

Photographs of the EUT

Refer to Appendix - EUT Photos

Appendix

Appendix A: 20dB Emission Bandwidth

Test Result

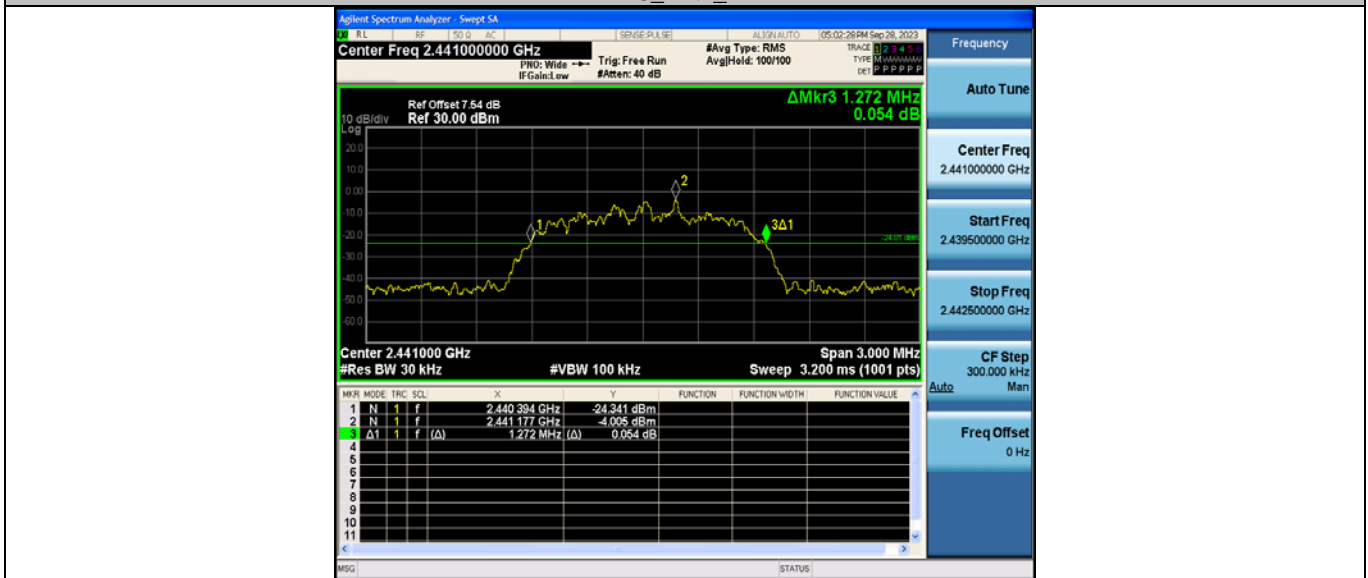
Test Mode	Antenna	Frequency [MHz]	20db EBW [MHz]
DH5	Ant1	2402	0.942
		2441	0.954
		2480	0.945
2DH5	Ant1	2402	1.269
		2441	1.272
		2480	1.359

