

APPENDIX A: 20DB BANDWIDTH

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW [MHz]
DH5	Ant1	2402	0.945
		2441	0.897
		2480	0.936
2DH5	Ant1	2402	1.338
		2441	1.320
		2480	1.341
3DH5	Ant1	2402	1.320
		2441	1.311
		2480	1.299

Test Graphs

DH5_Ant1_2402



DH5_Ant1_2441



DH5_Ant1_2480



2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



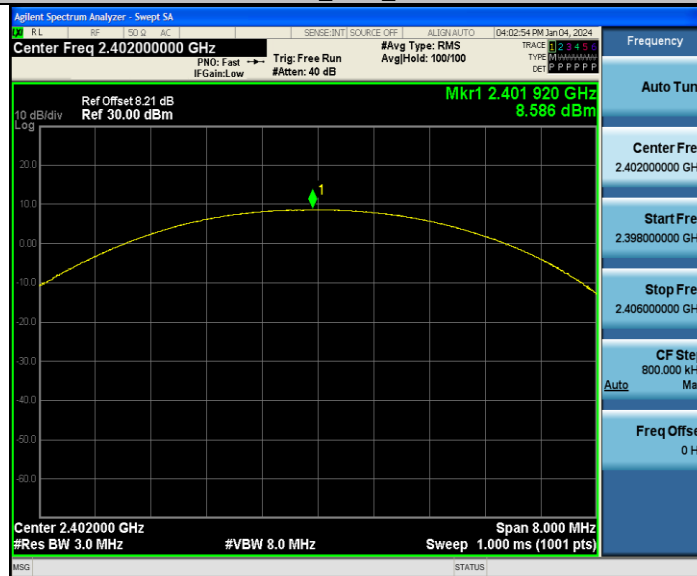
APPENDIX B: MAXIMUM CONDUCTED OUTPUT POWER

Test Result Peak

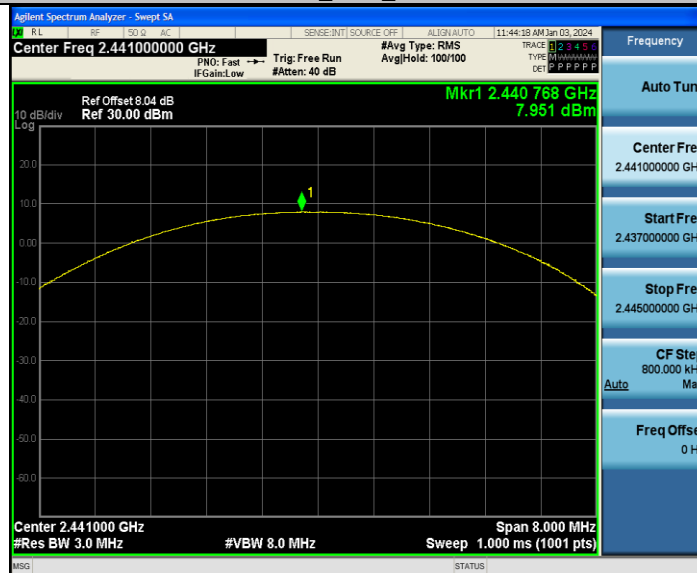
Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	8.59	≤30	PASS
		2441	7.95	≤30	PASS
		2480	8.86	≤30	PASS
2DH5	Ant1	2402	6.88	≤20.97	PASS
		2441	7.02	≤20.97	PASS
		2480	7.97	≤20.97	PASS
3DH5	Ant1	2402	7.19	≤20.97	PASS
		2441	7.43	≤20.97	PASS
		2480	8.47	≤20.97	PASS

