

10 APPENDIX

Appendix1

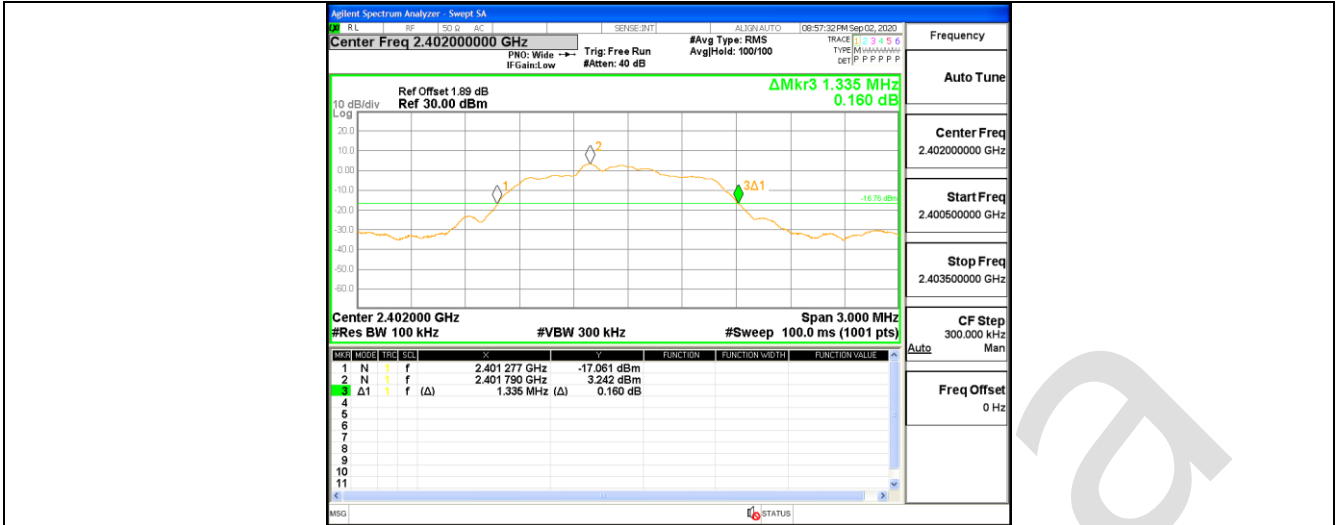
10.1 APPENDIX: 20DBEMISSION BANDWIDTH

Test Result

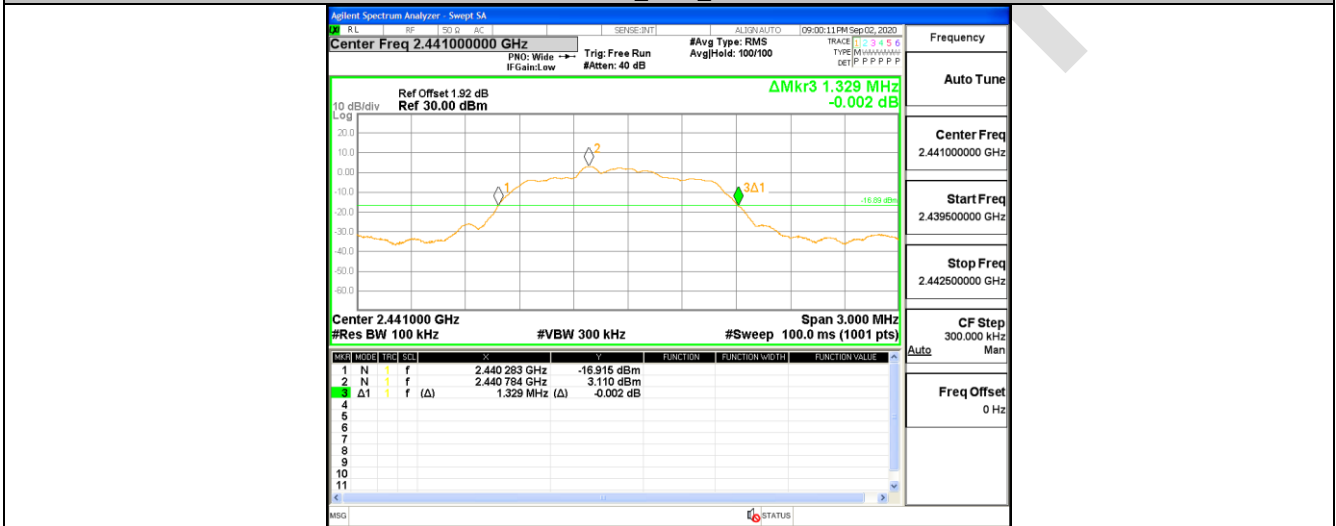
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	1.125	2401.397	2402.522	---	PASS
		2441	1.116	2440.397	2441.513	---	PASS
		2480	1.113	2479.397	2480.510	---	PASS
2DH1	Ant1	2402	1.335	2401.277	2402.612	---	PASS
		2441	1.329	2440.283	2441.612	---	PASS
		2480	1.335	2479.280	2480.615	---	PASS
3DH1	Ant1	2402	1.326	2401.298	2402.624	---	PASS
		2441	1.323	2440.298	2441.621	---	PASS
		2480	1.326	2479.298	2480.624	---	PASS

