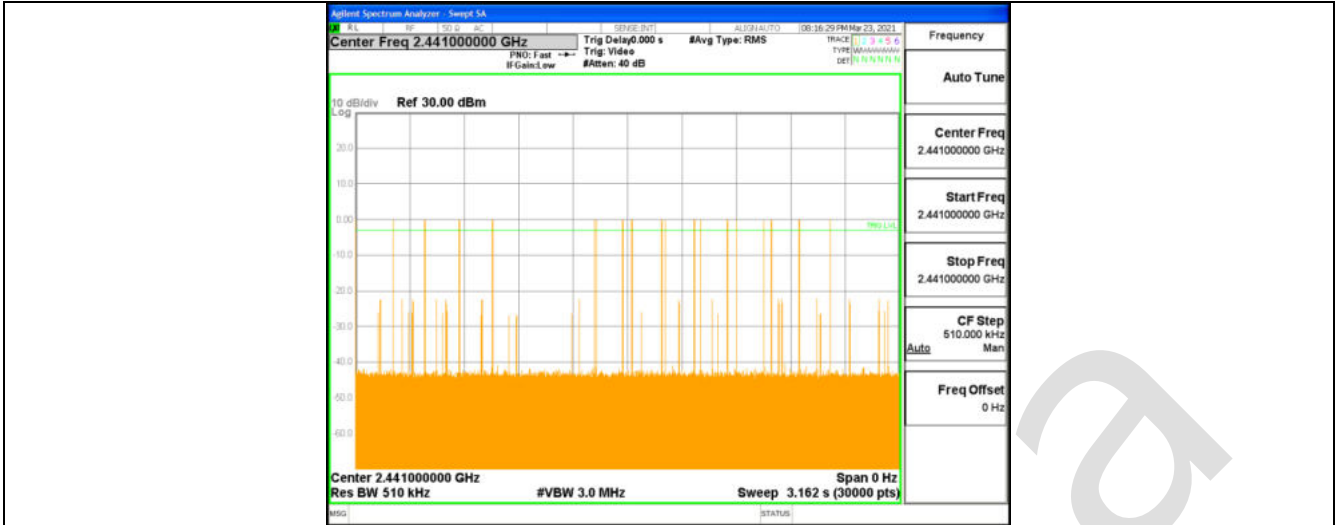
Test Result

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

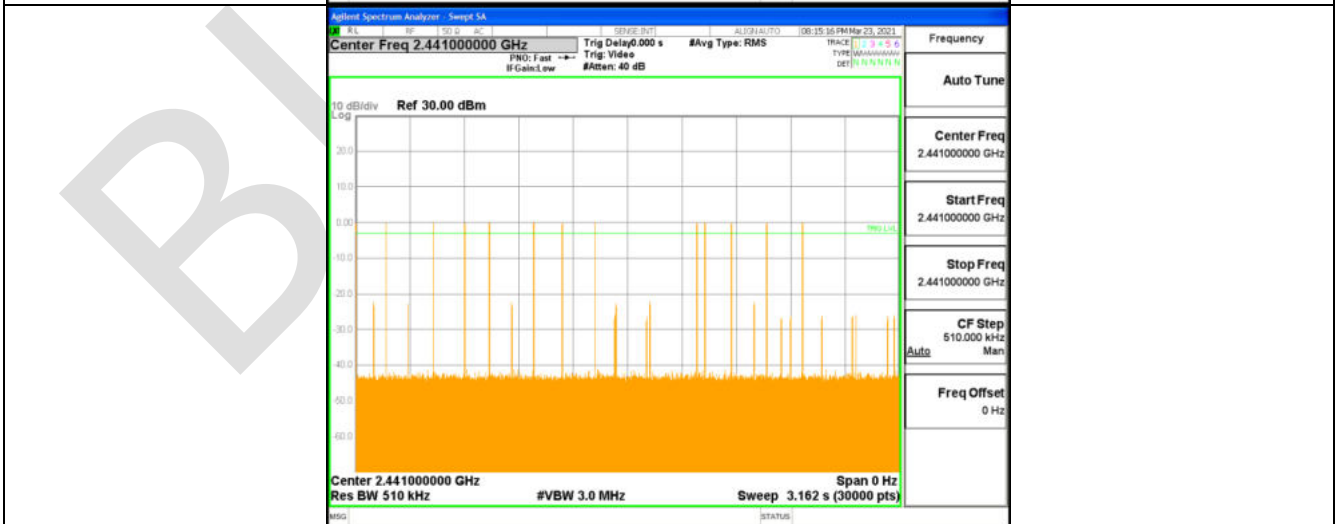
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Test Graphs





DH5_Ant1_Hop



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

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Test Graphs



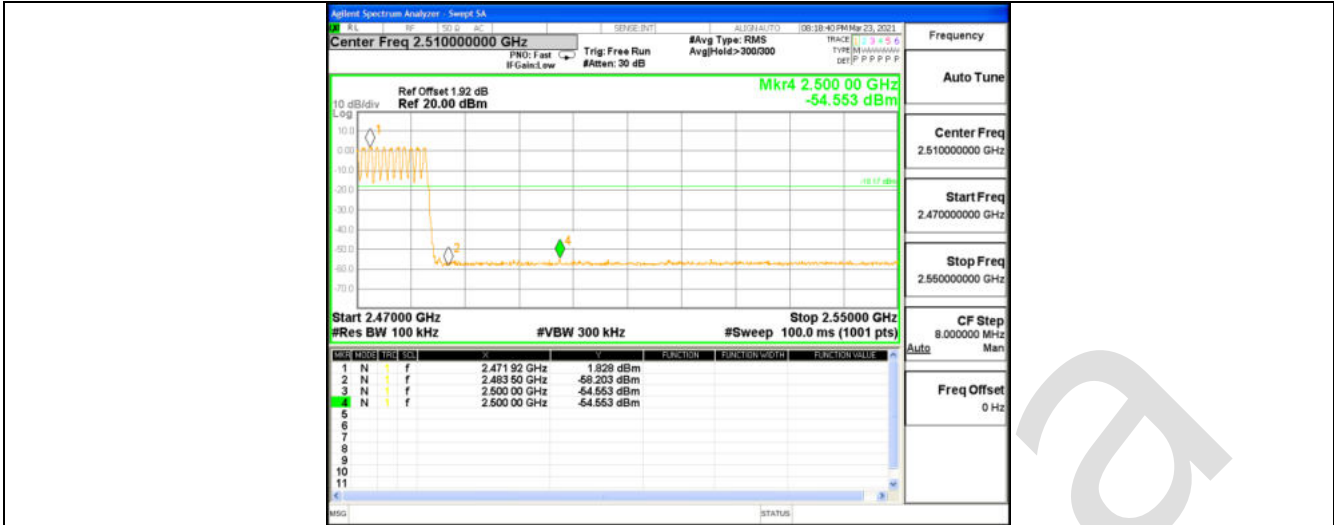
10.7 APPENDIX G: BAND EDGE MEASUREMENTS

Test Result

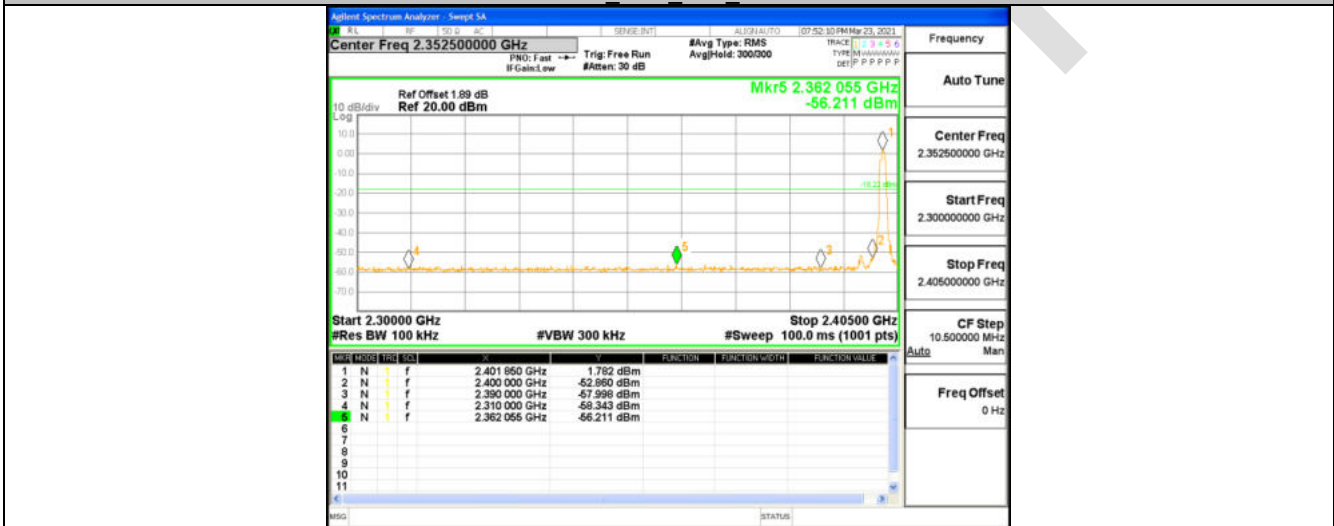
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	Low	2402	0.84	-56.55	<=-19.16	PASS
		High	2480	1.63	-55.35	<=-18.37	PASS
		Low	Hop_2402	0.68	-55.18	-19.32	PASS
		High	Hop_2480	1.83	-54.55	-18.17	PASS
2DH1	Ant1	Low	2402	1.78	-56.21	<=-18.22	PASS
		High	2480	2.40	-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

