

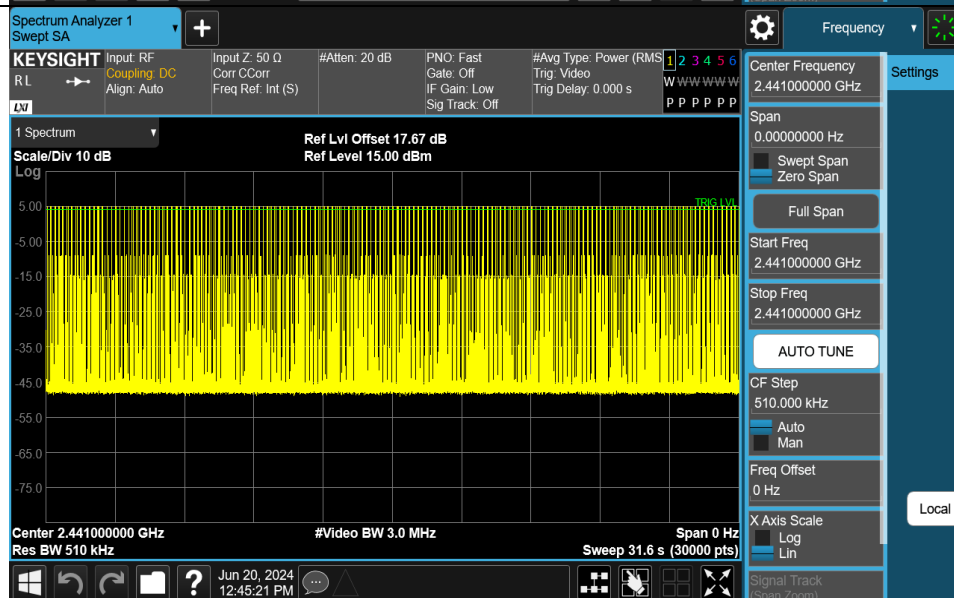
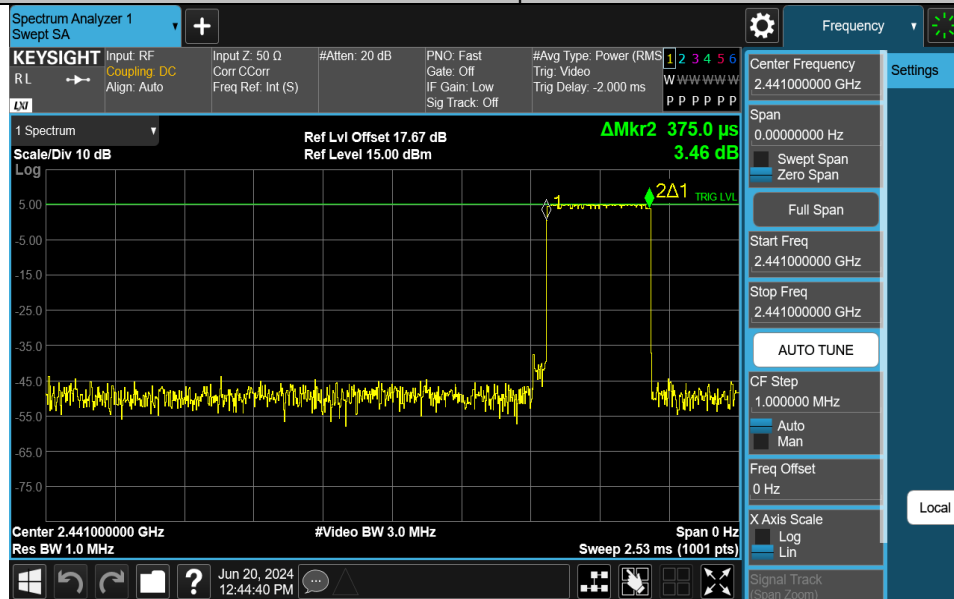
Appendix D: Time of occupancy

Test Result

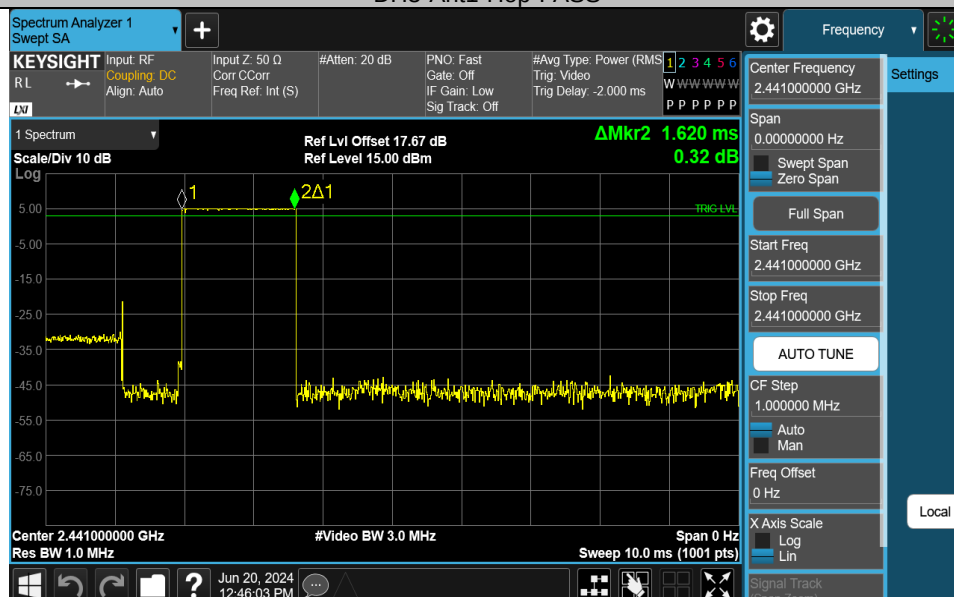
TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.375	311	0.117	≤0.4	PASS
DH3	Ant1	Hop	1.620	169	0.274	≤0.4	PASS
DH5	Ant1	Hop	2.870	99	0.284	≤0.4	PASS
2DH1	Ant1	Hop	0.383	311	0.119	≤0.4	PASS
2DH3	Ant1	Hop	1.630	171	0.279	≤0.4	PASS
2DH5	Ant1	Hop	2.870	105	0.301	≤0.4	PASS
3DH1	Ant1	Hop	0.383	311	0.119	≤0.4	PASS
3DH3	Ant1	Hop	1.620	173	0.28	≤0.4	PASS
3DH5	Ant1	Hop	2.870	105	0.301	≤0.4	PASS

