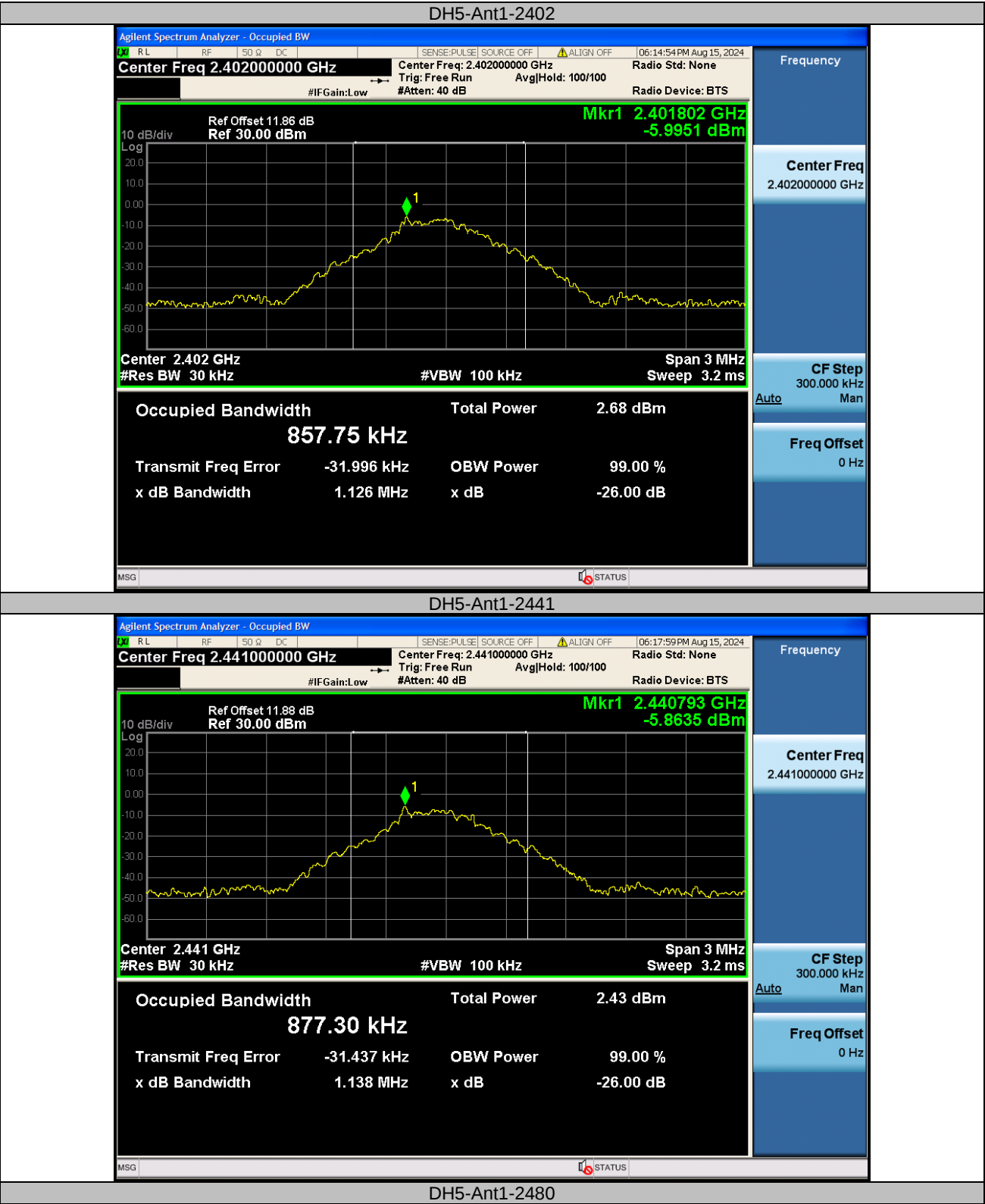


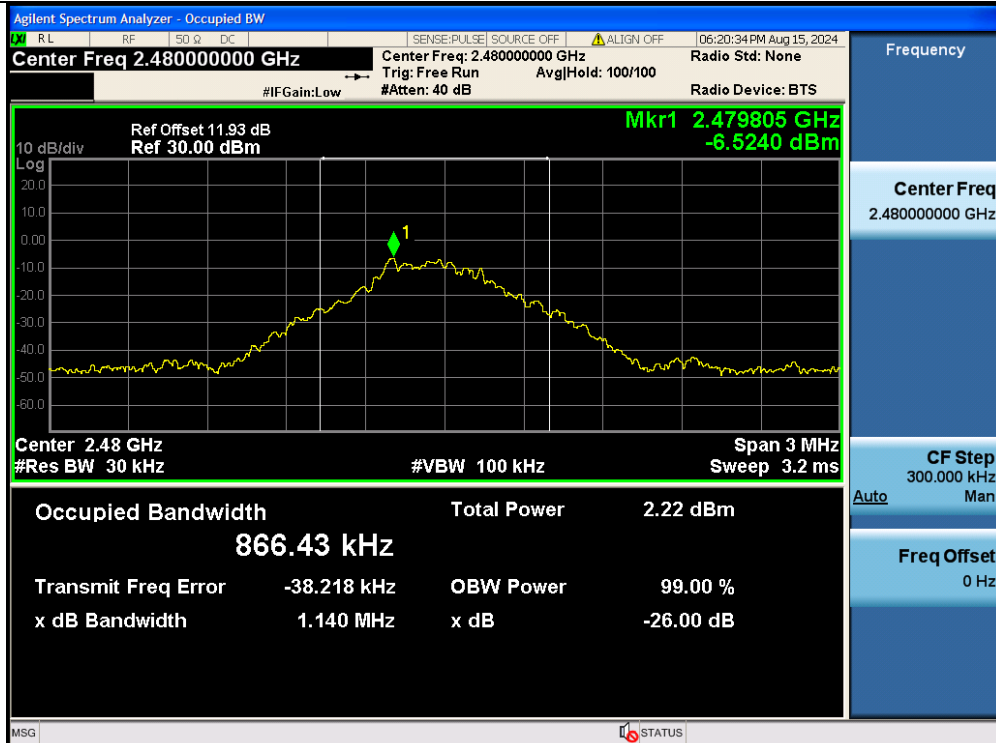
Appendix A: Test Results of FCC Part 15C

APPENDIX A: TEST RESULTS OF FCC PART 15C.....	1
APPENDIX A.1: TEST RESULTS OF 99% BANDWIDTH.....	2
APPENDIX A.2: TEST RESULTS OF 20dB BANDWIDTH	8
APPENDIX A.3: TEST RESULTS OF CARRIER FREQUENCY SEPARATION	14
APPENDIX A.4: TEST RESULTS OF NUMBER OF HOPPING FREQUENCY	17
APPENDIX A.5: TEST RESULTS OF TIME OF OCCUPANCY.....	20
APPENDIX A.6: TEST RESULTS OF CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 kHz BANDWIDTH	30
<i>Band Edge</i>	30
<i>Conducted Spurious Emission</i>	37
APPENDIX A.7: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS	52
30 MHz - 1GHz.....	52
1GHz - 18GHz.....	54
APPENDIX A.8: TEST RESULTS OF RADIATED EMISSIONS IN RESTRICTED BANDS.....	60
APPENDIX A.9: TEST RESULTS OF CONDUCTED EMISSION	64

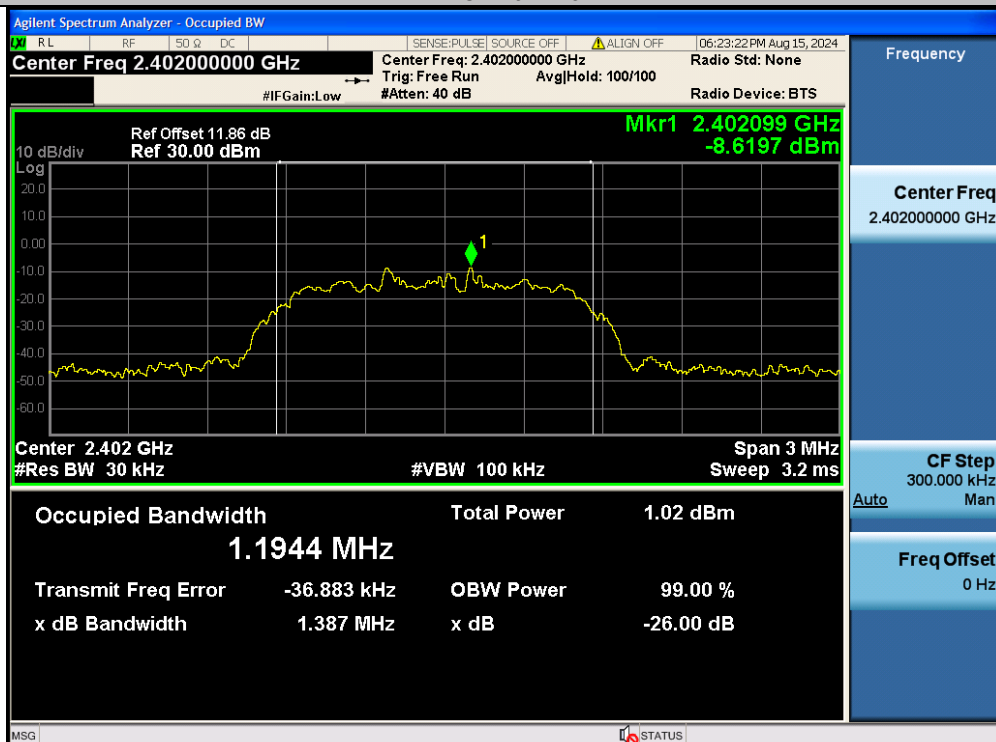
Appendix A.1: Test Results of 99% Bandwidth

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.85775	2401.5391	2402.3969	---	PASS
DH5	Ant1	2441	0.87730	2440.5299	2441.4072	---	PASS
DH5	Ant1	2480	0.86643	2479.5286	2480.3950	---	PASS
2DH5	Ant1	2402	1.1944	2401.3659	2402.5603	---	PASS
2DH5	Ant1	2441	1.1855	2440.3706	2441.5561	---	PASS
2DH5	Ant1	2480	1.1736	2479.3777	2480.5513	---	PASS
3DH5	Ant1	2402	1.1669	2401.3834	2402.5503	---	PASS
3DH5	Ant1	2441	1.1683	2440.3811	2441.5494	---	PASS
3DH5	Ant1	2480	1.1702	2479.3807	2480.5509	---	PASS