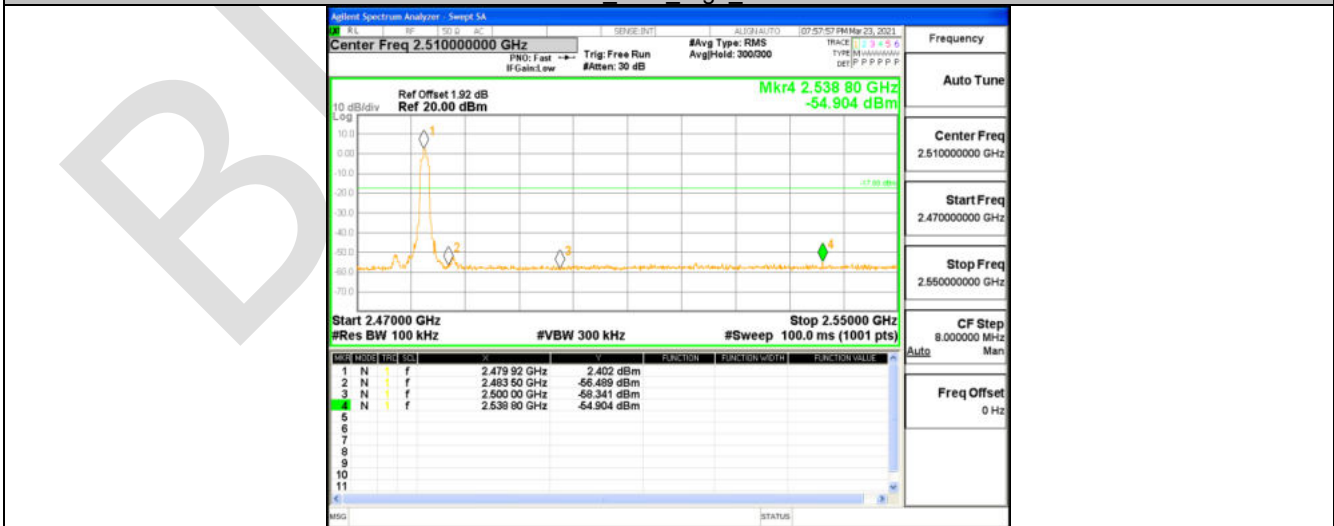




2DH1 Ant1 Low 2402



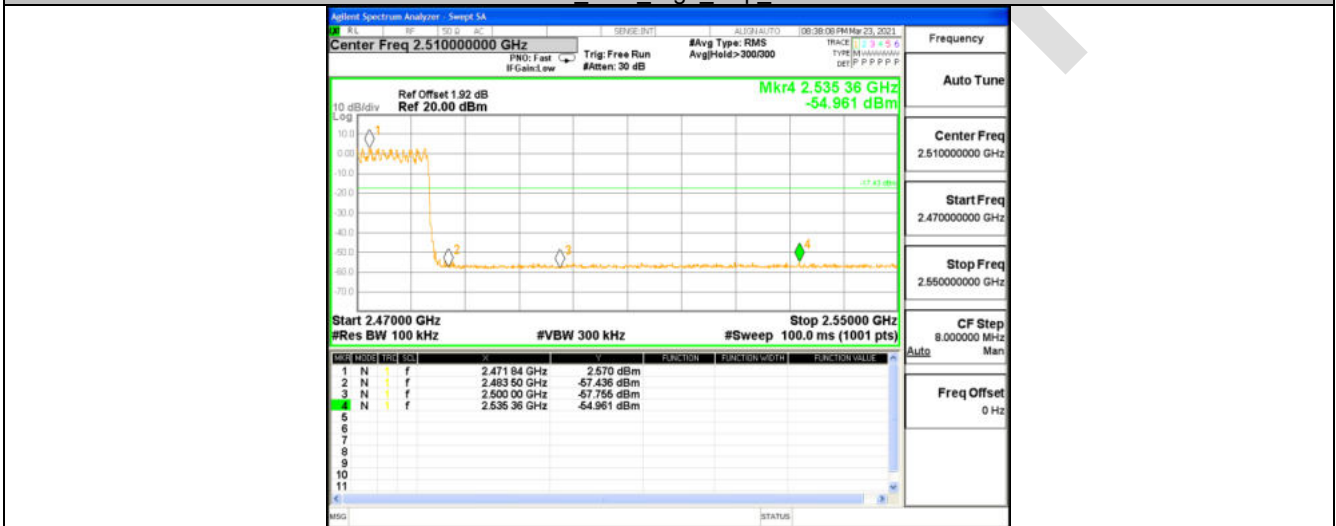
2DH1 Ant1 High 2480



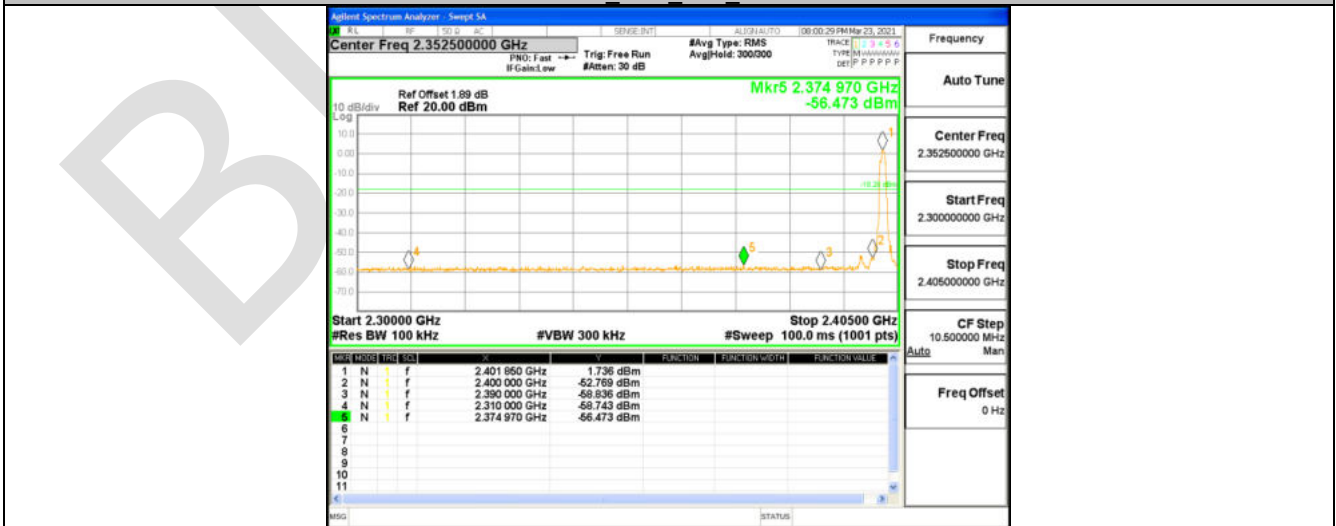
2DH1 Ant1 Low Hop 2402



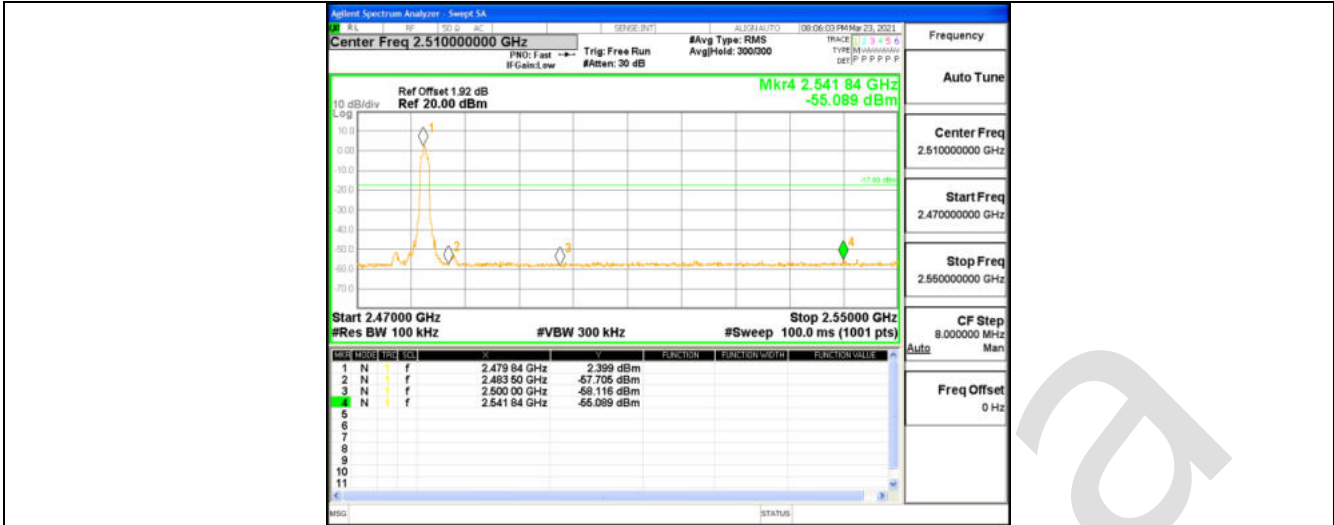
2DH1 Ant1 High Hop 2480



3DH1 Ant1 Low 2480



3DH1 Ant1 High 2480



3DH1 Ant1 Low Hop 2402



3DH1 Ant1 High Hop 2480

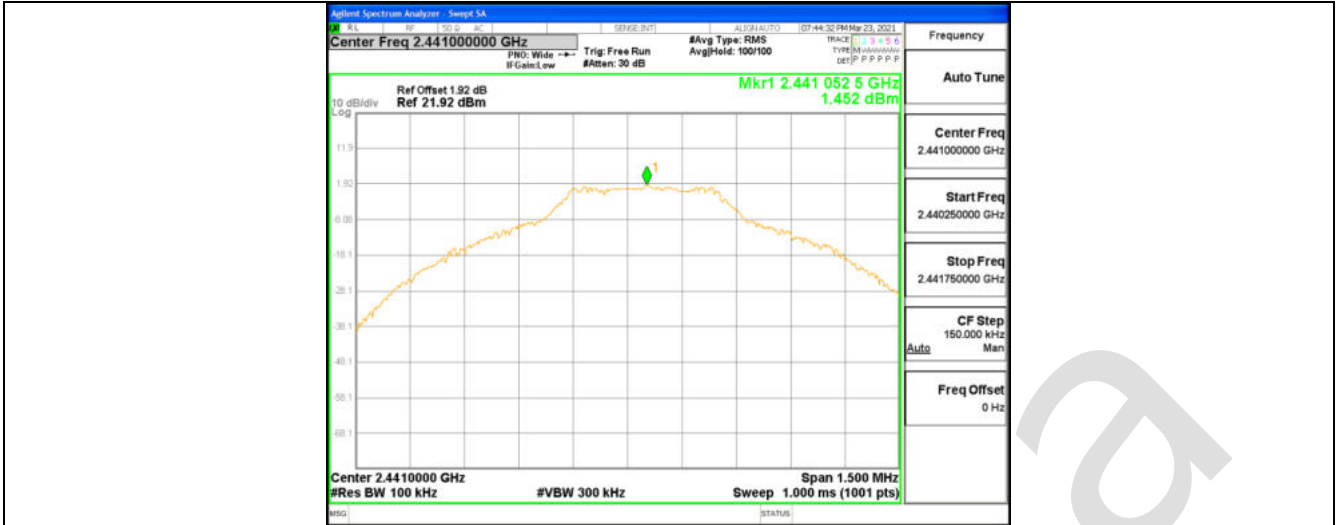


10.8 APPENDIX H: CONDUCTED SPURIOUS EMISSION
Test Result

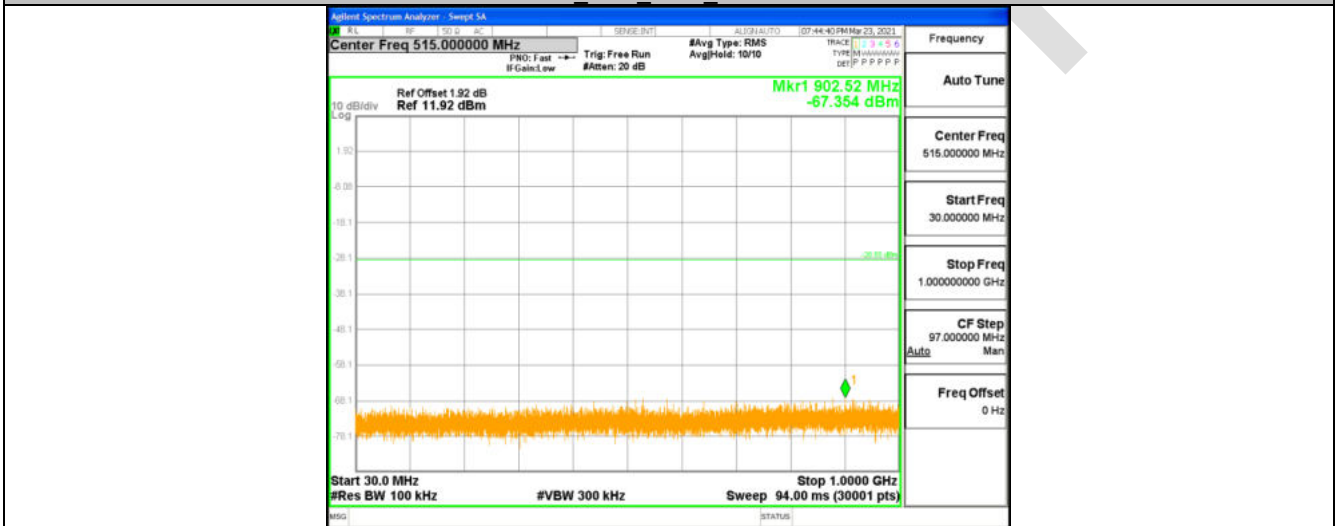
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	2402	Reference	0.73	0.73	---	PASS
			30~1000	30~1000	-67.133	<=-29.272	PASS
			1000~26500	1000~26500	-54.191	<=-29.272	PASS
		2441	Reference	1.45	1.45	---	PASS
			30~1000	30~1000	-67.354	<=-28.548	PASS
			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

