

Mode3 / Polarization: Vertical / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		4882.000	50.60	-7.84	42.76	74.00	-31.24	peak
2		4882.000	44.49	-7.84	36.65	54.00	-17.35	AVG
3		7323.000	46.64	0.61	47.25	74.00	-26.75	peak
4		7323.000	40.71	0.61	41.32	54.00	-12.68	AVG
5		9764.000	47.66	2.61	50.27	74.00	-23.73	peak
6	*	9764.000	41.64	2.61	44.25	54.00	-9.75	AVG

Mode3 / Polarization: Horizontal / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		4960.000	51.45	-7.73	43.72	74.00	-30.28	peak
2		4960.000	45.38	-7.73	37.65	54.00	-16.35	AVG
3		7440.000	47.24	0.78	48.02	74.00	-25.98	peak
4		7440.000	41.54	0.78	42.32	54.00	-11.68	AVG
5		9920.000	48.30	2.47	50.77	74.00	-23.23	peak
6	*	9920.000	42.22	2.47	44.69	54.00	-9.31	AVG

Mode3 / Polarization: Vertical / CH: H

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		4960.000	51.80	-7.73	44.07	74.00	-29.93	peak
2		4960.000	45.85	-7.73	38.12	54.00	-15.88	AVG
3		7440.000	46.87	0.78	47.65	74.00	-26.35	peak
4		7440.000	40.84	0.78	41.62	54.00	-12.38	AVG
5		9920.000	48.50	2.47	50.97	74.00	-23.03	peak
6	*	9920.000	42.22	2.47	44.69	54.00	-9.31	AVG

Photographs of the test setup

Refer to Appendix - Test Setup Photos

Photographs of the EUT

Refer to Appendix - EUT Photos

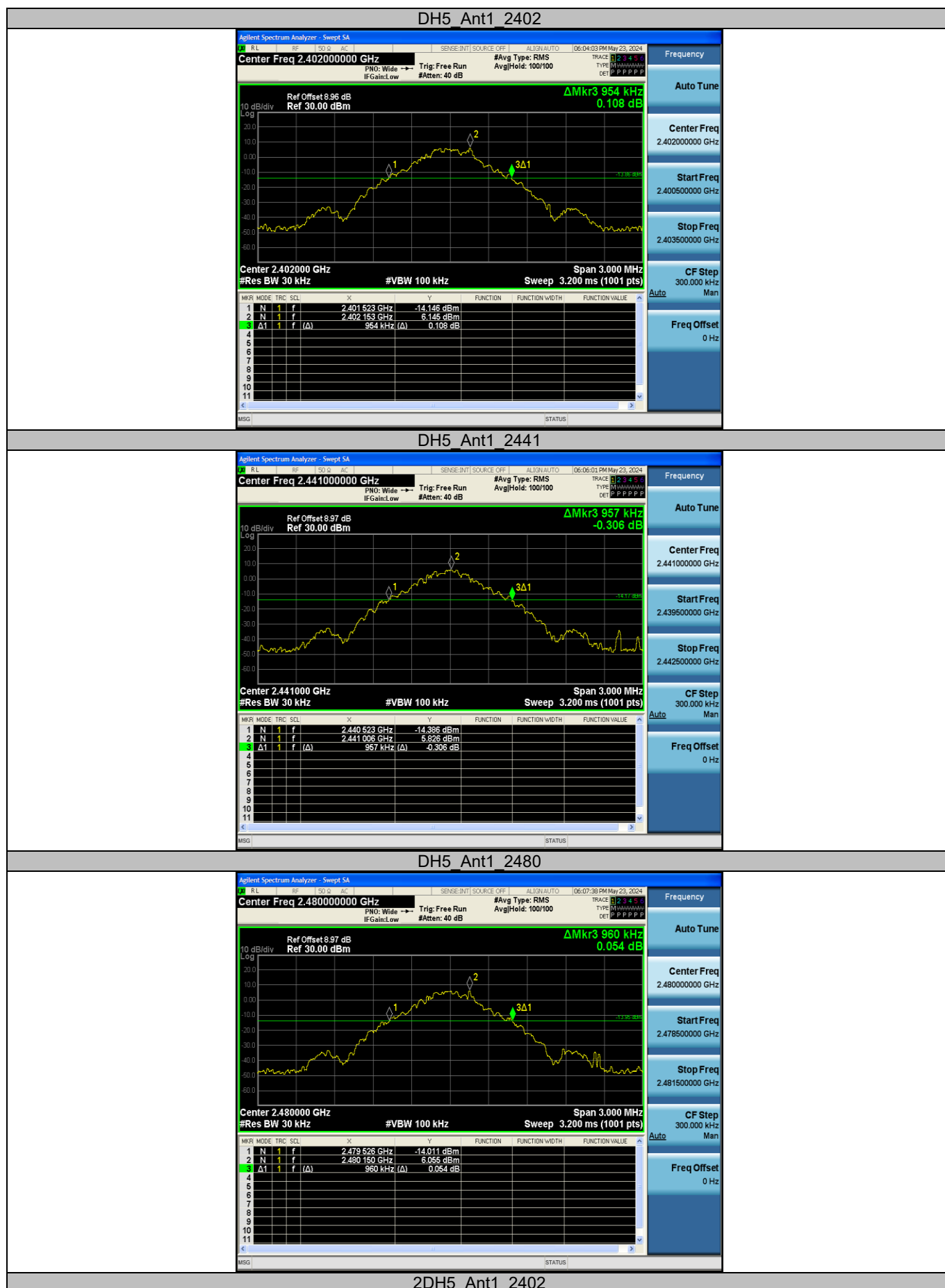
Appendix

Appendix A: 20dB Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW [MHz]
DH5	Ant1	2402	0.954
		2441	0.957
		2480	0.960
2DH5	Ant1	2402	1.338
		2441	1.332
		2480	1.338
3DH5	Ant1	2402	1.314
		2441	1.335
		2480	1.311