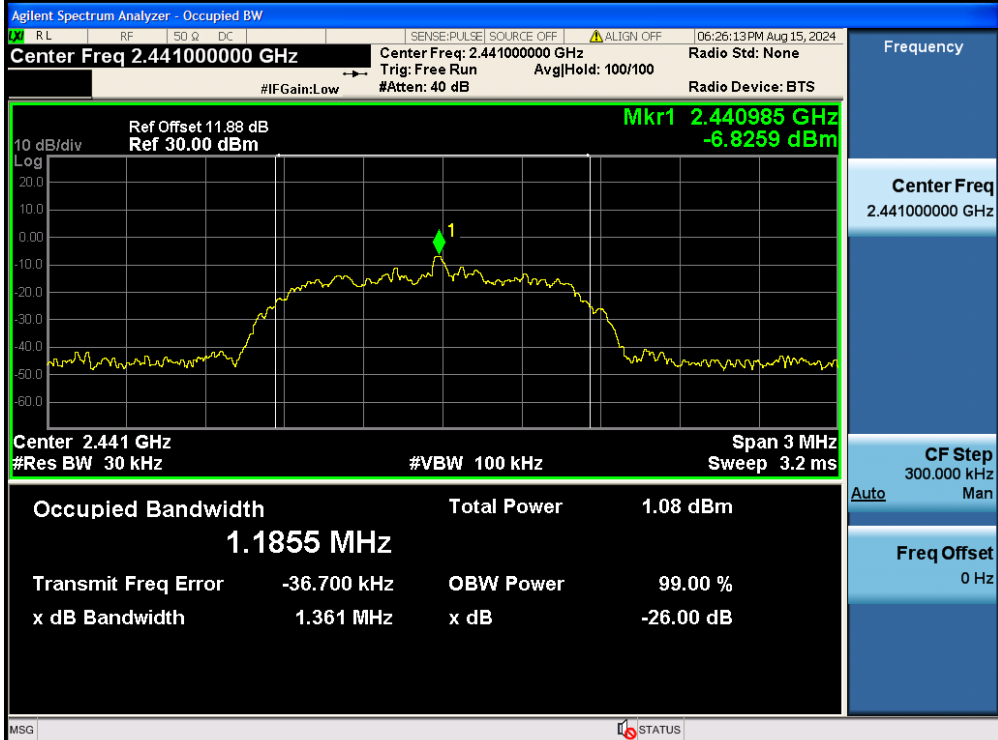




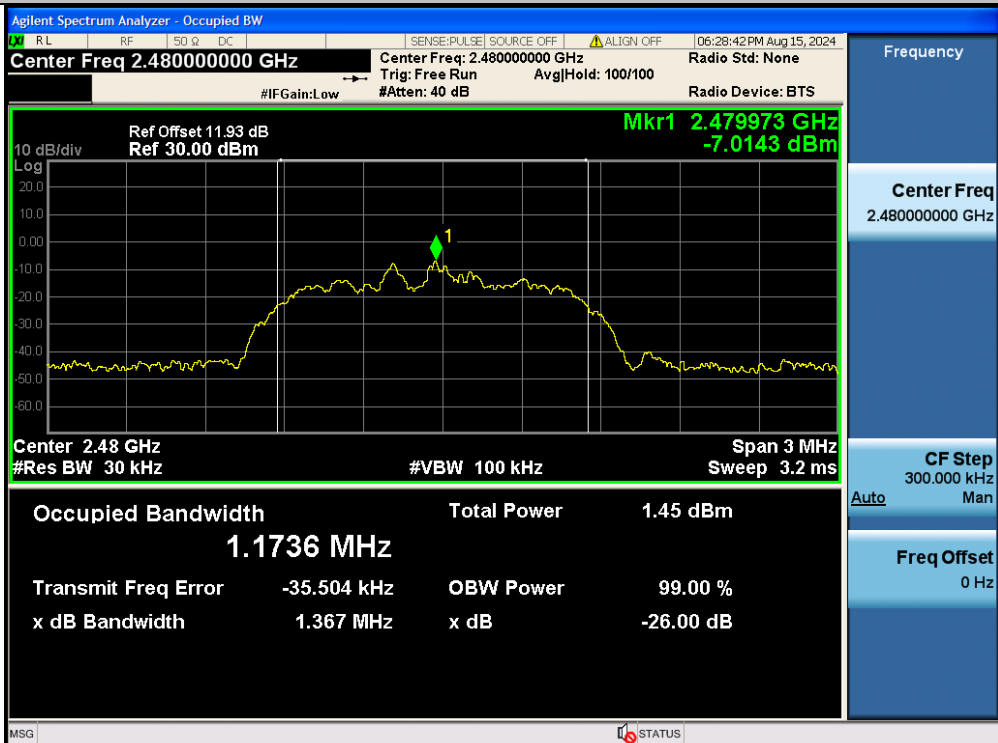
2DH5-Ant1-2402



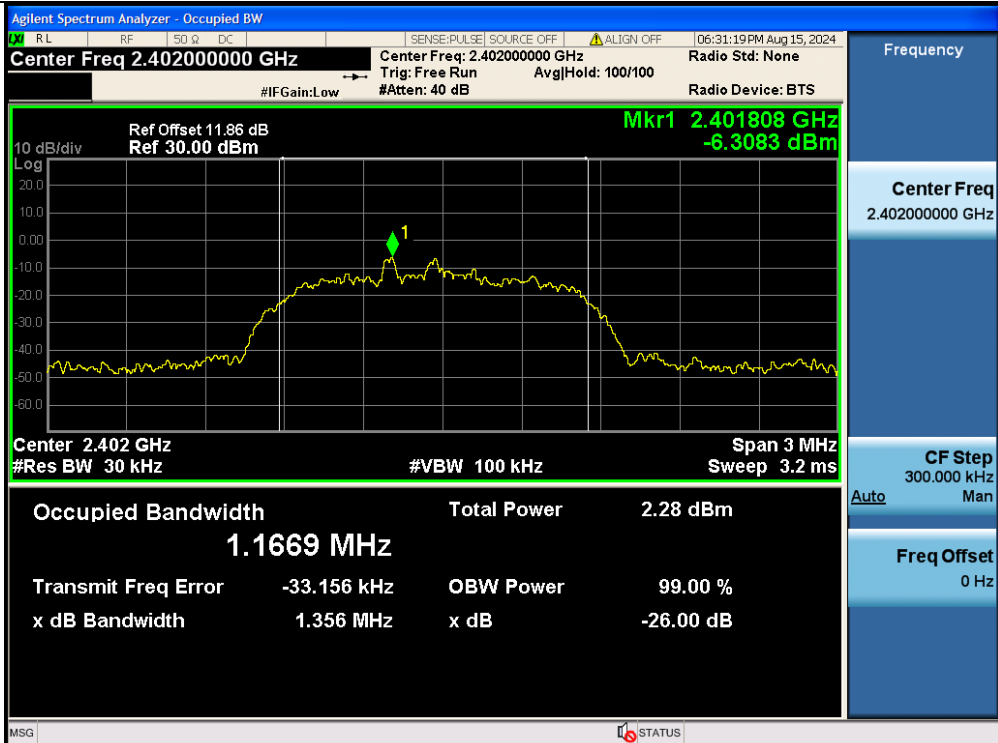
2DH5-Ant1-2441



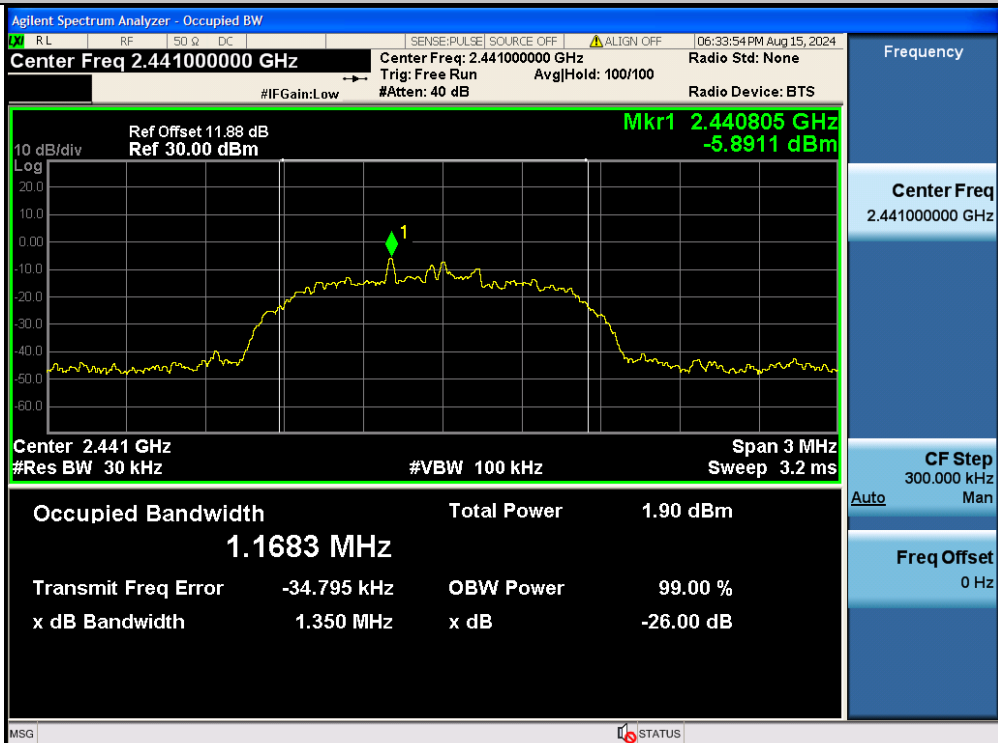
2DH5-Ant1-2480



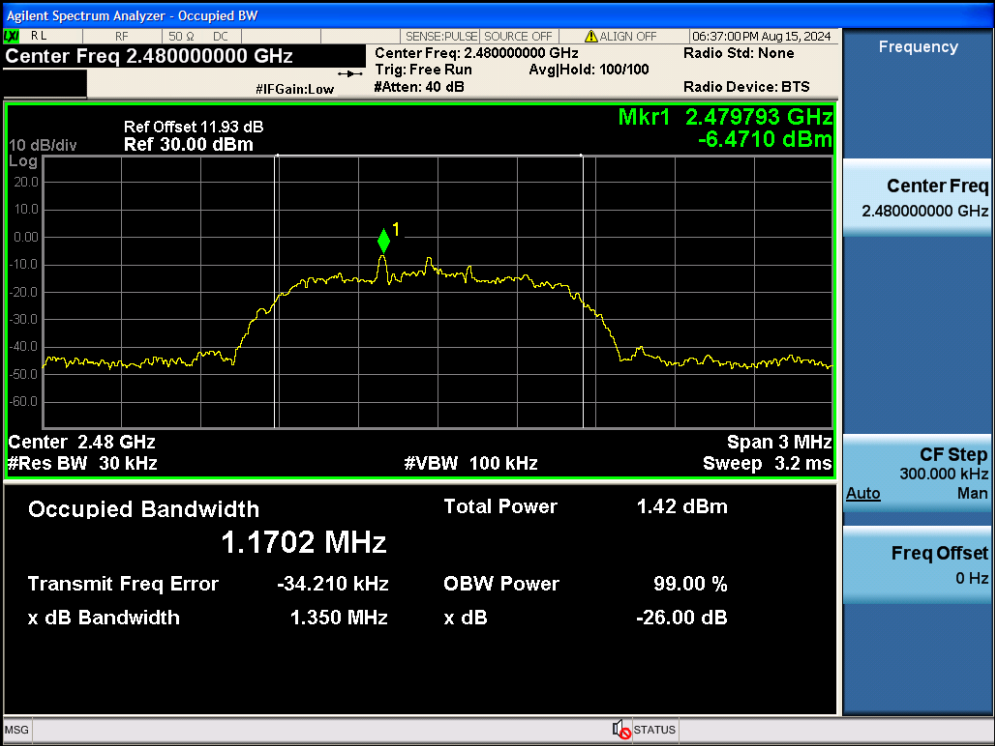
3DH5-Ant1-2402



3DH5-Ant1-2441

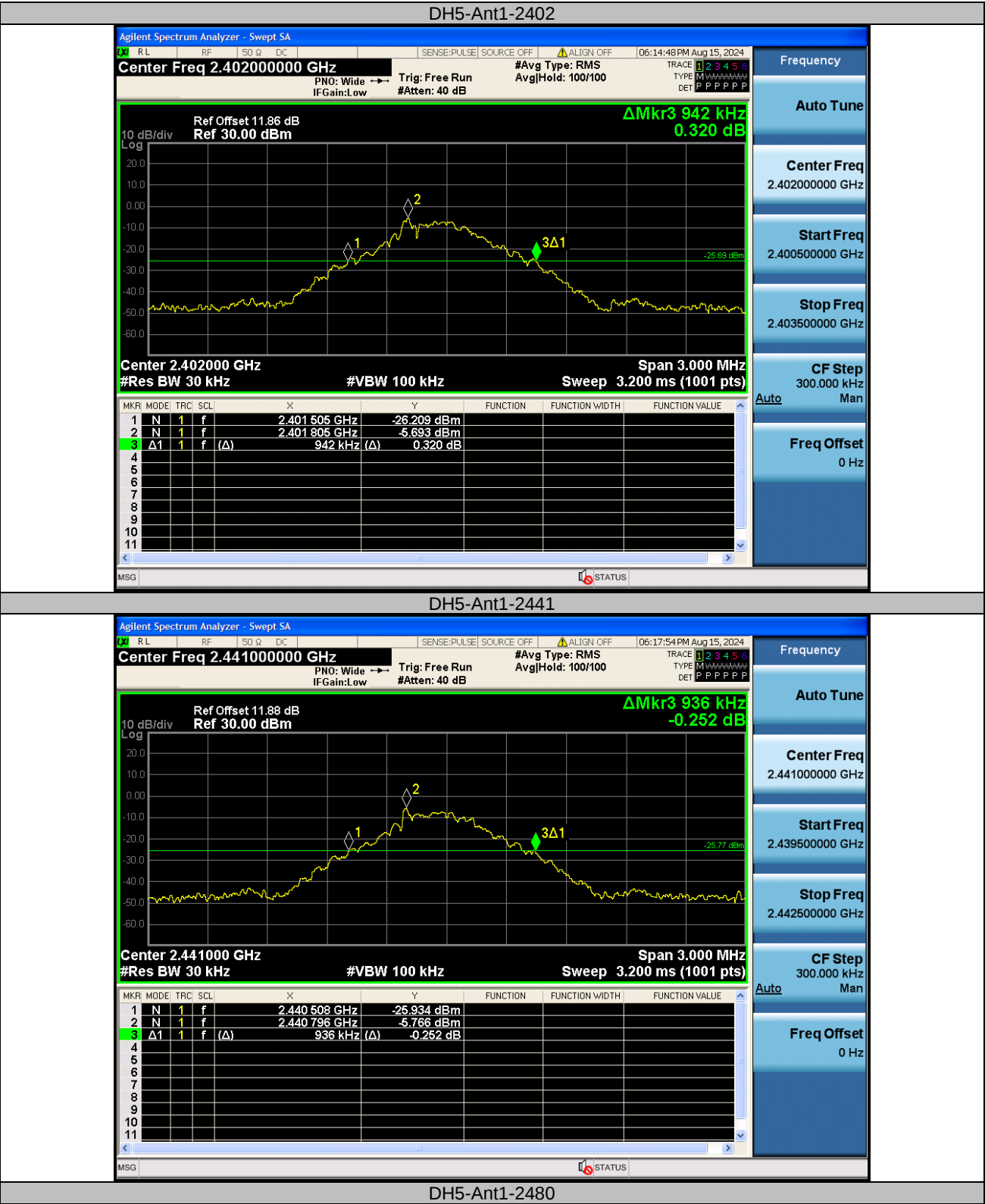


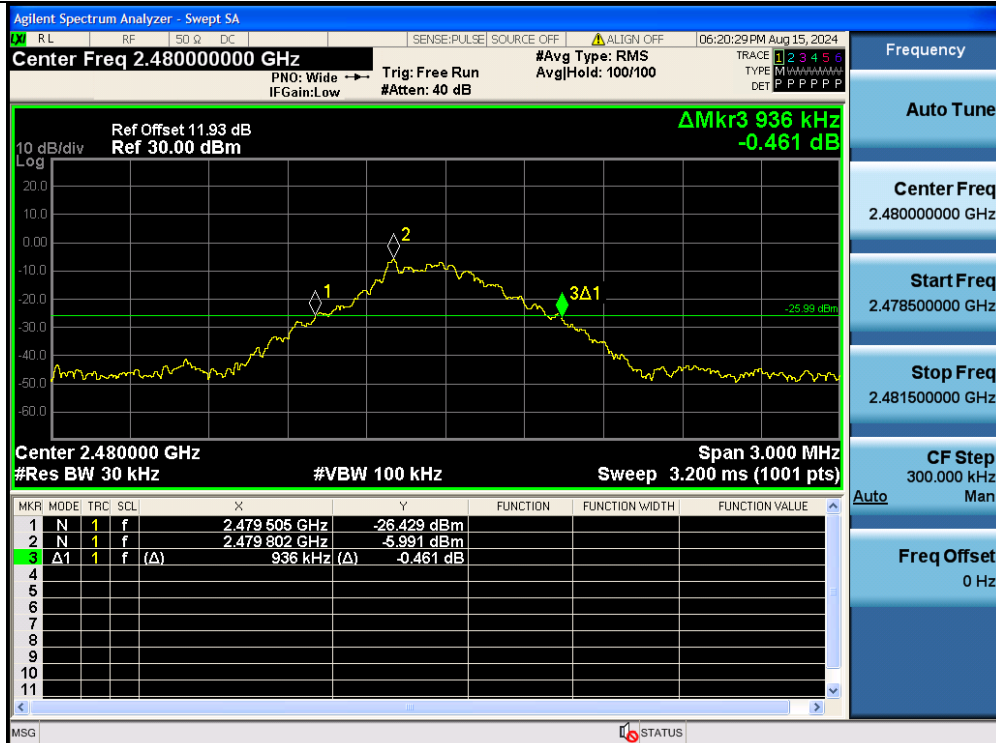
3DH5-Ant1-2480



Appendix A.2: Test Results of 20dB Bandwidth

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.942	2401.505	2402.447	---	PASS
DH5	Ant1	2441	0.936	2440.508	2441.444	---	PASS
DH5	Ant1	2480	0.936	2479.505	2480.441	---	PASS
2DH5	Ant1	2402	1.269	2401.337	2402.606	---	PASS
2DH5	Ant1	2441	1.266	2440.337	2441.603	---	PASS
2DH5	Ant1	2480	1.317	2479.307	2480.624	---	PASS
3DH5	Ant1	2402	1.263	2401.328	2402.591	---	PASS
3DH5	Ant1	2441	1.284	2440.325	2441.609	---	PASS
3DH5	Ant1	2480	1.224	2479.355	2480.579	---	PASS





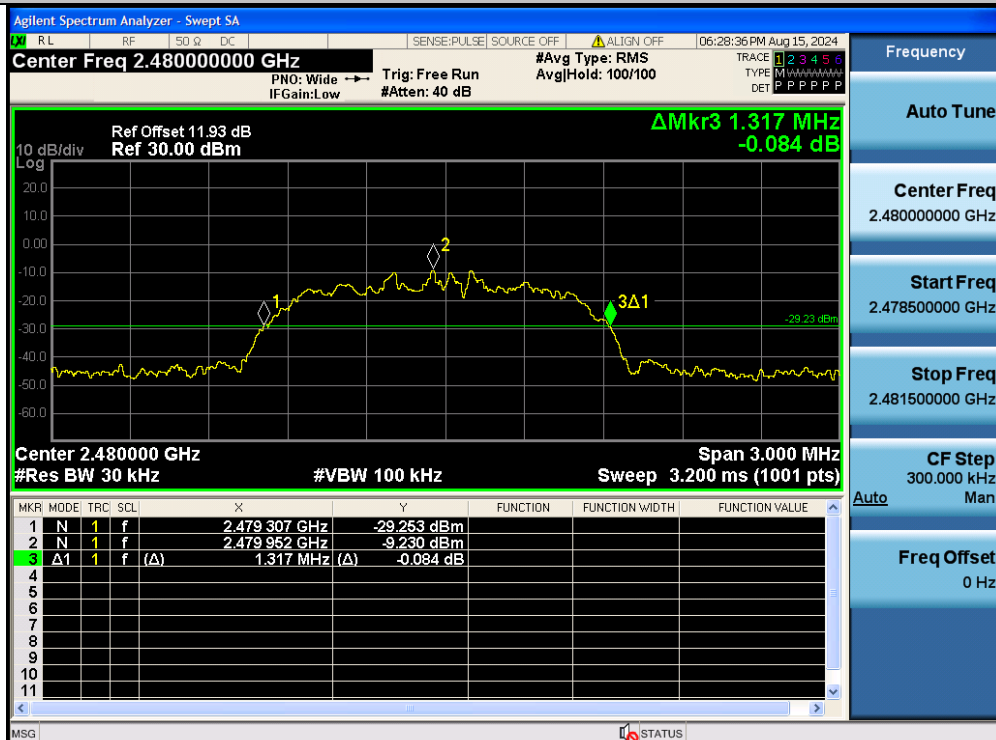
2DH5-Ant1-2402



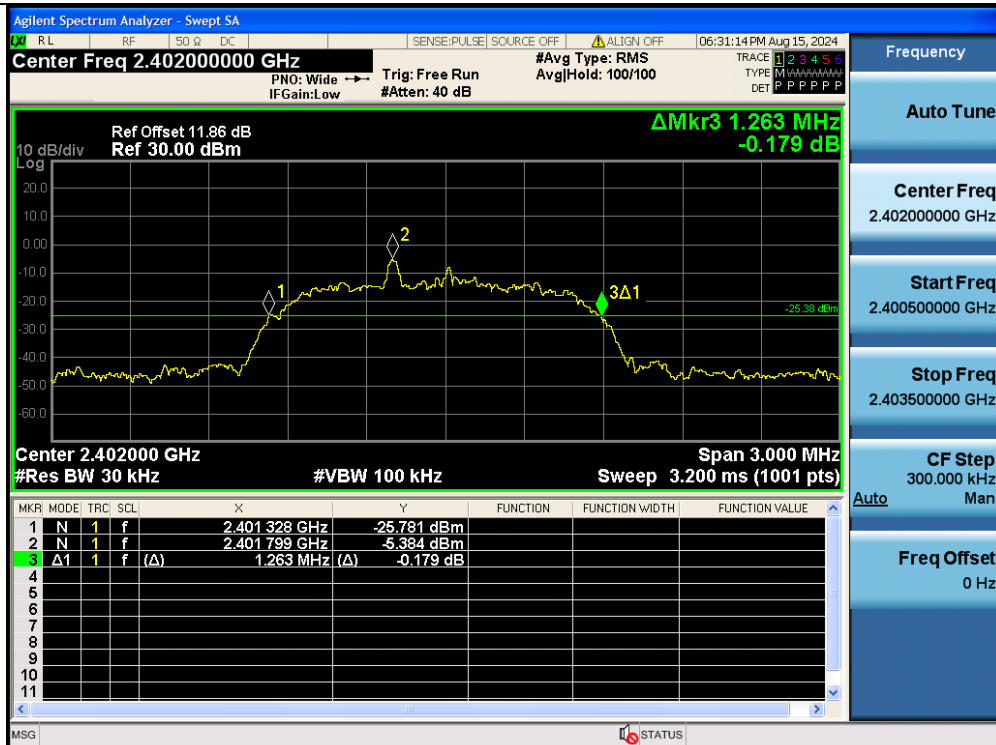
2DH5-Ant1-2441



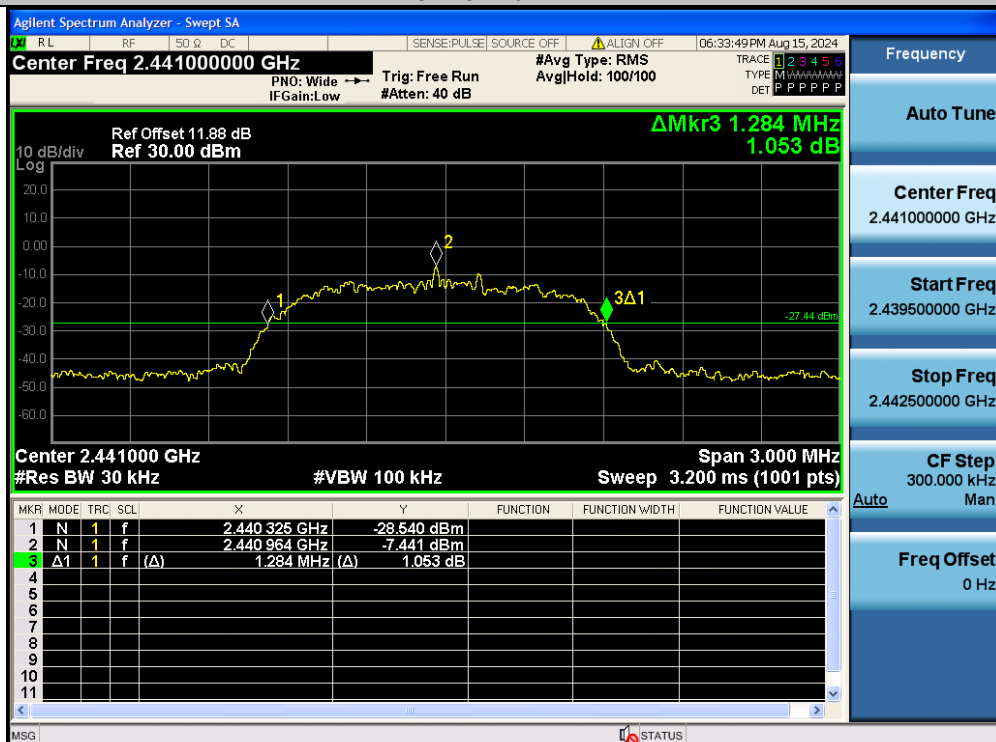
2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



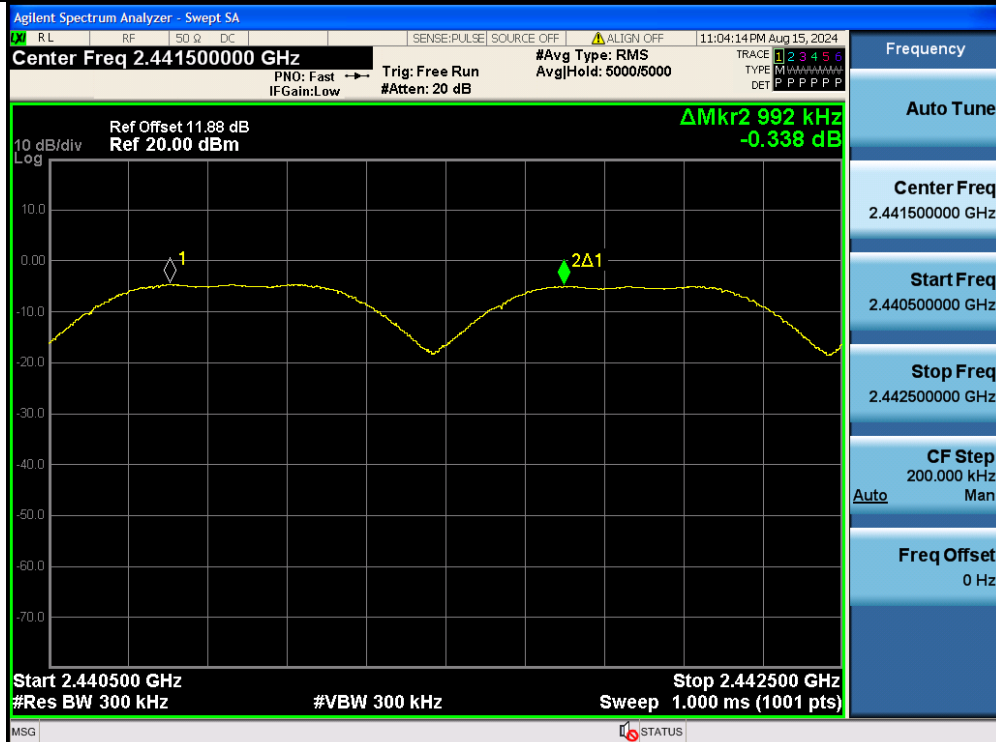
3DH5-Ant1-2480



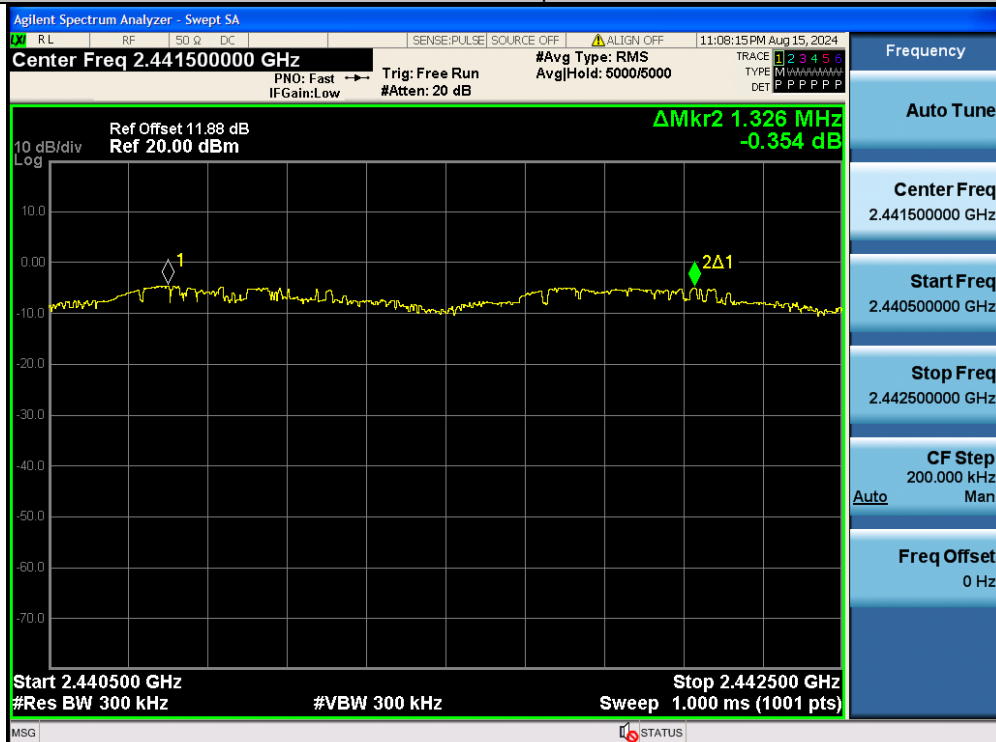
Appendix A.3: Test Results of Carrier Frequency Separation