Test Graphs

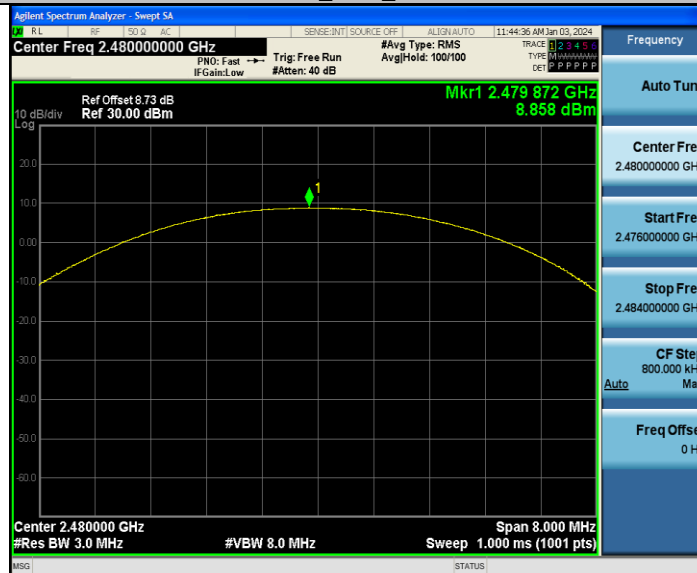
DH5_Ant1_2402



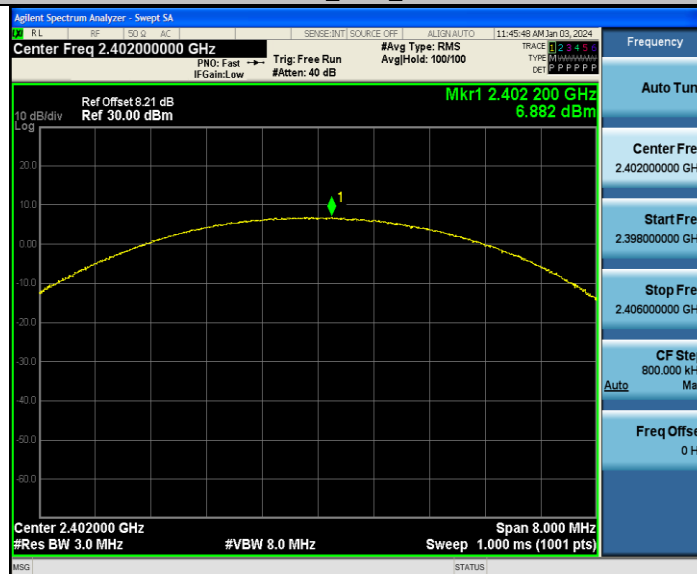
DH5_Ant1_2441



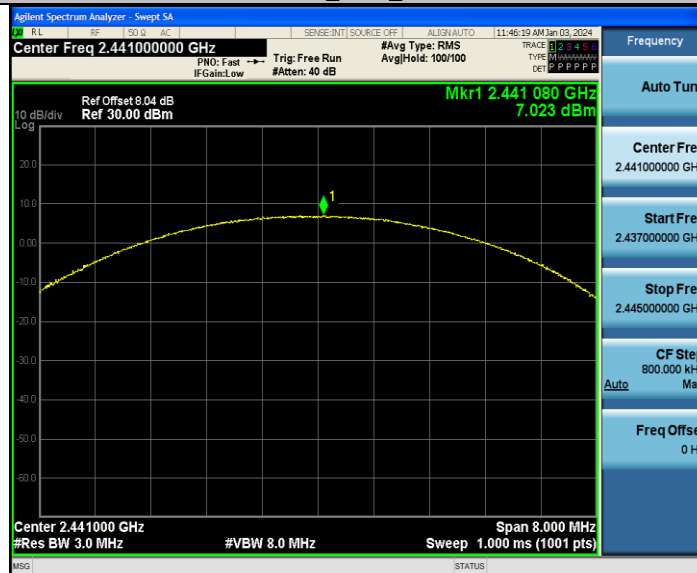
DH5_Ant1_2480



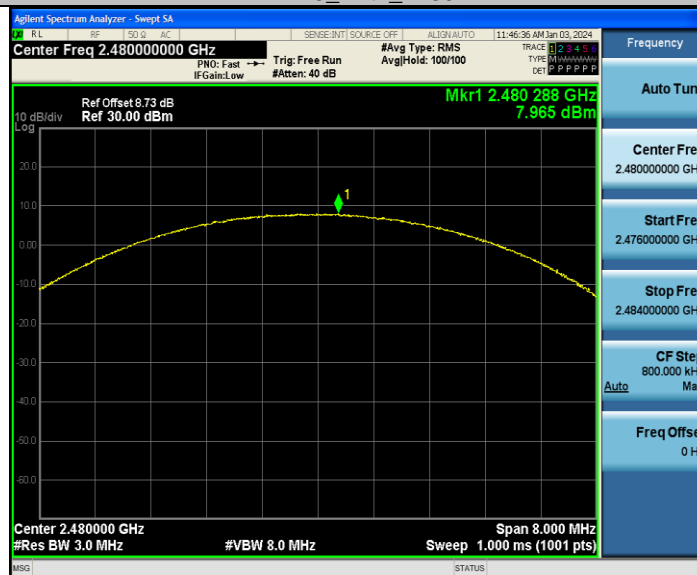
2DH5_Ant1_2402



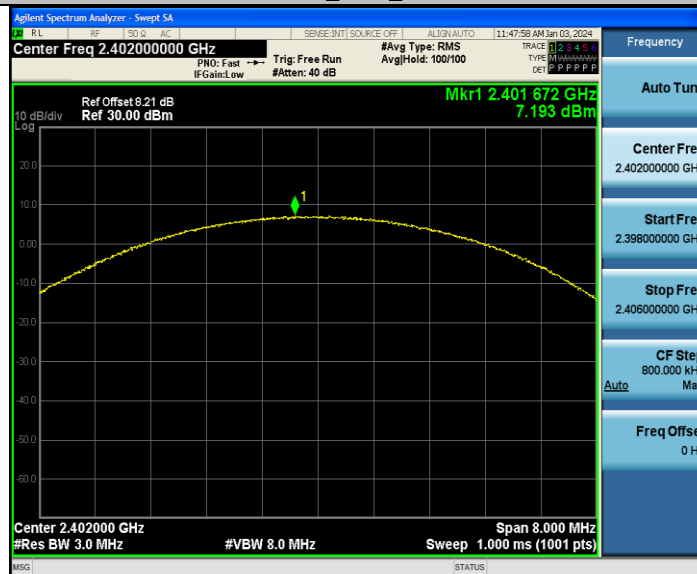
2DH5_Ant1_2441



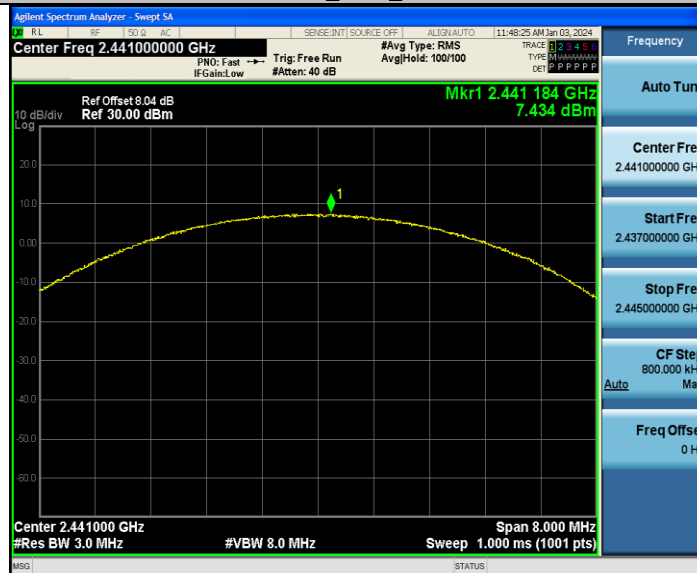
2DH5_Ant1_2480



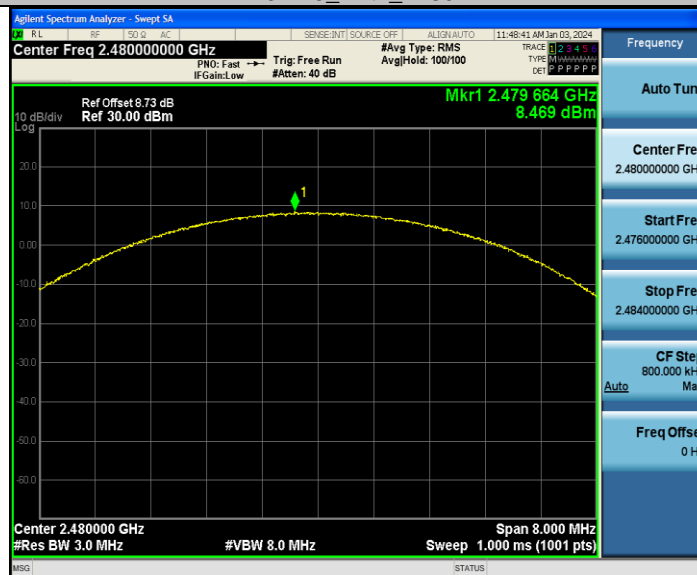
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



APPENDIX C: CARRIER FREQUENCY SEPARATION

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	1.04	≥0.945	PASS
2DH5	Ant1	Hop	0.984	≥0.894	PASS