Test Graphs





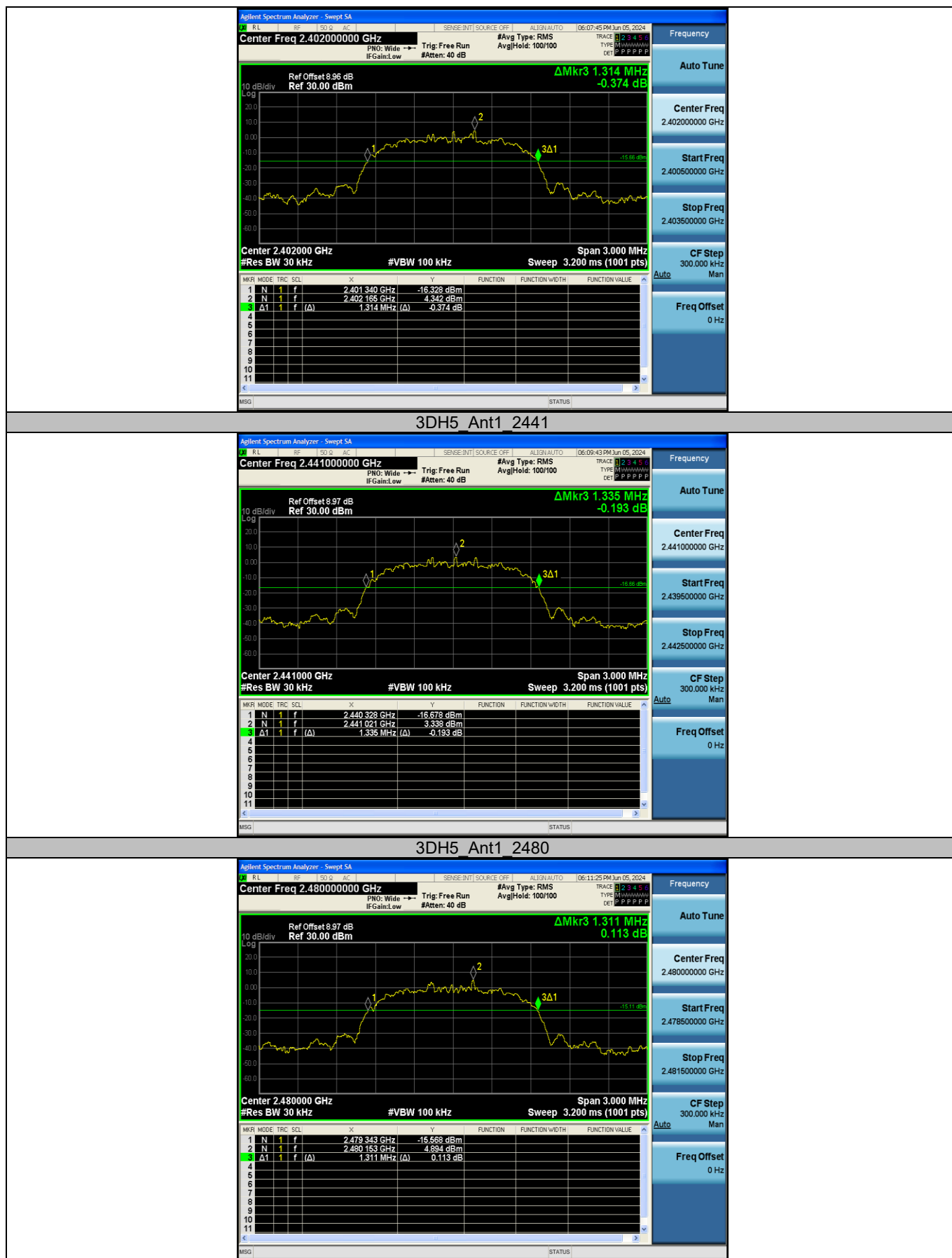
2DH5 Ant1_2441



2DH5 Ant1_2480



3DH5 Ant1_2402

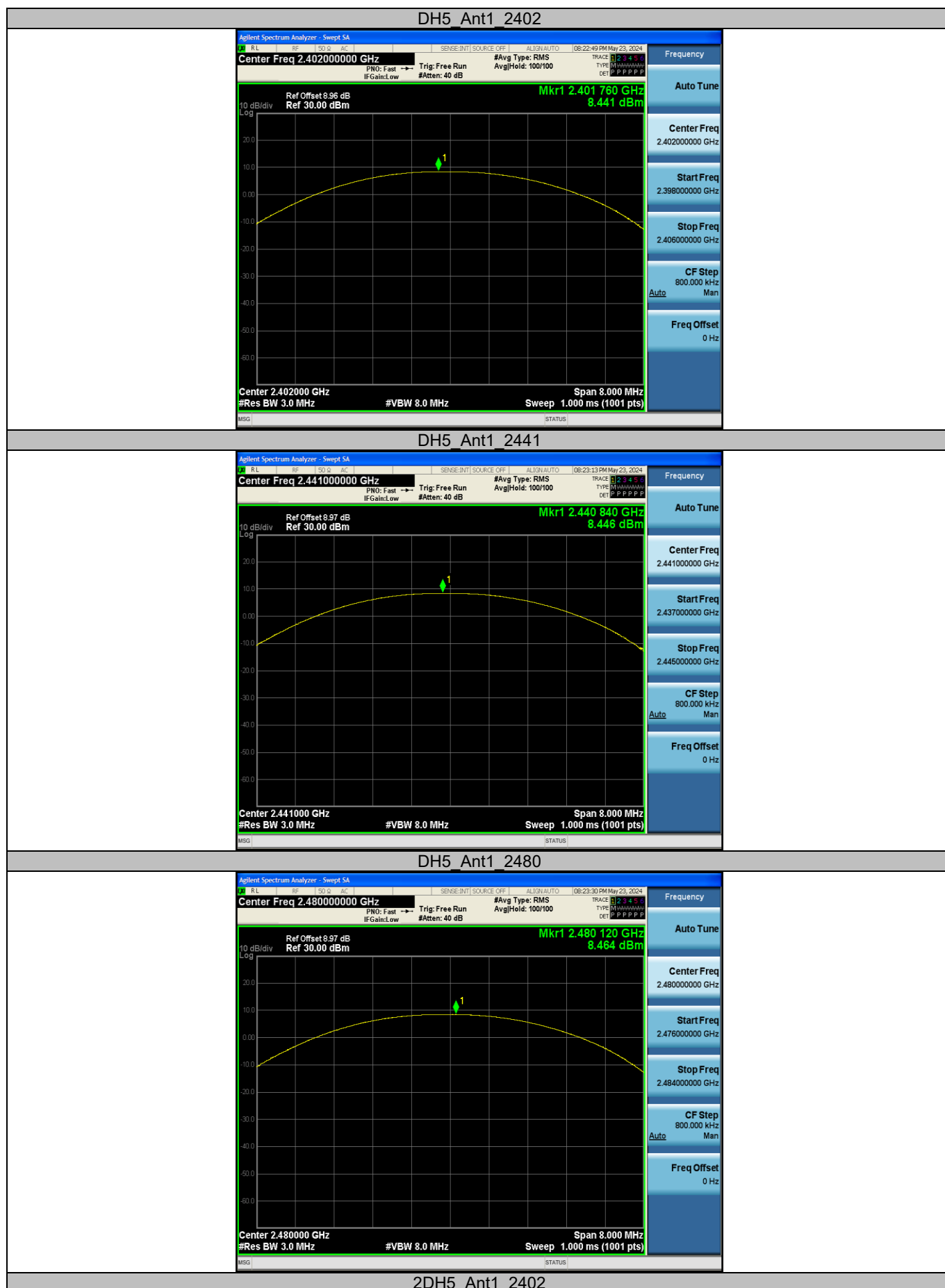


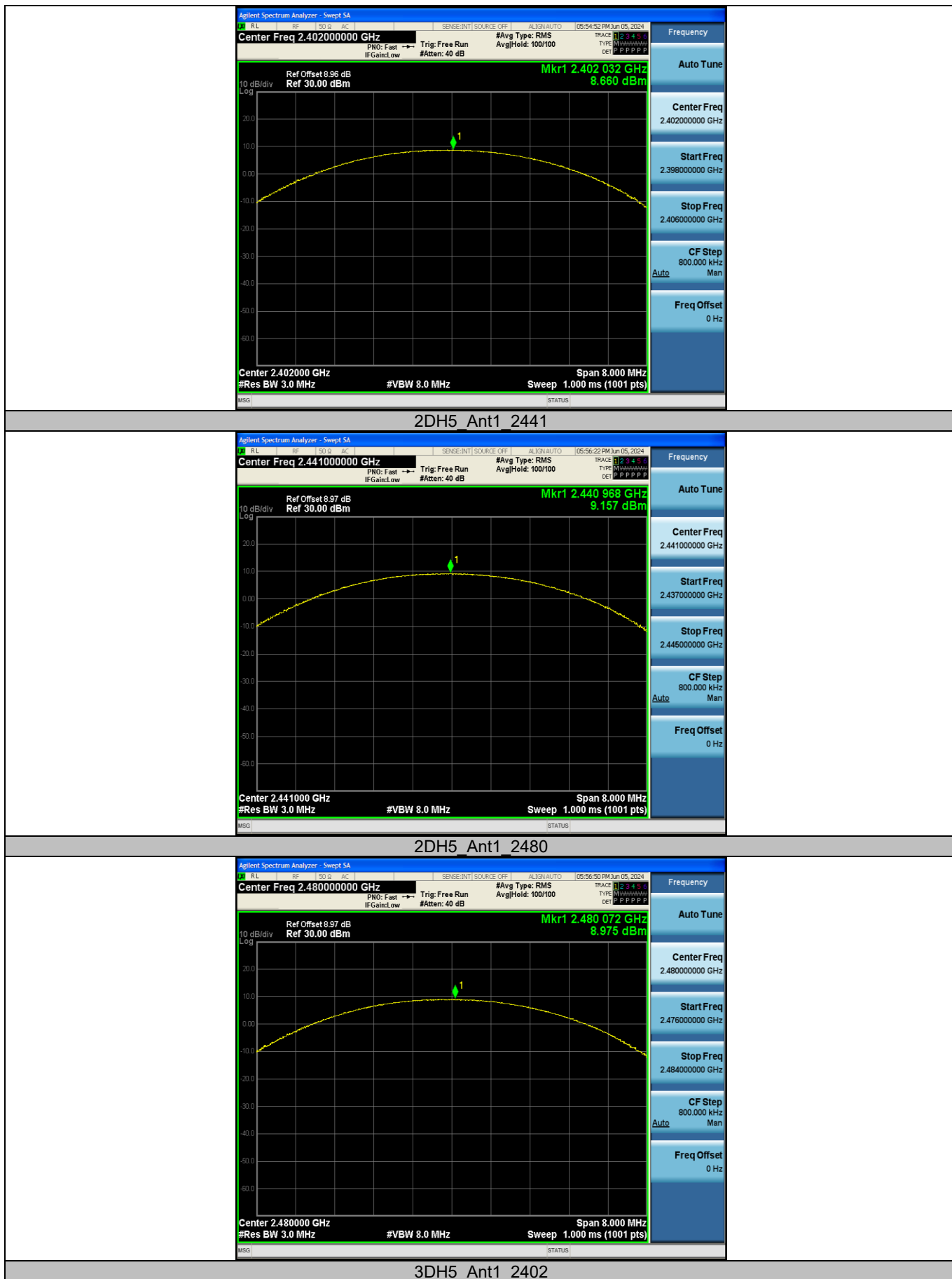
Appendix B: Maximum conducted output power

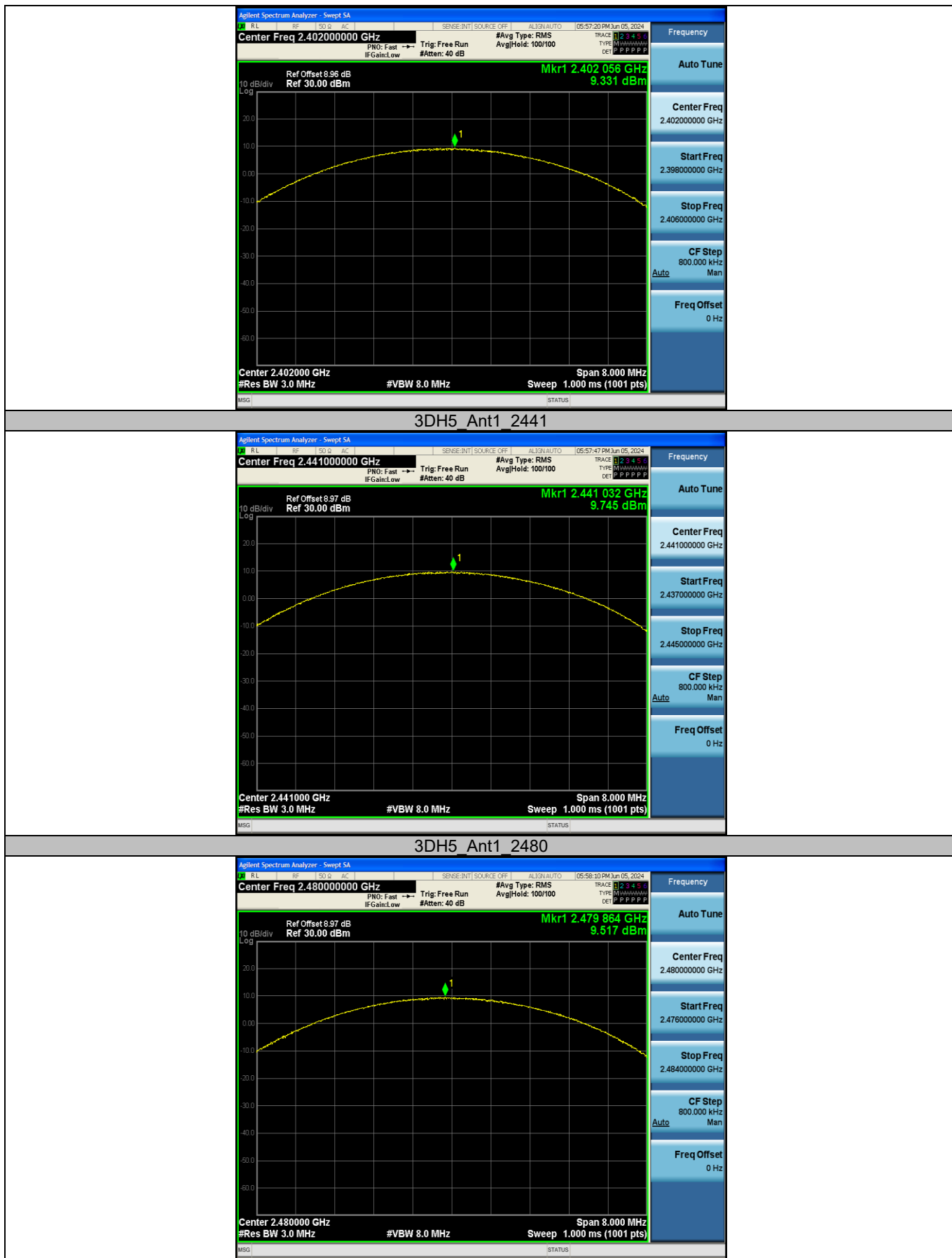
Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	8.44	≤20.97	PASS
		2441	8.45	≤20.97	PASS
		2480	8.46	≤20.97	PASS
2DH5	Ant1	2402	8.66	≤20.97	PASS
		2441	9.16	≤20.97	PASS
		2480	8.98	≤20.97	PASS
3DH5	Ant1	2402	9.33	≤20.97	PASS
		2441	9.75	≤20.97	PASS
		2480	9.52	≤20.97	PASS

Test Graphs







Appendix C: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	0.998	≥ 0.960	PASS
2DH5	Ant1	Hop	0.988	≥ 0.892	PASS
3DH5	Ant1	Hop	1.008	≥ 0.890	PASS

