

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	43.91	0.66	44.57	74.00	-29.43	peak
2		4960.000	38.97	0.66	39.63	54.00	-14.37	AVG
3		7440.000	42.94	7.94	50.88	74.00	-23.12	peak
4		7440.000	36.81	7.94	44.75	54.00	-9.25	AVG
5		9920.000	49.68	9.69	59.37	74.00	-14.63	peak
6	*	9920.000	41.20	9.69	50.89	54.00	-3.11	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	43.56	0.66	44.22	74.00	-29.78	peak
2		4960.000	38.55	0.66	39.21	54.00	-14.79	AVG
3		7440.000	42.85	7.94	50.79	74.00	-23.21	peak
4		7440.000	37.29	7.94	45.23	54.00	-8.77	AVG
5		9920.000	43.76	9.69	53.45	74.00	-20.55	peak
6	*	9920.000	38.50	9.69	48.19	54.00	-5.81	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	0.960
		2441	0.954
		2480	0.960
2DH5	Ant1	2402	1.317
		2441	1.284
		2480	1.311

Test Graphs





2DH5 Ant1 2441



2DH5 Ant1 2480

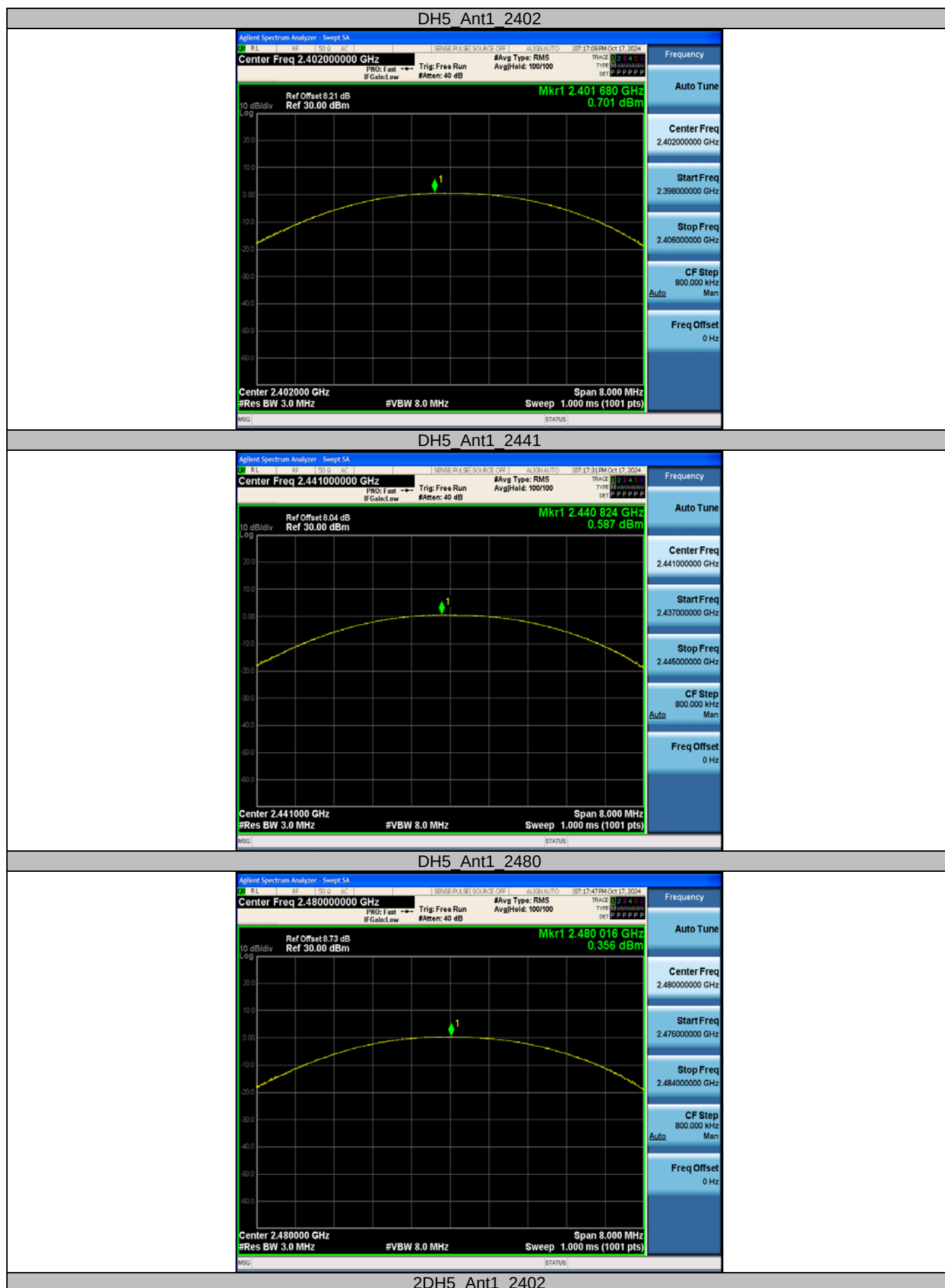


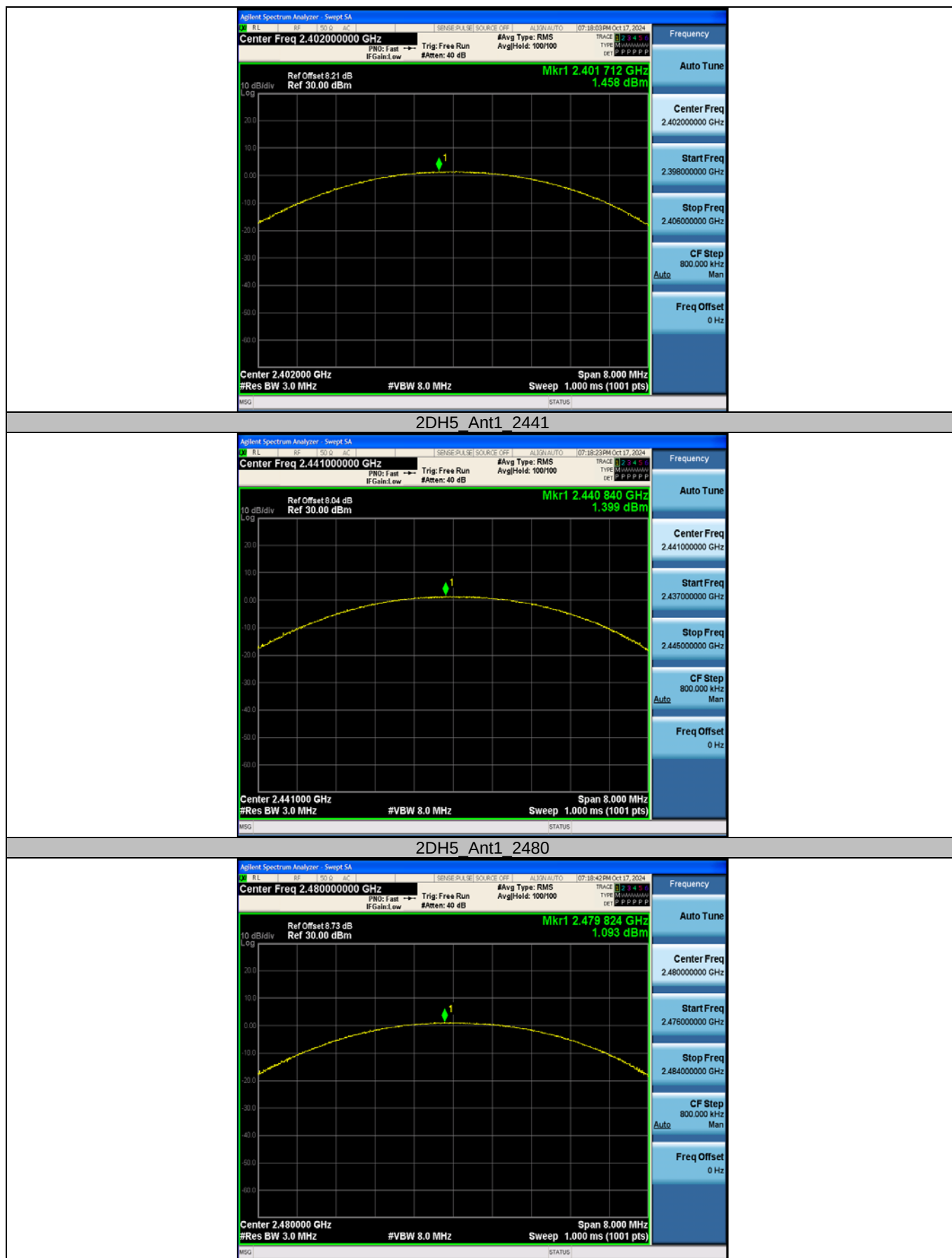
Appendix B: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0.70	≤30	PASS
		2441	0.59	≤30	PASS
		2480	0.36	≤30	PASS
2DH5	Ant1	2402	1.46	≤20.97	PASS
		2441	1.40	≤20.97	PASS
		2480	1.09	≤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	0.996	≥ 0.640	PASS
2DH5	Ant1	Hop	1.002	≥ 0.878	PASS

