

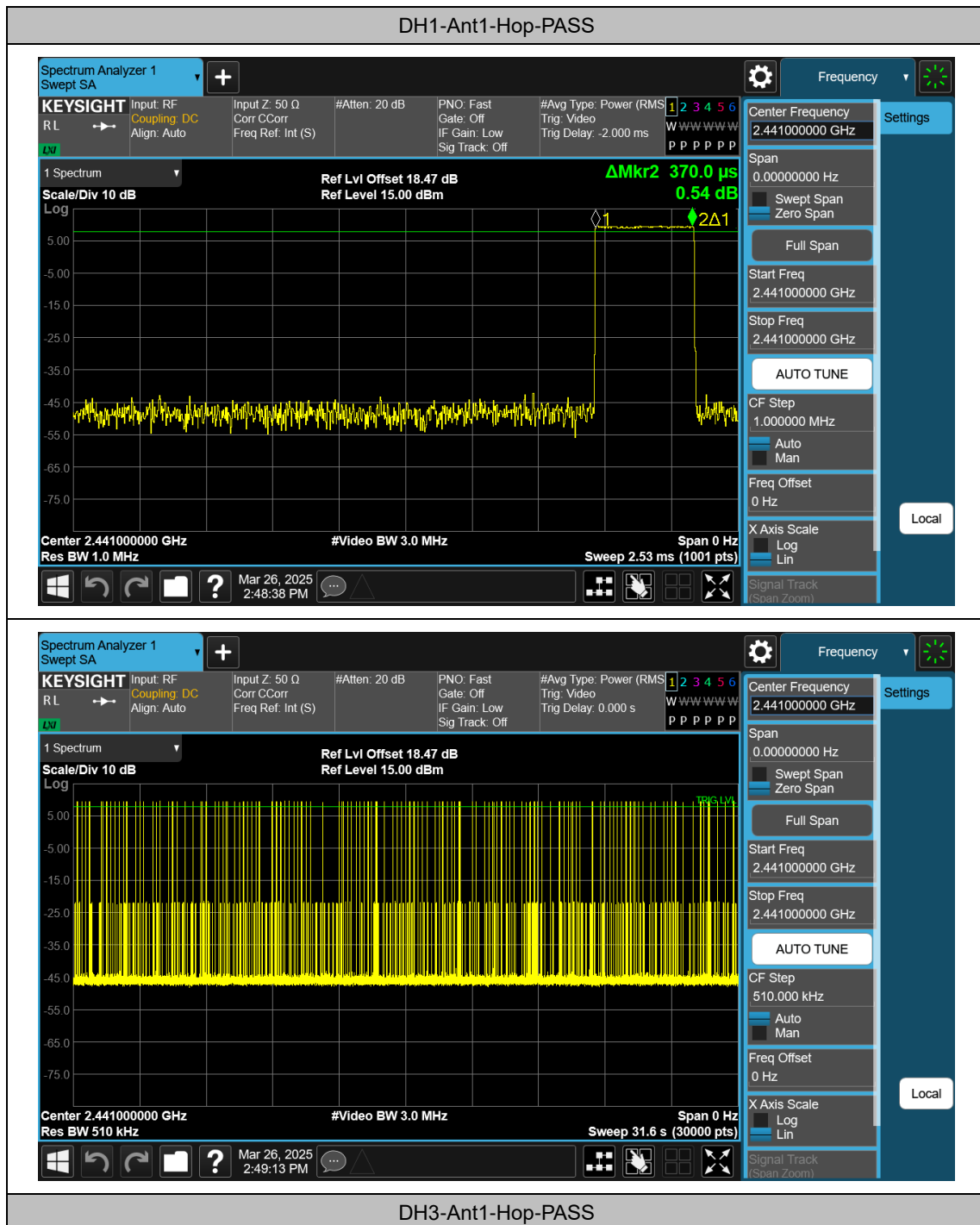
Appendix D: Time of occupancy

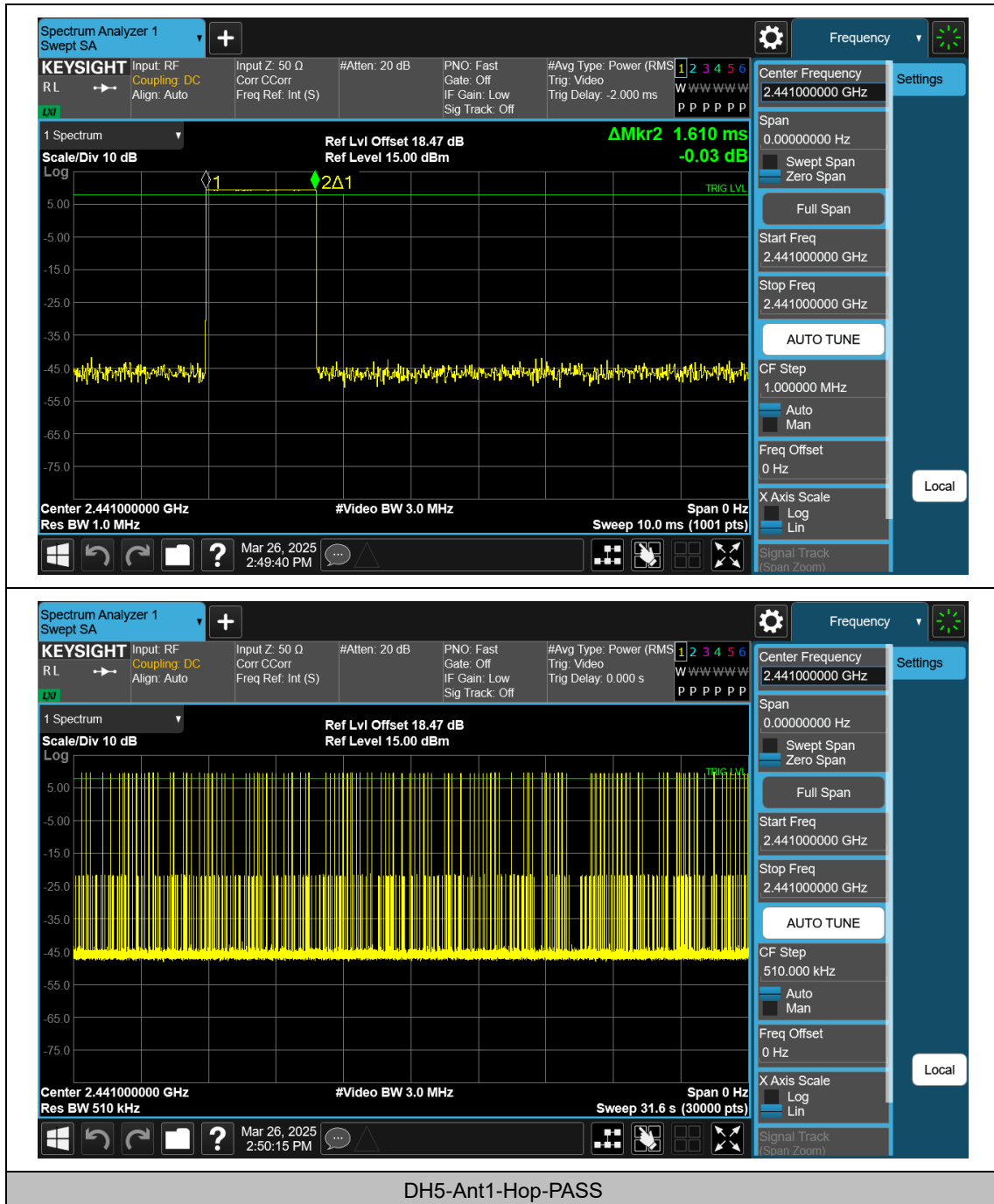
Test Result

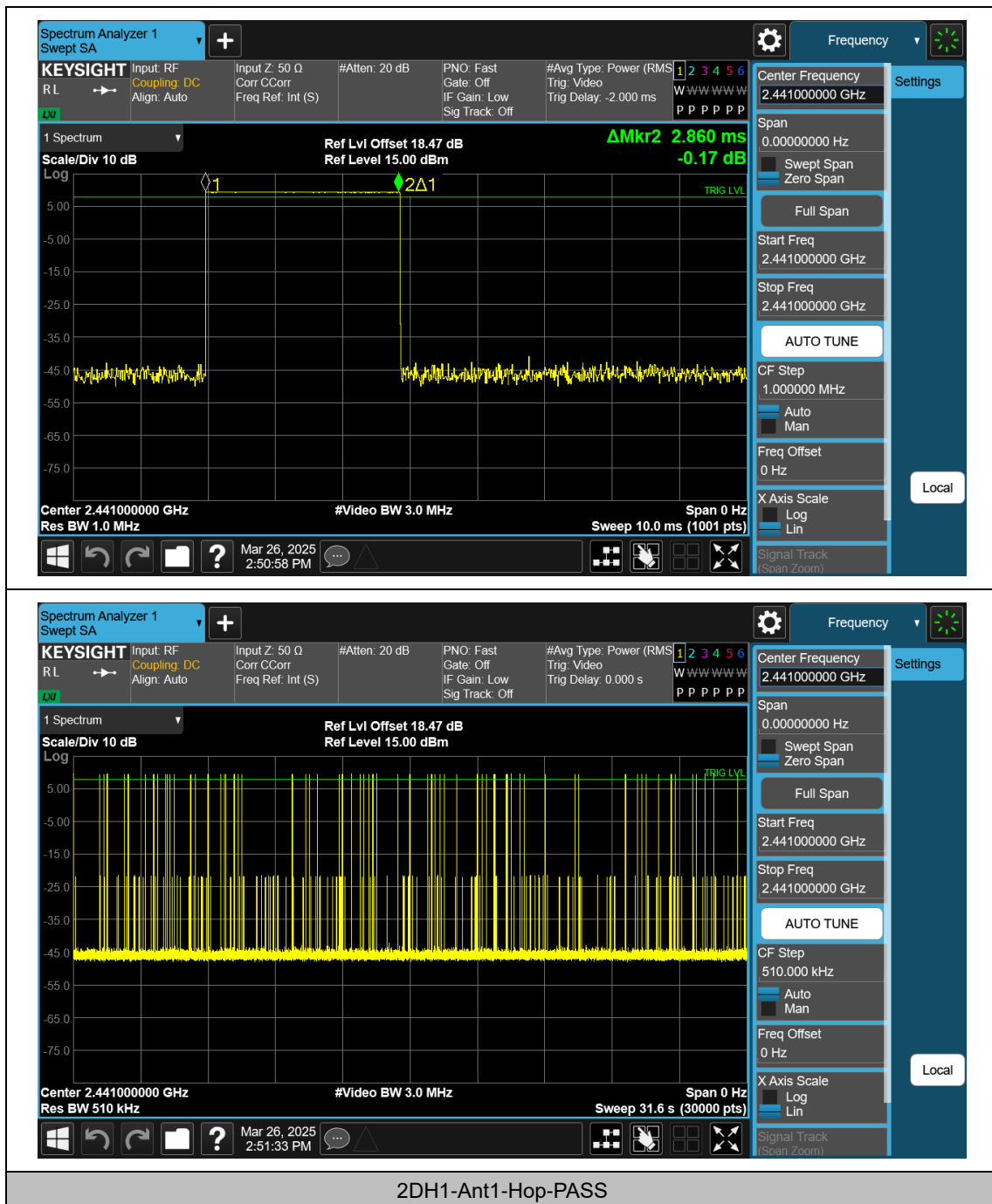
TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.370	160	0.059	≤0.4	PASS
DH3	Ant1	Hop	1.610	155	0.25	≤0.4	PASS
DH5	Ant1	Hop	2.860	76	0.217	≤0.4	PASS
2DH1	Ant1	Hop	0.377	160	0.06	≤0.4	PASS
2DH3	Ant1	Hop	1.610	160	0.258	≤0.4	PASS
2DH5	Ant1	Hop	2.870	0	0	≤0.4	PASS
3DH1	Ant1	Hop	0.380	156	0.059	≤0.4	PASS
3DH3	Ant1	Hop	1.610	158	0.254	≤0.4	PASS
3DH5	Ant1	Hop	2.860	83	0.237	≤0.4	PASS



Test Graphs







Spectrum Analyzer 1
Swept SA

KEYSIGHT

Input: RF

R.L.