Test Graphs

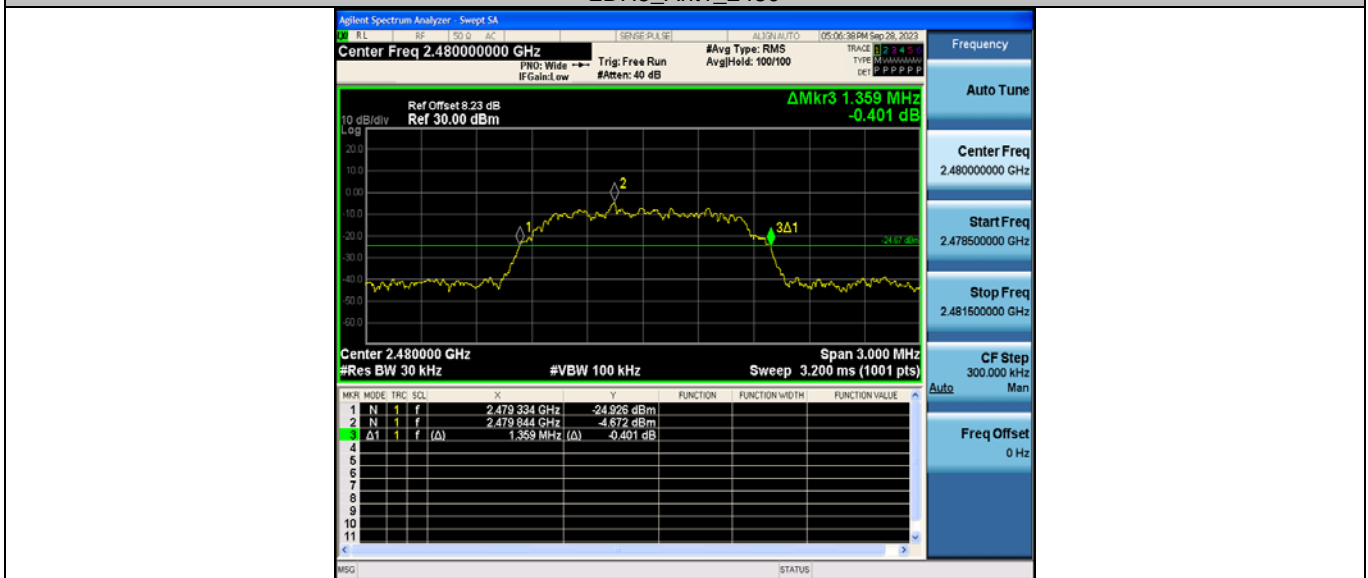




2DH5_Ant1_2441



2DH5_Ant1_2480

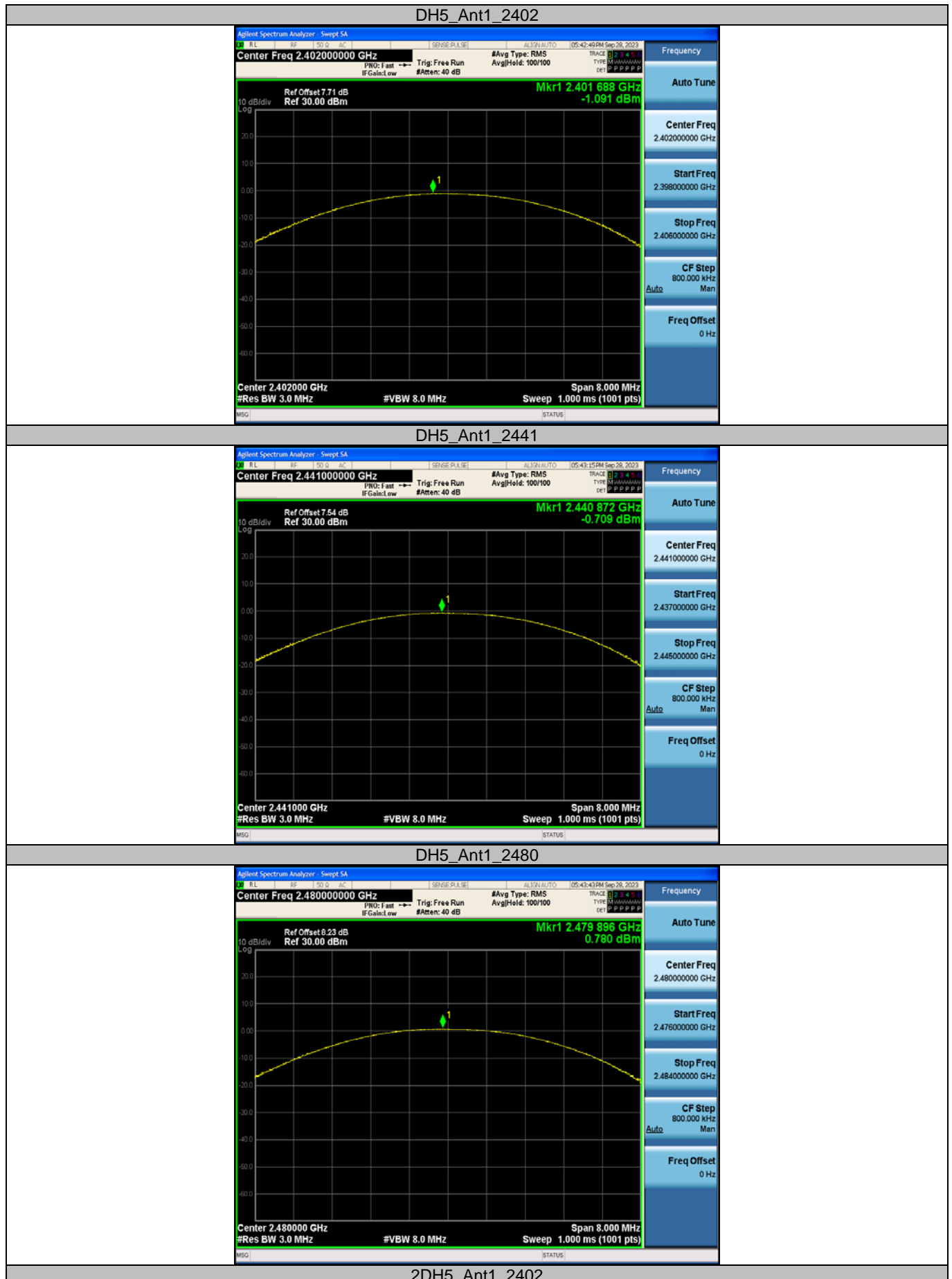


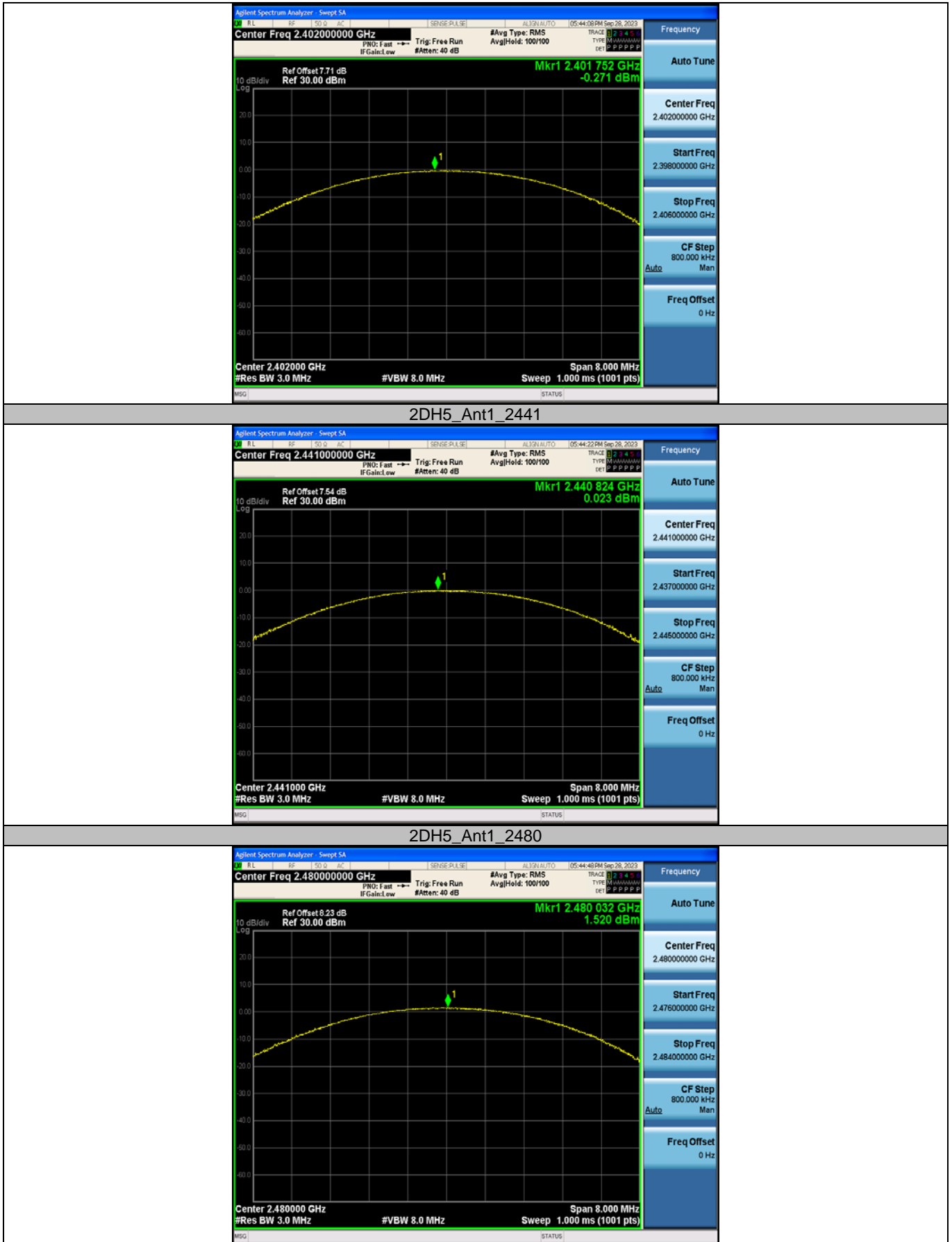
Appendix B: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	-1.09	≤20.97	PASS
		2441	-0.71	≤20.97	PASS
		2480	0.78	≤20.97	PASS
2DH5	Ant1	2402	-0.27	≤20.97	PASS
		2441	0.02	≤20.97	PASS
		2480	1.52	≤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	1.000	≥ 0.636	PASS
2DH5	Ant1	Hop	1.004	≥ 0.906	PASS