Test Graphs



Appendix D: Time of occupancy

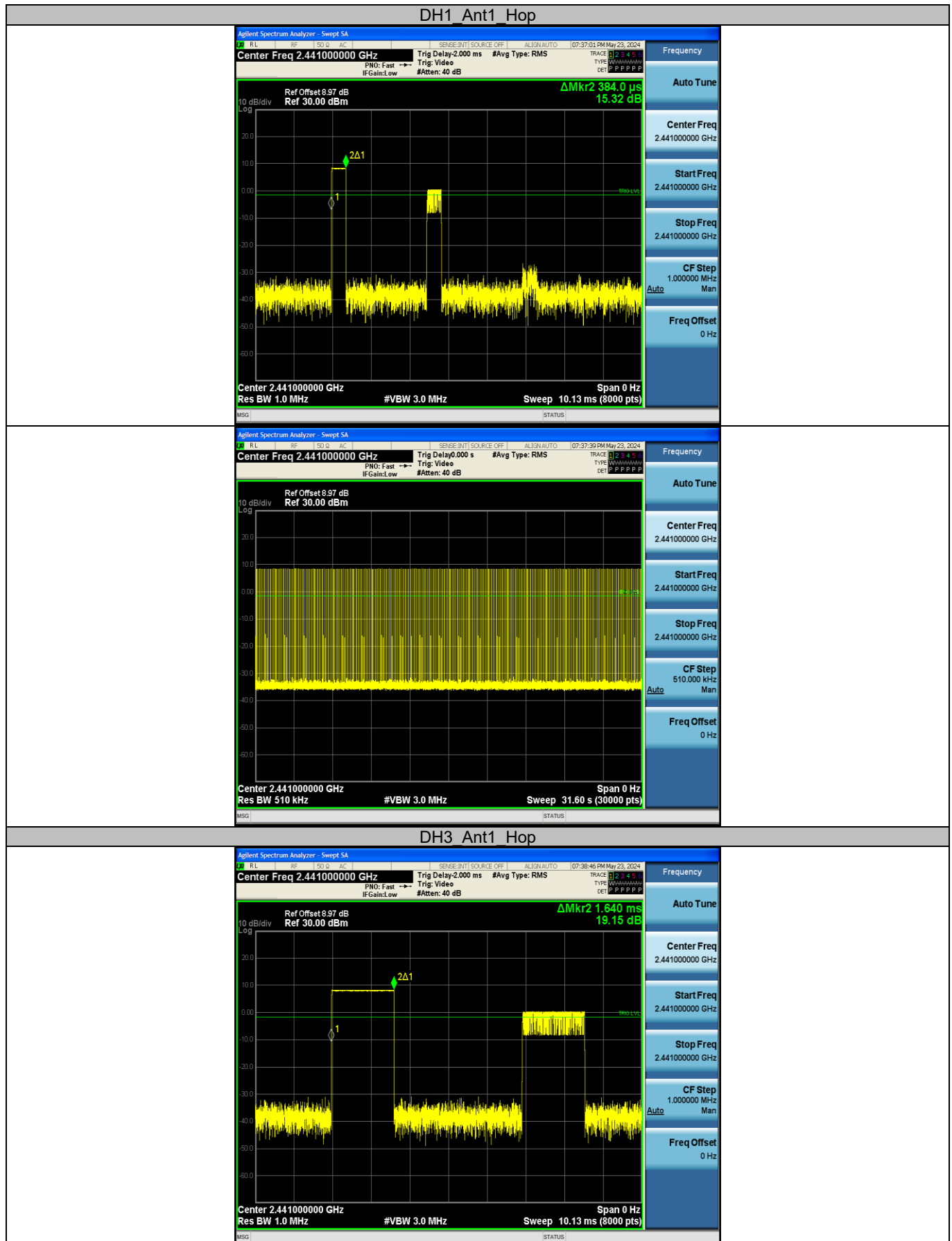
Test Result

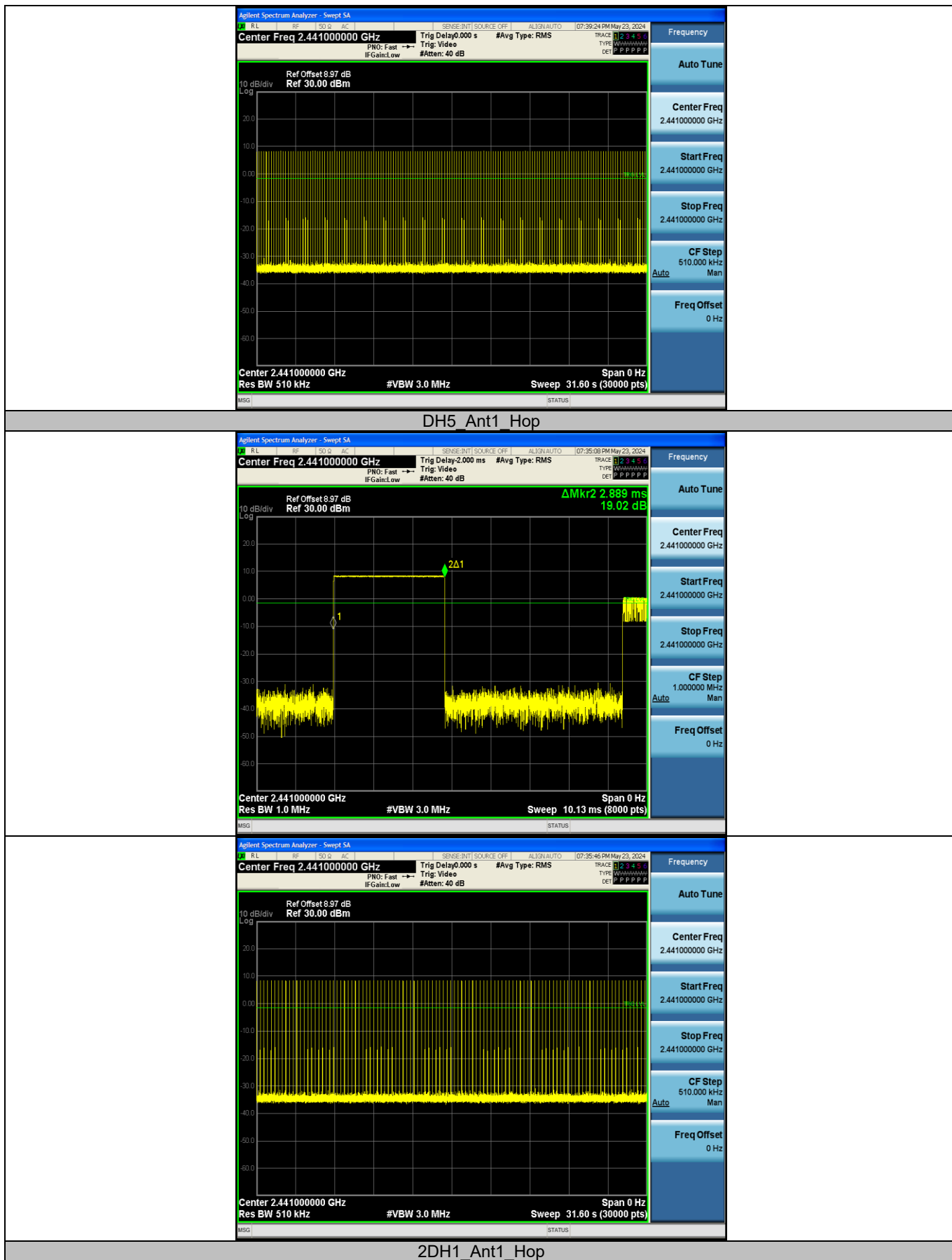
Test Mode	Antenna	Frequency [MHz]	BurstWidth [ms]	Hops in 31.6s [Num]	Result [s]	Limit [s]	Verdict
DH1	Ant1	Hop	0.384	319	0.122	≤0.4	PASS
DH3	Ant1	Hop	1.640	160	0.262	≤0.4	PASS
DH5	Ant1	Hop	2.889	107	0.309	≤0.4	PASS
2DH1	Ant1	Hop	0.395	319	0.126	≤0.4	PASS
2DH3	Ant1	Hop	1.647	160	0.264	≤0.4	PASS
2DH5	Ant1	Hop	2.896	107	0.31	≤0.4	PASS
3DH1	Ant1	Hop	0.395	319	0.126	≤0.4	PASS
3DH3	Ant1	Hop	1.644	160	0.263	≤0.4	PASS
3DH5	Ant1	Hop	2.896	107	0.31	≤0.4	PASS

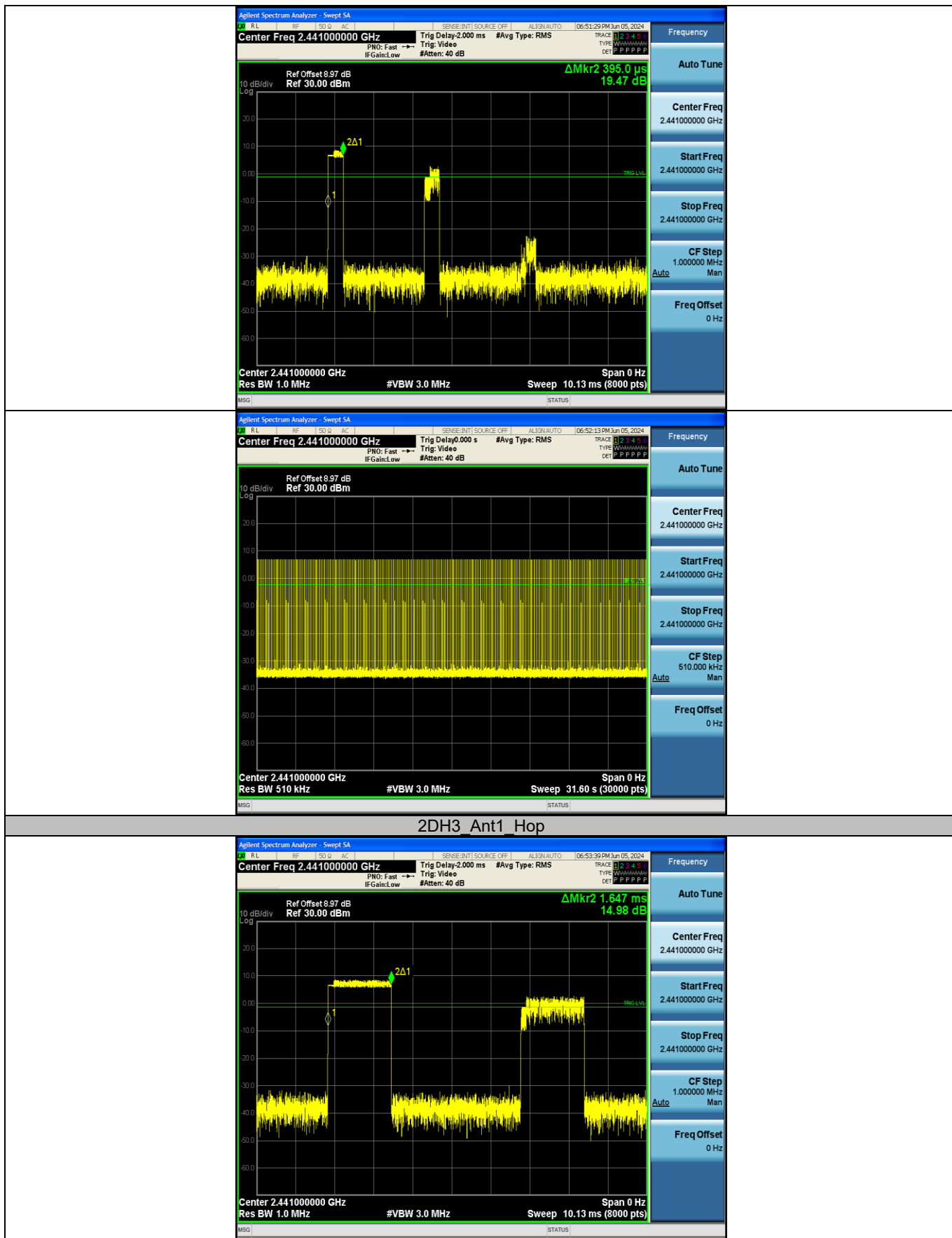
Notes:

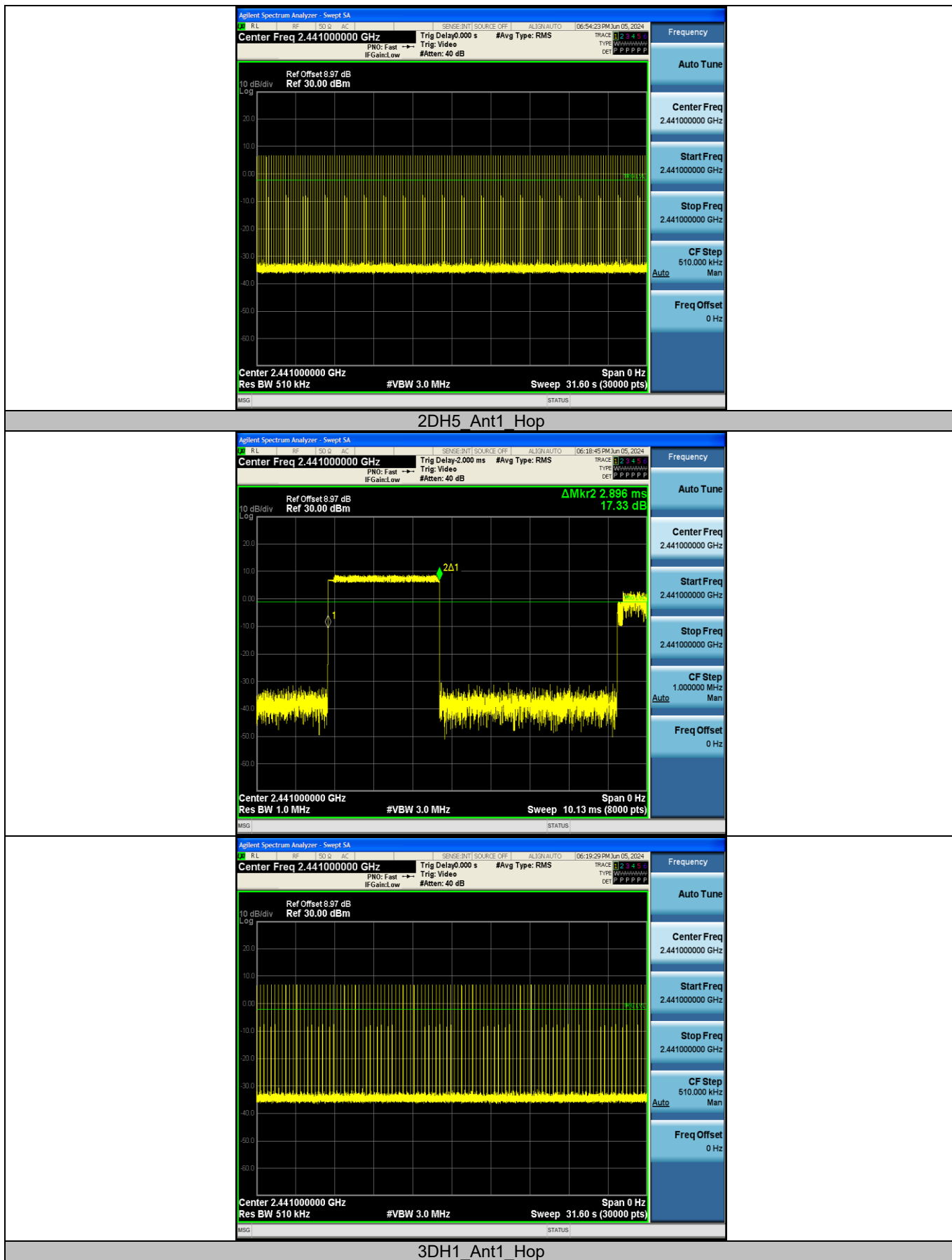
1. Period time = 0.4s * 79 = 31.6s
2. Result (Time of occupancy) = BurstWidth[ms] * Hops in 31.6s [Num]