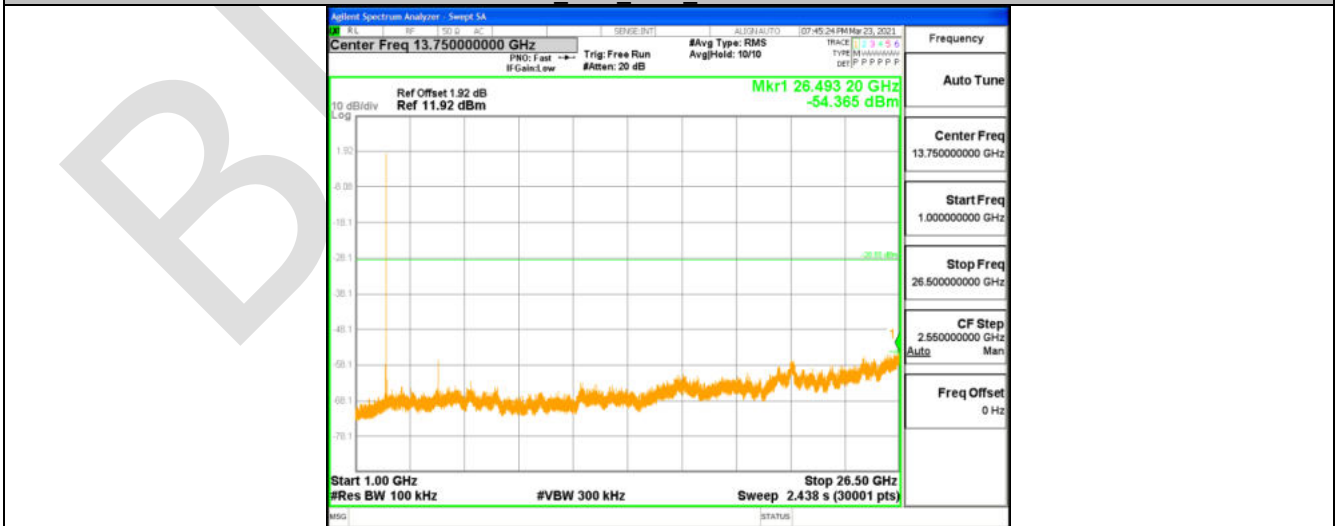




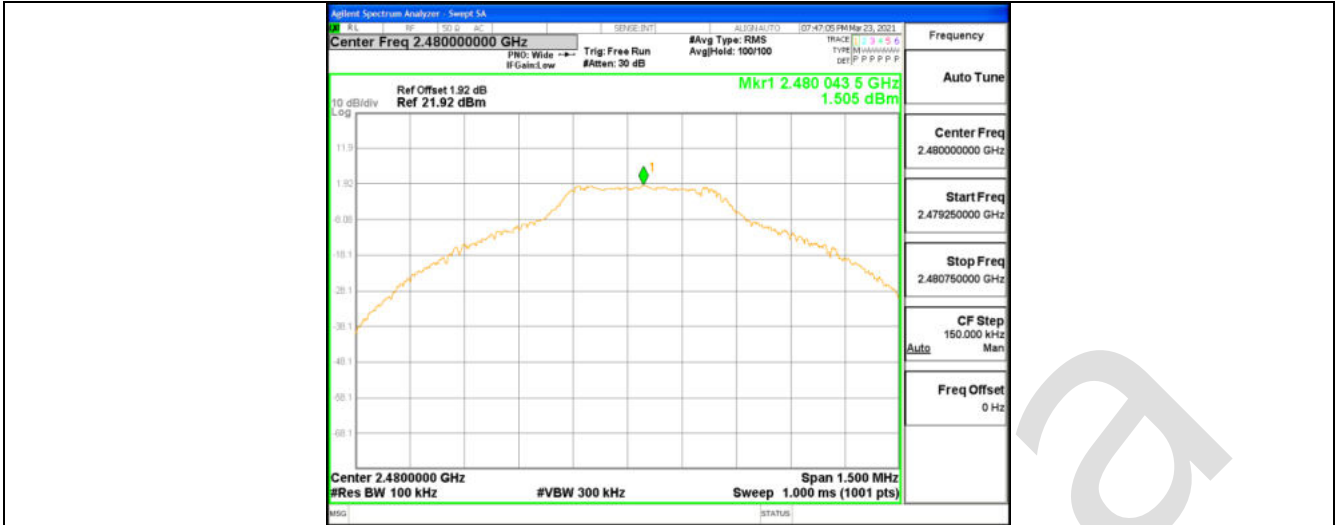
DH1_Ant1_2441_30~1000



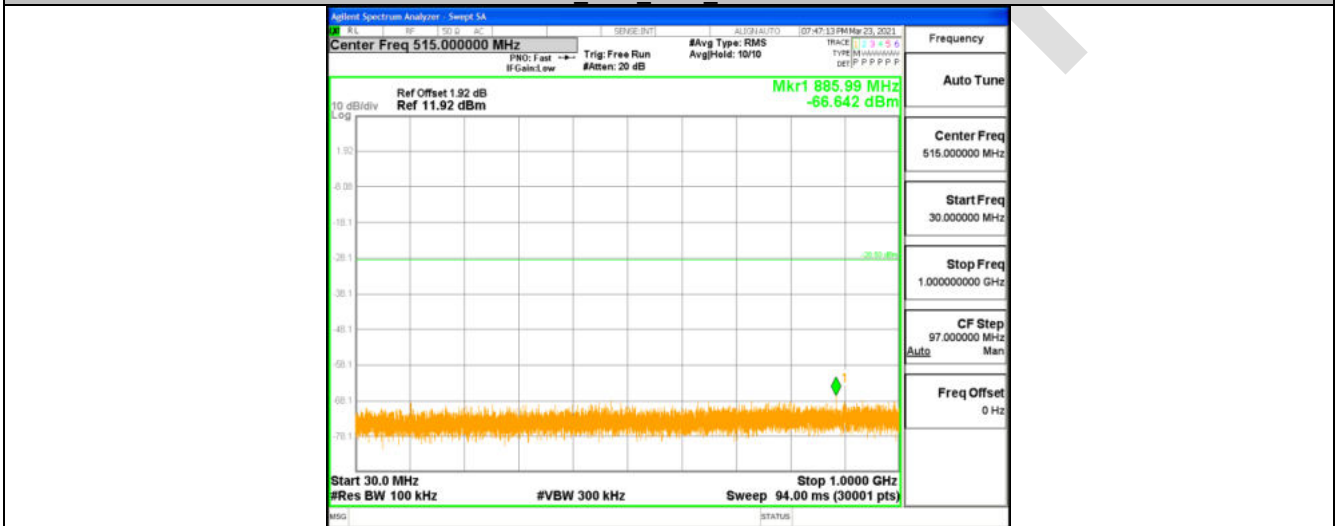
DH1_Ant1_2441_1000~26500



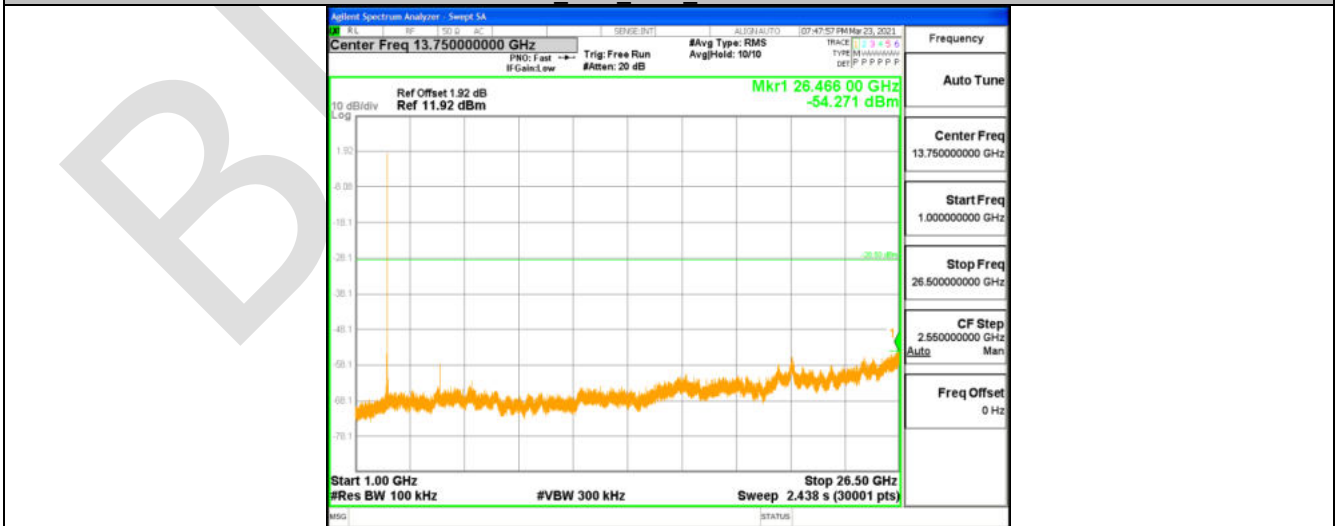
DH1_Ant1_2480_0~Reference



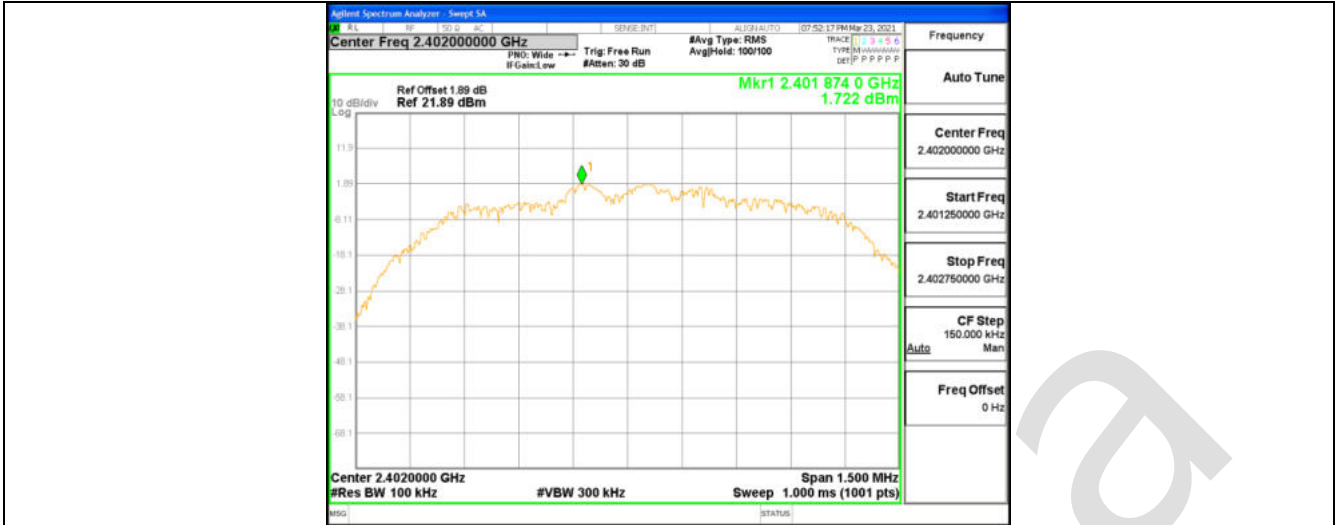