Test Graphs



Appendix D: Time of occupancy

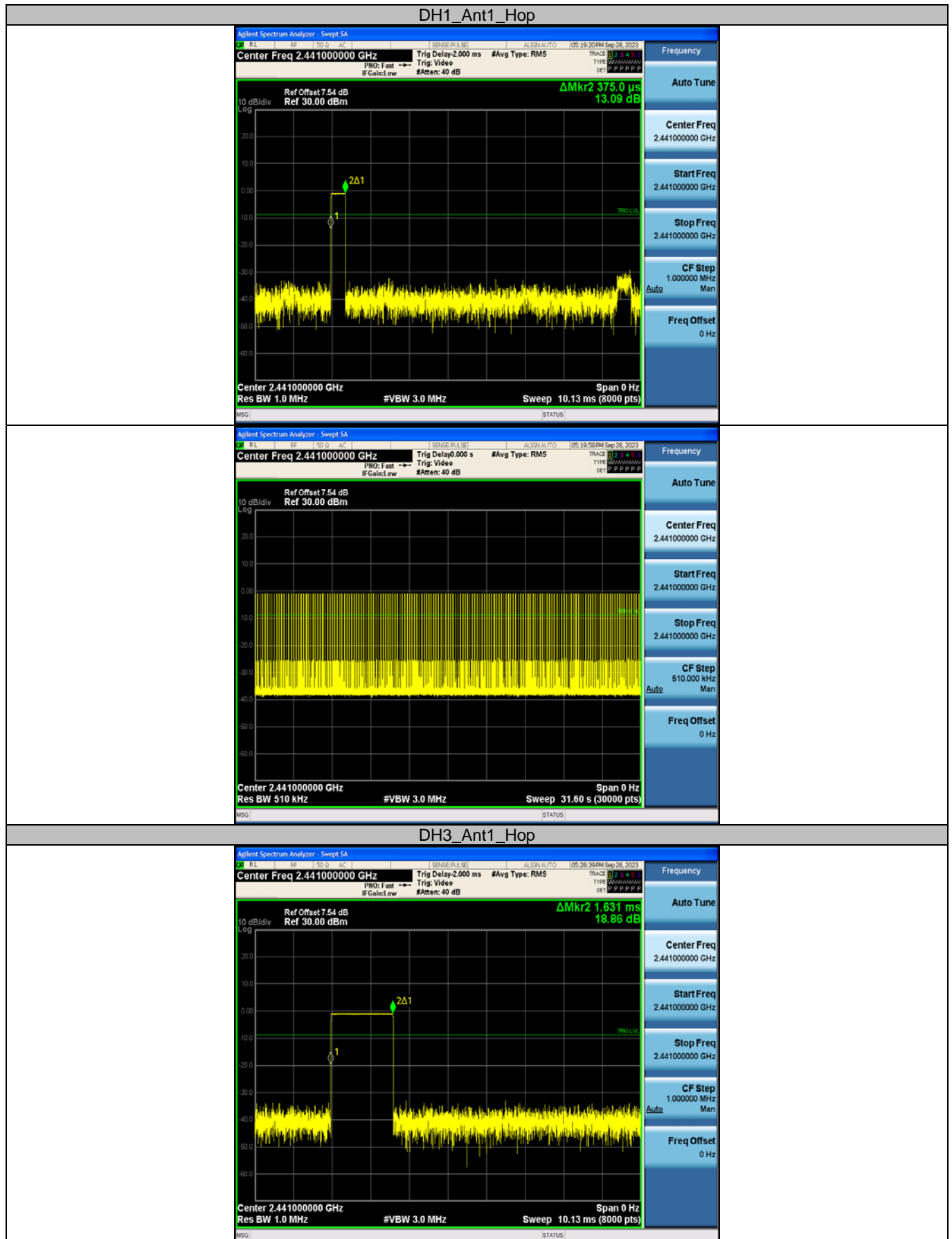
Test Result

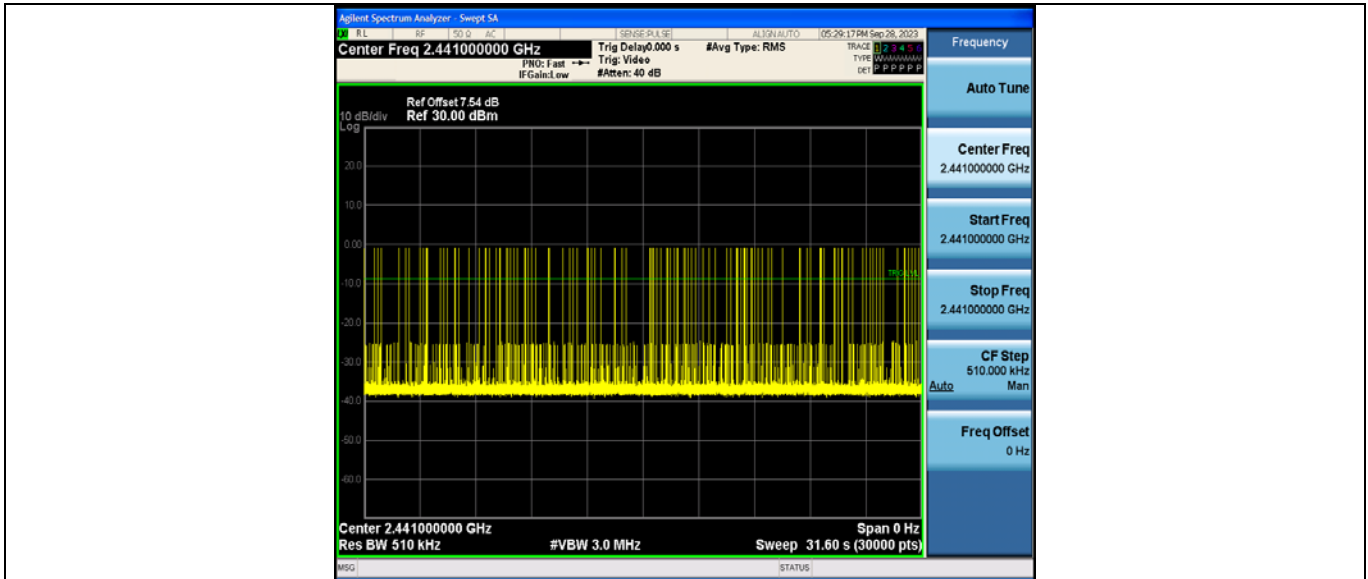
Test Mode	Antenna	Frequency [MHz]	BurstWidth [ms]	Hops in 31.6s [Num]	Result [s]	Limit [s]	Verdict
DH1	Ant1	Hop	0.375	318	0.119	≤0.4	PASS
DH3	Ant1	Hop	1.631	111	0.181	≤0.4	PASS
DH5	Ant1	Hop	2.879	58	0.167	≤0.4	PASS
2DH1	Ant1	Hop	0.385	318	0.122	≤0.4	PASS
2DH3	Ant1	Hop	1.637	96	0.157	≤0.4	PASS
2DH5	Ant1	Hop	2.885	59	0.17	≤0.4	PASS

Notes:

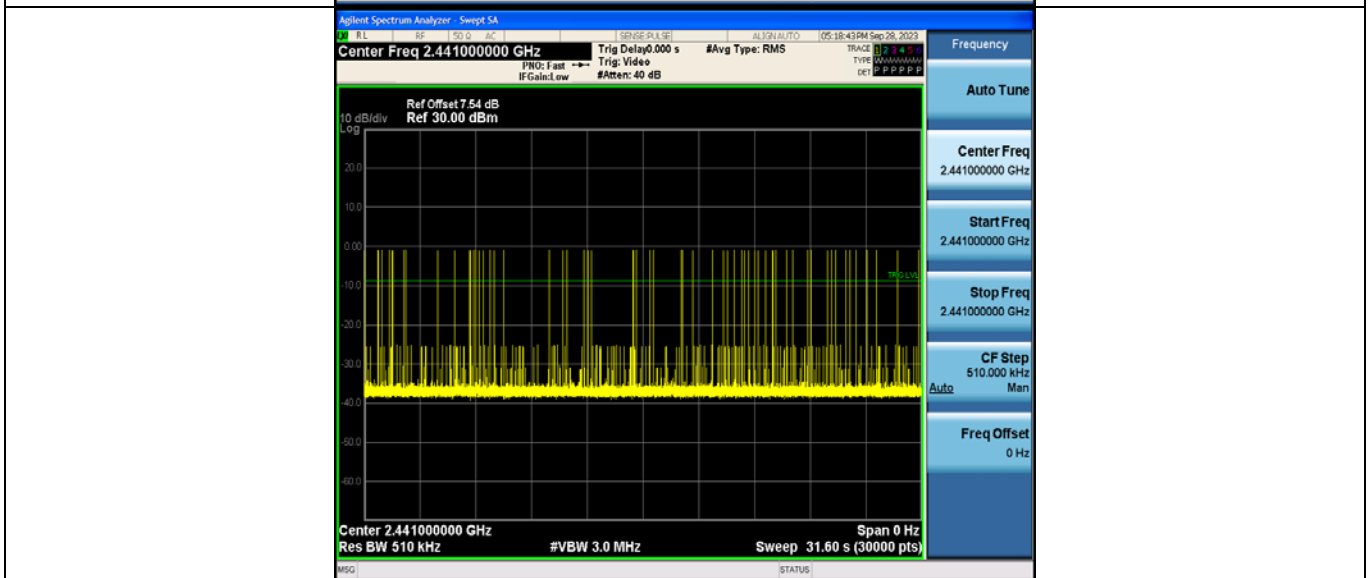
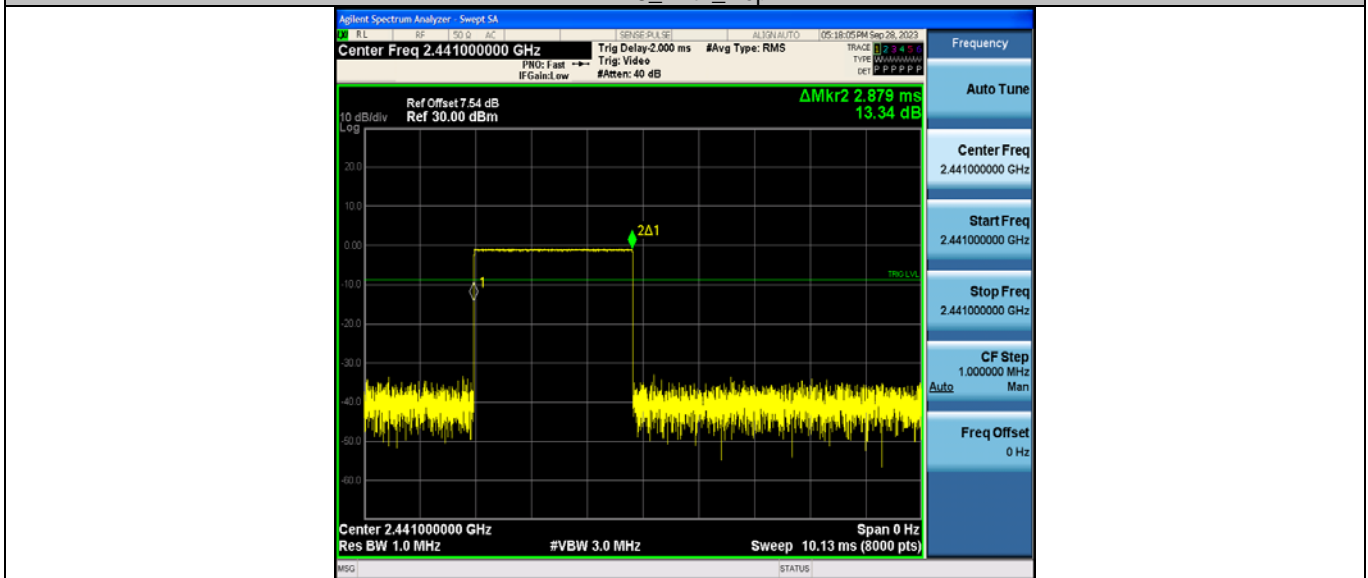
1. Period time = 0.4s * 79 = 31.6s
2. Result (Time of occupancy) = BurstWidth[ms] * Hops in 31.6s [Num]