Test Graphs



Appendix D: Time of occupancy

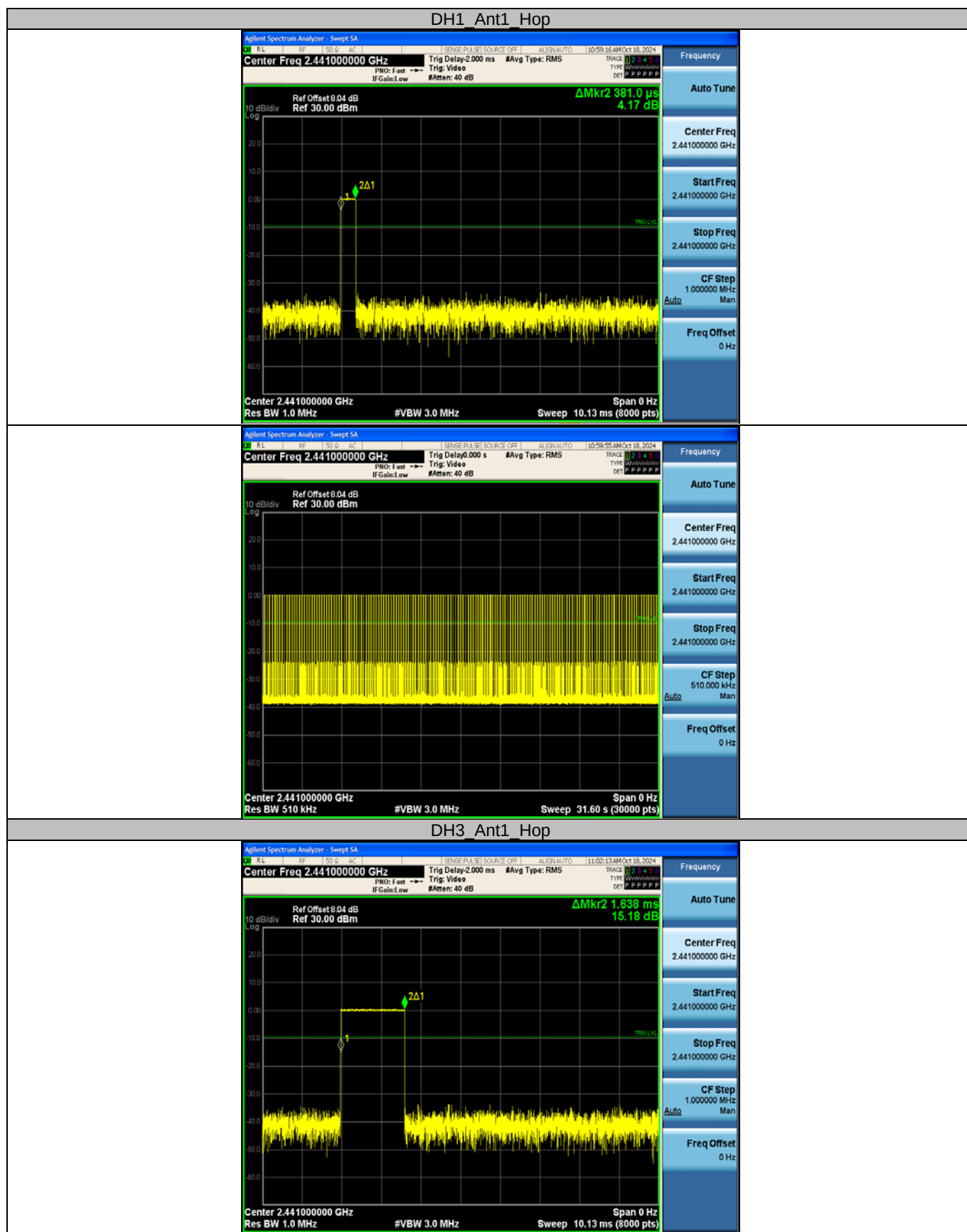
Test Result

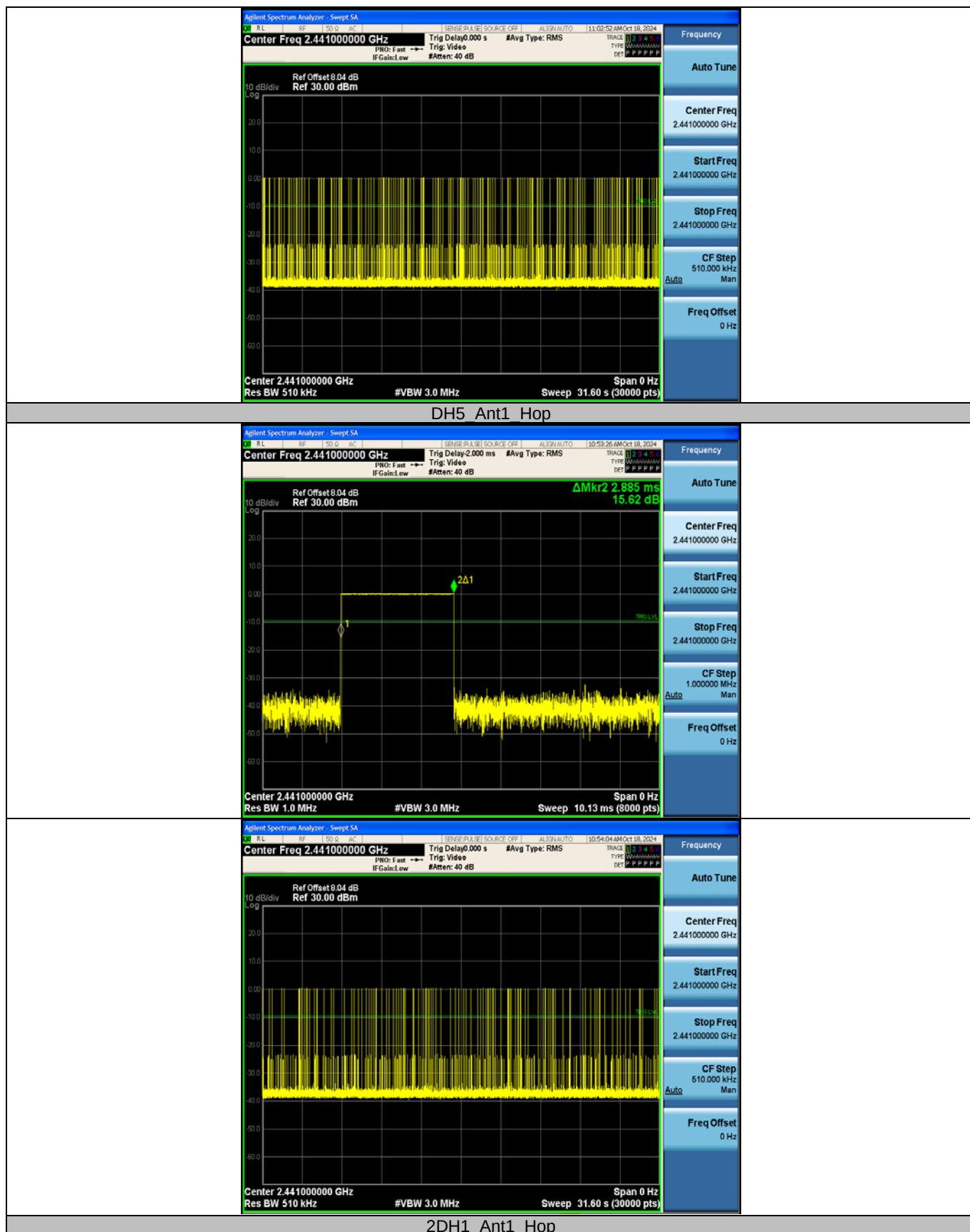
Test Mode	Antenna	Frequency [MHz]	BurstWidth [ms]	Hops in 31.6s [Num]	Result [s]	Limit [s]	Verdict
DH1	Ant1	Hop	0.381	317	0.121	≤0.4	PASS
DH3	Ant1	Hop	1.638	162	0.265	≤0.4	PASS
DH5	Ant1	Hop	2.885	108	0.312	≤0.4	PASS
2DH1	Ant1	Hop	0.390	316	0.123	≤0.4	PASS
2DH3	Ant1	Hop	1.642	152	0.25	≤0.4	PASS
2DH5	Ant1	Hop	2.891	114	0.33	≤0.4	PASS