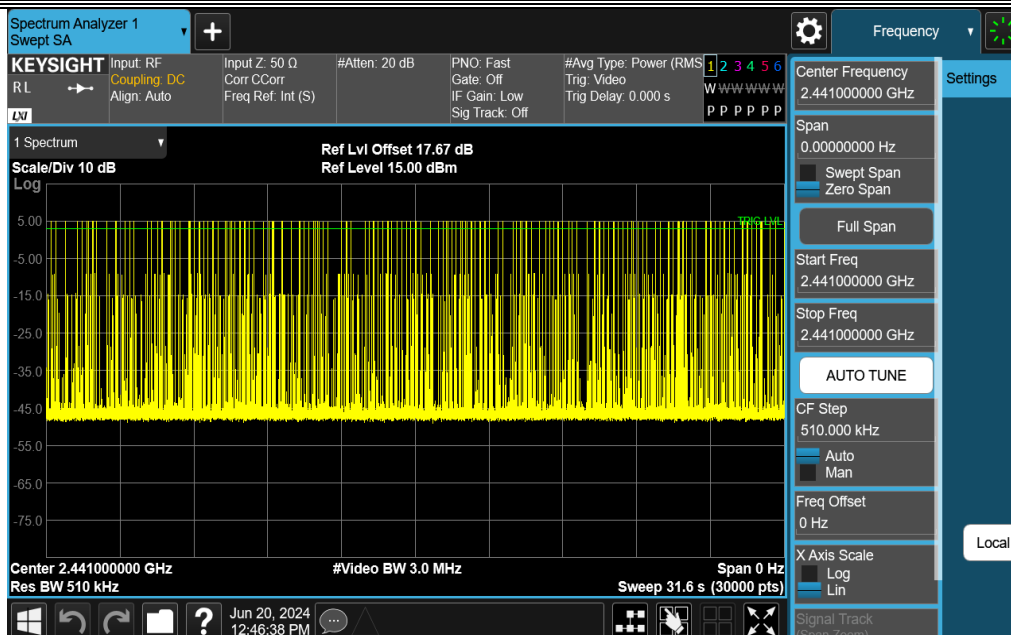
Test Graphs

DH1-Ant1-Hop-PASS

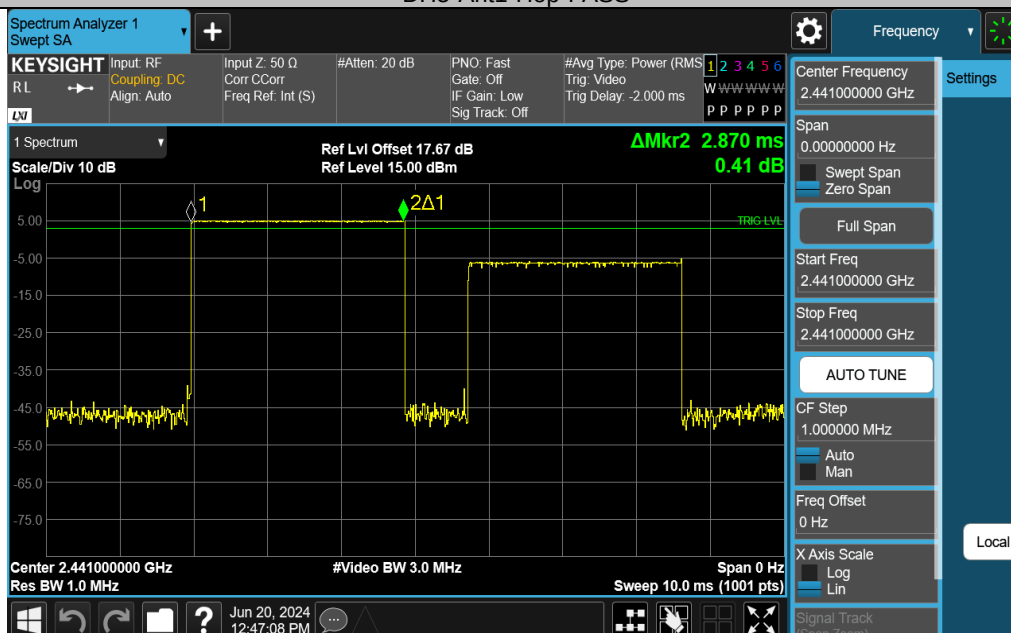


DH3-Ant1-Hop-PASS

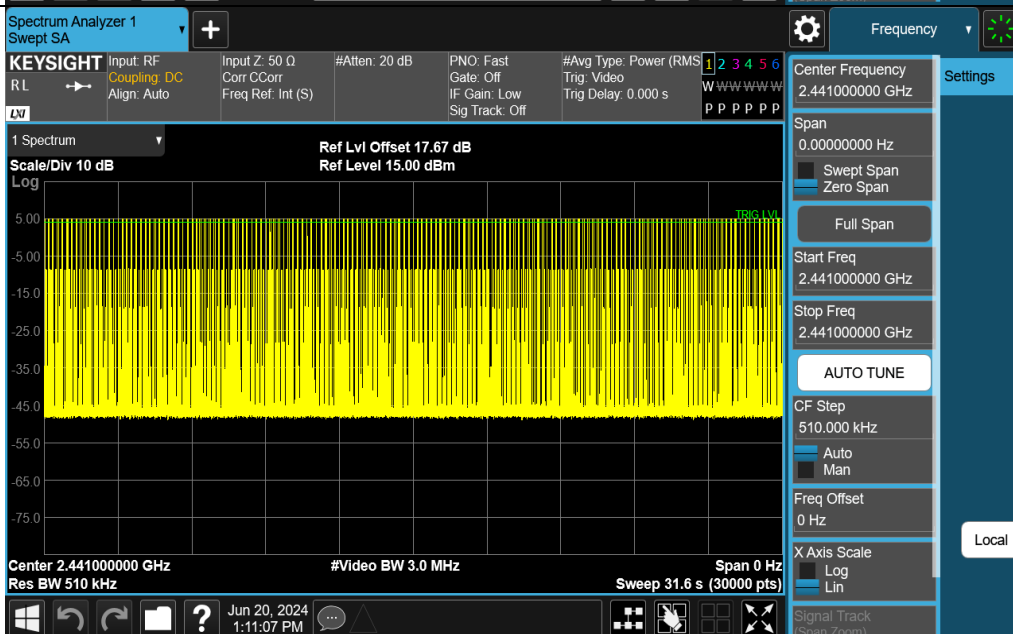
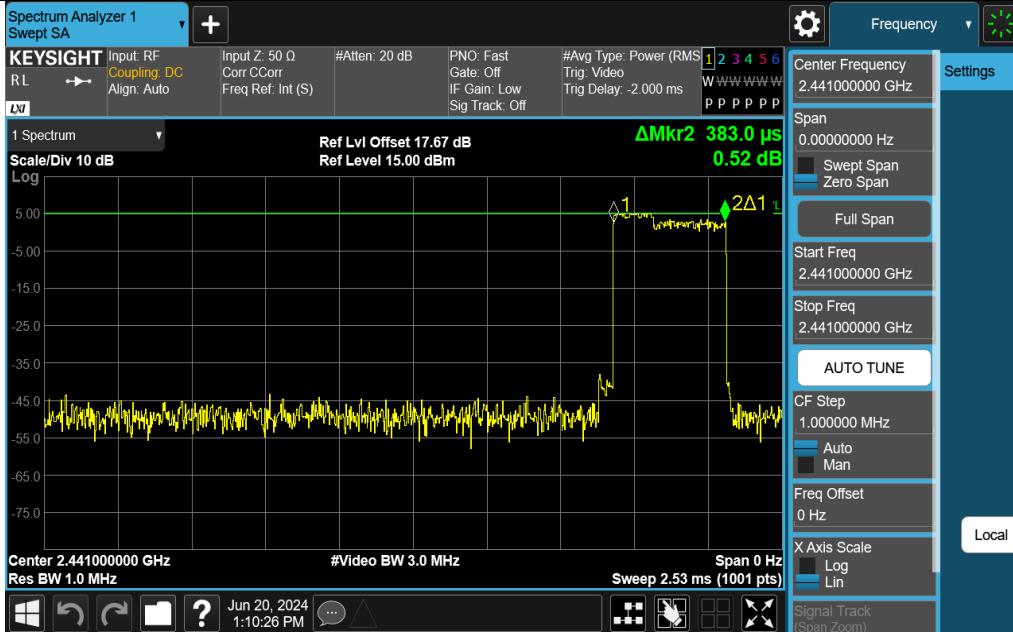




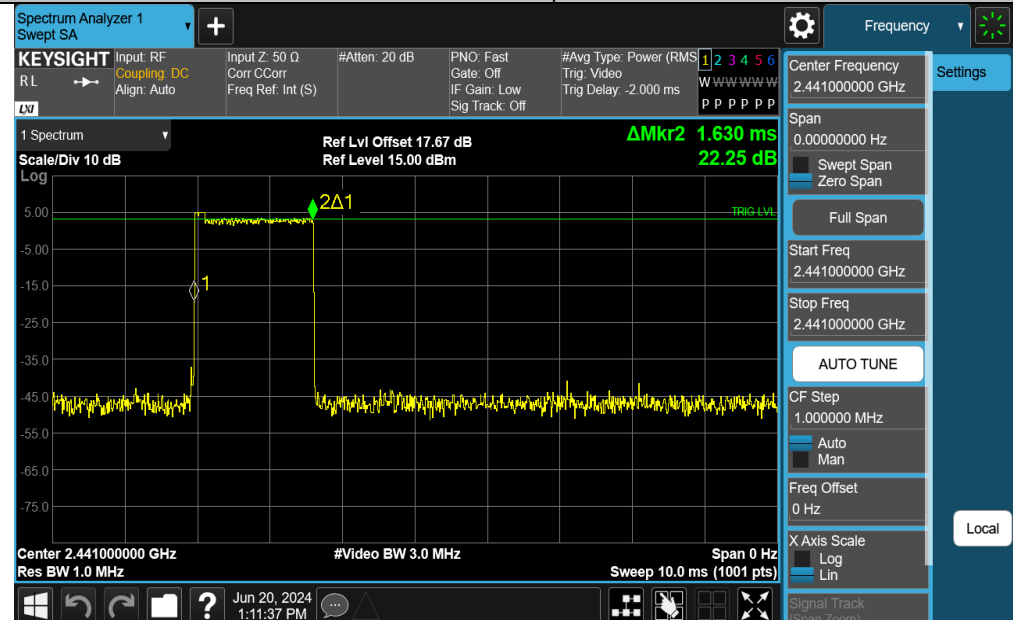
DH5-Ant1-Hop-PASS

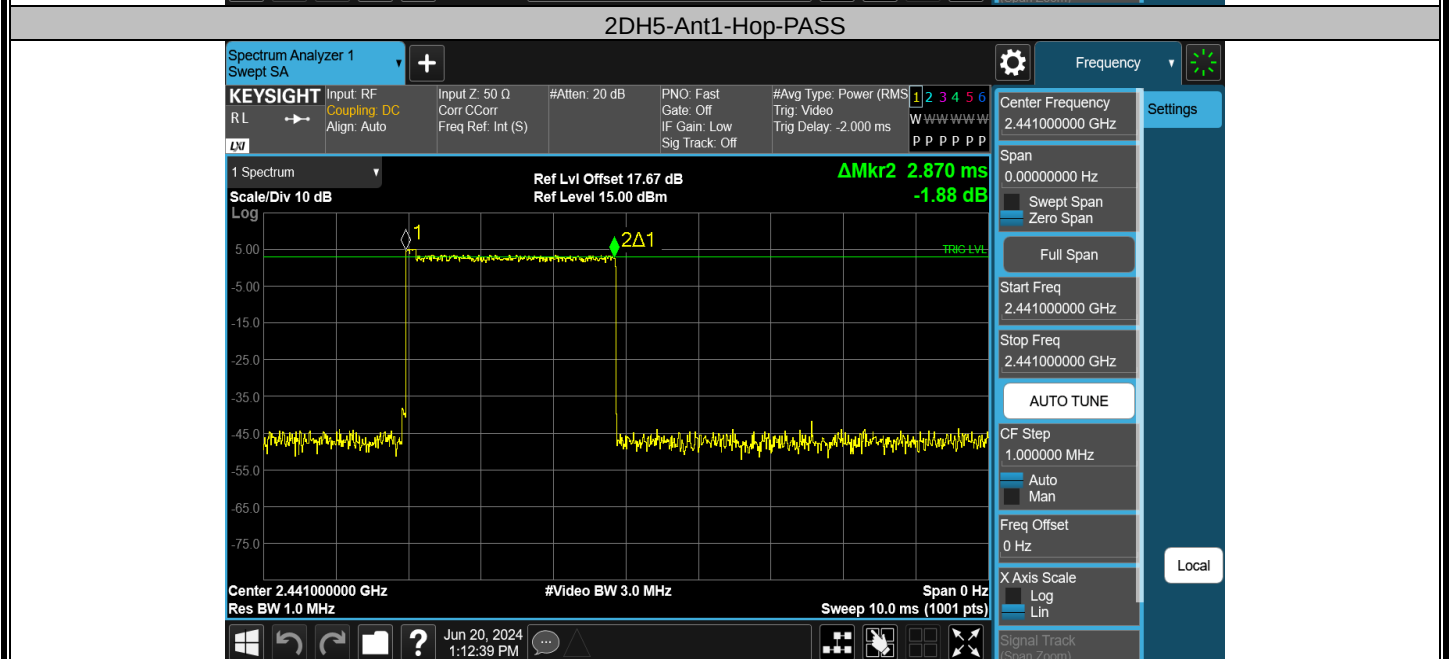
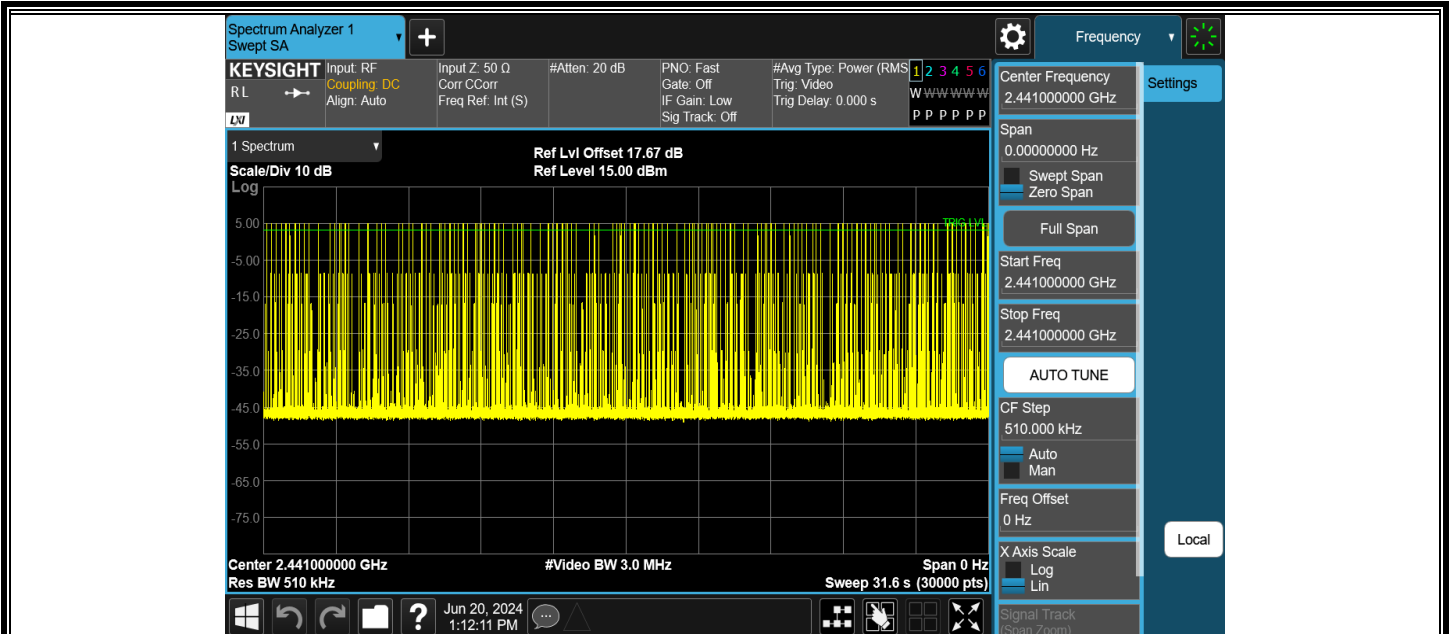