Test Graphs

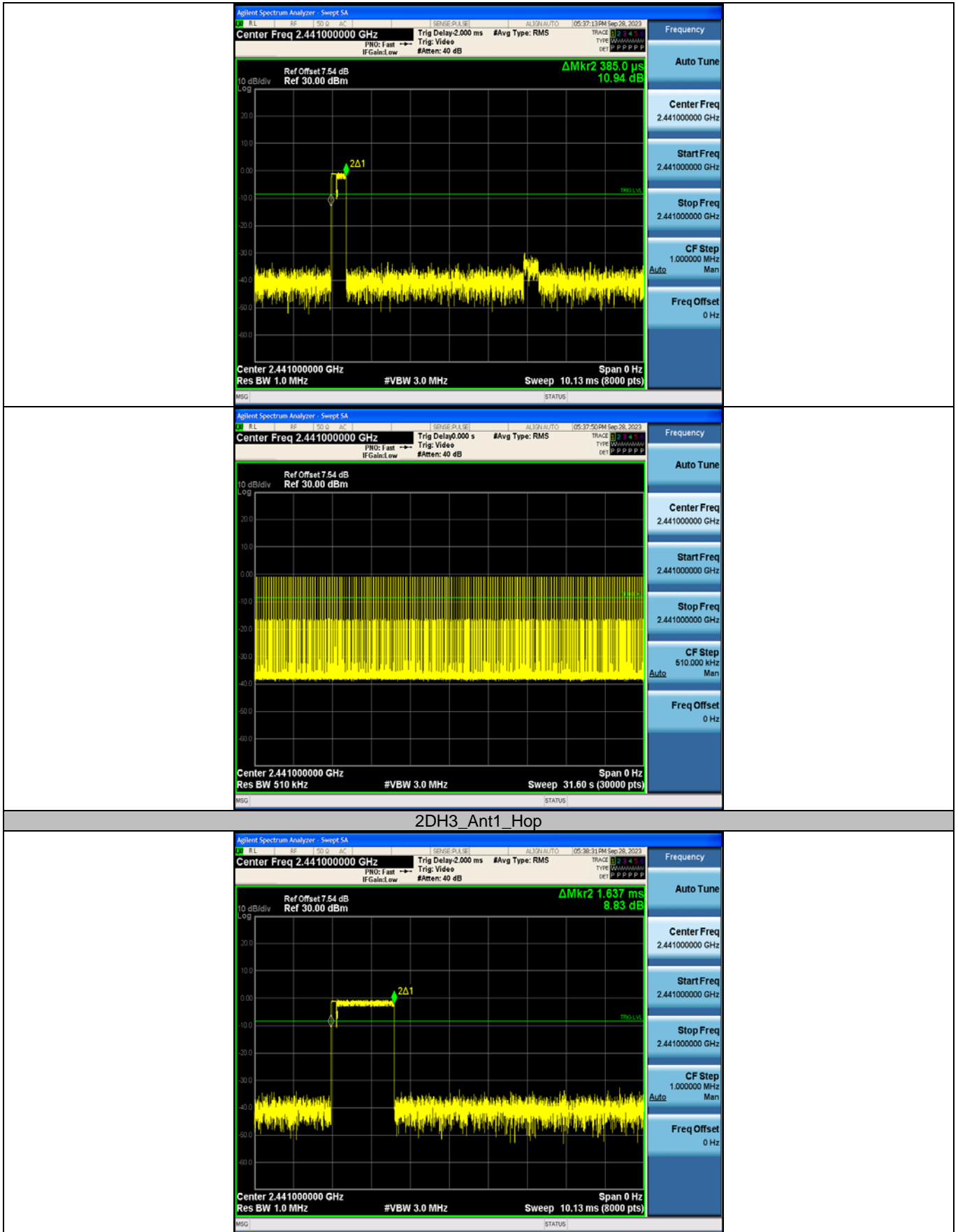


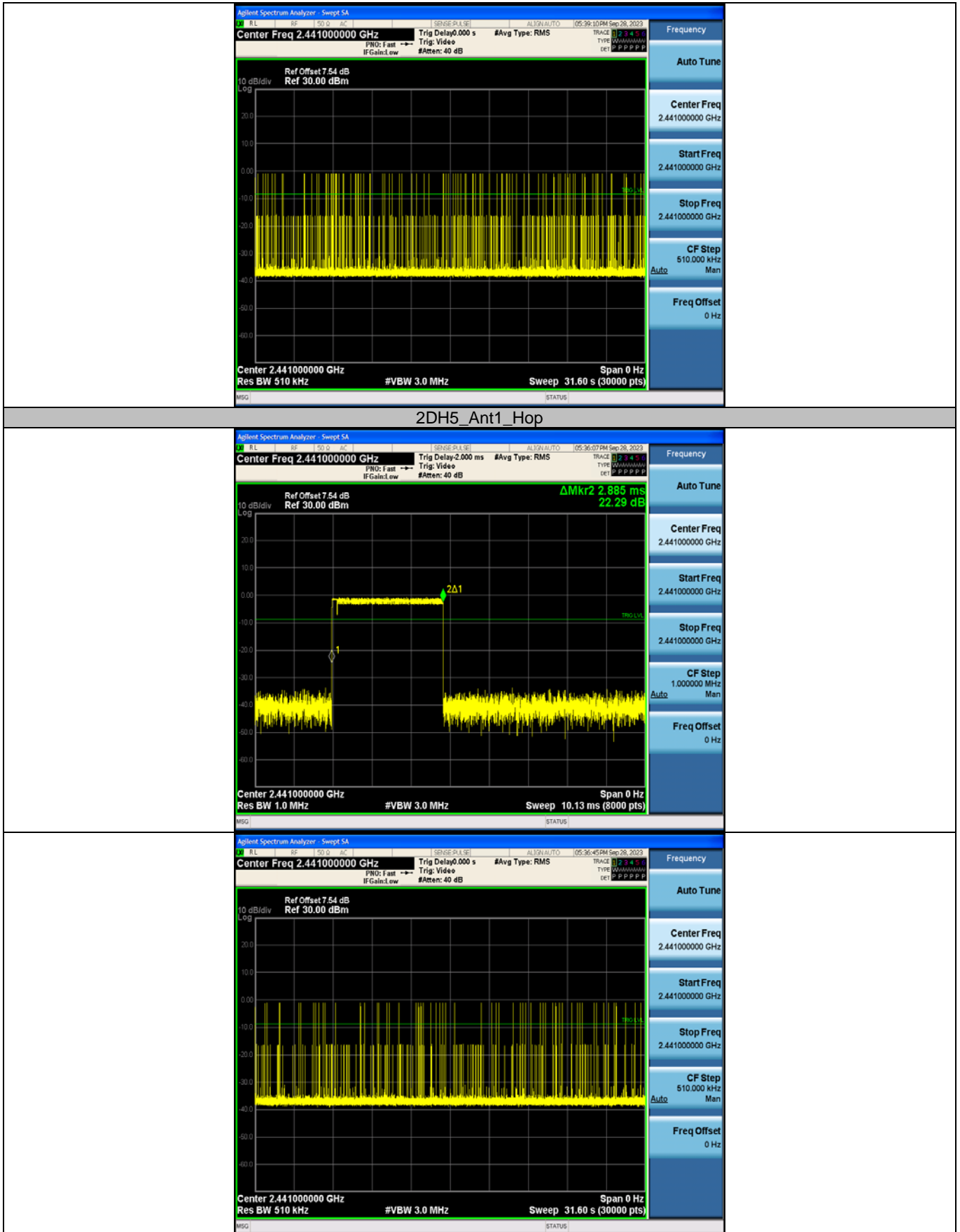


DH5_Ant1_Hop



2DH1_Ant1_Hop





Appendix E: Number of hopping channels

Test Result

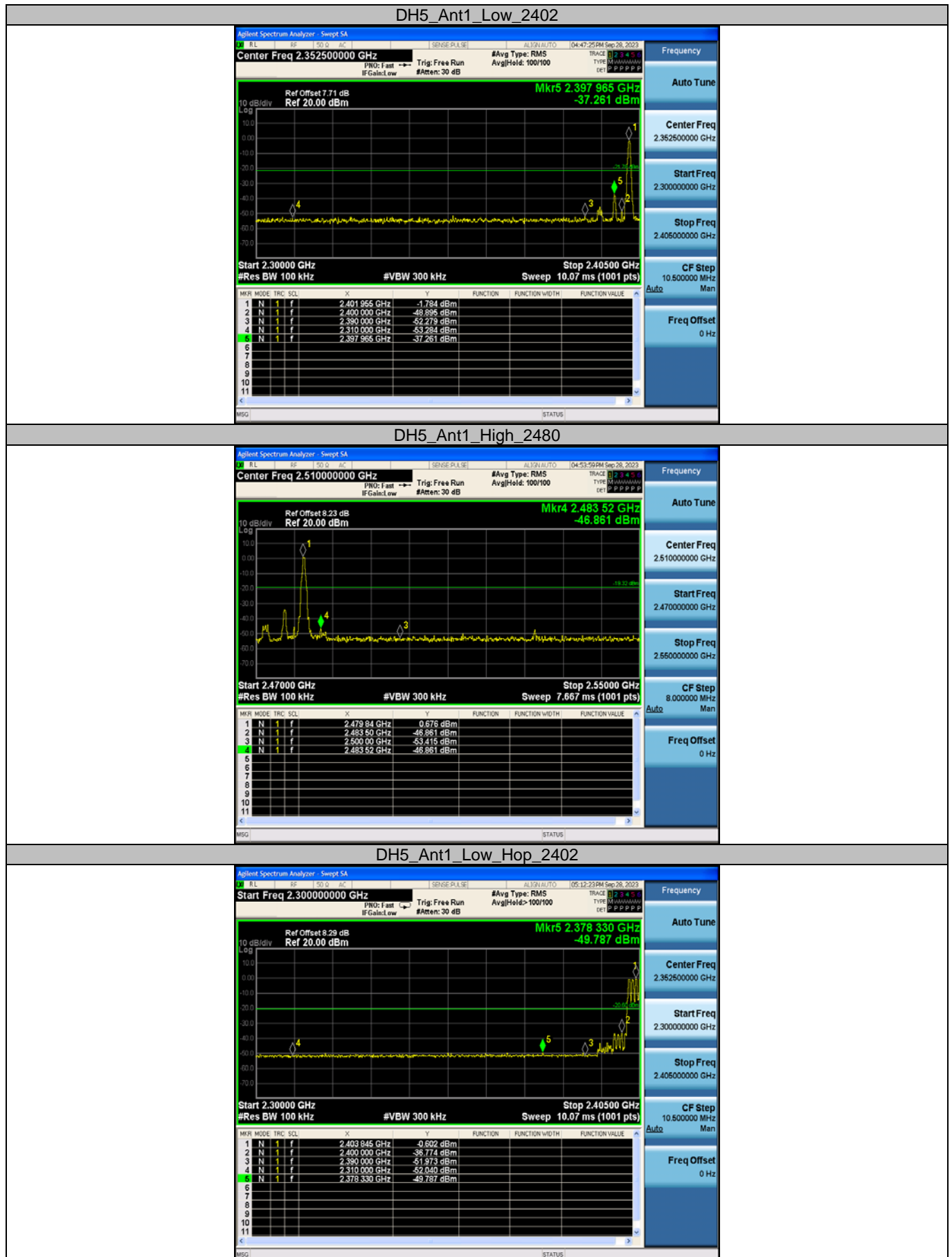
Test Mode	Antenna	Frequency [MHz]	Result [Num]	Limit [Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS

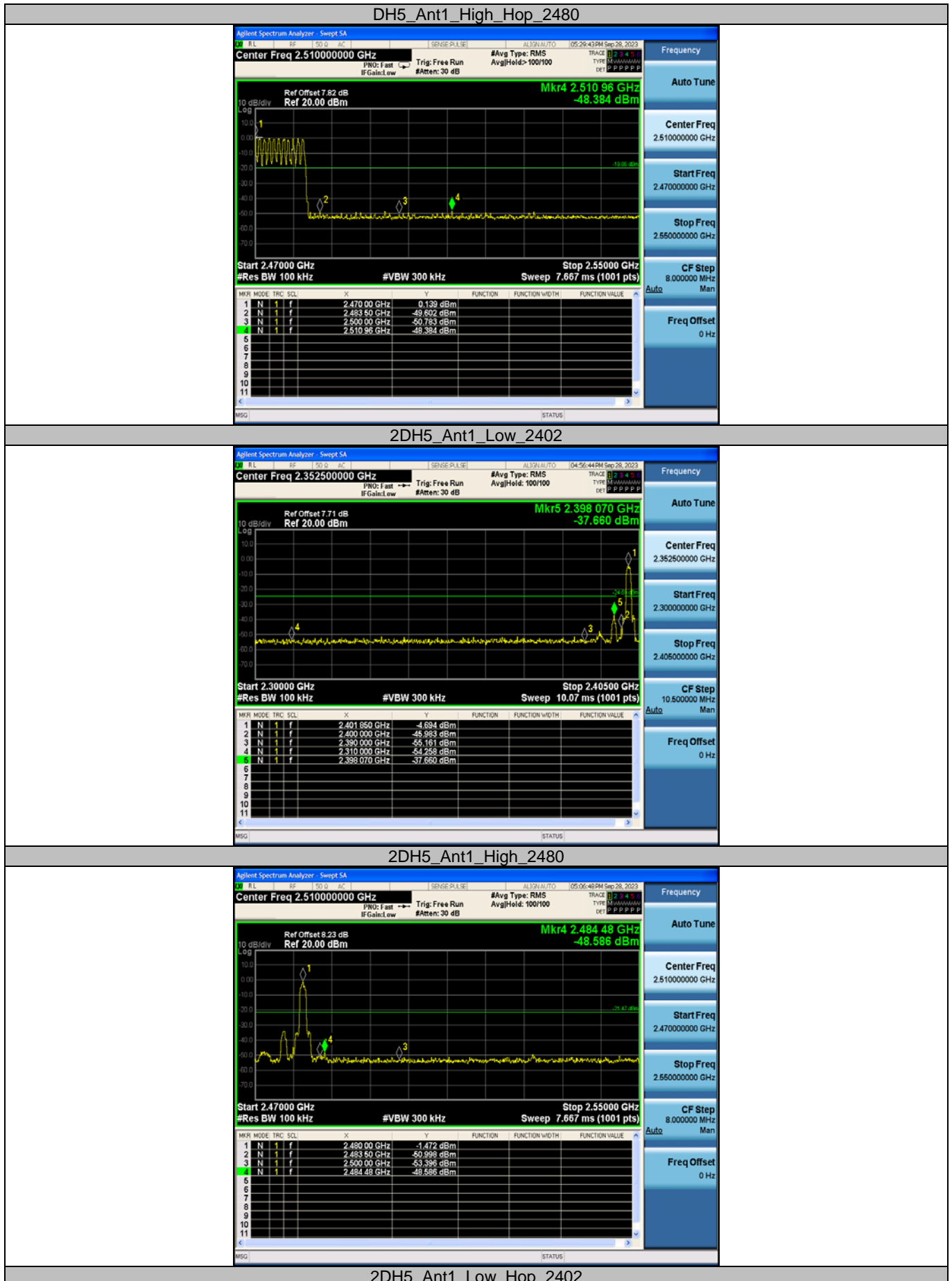
Test Graphs

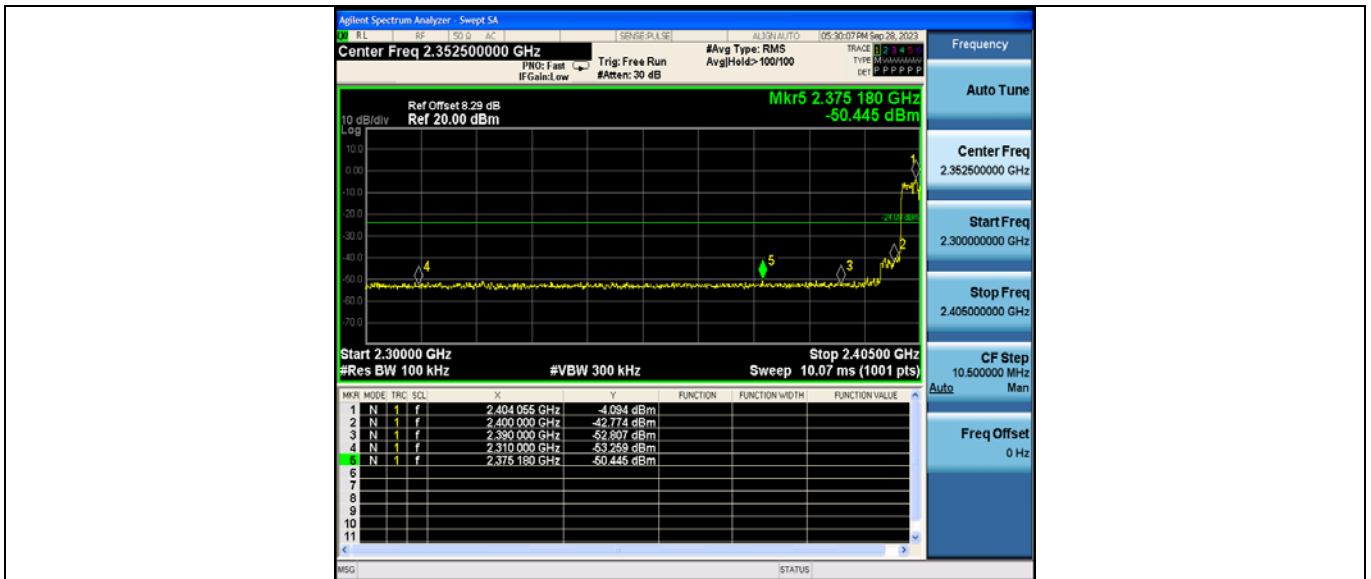


Appendix F: Band edge measurements

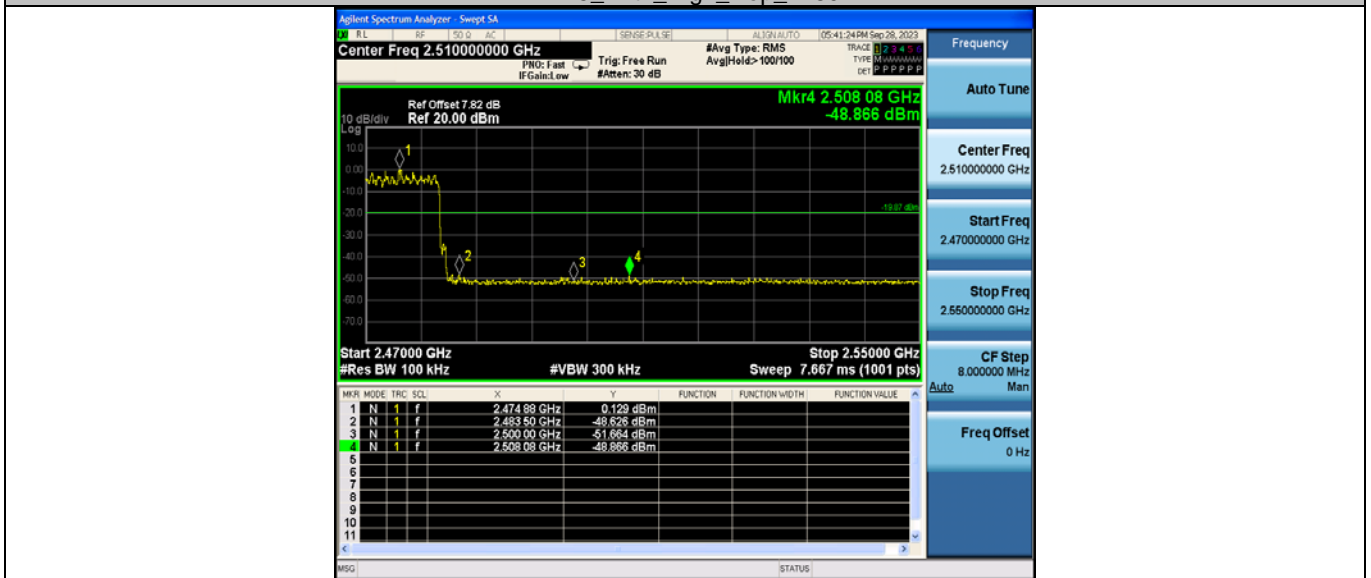
Test Graphs







2DH5_Ant1_High_Hop_2480



Appendix G: Conducted Spurious Emission

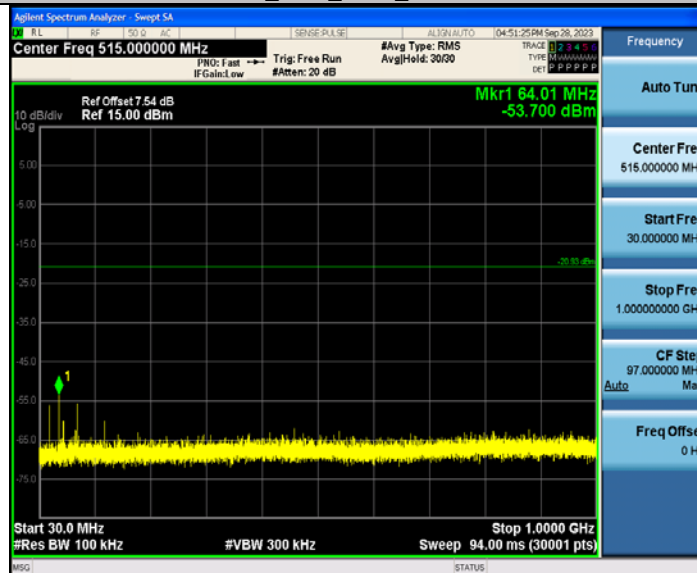