Coupling: DC

Align: Auto

Input Z: 50 Ω

Corr C/Corr

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: 0.000 s

1 2 3 4 5 6

W W W W W W

P P P P P P

Center Frequency

2.441000000 GHz

Span

0.00000000 Hz

Swept Span

Zero Span

Full Span

Start Freq

2.441000000 GHz

Stop Freq

2.441000000 GHz

AUTO TUNE

CF Step

510.000 kHz

Auto

Man

Freq Offset

0 Hz

X Axis Scale

Log

Lin

Signal Track

(Span Zoom)

1 Spectrum

Scale/Div 10 dB

Log

Ref Lvl Offset 18.47 dB

Ref Level 15.00 dBm

TRIG LVL

Center 2.441000000 GHz

#Video BW 3.0 MHz

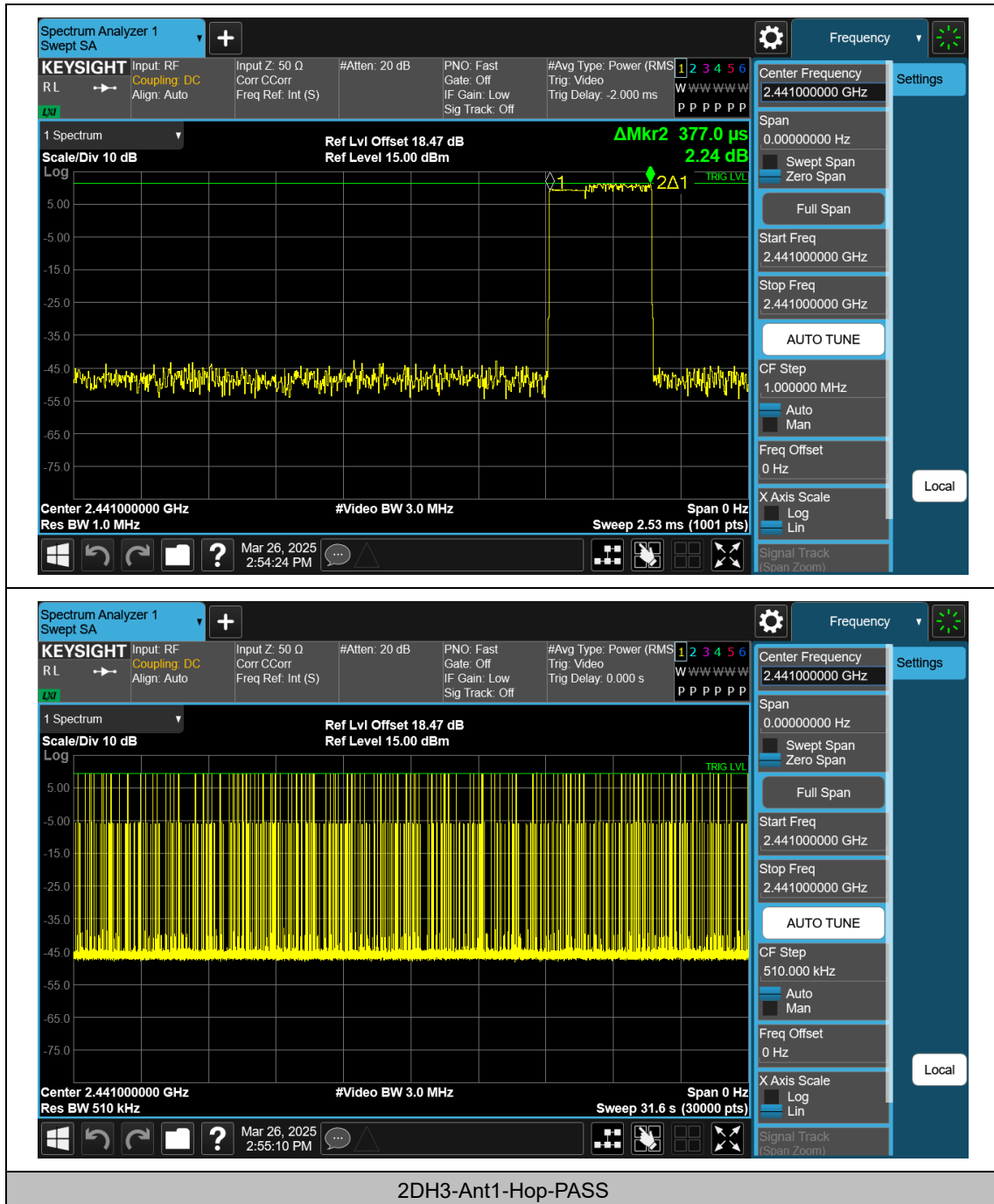
Span 0 Hz

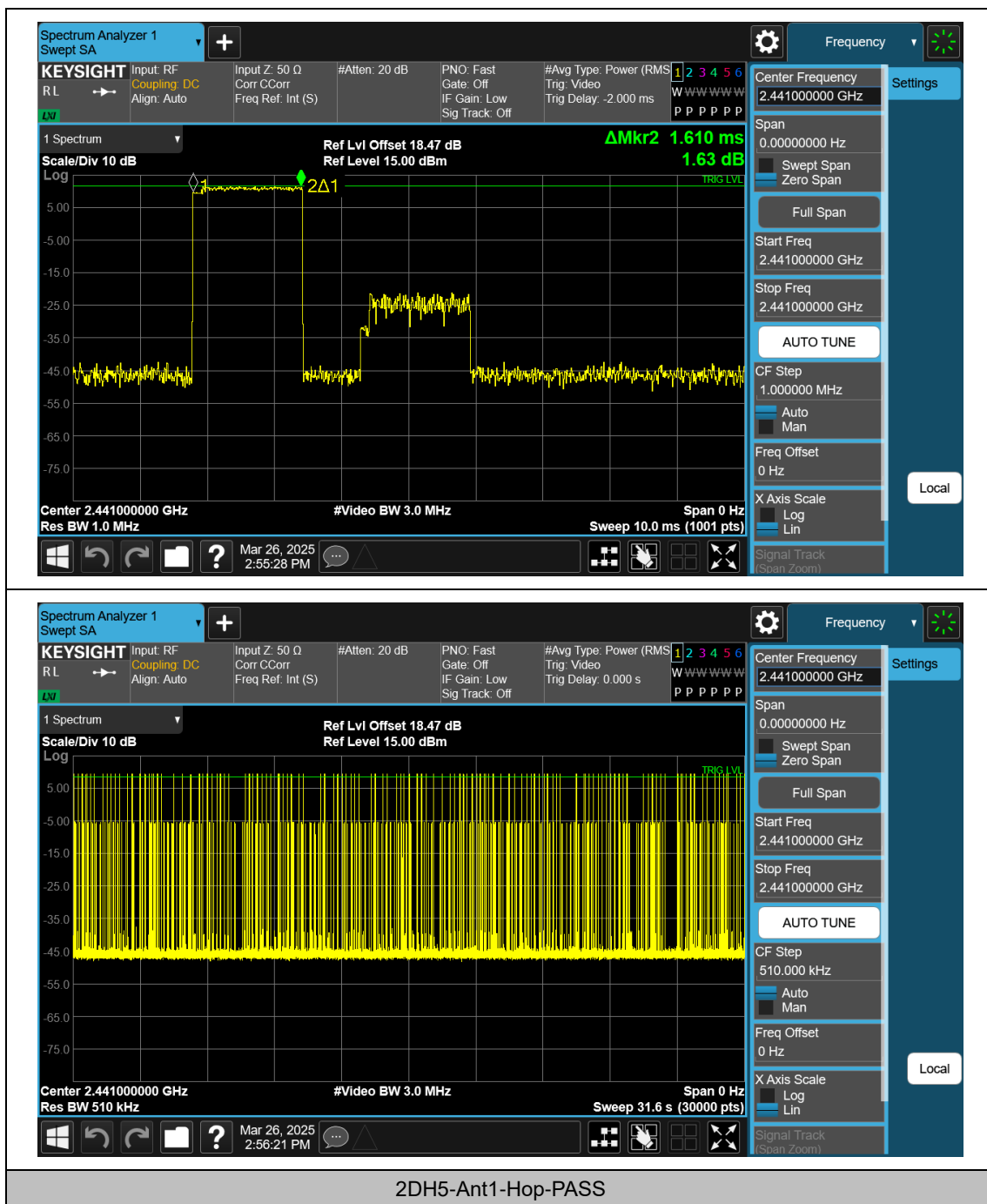
Res BW 510 kHz

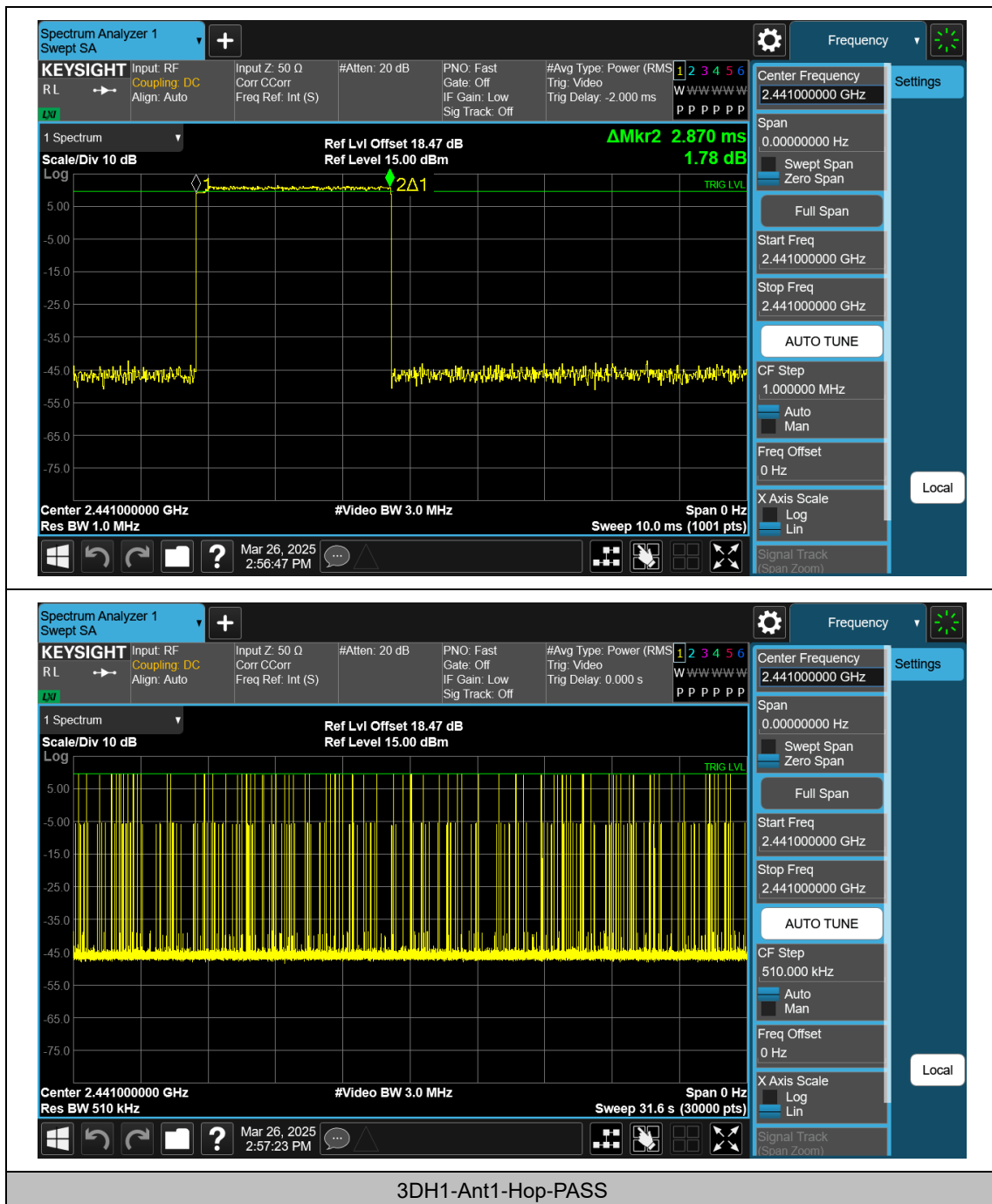
Sweep 31.6 s (30000 pts)