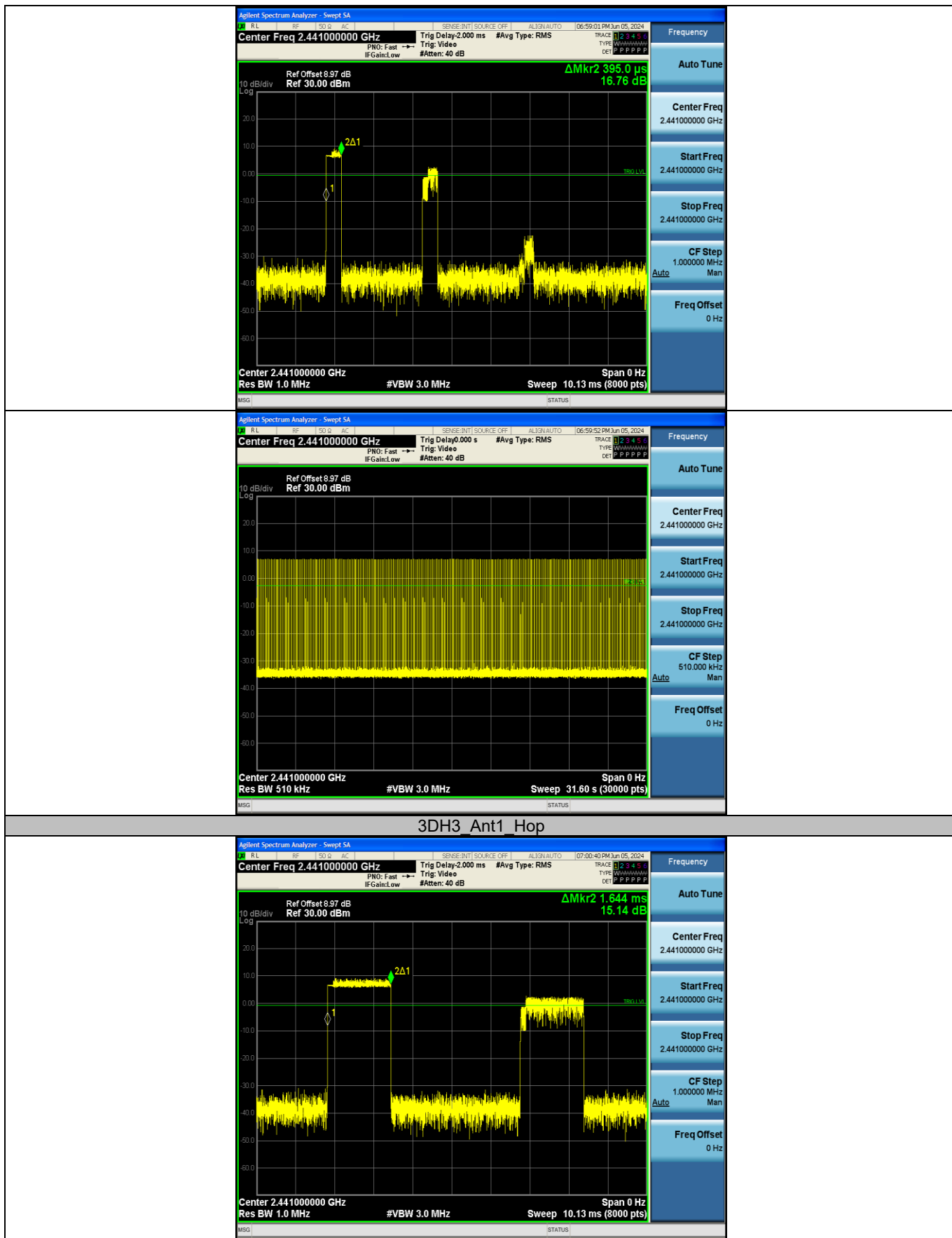
Test Graphs

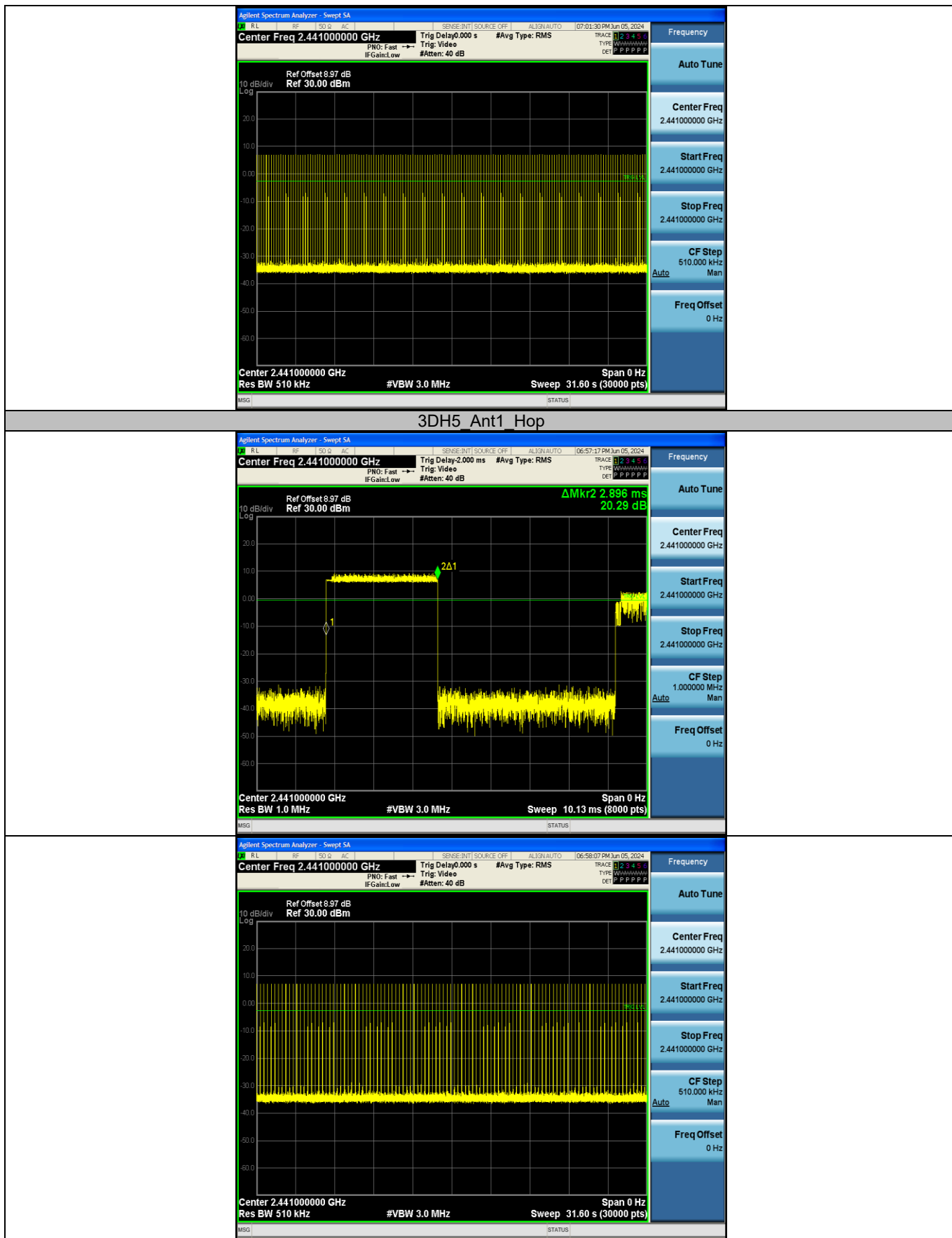










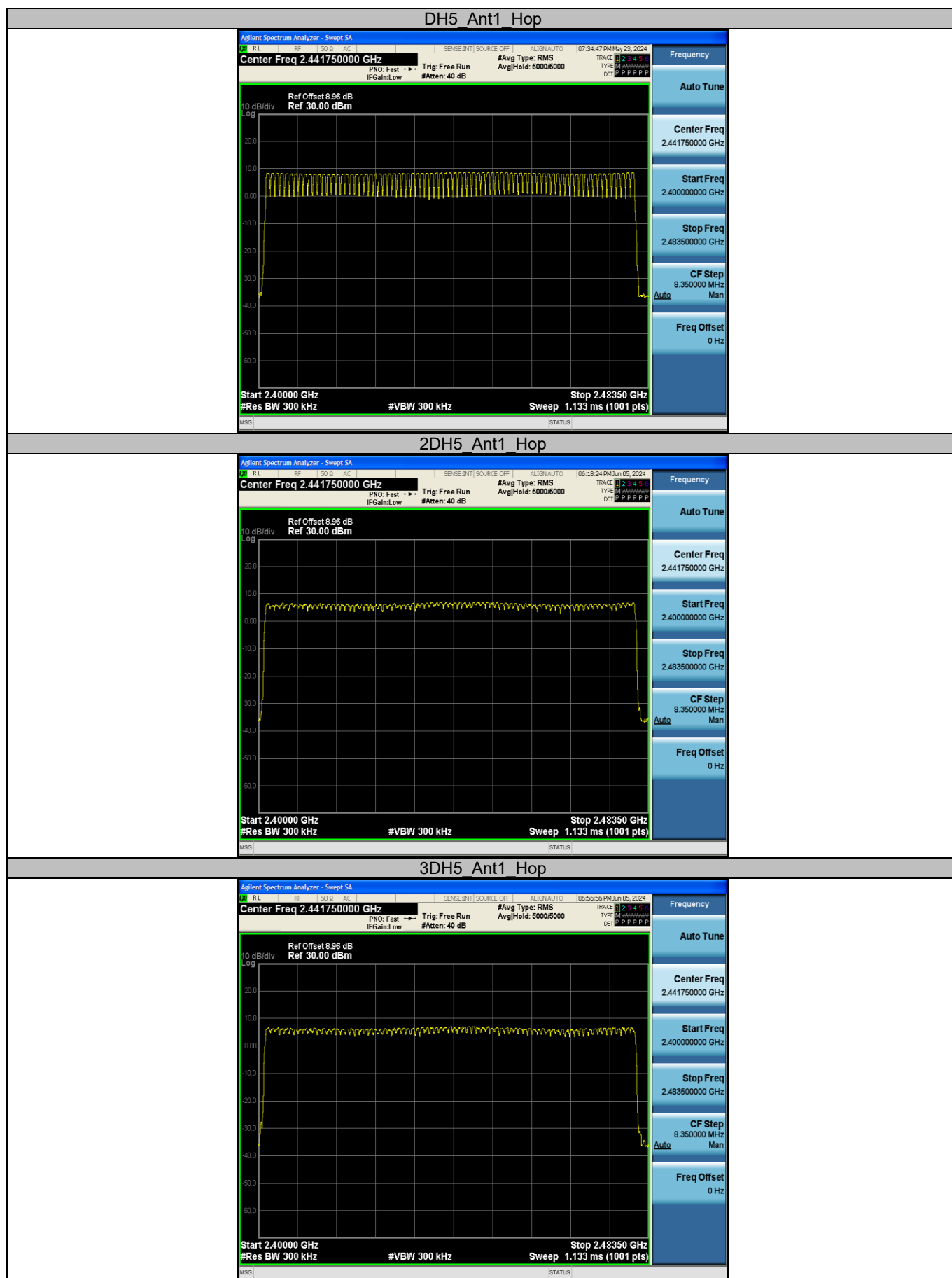


Appendix E: Number of hopping channels

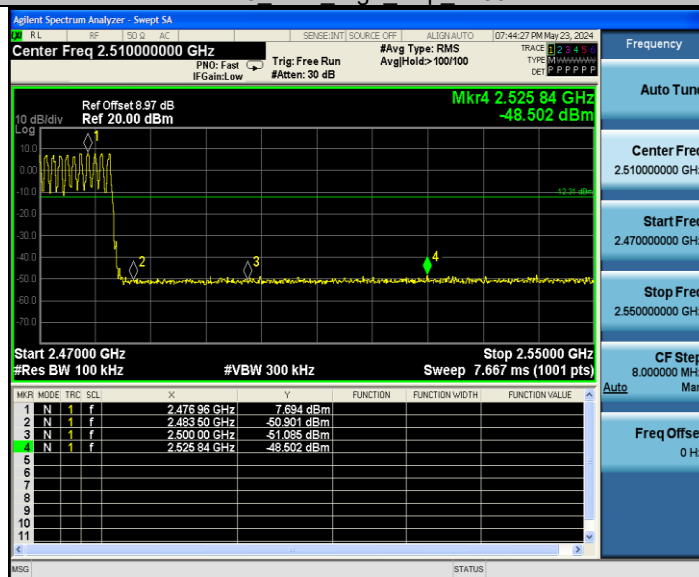
Test Result

