

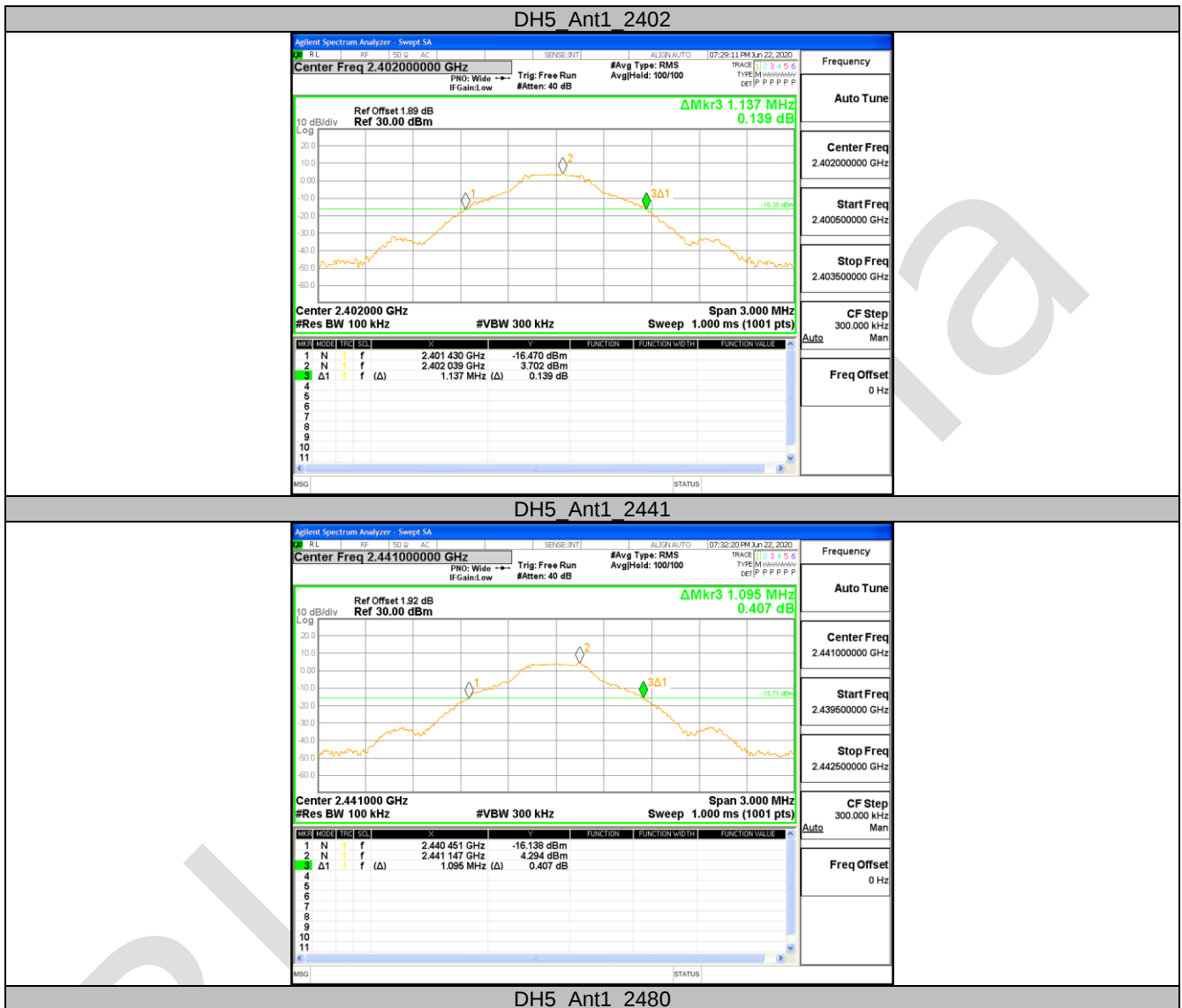
10 APPENDIX

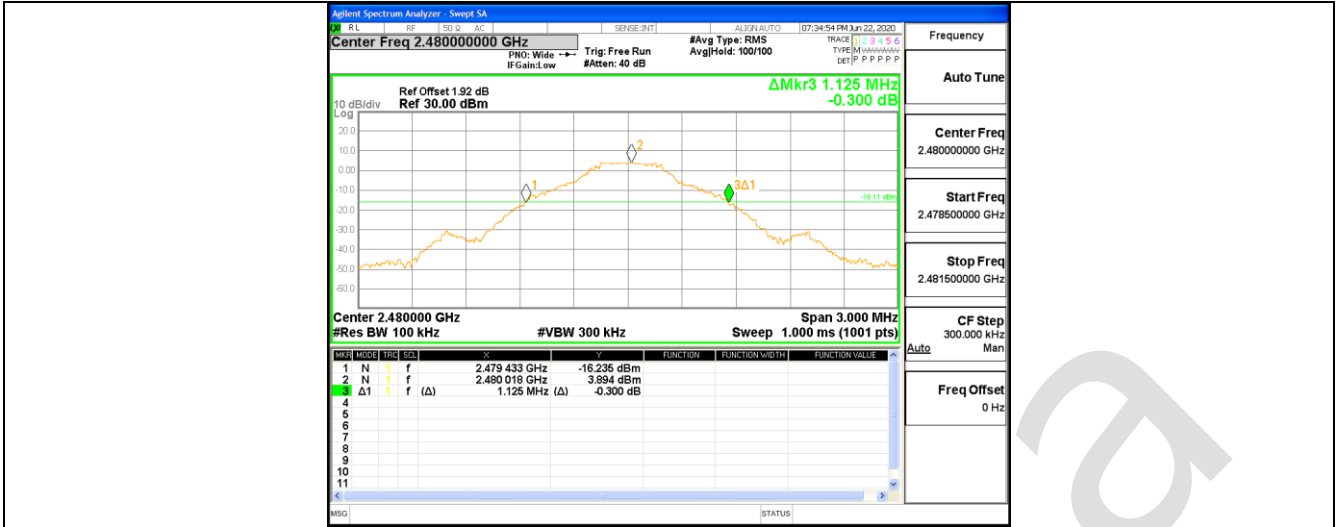
10.1 APPENDIX : 20DB EMISSION BANDWIDTH

Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.137	2401.430	2402.567	---	PASS
		2441	1.095	2440.451	2441.546	---	PASS
		2480	1.125	2479.433	2480.558	---	PASS
2DH5	Ant1	2402	1.014	2401.652	2402.666	---	PASS
		2441	1.353	2440.319	2441.672	---	PASS
		2480	1.341	2479.328	2480.669	---	PASS
3DH5	Ant1	2402	1.371	2401.313	2402.684	---	PASS
		2441	1.377	2440.307	2441.684	---	PASS
		2480	1.359	2479.316	2480.675	---	PASS

Test Graphs









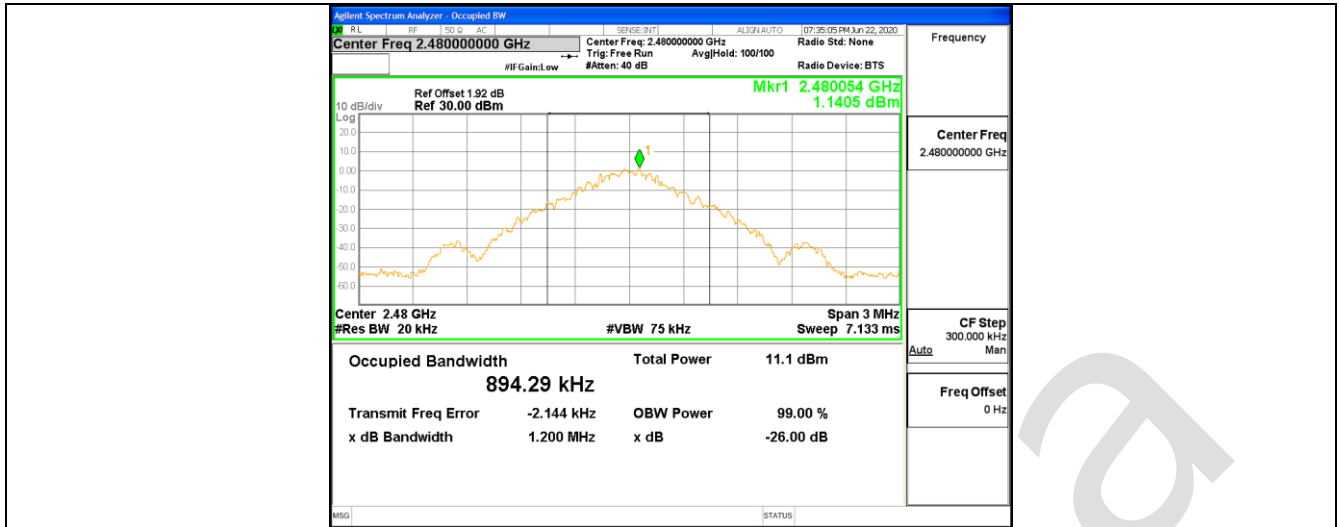
10.2 APPENDIX : OCCUPIED CHANNEL BANDWIDTH

