

6.9.3 Test Data:

Mode2 / Polarization: Horizontal / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		4804.000	54.22	-7.70	46.52	74.00	-27.48	peak
2		4804.000	48.06	-7.70	40.36	54.00	-13.64	AVG
3		7206.000	45.75	0.84	46.59	74.00	-27.41	peak
4		7206.000	39.51	0.84	40.35	54.00	-13.65	AVG
5		9608.000	46.80	1.81	48.61	74.00	-25.39	peak
6	*	9608.000	40.45	1.81	42.26	54.00	-11.74	AVG

Mode2 / Polarization: Vertical / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		4804.000	51.84	-7.70	44.14	74.00	-29.86	peak
2		4804.000	46.35	-7.70	38.65	54.00	-15.35	AVG
3		7206.000	45.35	0.84	46.19	74.00	-27.81	peak
4		7206.000	39.37	0.84	40.21	54.00	-13.79	AVG
5		9608.000	46.99	1.81	48.80	74.00	-25.20	peak
6	*	9608.000	40.76	1.81	42.57	54.00	-11.43	AVG

Mode2 / Polarization: Horizontal / 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	48.26	-7.84	40.42	74.00	-33.58	peak
2		4882.000	42.16	-7.84	34.32	54.00	-19.68	AVG
3		7323.000	45.72	0.61	46.33	74.00	-27.67	peak
4		7323.000	39.64	0.61	40.25	54.00	-13.75	AVG
5		9764.000	47.61	2.61	50.22	74.00	-23.78	peak
6	*	9764.000	41.53	2.61	44.14	54.00	-9.86	AVG

Mode2 / 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	52.02	-7.84	44.18	74.00	-29.82	peak
2		4882.000	46.38	-7.84	38.54	54.00	-15.46	AVG
3		7323.000	46.48	0.61	47.09	74.00	-26.91	peak
4		7323.000	40.64	0.61	41.25	54.00	-12.75	AVG
5		9764.000	46.26	2.61	48.87	74.00	-25.13	peak
6	*	9764.000	40.04	2.61	42.65	54.00	-11.35	AVG

Mode2 / 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	55.71	-7.73	47.98	74.00	-26.02	peak
2		4960.000	49.38	-7.73	41.65	54.00	-12.35	AVG
3		7440.000	45.42	0.78	46.20	74.00	-27.80	peak
4		7440.000	39.43	0.78	40.21	54.00	-13.79	AVG
5		9920.000	46.37	2.47	48.84	74.00	-25.16	peak
6	*	9920.000	40.21	2.47	42.68	54.00	-11.32	AVG

Mode2 / Polarization: Vertical / 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	52.04	-7.73	44.31	74.00	-29.69	peak
2		4960.000	46.38	-7.73	38.65	54.00	-15.35	AVG
3		7440.000	45.61	0.78	46.39	74.00	-27.61	peak
4		7440.000	39.47	0.78	40.25	54.00	-13.75	AVG
5		9920.000	47.78	2.47	50.25	74.00	-23.75	peak
6	*	9920.000	41.67	2.47	44.14	54.00	-9.86	AVG

Photographs of the test setup

Refer to Appendix - Test Setup Photos

Photographs of the EUT

Refer to Appendix - EUT Photos

Appendix

Note: Both left and right headphones are tested, and the report only shows the left ear with the worst data

Appendix A: 20dB Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW [MHz]
DH5	Ant1	2402	0.948
		2441	0.954
		2480	0.951
2DH5	Ant1	2402	1.284
		2441	1.284
		2480	1.287