3DH5	Ant1	Hop	1.008	≥0.880	PASS

Test Graphs



APPENDIX D: TIME OF OCCUPANCY

Test Result

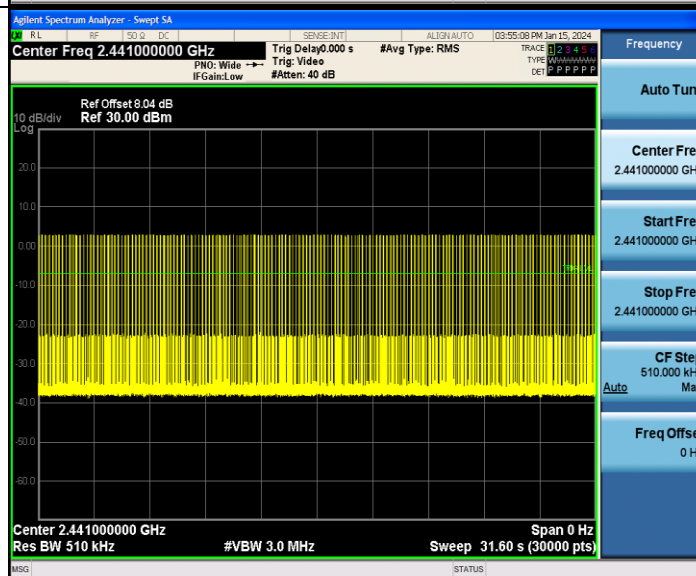
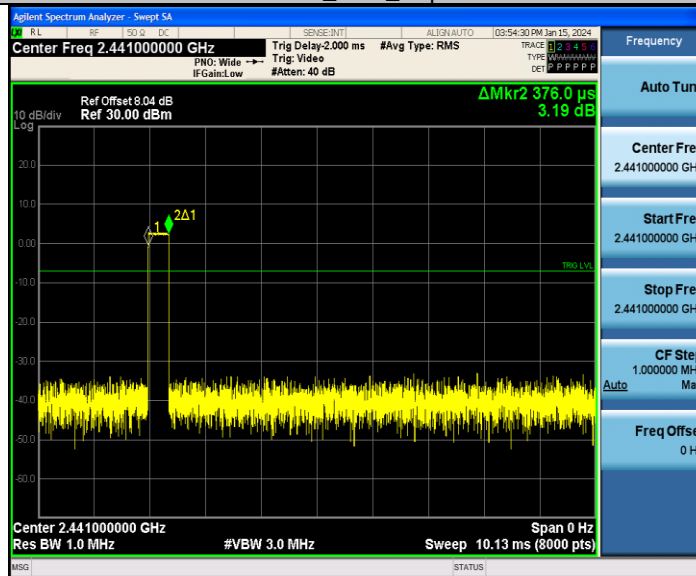
Test Mode	Antenna	Frequency [MHz]	BurstWidth [ms]	Hops in 31.6s [Num]	Result [s]	Limit [s]	Verdict
DH1	Ant1	Hop	0.376	320	0.12	≤0.4	PASS
DH3	Ant1	Hop	1.633	154	0.251	≤0.4	PASS
DH5	Ant1	Hop	2.879	110	0.317	≤0.4	PASS
2DH1	Ant1	Hop	0.388	319	0.124	≤0.4	PASS
2DH3	Ant1	Hop	1.640	147	0.241	≤0.4	PASS
2DH5	Ant1	Hop	2.888	111	0.321	≤0.4	PASS
3DH1	Ant1	Hop	0.388	319	0.124	≤0.4	PASS
3DH3	Ant1	Hop	1.639	164	0.269	≤0.4	PASS
3DH5	Ant1	Hop	2.889	108	0.312	≤0.4	PASS