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.992	≥ 0.942	PASS
2DH5	Ant1	Hop	1.326	≥ 1.317	PASS
3DH5	Ant1	Hop	1.004	≥ 0.856	PASS

DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS

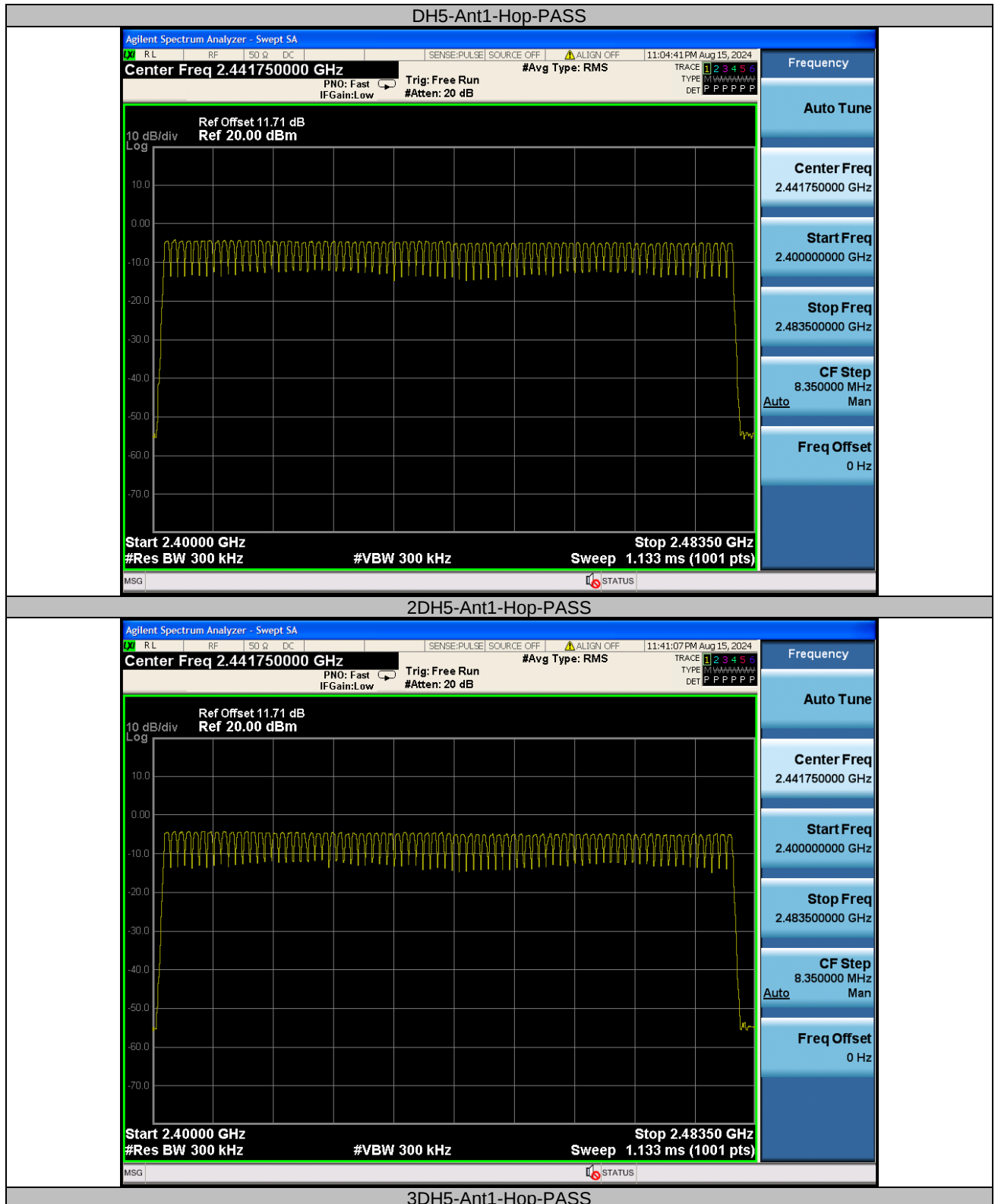


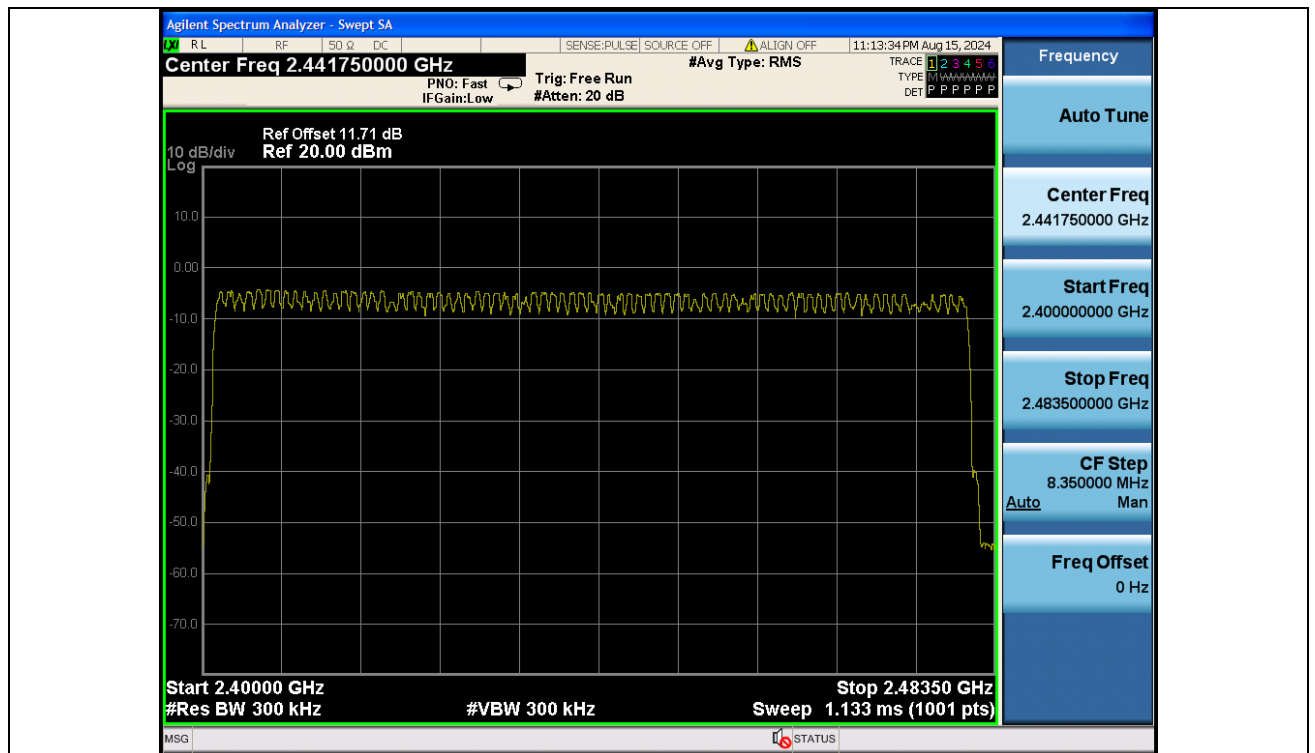
3DH5-Ant1-Hop-PASS



Appendix A.4: Test Results of Number of Hopping Frequency

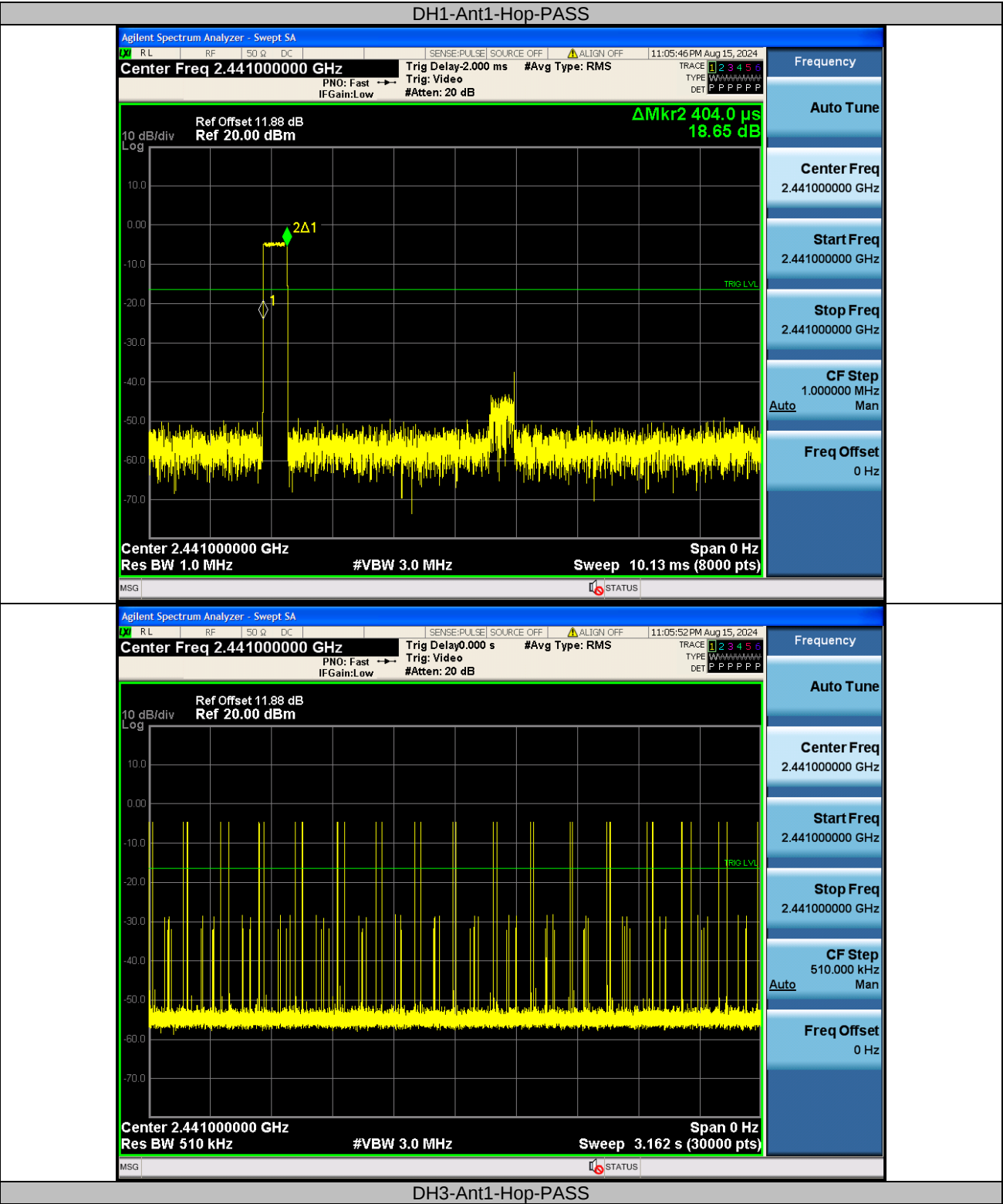
TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

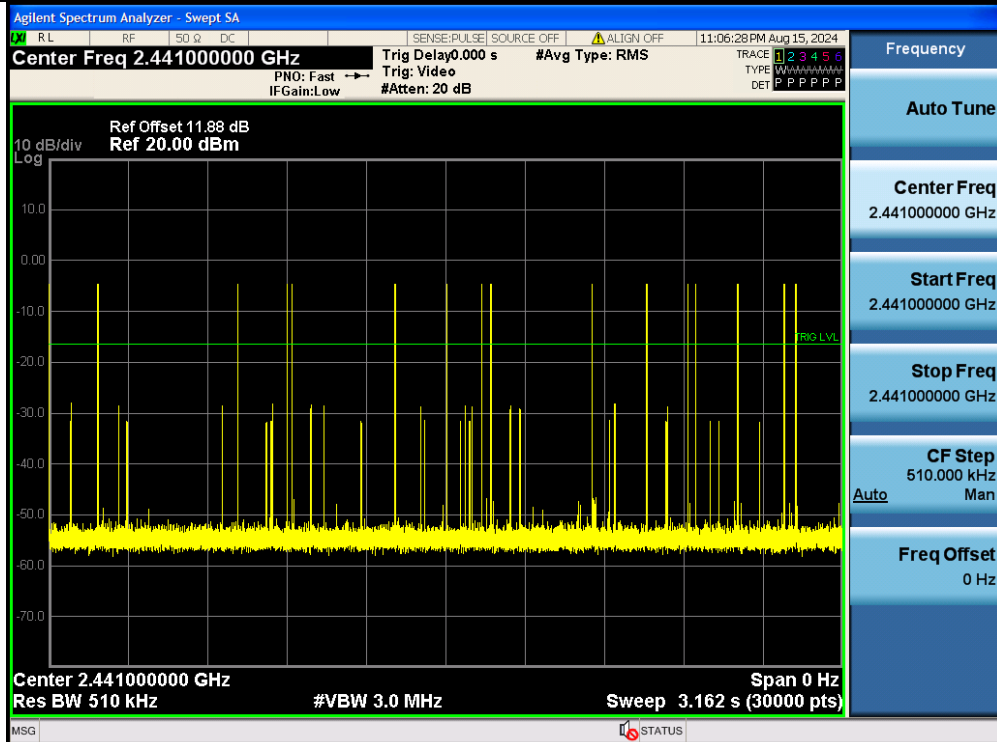
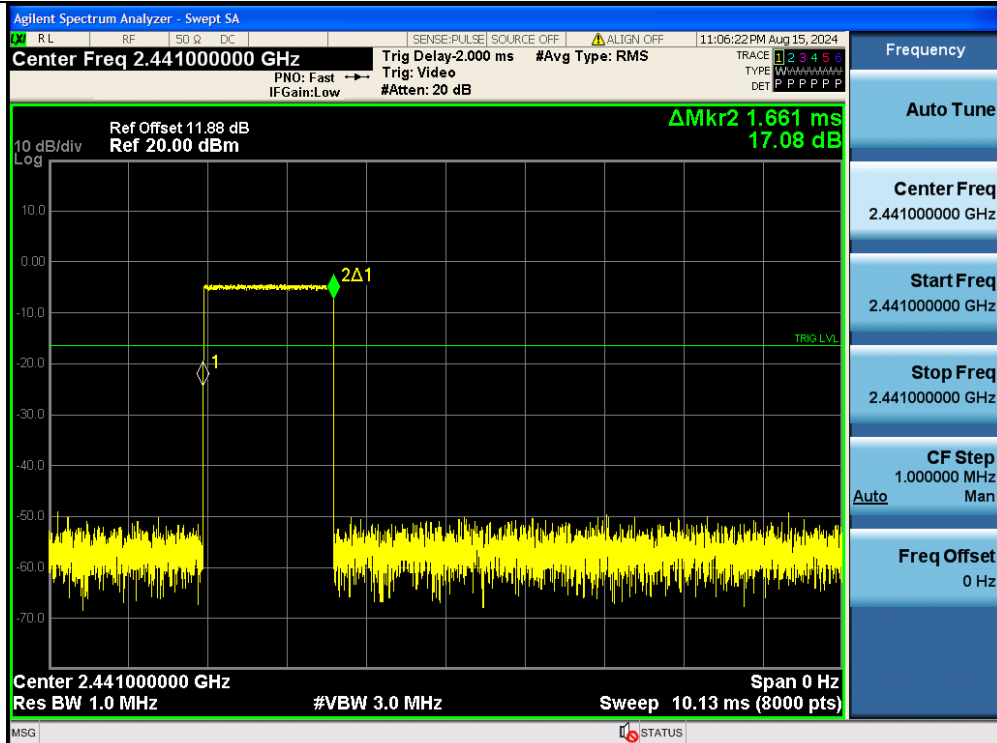