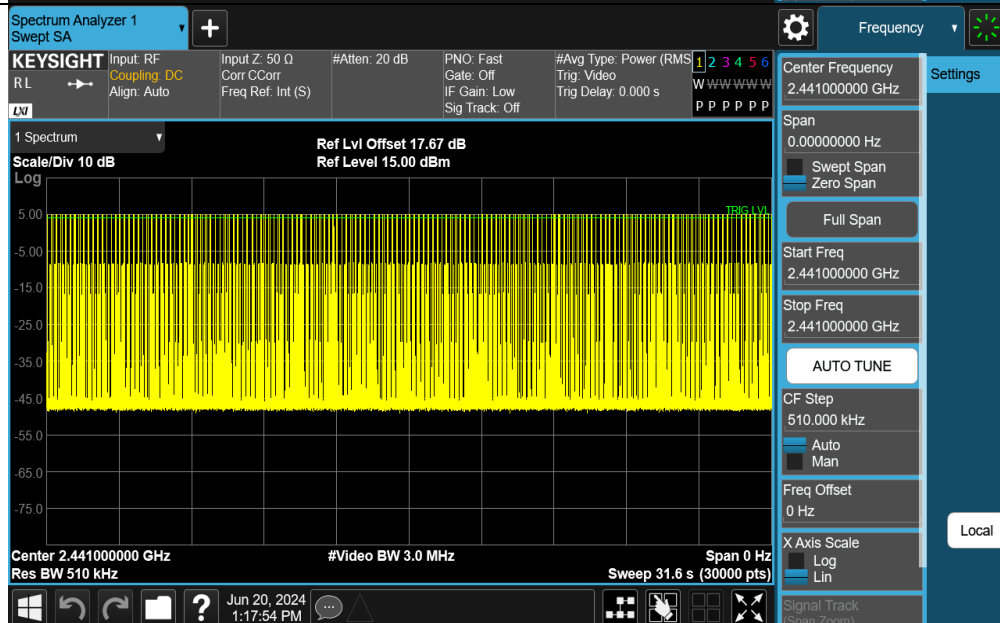
2DH1-Ant1-Hop-PASS



2DH3-Ant1-Hop-PASS







Spectrum Analyzer 1
Swept SA

KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) #Atten: 20 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Trig: Video Trig Delay: -2.000 ms WWWW P P P P P

1 Spectrum
Scale/Div 10 dB
Log

Ref Lvl Offset 17.67 dB
Ref Level 15.00 dBm

Δ Mkr2 1.620 ms
-1.41 dB

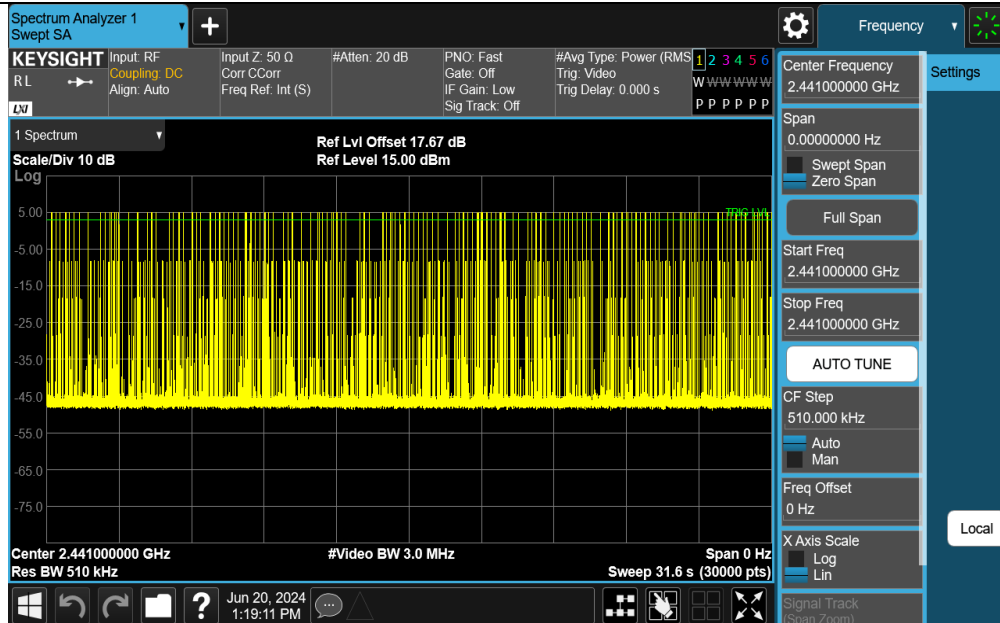
Center 2.441000000 GHz
Res BW 1.0 MHz
#Video BW 3.0 MHz
Span 0 Hz
Sweep 10.0 ms (1001 pts)

Full Span
Start Freq 2.441000000 GHz
Stop Freq 2.441000000 GHz
AUTO TUNE

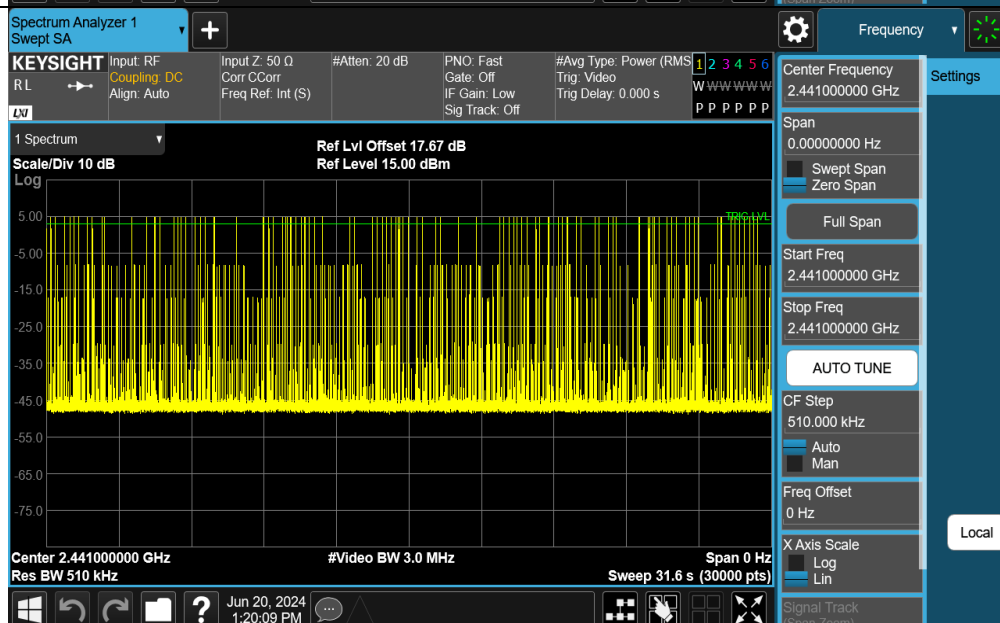
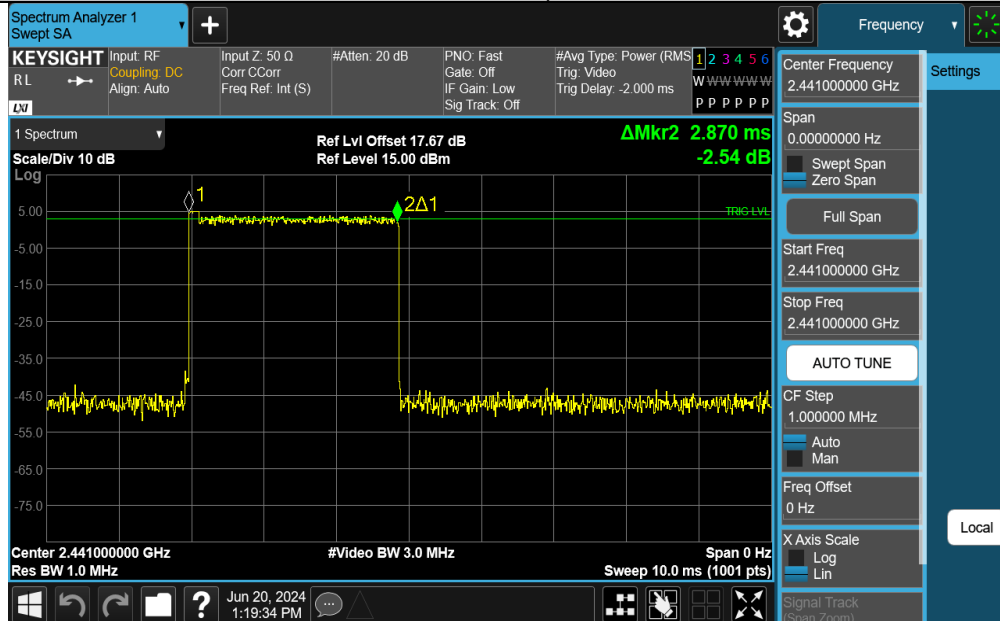
CF Step 1.000000 MHz
Auto
Man
Freq Offset 0 Hz
X Axis Scale Log
Lin