Notes:

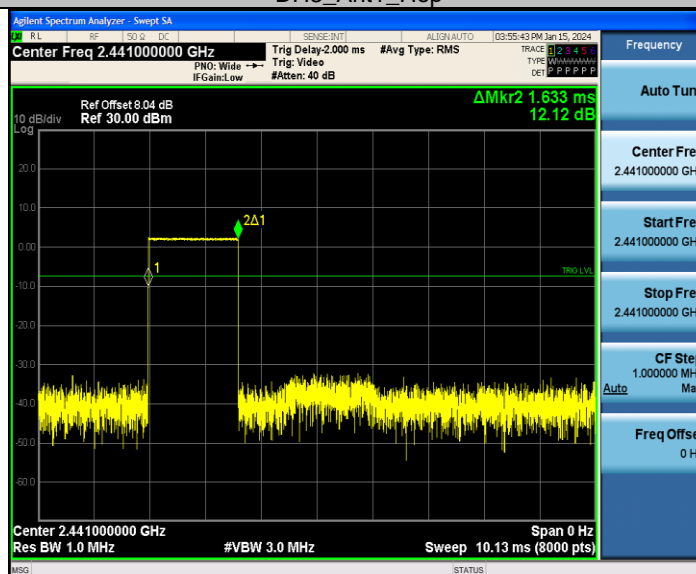
1. Period time = 0.4s * 79 = 31.6s
2. Result (Time of occupancy) = BurstWidth[ms] * Hops in 31.6s [Num]