DH1 Ant1 2480 30~1000



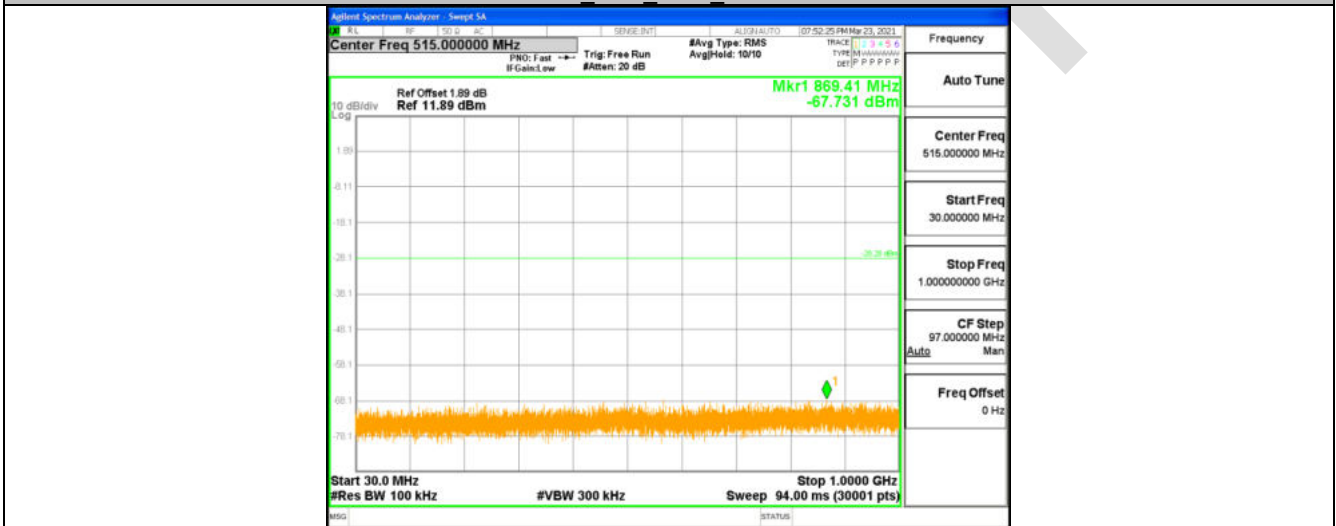
DH1 Ant1 2480 1000~26500



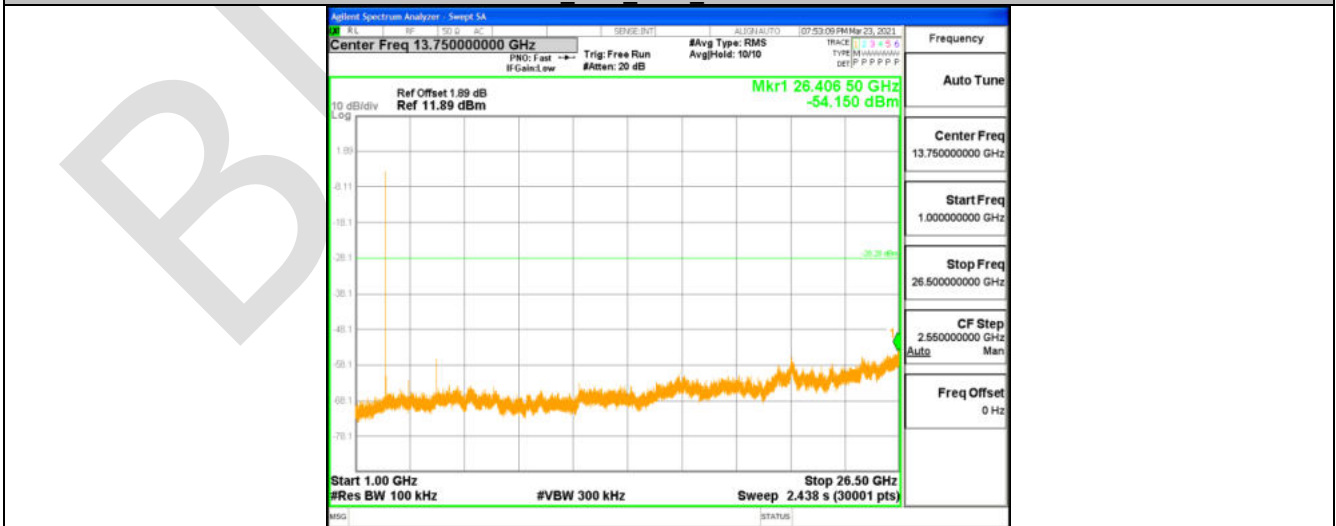
2DH1 Ant1 2402 0~Reference



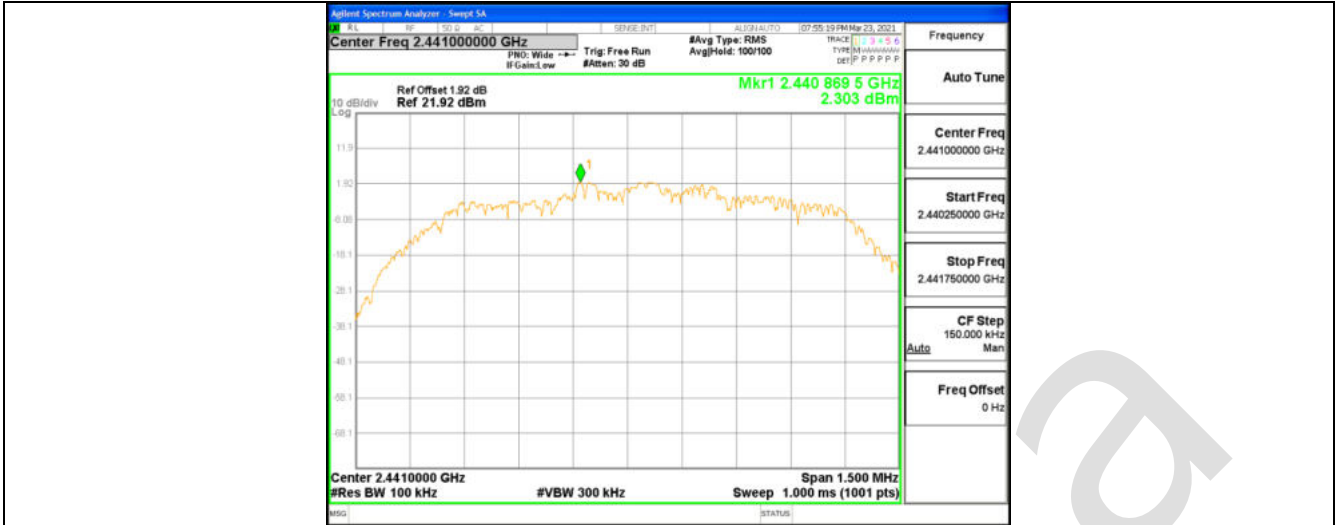
2DH1_Ant1_2402_30~1000



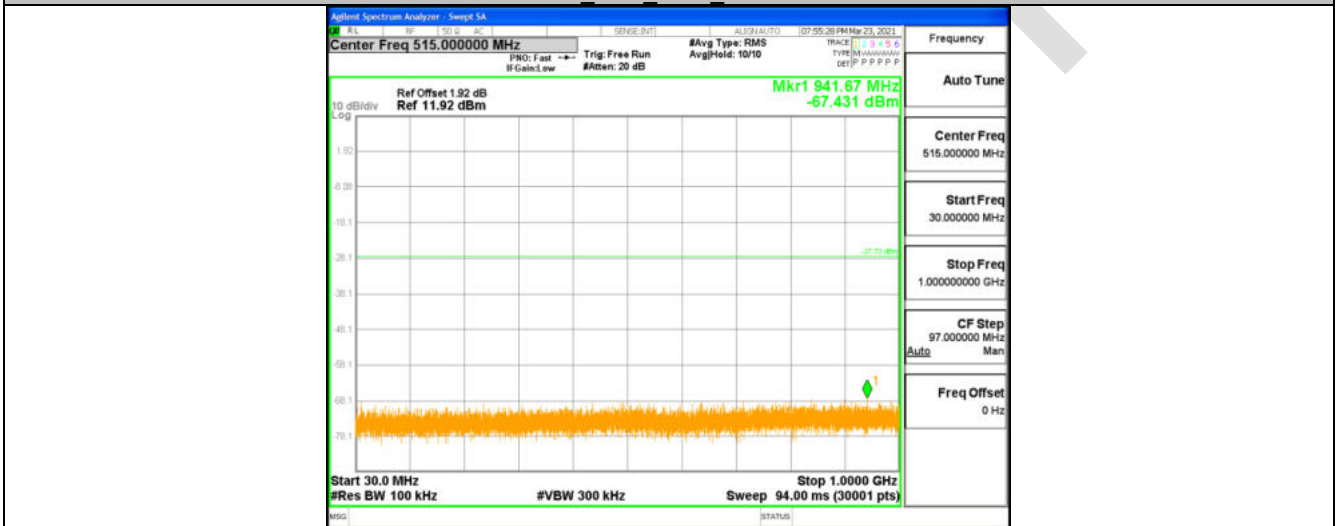
2DH1_Ant1_2402_1000~26500