Test Graphs

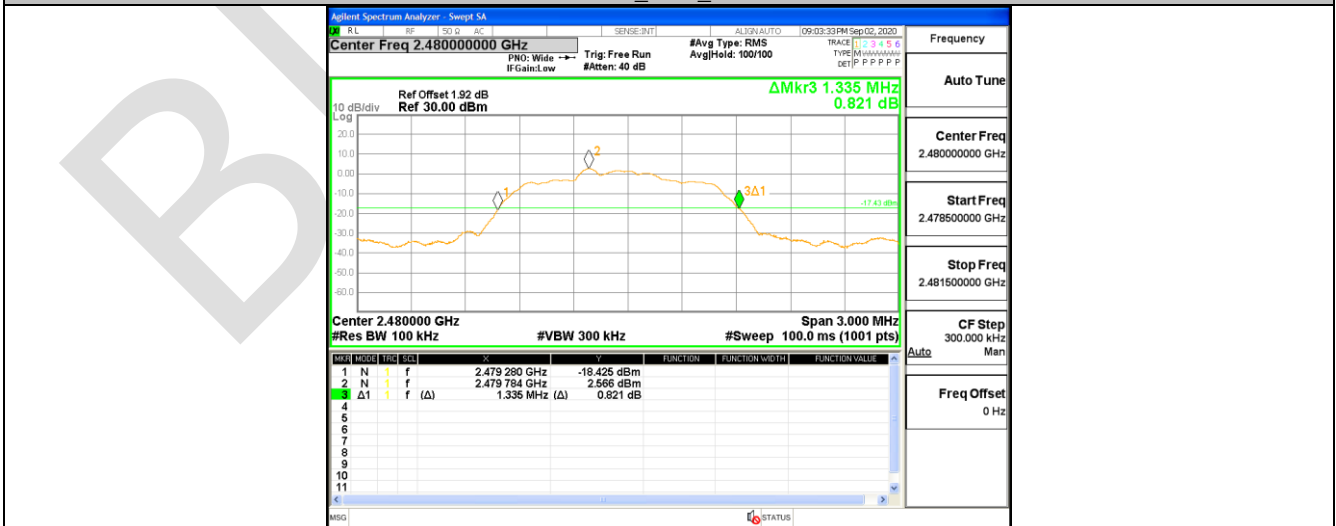




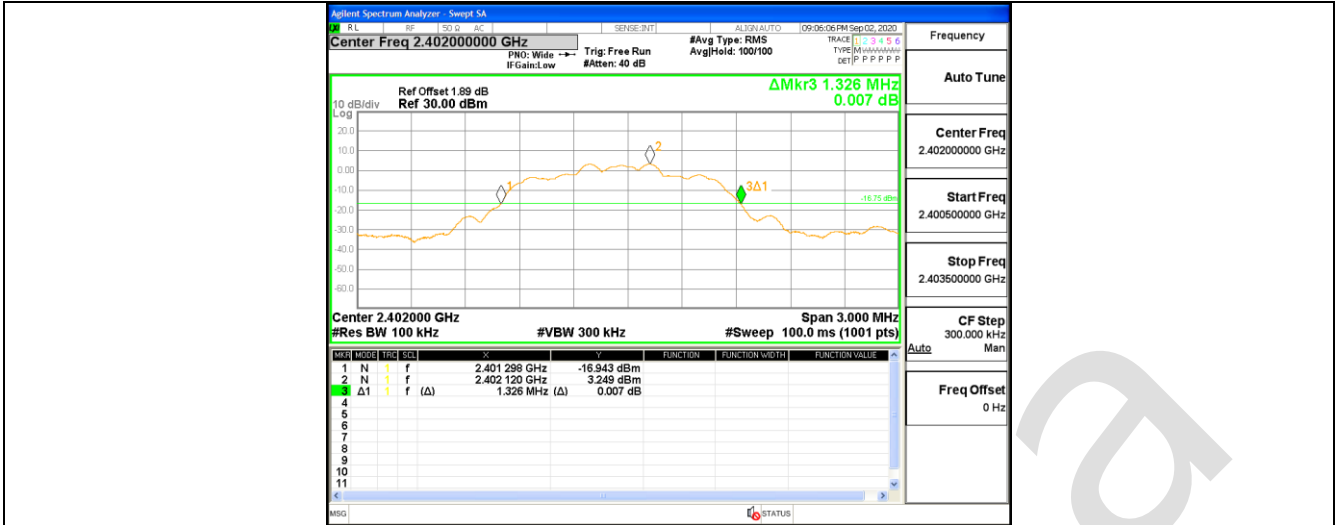
2DH1_Ant1_2441



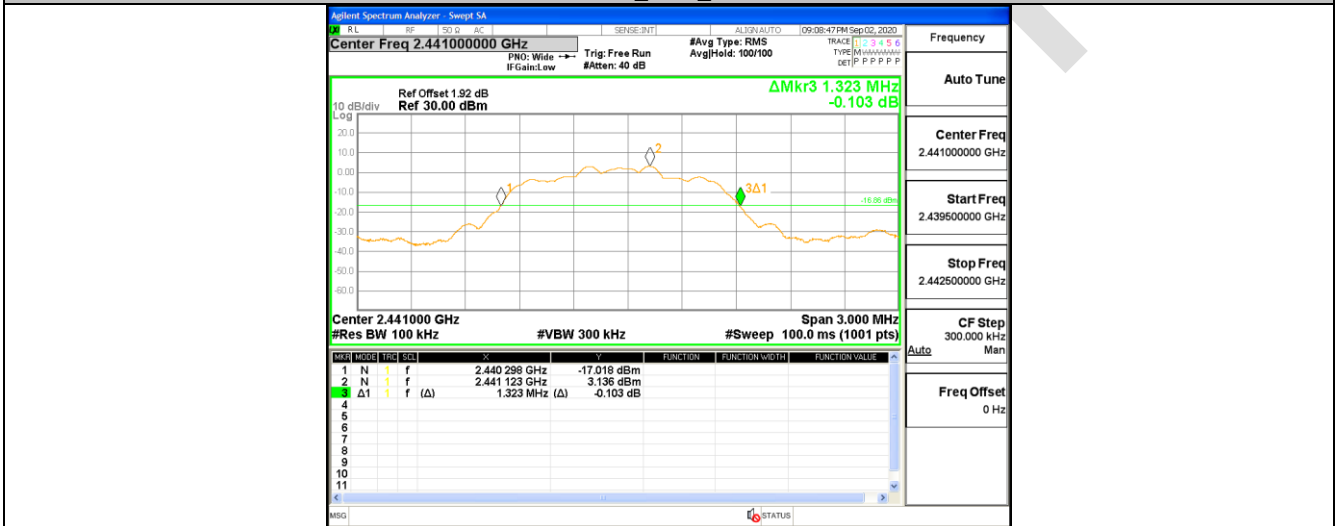
2DH1_Ant1_2480



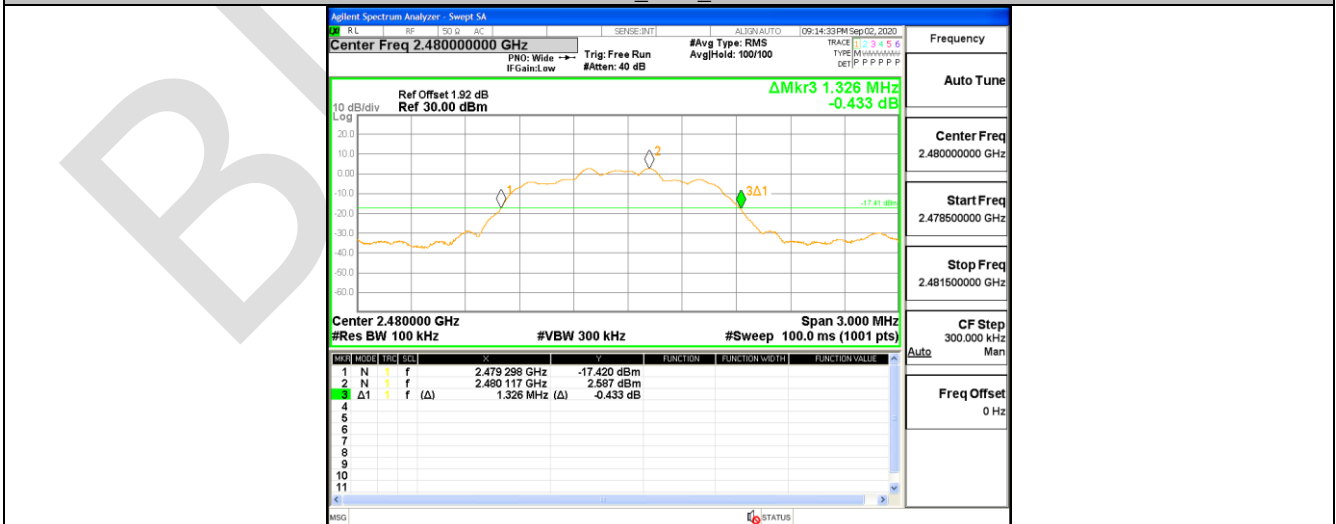
3DH1_Ant1_2402



3DH1_Ant1_2441



3DH1_Ant1_2480



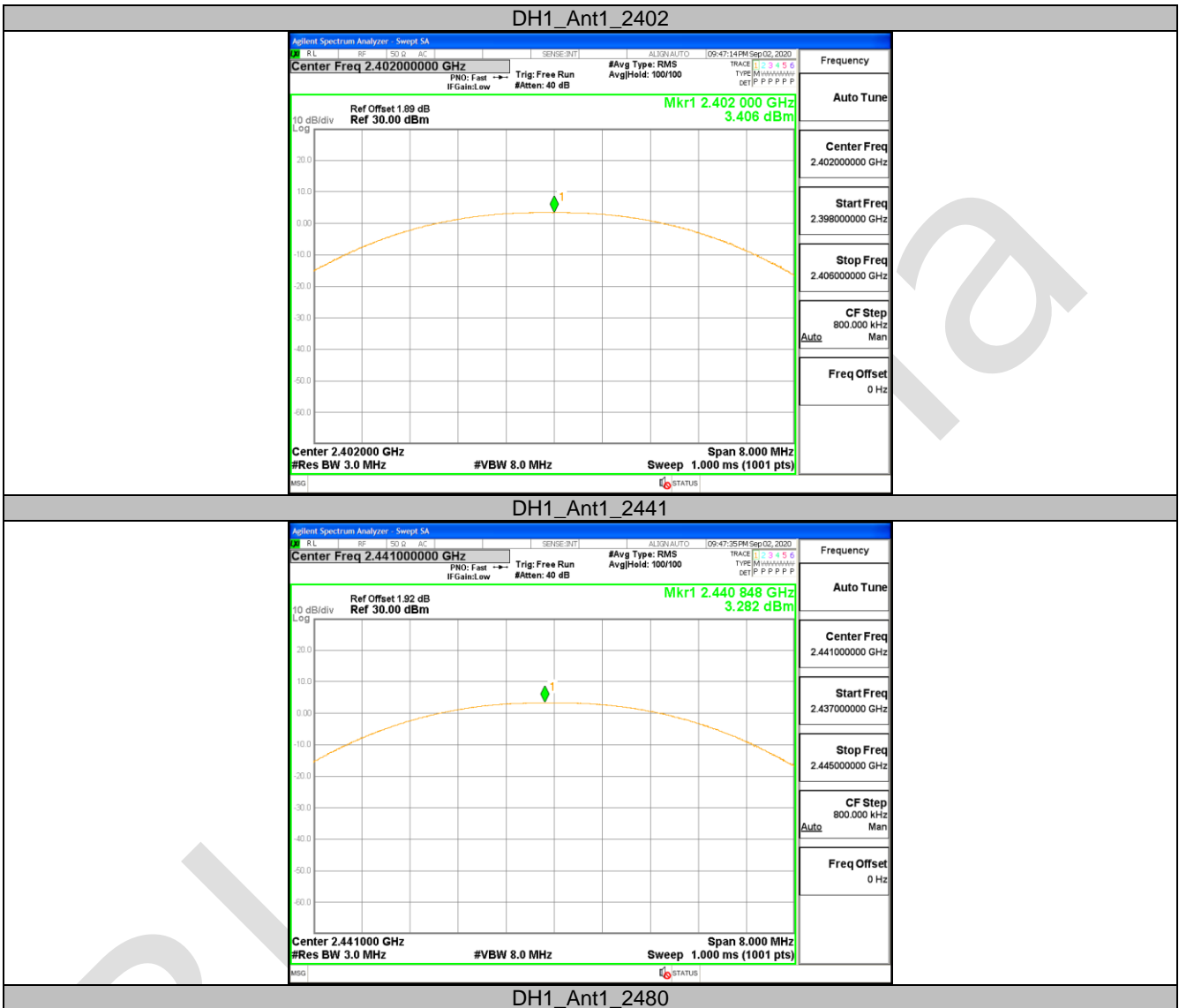
10.2 APPENDIX: MAXIMUM CONDUCTED OUTPUT POWER

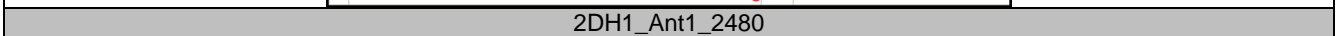
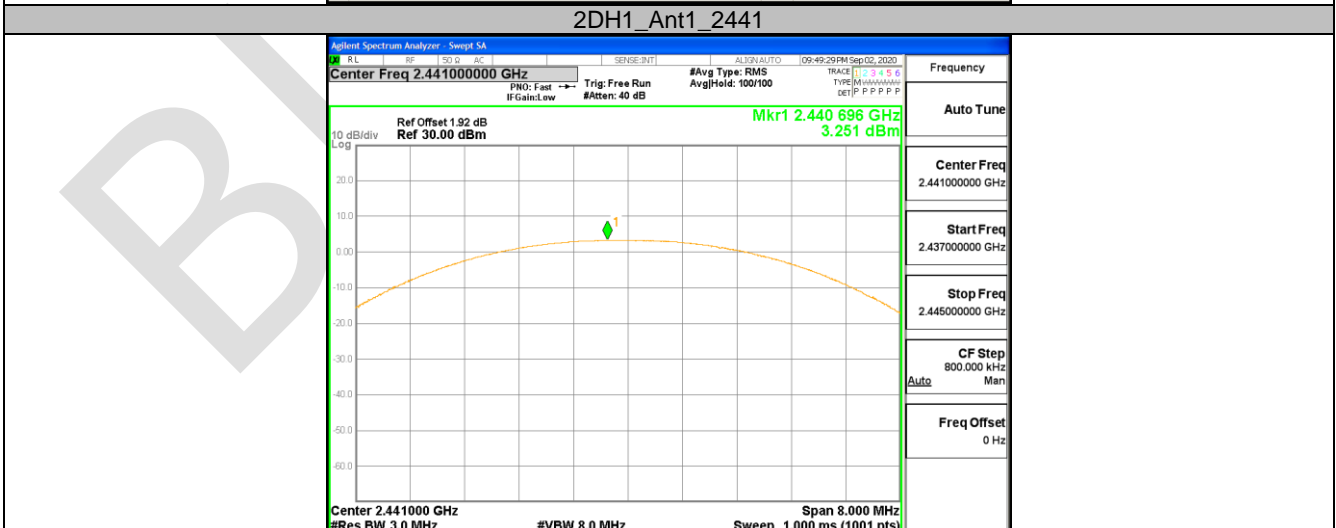
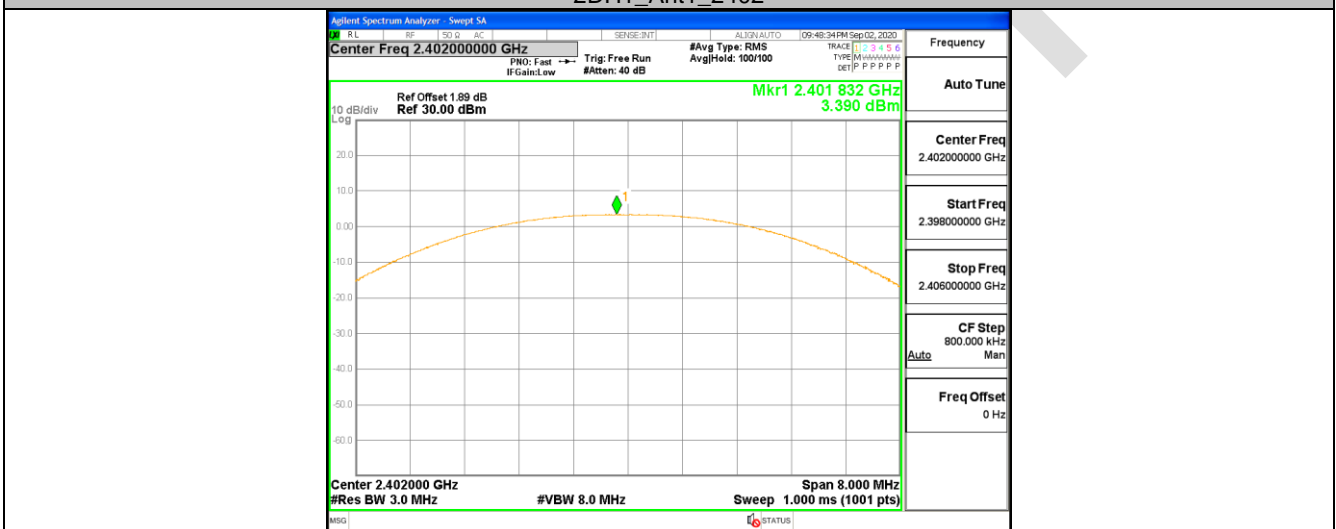
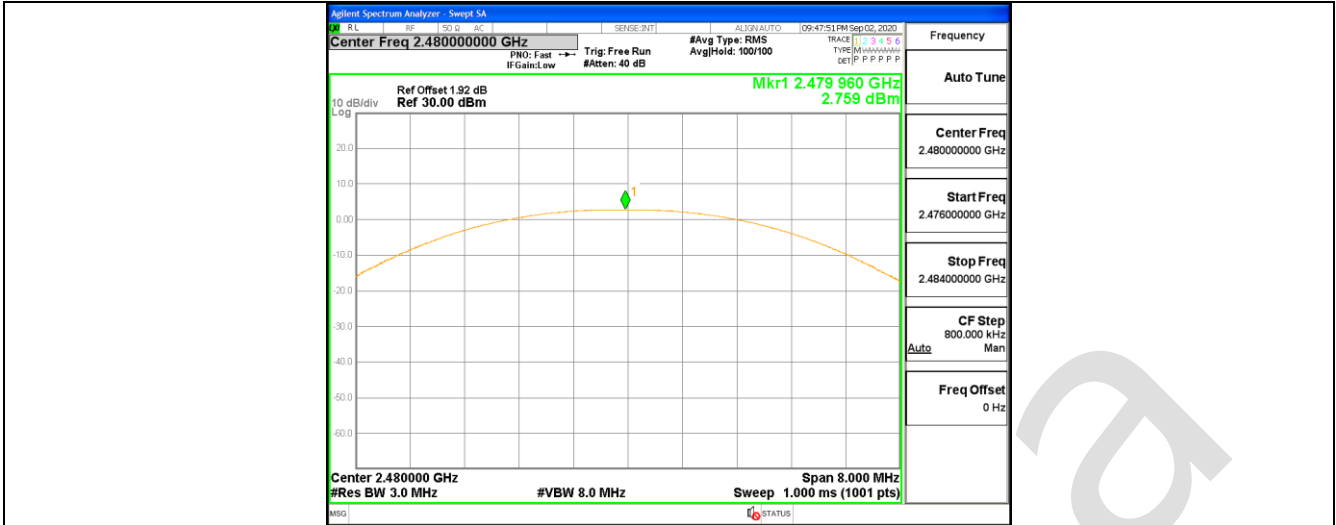
Test Result