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.89017	2401.552	2402.442	---	PASS
		2441	0.89476	2440.552	2441.447	---	PASS
		2480	0.89429	2479.551	2480.445	---	PASS
2DH5	Ant1	2402	1.1808	2401.405	2402.586	---	PASS
		2441	1.1803	2440.405	2441.586	---	PASS
		2480	1.1729	2479.410	2480.583	---	PASS
3DH5	Ant1	2402	1.1862	2401.396	2402.583	---	PASS
		2441	1.1772	2440.403	2441.580	---	PASS
		2480	1.1754	2479.405	2480.580	---	PASS

Test Graphs







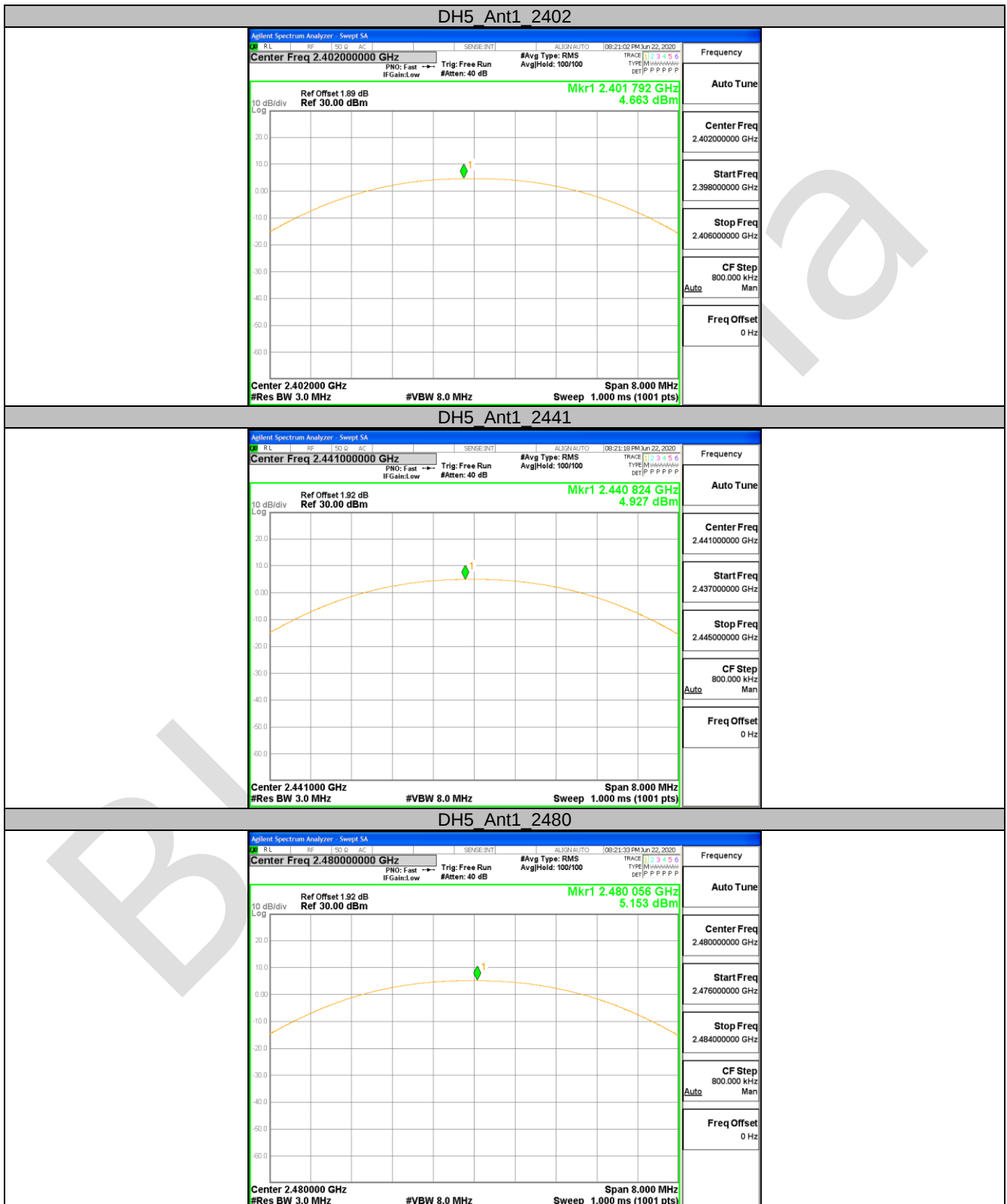


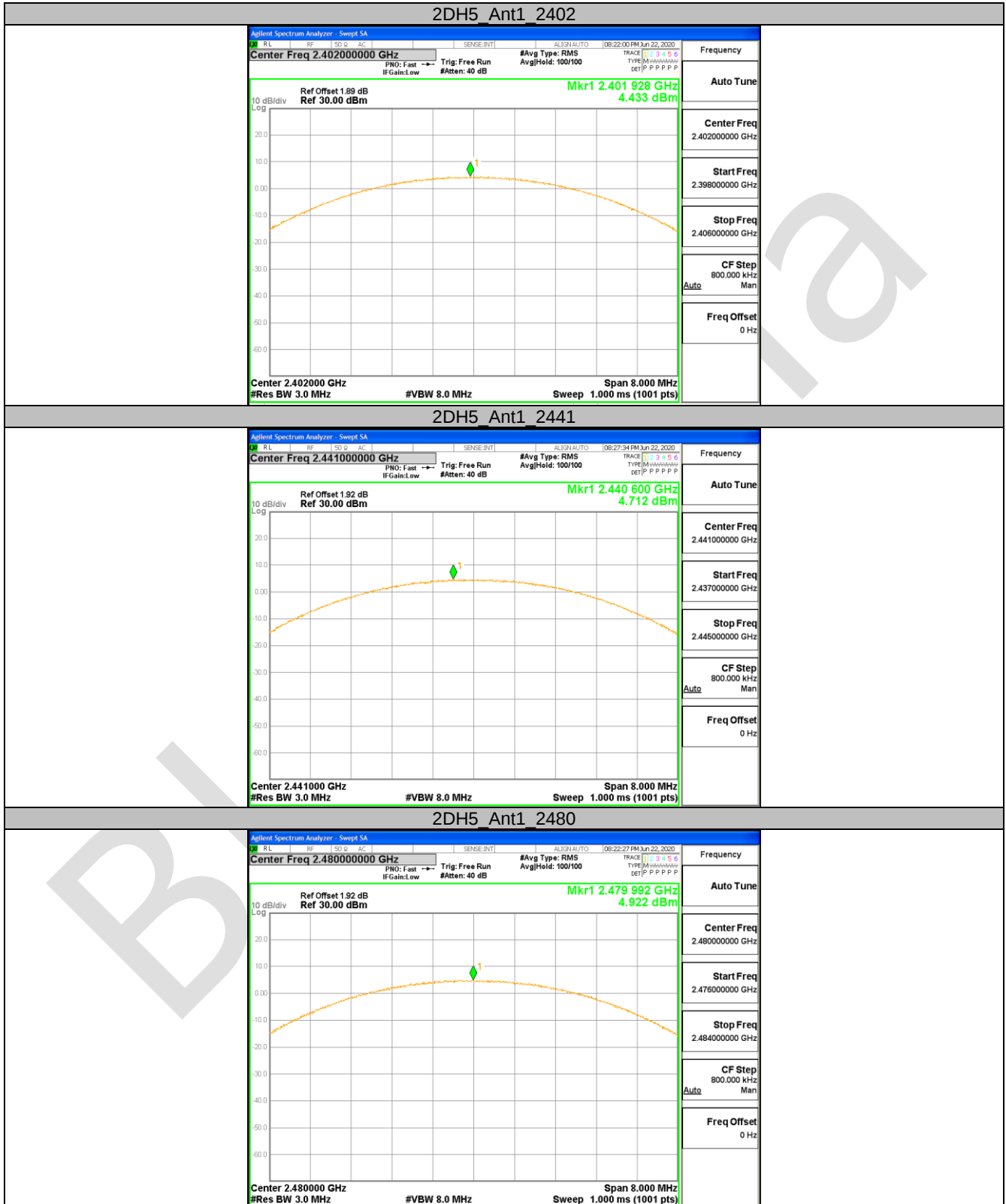
10.3 APPENDIX : MAXIMUM CONDUCTED OUTPUT POWER