Test Graphs





2DH5 Ant1 2441



2DH5 Ant1 2480

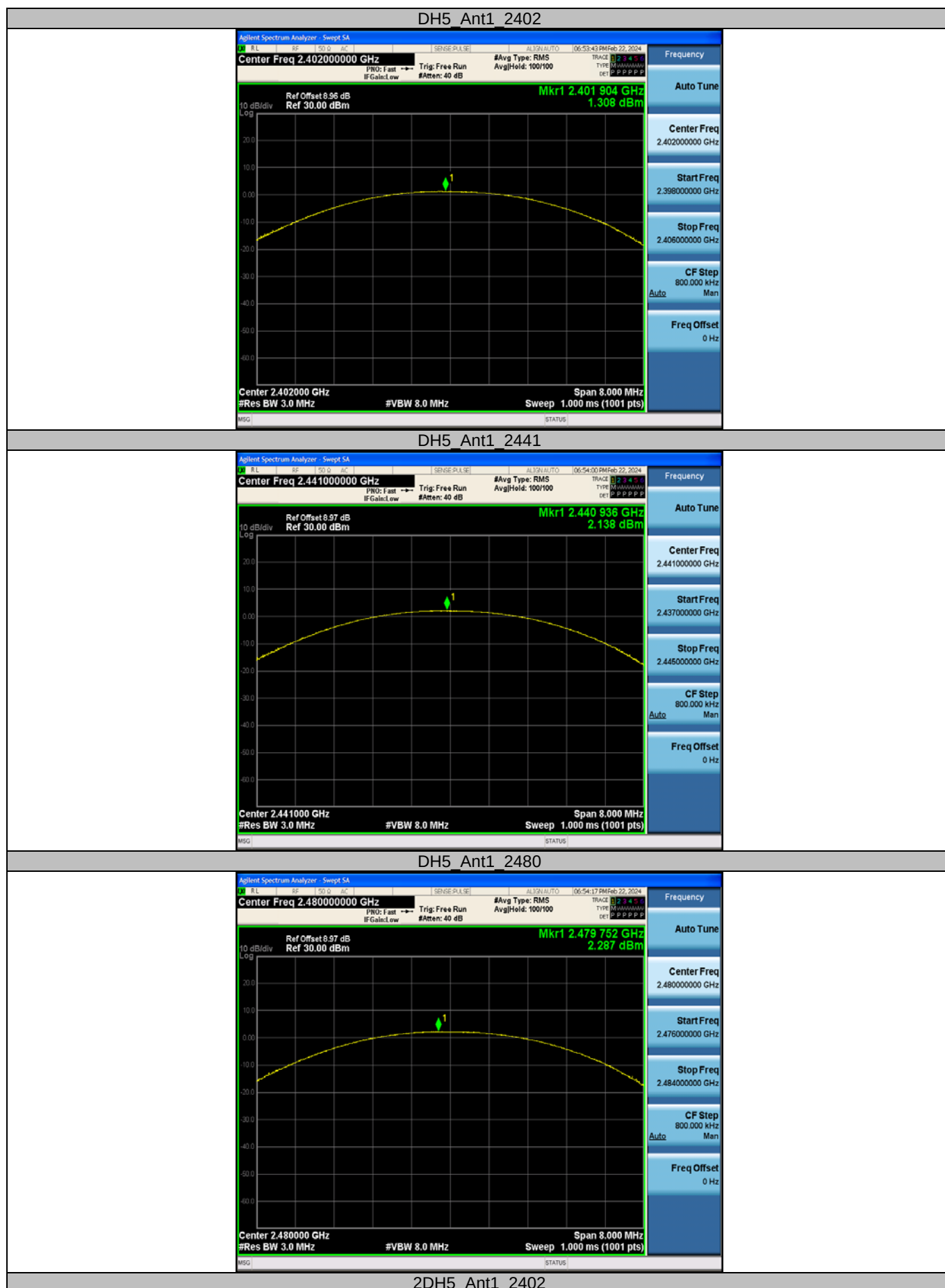


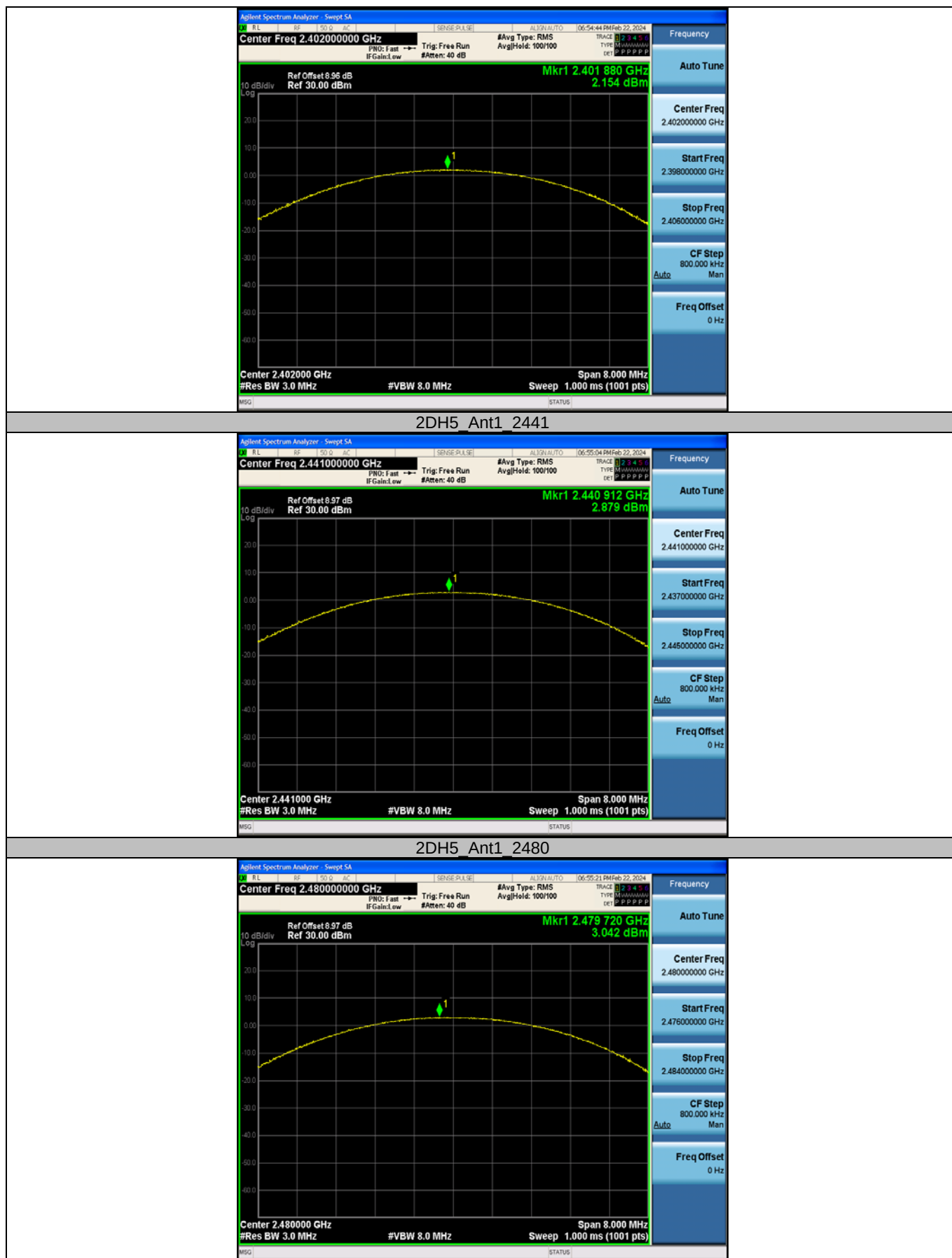
Appendix B: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	1.31	≤20.97	PASS
		2441	2.14	≤20.97	PASS
		2480	2.29	≤20.97	PASS
2DH5	Ant1	2402	2.15	≤20.97	PASS
		2441	2.88	≤20.97	PASS
		2480	3.04	≤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	1	≥ 0.954	PASS
2DH5	Ant1	Hop	0.998	≥ 0.858	PASS