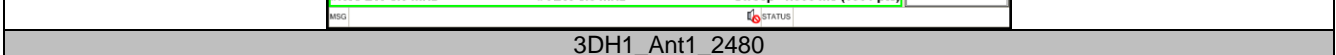
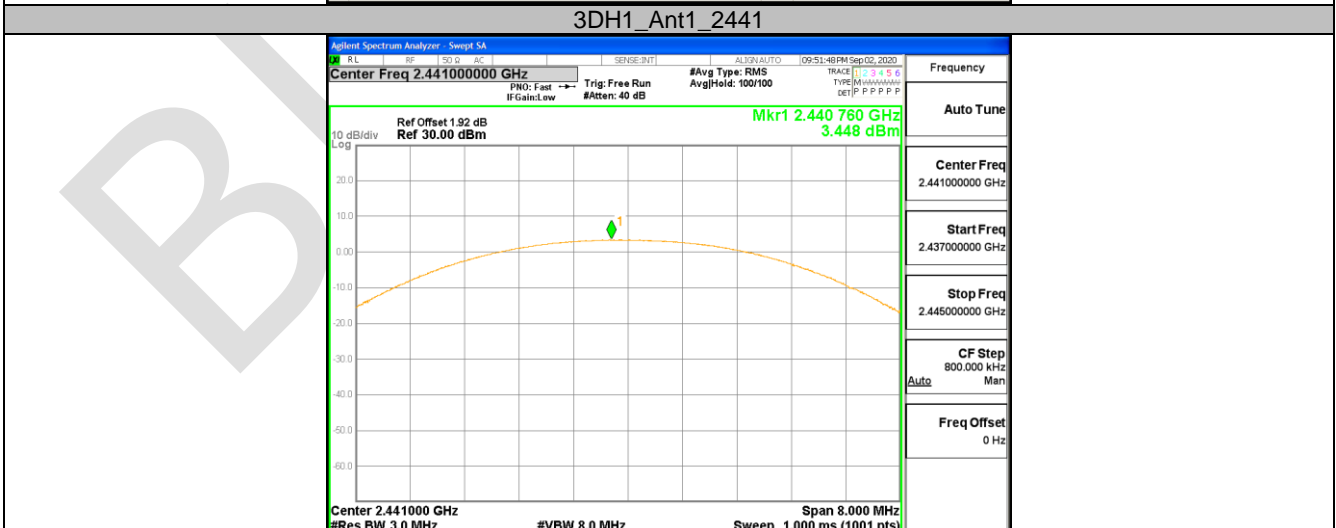
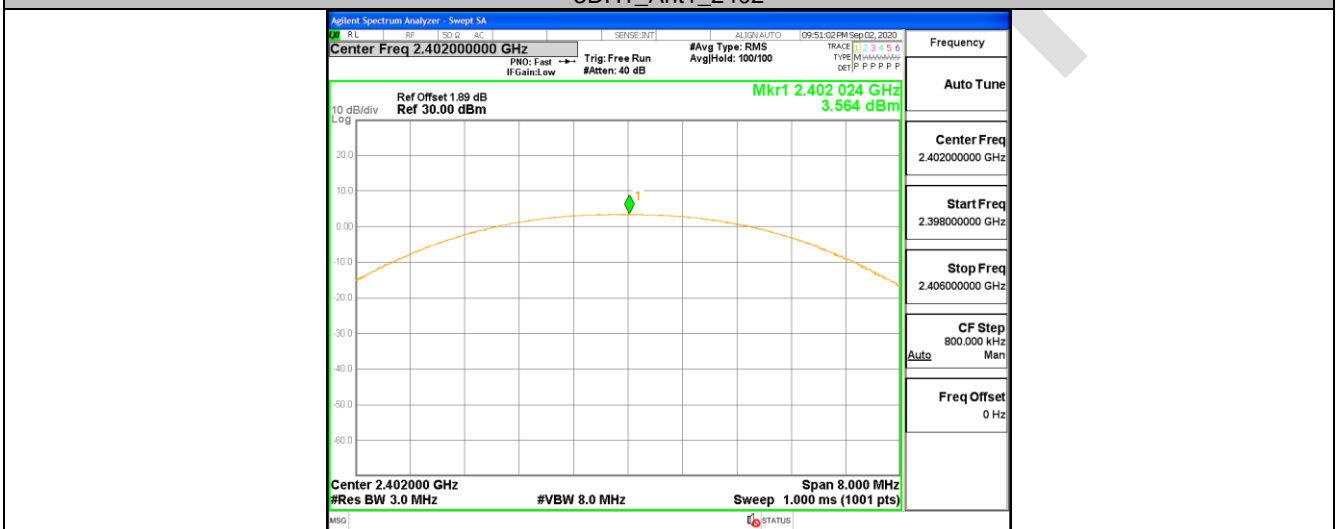
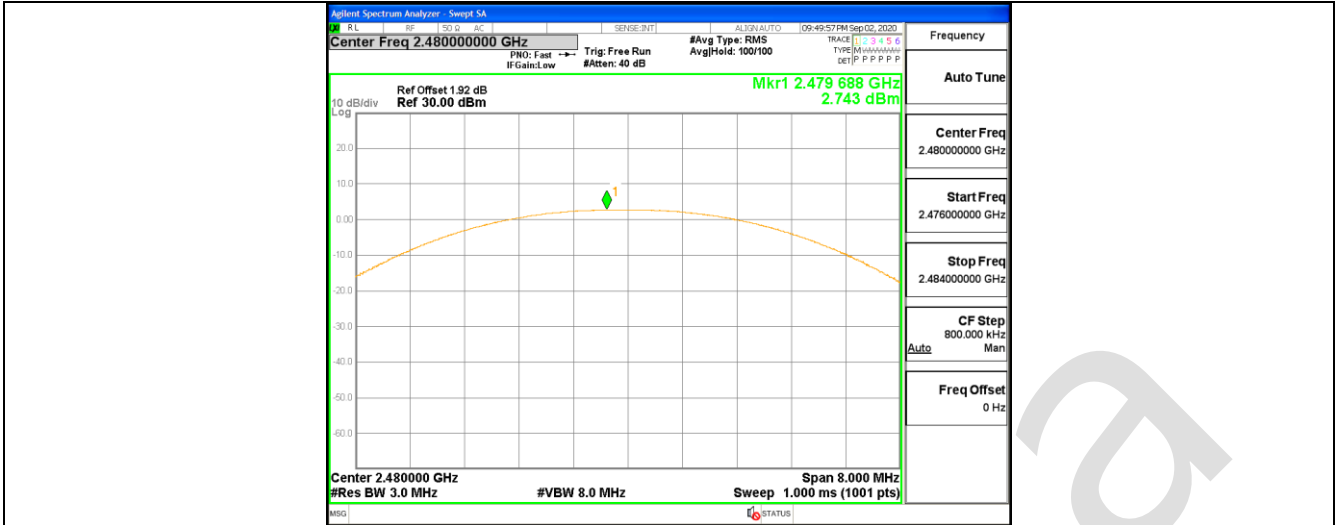
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH1	Ant1	2402	3.41	<=20.97	PASS
		2441	3.28	<=20.97	PASS
		2480	2.76	<=20.97	PASS
2DH1	Ant1	2402	3.39	<=20.97	PASS
		2441	3.25	<=20.97	PASS
		2480	2.74	<=20.97	PASS
3DH1	Ant1	2402	3.56	<=20.97	PASS
		2441	3.45	<=20.97	PASS
		2480	2.92	<=20.97	PASS

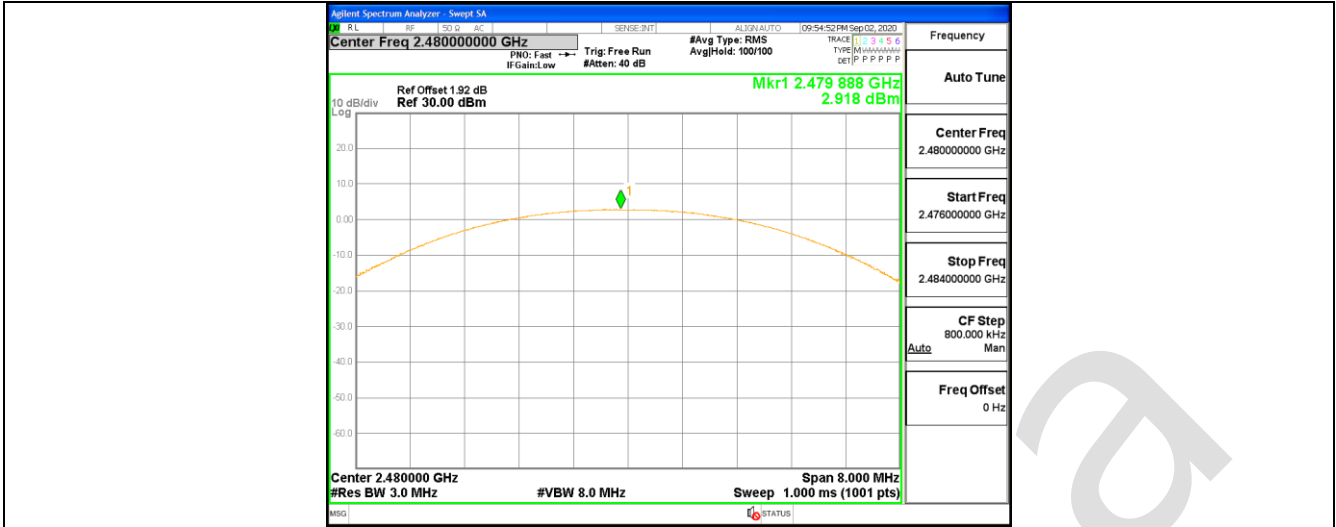
BlueAsia

Test Graphs









10.3 APPENDIX: CARRIER FREQUENCY SEPARATION

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop	1.008	≥ 0.750	PASS
2DH1	Ant1	Hop	1.002	≥ 0.890	PASS
3DH1	Ant1	Hop	1.004	≥ 0.884	PASS

BlueAsia

Test Graphs



10.4 APPENDIX: TIME OF OCCUPANCY

Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.37	320	0.118	<=0.4	PASS
DH3	Ant1	Hop	1.62	160	0.259	<=0.4	PASS
DH5	Ant1	Hop	2.87	107	0.306	<=0.4	PASS

The test period: T= 0.4 Second/Channel x 79 Channel = 31.6 s

Test channel: 2441MHz as blow

DH1/2-DH1/3-DH1 time slot= $0.37(\text{ms}) \times (1600 / (2 \times 79)) \times 31.6 = 118.40\text{ms}$

DH3/2-DH3/3-DH3 time slot= $1.62(\text{ms}) \times (1600 / (4 \times 79)) \times 31.6 = 259.20\text{ms}$

DH5/2-DH5/3-DH5 time slot= $2.87(\text{ms}) \times (1600 / (6 \times 79)) \times 31.6 = 306.13\text{ms}$

Test Graphs





BlueAsia

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

BlueAsia

Test Graphs



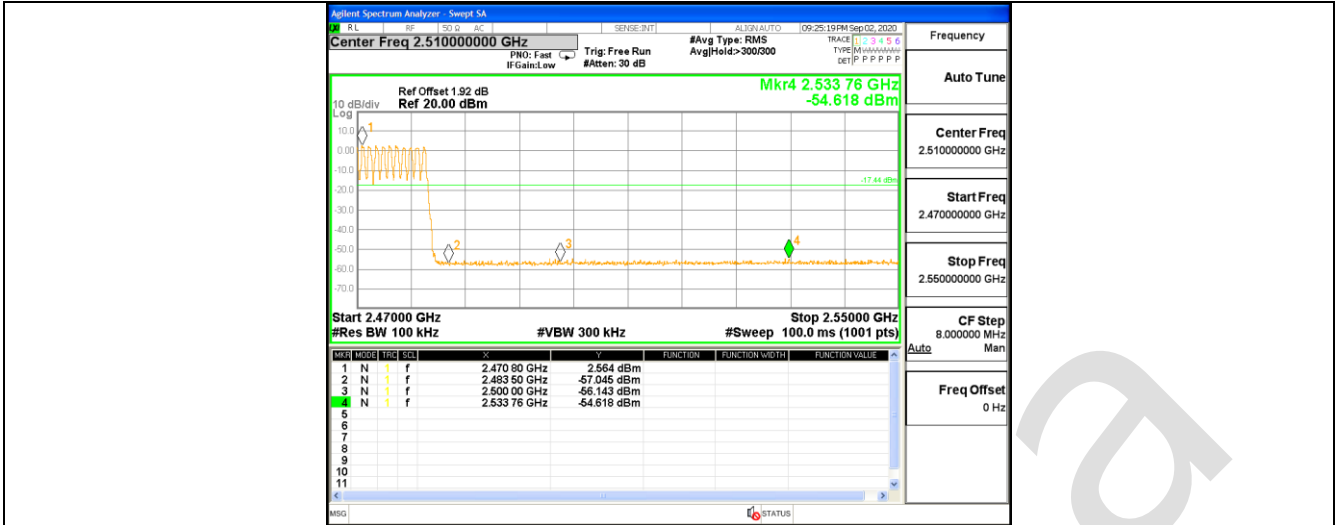
10.6 APPENDIX: BAND EDGE MEASUREMENTS

Test Result

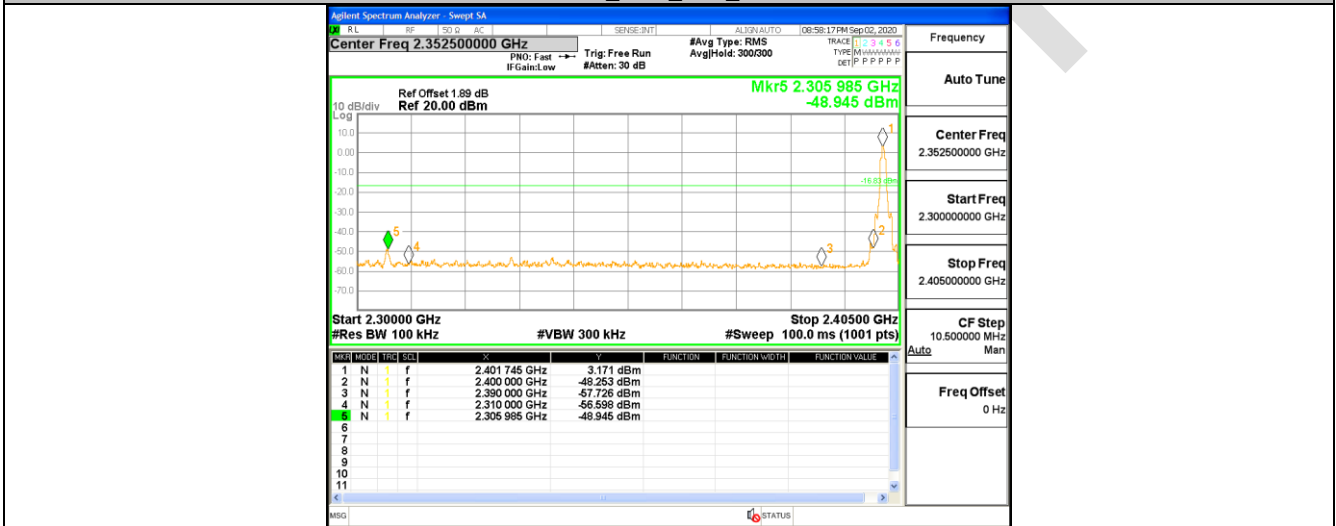
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	Low	2402	3.19	-47.83	<=-16.81	PASS
		High	2480	2.55	-55.02	<=-17.45	PASS
		Low	Hop_2402	2.92	-48.11	-17.08	PASS
		High	Hop_2480	2.56	-54.62	-17.44	PASS
2DH1	Ant1	Low	2402	3.17	-48.95	<=-16.83	PASS
		High	2480	2.53	-55.31	<=-17.47	PASS
		Low	Hop_2402	2.93	-48.45	-17.07	PASS
		High	Hop_2480	2.55	-55.13	-17.45	PASS
3DH1	Ant1	Low	2402	3.17	-47.73	<=-16.83	PASS
		High	2480	2.54	-54.7	<=-17.46	PASS
		Low	Hop_2402	3.09	-48.25	-16.92	PASS
		High	Hop_2480	2.58	-54.05	-17.42	PASS