Test Graphs



DH5_Ant1_2441_0-Reference



DH5_Ant1_2441_30~1000



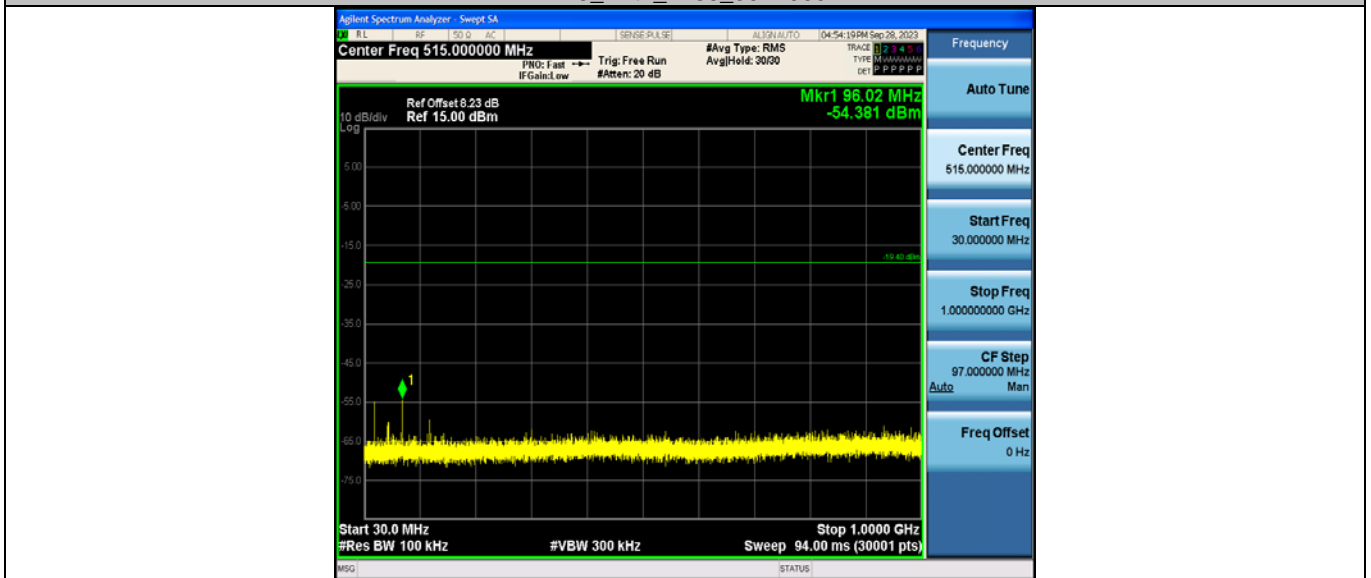
DH5_Ant1_2441_1000~26500



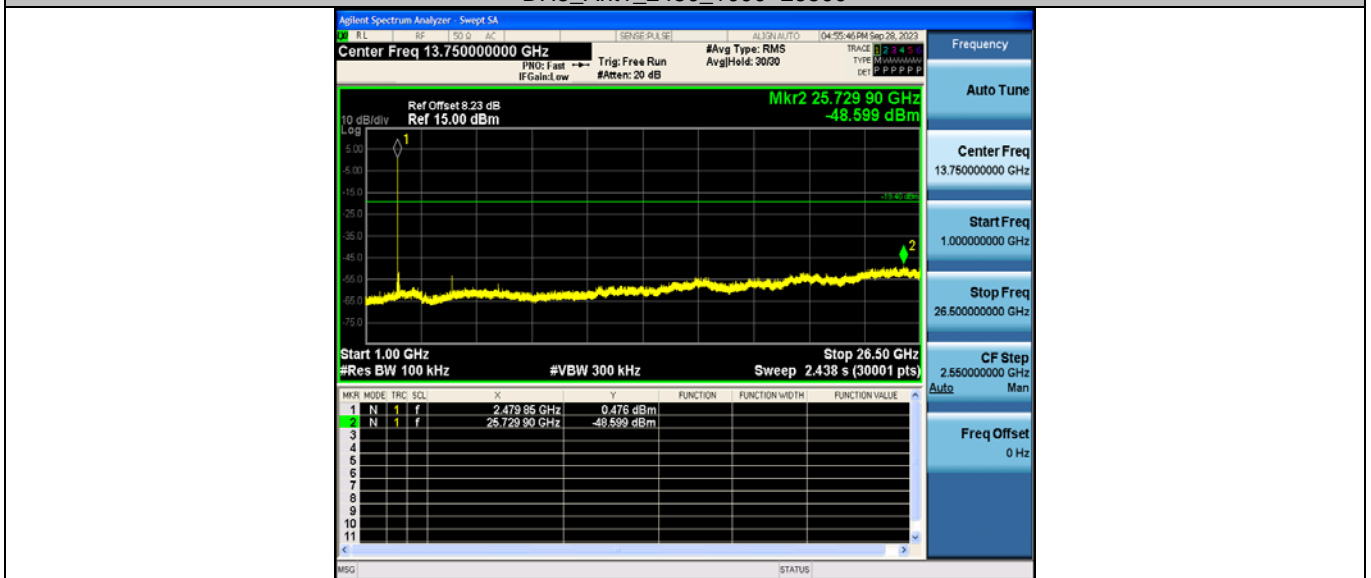
DH5_Ant1_2480_0-Reference



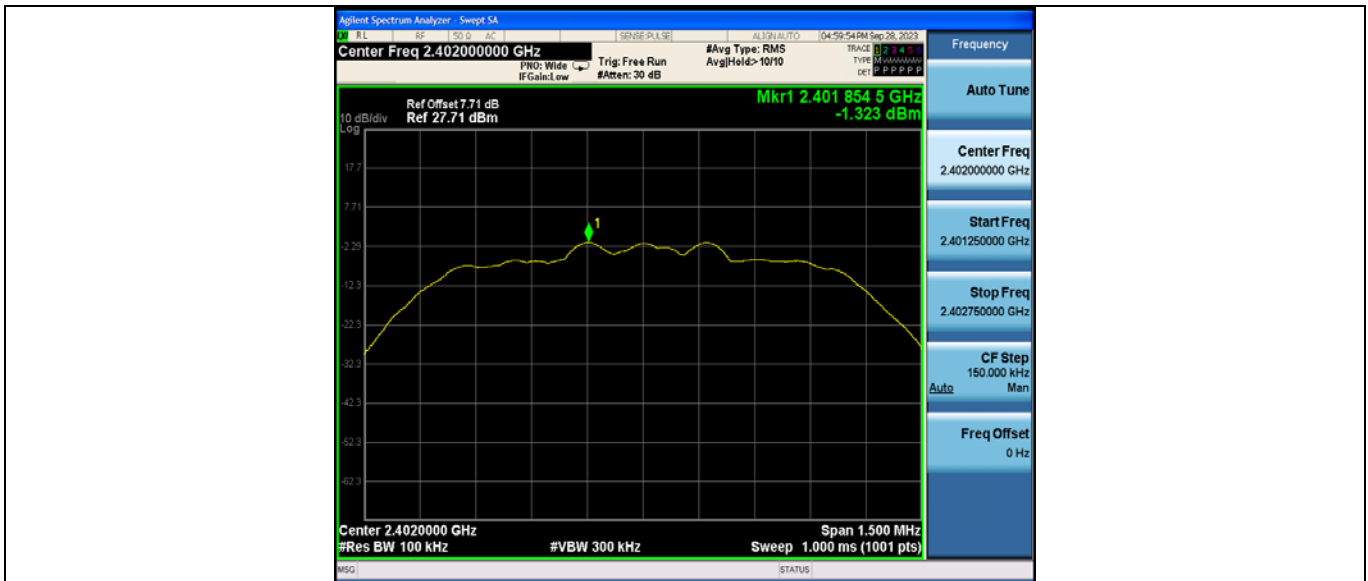
DH5_Ant1_2480_30~1000