Test Graphs



Appendix D: Time of occupancy

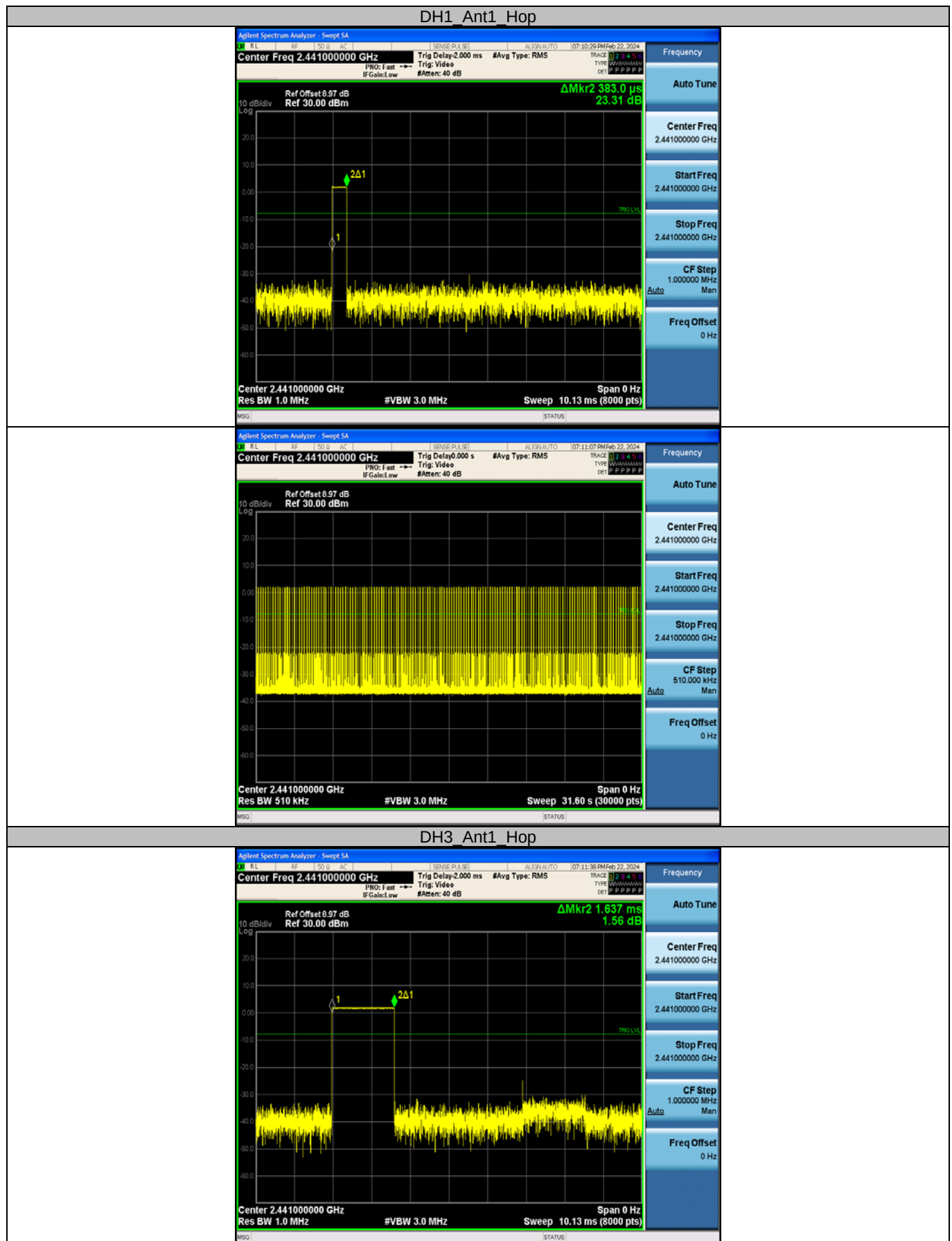
Test Result

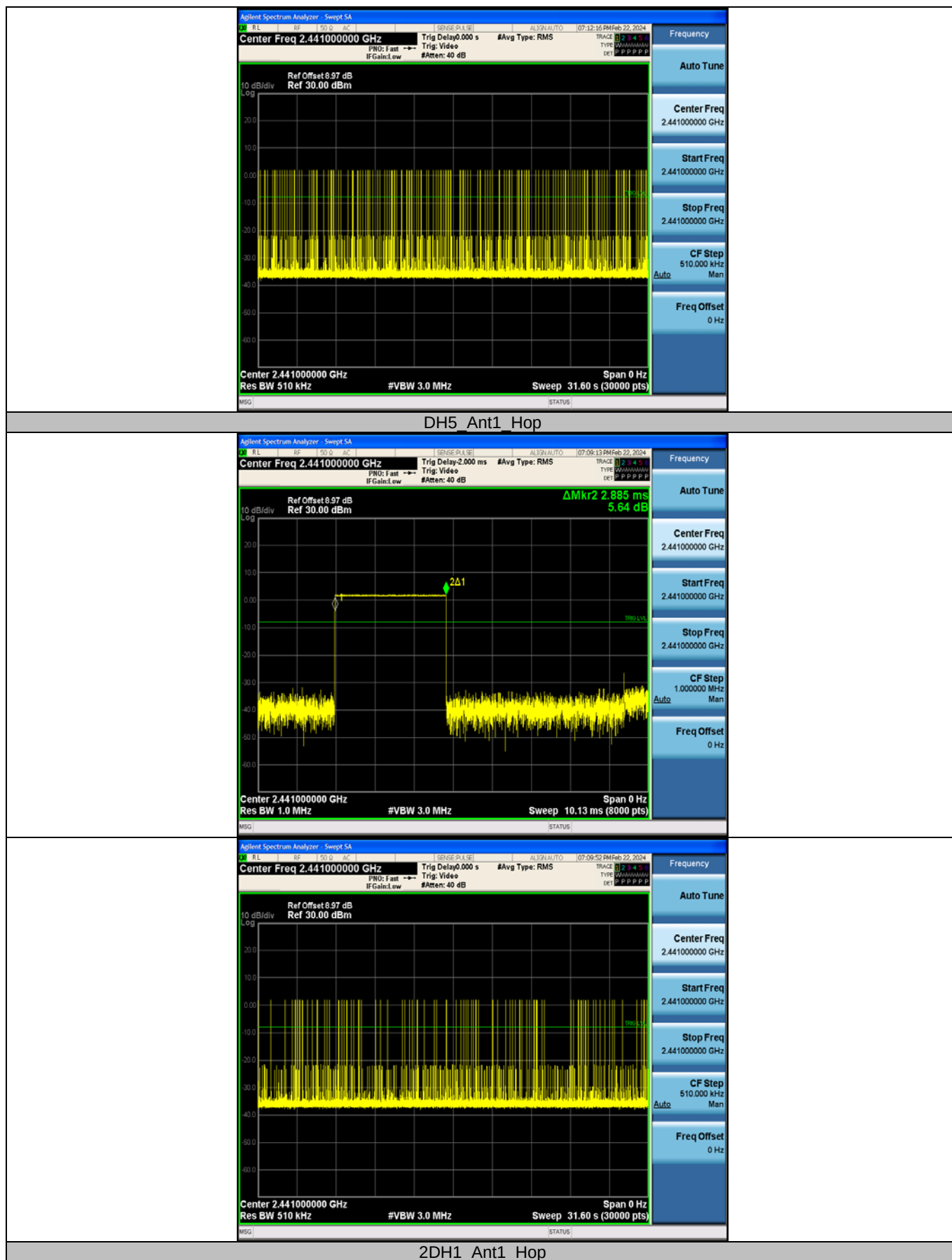
Test Mode	Antenna	Frequency [MHz]	BurstWidth [ms]	Hops in 31.6s [Num]	Result [s]	Limit [s]	Verdict
DH1	Ant1	Hop	0.383	319	0.122	≤0.4	PASS
DH3	Ant1	Hop	1.637	161	0.264	≤0.4	PASS
DH5	Ant1	Hop	2.885	88	0.254	≤0.4	PASS
2DH1	Ant1	Hop	0.390	317	0.124	≤0.4	PASS
2DH3	Ant1	Hop	1.642	157	0.258	≤0.4	PASS
2DH5	Ant1	Hop	2.891	108	0.312	≤0.4	PASS

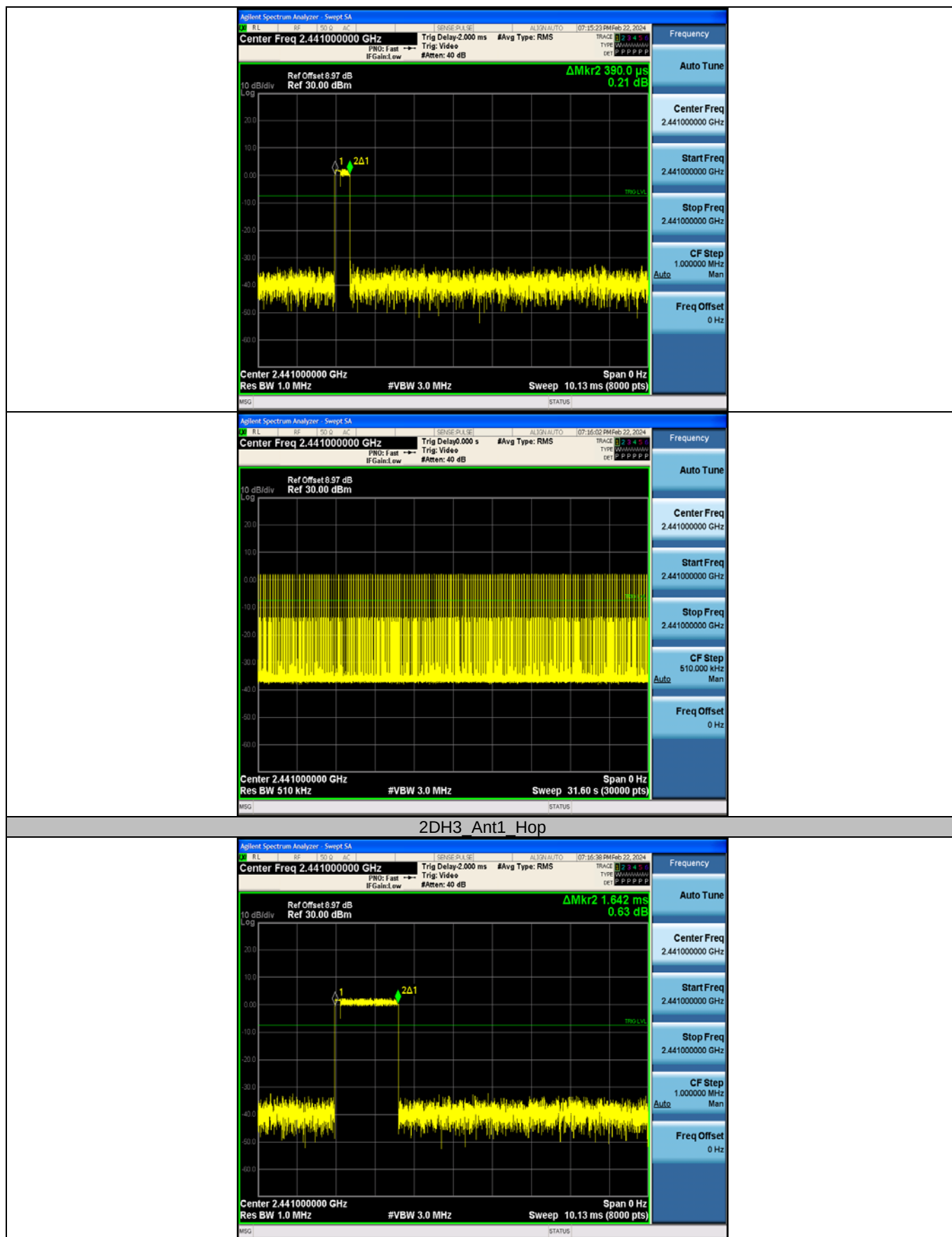
Notes:

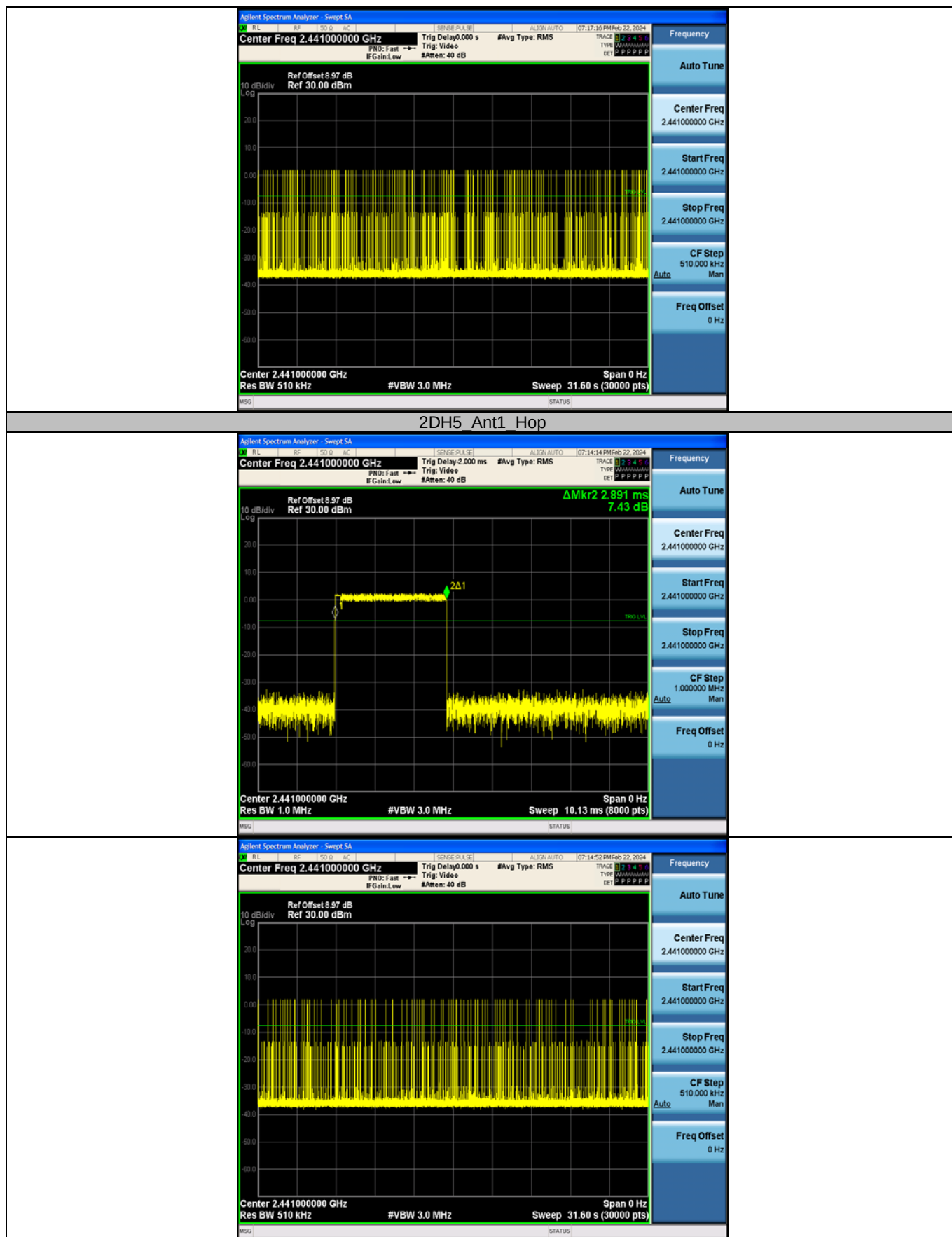
1. Period time = 0.4s * 79 = 31.6s
2. Result (Time of occupancy) = BurstWidth[ms] * Hops in 31.6s [Num]