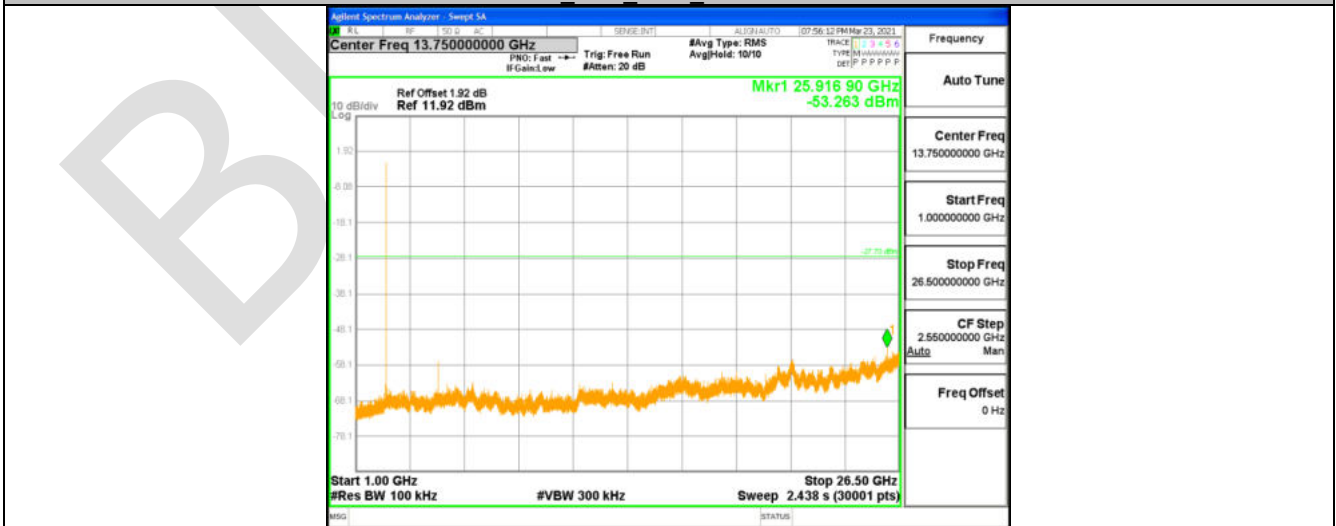
2DH1_Ant1_2441_0~Reference



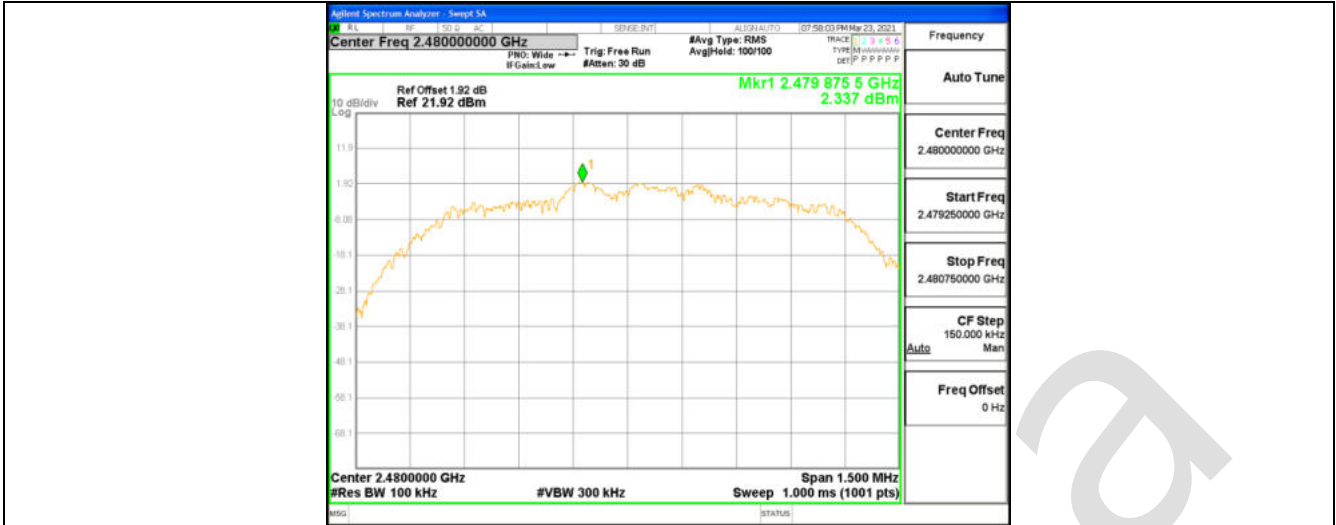
2DH1_Ant1_2441_30~1000



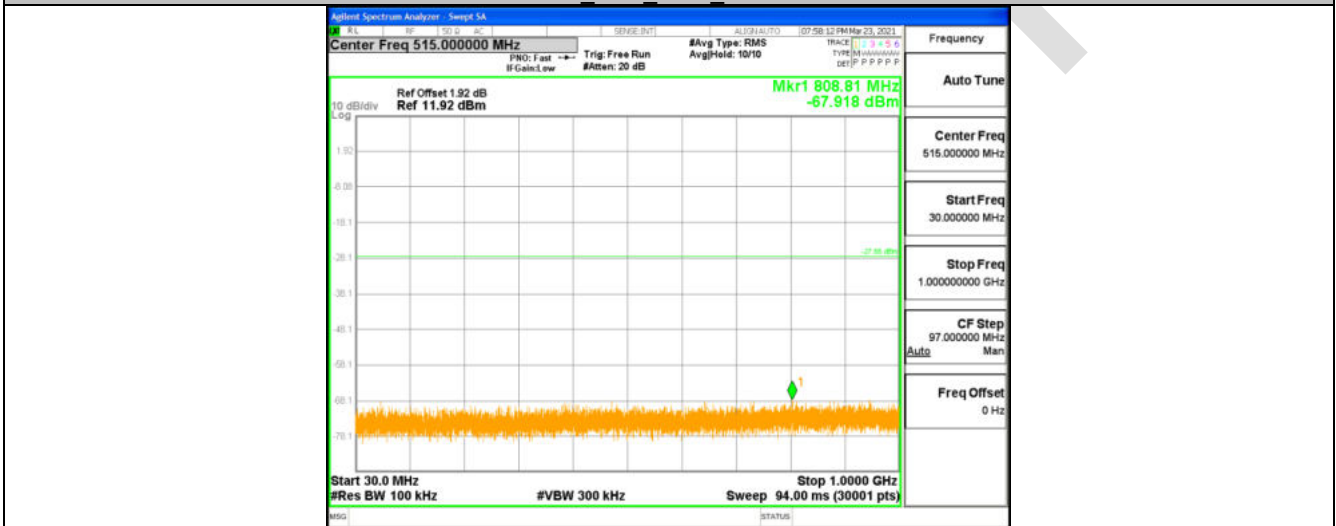
2DH1_Ant1_2441_1000~26500



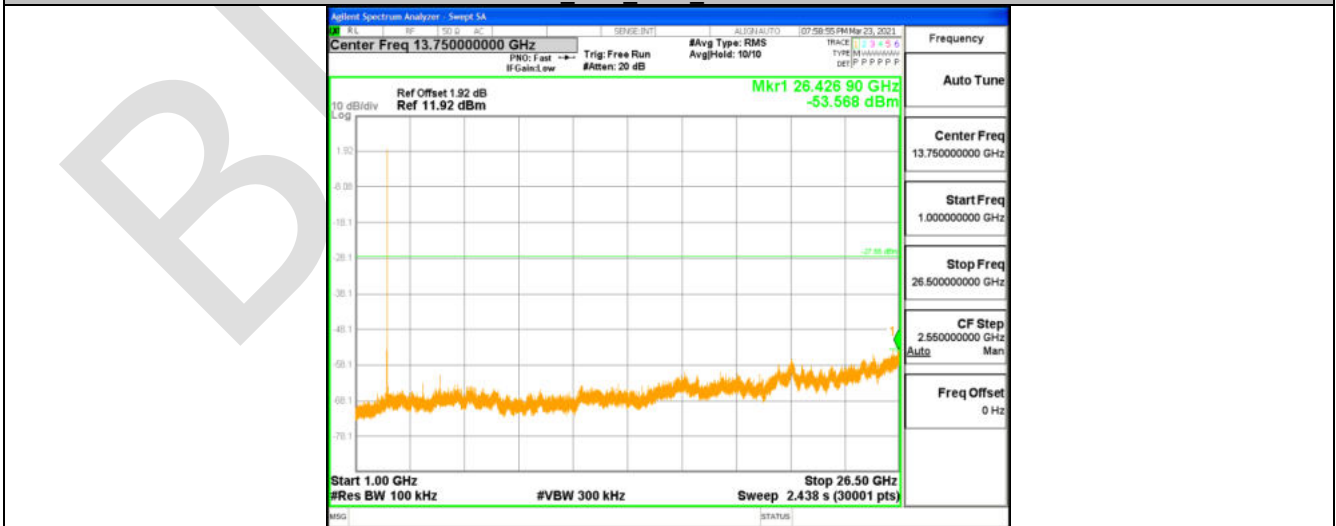
2DH1_Ant1_2480_0~Reference