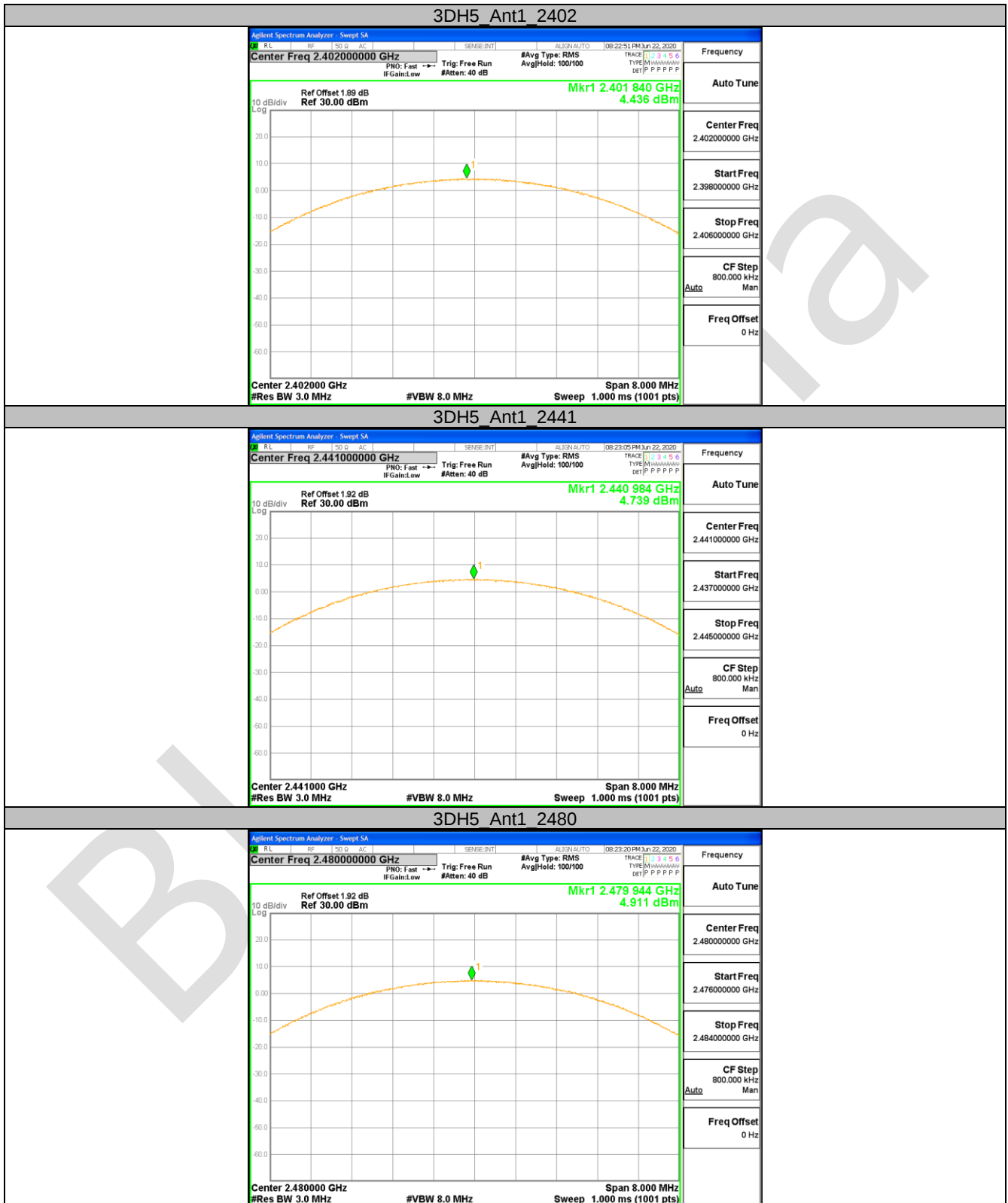
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	4.66	≤ 20.97	PASS
		2441	4.93	≤ 20.97	PASS
		2480	5.15	≤ 20.97	PASS
2DH5	Ant1	2402	4.43	≤ 20.97	PASS
		2441	4.71	≤ 20.97	PASS
		2480	4.92	≤ 20.97	PASS
3DH5	Ant1	2402	4.44	≤ 20.97	PASS
		2441	4.74	≤ 20.97	PASS
		2480	4.91	≤ 20.97	PASS

Test Graphs







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

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.836	≥ 0.758	PASS
2DH5	Ant1	Hop	0.992	≥ 0.902	PASS
3DH5	Ant1	Hop	1.174	≥ 0.918	PASS

Test Graphs



10.5 APPENDIX : TIME OF OCCUPANCY

Test Result

Frequency	Packet	Dwell time(ms)	Limit(ms)	Result
2441MHz	DH1/2-DH1/3-DH1	128.000	400	Pass
2441MHz	DH3/2-DH3/3-DH3	266.240	400	Pass
2441MHz	DH5/2-DH5/3-DH5	312.320	400	Pass

The test period: $T = 0.4 \text{ Second/Channel} \times 79 \text{ Channel} = 31.6 \text{ s}$