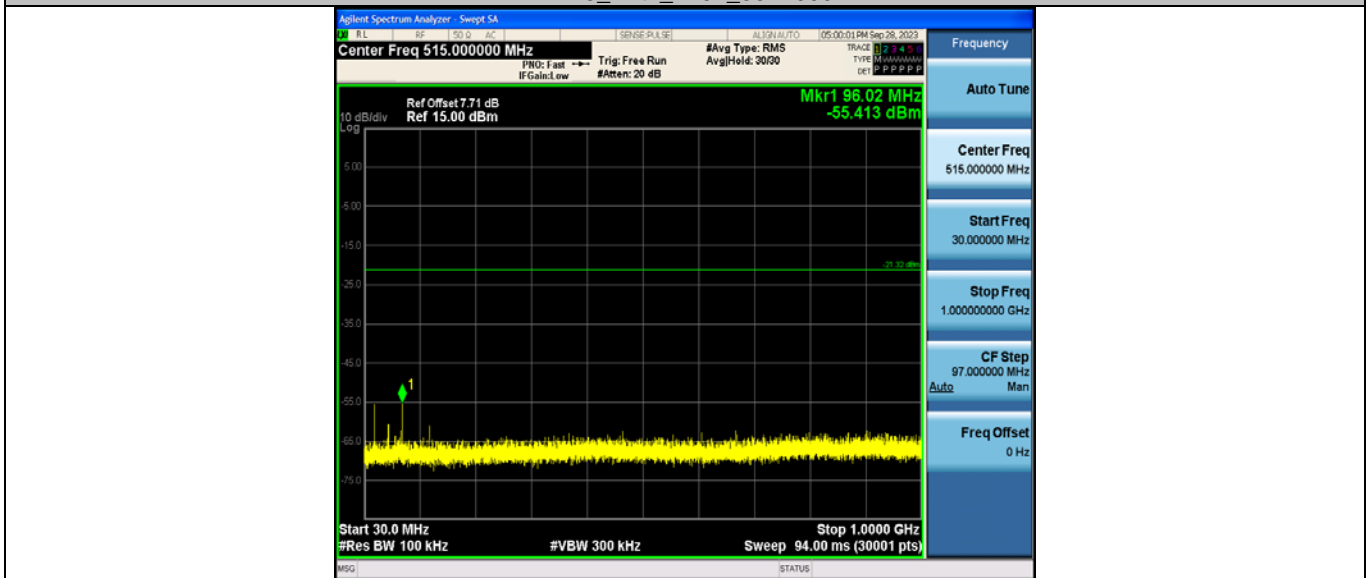
DH5_Ant1_2480_1000~26500



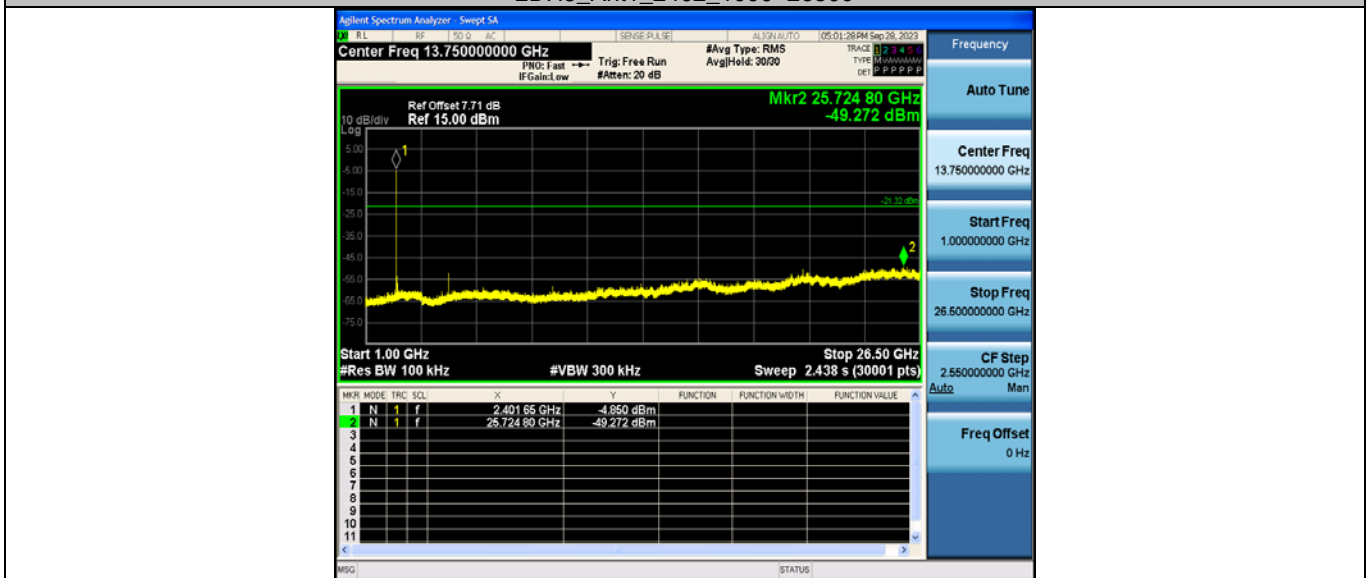
2DH5_Ant1_2402_0~Reference



2DH5_Ant1_2402_30~1000



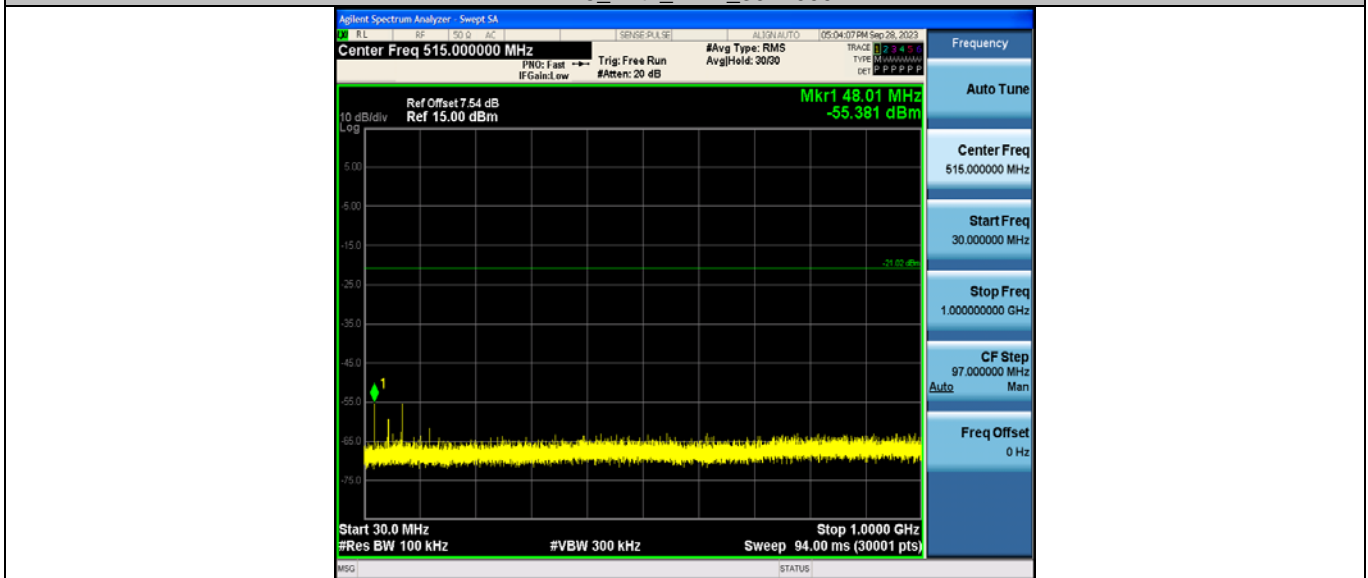
2DH5_Ant1_2402_1000~26500



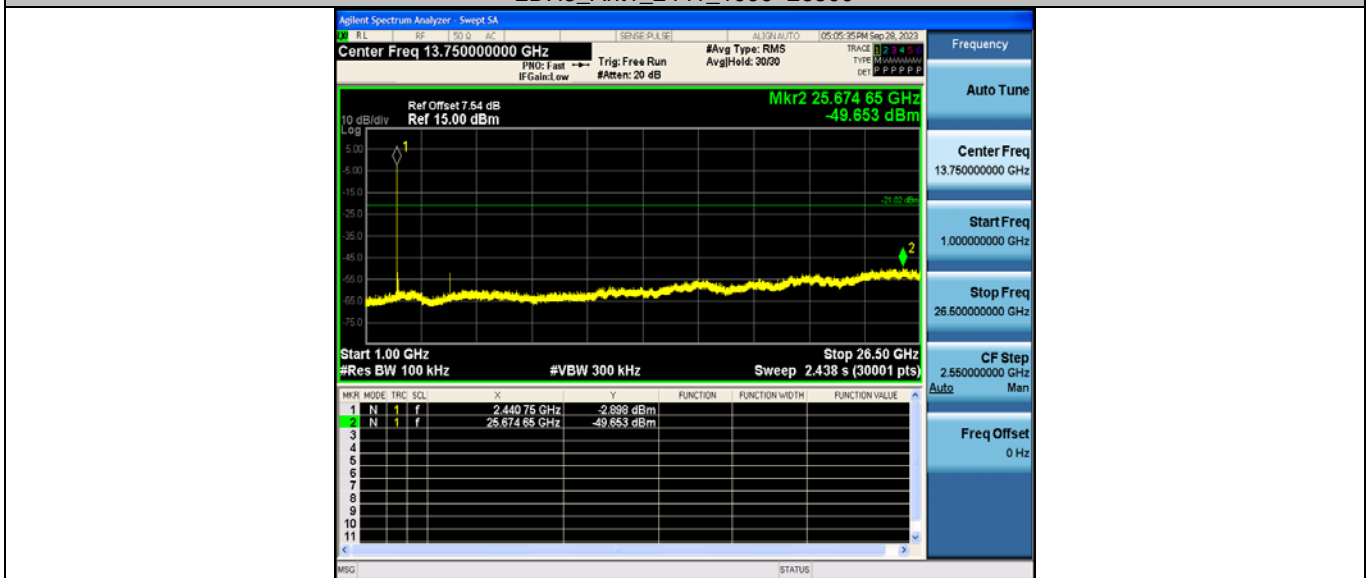