Signal Track

Jun 20, 2024 1:18:36 PM



3DH5-Ant1-Hop-PASS



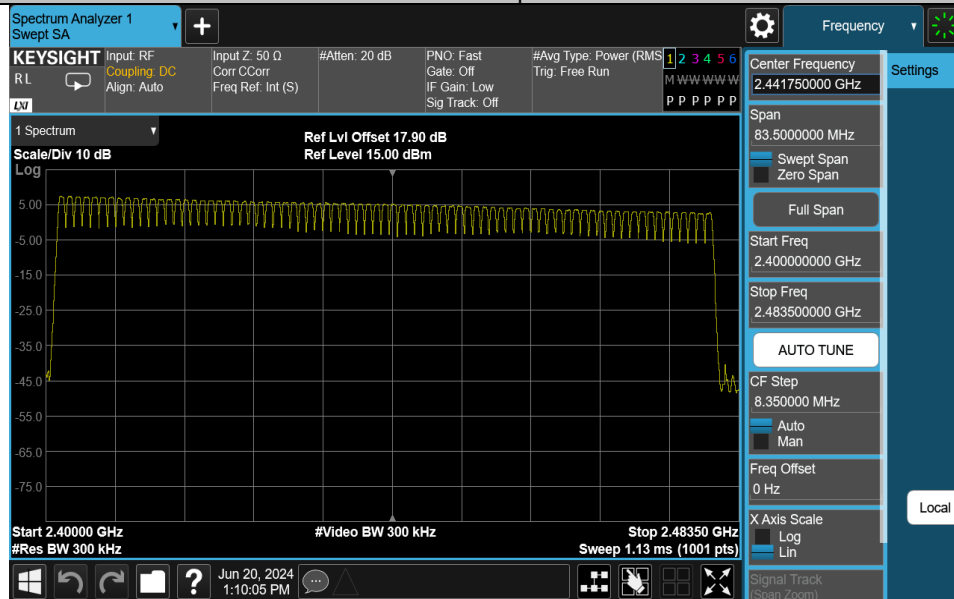
Appendix E: Number of hopping channels

Test Result

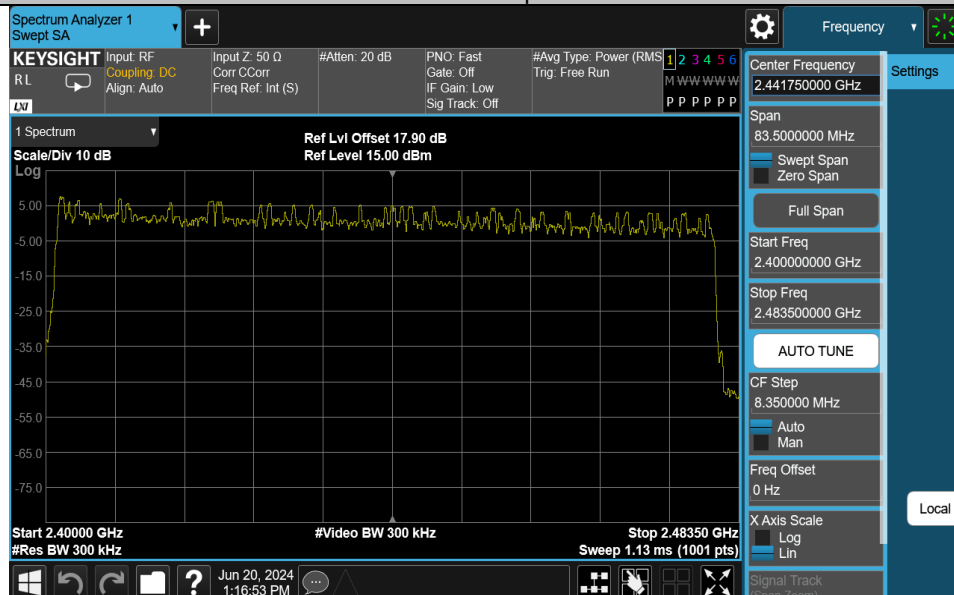
TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥ 15	PASS
2DH5	Ant1	Hop	79	≥ 15	PASS
3DH5	Ant1	Hop	79	≥ 15	PASS

Test Graphs

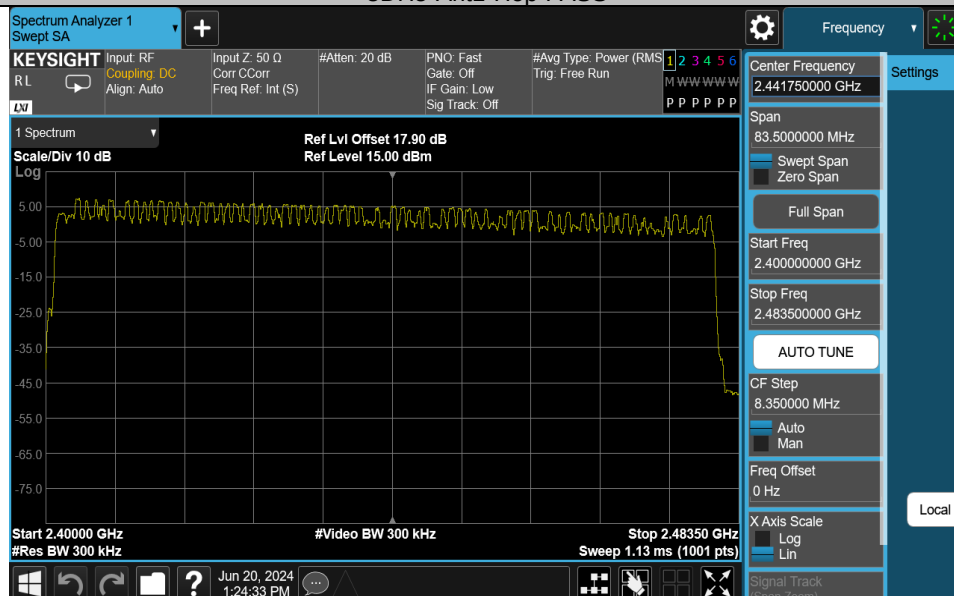
DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS



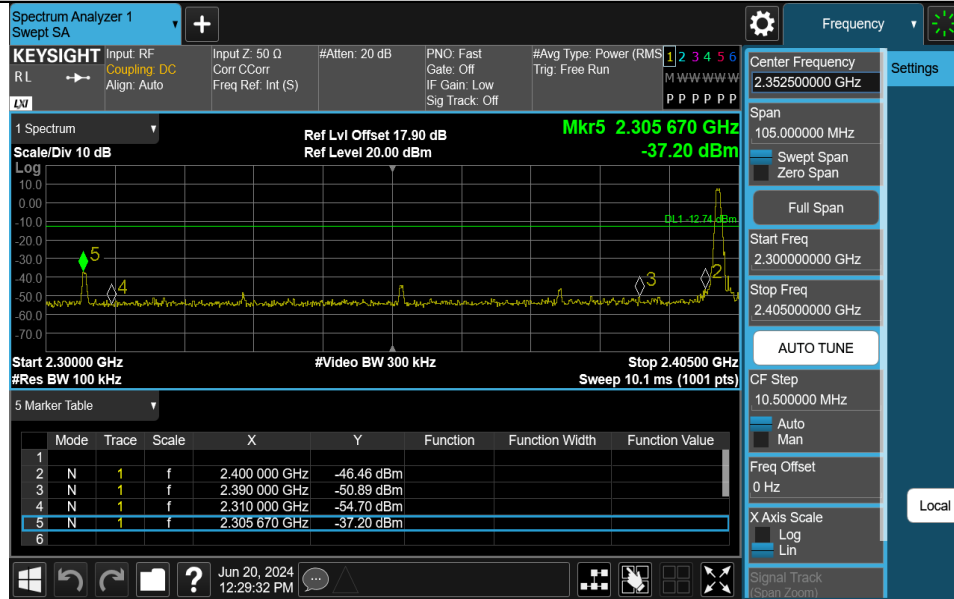
Appendix F: Band edge measurements

Test Result

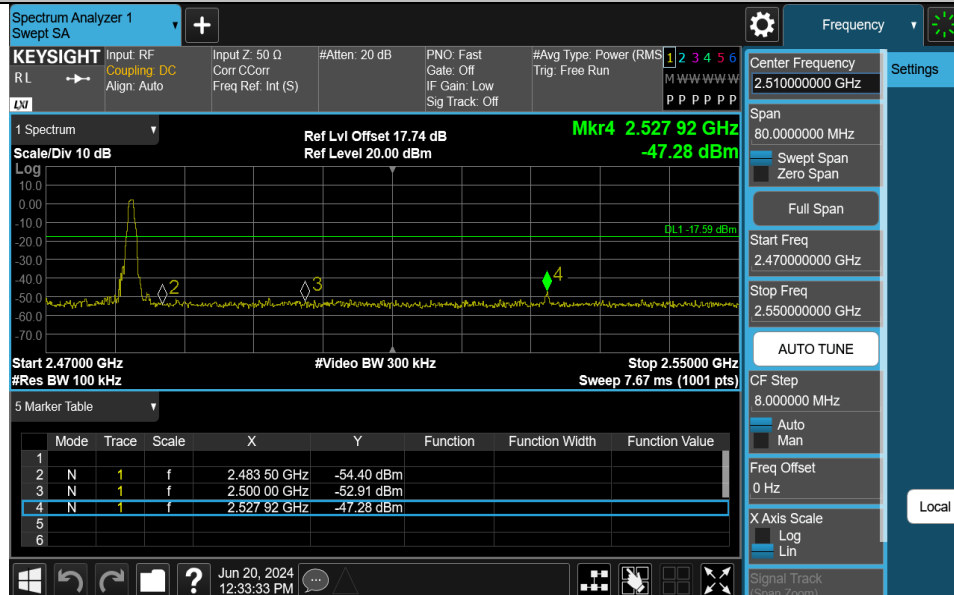
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	7.26	-37.2	≤ -12.74	PASS
DH5	Ant1	High	2480	2.41	-47.28	≤ -17.59	PASS
DH5	Ant1	Low	Hop_2402	6.88	-37.69	≤ -13.12	PASS
DH5	Ant1	High	Hop_2480	2.45	-42.06	≤ -17.55	PASS
2DH5	Ant1	Low	2402	7.28	-39.28	≤ -12.72	PASS
2DH5	Ant1	High	2480	2.38	-51.21	≤ -17.62	PASS
2DH5	Ant1	Low	Hop_2402	0.74	-38.85	≤ -19.26	PASS
2DH5	Ant1	High	Hop_2480	2.62	-41.84	≤ -17.39	PASS
3DH5	Ant1	Low	2402	7.28	-38.75	≤ -12.72	PASS
3DH5	Ant1	High	2480	2.46	-48.58	≤ -17.54	PASS
3DH5	Ant1	Low	Hop_2402	4.70	-38.75	≤ -15.3	PASS
3DH5	Ant1	High	Hop_2480	2.78	-42.17	≤ -17.22	PASS