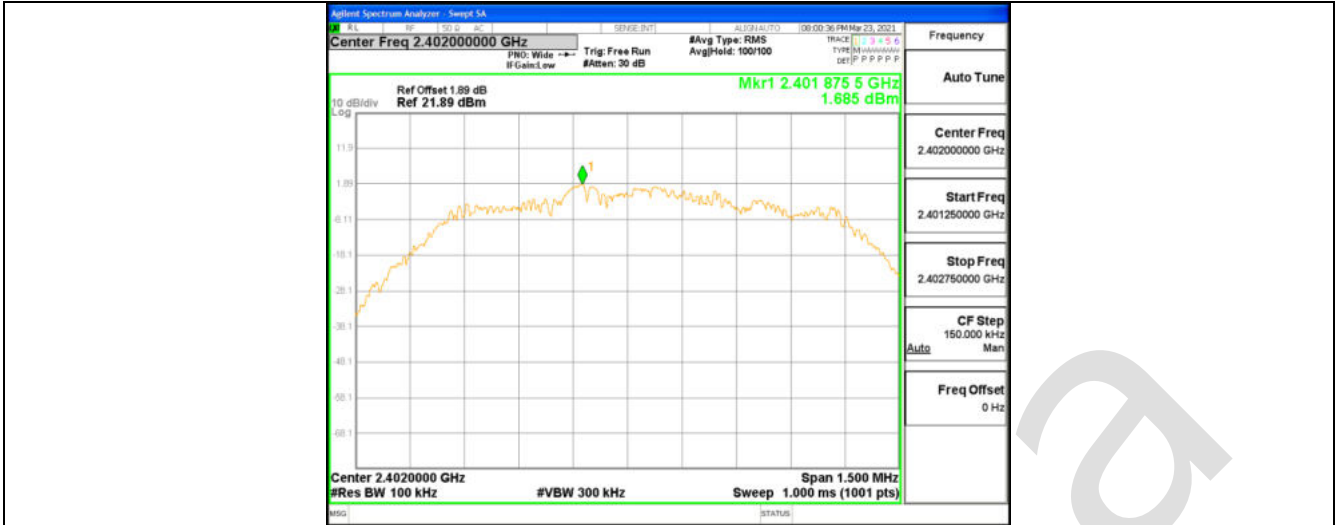
2DH1_Ant1_2480_30~1000



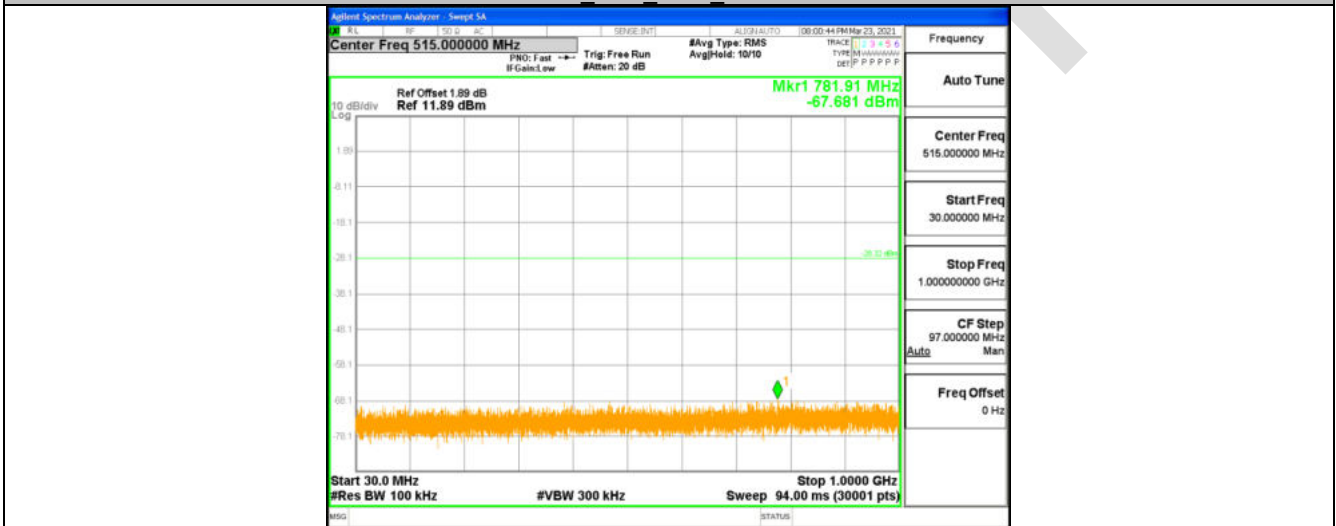
2DH1_Ant1_2480_1000~26500



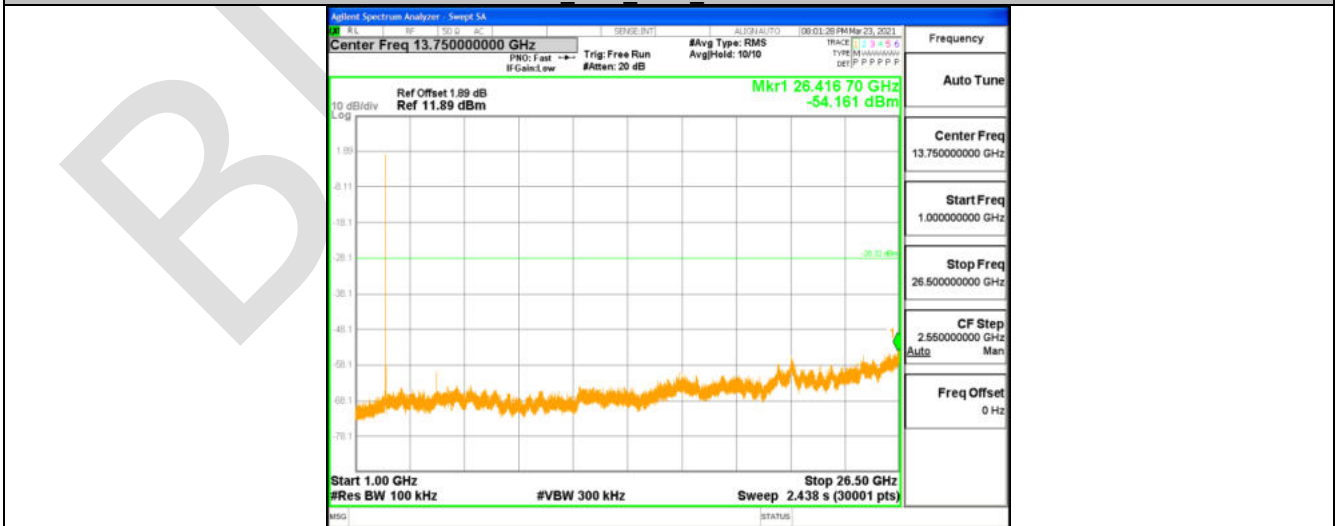
3DH1_Ant1_2402_0~Reference



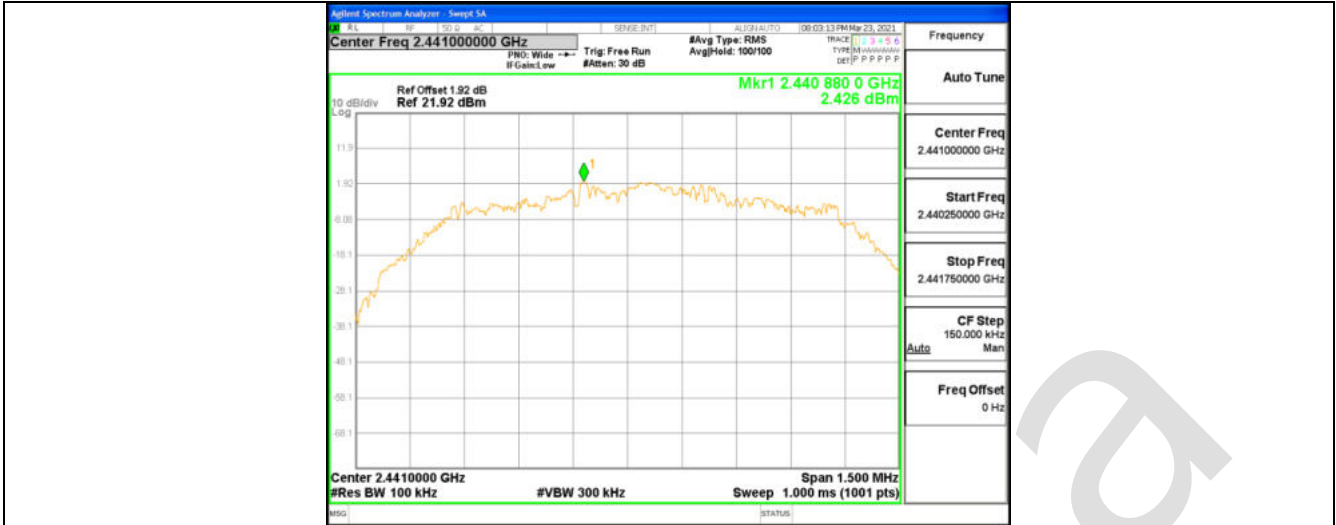
3DH1_Ant1_2402_30~1000



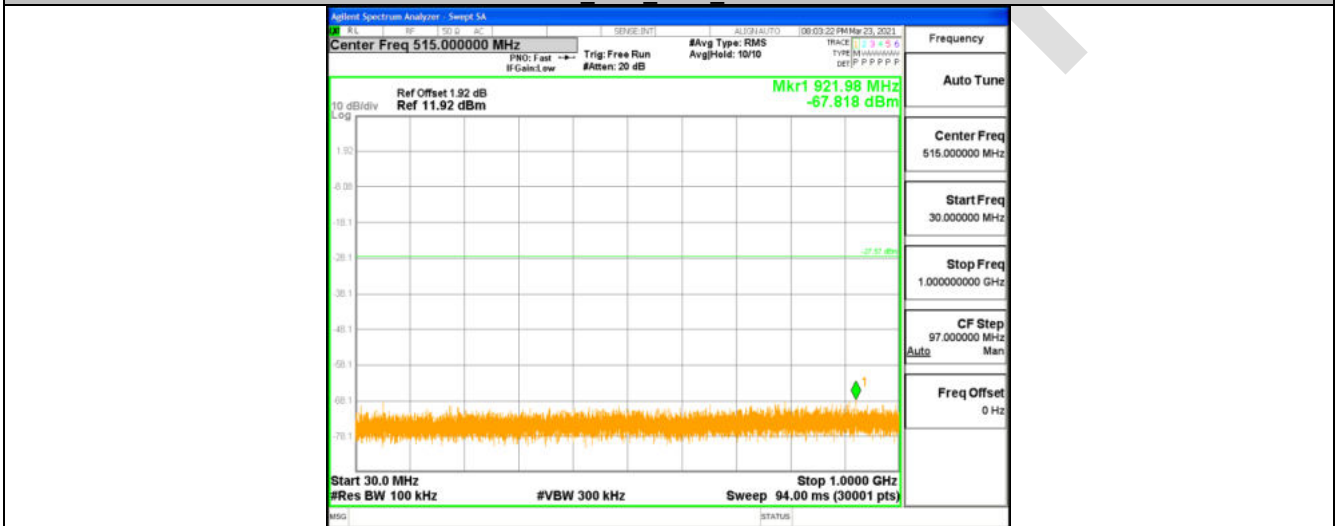