Test Graphs







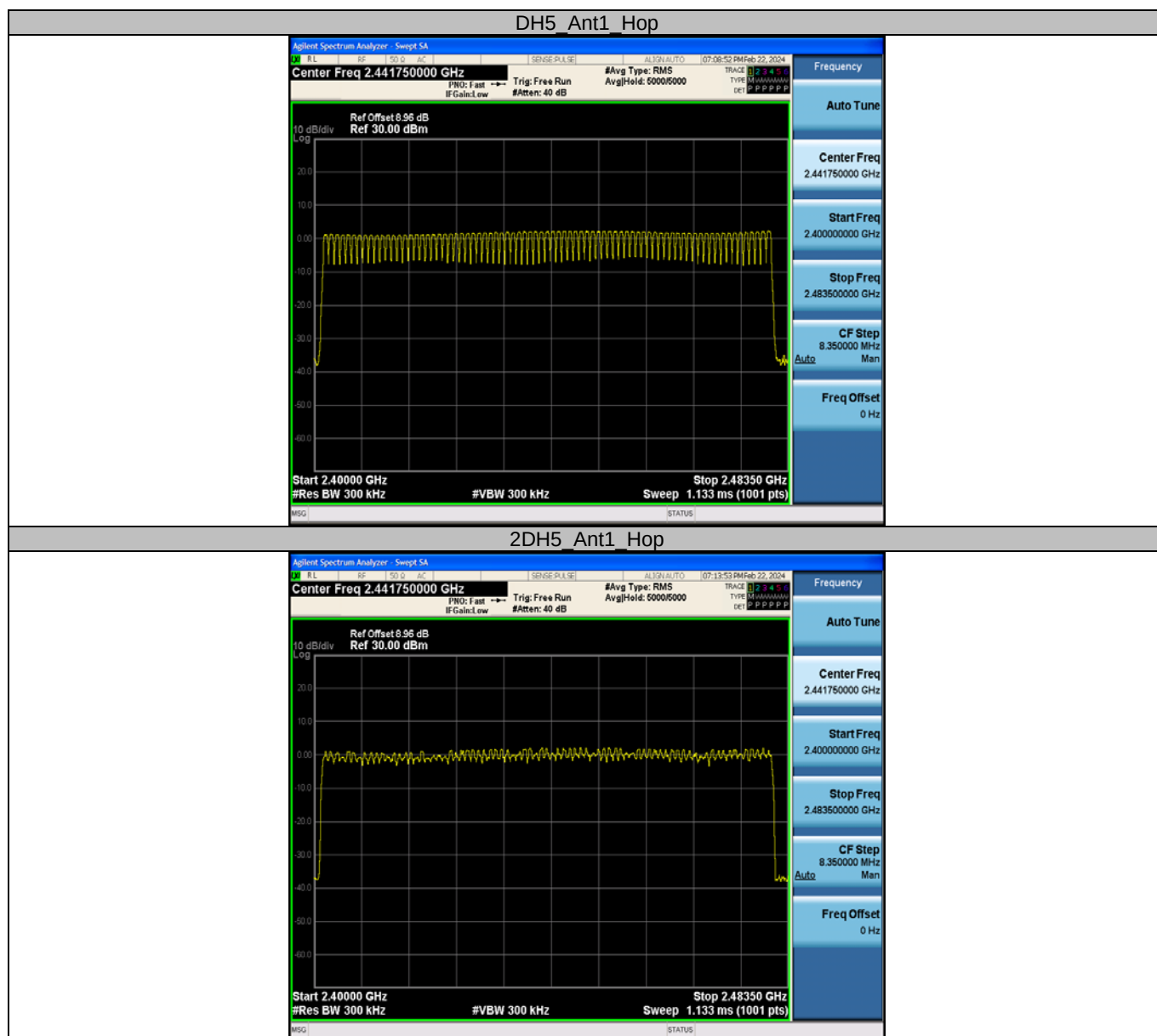


Appendix E: Number of hopping channels

Test Result

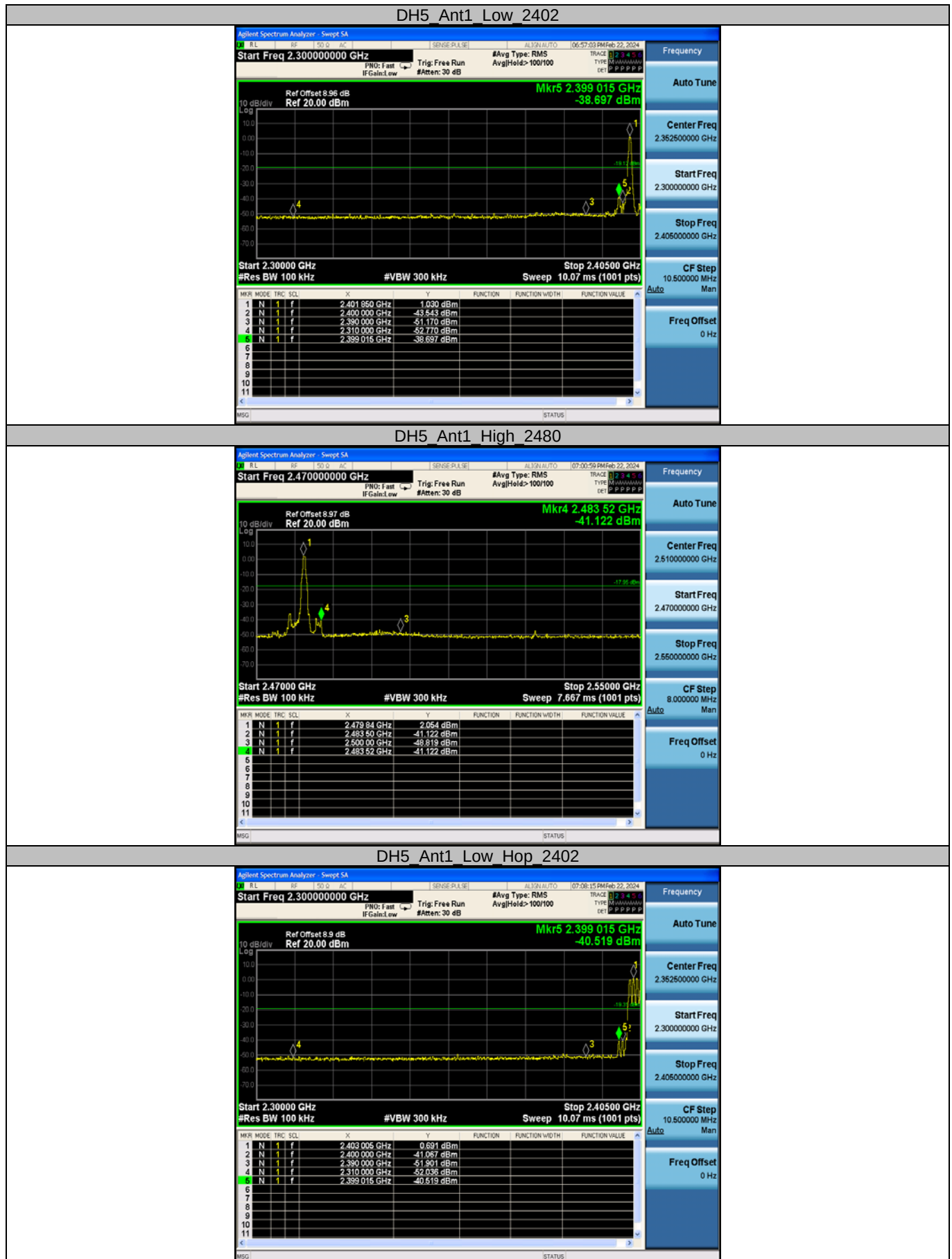
Test Mode	Antenna	Frequency [MHz]	Result [Num]	Limit [Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS

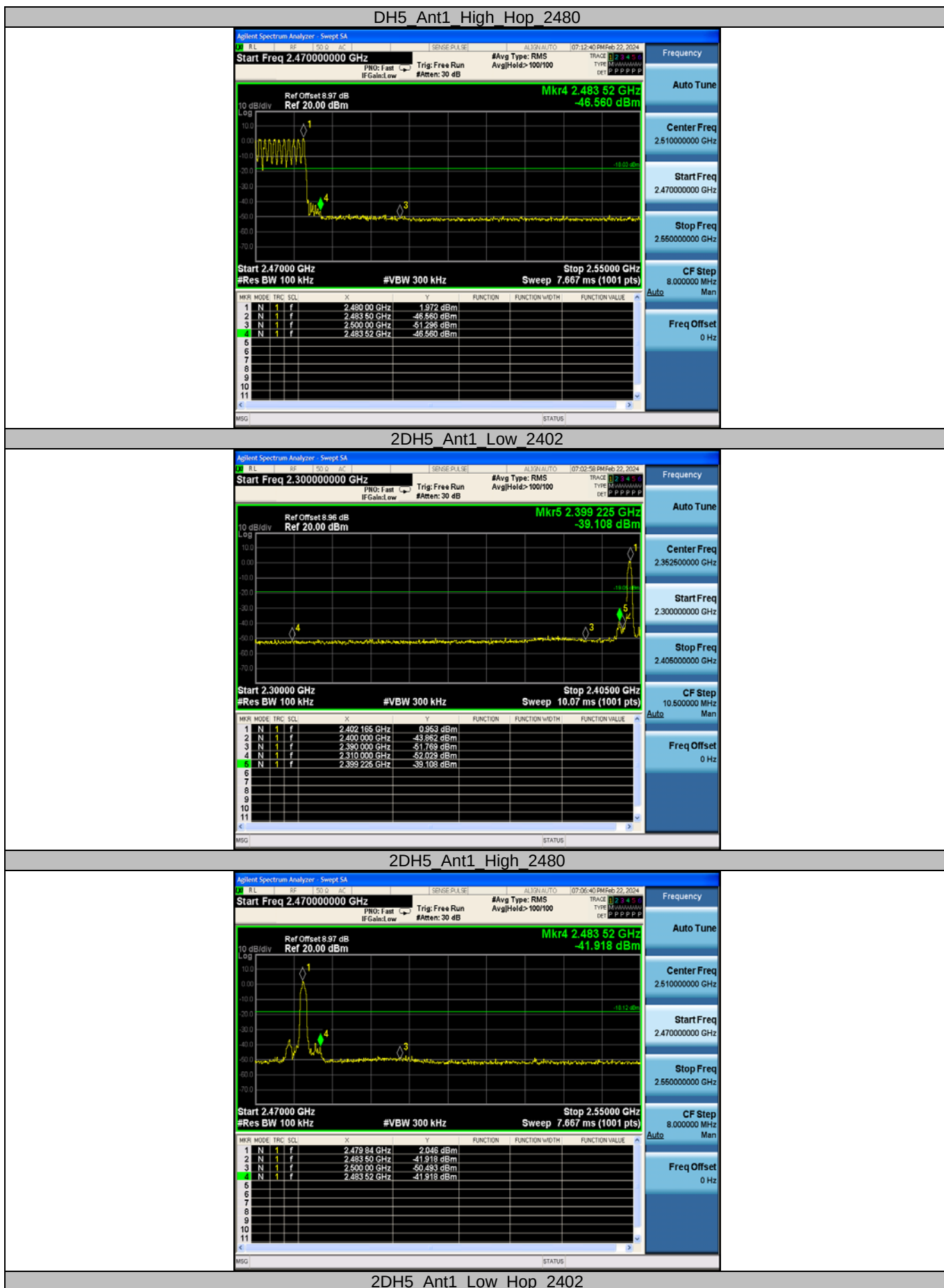
Test Graphs

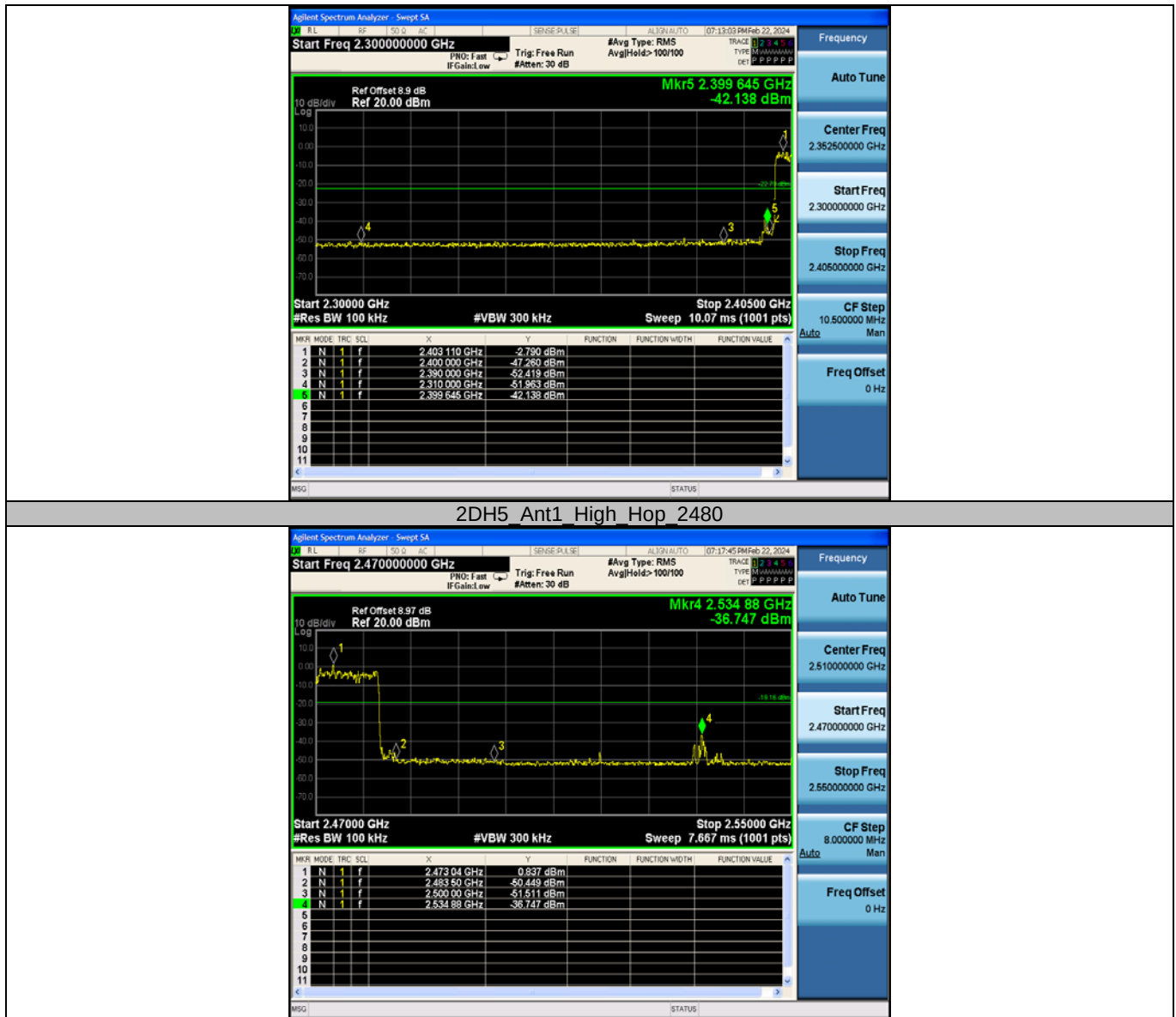


Appendix F: Band edge measurements

Test Graphs







Appendix G: Conducted Spurious Emission

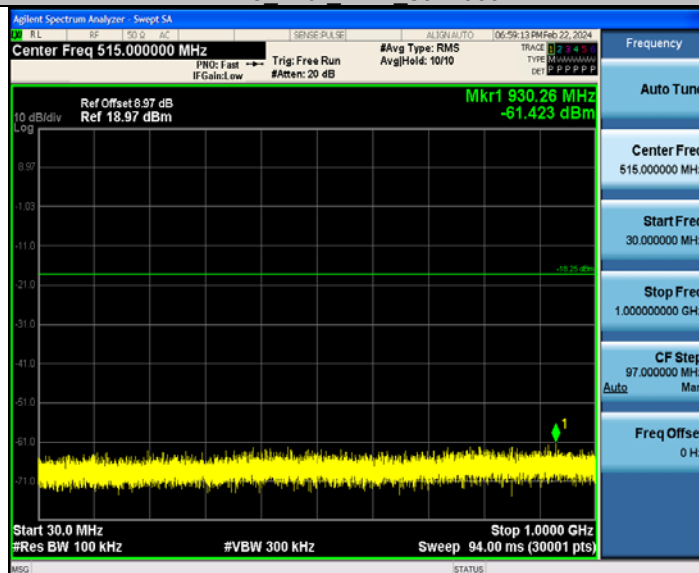
Test Graphs



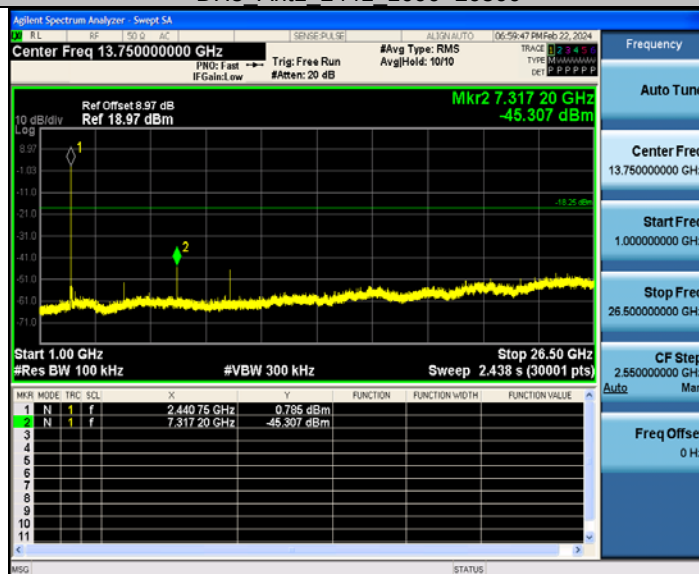