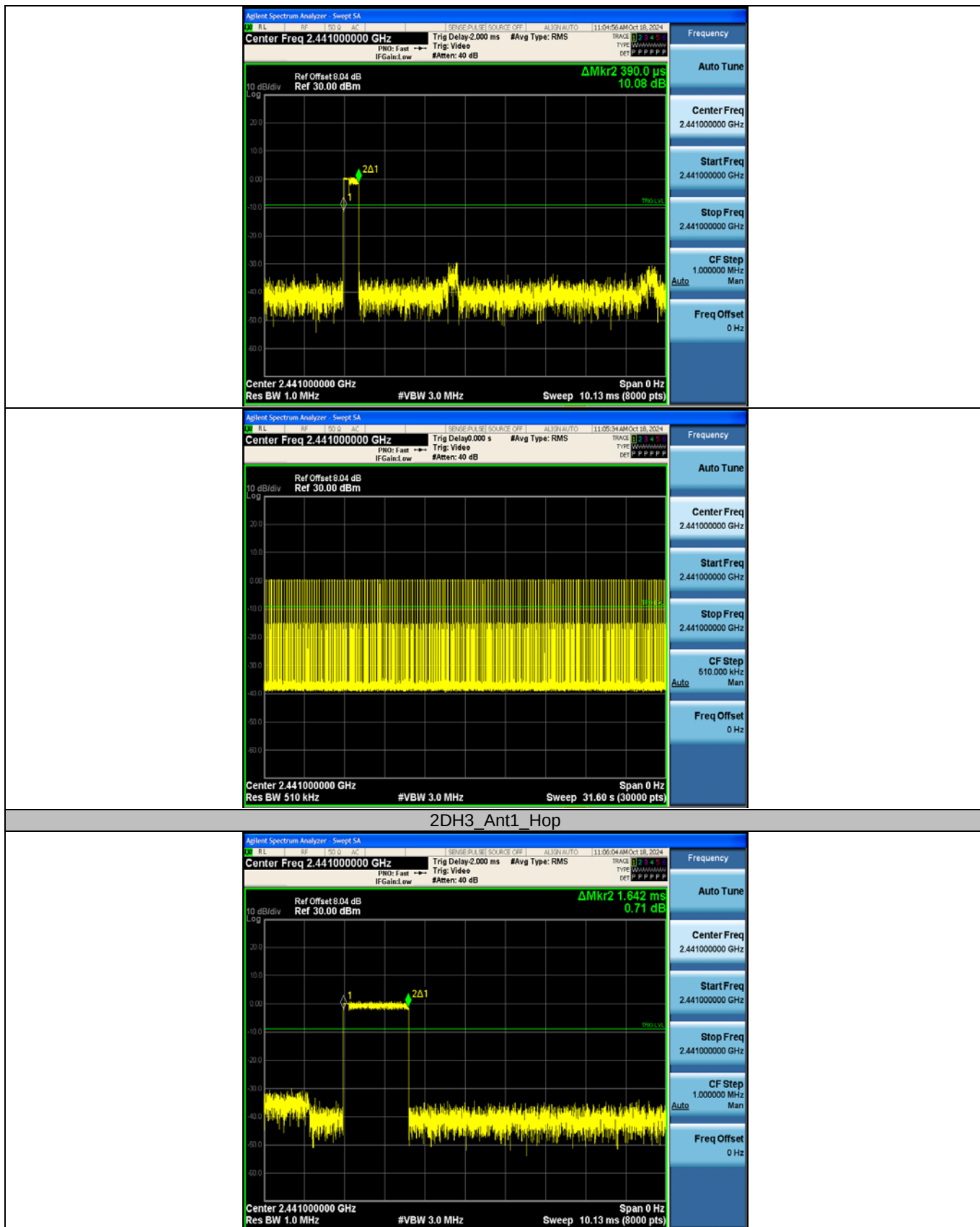
Notes:

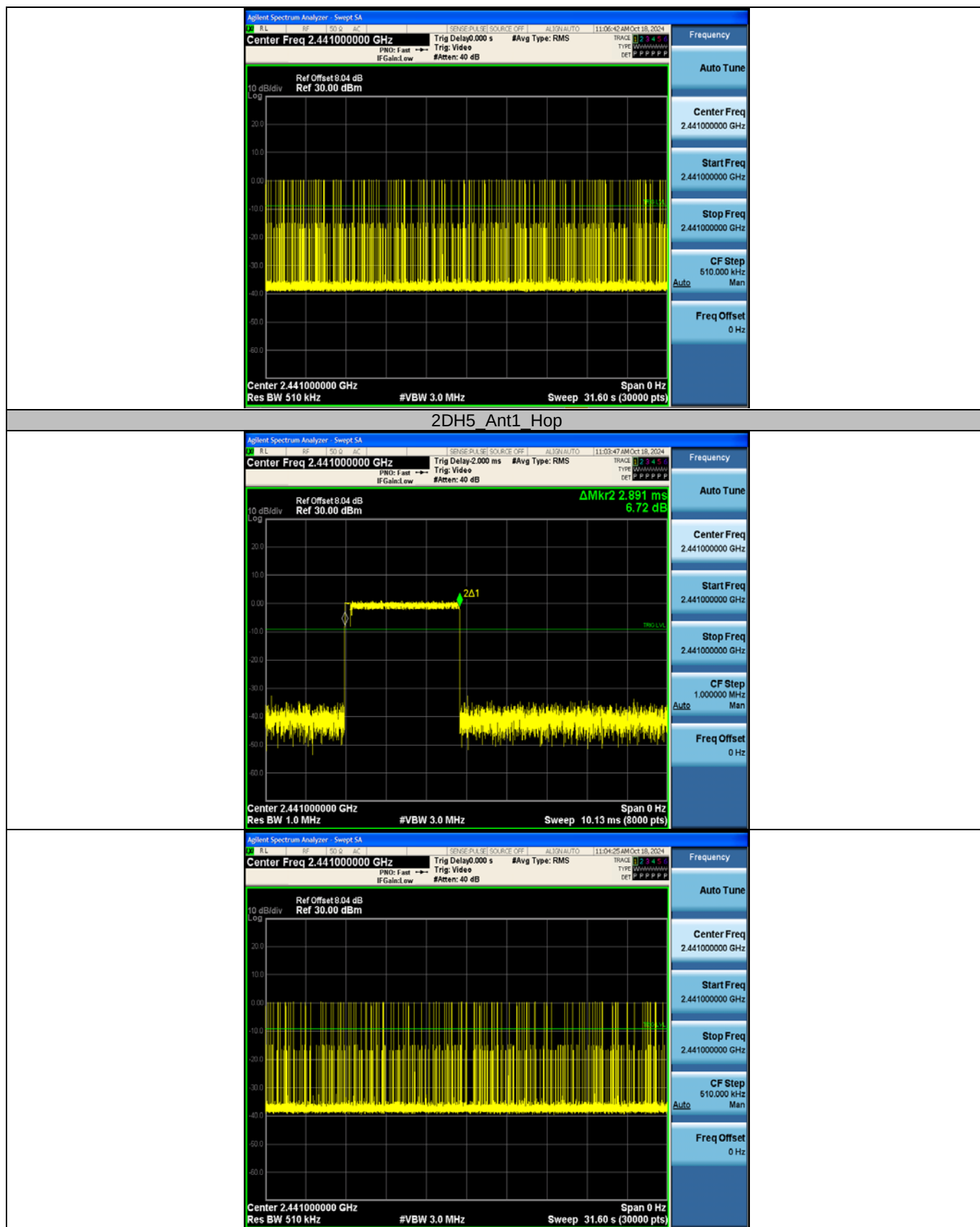
1. Period time = 0.4s * 79 = 31.6s
2. Result (Time of occupancy) = BurstWidth[ms] * Hops in 31.6s [Num]