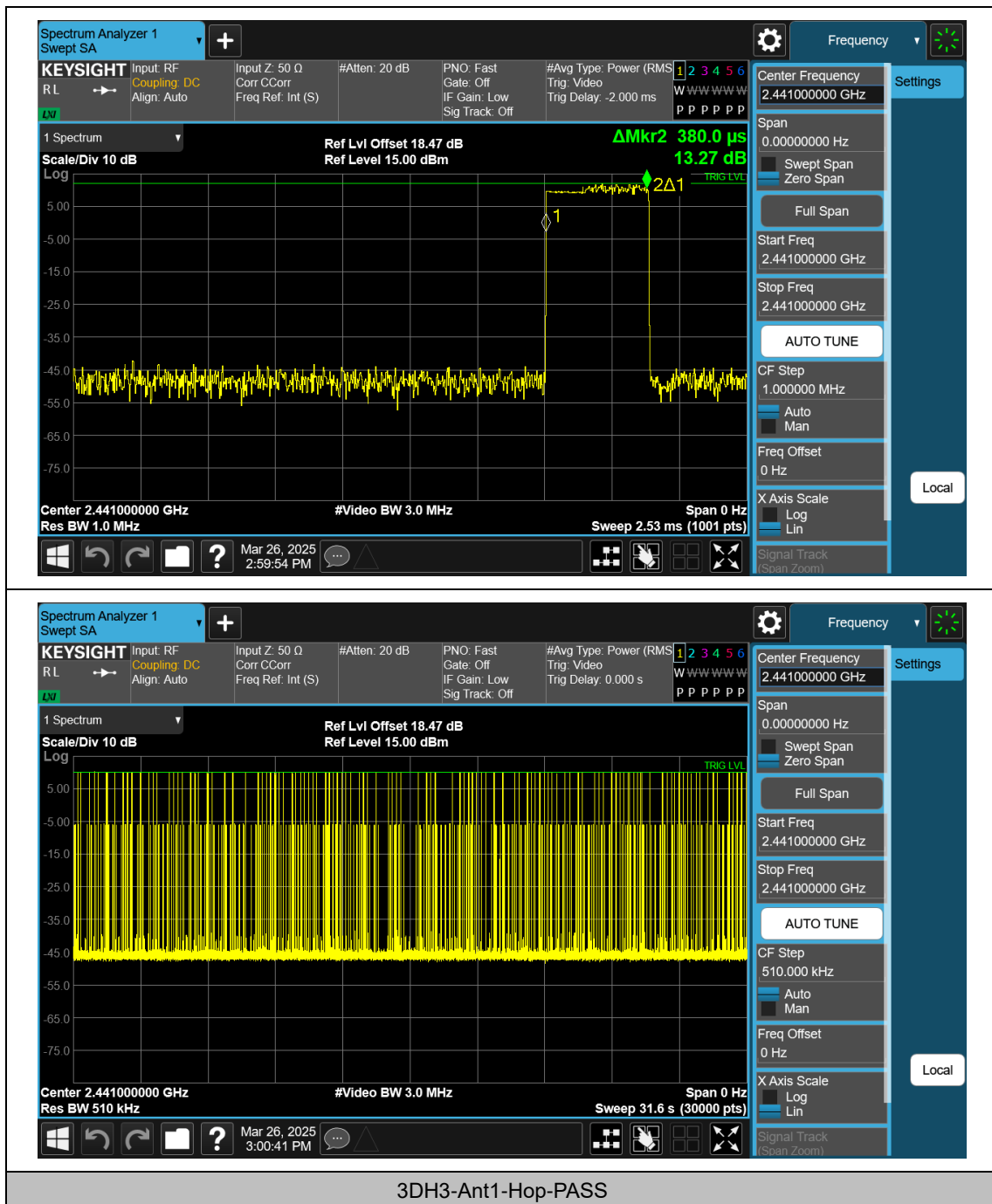
Mar 26, 2025 2:51:33 PM