DH5_Ant1_2441_0~Reference



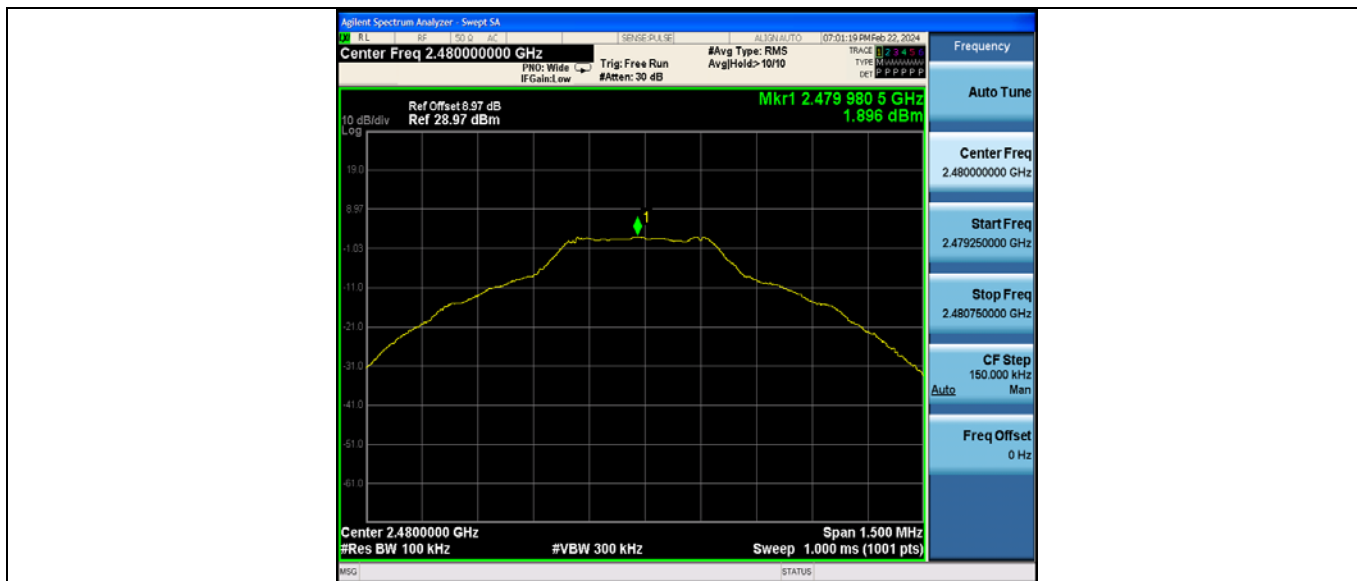
DH5_Ant1_2441_30~1000



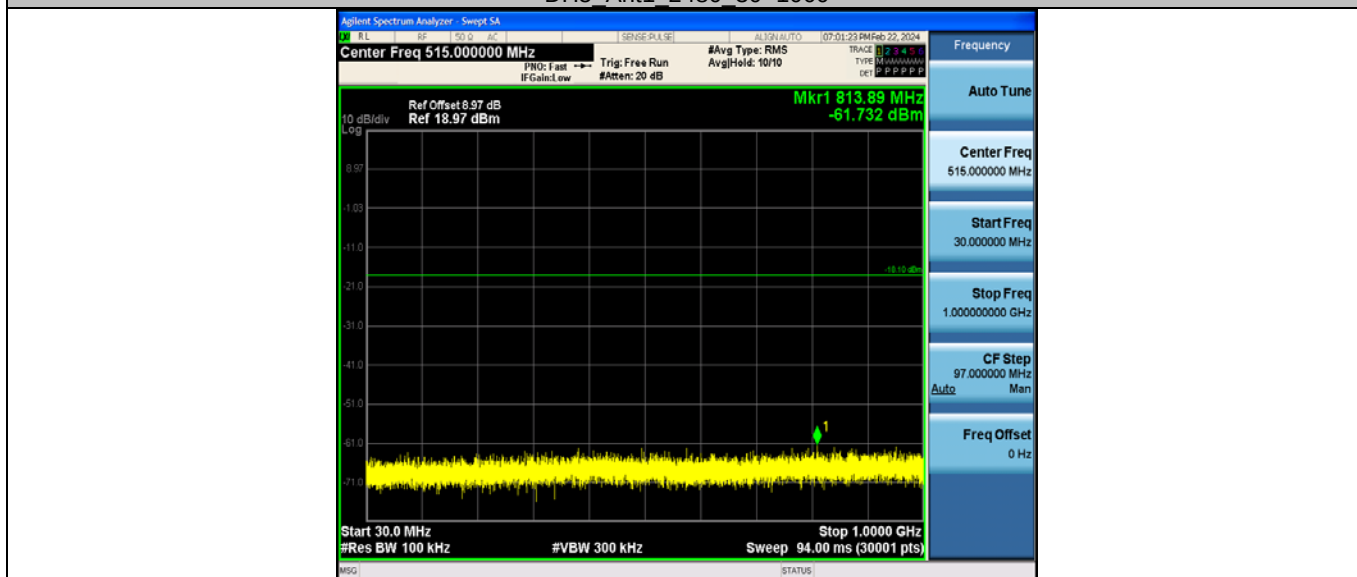
DH5_Ant1_2441_1000~26500



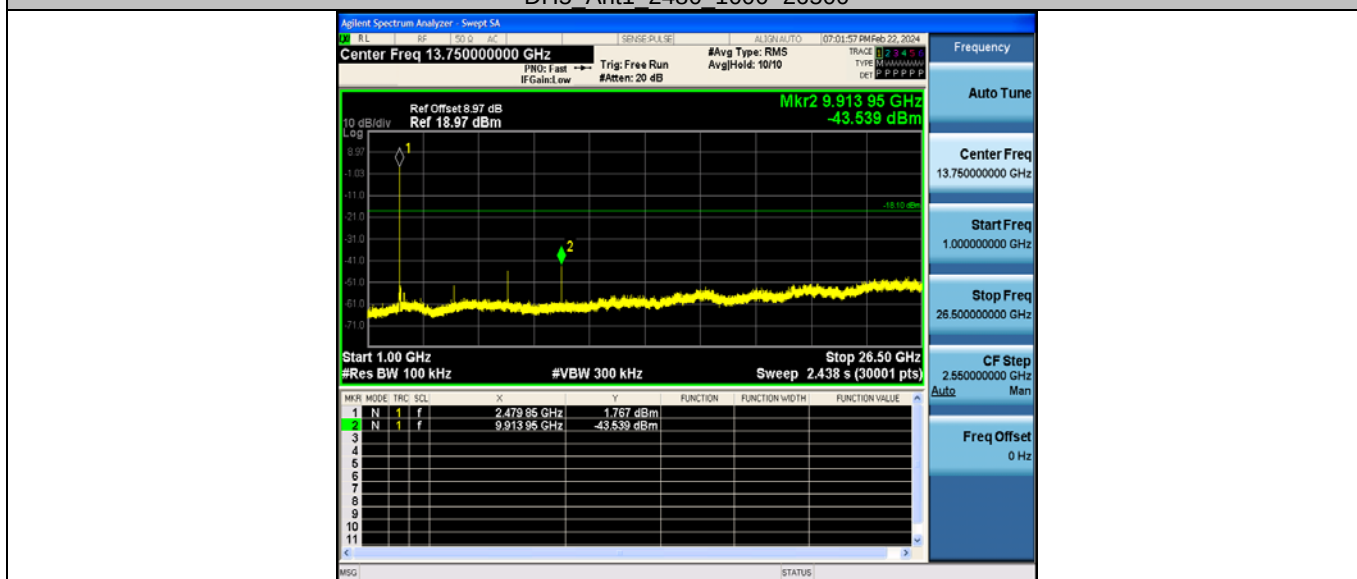
DH5_Ant1_2480_0~Reference



DH5 Ant1 2480 30~1000



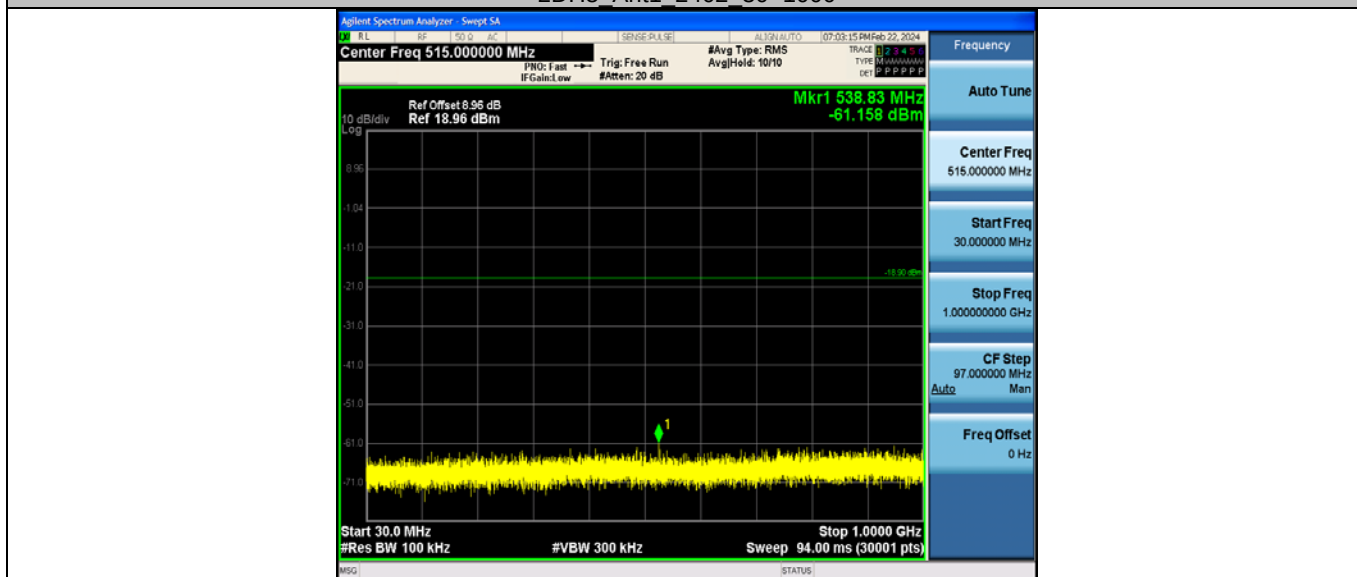