Test Mode	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

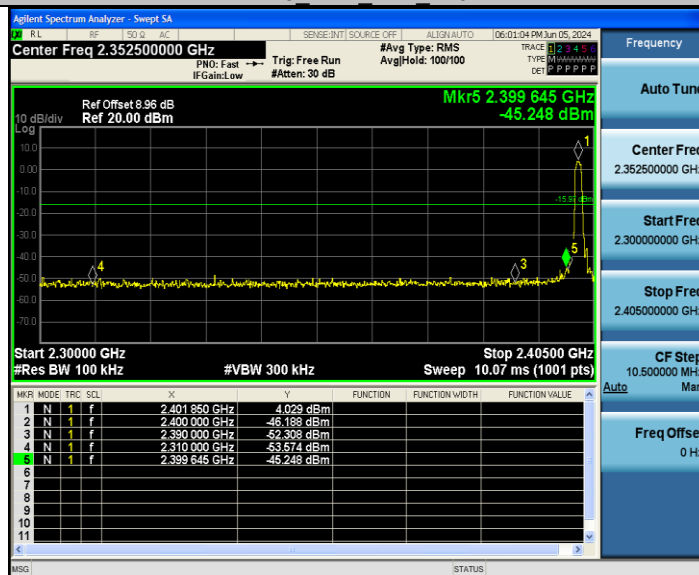
Test Graphs



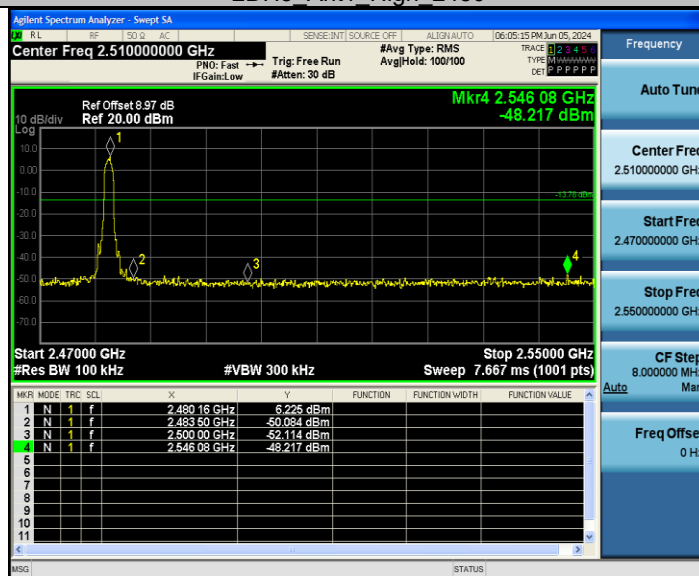
DH5 Ant1 High Hop 2480



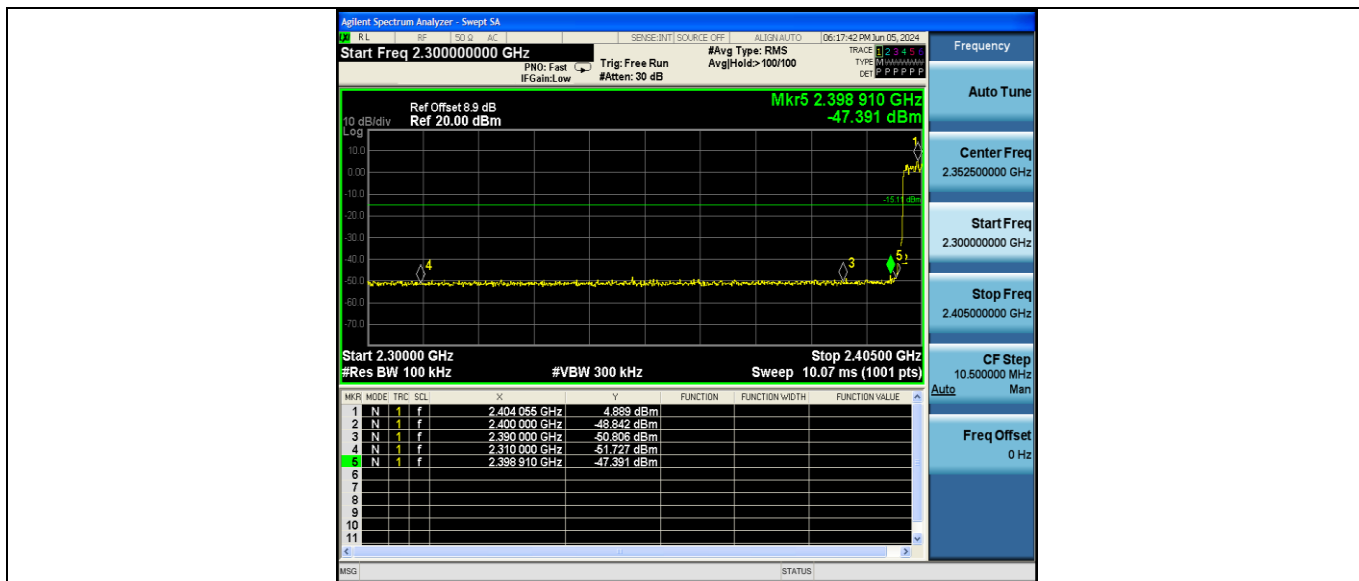
2DH5 Ant1 Low 2402



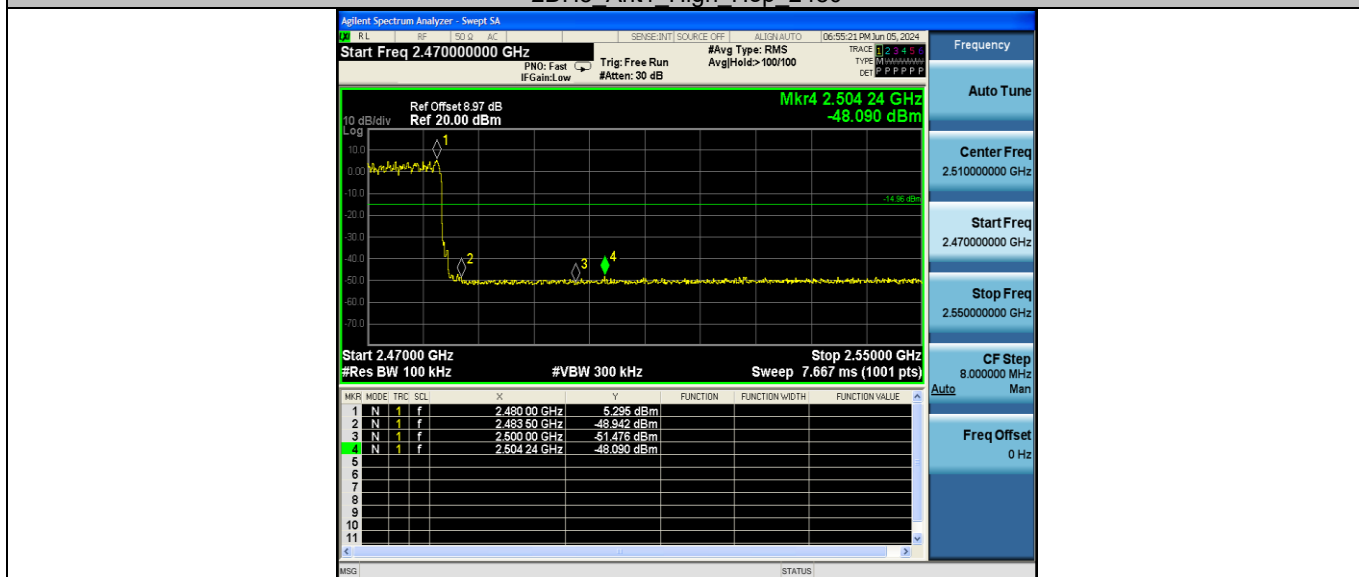
2DH5 Ant1 High 2480