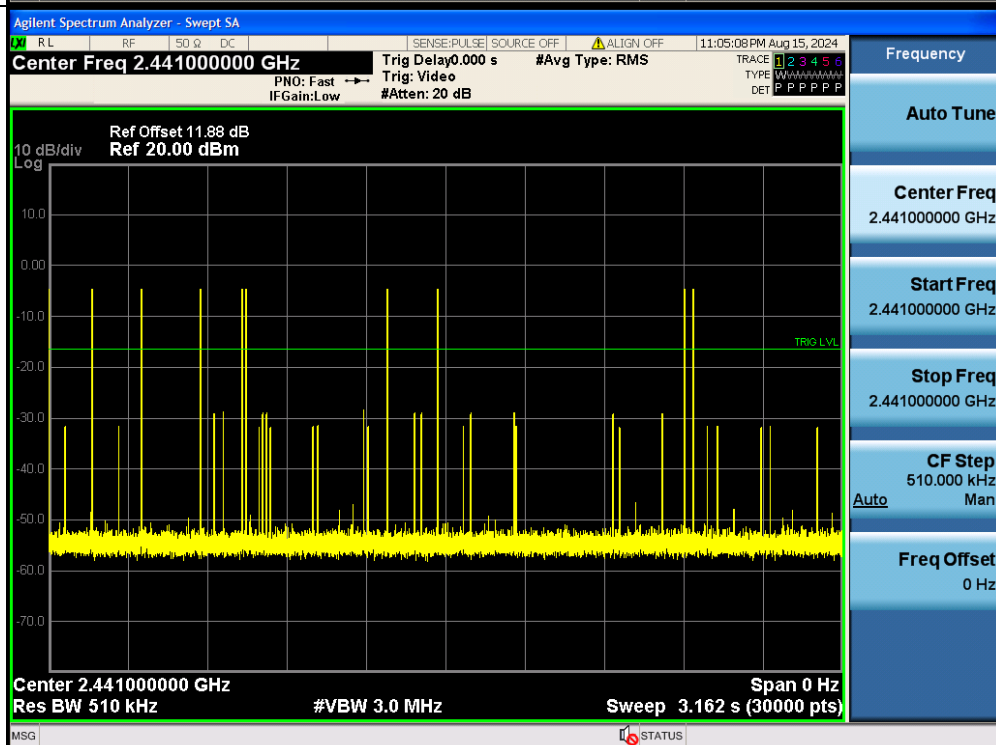
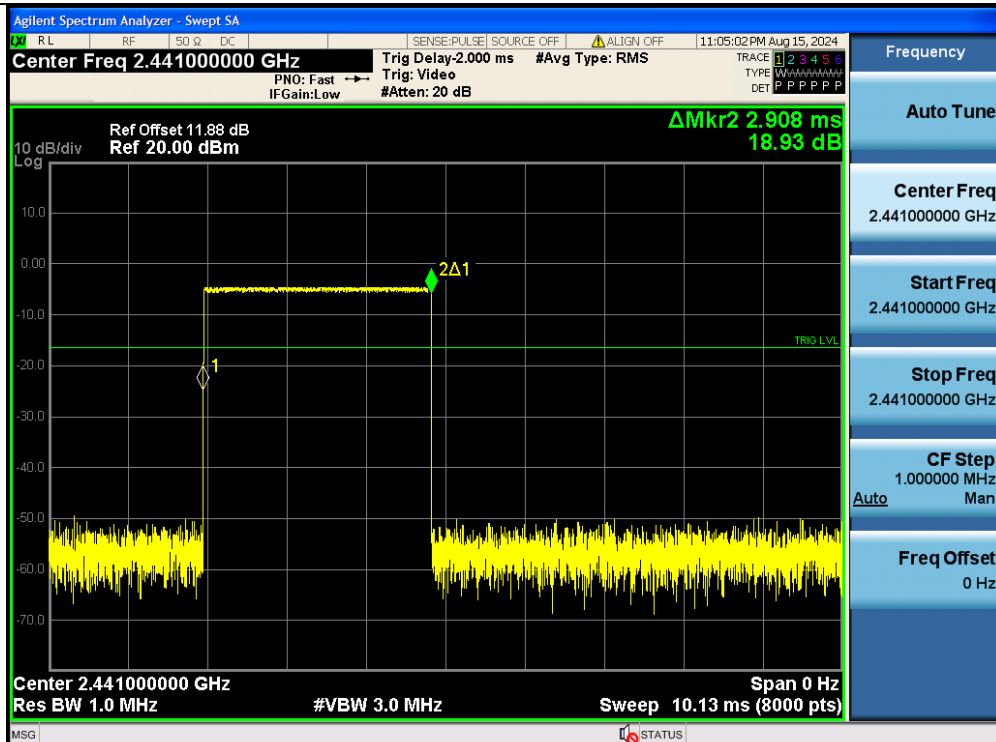
Appendix A.5: Test Results of Time of Occupancy

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.404	330	0.133	≤0.4	PASS
DH3	Ant1	Hop	1.661	160	0.266	≤0.4	PASS
DH5	Ant1	Hop	2.908	100	0.291	≤0.4	PASS
2DH1	Ant1	Hop	0.414	330	0.137	≤0.4	PASS
2DH3	Ant1	Hop	1.666	150	0.25	≤0.4	PASS
2DH5	Ant1	Hop	2.915	120	0.35	≤0.4	PASS
3DH1	Ant1	Hop	0.417	330	0.138	≤0.4	PASS
3DH3	Ant1	Hop	1.666	210	0.35	≤0.4	PASS
3DH5	Ant1	Hop	2.917	110	0.321	≤0.4	PASS

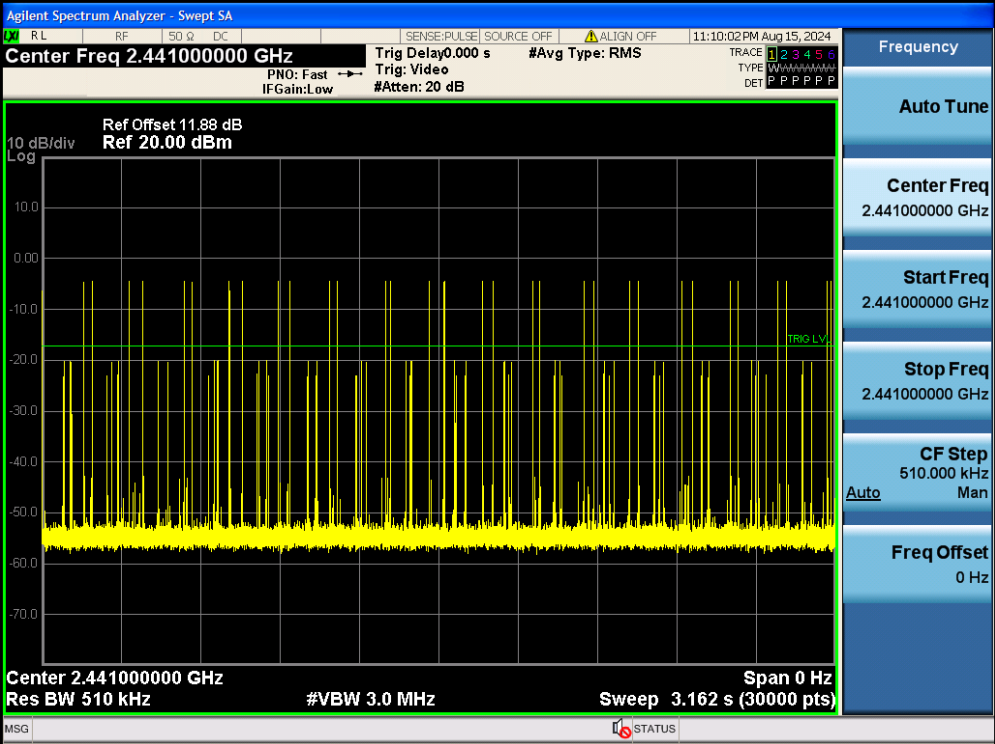
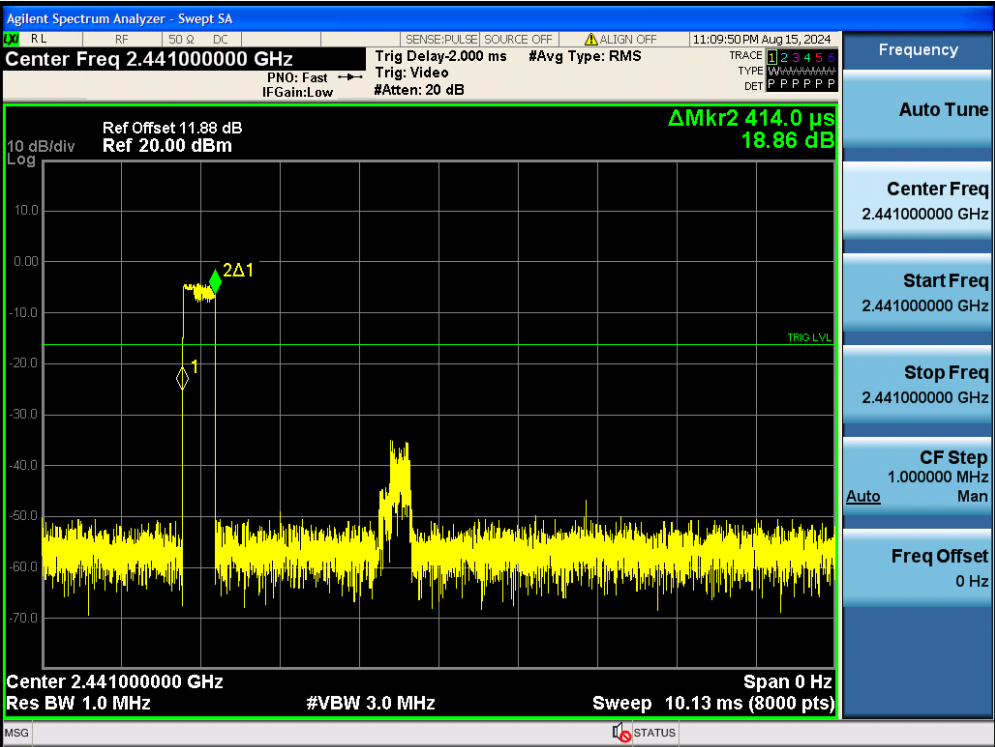




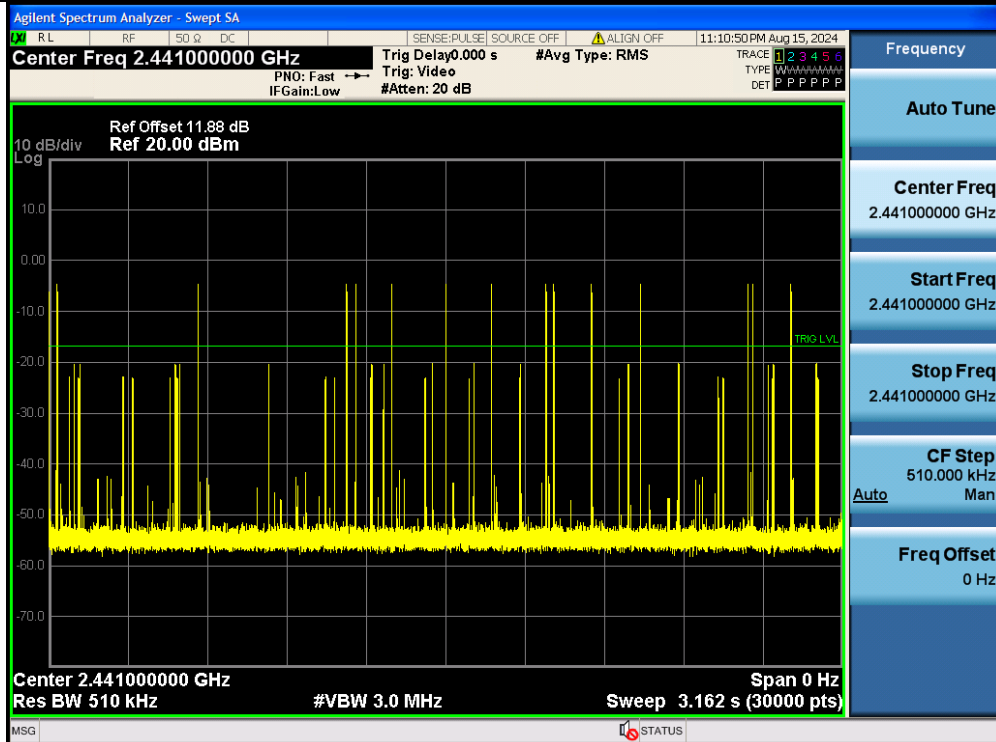
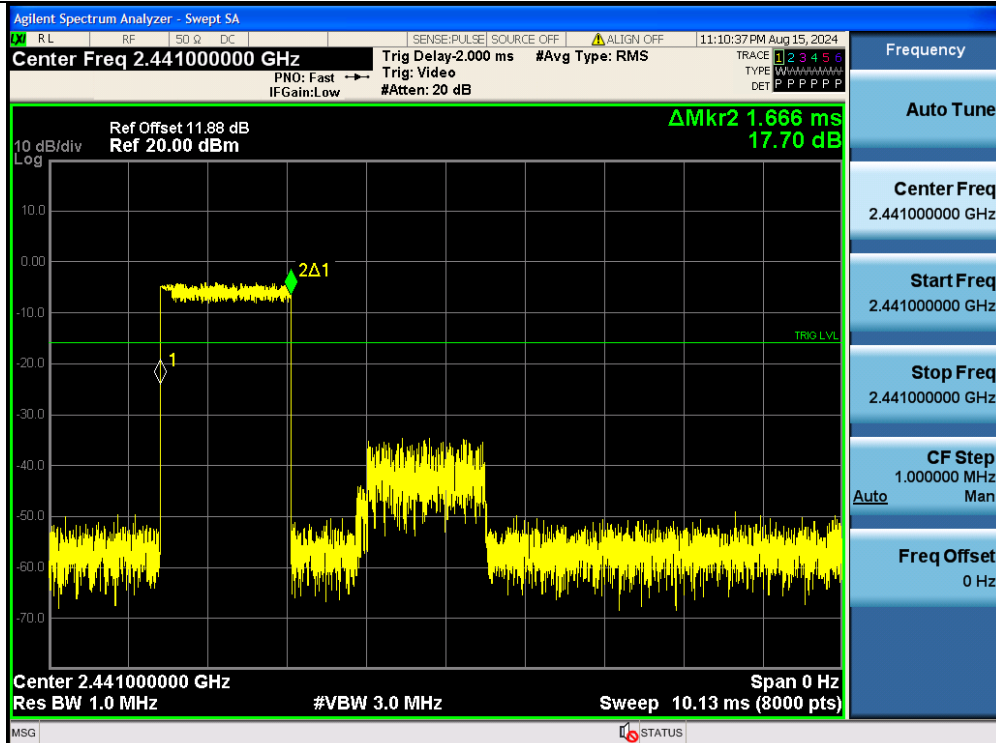
DH5-Ant1-Hop-PASS



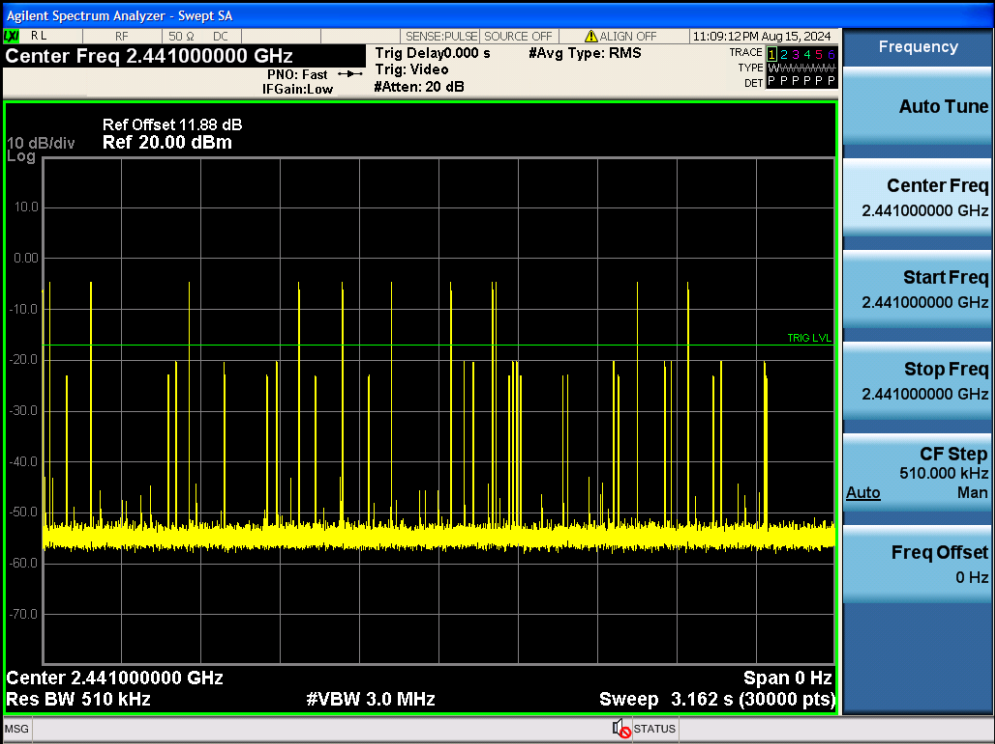
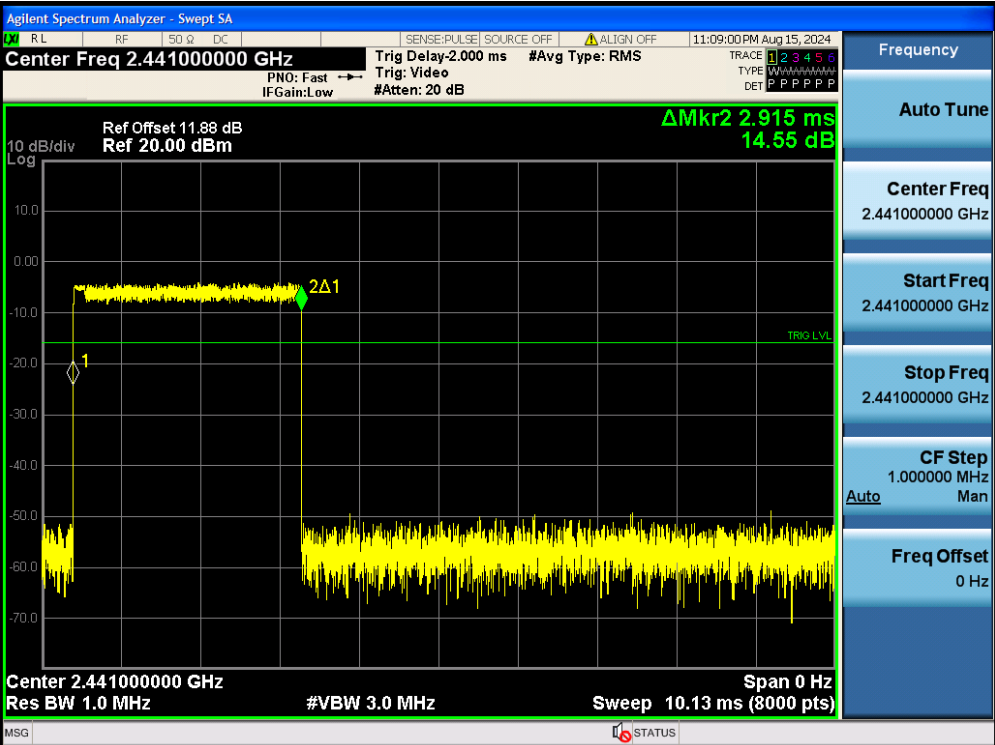
2DH1-Ant1-Hop-PASS