DH5 Ant1 2480 1000~26500



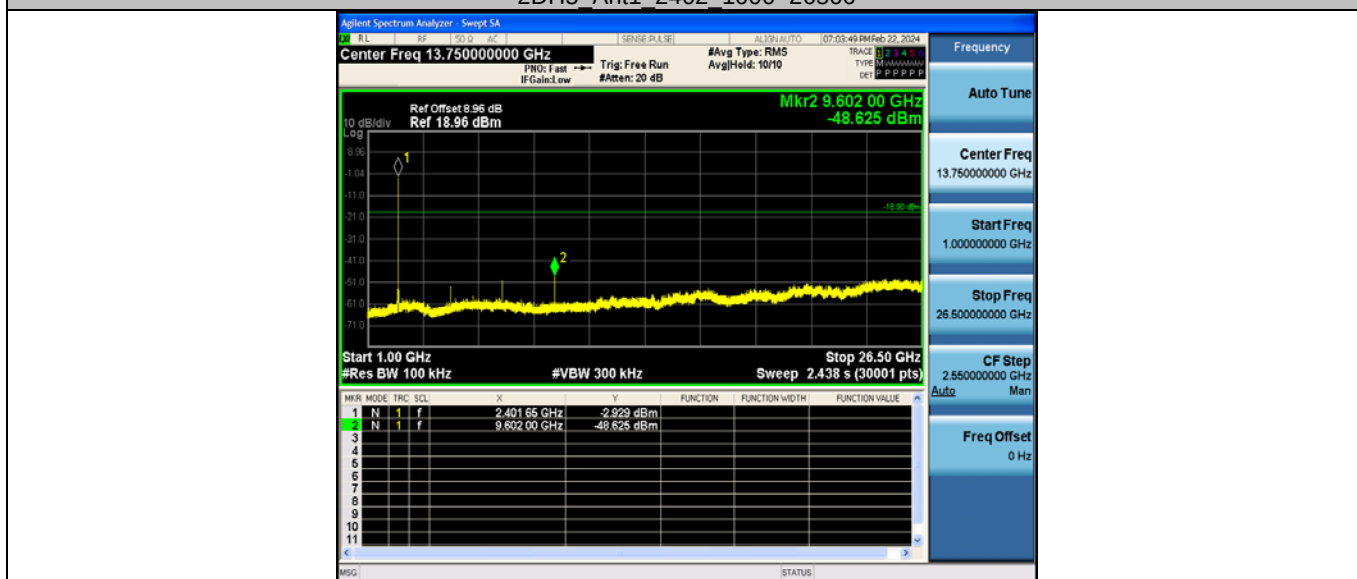
2DH5 Ant1 2402 0~Reference



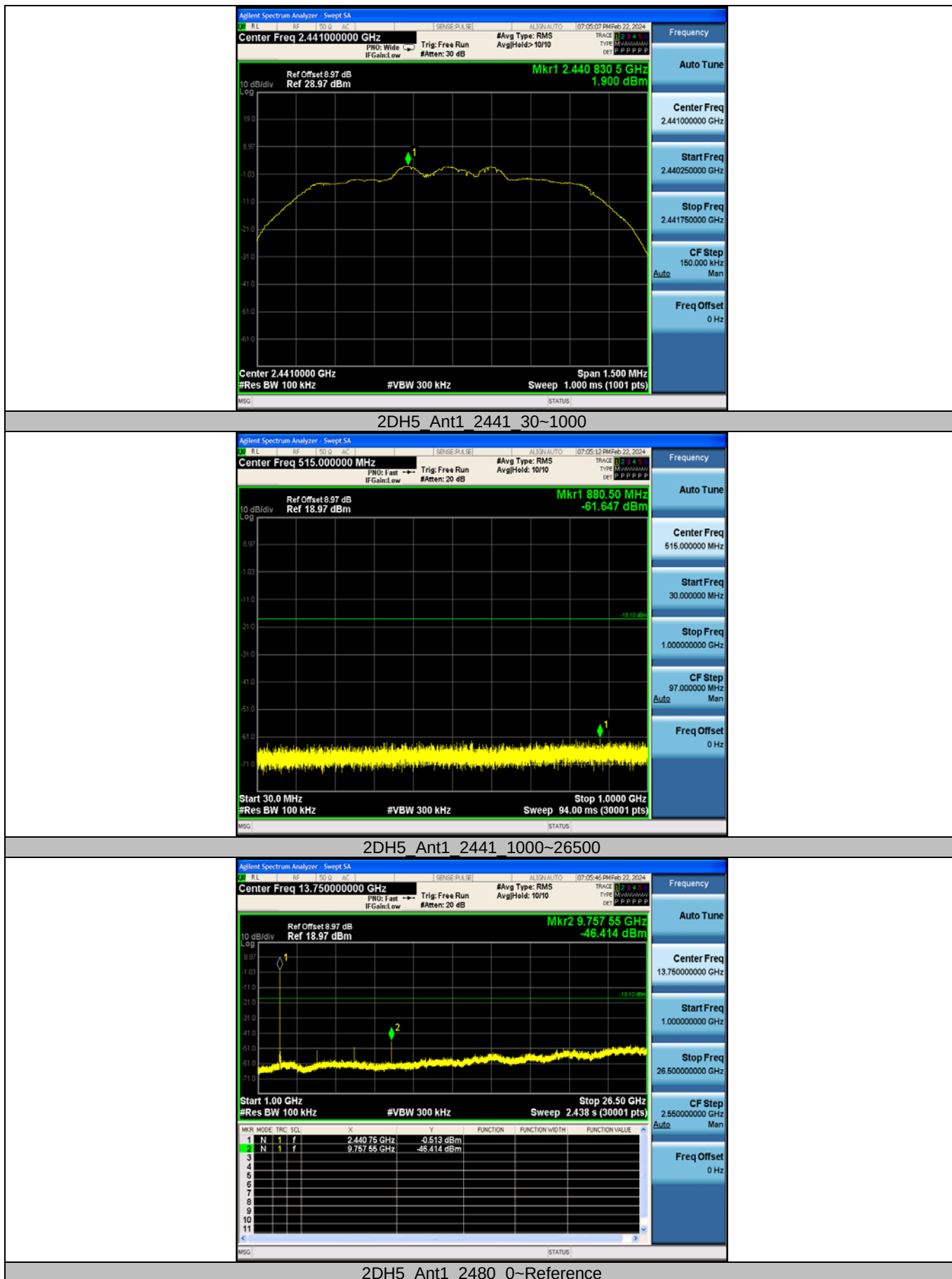
2DH5_Ant1_2402_30~1000

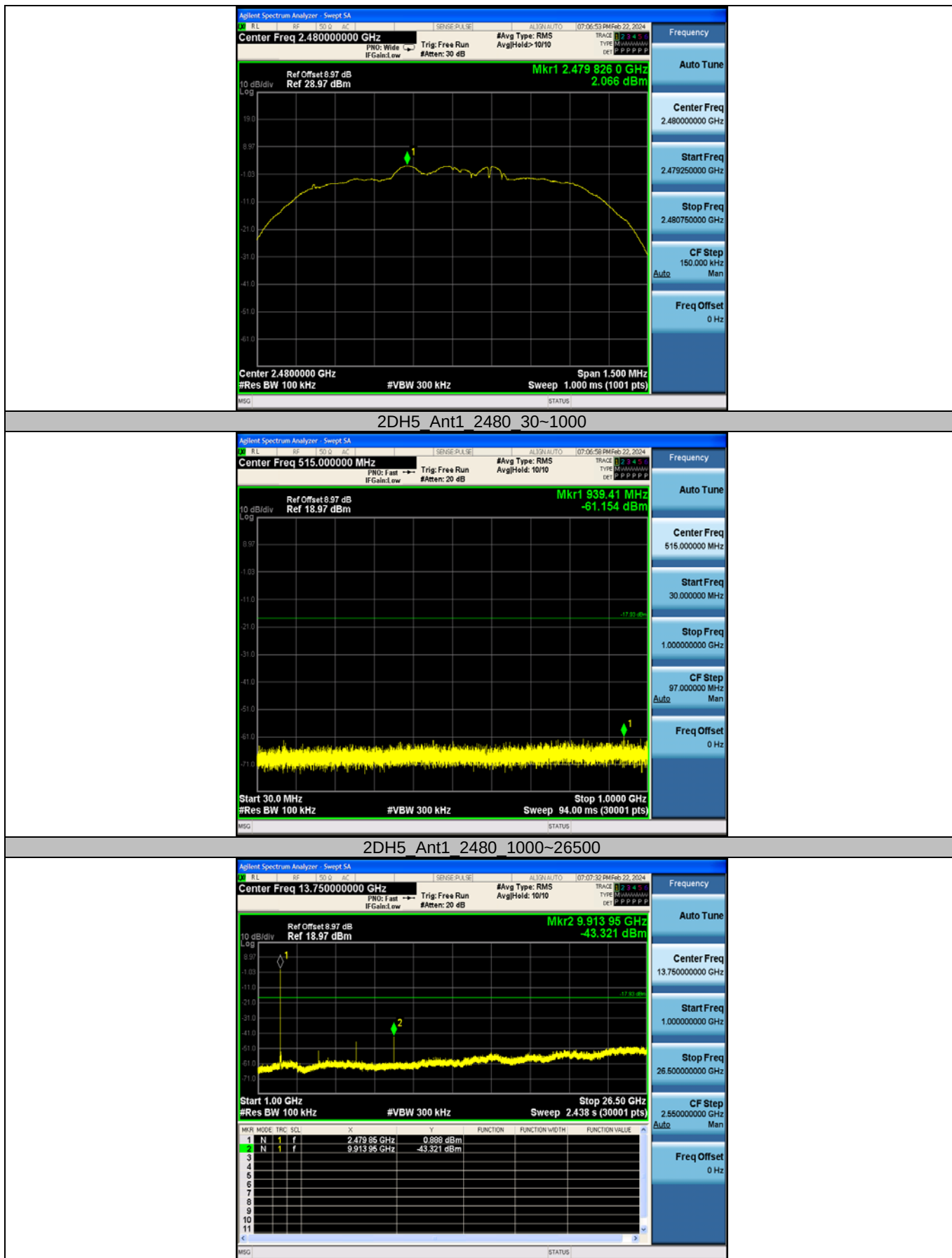


2DH5_Ant1_2402_1000~26500



2DH5_Ant1_2441_0~Reference





----End of Report----