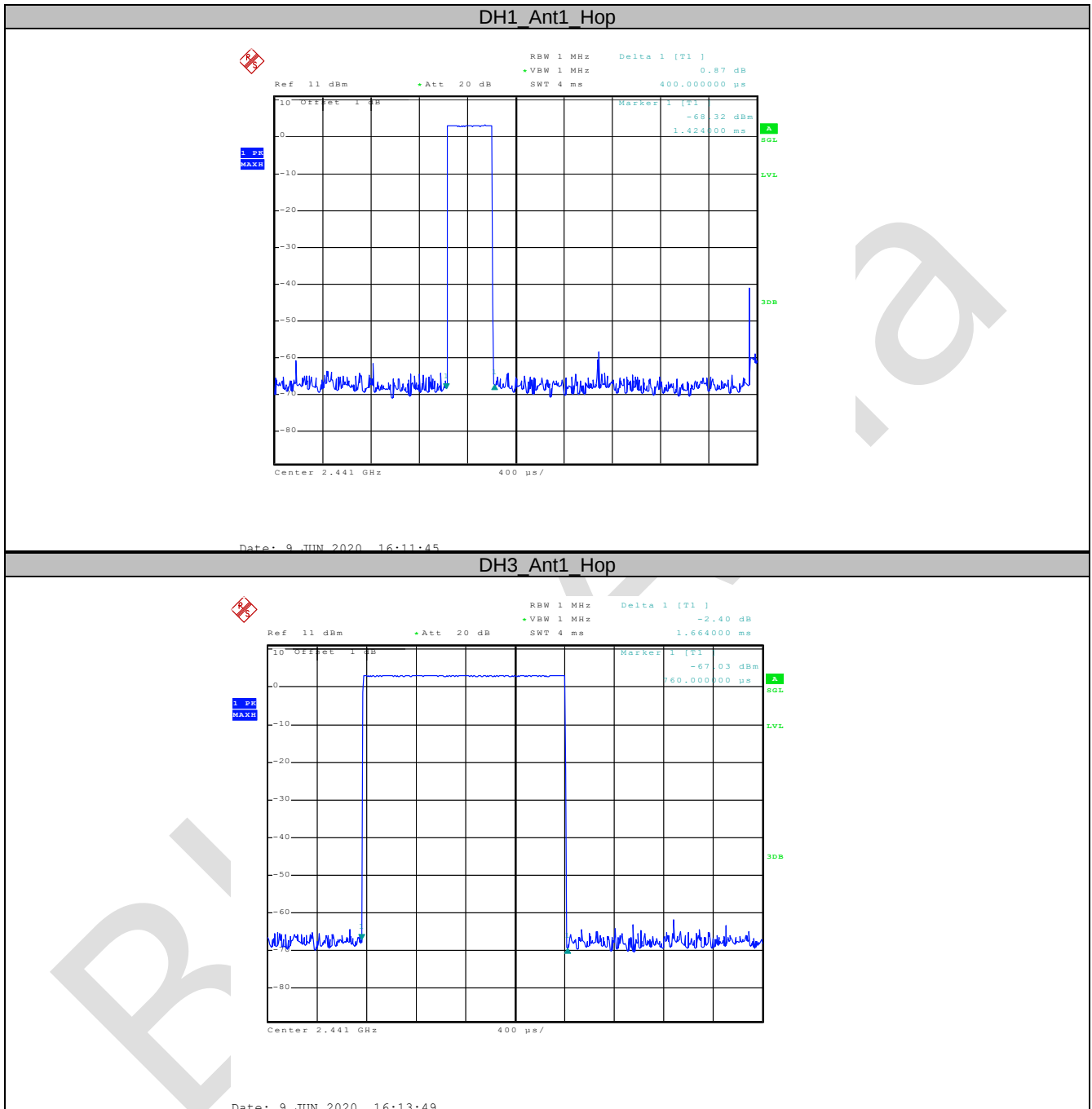
Test channel: 2441MHz as blow

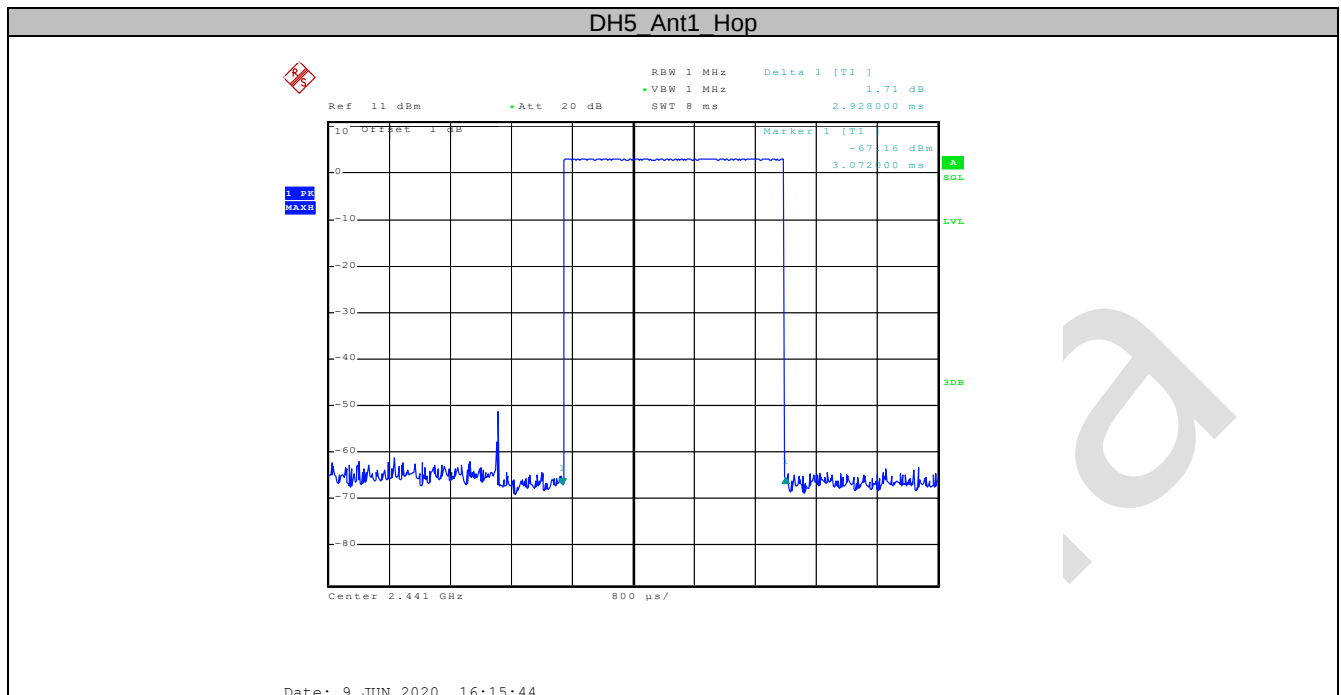
DH1/2-DH1/3-DH1 time slot = $0.4(\text{ms}) \times (1600 / (2 \times 79)) \times 31.6 = 128.000 \text{ ms}$

DH3/2-DH3/3-DH3 time slot = $1.664(\text{ms}) \times (1600 / (4 \times 79)) \times 31.6 = 266.240 \text{ ms}$

DH5/2-DH5/3-DH5 time slot = $2.928(\text{ms}) \times (1600 / (6 \times 79)) \times 31.6 = 312.320 \text{ ms}$

Test Graphs

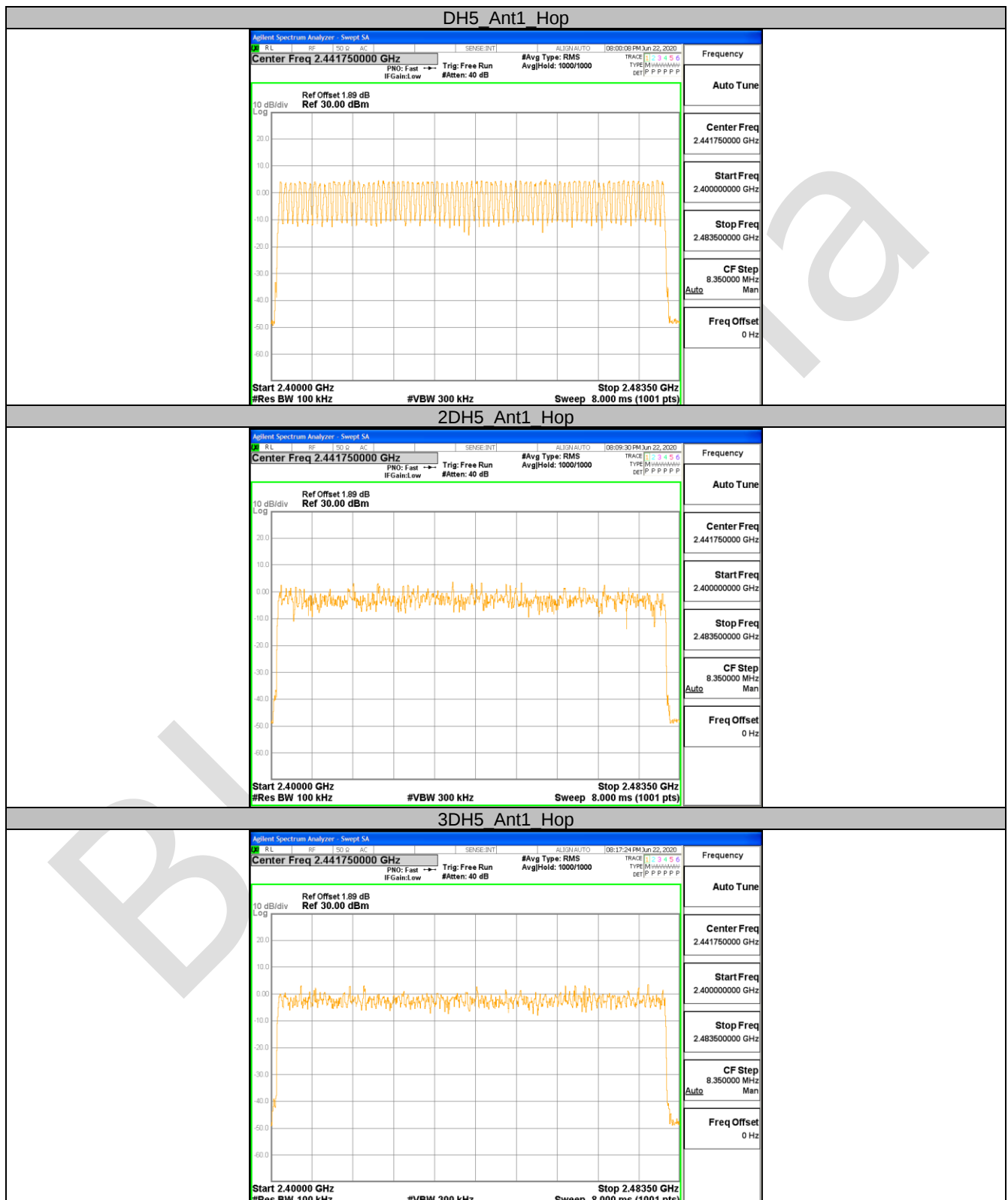




10.6 APPENDIX F: NUMBER OF HOPPING CHANNELS**Test Result**

TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥ 15	PASS
2DH5	Ant1	Hop	79	≥ 15	PASS
3DH5	Ant1	Hop	79	≥ 15	PASS