Test Graphs

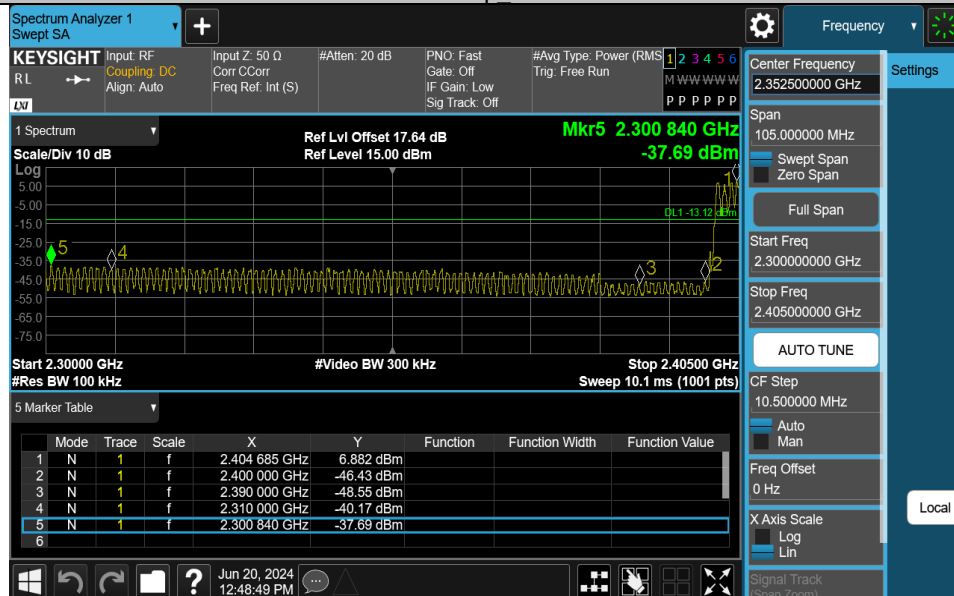
DH5-Ant1-2402-PASS



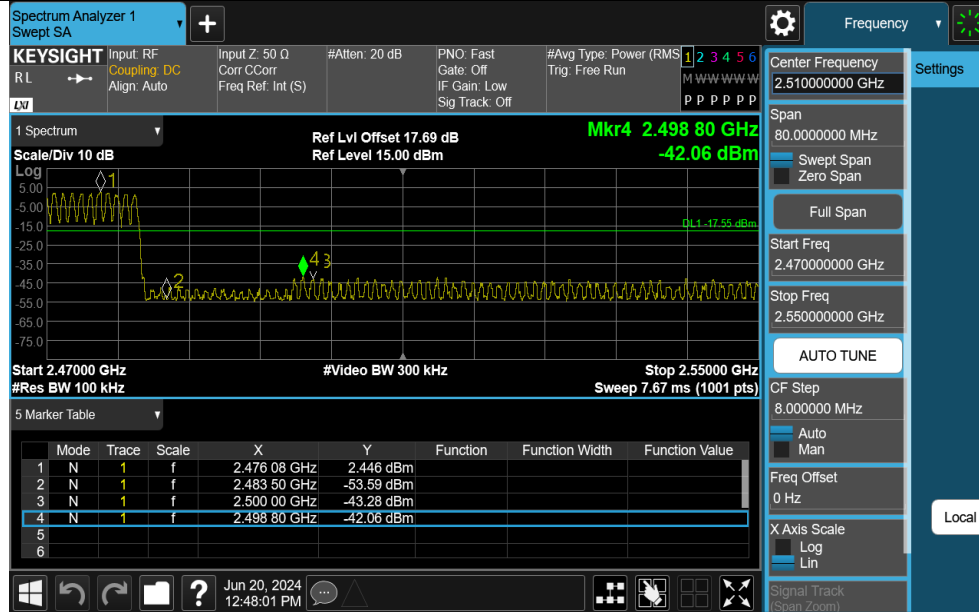
DH5-Ant1-2480-PASS



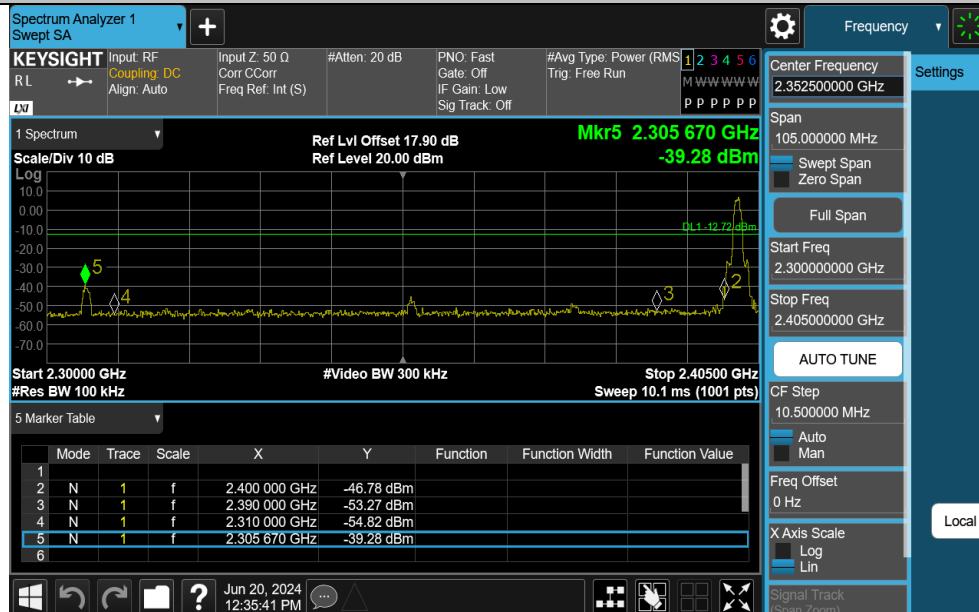
DH5-Ant1-Hop 2402-PASS



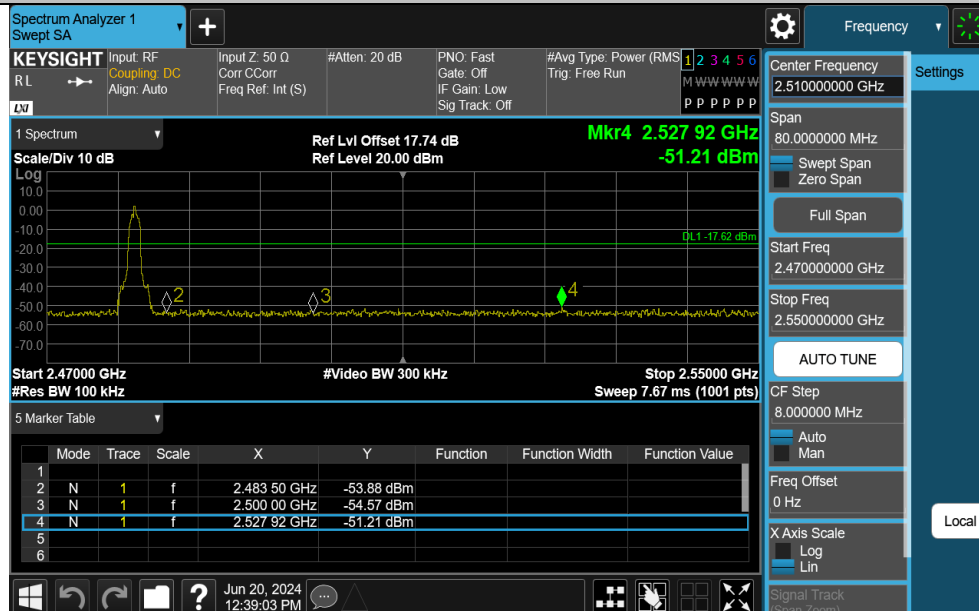
DH5-Ant1-Hop 2480-PASS



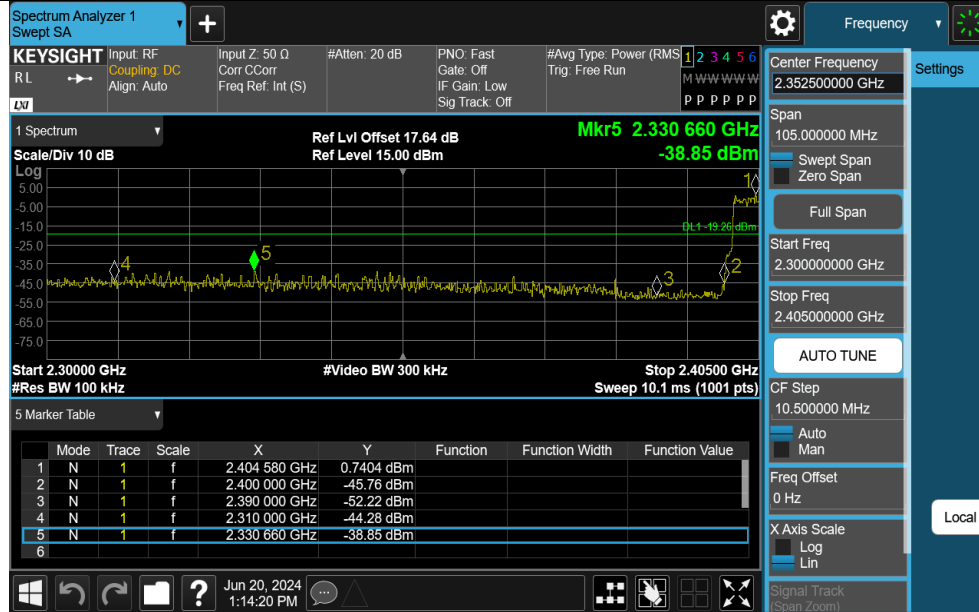
2DH5-Ant1-2402-PASS