Test Graphs

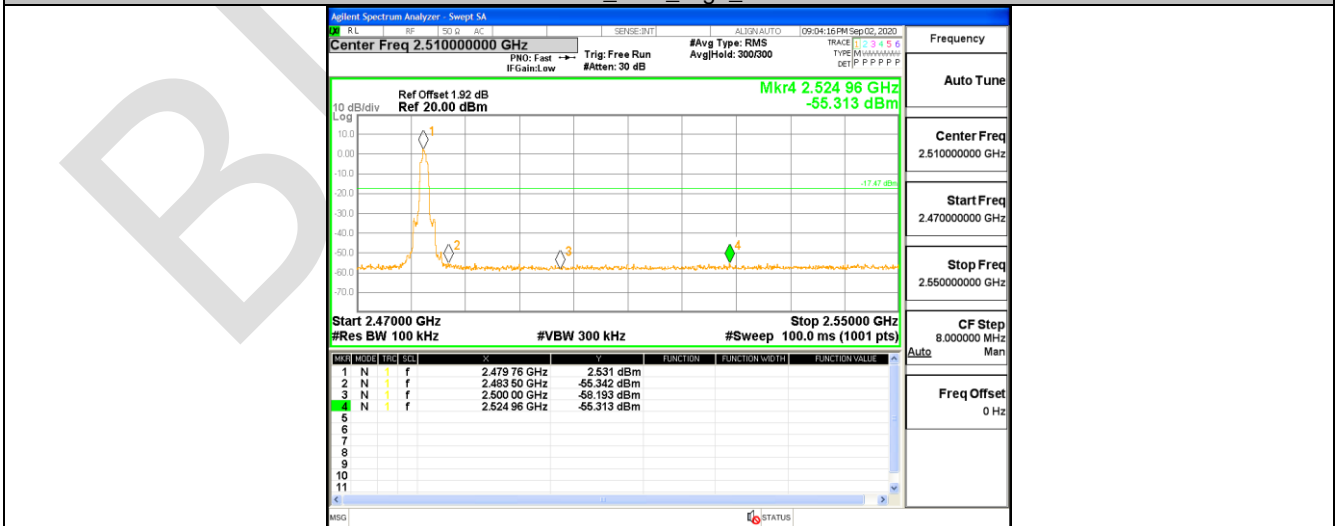




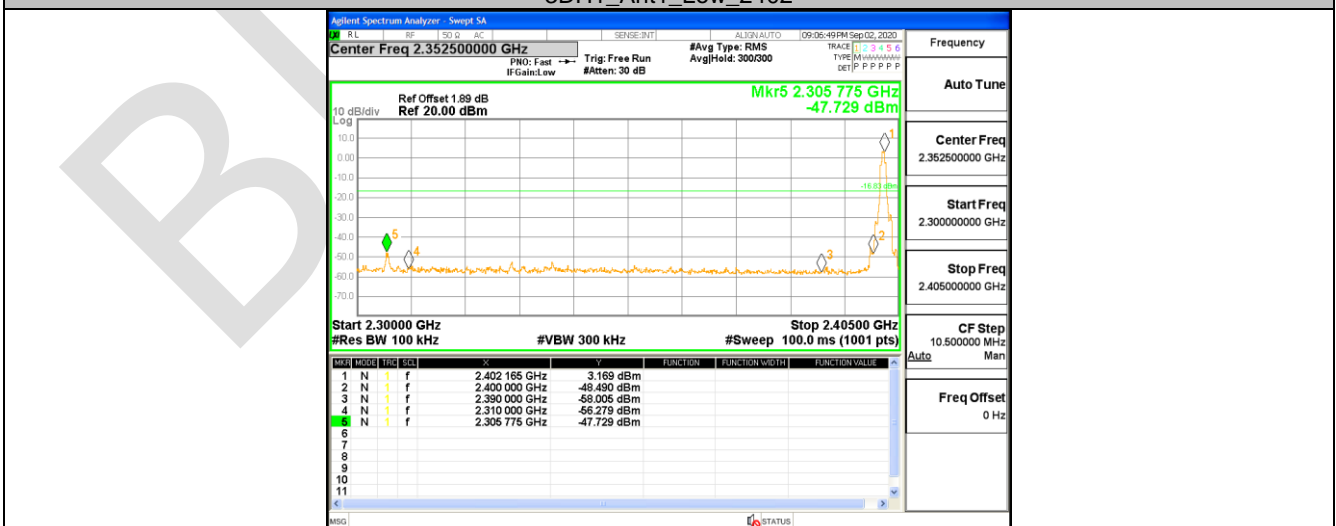
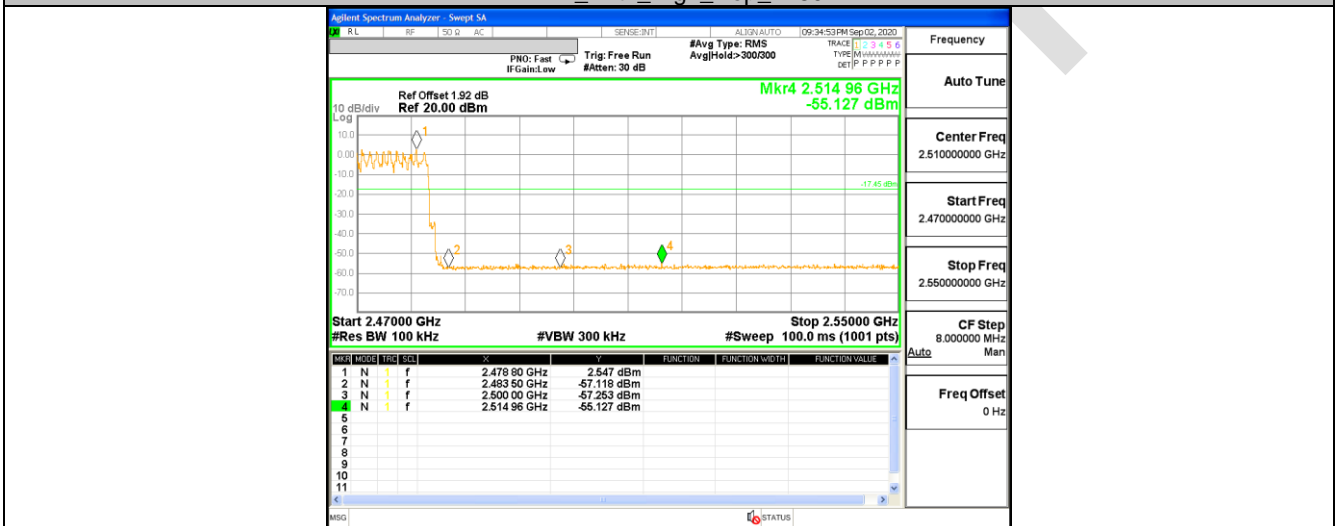
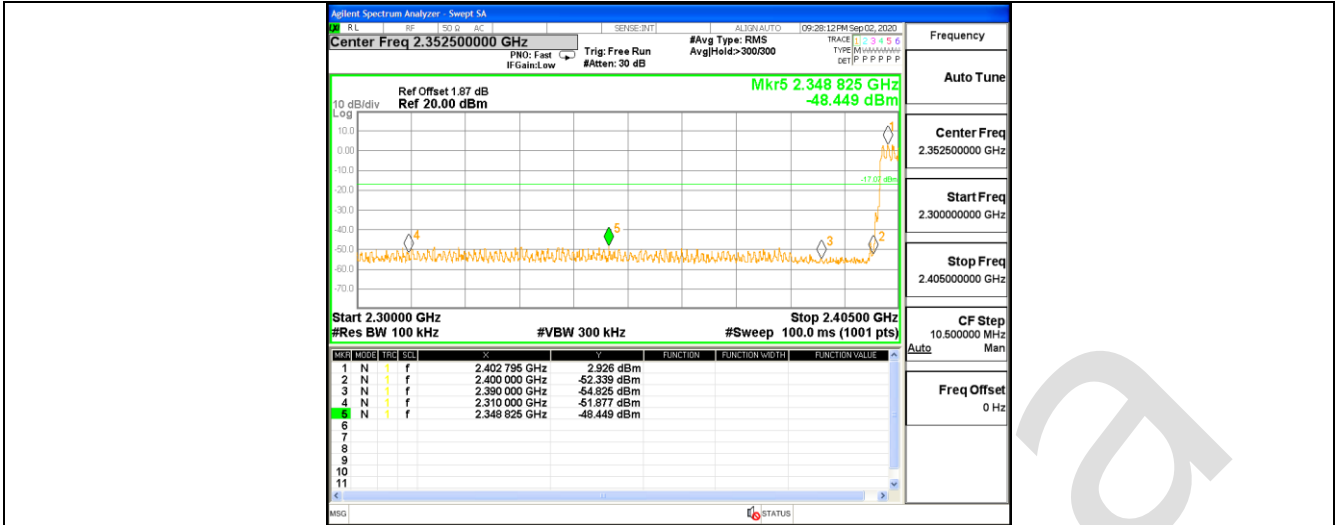
2D11_Ant1_Low_2402

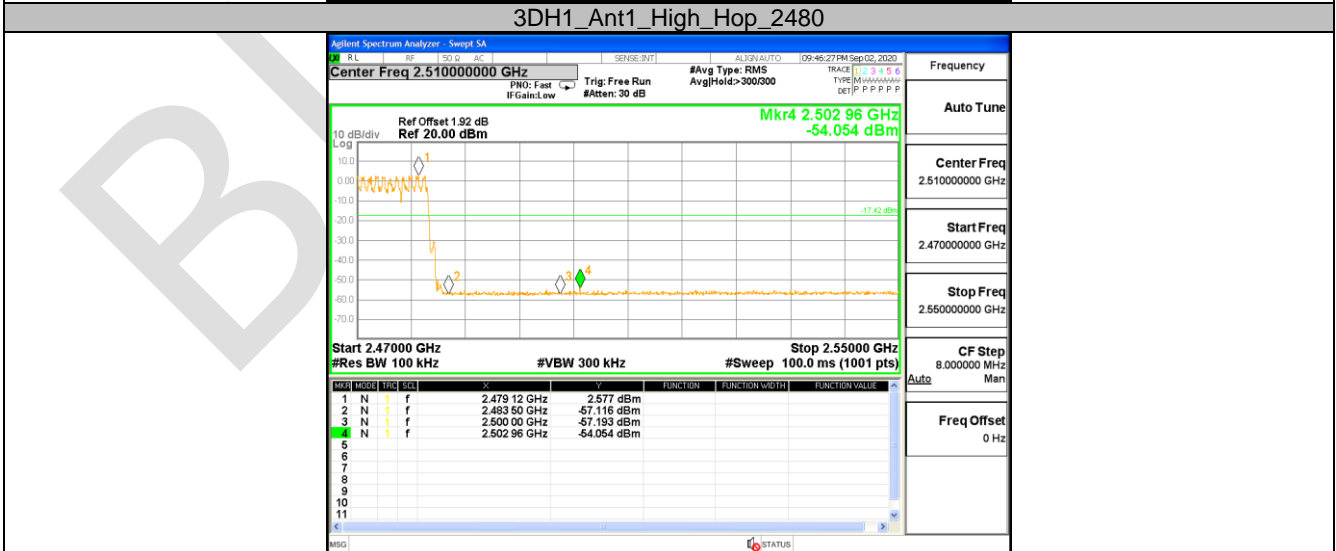
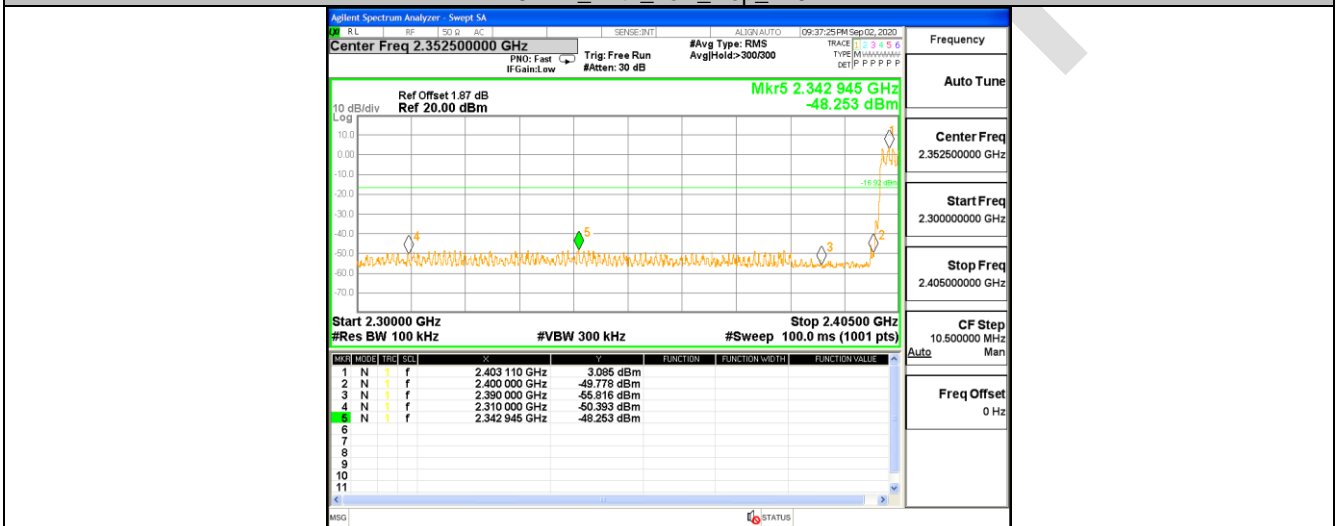
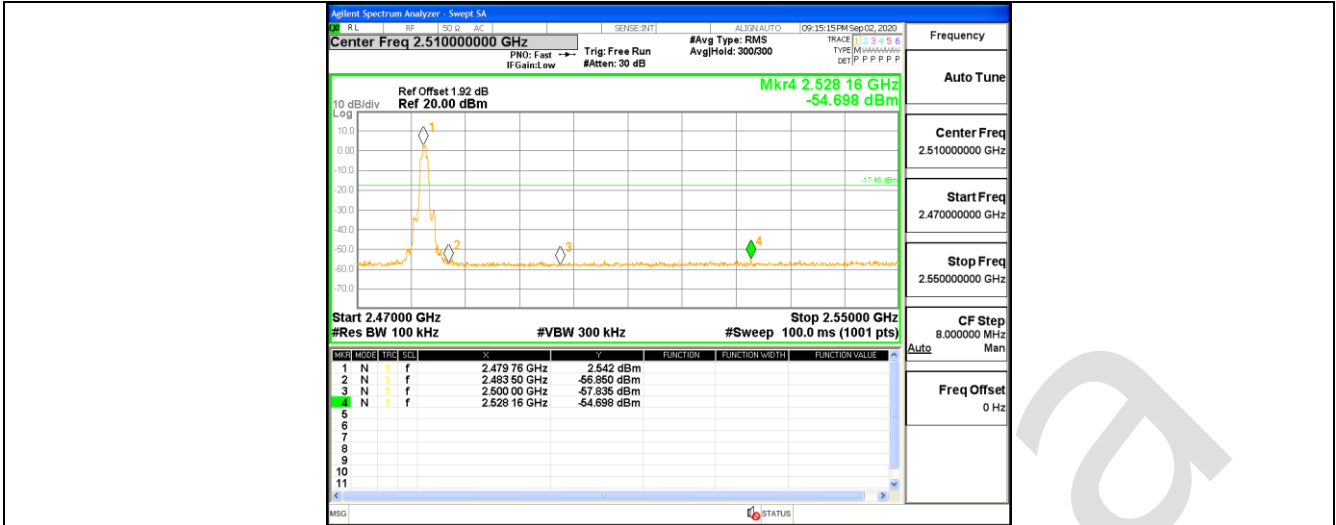