Test Graphs

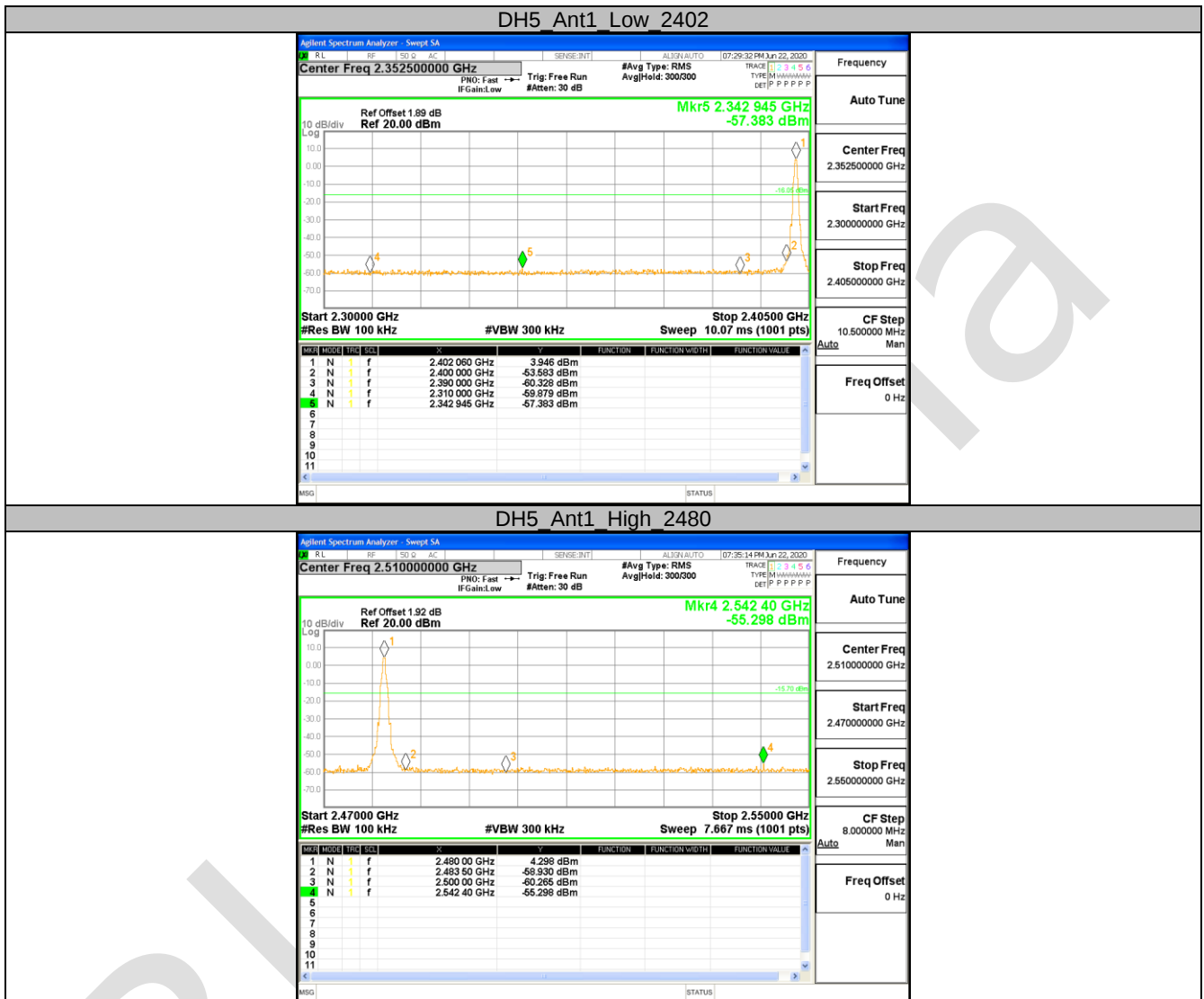


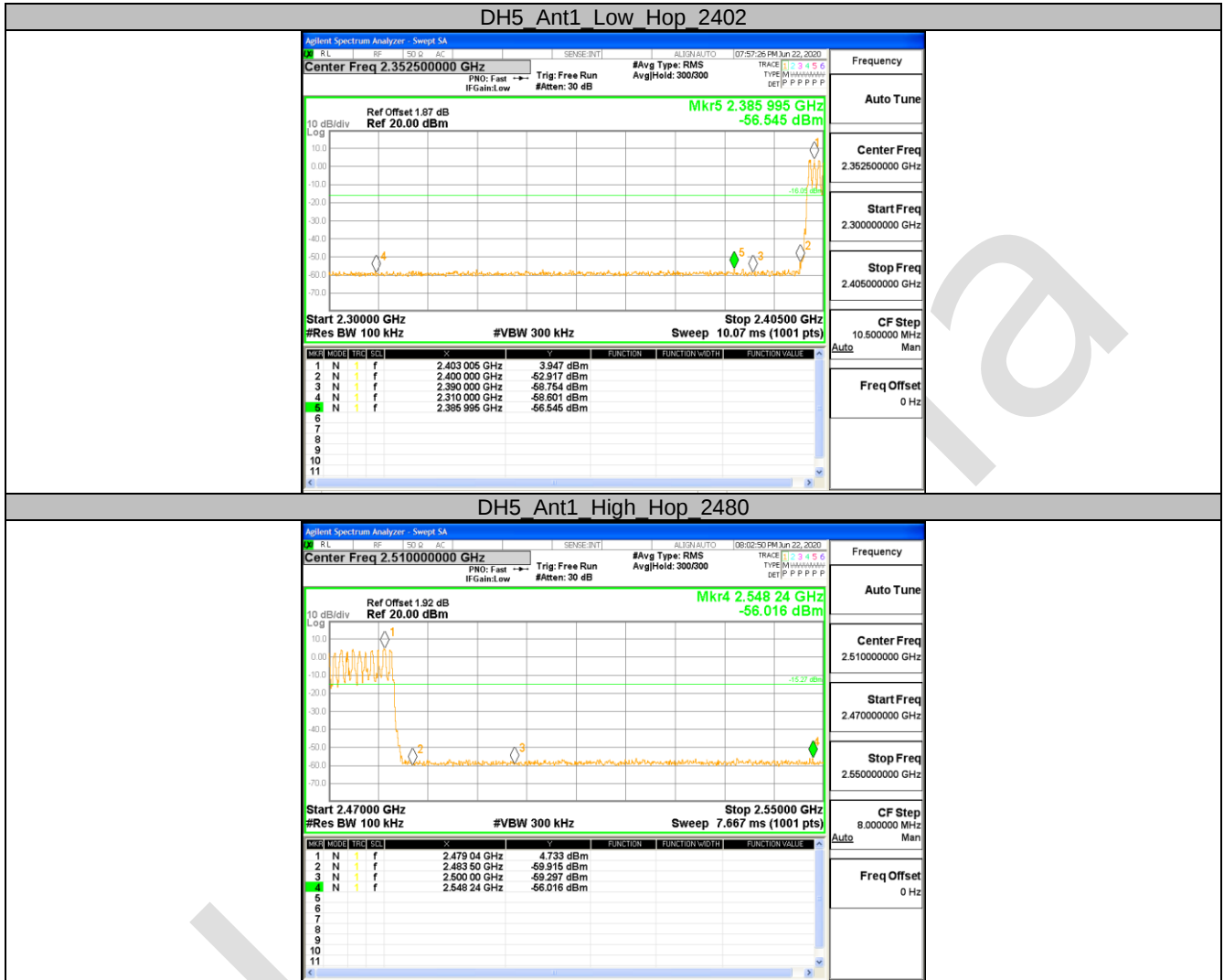
10.7 APPENDIX G: BAND EDGE MEASUREMENTS

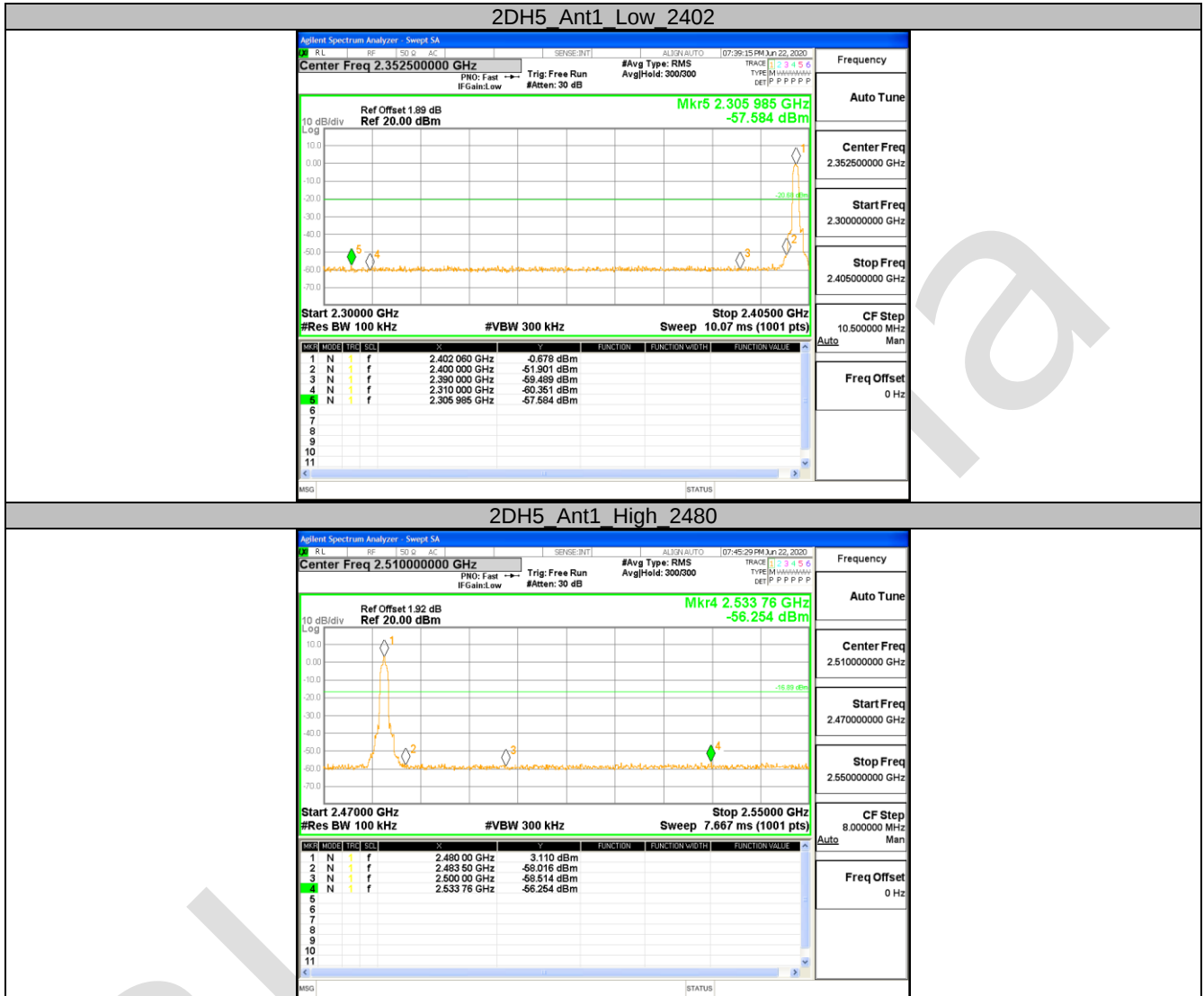
Test Result

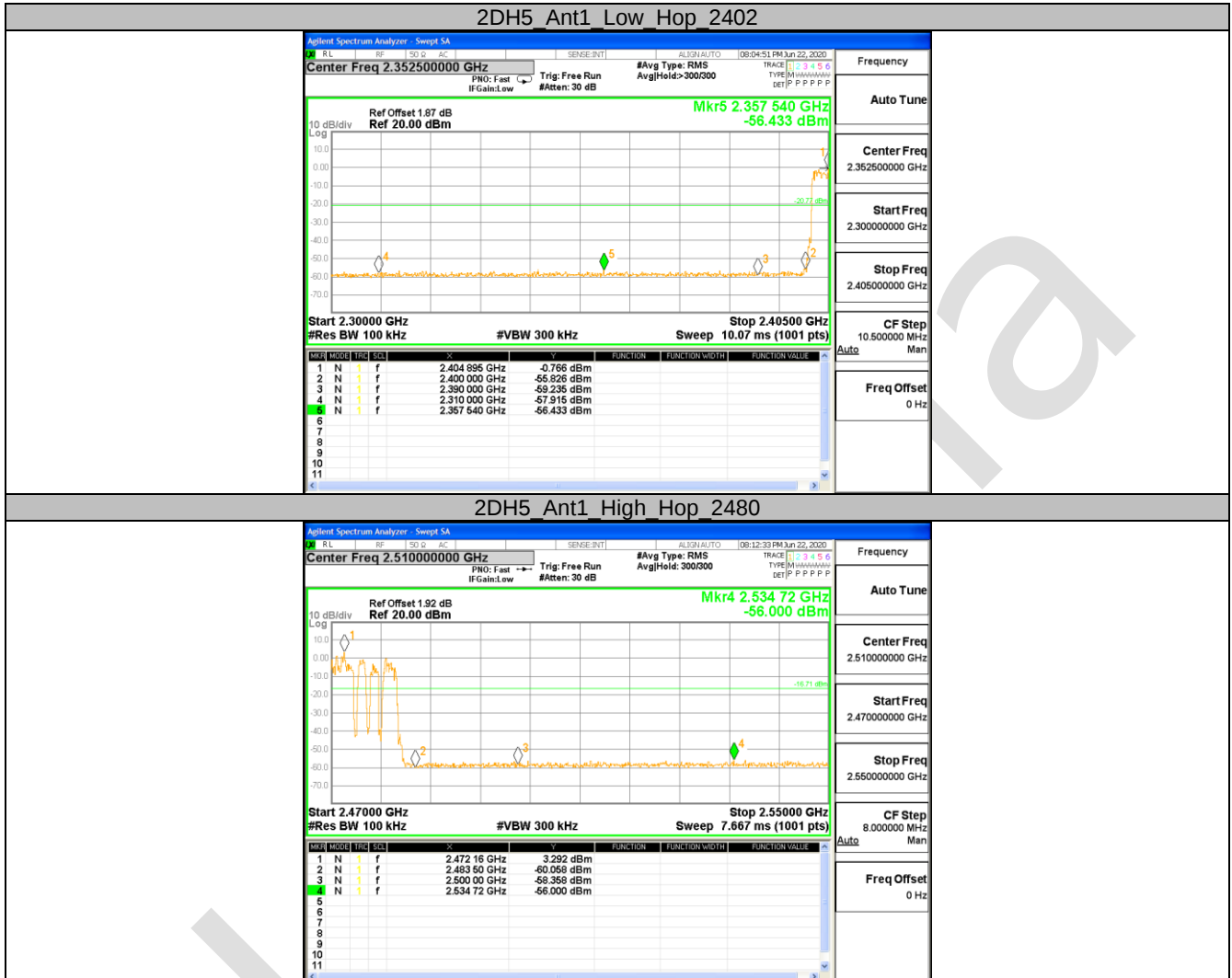
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	3.95	-57.38	<=-16.05	PASS
		High	2480	4.30	-55.3	<=-15.7	PASS
		Low	Hop 2402	3.95	-56.55	-16.05	PASS
		High	Hop 2480	4.73	-56.02	-15.27	PASS
2DH5	Ant1	Low	2402	-0.68	-57.58	<=-20.68	PASS
		High	2480	3.11	-56.25	<=-16.89	PASS
		Low	Hop 2402	-0.77	-56.43	-20.77	PASS
		High	Hop 2480	3.29	-56	-16.71	PASS
3DH5	Ant1	Low	2402	0.46	-56.7	<=-19.54	PASS
		High	2480	3.57	-56.26	<=-16.43	PASS
		Low	Hop 2402	-0.75	-56.56	-20.75	PASS
		High	Hop 2480	1.03	-55.57	-18.97	PASS