Test Graphs







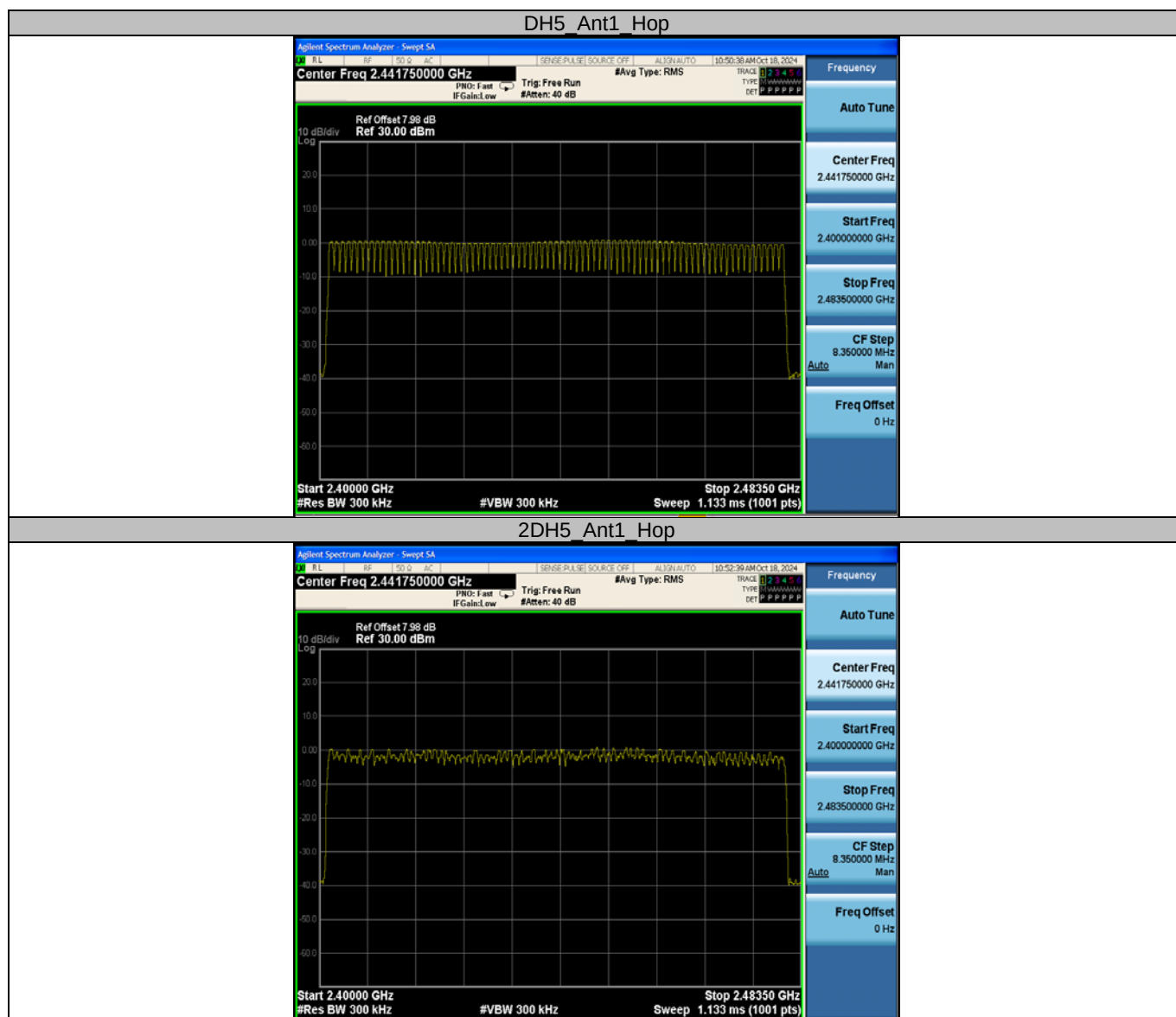


Appendix E: Number of hopping channels

Test Result

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

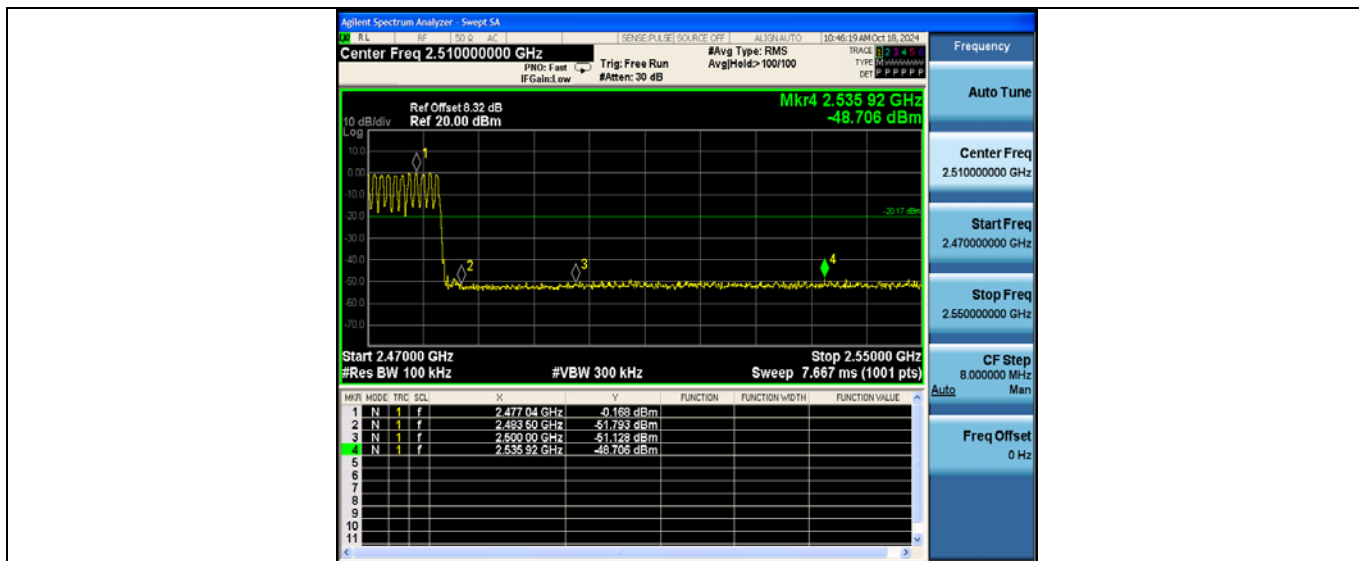
Test Graphs