3DH1_Ant1_2402_1000~26500



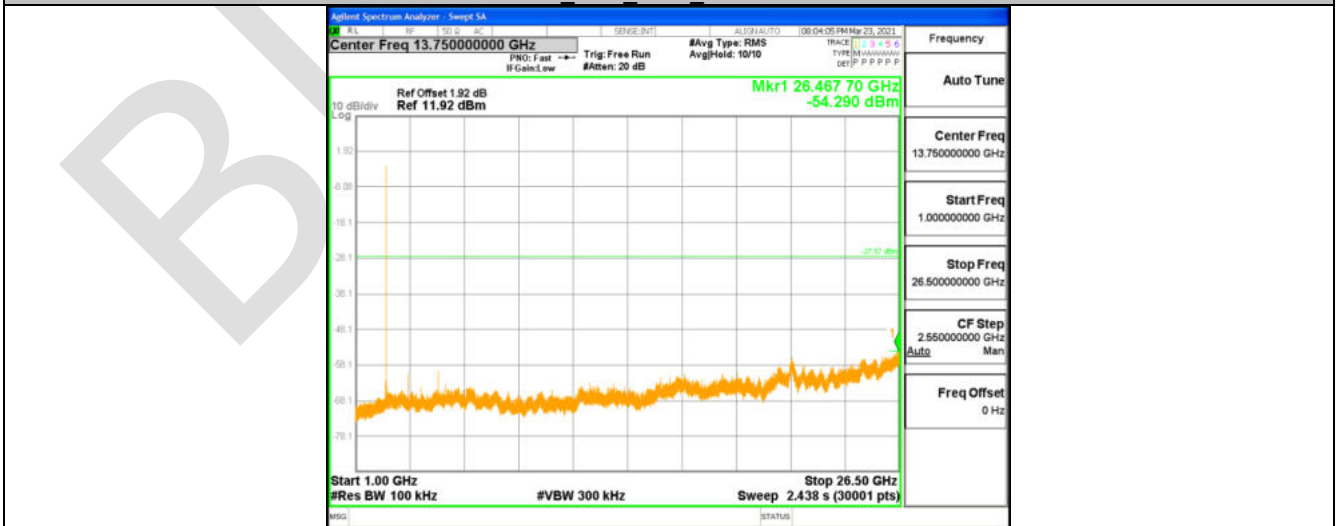
3DH1_Ant1_2441_0~Reference



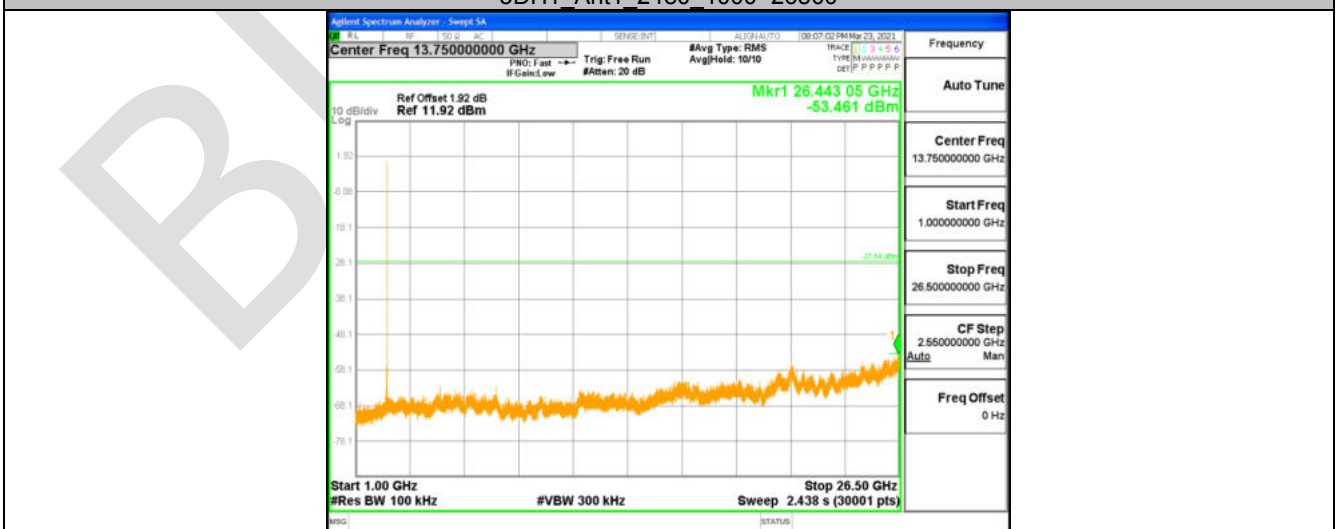
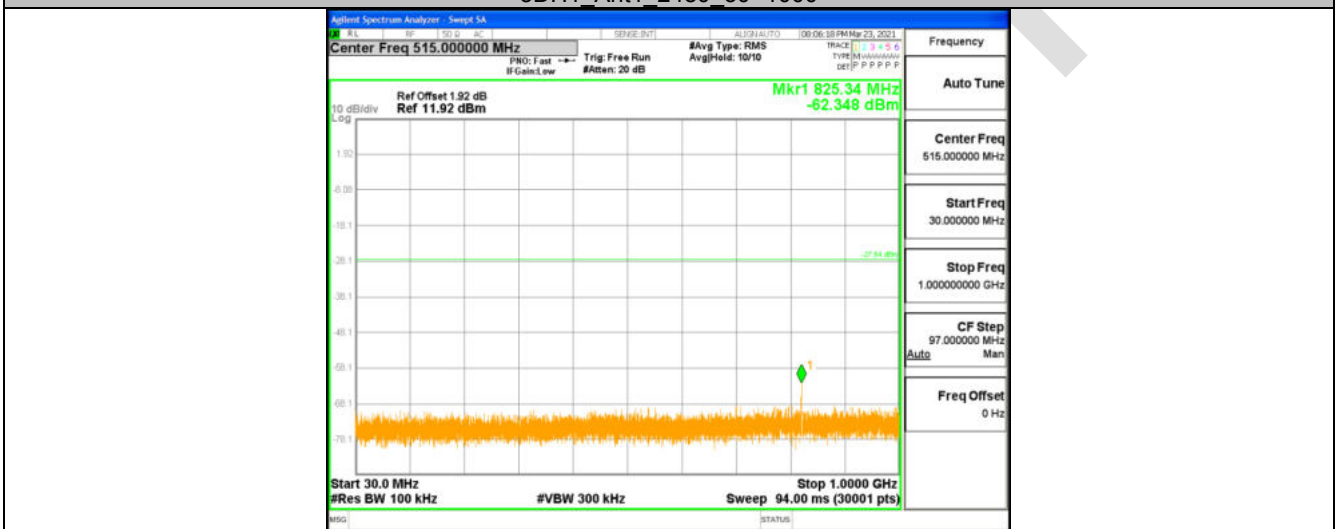
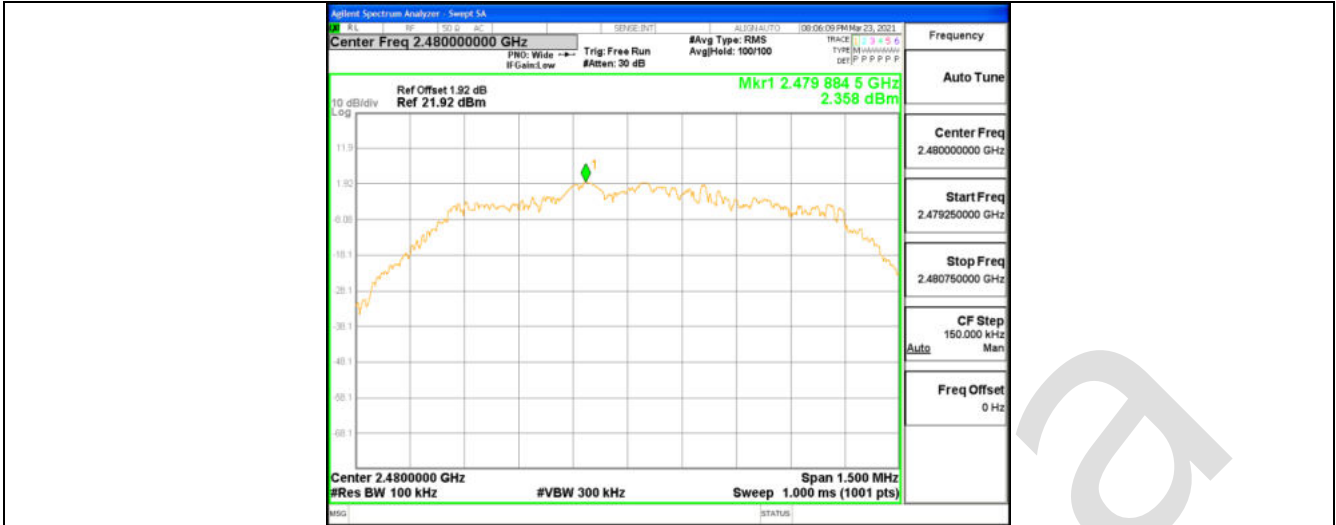
3DH1_Ant1_2441_30~1000



3DH1_Ant1_2441_1000~26500