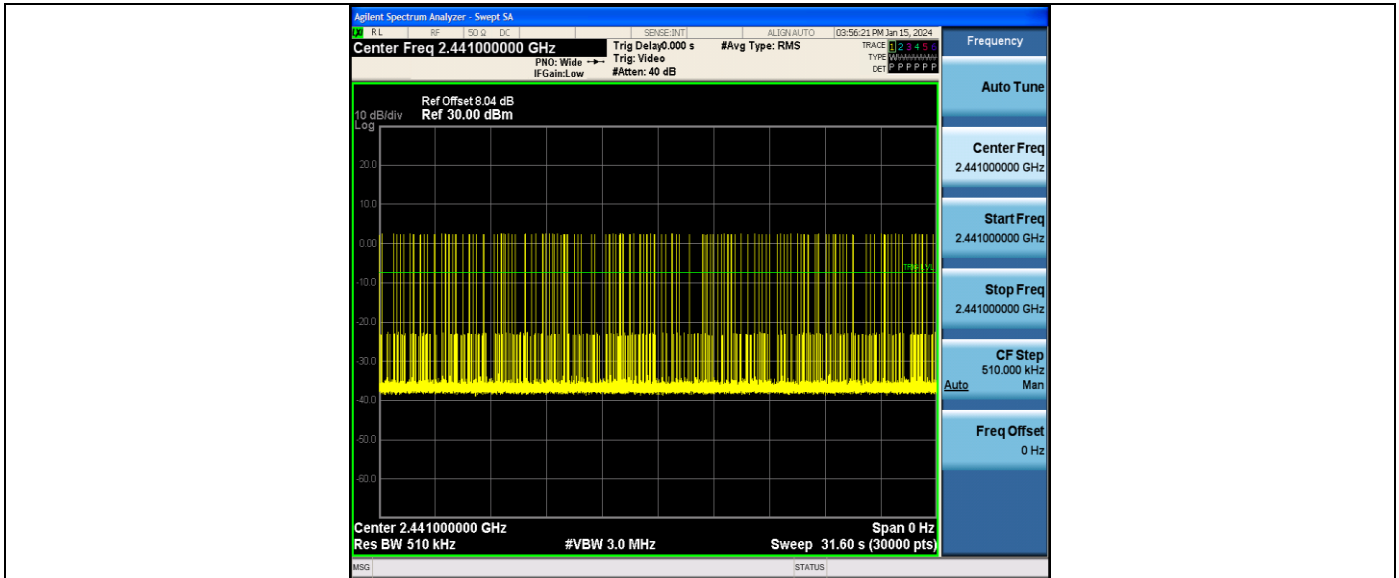
Test Graphs

DH1_Ant1_Hop

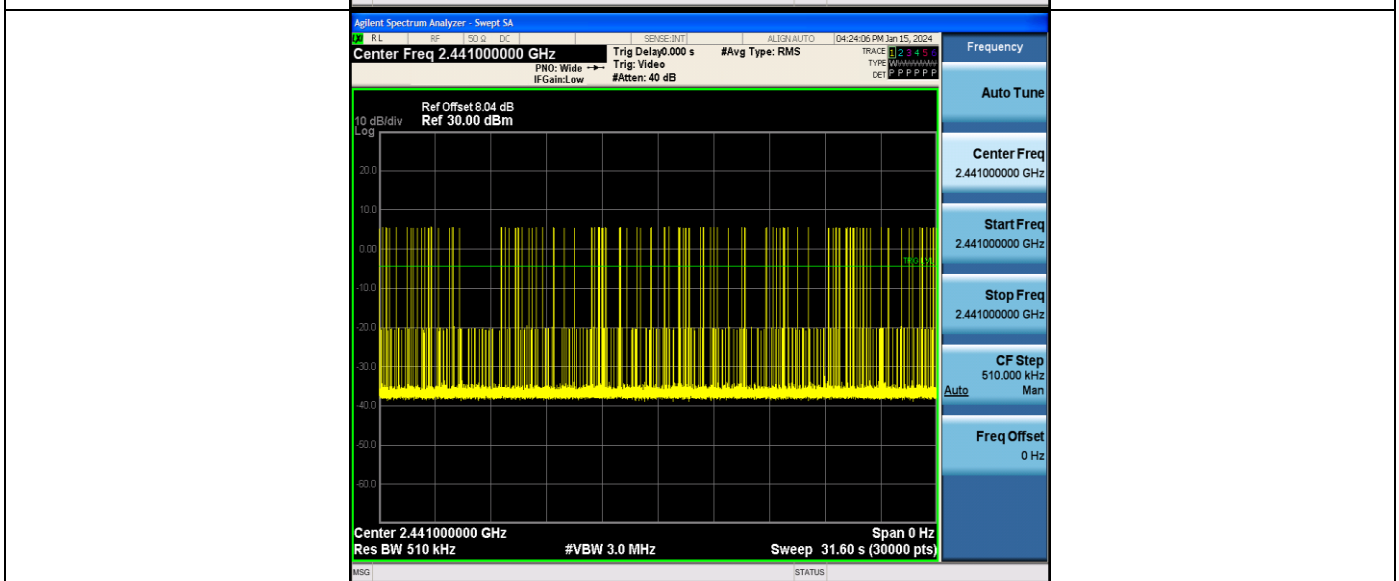
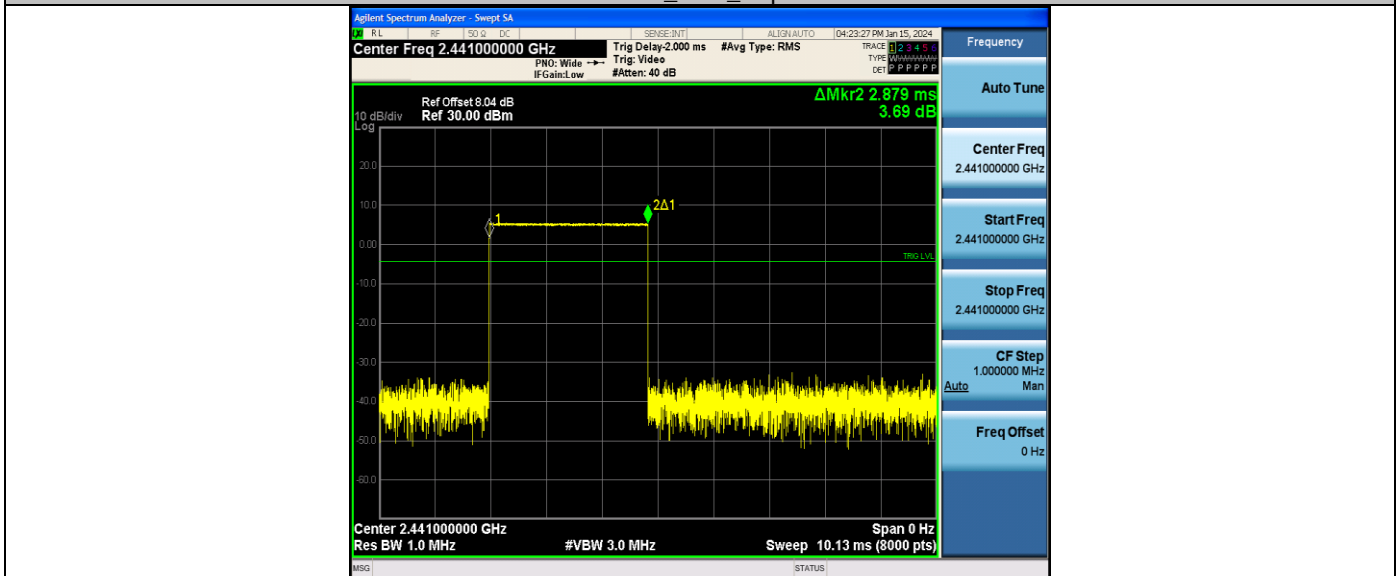