2D11_Ant1_High_2480



2D11_Ant1_Low_Hop_2402



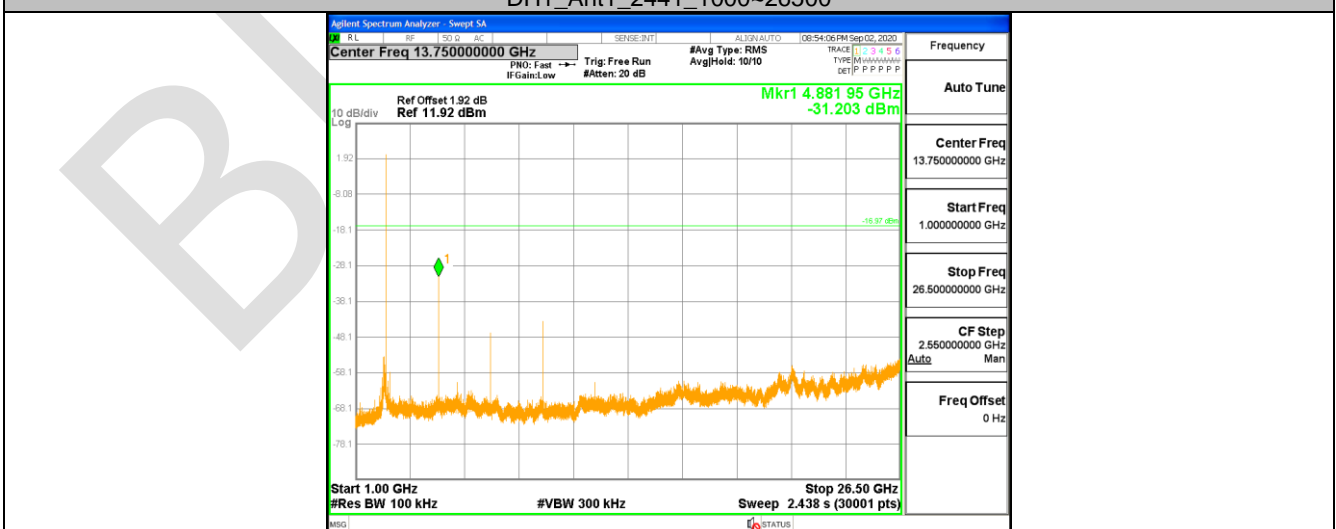
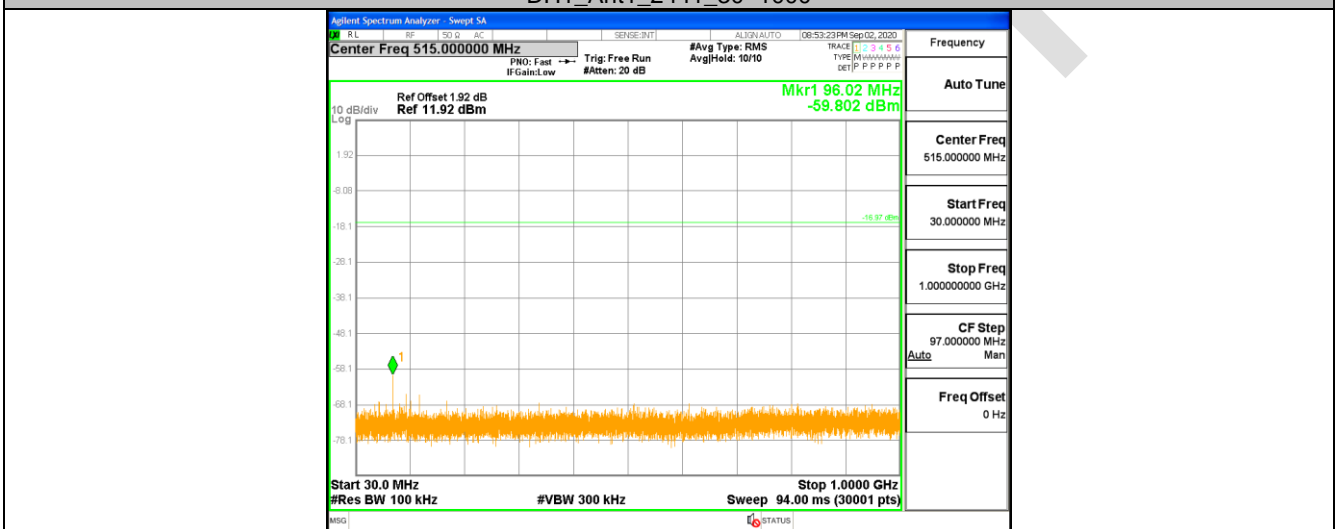
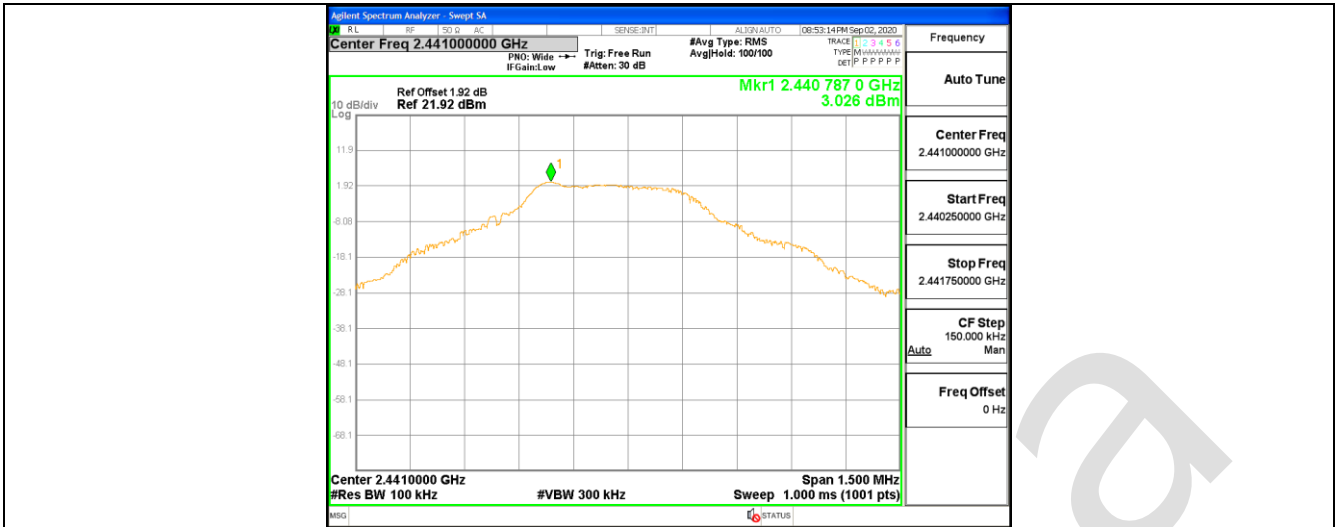


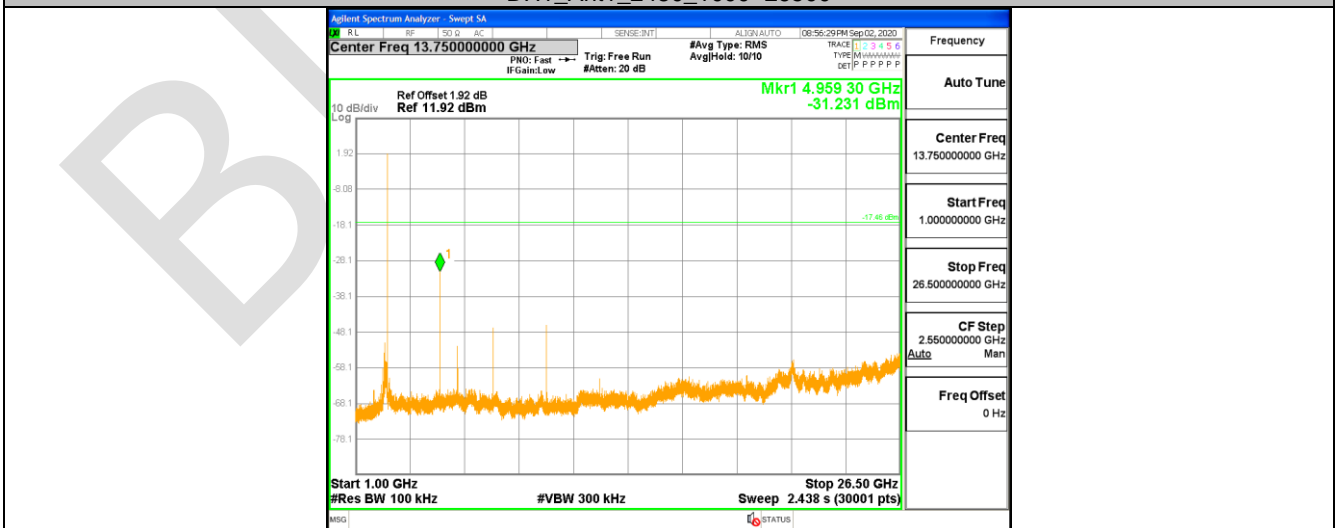
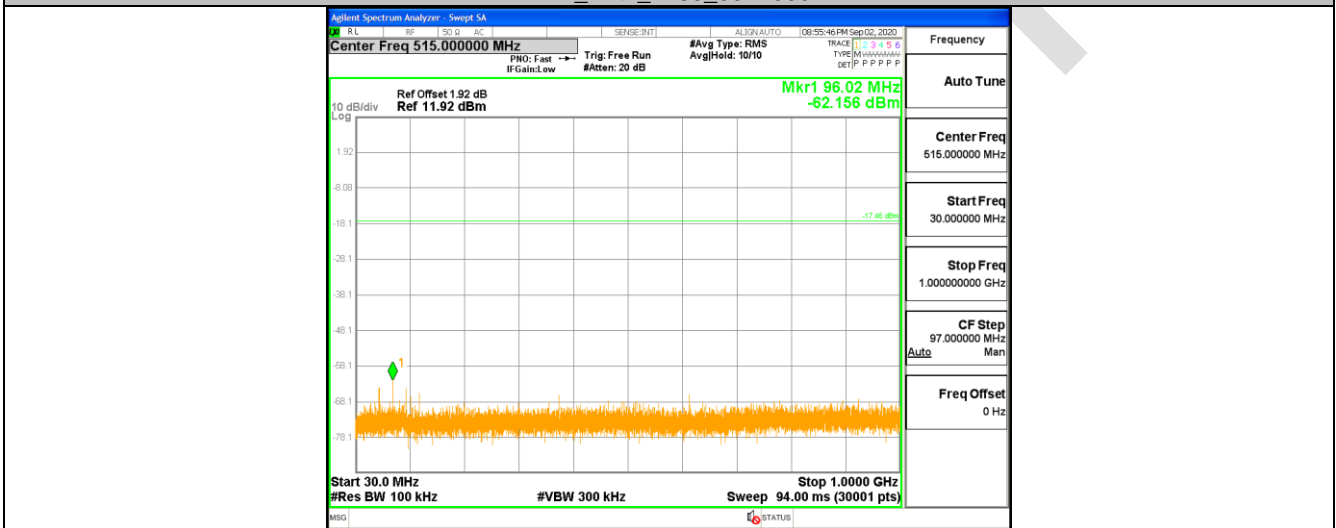
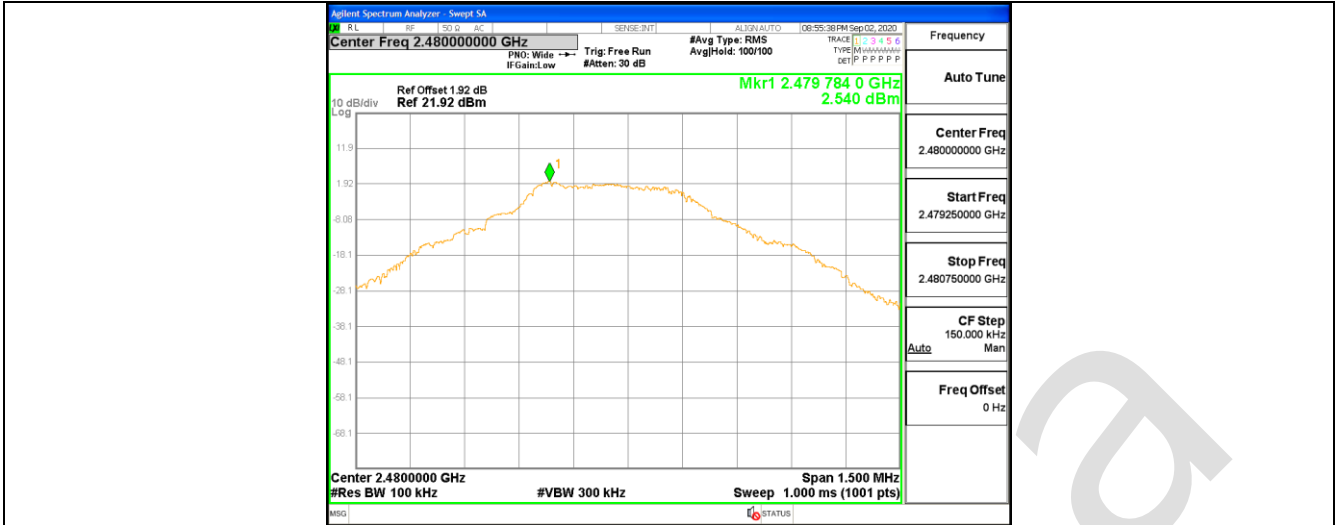
10.7 APPENDIX: CONDUCTED SPURIOUS EMISSION
Test Result