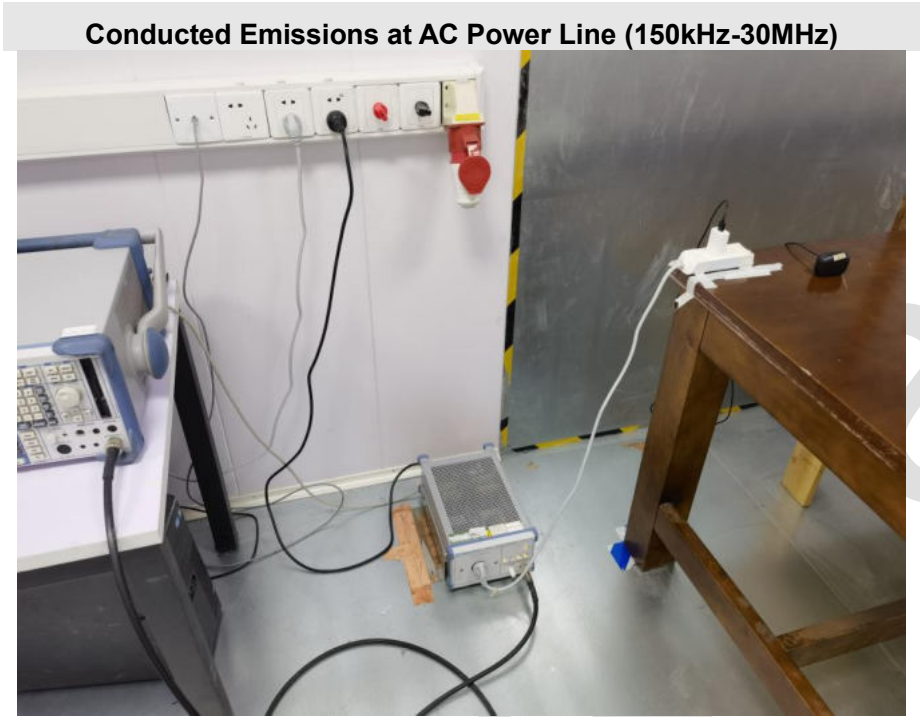
3DH1_Ant1_2480_0~Reference



APPENDIX A: PHOTOGRAPHS OF TEST SETUP

Radiated Spurious Emissions





APPENDIX B: PHOTOGRAPHS OF EUT

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

----END OF REPORT----

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