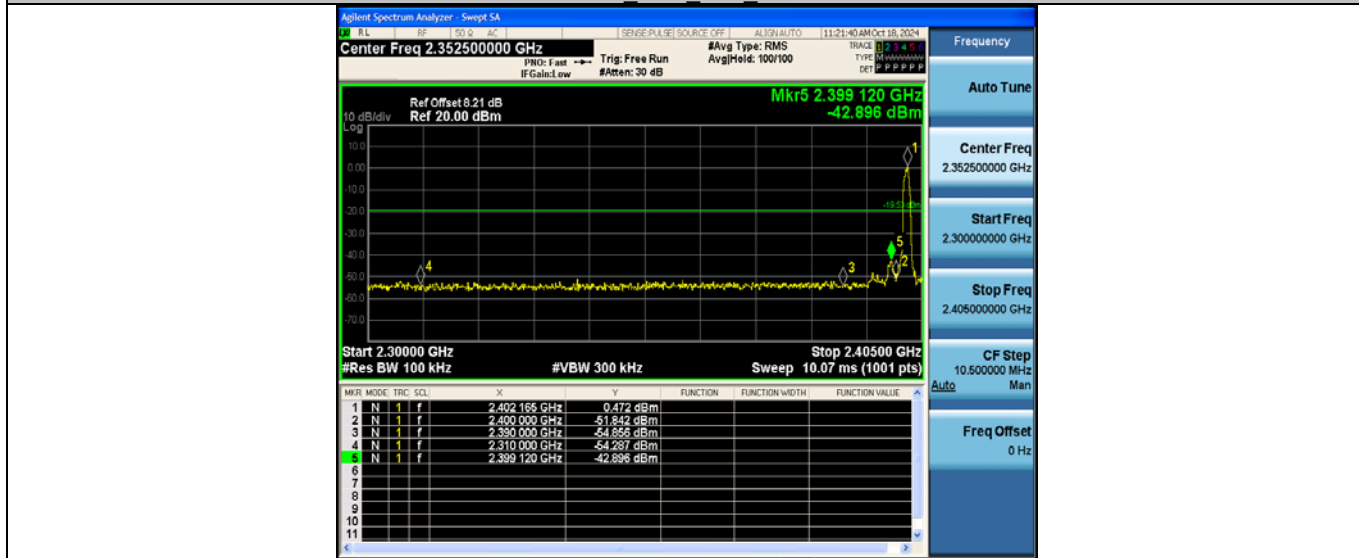
Appendix F: Band edge measurements

Test Graphs

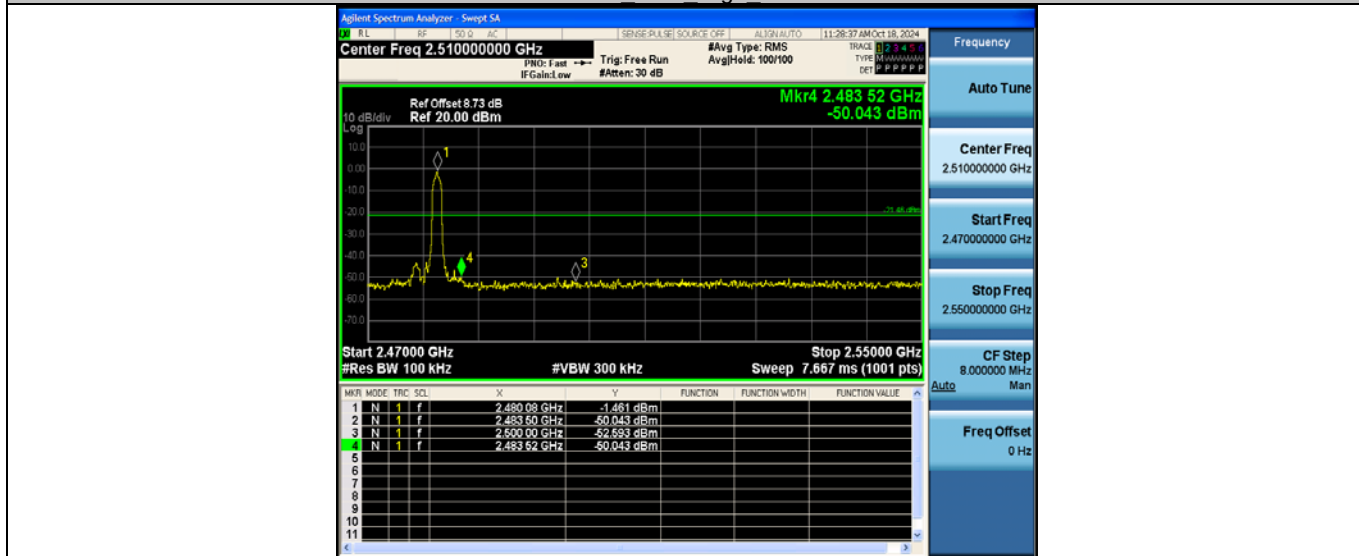




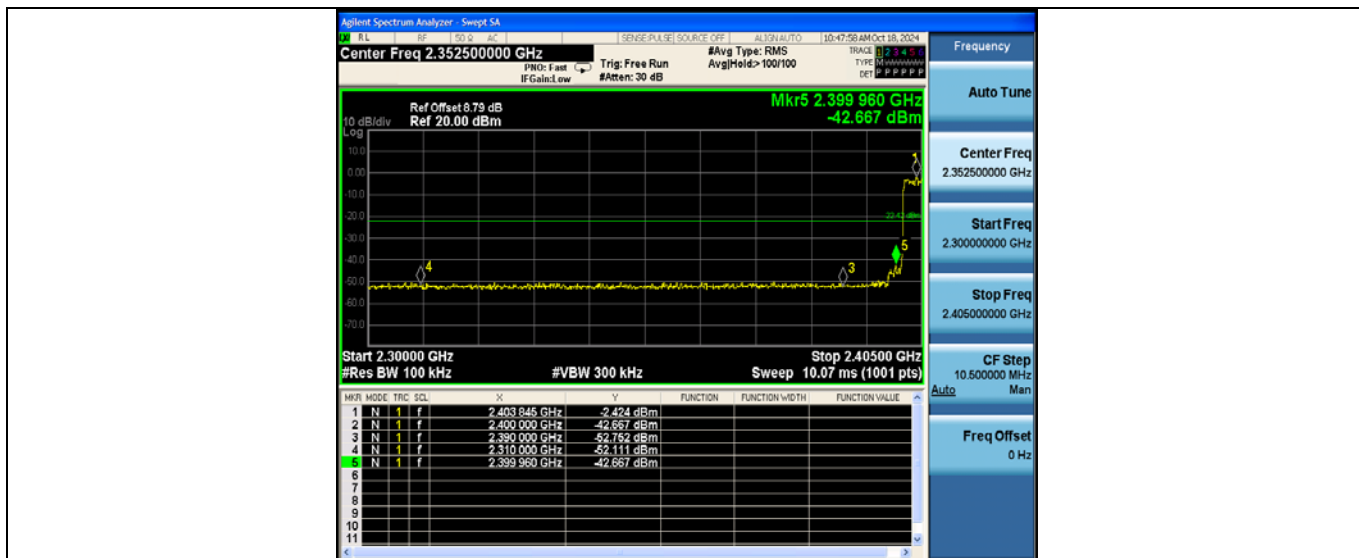
2DH5 Ant1 Low 2402



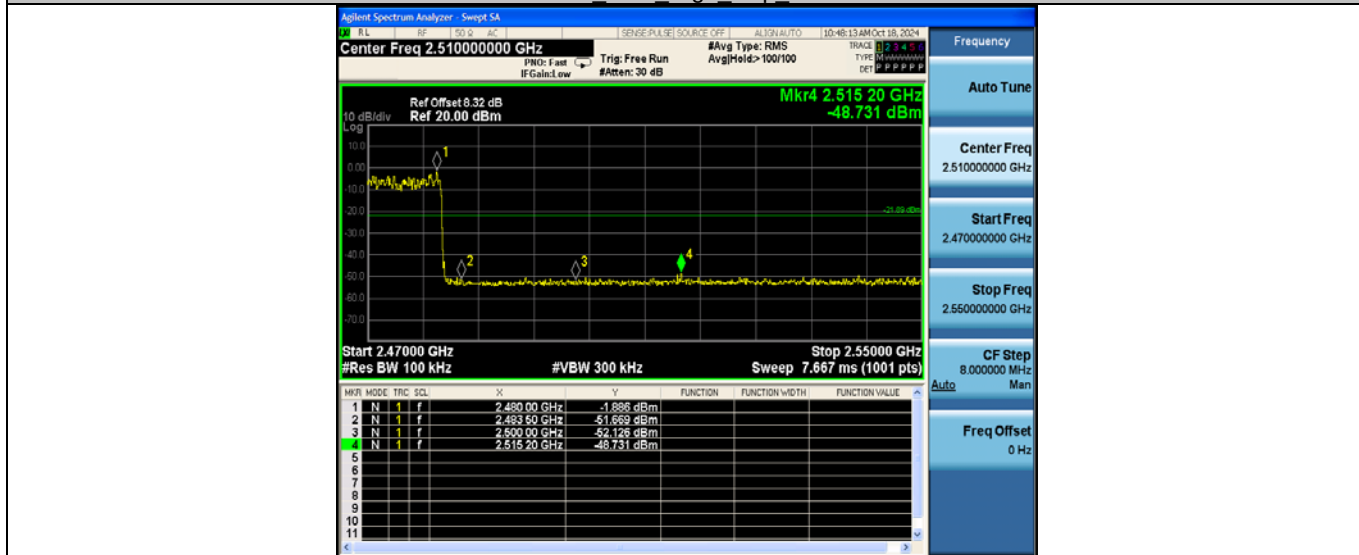
2DH5 Ant1 High 2480