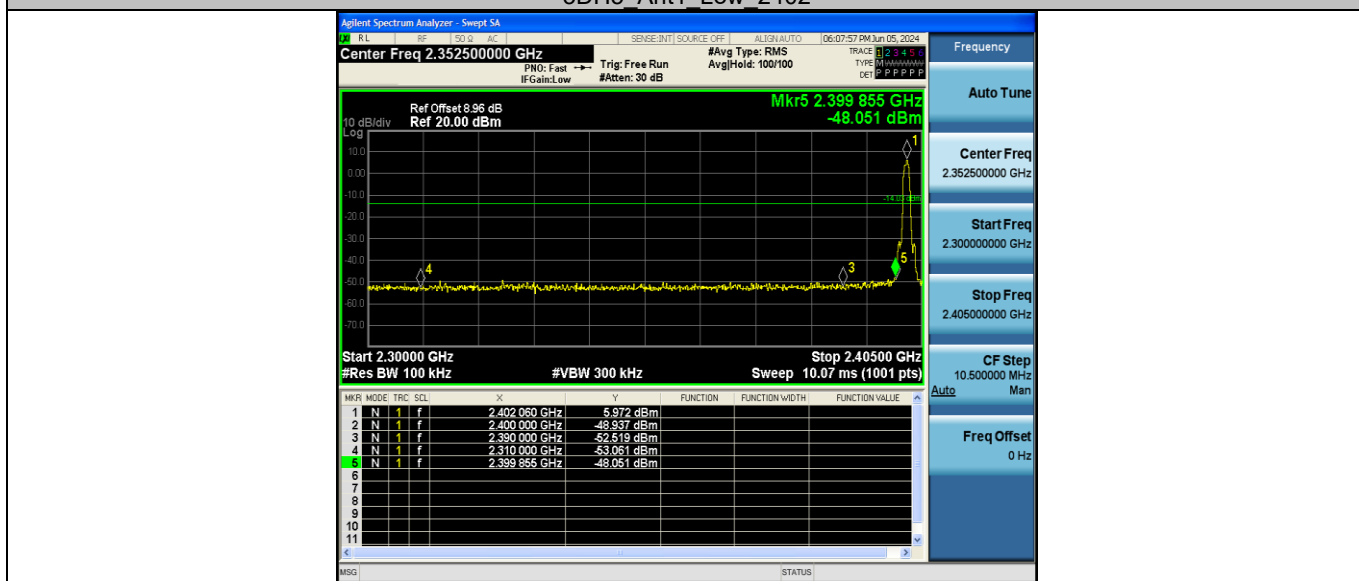
2DH5 Ant1 Low Hop 2402



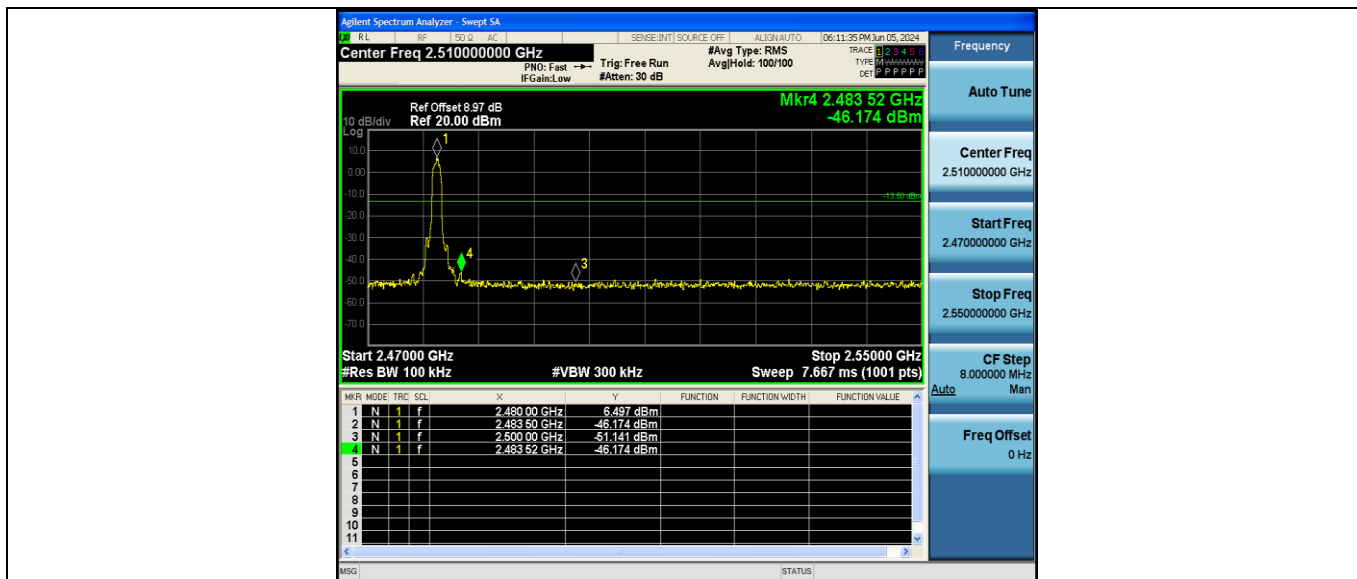
2DH5 Ant1 High Hop 2480



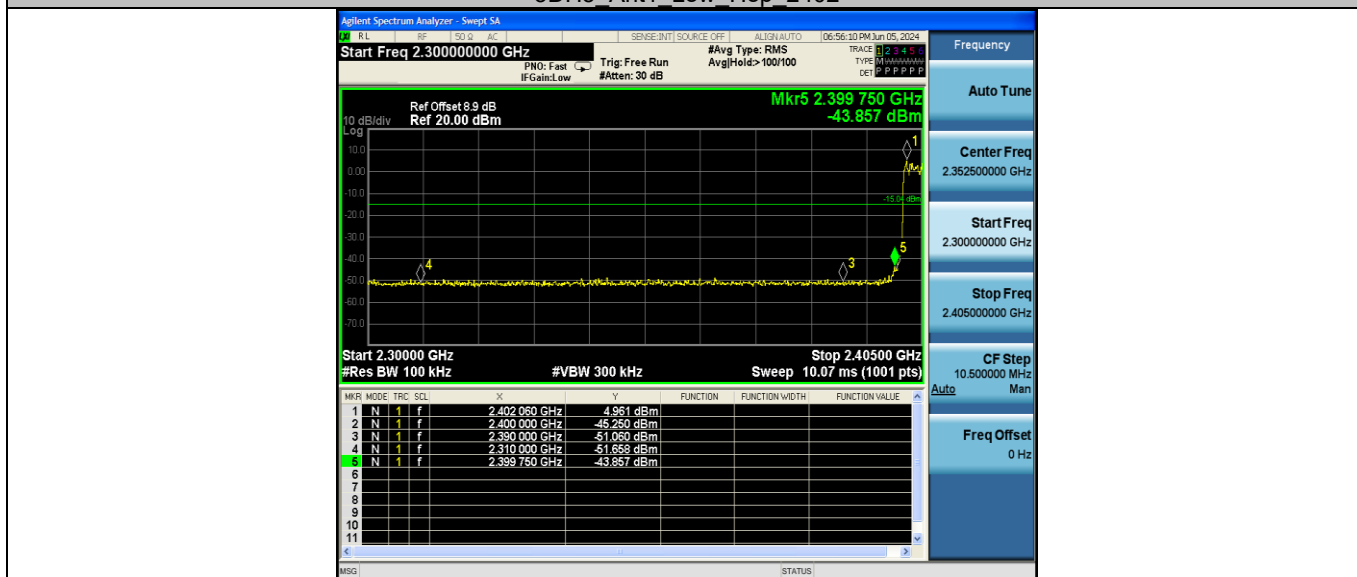
3DH5 Ant1 Low 2402



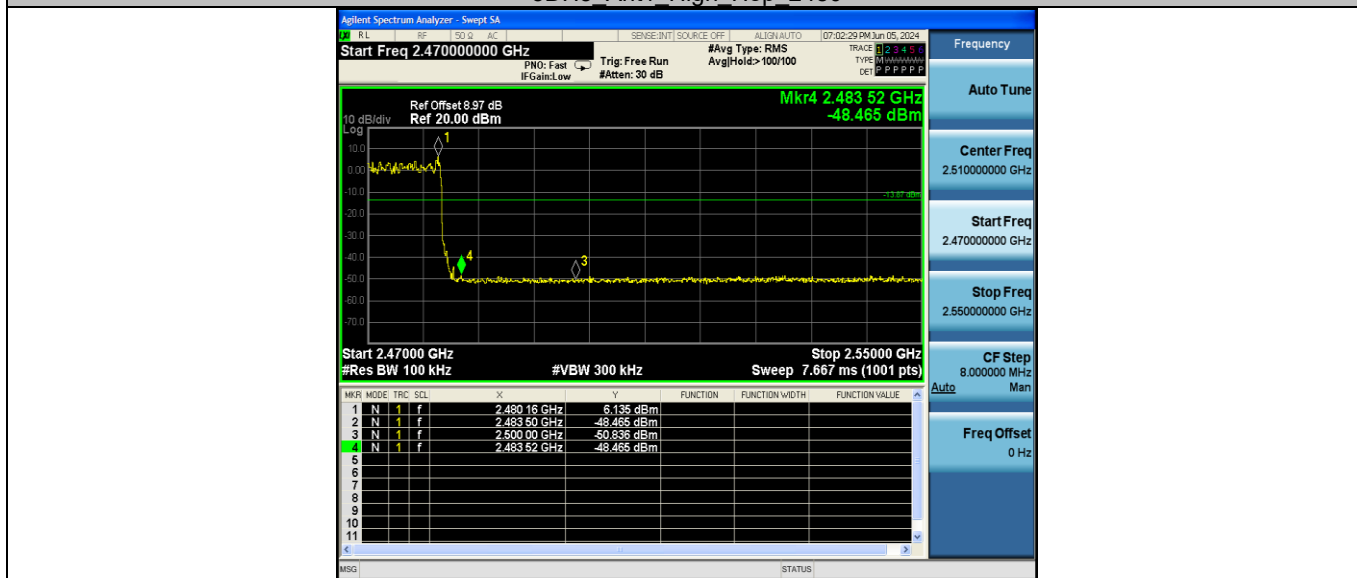
3DH5 Ant1 High 2480