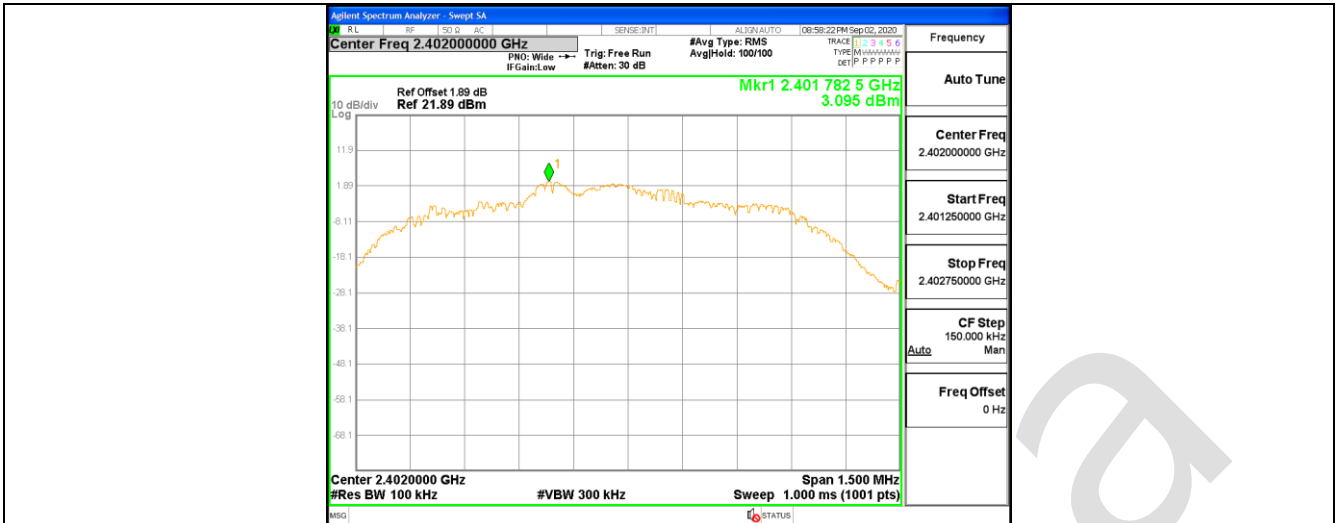
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	2402	Reference	3.17	3.17	---	PASS
			30~1000	30~1000	-61.46	<=-16.83	PASS
			1000~26500	1000~26500	-30.032	<=-16.83	PASS
		2441	Reference	3.03	3.03	---	PASS
			30~1000	30~1000	-59.802	<=-16.974	PASS
			1000~26500	1000~26500	-31.203	<=-16.974	PASS
		2480	Reference	2.54	2.54	---	PASS
			30~1000	30~1000	-62.156	<=-17.46	PASS
			1000~26500	1000~26500	-31.231	<=-17.46	PASS
2DH1	Ant1	2402	Reference	3.10	3.10	---	PASS
			30~1000	30~1000	-60.329	<=-16.905	PASS
			1000~26500	1000~26500	-39.726	<=-16.905	PASS
		2441	Reference	3.02	3.02	---	PASS
			30~1000	30~1000	-60.538	<=-16.976	PASS
			1000~26500	1000~26500	-31.035	<=-16.976	PASS
		2480	Reference	2.53	2.53	---	PASS
			30~1000	30~1000	-60.227	<=-17.466	PASS
			1000~26500	1000~26500	-39.067	<=-17.466	PASS
3DH1	Ant1	2402	Reference	3.18	3.18	---	PASS
			30~1000	30~1000	-61.297	<=-16.823	PASS
			1000~26500	1000~26500	-32.356	<=-16.823	PASS
		2441	Reference	3.01	3.01	---	PASS
			30~1000	30~1000	-61.825	<=-16.99	PASS
			1000~26500	1000~26500	-33.616	<=-16.99	PASS
		2480	Reference	2.54	2.54	---	PASS
			30~1000	30~1000	-59.943	<=-17.458	PASS
			1000~26500	1000~26500	-31.556	<=-17.458	PASS