2DH5 Ant1 Low Hop 2402



2DH5 Ant1 High Hop 2480



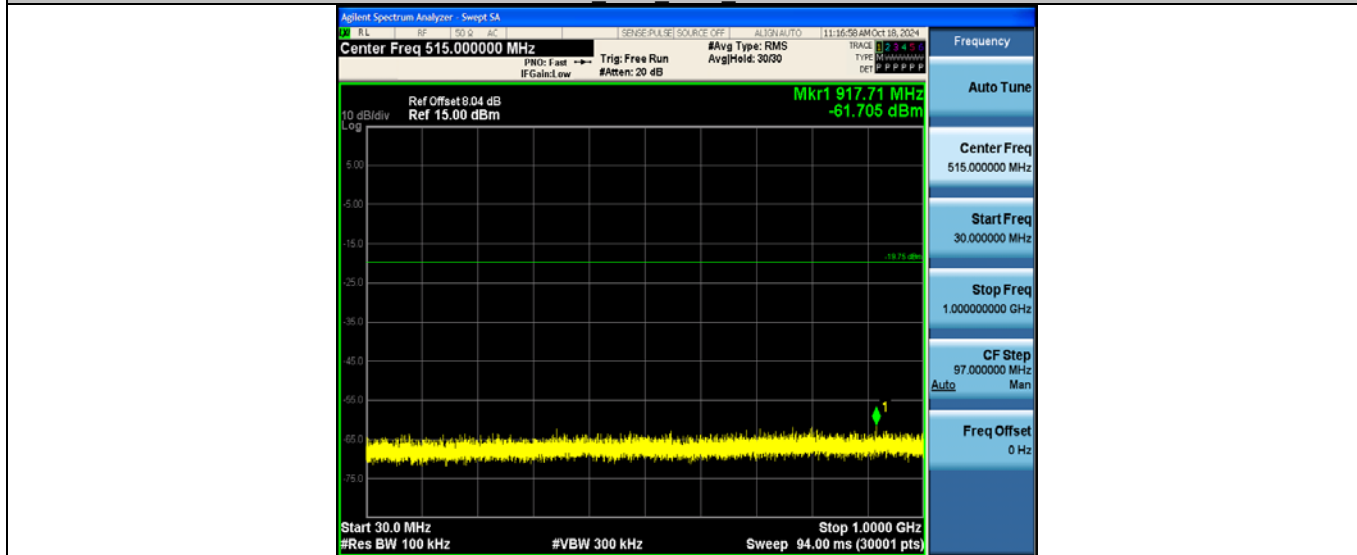
Appendix G: Conducted Spurious Emission

Test Graphs

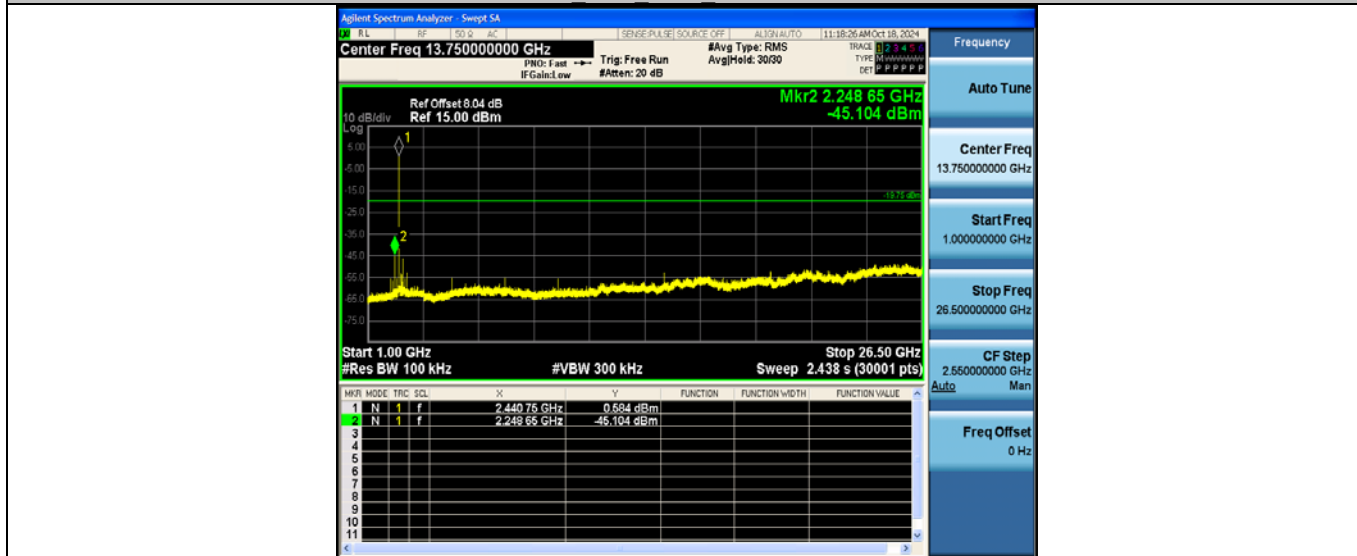




DH5_Ant1_2441_30~1000