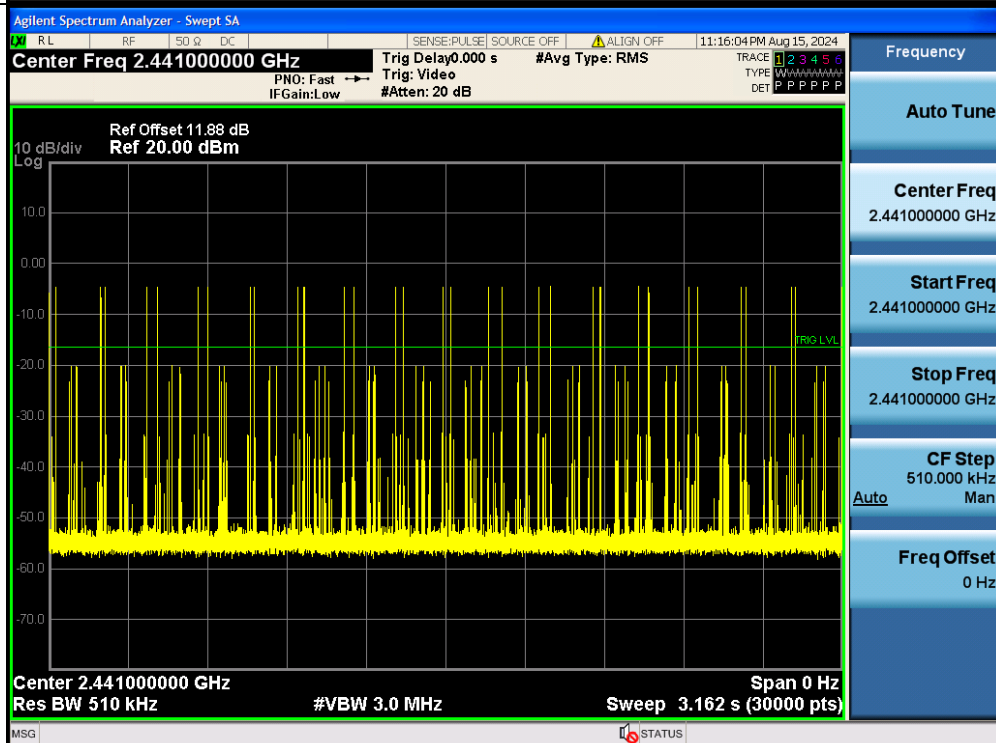
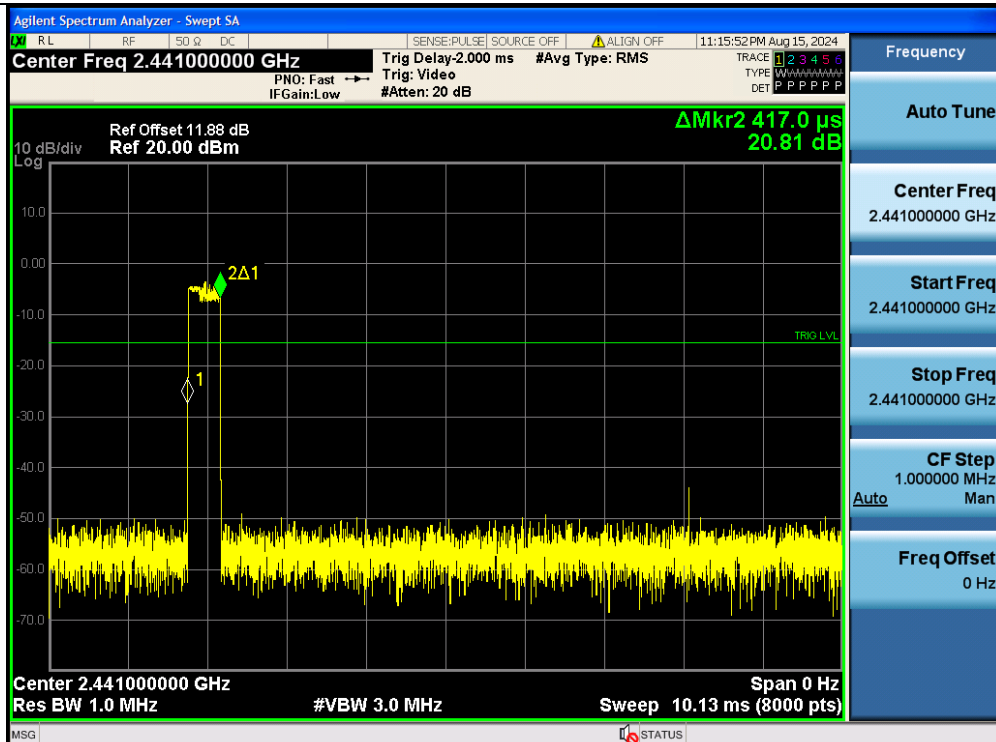
2DH3-Ant1-Hop-PASS



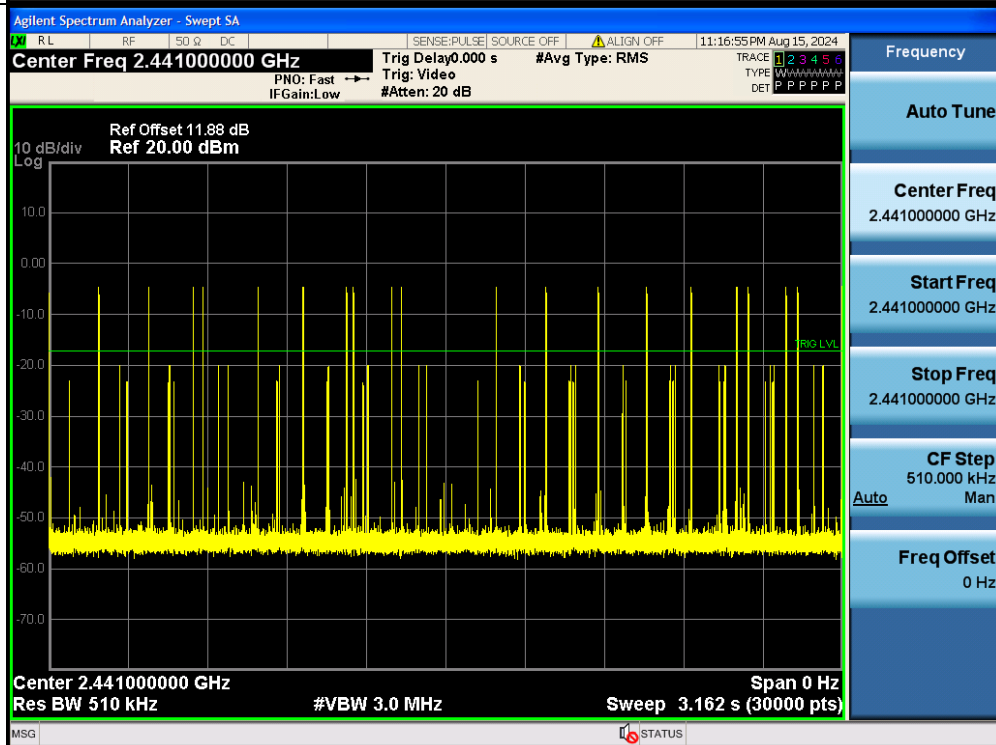
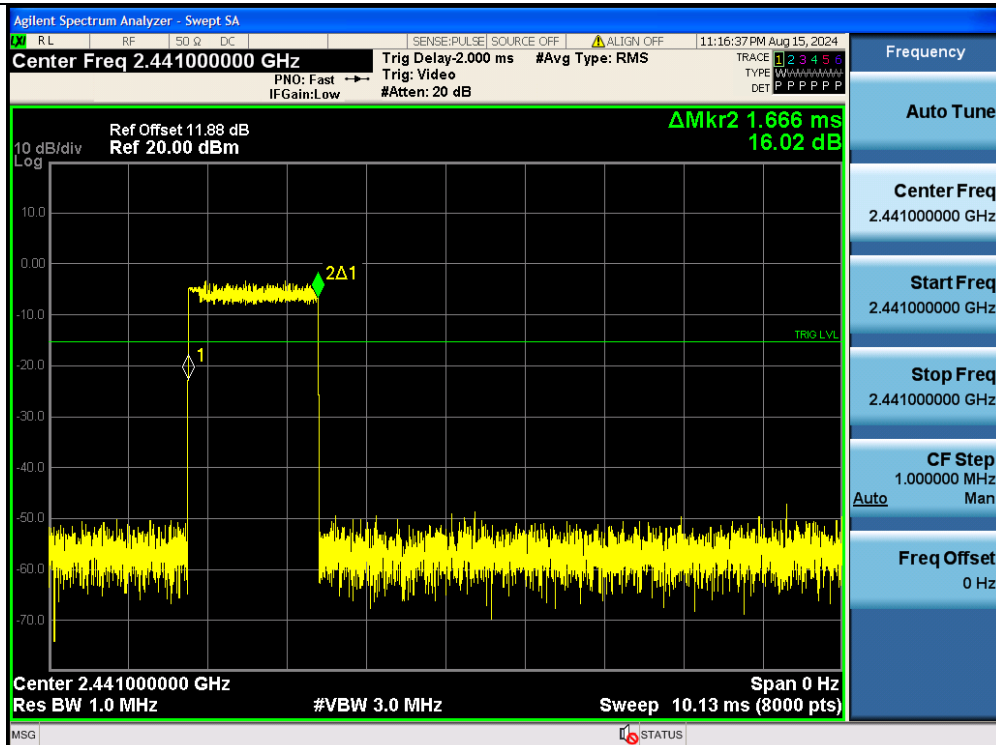
2DH5-Ant1-Hop-PASS



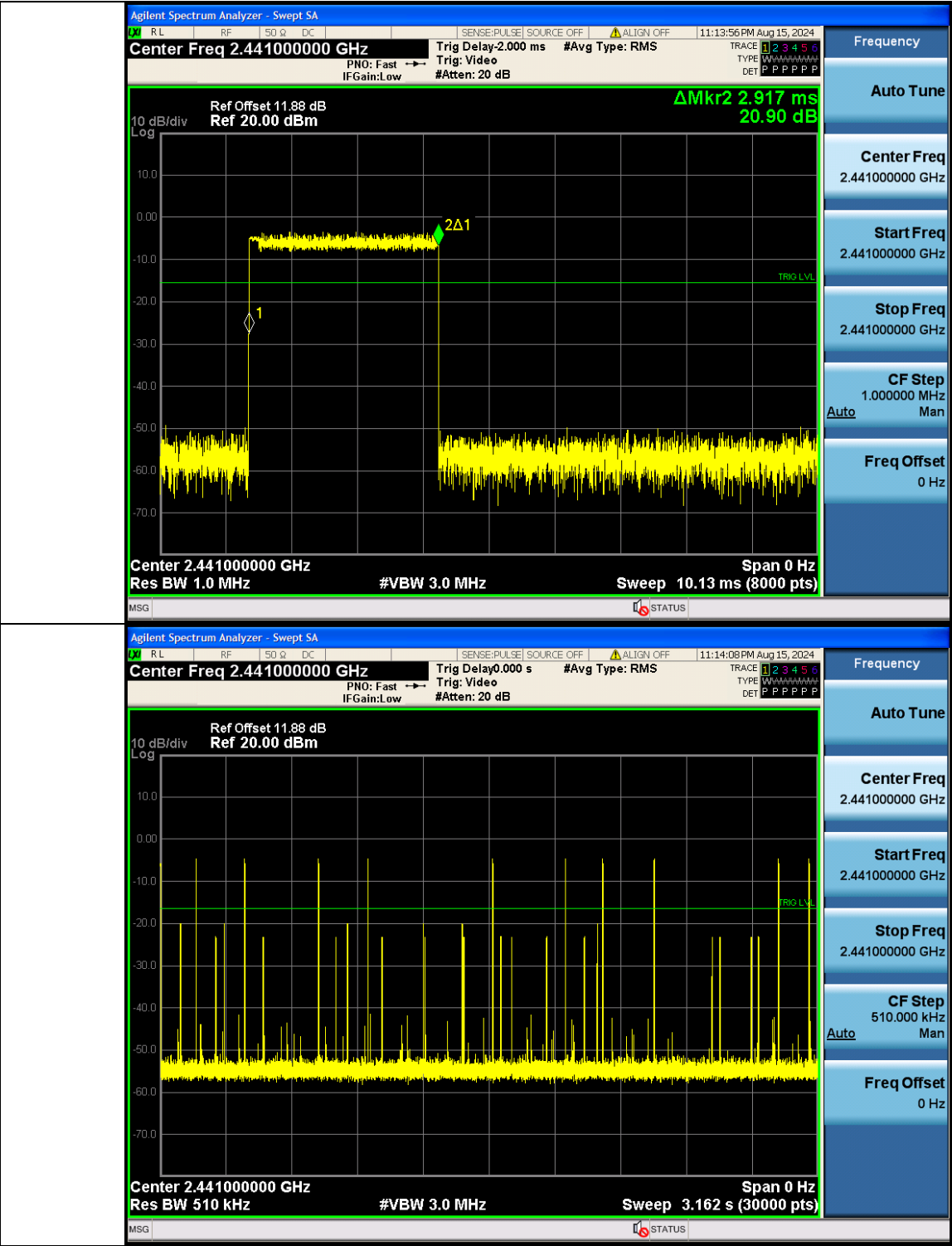
3DH1-Ant1-Hop-PASS



3DH3-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS



Agilent Spectrum Analyzer - Swept SA

RL

RF

50 Ω

DC

SENSE:PULSE

SOURCE OFF

ALIGN OFF

11:14:08 PM Aug 15, 2024

Center Freq 2.441000000 GHz

Trig Delay: 0.000 s

#Avg Type: RMS

TRAC 1 2 3 4 5 6

TYPE W W W W W W W W

DET P P P P P P

PNO: Fast

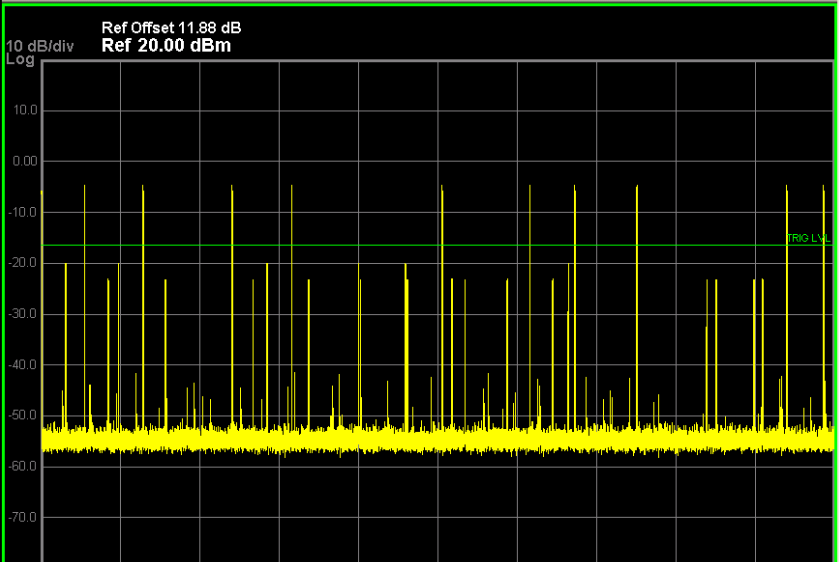
IFGain: Low

Trig: Video

#Atten: 20 dB

Ref Offset 11.88 dB

Ref 20.00 dBm



Center 2.441000000 GHz

Res BW 510 kHz

#VBW 3.0 MHz

Sweep 3.162 s (30000 pts)