Test Graphs

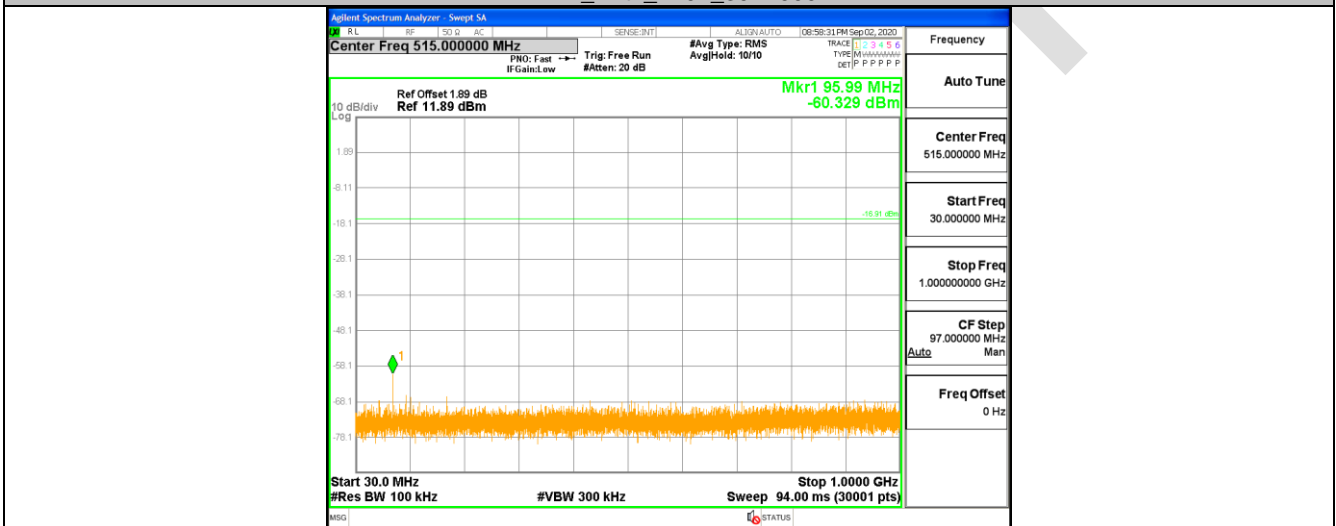




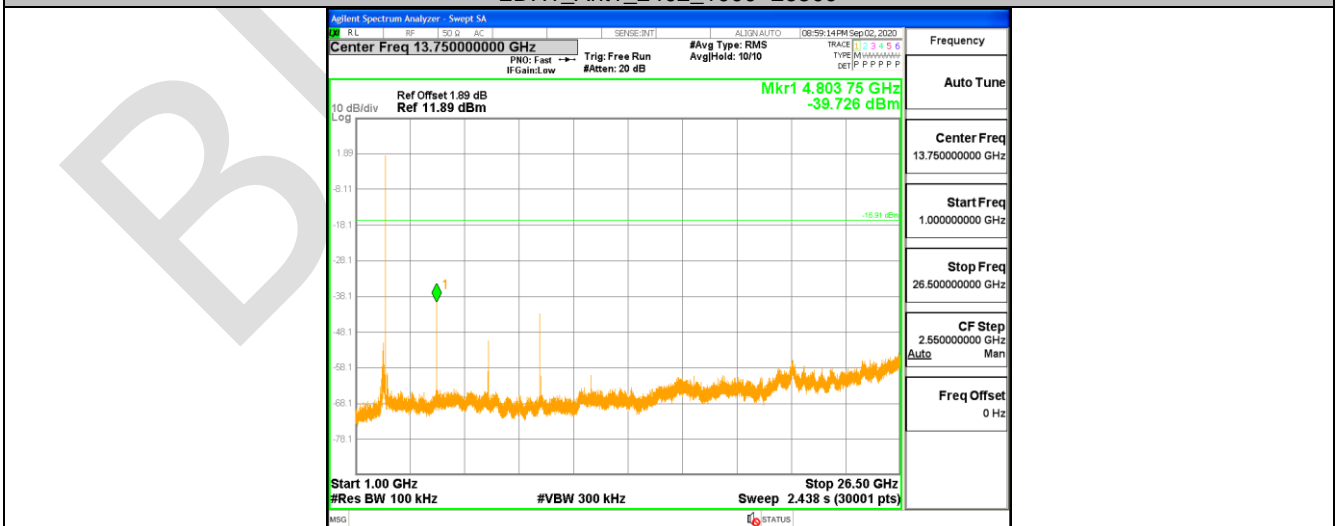




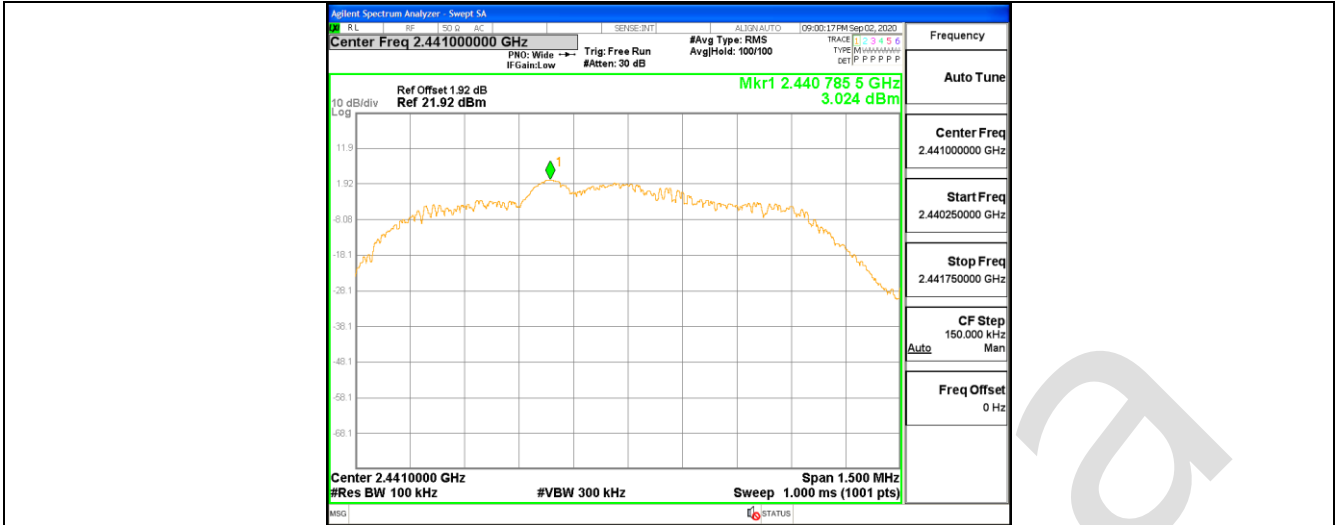
2DH1_Ant1_2402_30~1000



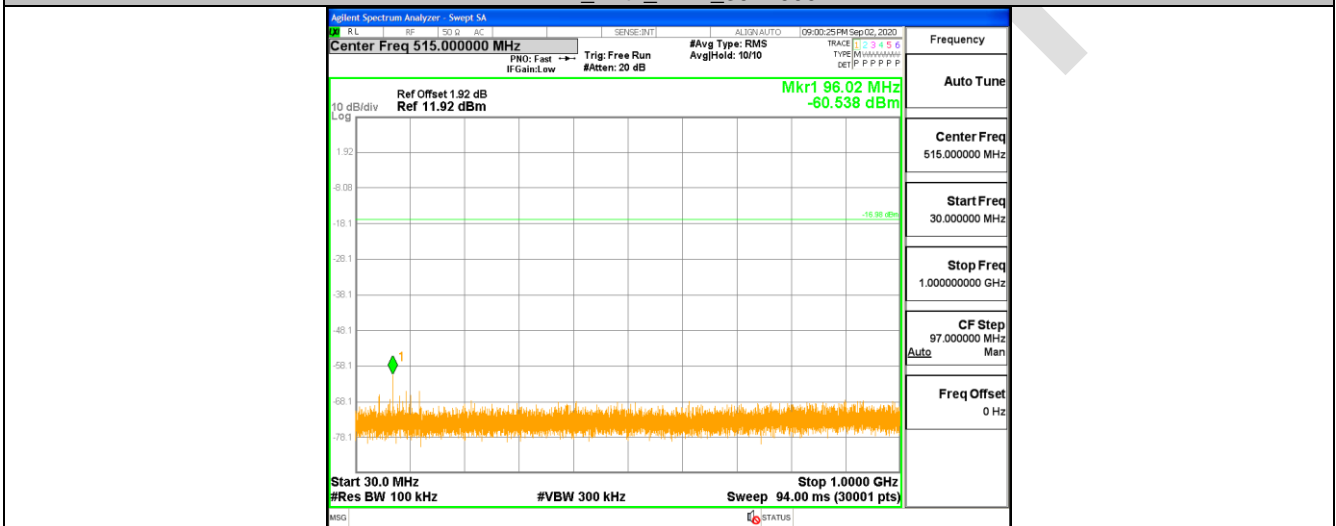
2DH1_Ant1_2402_1000~26500



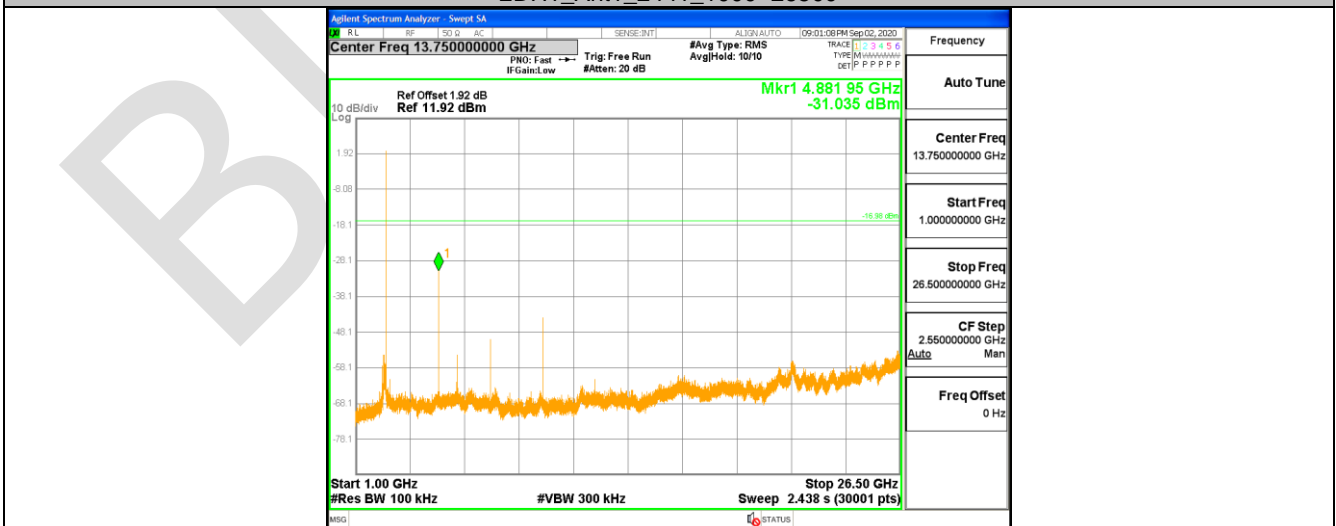
2DH1_Ant1_2441_0~Reference



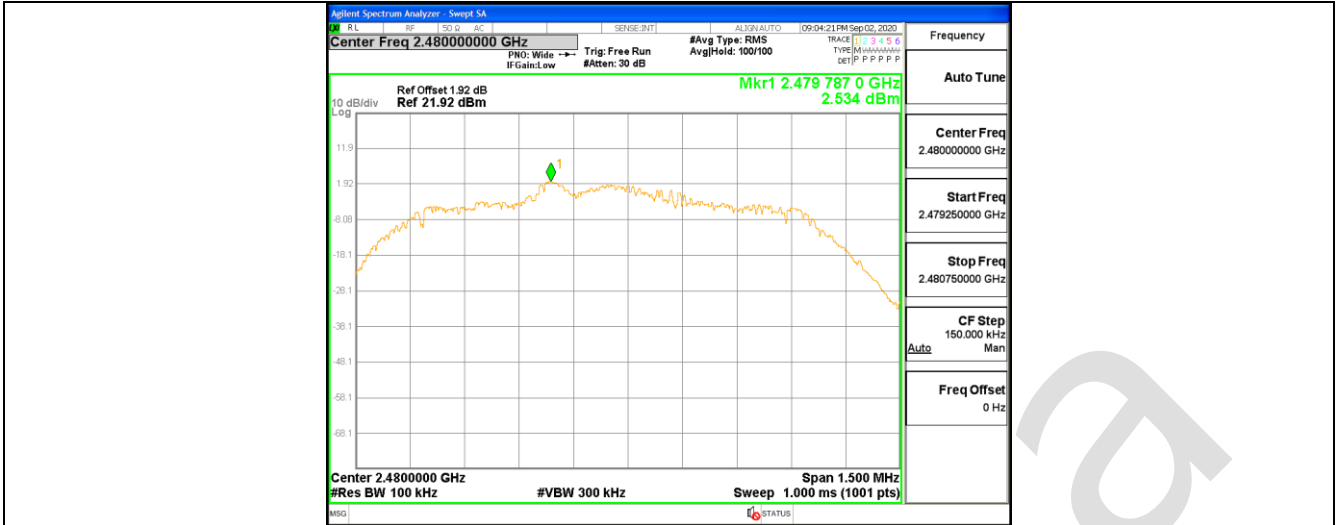
2DH1_Ant1_2441_30~1000



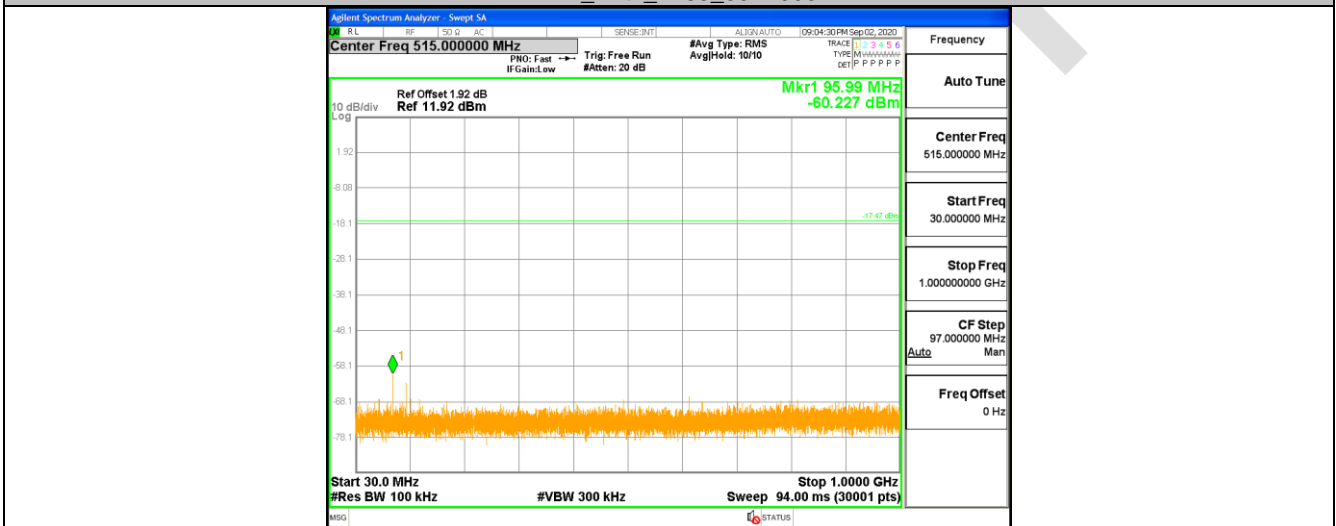
2DH1_Ant1_2441_1000~26500



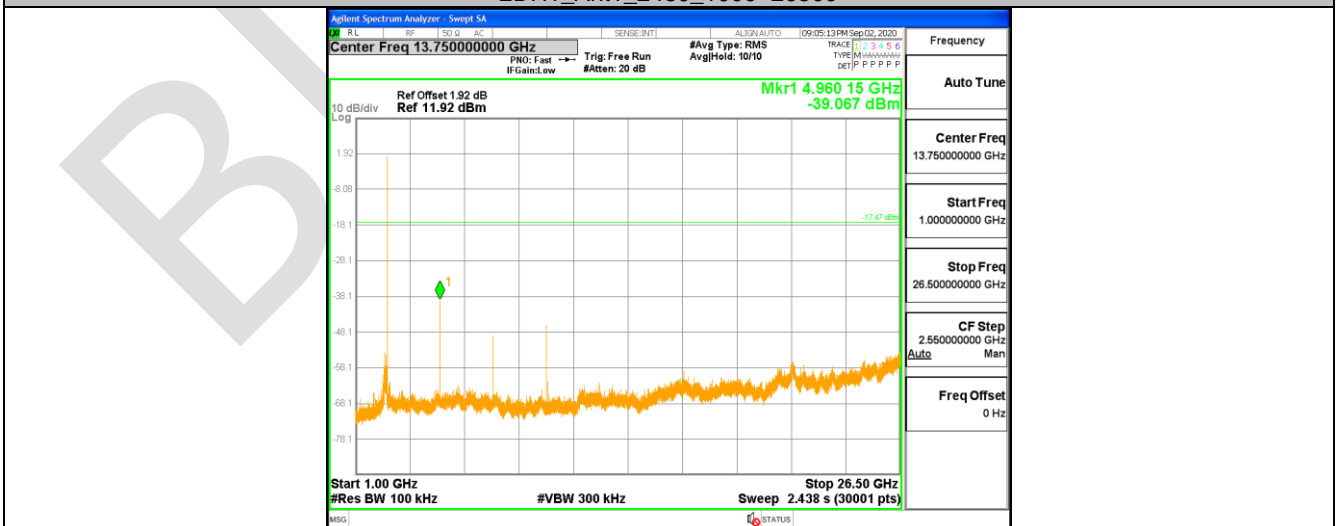
2DH1_Ant1_2480_0~Reference