DH5_Ant1_2441_1000~26500



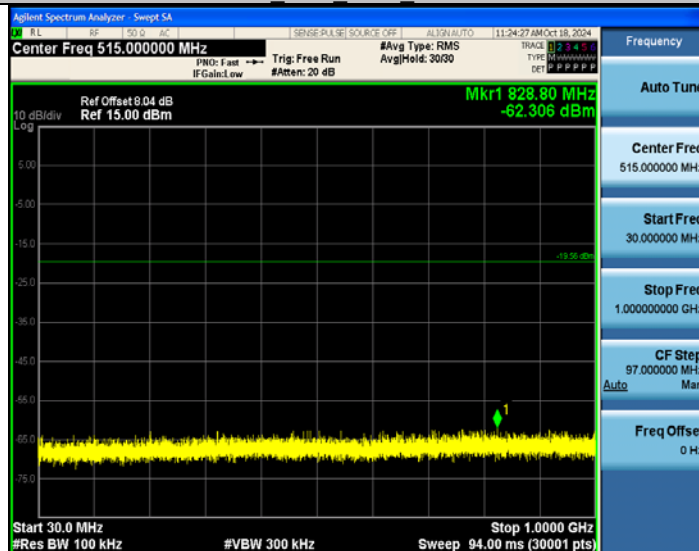
DH5_Ant1_2480_0~Reference



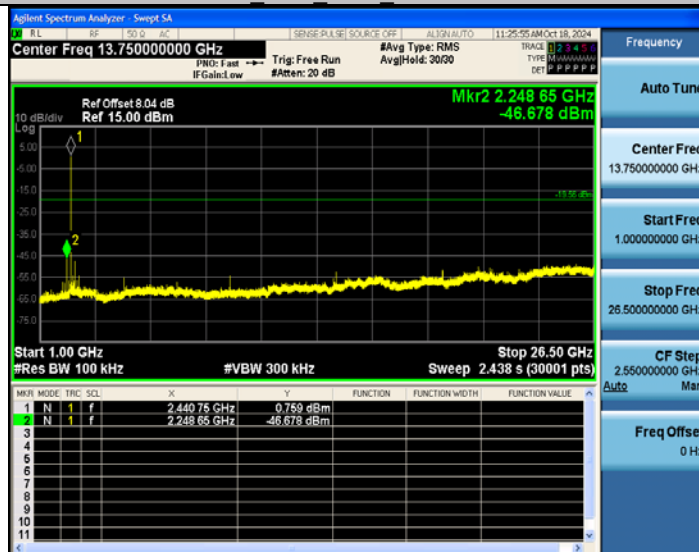




2DH5 Ant1 2441 30~1000



2DH5 Ant1 2441 1000~26500



2DH5 Ant1 2480 0~Reference



----End of Report----