DH3_Ant1_Hop

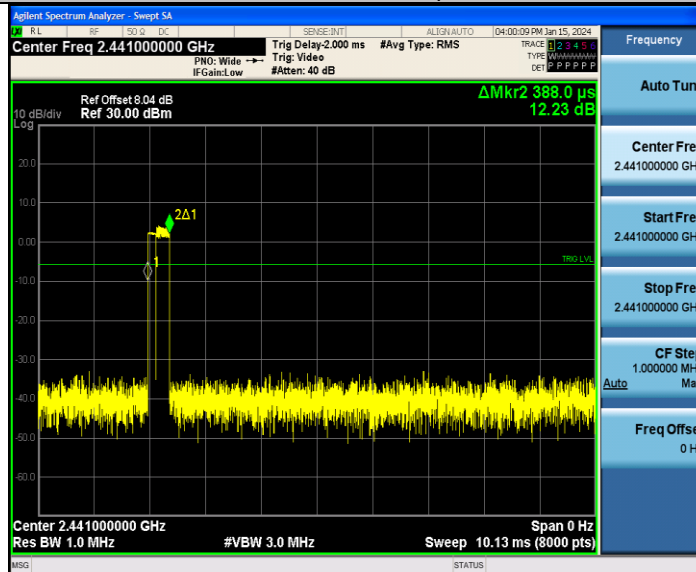




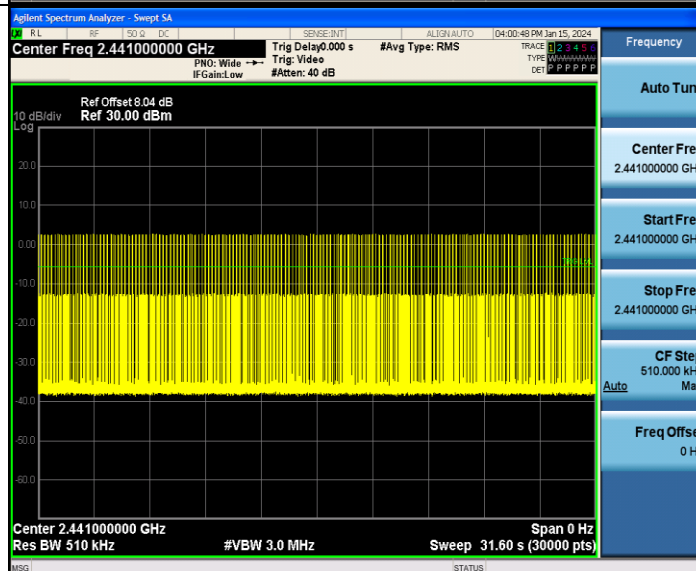
DH5_Ant1_Hop



2DH1_Ant1_Hop

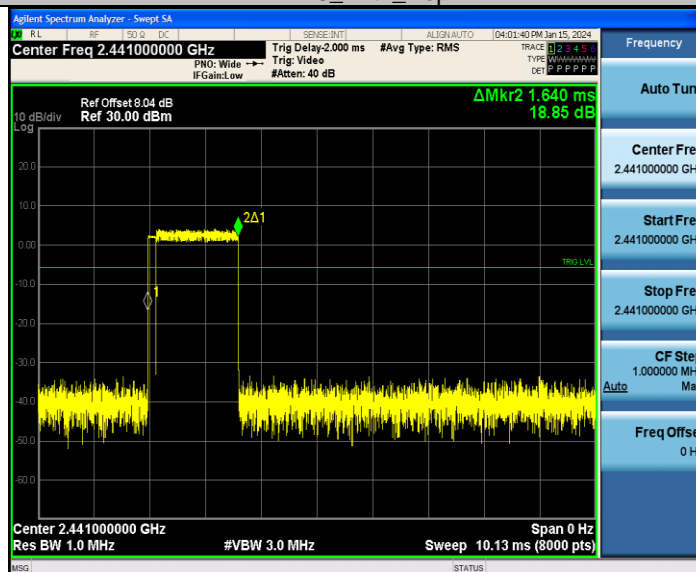


Frequency
Auto Tune
Center Freq 2.441000000 GHz
Start Freq 2.441000000 GHz
Stop Freq 2.441000000 GHz
CF Step 1.000000 MHz Man
Freq Offset 0 Hz