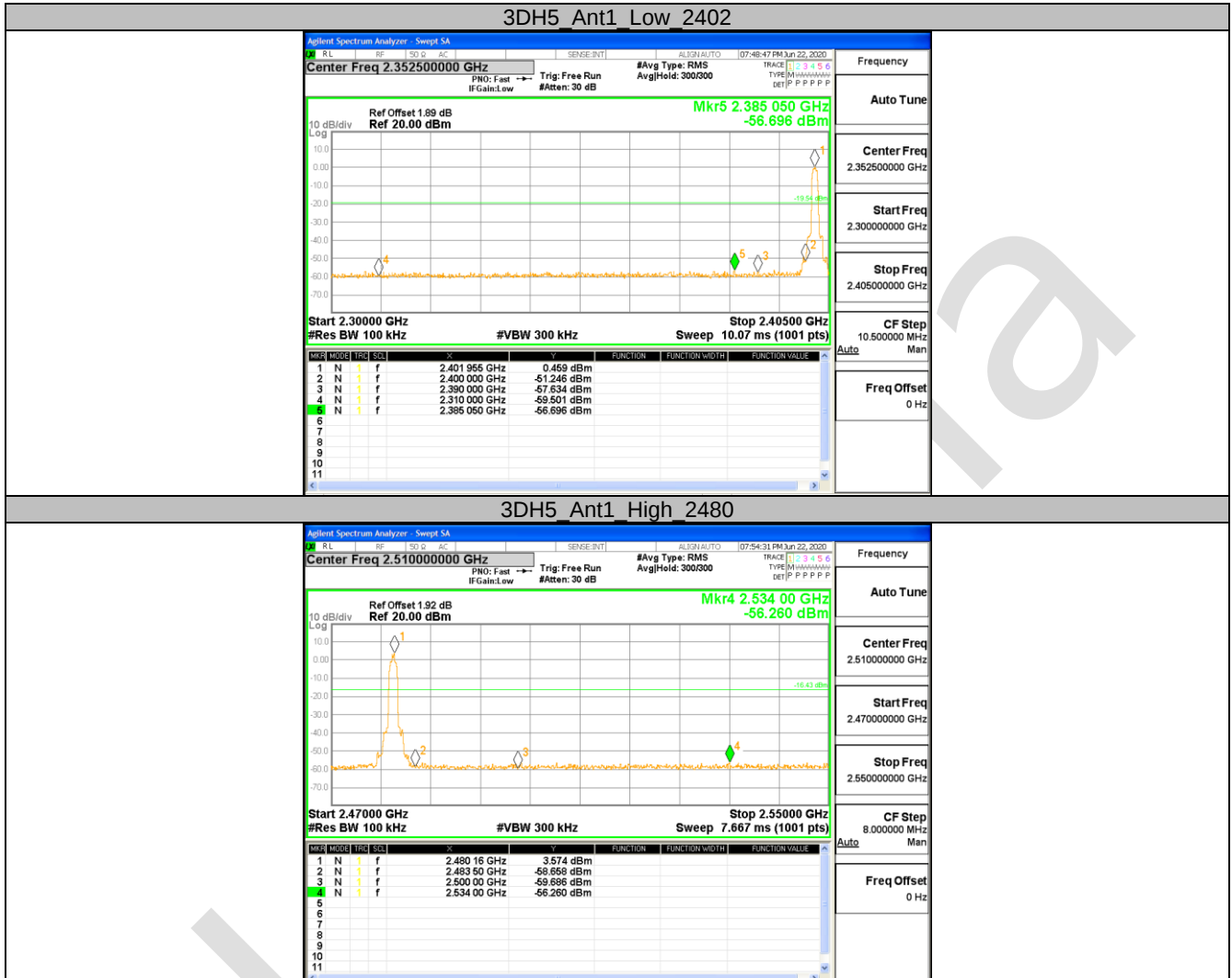
Test Graphs

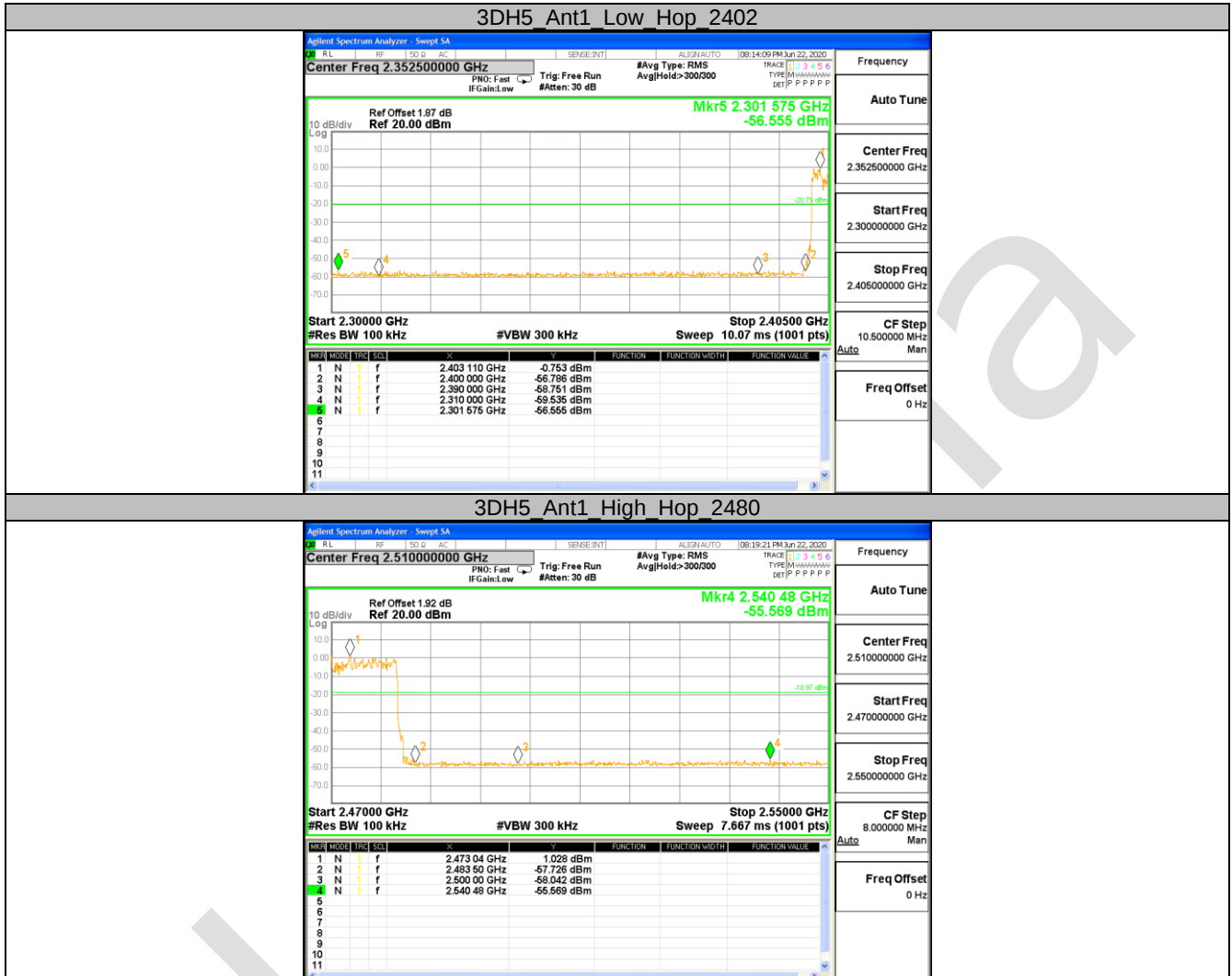












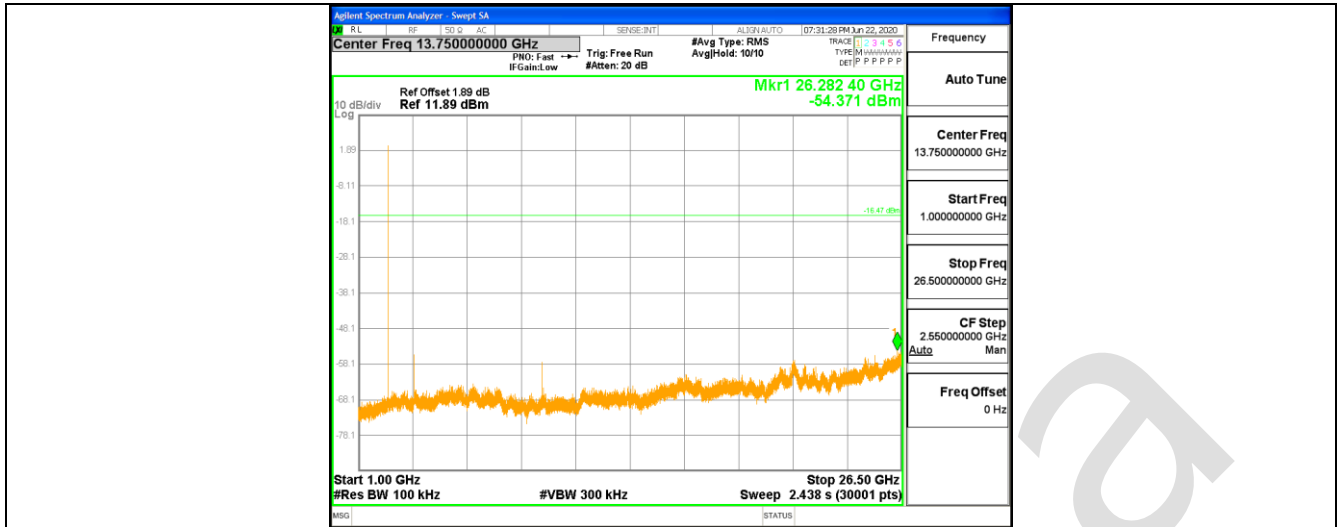
10.8 APPENDIX H: CONDUCTED SPURIOUS EMISSION