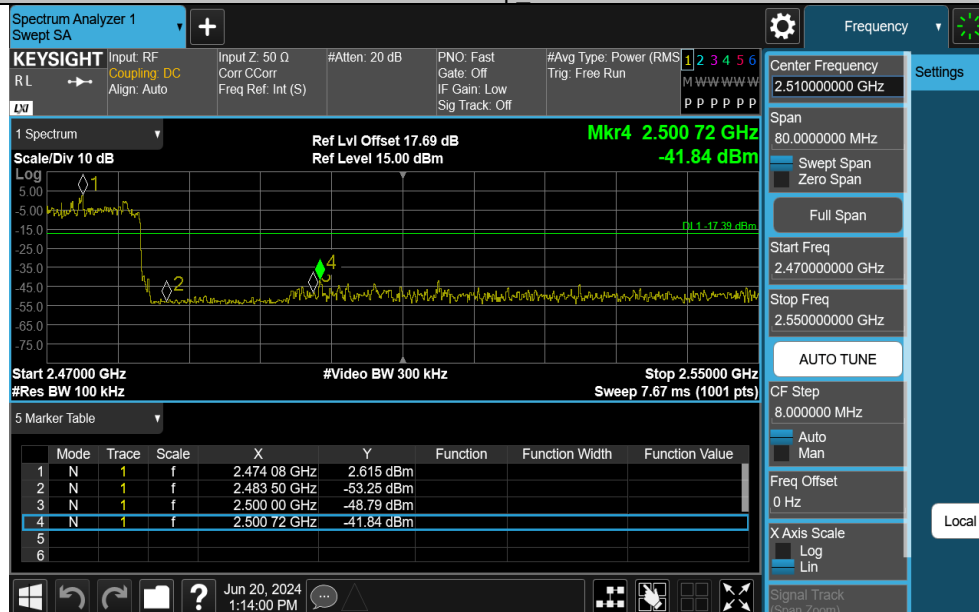
2DH5-Ant1-2480-PASS



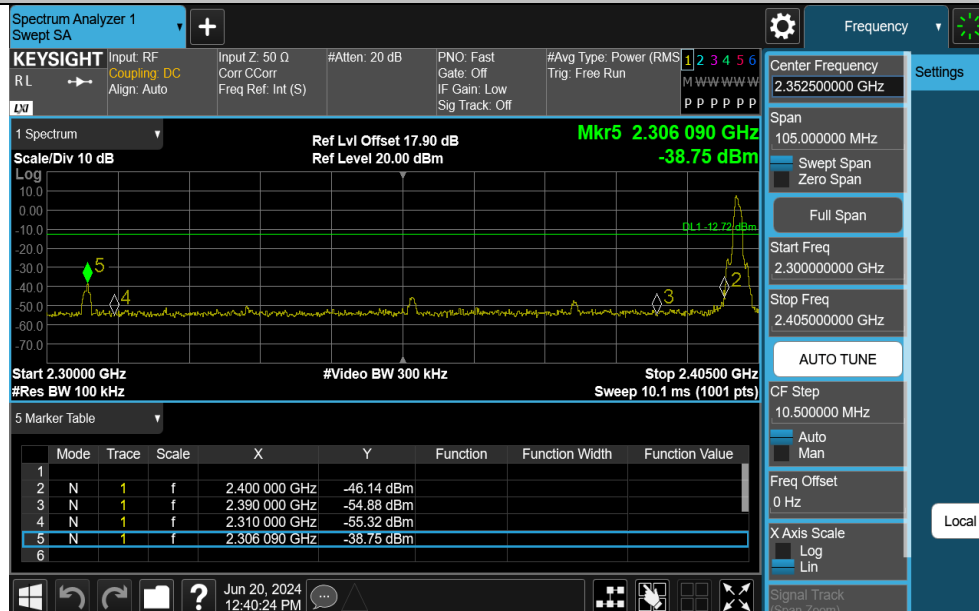
2DH5-Ant1-Hop 2402-PASS



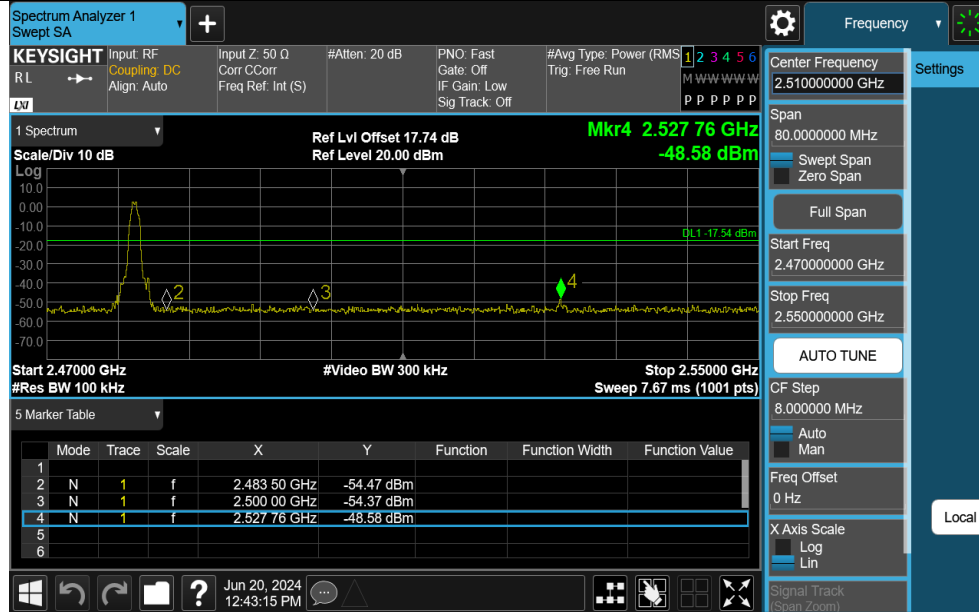
2DH5-Ant1-Hop 2480-PASS



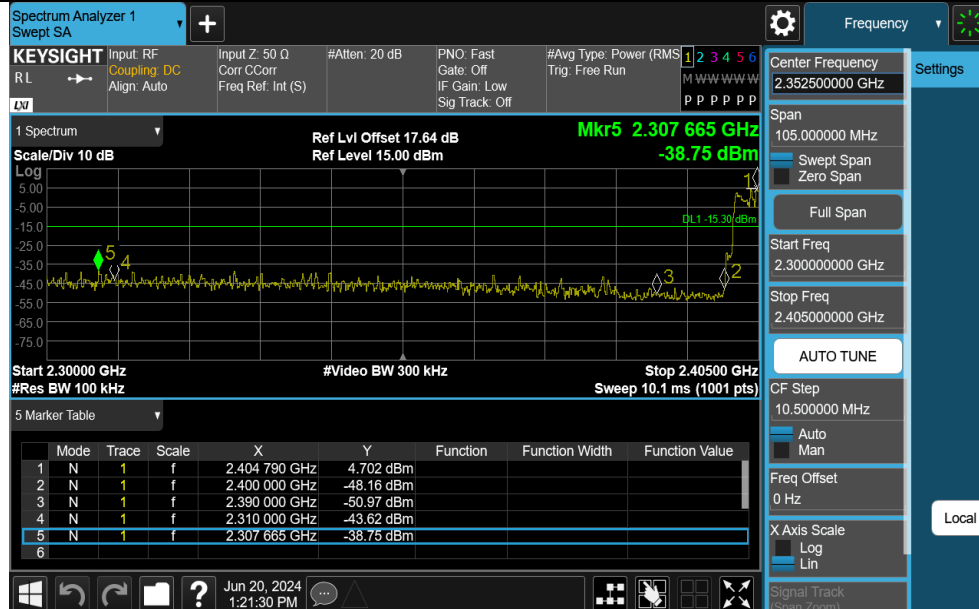
3DH5-Ant1-2402-PASS



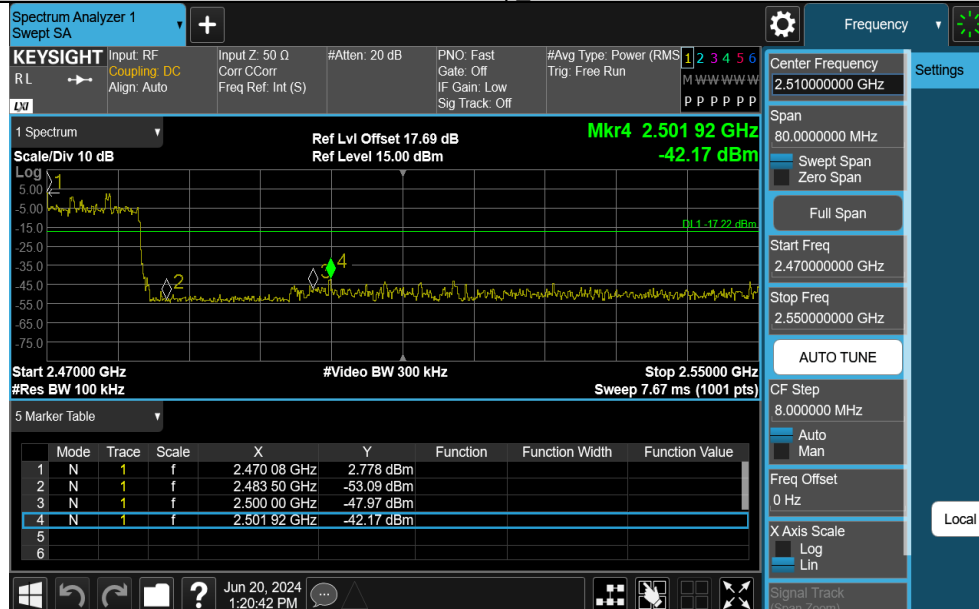
3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop 2402-PASS