Span 0 Hz

MSG

STATUS

Frequency

Auto Tune

Center Freq
2.441000000 GHz

Start Freq
2.441000000 GHz

Stop Freq
2.441000000 GHz

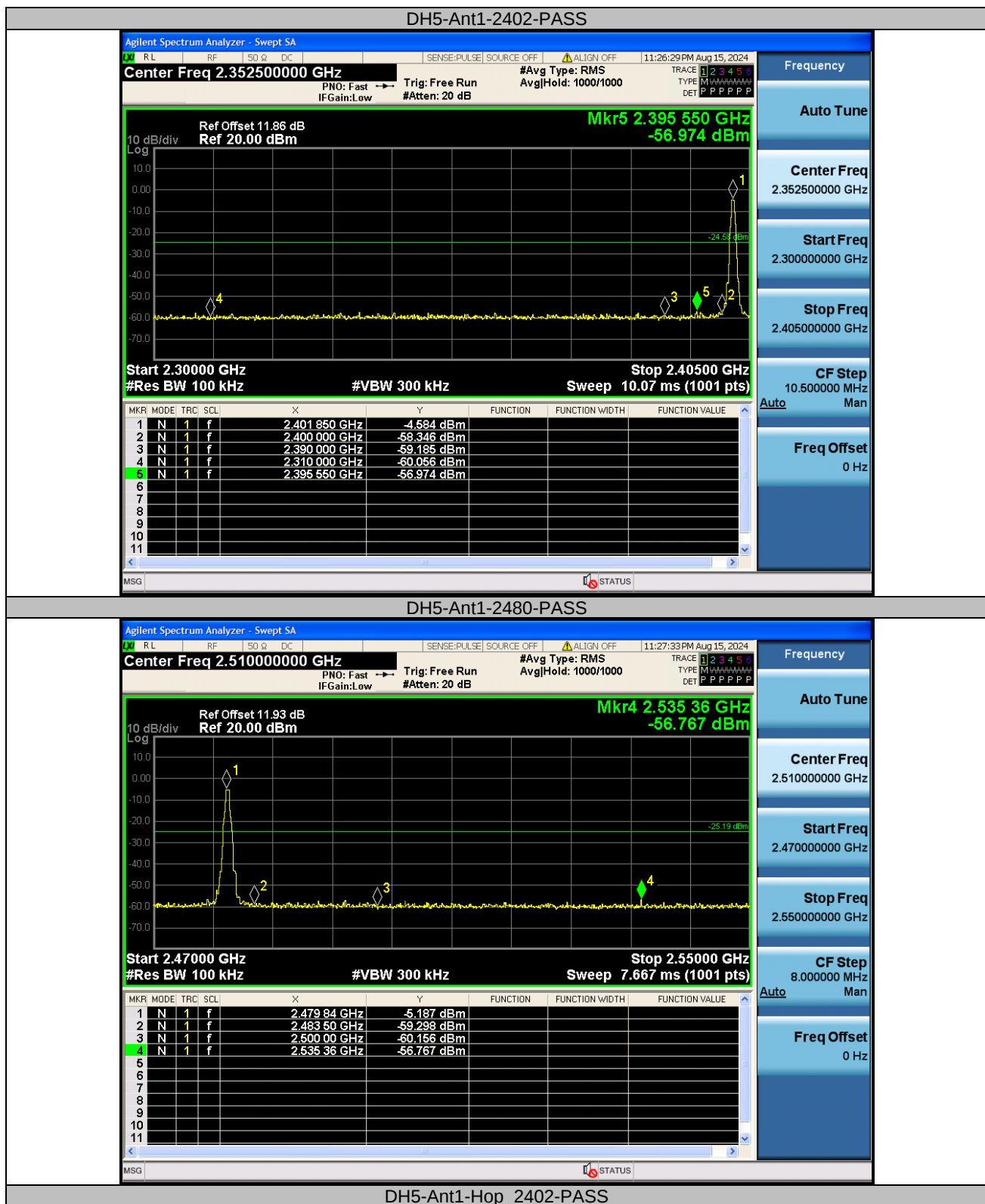
CF Step
510.000 kHz
Auto Man

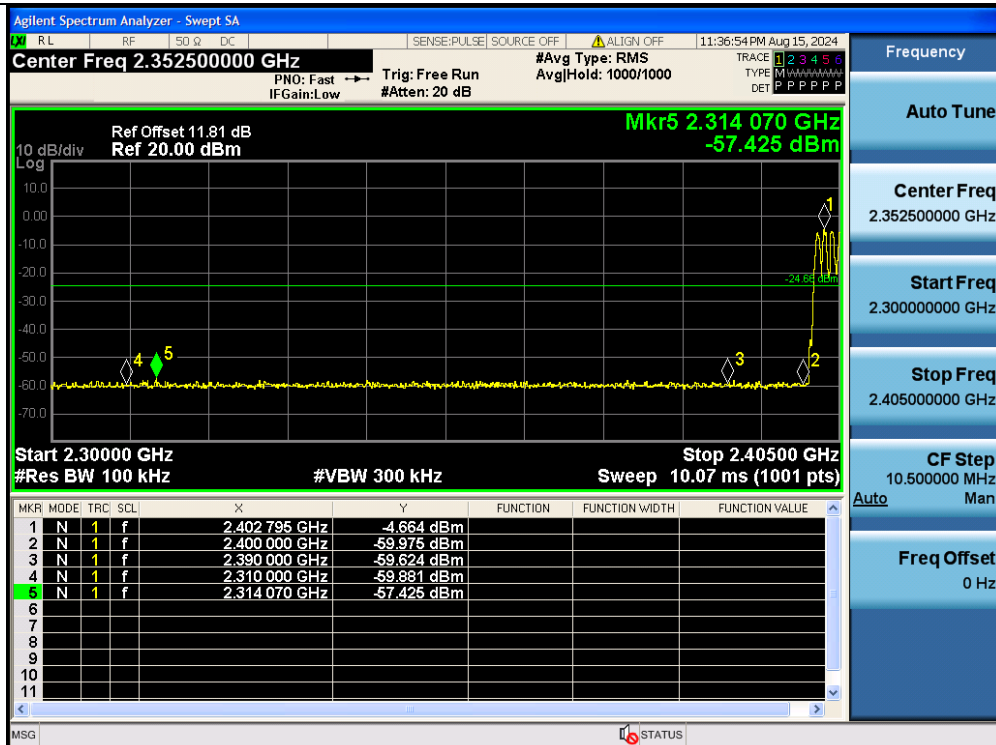
Freq Offset
0 Hz

Appendix A.6: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

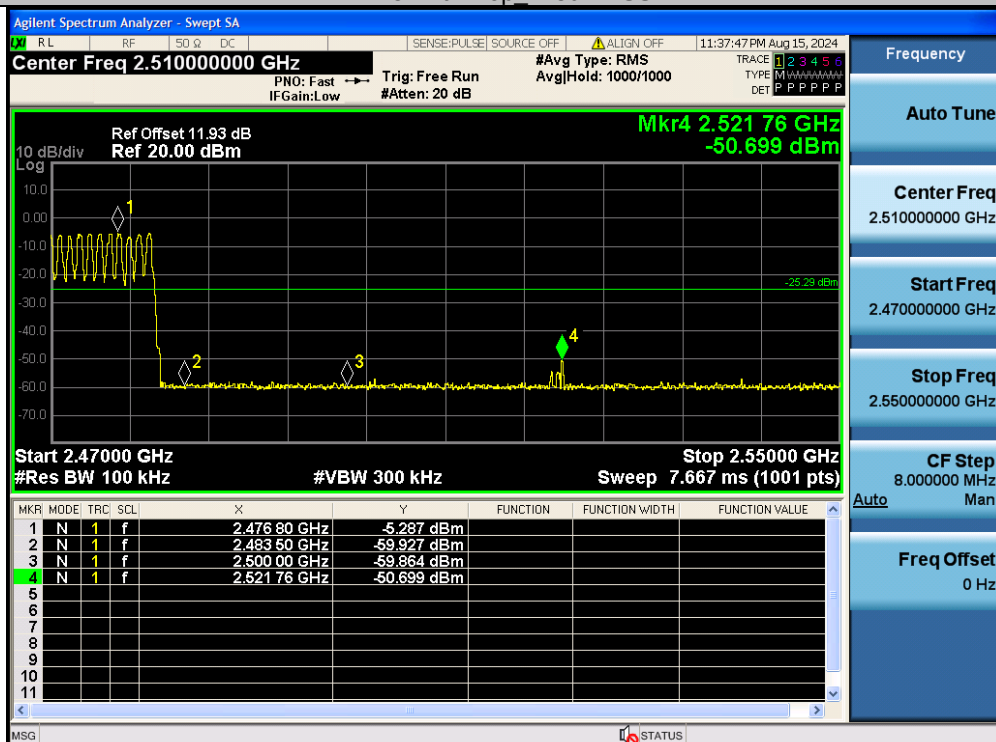
Band Edge

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-4.58	-56.97	≤-24.58	PASS
DH5	Ant1	High	2480	-5.19	-56.77	≤-25.19	PASS
DH5	Ant1	Low	Hop_2402	-4.66	-57.43	≤-24.66	PASS
DH5	Ant1	High	Hop_2480	-5.29	-50.7	≤-25.29	PASS
2DH5	Ant1	Low	2402	-4.62	-53.98	≤-24.62	PASS
2DH5	Ant1	High	2480	-5.22	-38.91	≤-25.22	PASS
2DH5	Ant1	Low	Hop_2402	-4.72	-55.35	≤-24.72	PASS
2DH5	Ant1	High	Hop_2480	-5.24	-52.09	≤-25.24	PASS
3DH5	Ant1	Low	2402	-4.56	-54.62	≤-24.56	PASS
3DH5	Ant1	High	2480	-5.14	-47.48	≤-25.14	PASS
3DH5	Ant1	Low	Hop_2402	-5.14	-54.61	≤-25.14	PASS
3DH5	Ant1	High	Hop_2480	-5.39	-48.73	≤-25.39	PASS