2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_30~1000



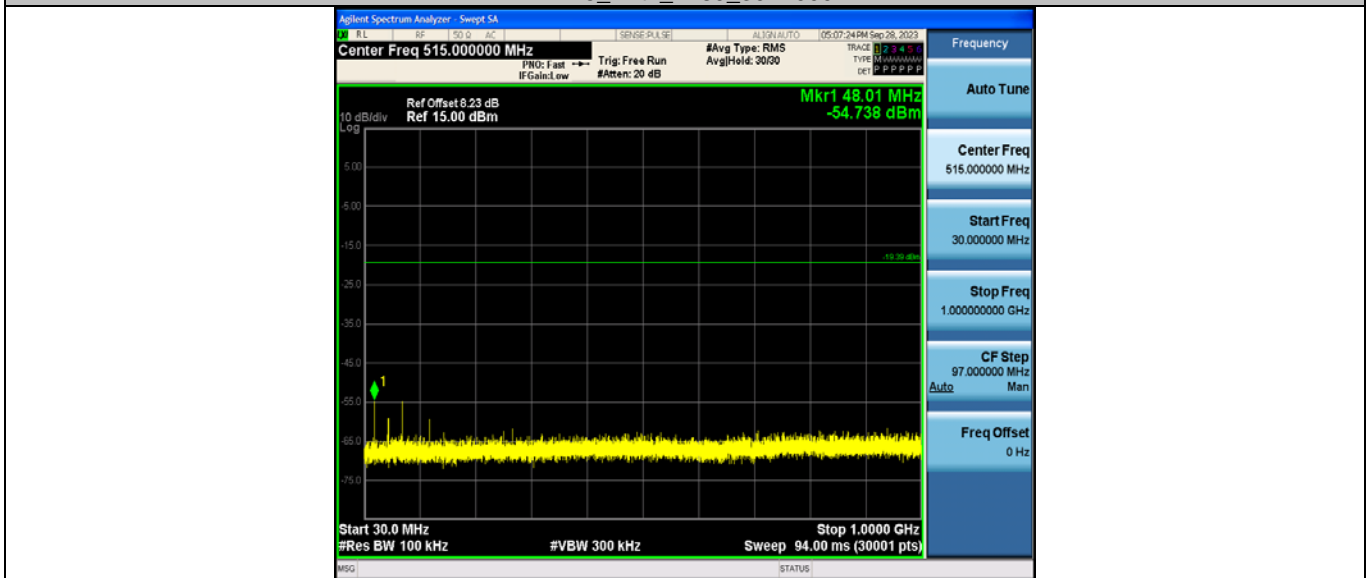
2DH5_Ant1_2441_1000~26500



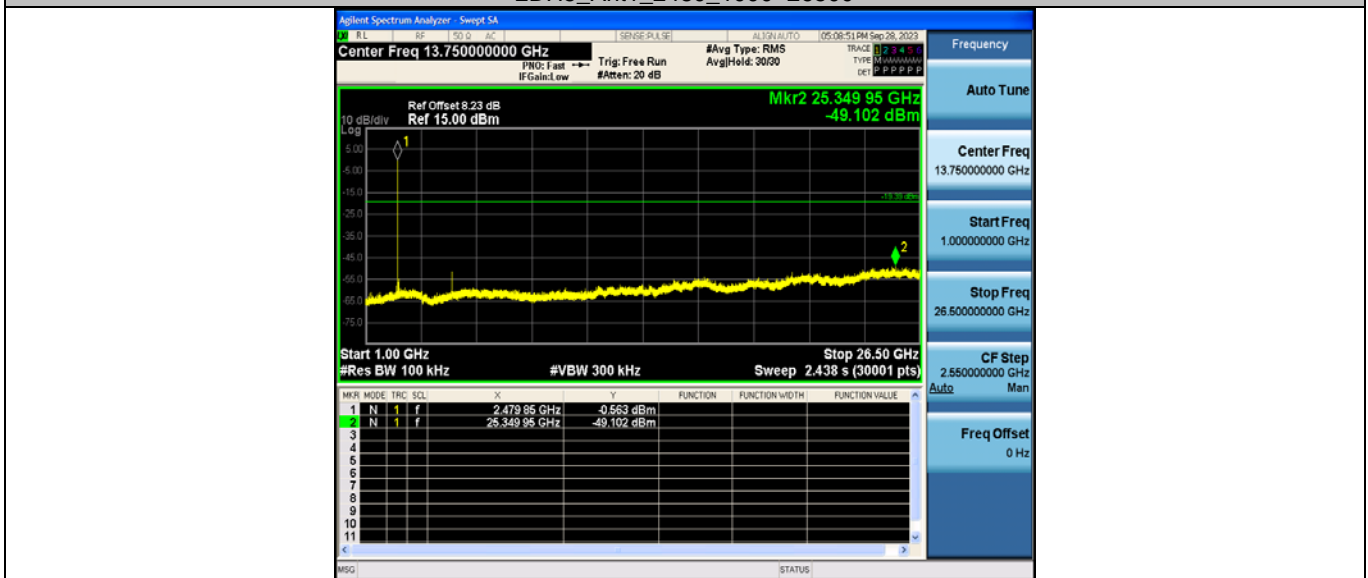
2DH5_Ant1_2480_0~Reference



2DH5_Ant1_2480_30~1000



2DH5_Ant1_2480_1000~26500



----End of Report----