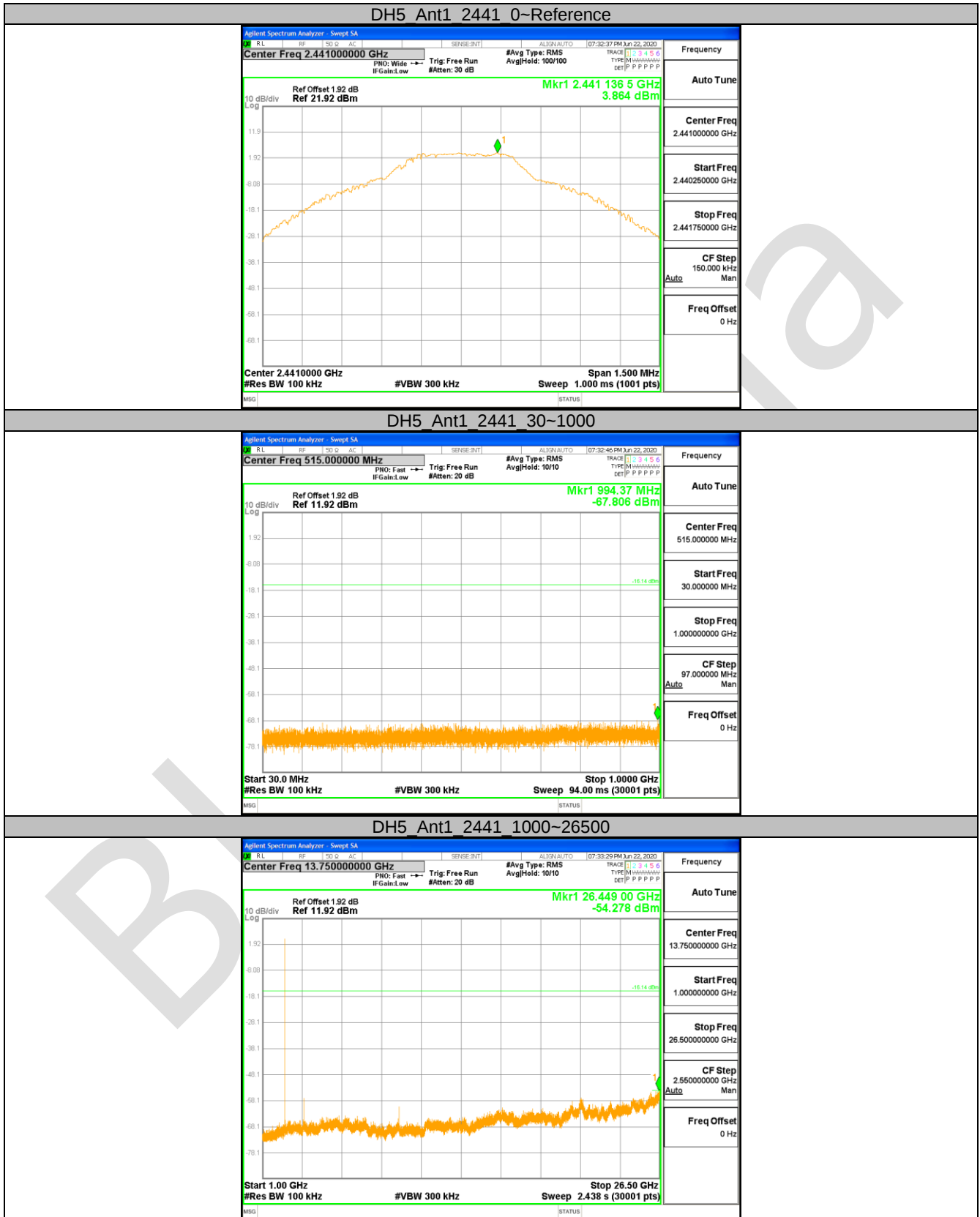
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	3.53	3.53	---	PASS
			30~1000	30~1000	-67.914	<=-16.472	PASS
			1000~26500	1000~26500	-54.371	<=-16.472	PASS
		2441	Reference	3.86	3.86	---	PASS
			30~1000	30~1000	-67.806	<=-16.136	PASS
			1000~26500	1000~26500	-54.278	<=-16.136	PASS
		2480	Reference	3.86	3.86	---	PASS
			30~1000	30~1000	-67.867	<=-16.14	PASS
			1000~26500	1000~26500	-54.842	<=-16.14	PASS
2DH5	Ant1	2402	Reference	2.71	2.71	---	PASS
			30~1000	30~1000	-67.641	<=-17.287	PASS
			1000~26500	1000~26500	-53.72	<=-17.287	PASS
		2441	Reference	3.02	3.02	---	PASS
			30~1000	30~1000	-67.942	<=-16.985	PASS
			1000~26500	1000~26500	-54.003	<=-16.985	PASS
		2480	Reference	3.03	3.03	---	PASS
			30~1000	30~1000	-67.204	<=-16.967	PASS
			1000~26500	1000~26500	-53.404	<=-16.967	PASS
3DH5	Ant1	2402	Reference	2.73	2.73	---	PASS
			30~1000	30~1000	-66.297	<=-17.272	PASS
			1000~26500	1000~26500	-53.919	<=-17.272	PASS
		2441	Reference	2.75	2.75	---	PASS
			30~1000	30~1000	-67.097	<=-17.246	PASS
			1000~26500	1000~26500	-54.056	<=-17.246	PASS
		2480	Reference	3.42	3.42	---	PASS
			30~1000	30~1000	-67.173	<=-16.579	PASS
			1000~26500	1000~26500	-54.236	<=-16.579	PASS

Test Graphs



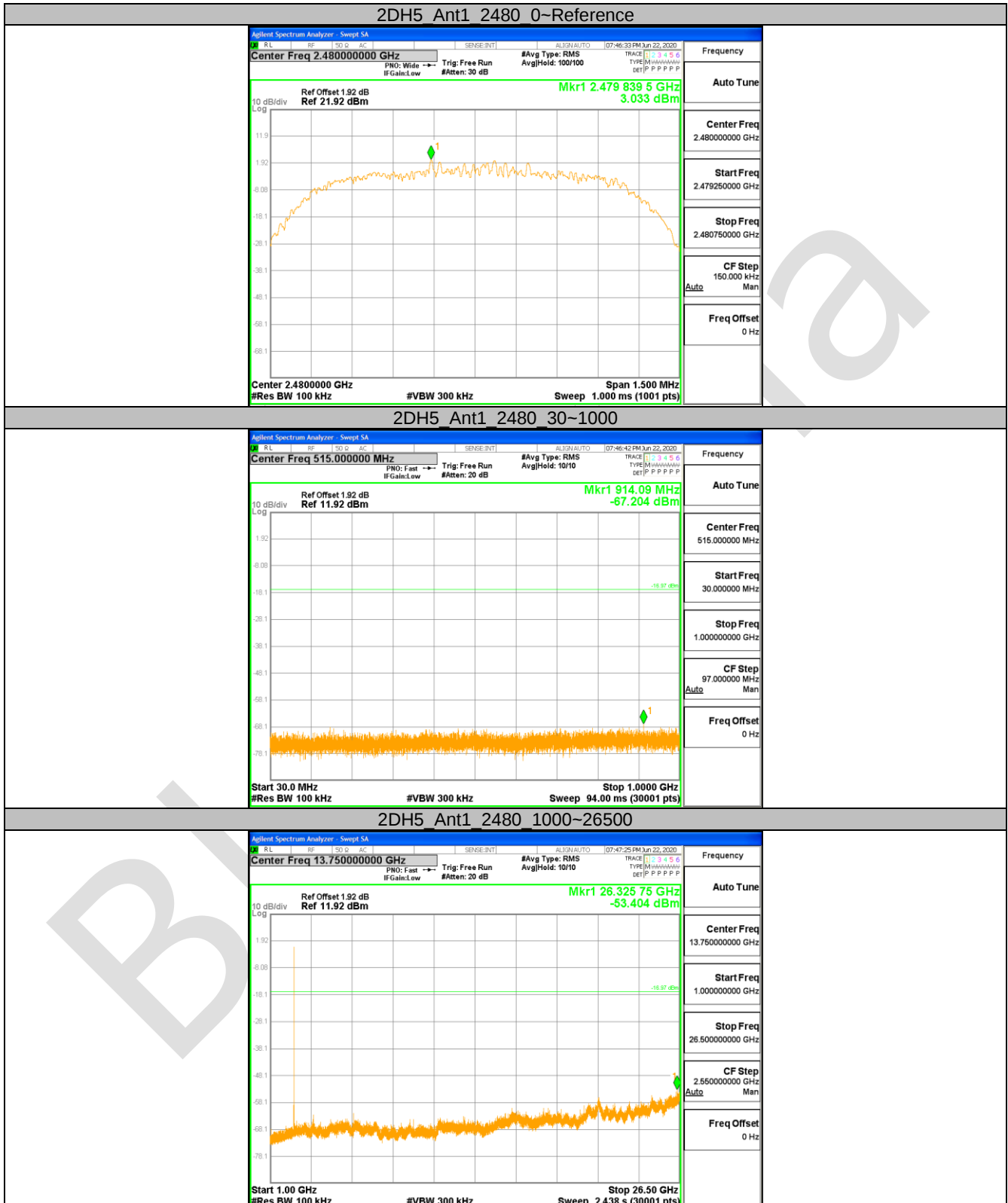


















----END OF REPORT----

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