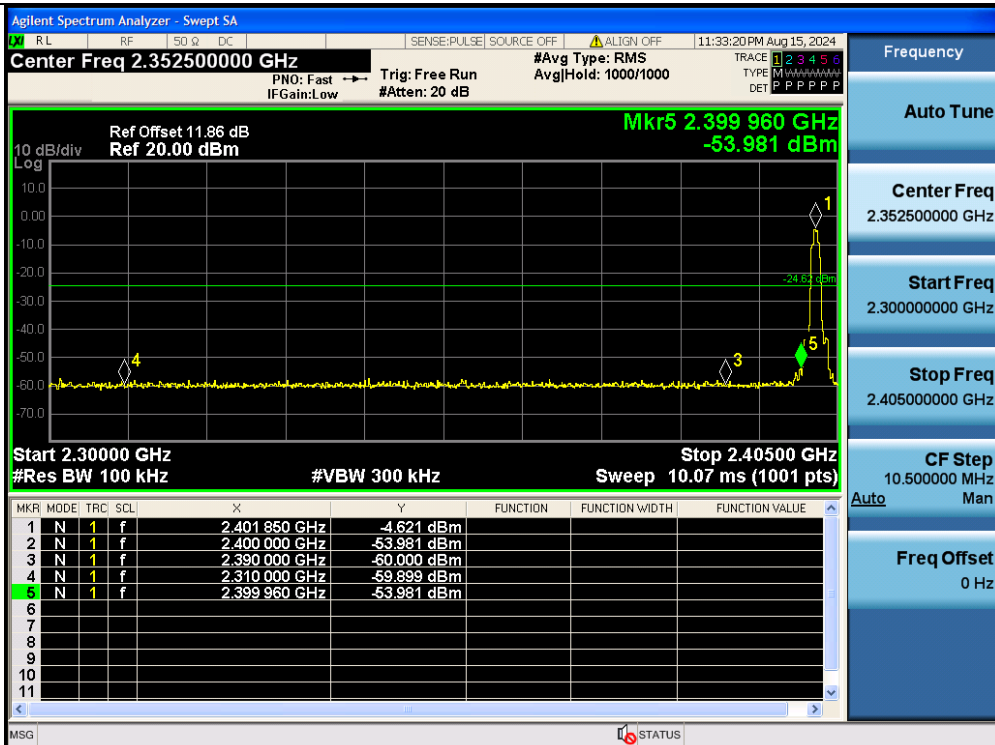




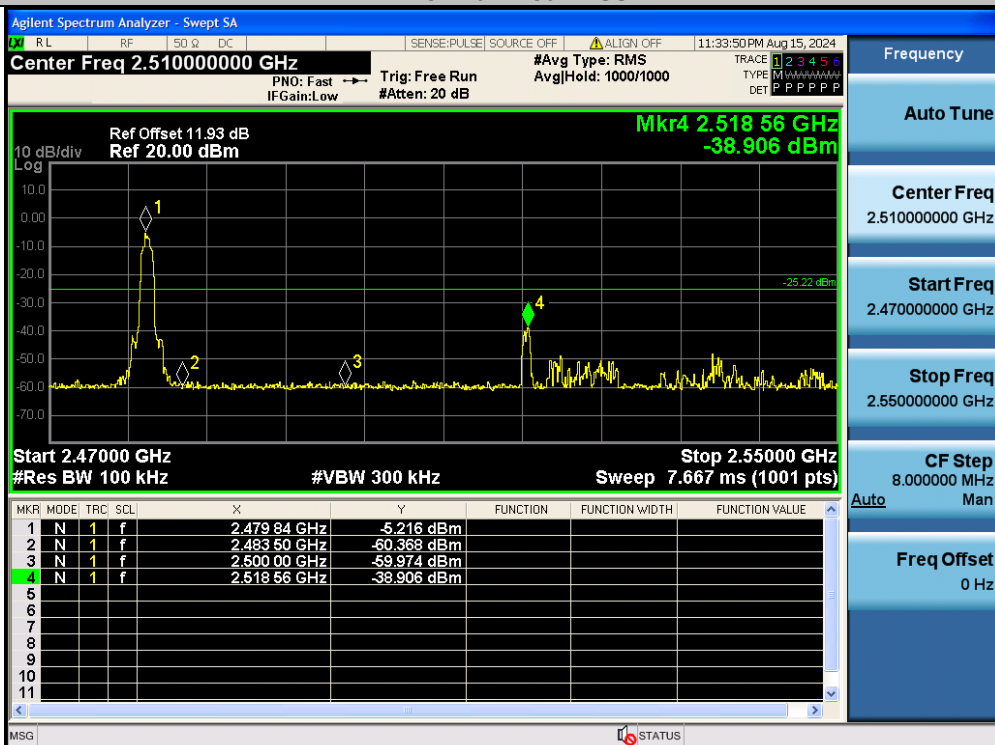
DH5-Ant1-Hop_2480-PASS



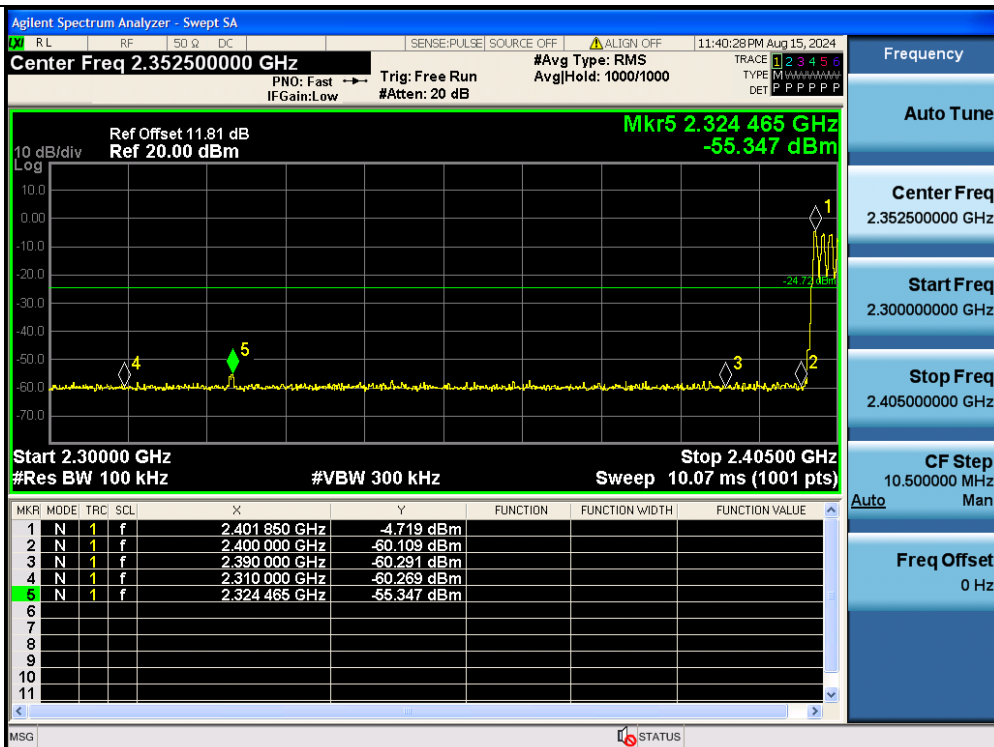
2DH5-Ant1-2402-PASS



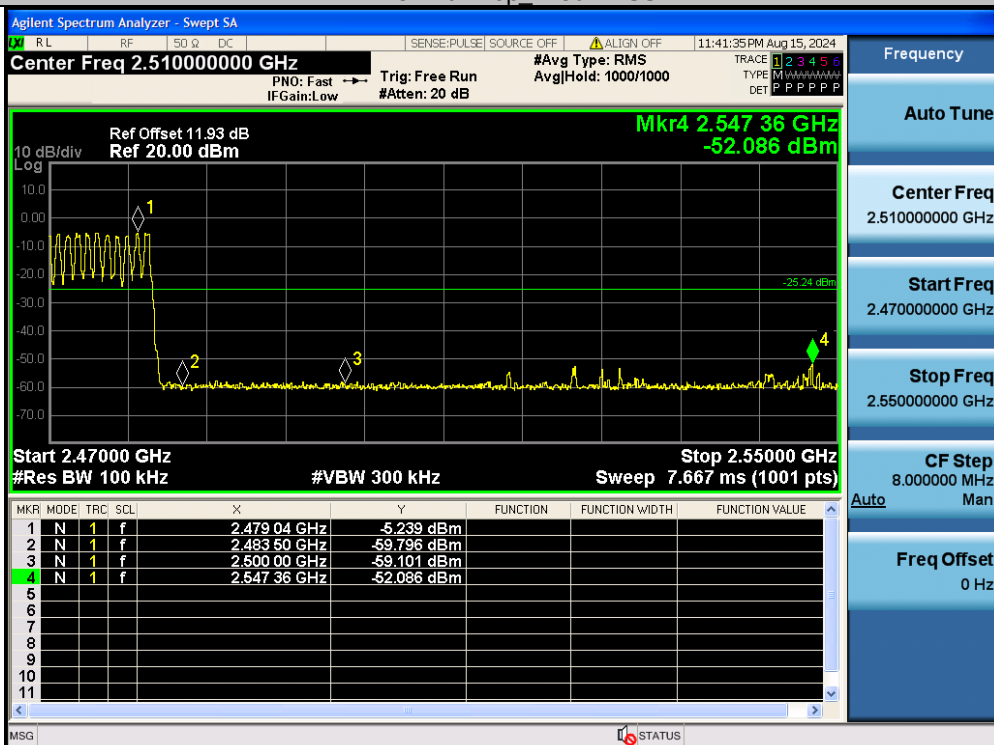
2DH5-Ant1-2480-PASS



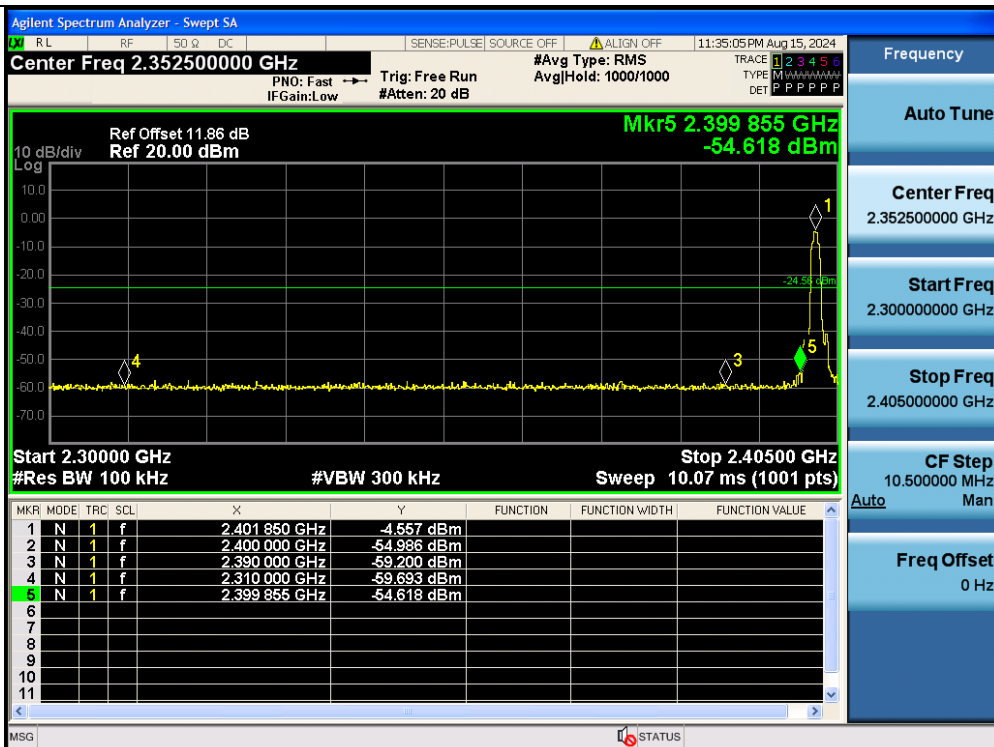
2DH5-Ant1-Hop_2402-PASS



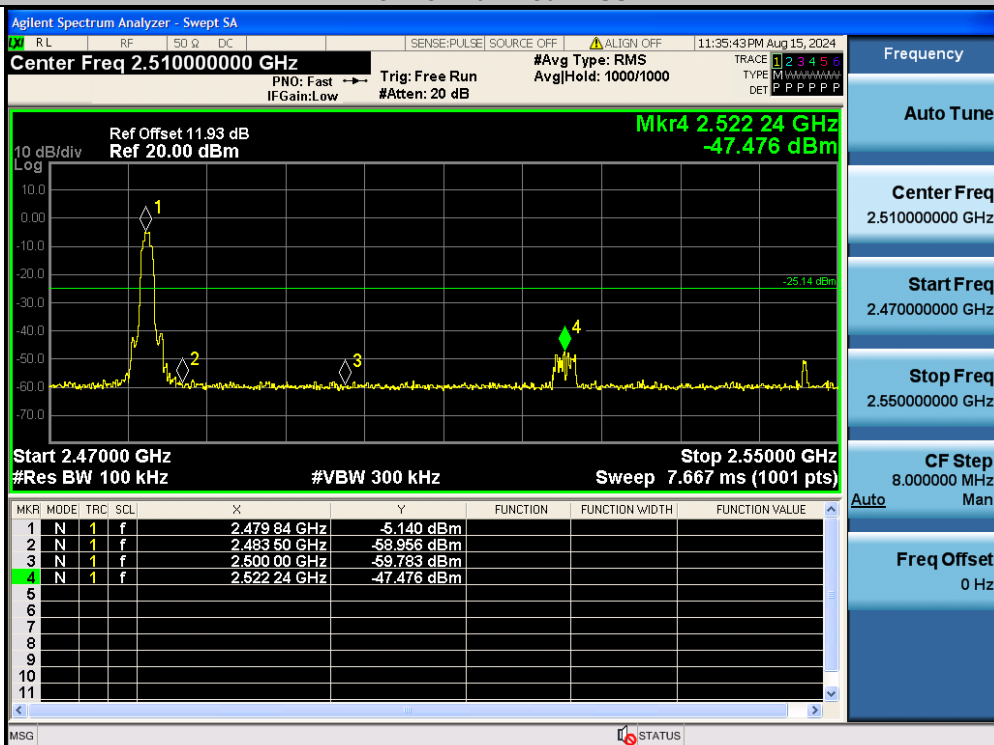
2DH5-Ant1-Hop 2480-PASS



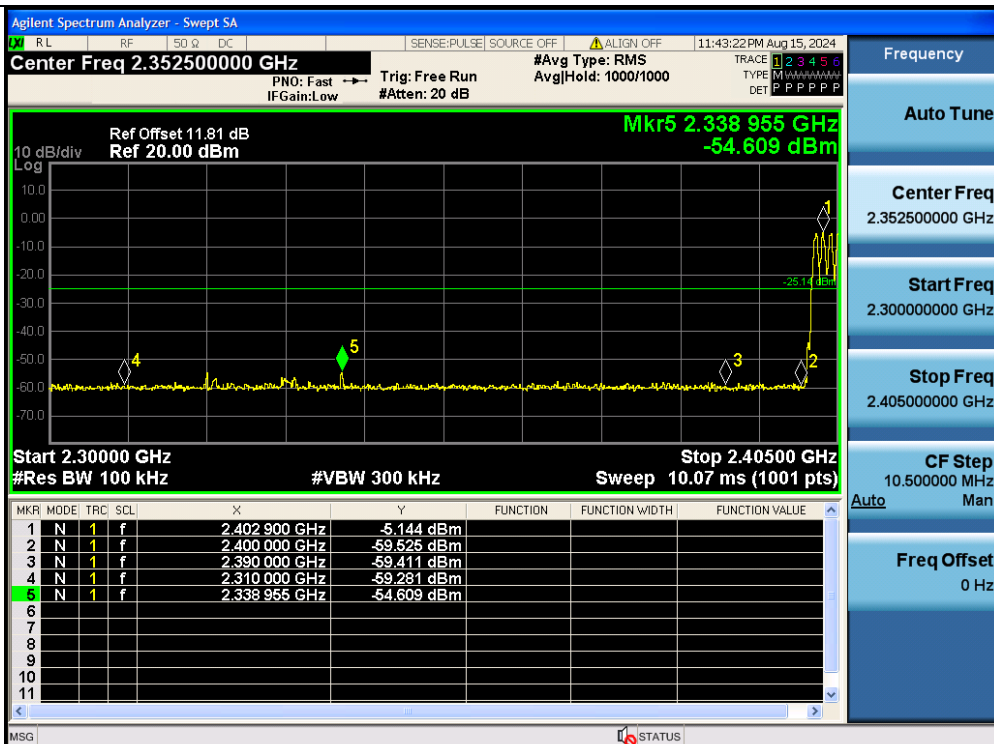
3DH5-Ant1-2402-PASS



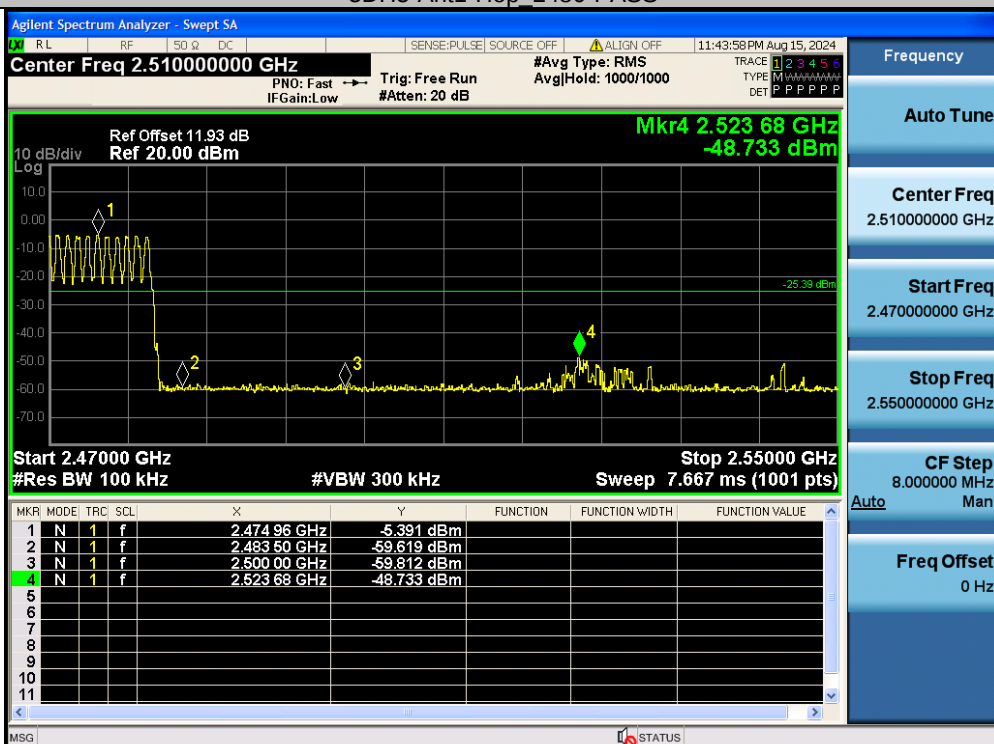
3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS



3DH5-Ant1-Hop 2480-PASS



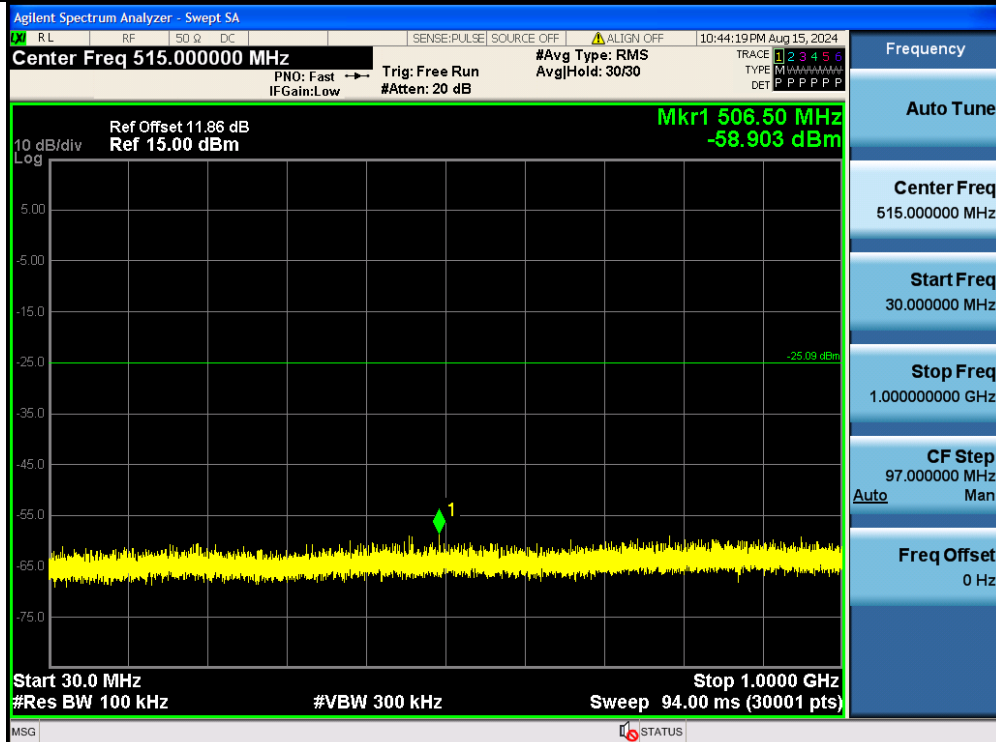
Conducted Spurious Emission

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-5.09	-5.09	---	PASS
DH5	Ant1	2402	30~1000	-5.09	-58.9	≤-25.09	PASS
DH5	Ant1	2402	1000~26500	-5.09	-36.2	≤-25.09	PASS
DH5	Ant1	2441	0~Reference	-5.60	-5.60	---	PASS
DH5	Ant1	2441	30~1000	-5.60	-58.16	≤-25.6	PASS
DH5	Ant1	2441	1000~26500	-5.60	-35.75	≤-25.6	PASS
DH5	Ant1	2480	0~Reference	-5.92	-5.92	---	PASS
DH5	Ant1	2480	30~1000	-5.92	-58.97	≤-25.92	PASS
DH5	Ant1	2480	1000~26500	-5.92	-36.89	≤-25.92	PASS
2DH5	Ant1	2402	0~Reference	-4.80	-4.80	---	PASS
2DH5	Ant1	2402	30~1000	-4.80	-58.93	≤-24.8	PASS
2DH5	Ant1	2402	1000~26500	-4.80	-36.15	≤-24.8	PASS
2DH5	Ant1	2441	0~Reference	-5.50	-5.50	---	PASS
2DH5	Ant1	2441	30~1000	-5.50	-57.49	≤-25.5	PASS
2DH5	Ant1	2441	1000~26500	-5.50	-39.24	≤-25.5	PASS
2DH5	Ant1	2480	0~Reference	-6.08	-6.08	---	PASS
2DH5	Ant1	2480	30~1000	-6.08	-58.43	≤-26.08	PASS
2DH5	Ant1	2480	1000~26500	-6.08	-34.96	≤-26.08	PASS
3DH5	Ant1	2402	0~Reference	-5.55	-5.55	---	PASS
3DH5	Ant1	2402	30~1000	-5.55	-58.64	≤-25.55	PASS
3DH5	Ant1	2402	1000~26500	-5.55	-38.91	≤-25.55	PASS
3DH5	Ant1	2441	0~Reference	-5.50	-5.50	---	PASS
3DH5	Ant1	2441	30~1000	-5.50	-58.54	≤-25.5	PASS
3DH5	Ant1	2441	1000~26500	-5.50	-40.75	≤-25.5	PASS
3DH5	Ant1	2480	0~Reference	-5.21	-5.21	---	PASS
3DH5	Ant1	2480	30~1000	-5.21	-57.87	≤-25.21	PASS
3DH5	Ant1	2480	1000~26500	-5.21	-35.02	≤-25.21	PASS