3DH5 Ant1 Low Hop 2402

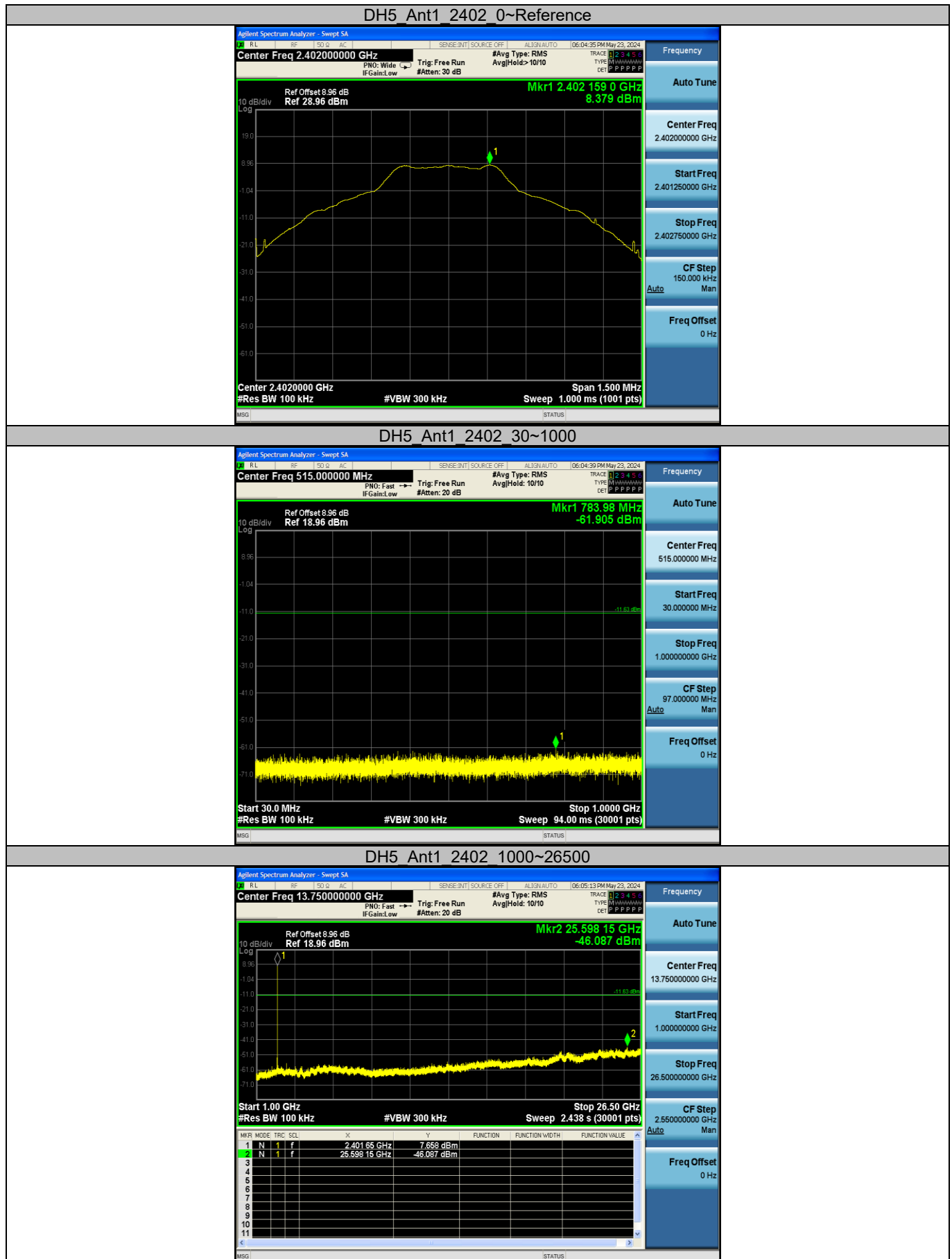


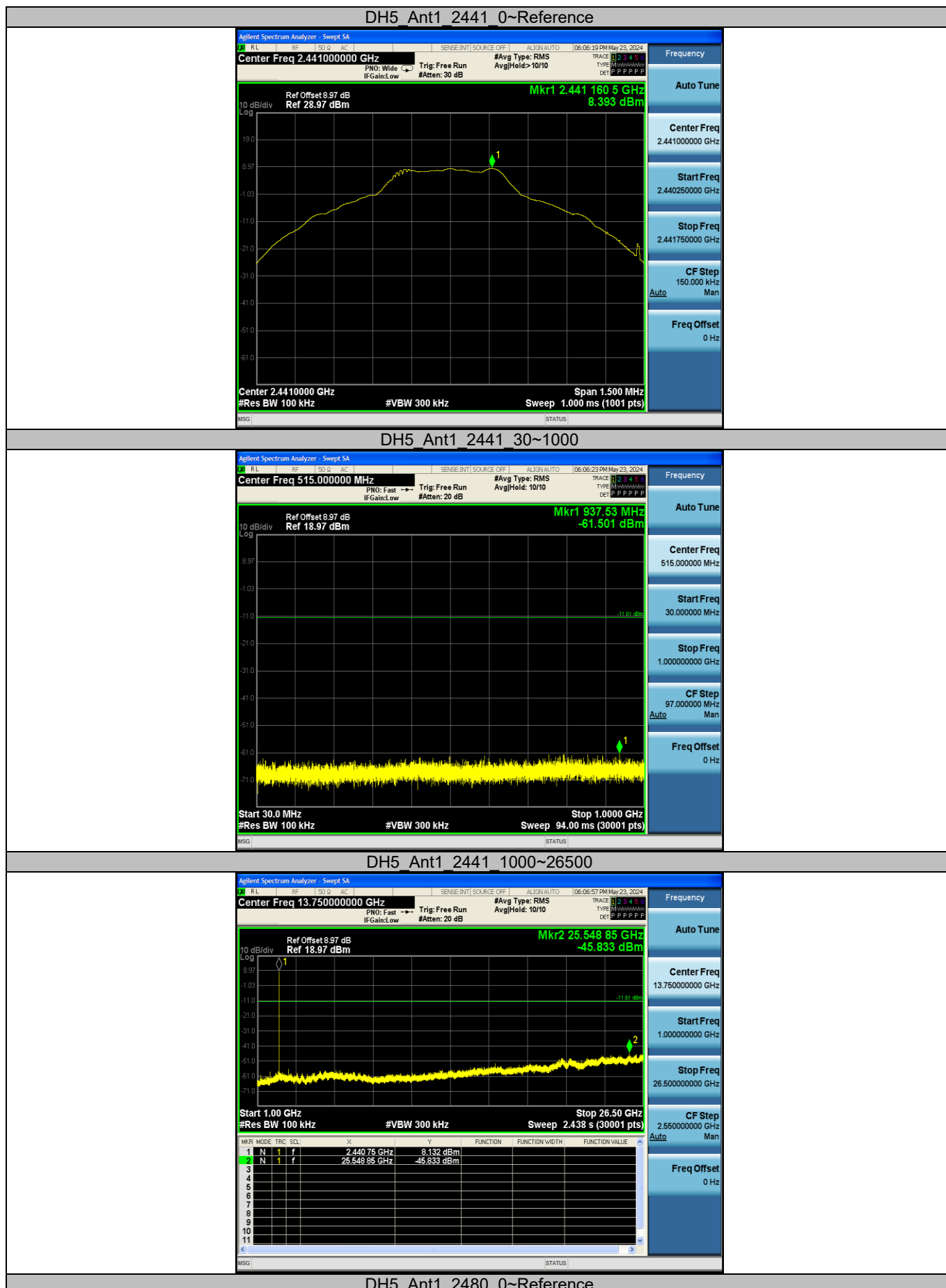
3DH5 Ant1 High Hop 2480

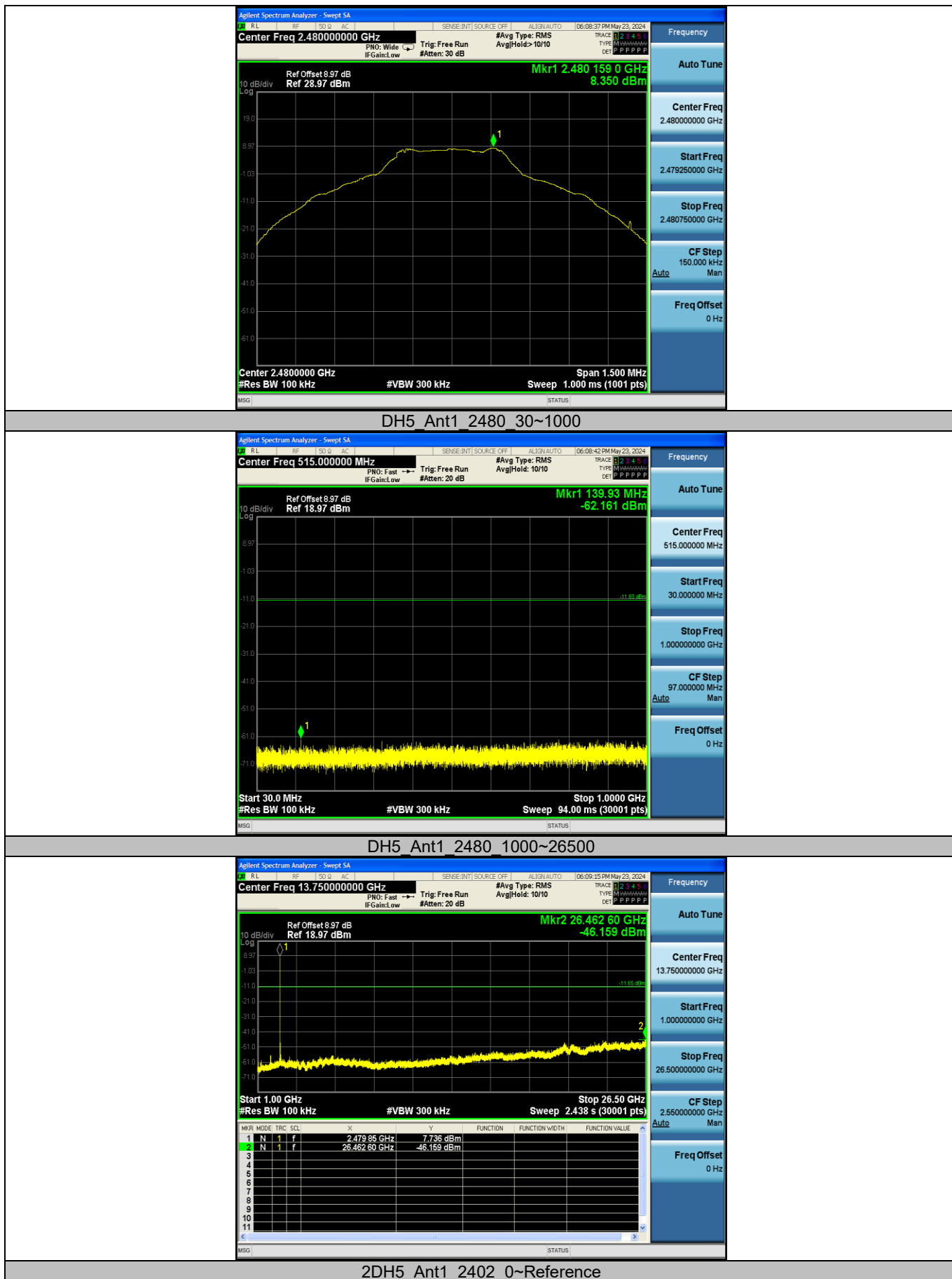


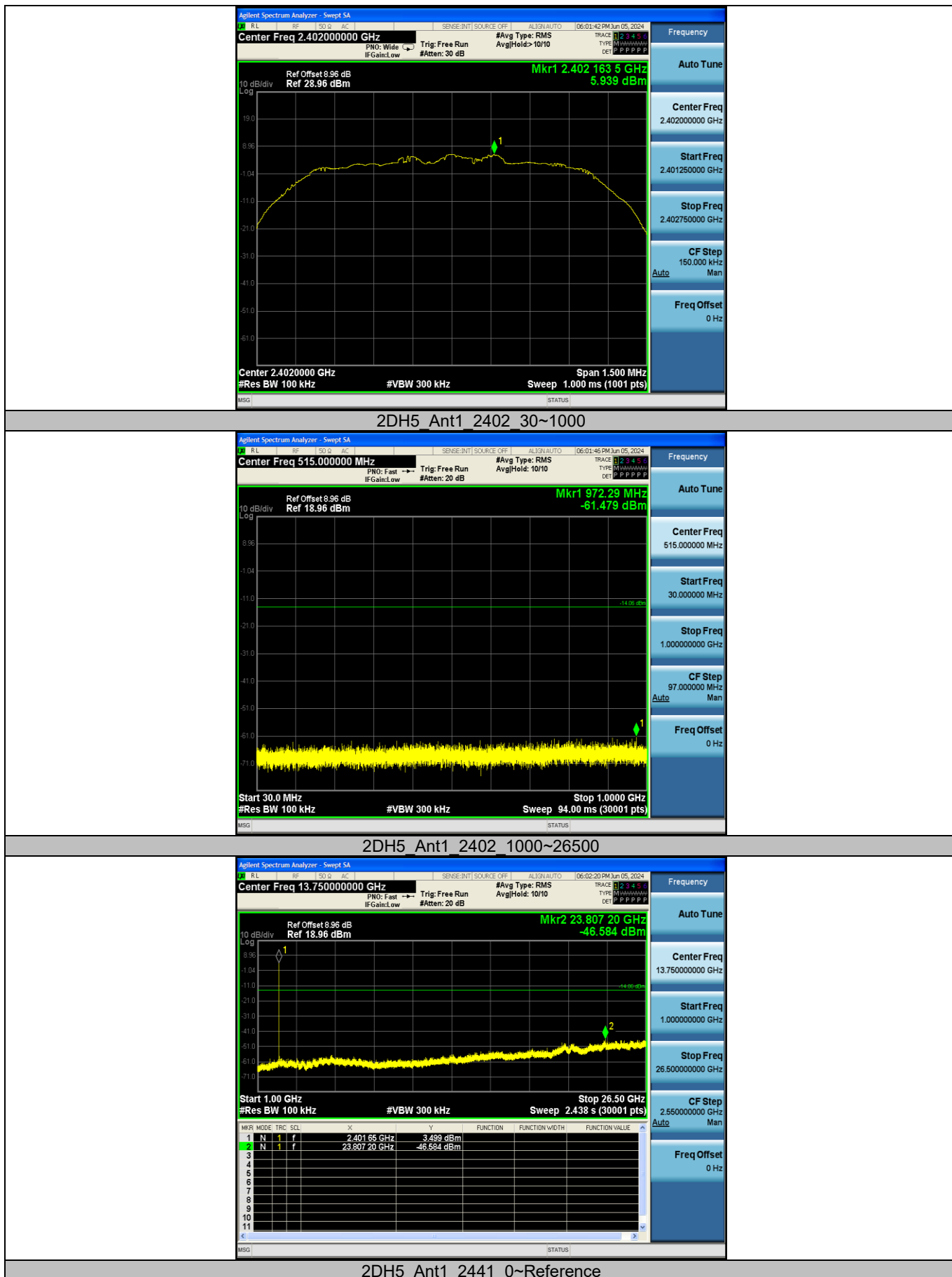
Appendix G: Conducted Spurious Emission