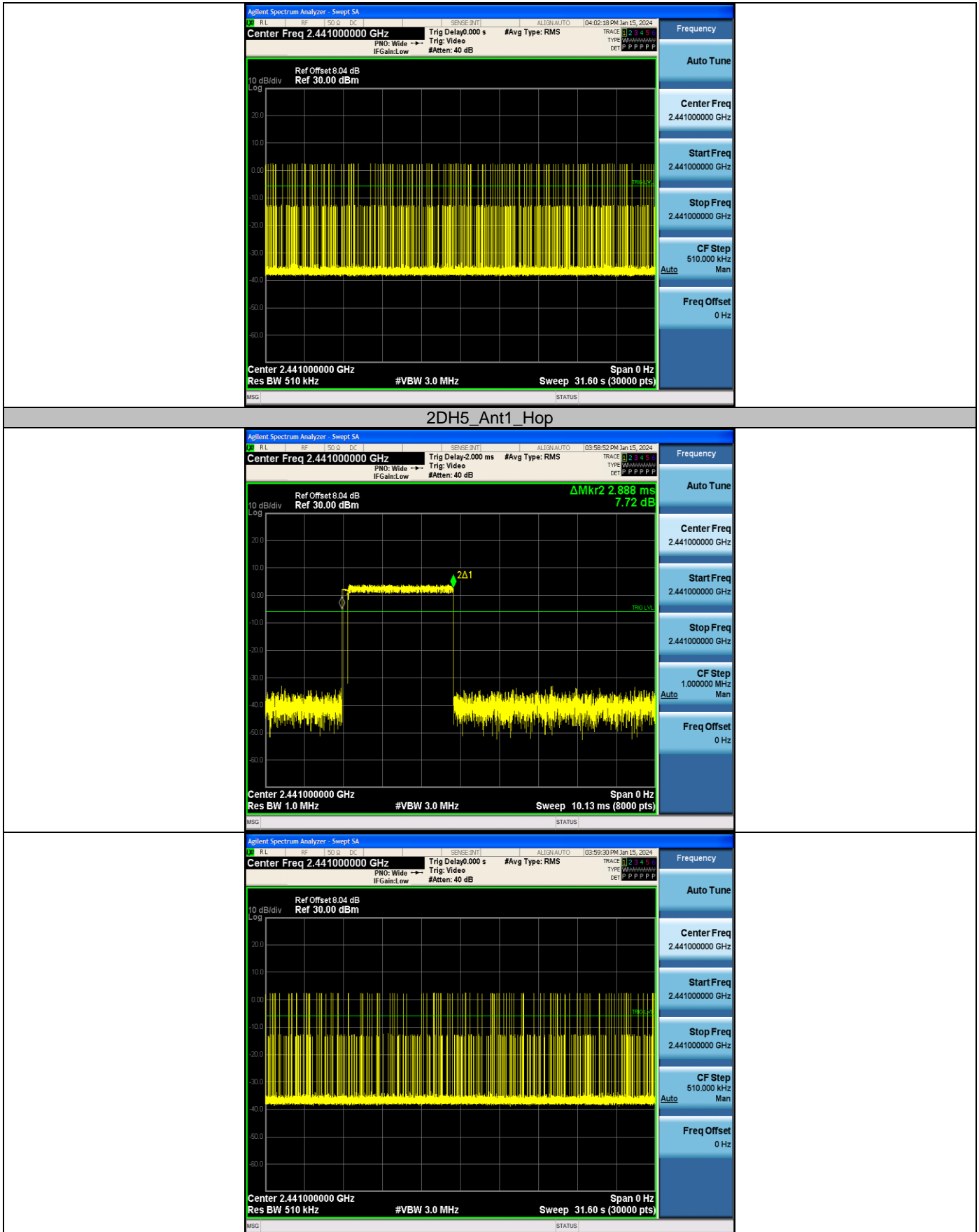


Frequency
Auto Tune
Center Freq 2.441000000 GHz
Start Freq 2.441000000 GHz
Stop Freq 2.441000000 GHz
CF Step 510.000 kHz Man
Freq Offset 0 Hz

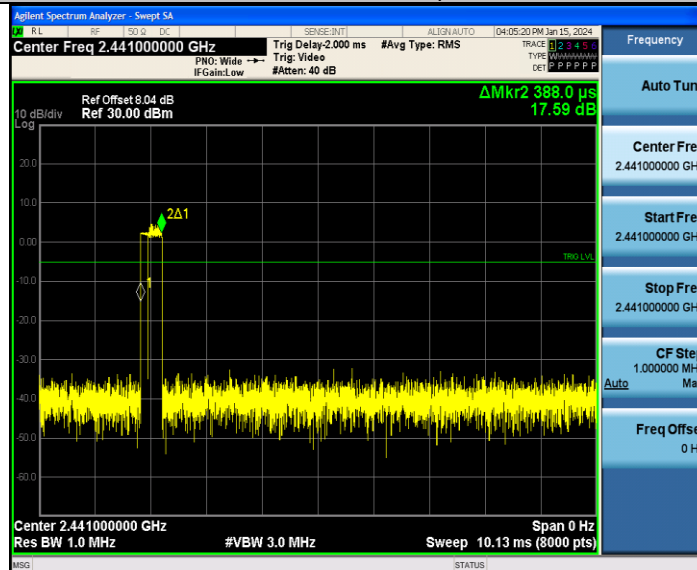
2DH3_Ant1_Hop



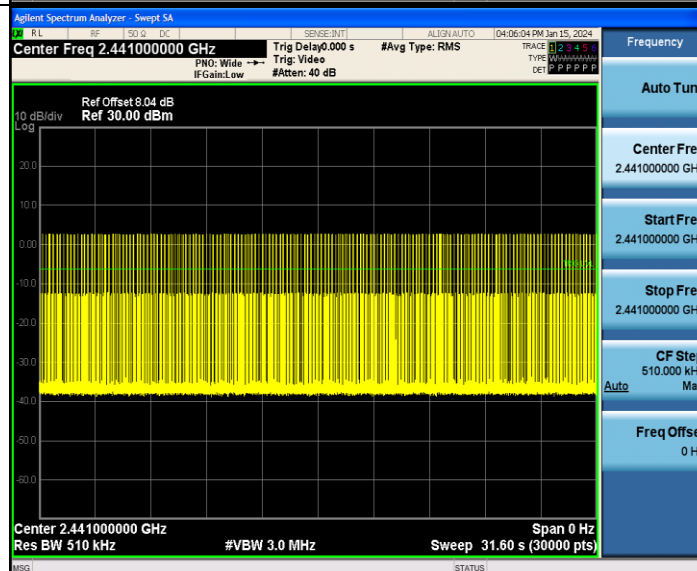
Frequency
Auto Tune
Center Freq 2.441000000 GHz
Start Freq 2.441000000 GHz
Stop Freq 2.441000000 GHz
CF Step 1.000000 MHz Man
Freq Offset 0 Hz