3DH5-Ant1-Hop 2480-PASS



Appendix G: Conducted Spurious Emission Test Result

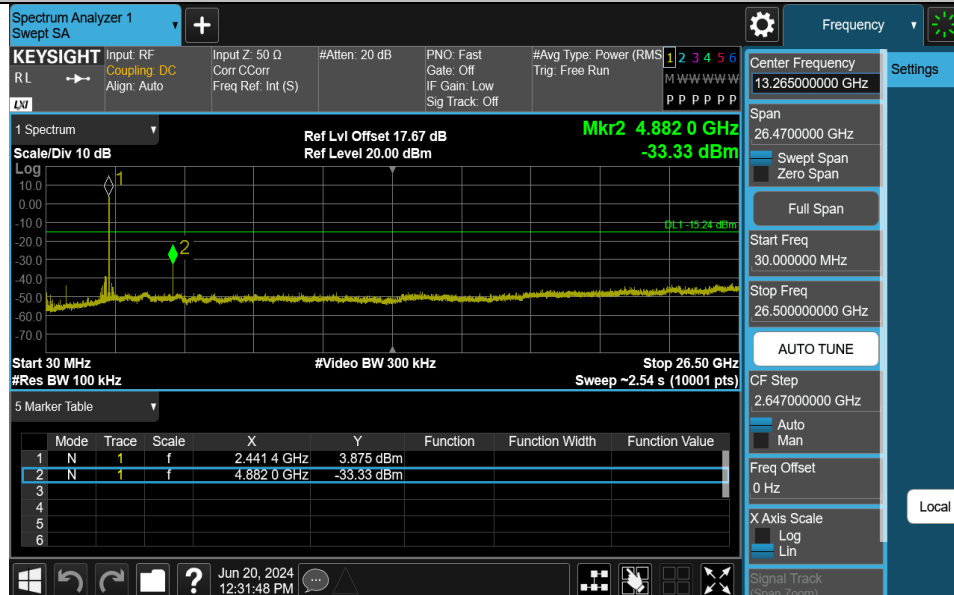
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	30~26500	7.26	-26.52	≤ -12.74	PASS
DH5	Ant1	2441	30~26500	4.76	-33.33	≤ -15.24	PASS
DH5	Ant1	2480	30~26500	2.41	-35.83	≤ -17.59	PASS
2DH5	Ant1	2402	30~26500	7.28	-28.66	≤ -12.72	PASS
2DH5	Ant1	2441	30~26500	4.68	-33.57	≤ -15.32	PASS
2DH5	Ant1	2480	30~26500	2.38	-42.57	≤ -17.62	PASS
3DH5	Ant1	2402	30~26500	7.28	-26.06	≤ -12.72	PASS
3DH5	Ant1	2441	30~26500	4.87	-40.04	≤ -15.13	PASS
3DH5	Ant1	2480	30~26500	2.46	-41.4	≤ -17.54	PASS