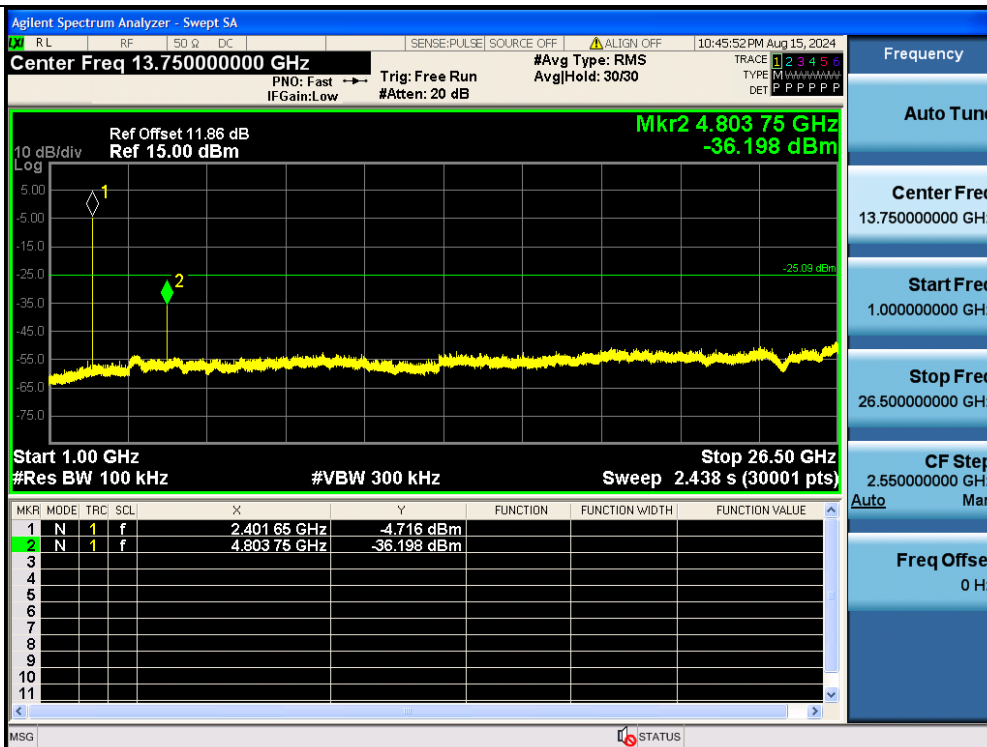
DH5-Ant1-2402-0~Reference-PASS



DH5-Ant1-2402-30~1000-PASS



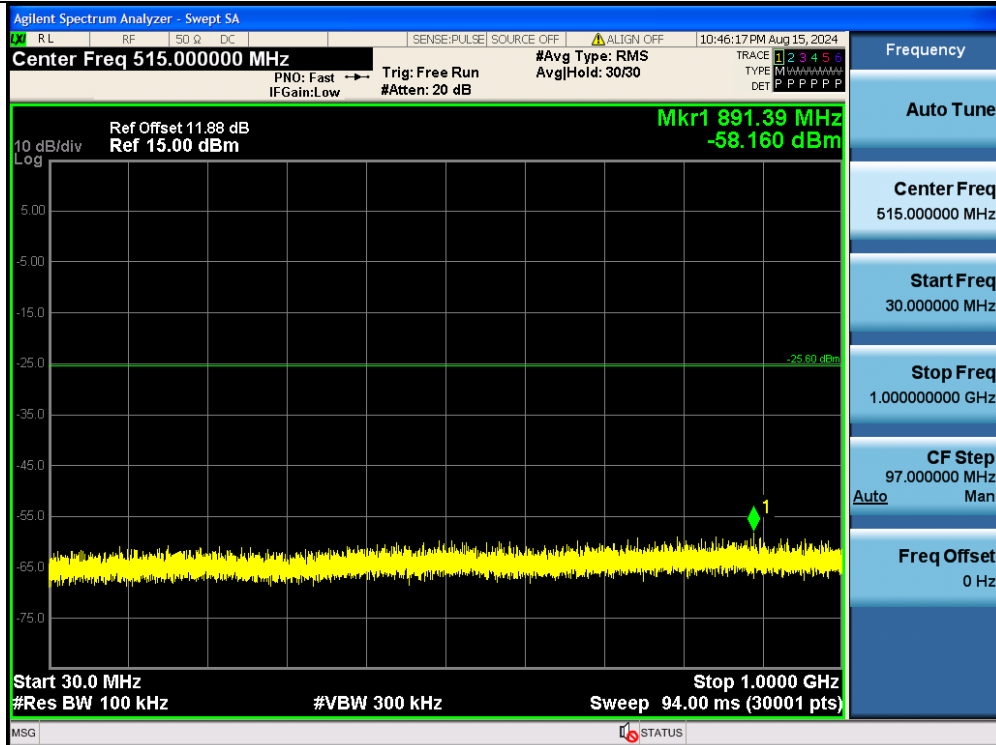
DH5-Ant1-2402-1000~26500-PASS



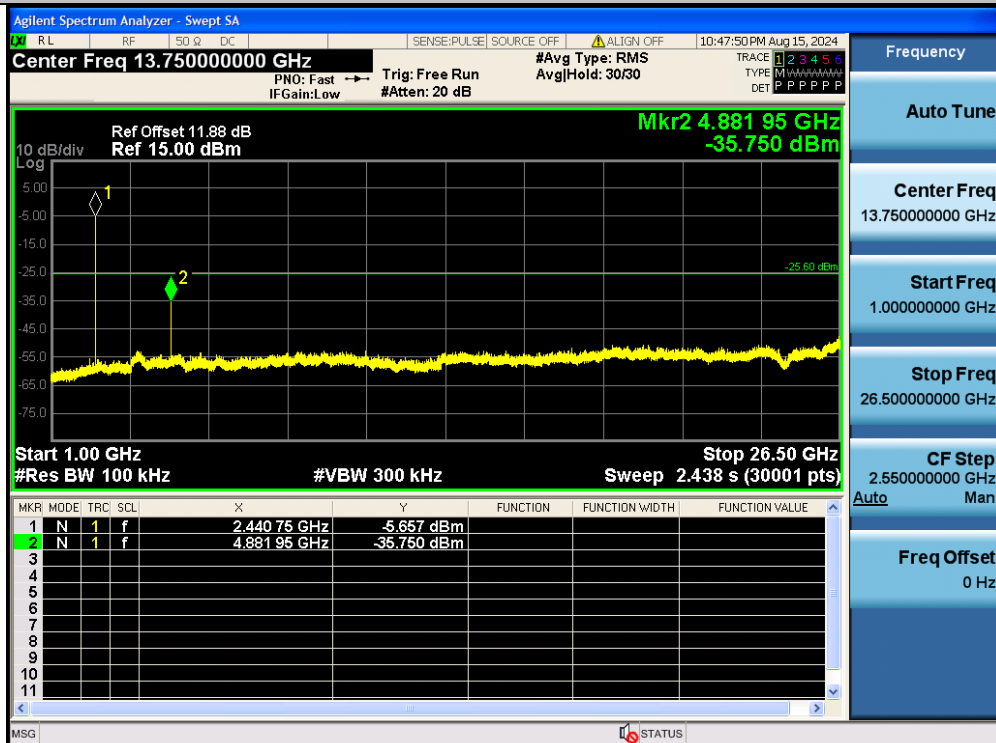
DH5-Ant1-2441-0-Reference-PASS



DH5-Ant1-2441-30~1000-PASS



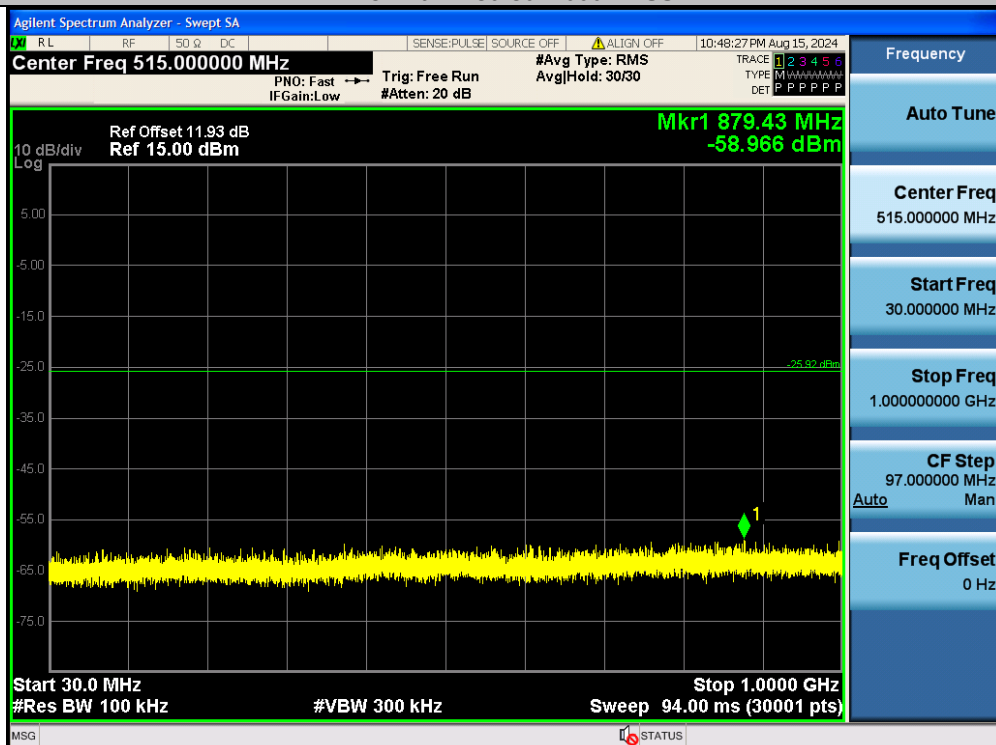
DH5-Ant1-2441-1000-26500-PASS



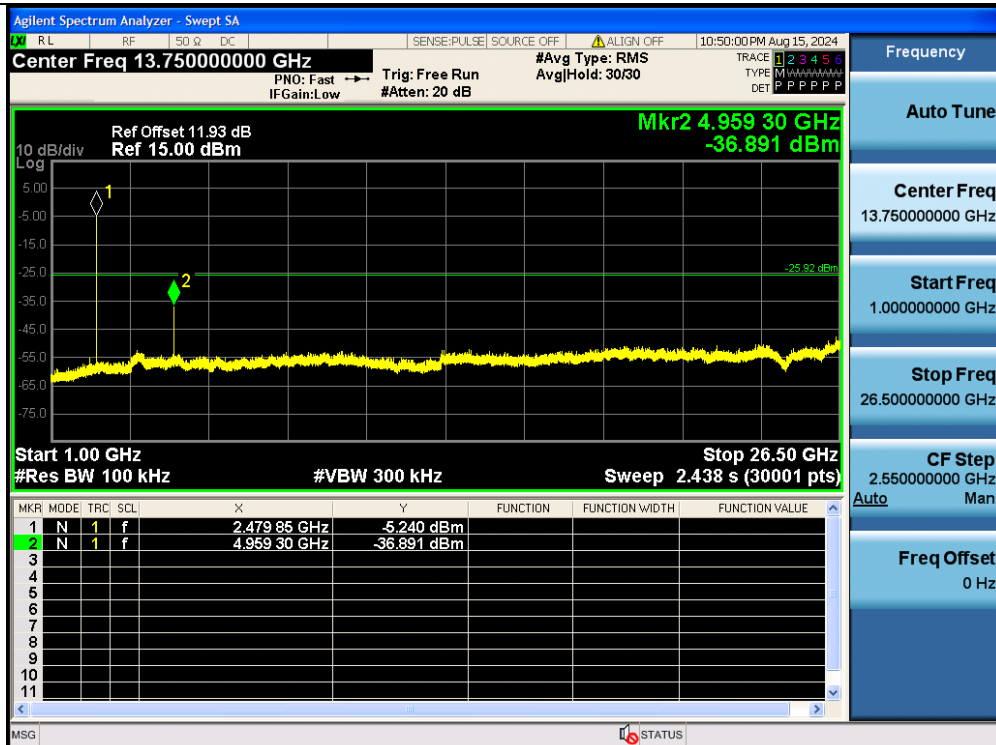
DH5-Ant1-2480-0-Reference-PASS



DH5-Ant1-2480-30~1000-PASS



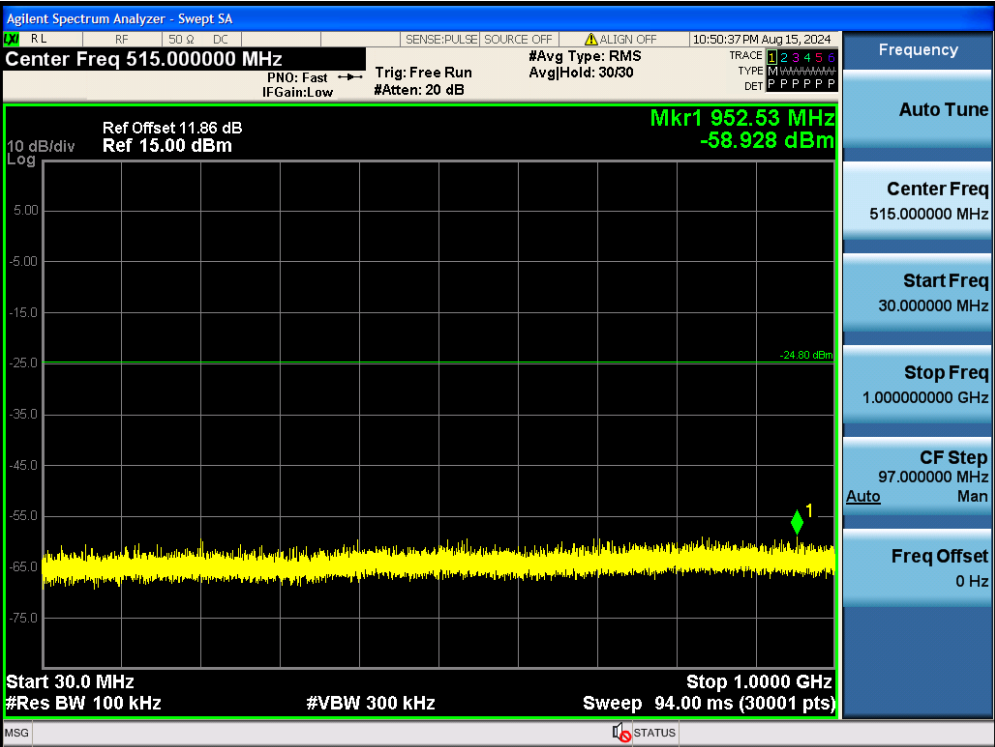
DH5-Ant1-2480-1000~26500-PASS



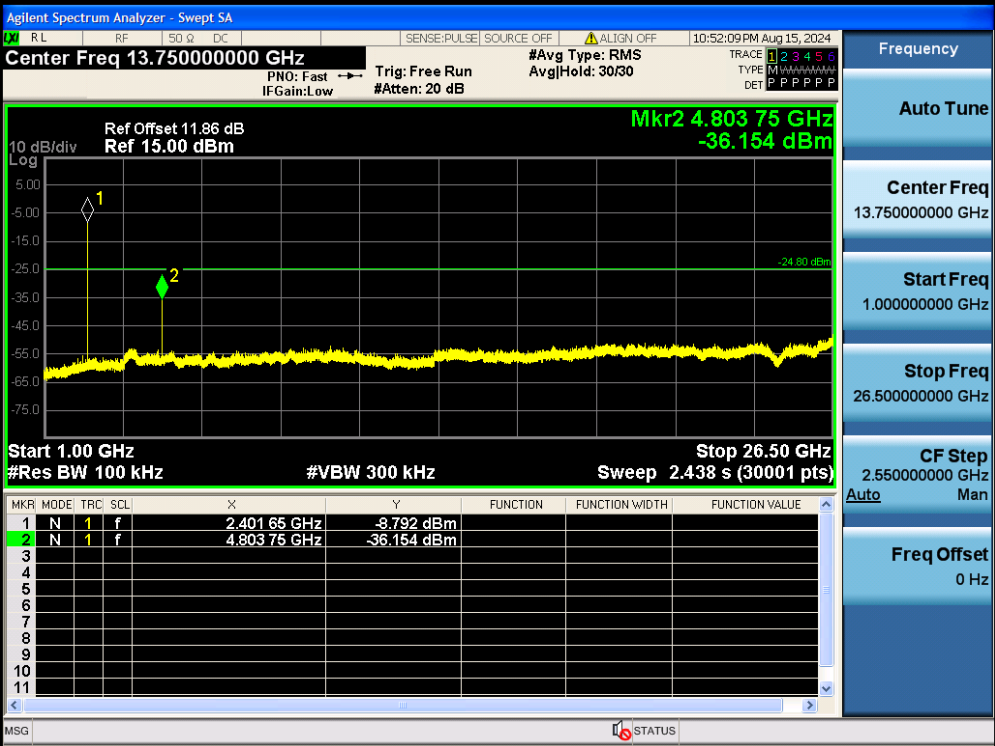
2DH5-Ant1-2402-0~Reference-PASS



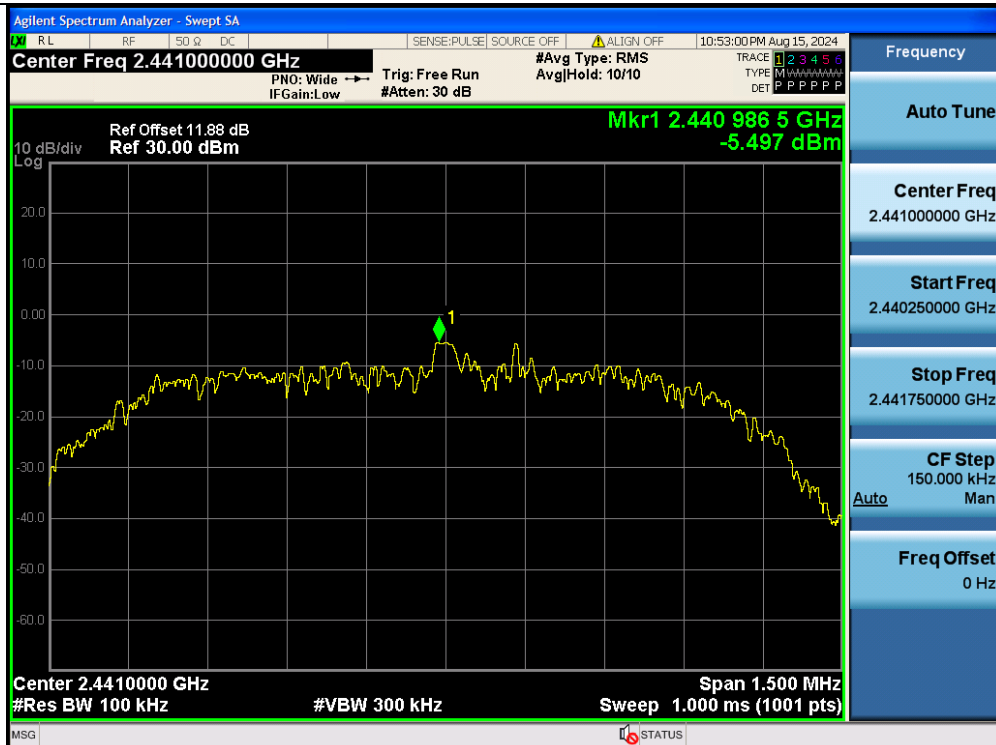
2DH5-Ant1-2402-30~1000-PASS



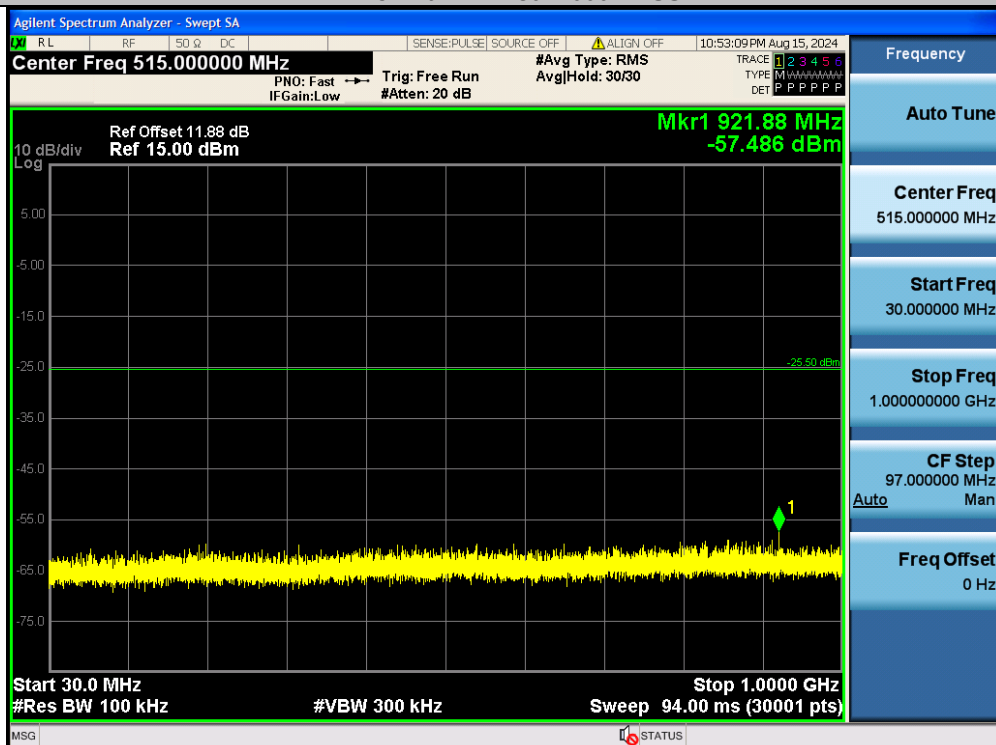
2DH5-Ant1-2402-1000~26500-PASS



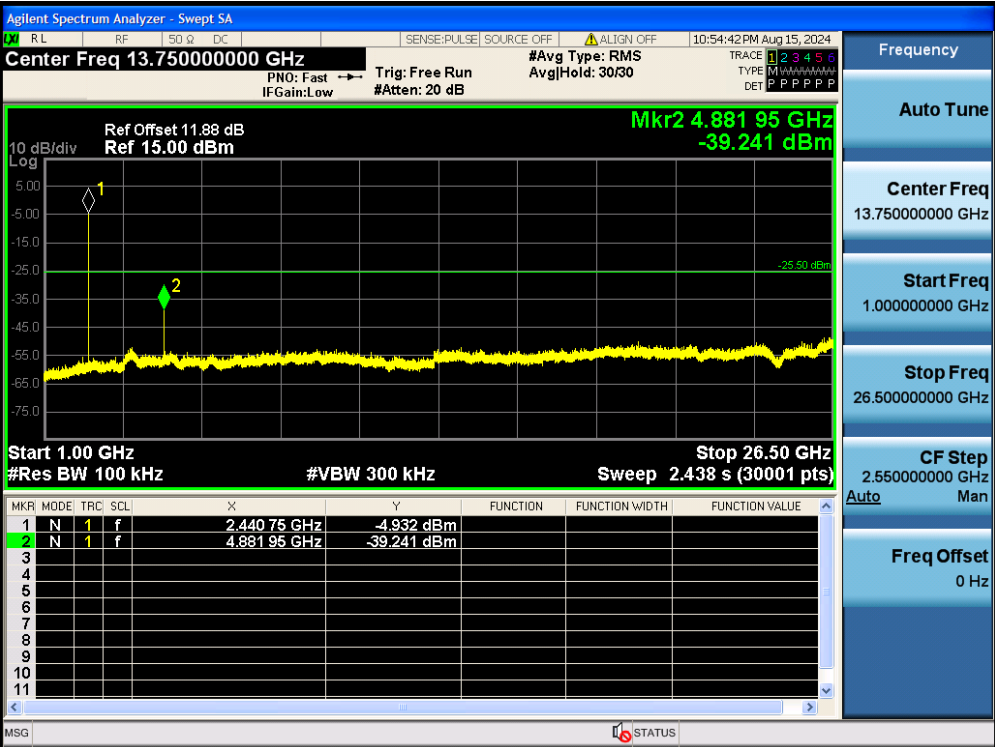
2DH5-Ant1-2441-0~Reference-PASS



2DH5-Ant1-2441-30-1000-PASS



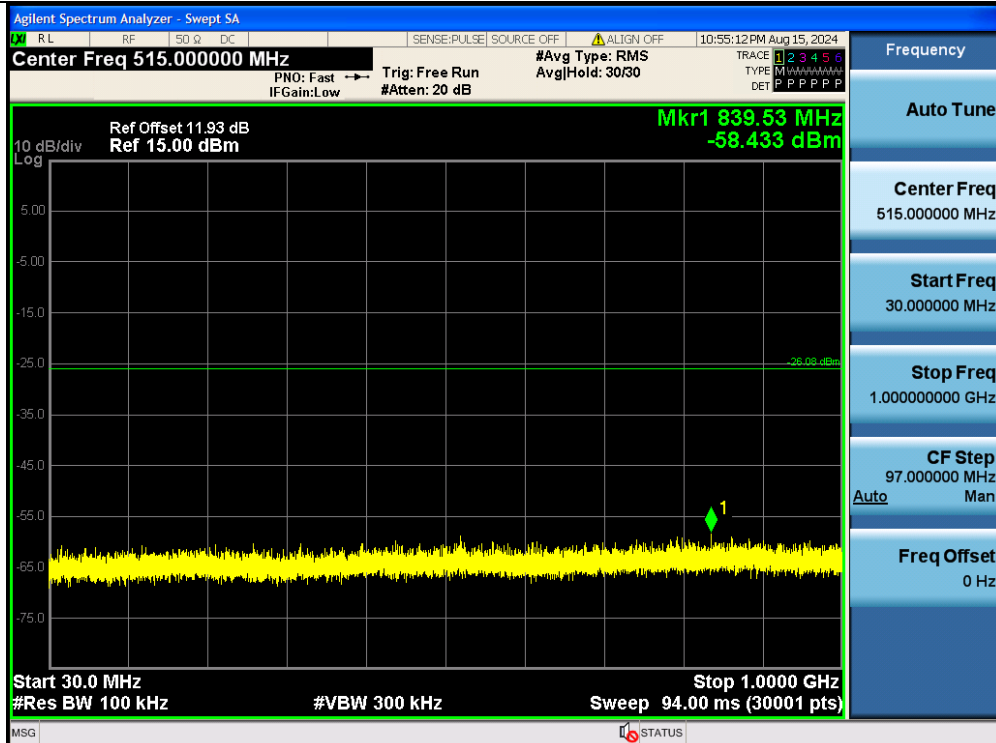
2DH5-Ant1-2441-1000-26500-PASS



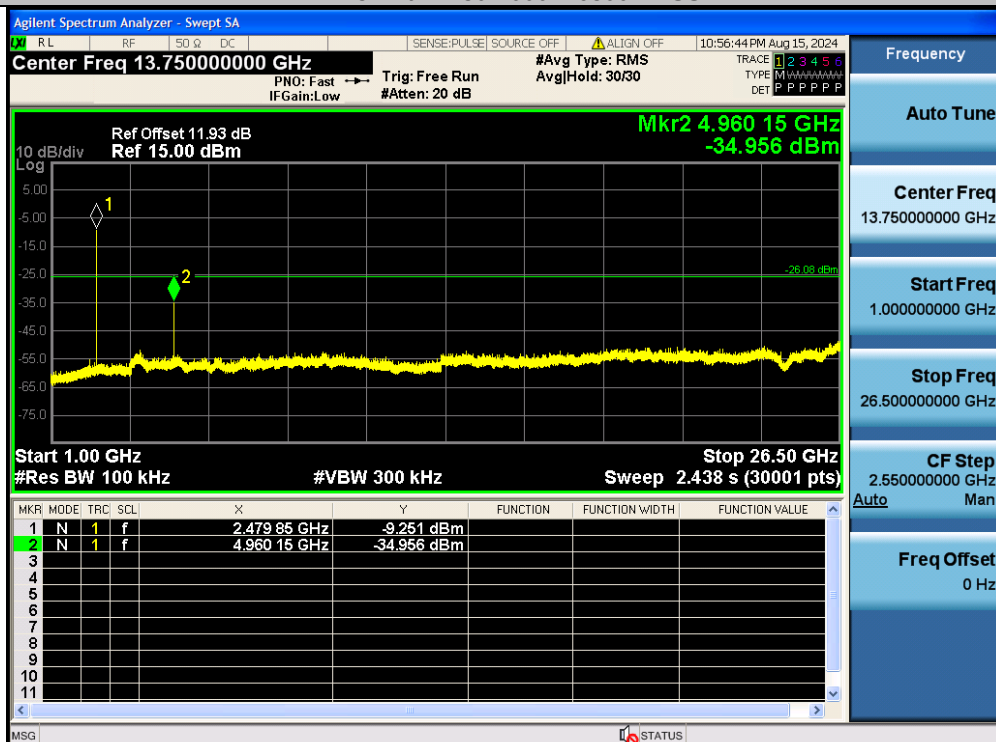
2DH5-Ant1-2480-0~Reference-PASS



2DH5-Ant1-2480-30~1000-PASS



2DH5-Ant1-2480-1000~26500-PASS



3DH5-Ant1-2402-0~Reference-PASS