3DH1_Ant1_Hop

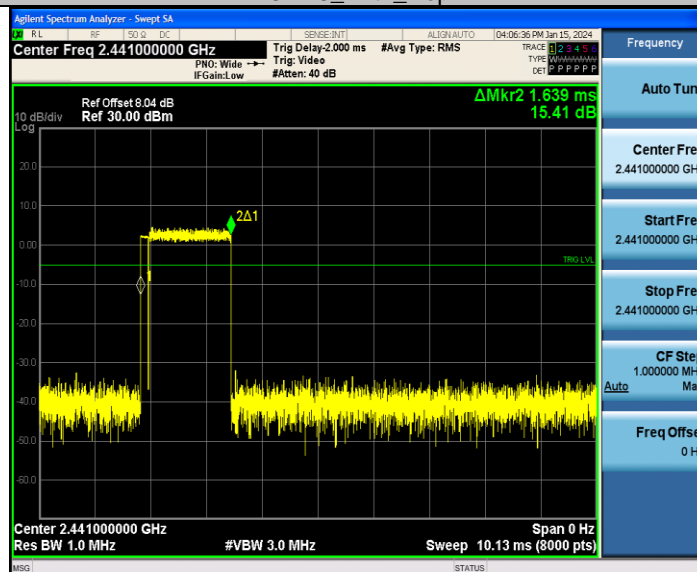


Frequency
Auto Tune
Center Freq 2.441000000 GHz
Start Freq 2.441000000 GHz
Stop Freq 2.441000000 GHz
CF Step 1.000000 MHz Man
Freq Offset 0 Hz

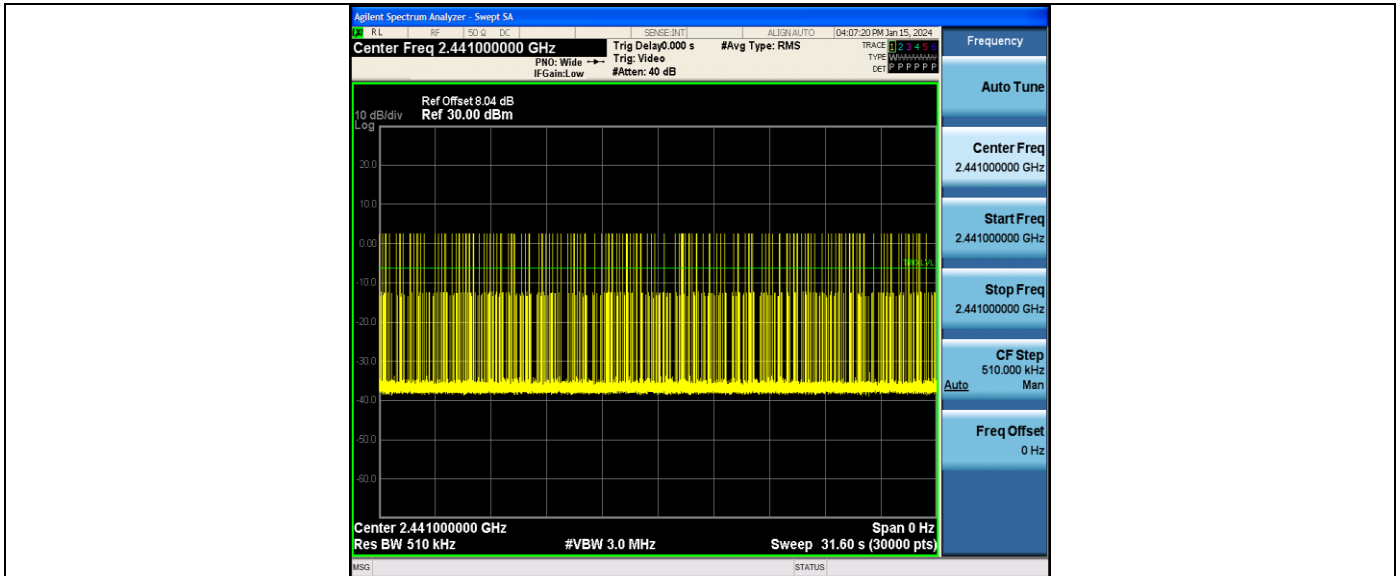


Frequency
Auto Tune
Center Freq 2.441000000 GHz
Start Freq 2.441000000 GHz
Stop Freq 2.441000000 GHz
CF Step 510.000 kHz Man
Freq Offset 0 Hz

3DH3_Ant1_Hop



Frequency
Auto Tune
Center Freq 2.441000000 GHz
Start Freq 2.441000000 GHz
Stop Freq 2.441000000 GHz
CF Step 1.000000 MHz Man
Freq Offset 0 Hz



3DH5_Ant1_Hop