Test Graphs

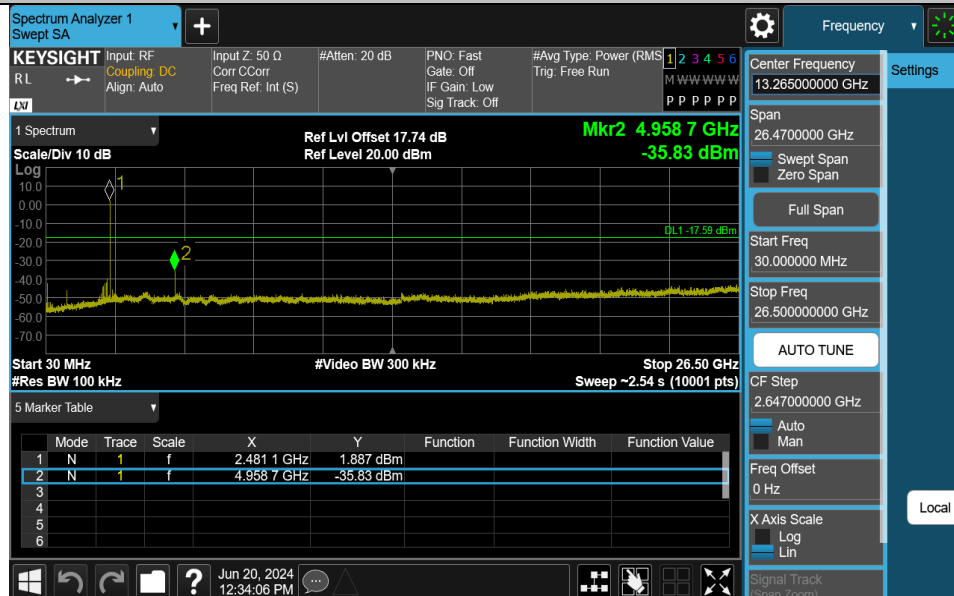
DH5-Ant1-2402-30~26500-PASS



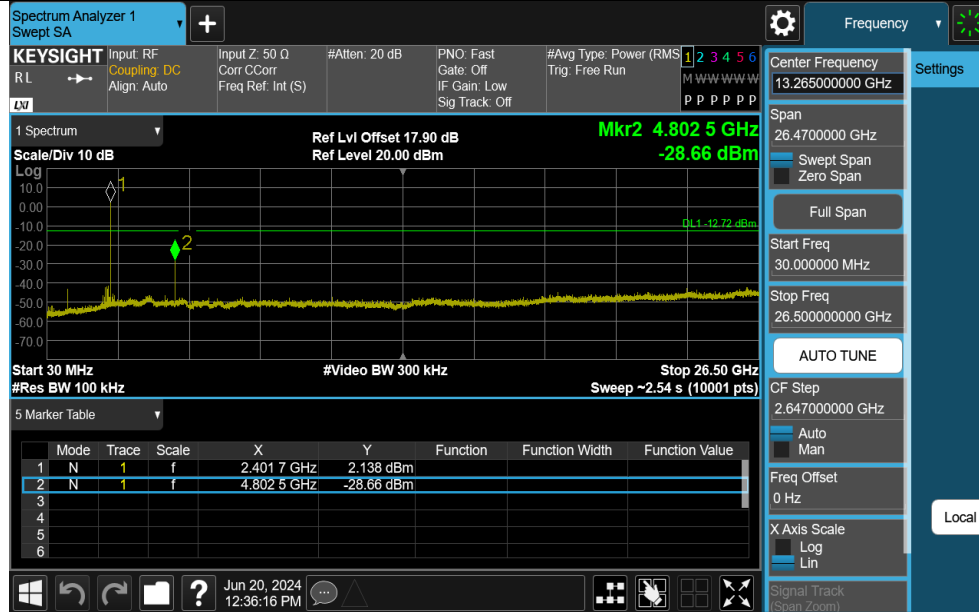
DH5-Ant1-2441-30~26500-PASS



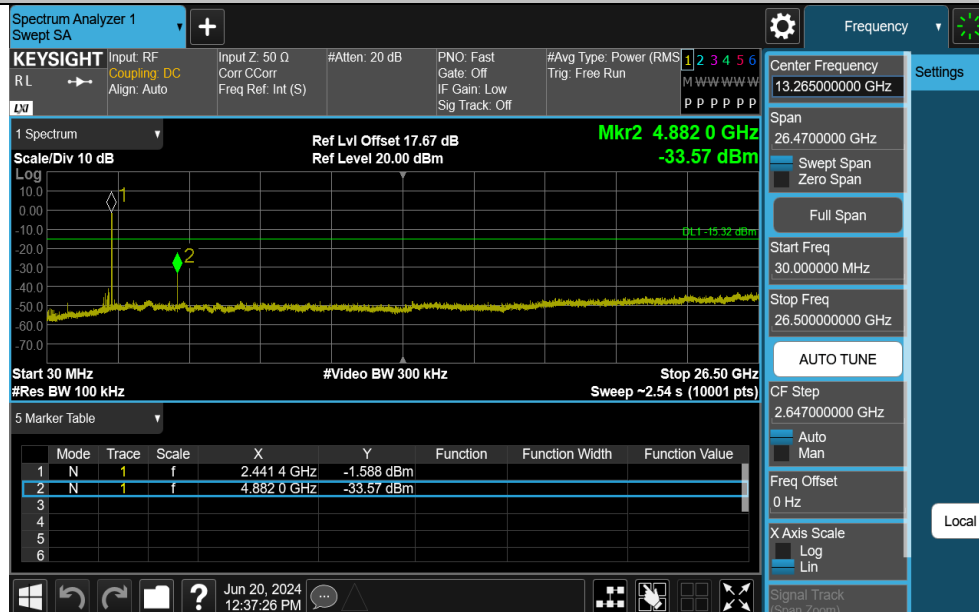
DH5-Ant1-2480-30~26500-PASS



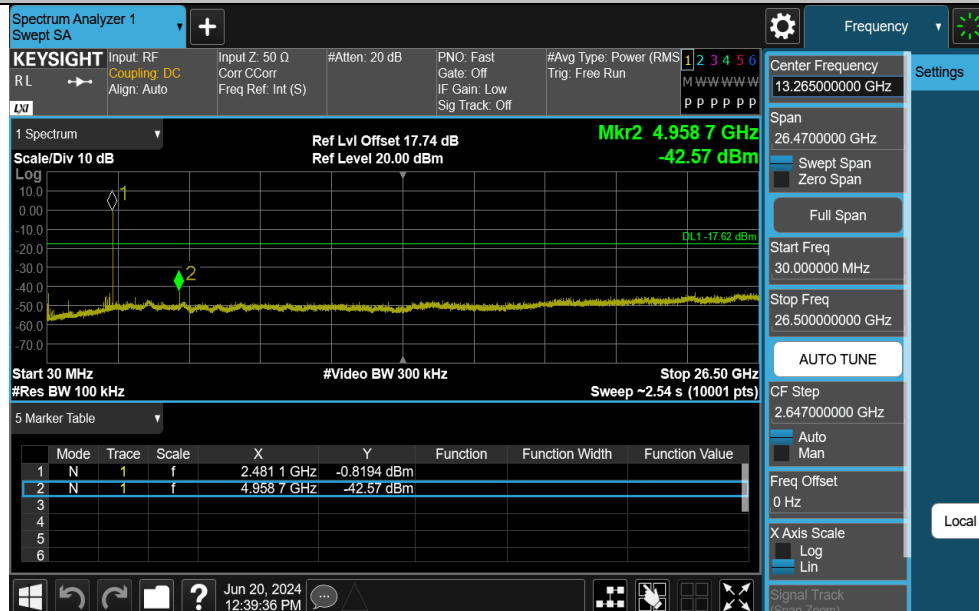
2DH5-Ant1-2402-30~26500-PASS



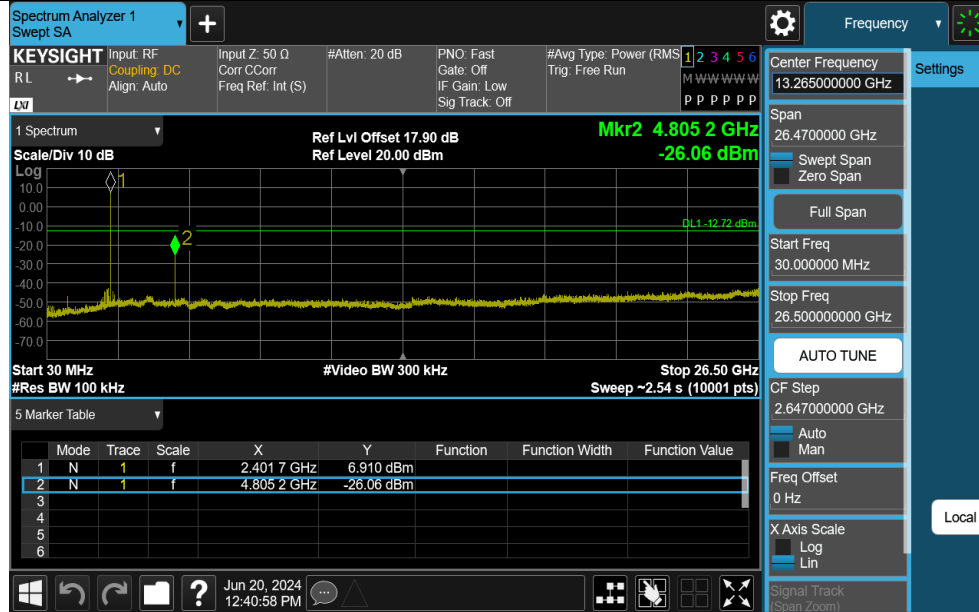
2DH5-Ant1-2441-30~26500-PASS



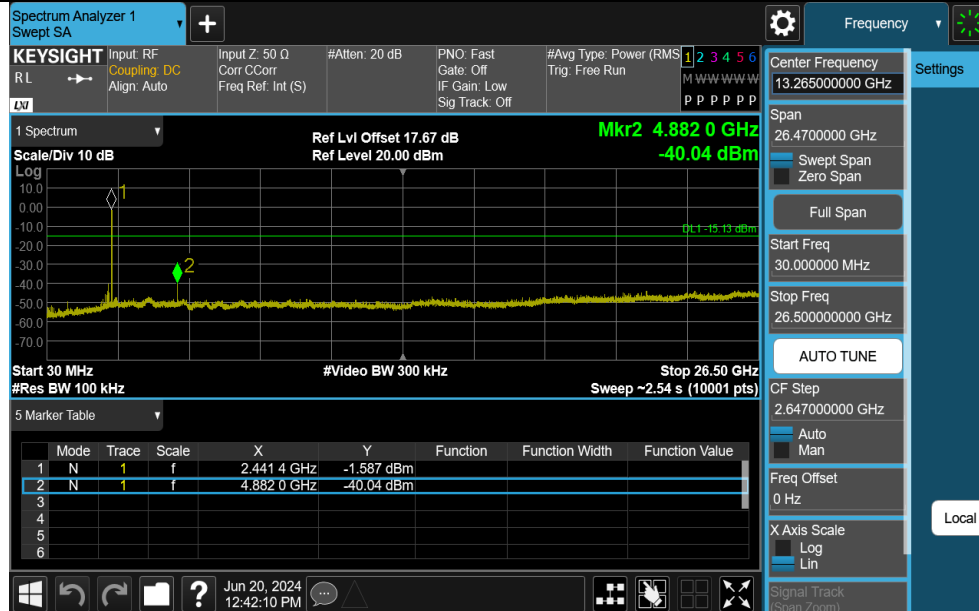
2DH5-Ant1-2480-30~26500-PASS



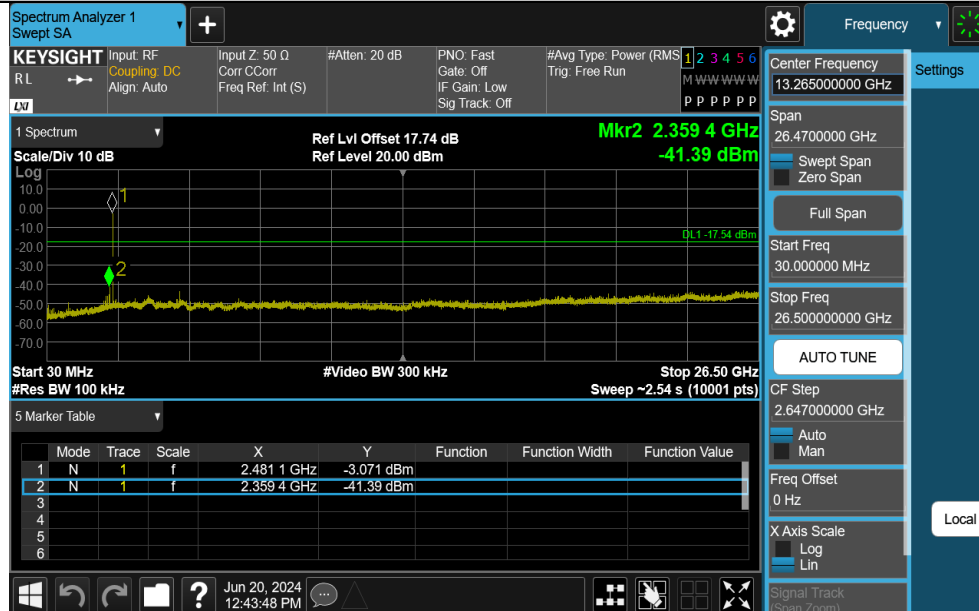
3DH5-Ant1-2402-30~26500-PASS



3DH5-Ant1-2441-30~26500-PASS



3DH5-Ant1-2480-30~26500-PASS



Appendix H: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
DH5	Ant1	2402	2402.06	7.26
DH5	Ant1	2441	2441.05	4.76
DH5	Ant1	2480	2479.70	2.41
2DH5	Ant1	2402	2401.72	7.28
2DH5	Ant1	2441	2441.06	4.68
2DH5	Ant1	2480	2479.69	2.38
3DH5	Ant1	2402	2401.71	7.28
3DH5	Ant1	2441	2441.06	4.87
3DH5	Ant1	2480	2480.05	2.46

Test Graphs

DH5-Ant1-2402-PASS



DH5-Ant1-2441-PASS



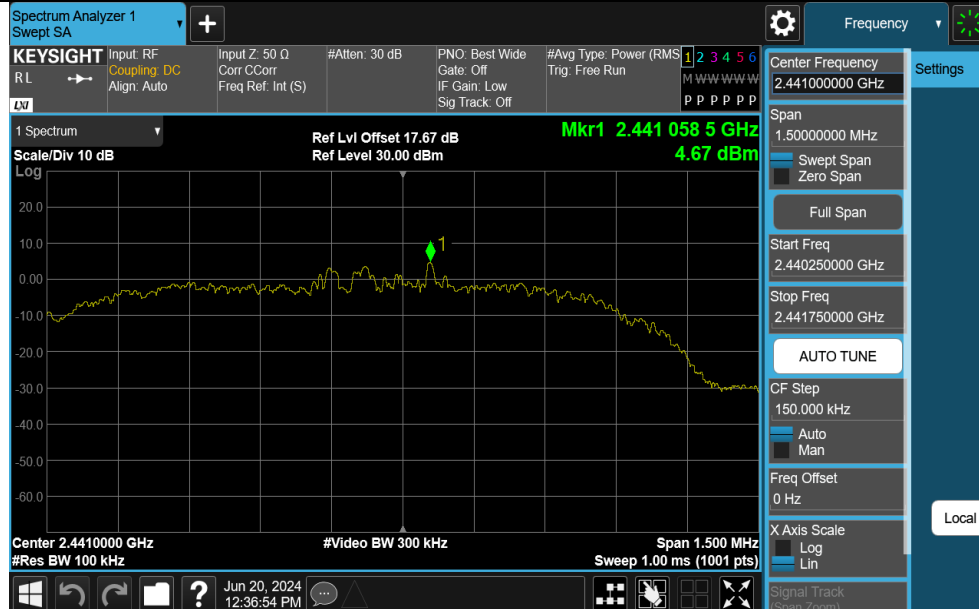
DH5-Ant1-2480-PASS



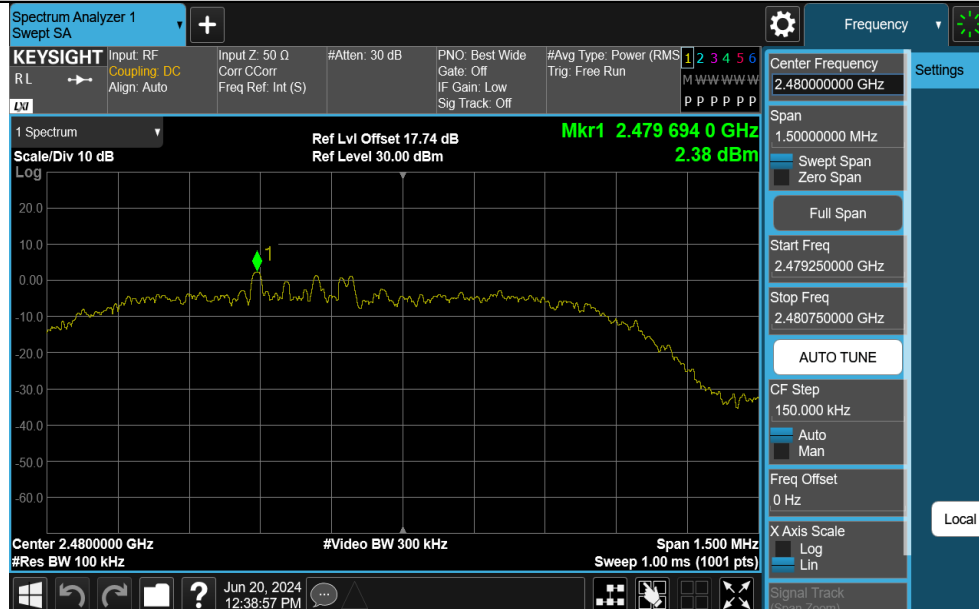
2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS



2DH5-Ant1-2480-PASS



3DH5-Ant1-2402-PASS



3DH5-Ant1-2441-PASS



3DH5-Ant1-2480-PASS