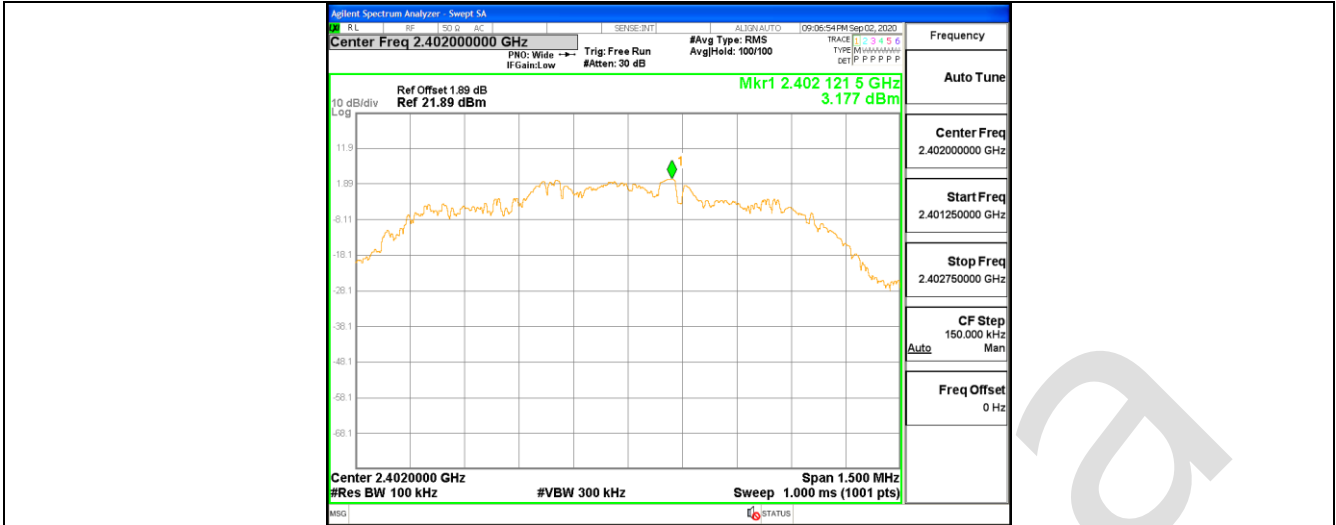
2DH1_Ant1_2480_30~1000



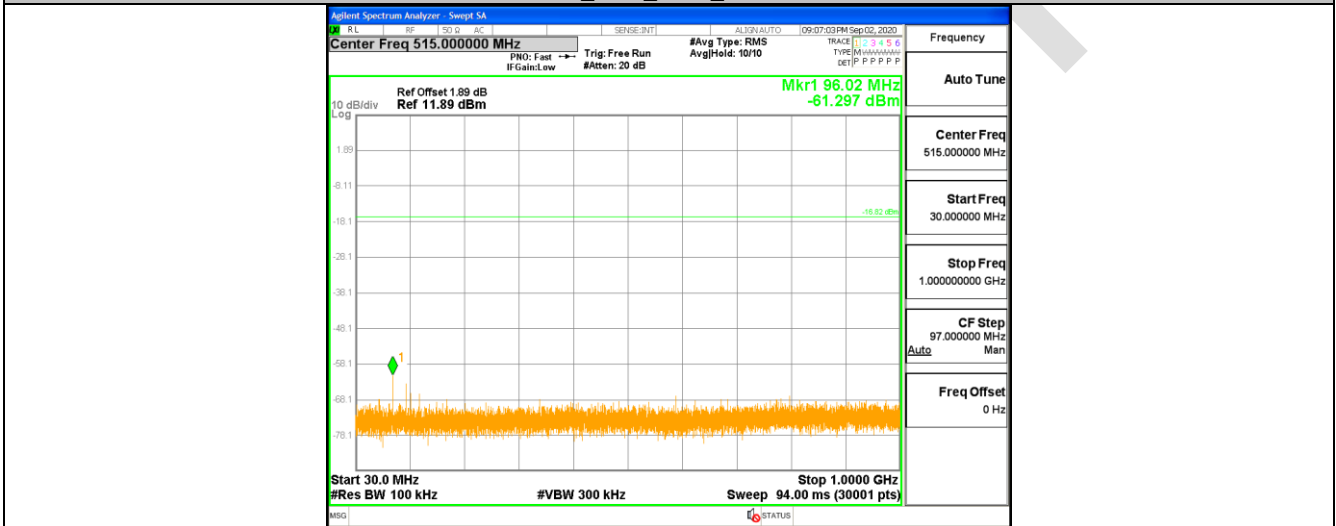
2DH1_Ant1_2480_1000~26500



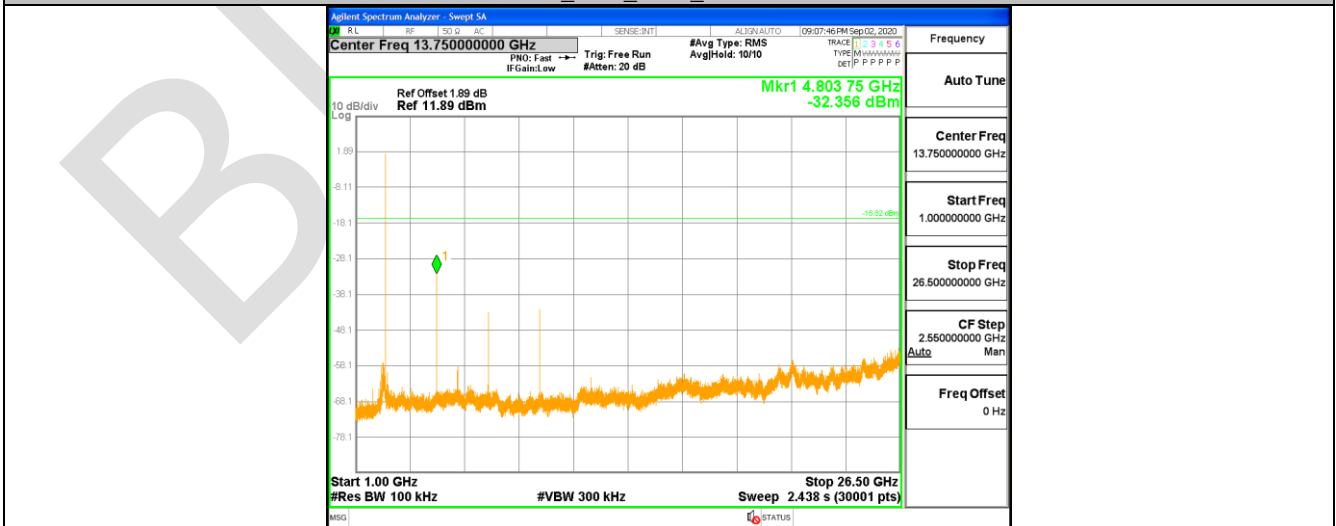
3DH1_Ant1_2402_0~Reference



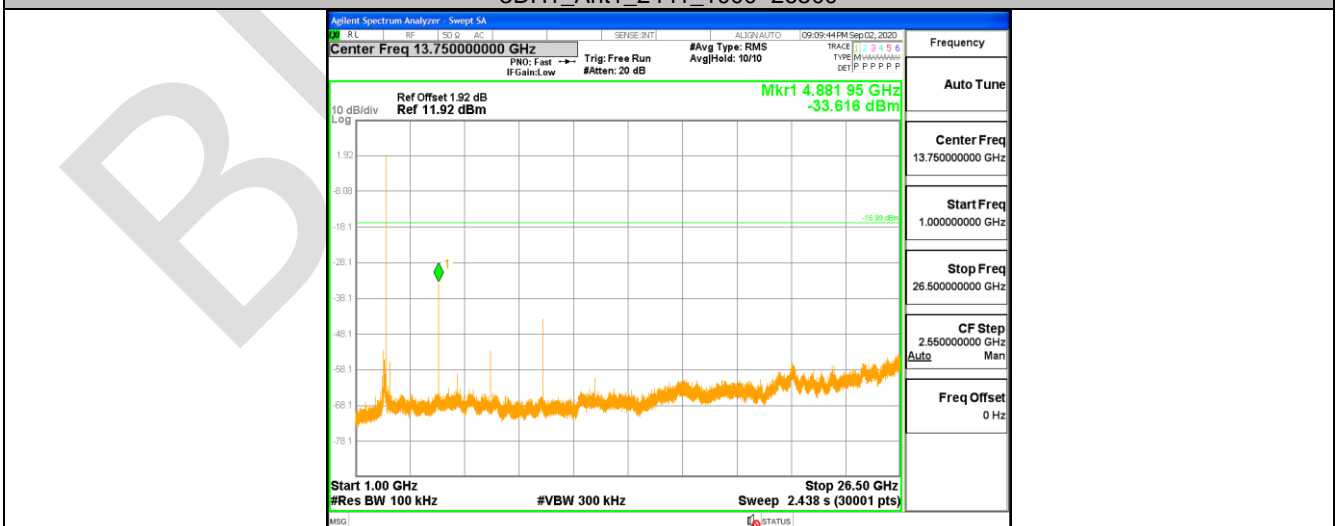
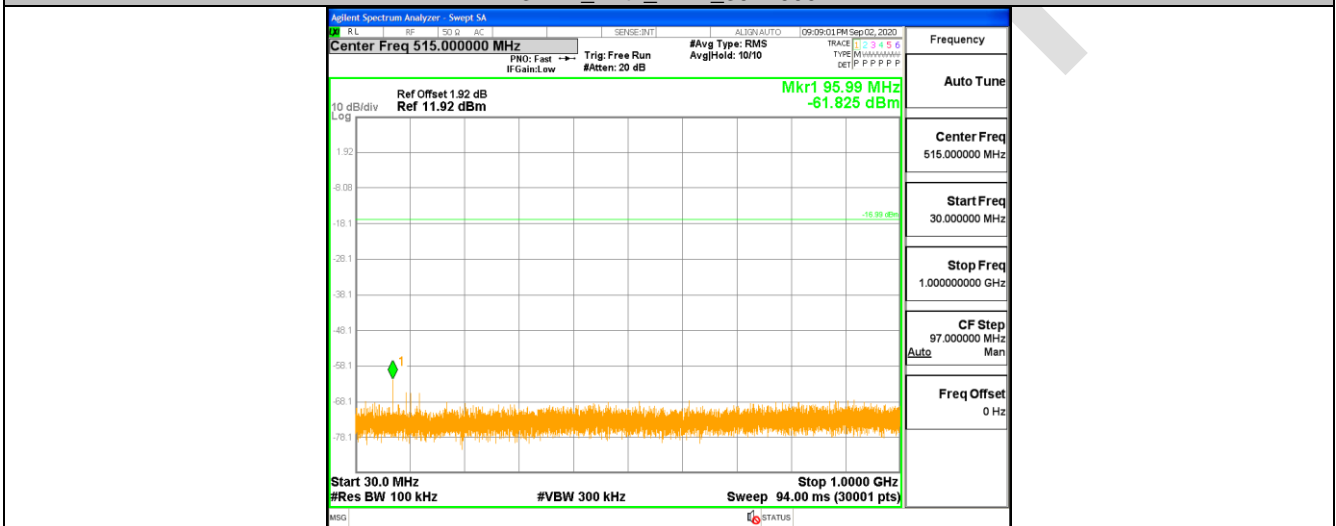
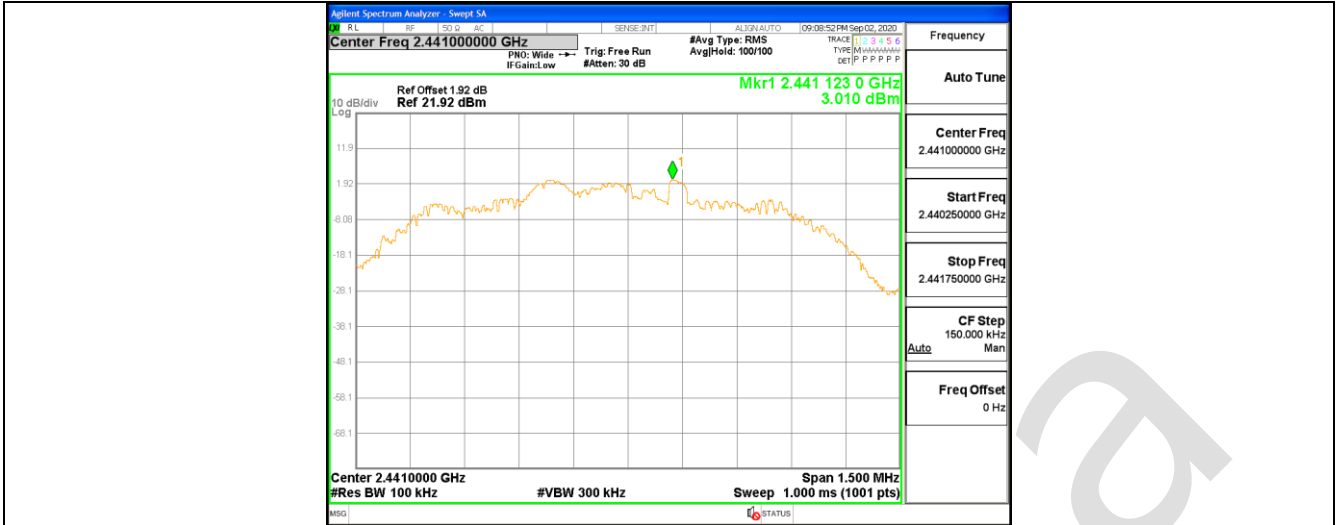
3DH1_Ant1_2402_30~1000

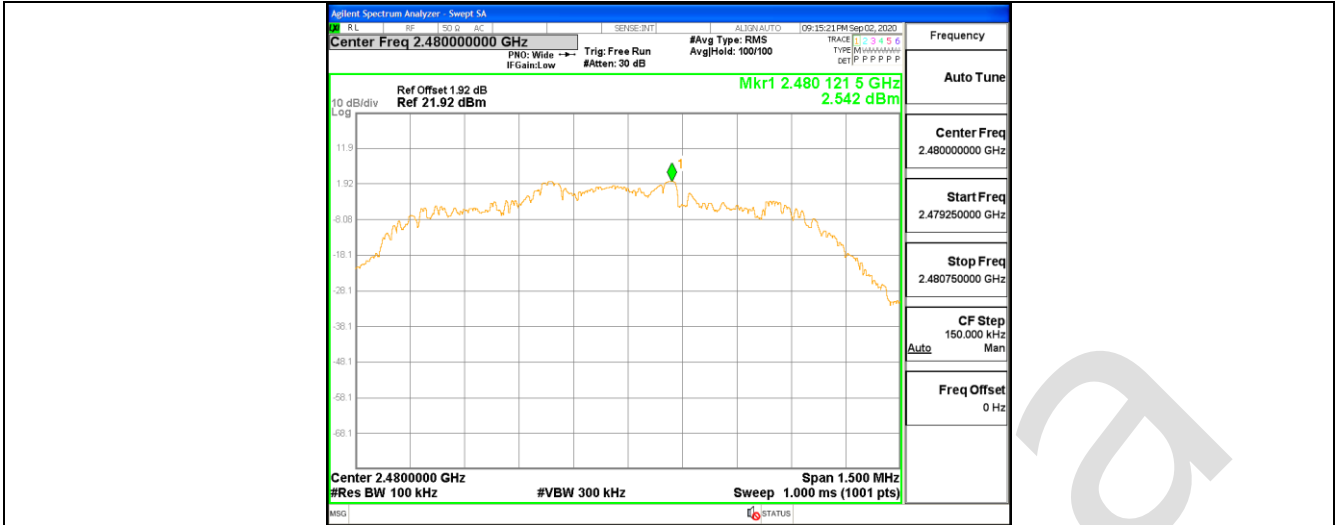


3DH1_Ant1_2402_1000~26500

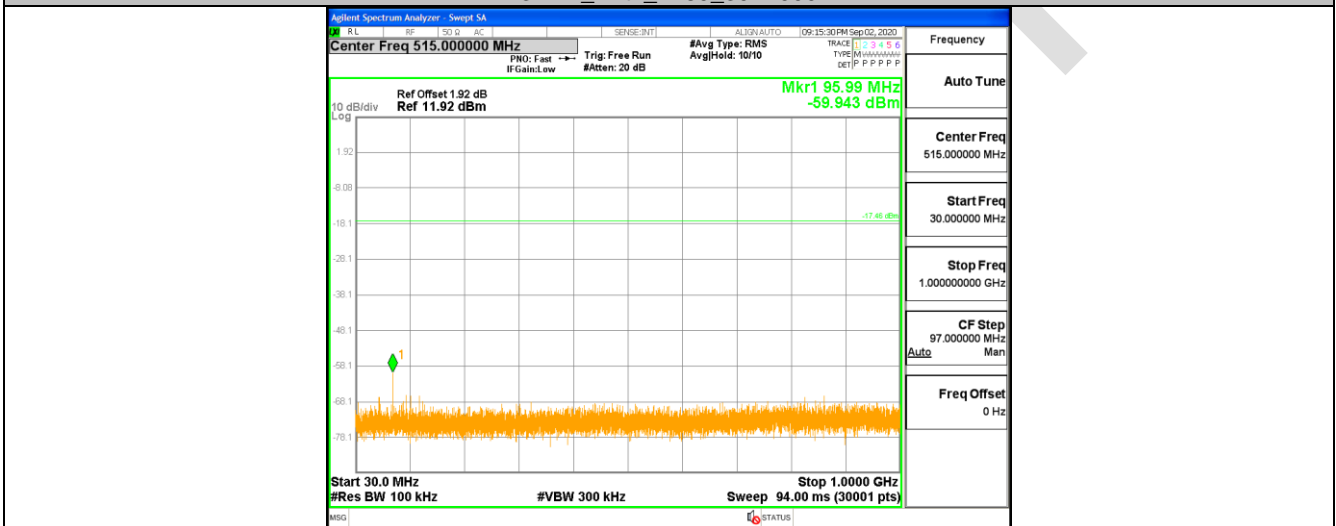


3DH1_Ant1_2441_0~Reference





3DH1_Ant1_2480_30~1000



3DH1_Ant1_2480_1000~26500