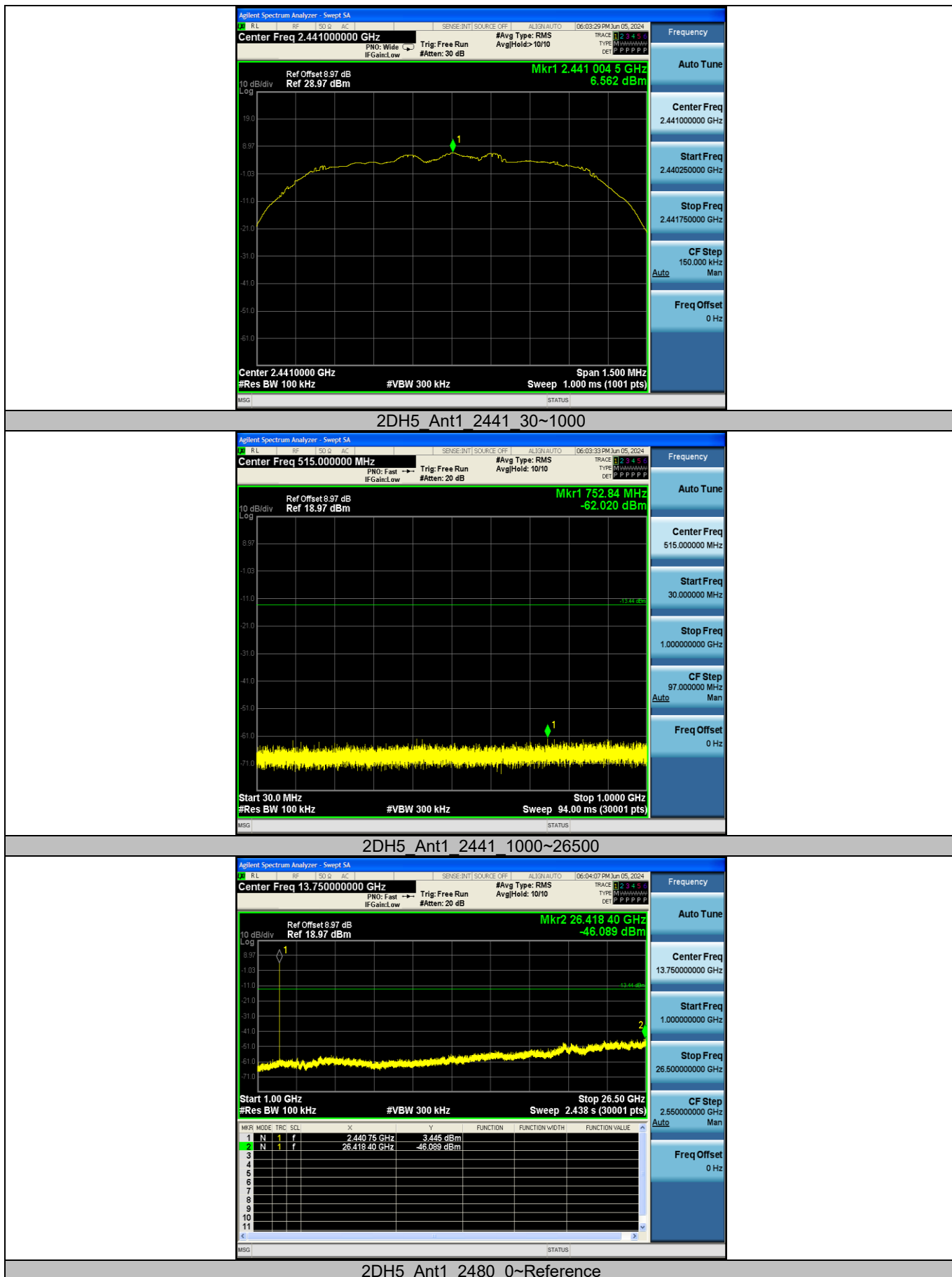
Test Graphs

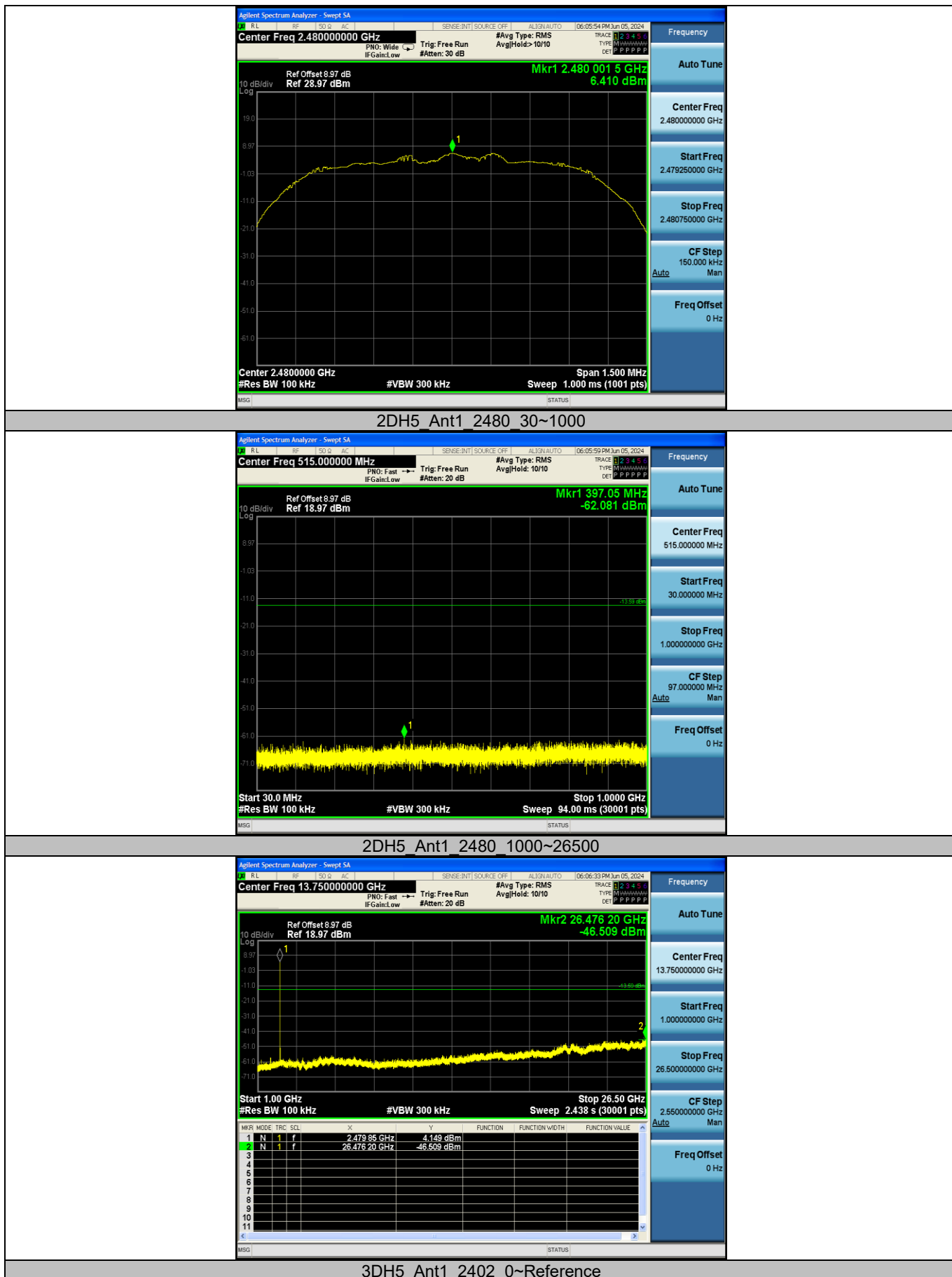


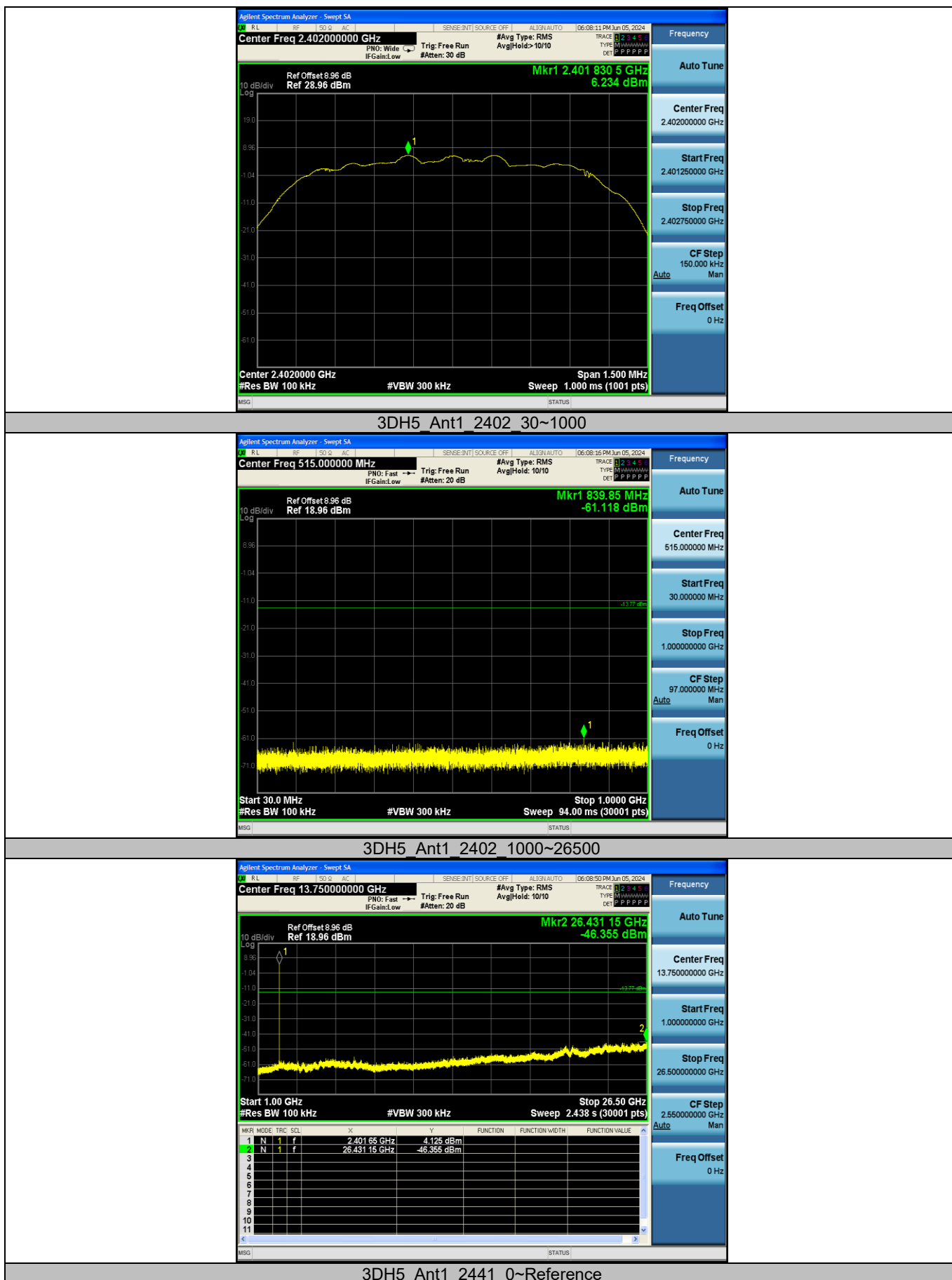


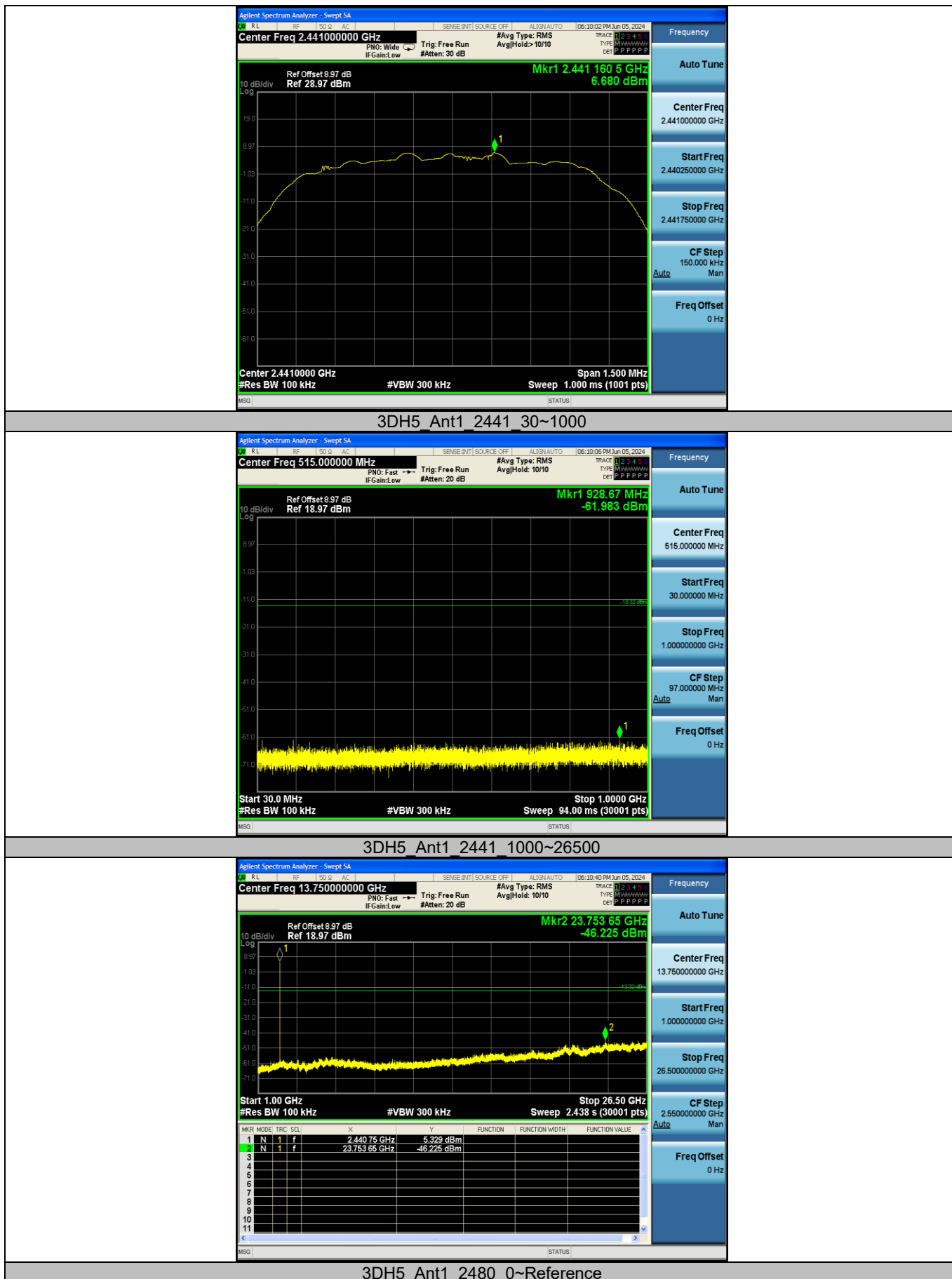


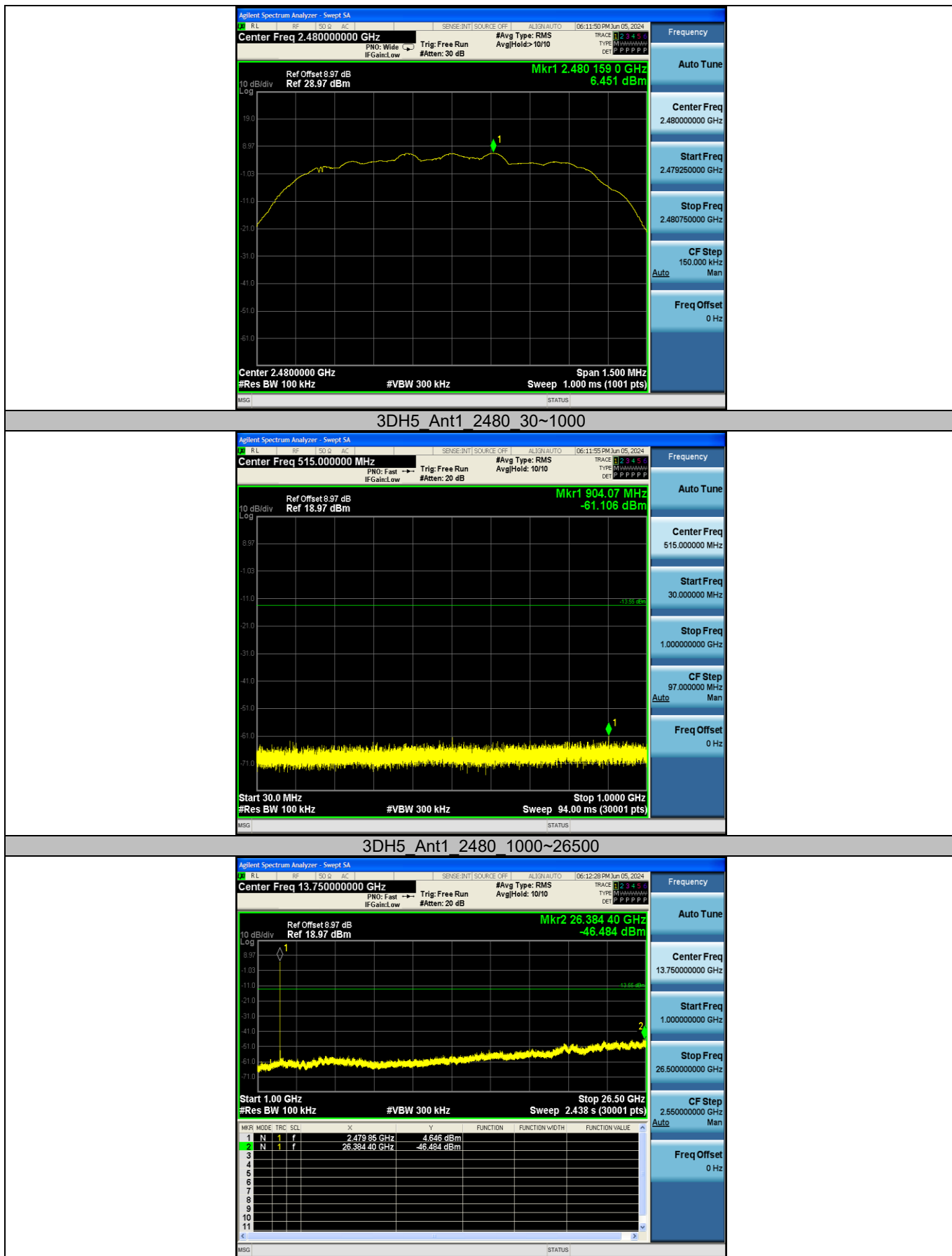












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