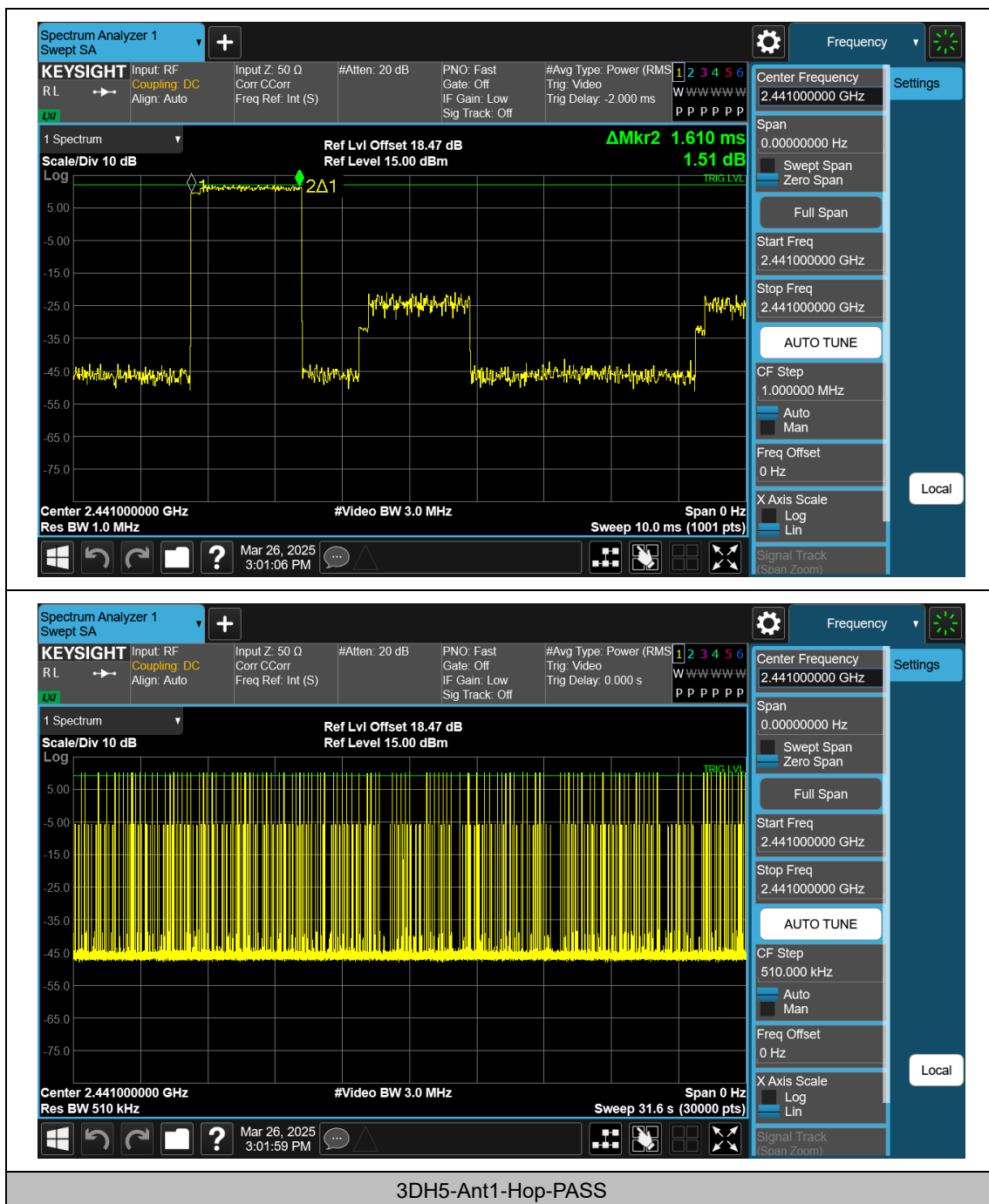
2DH1-Ant1-Hop-PASS

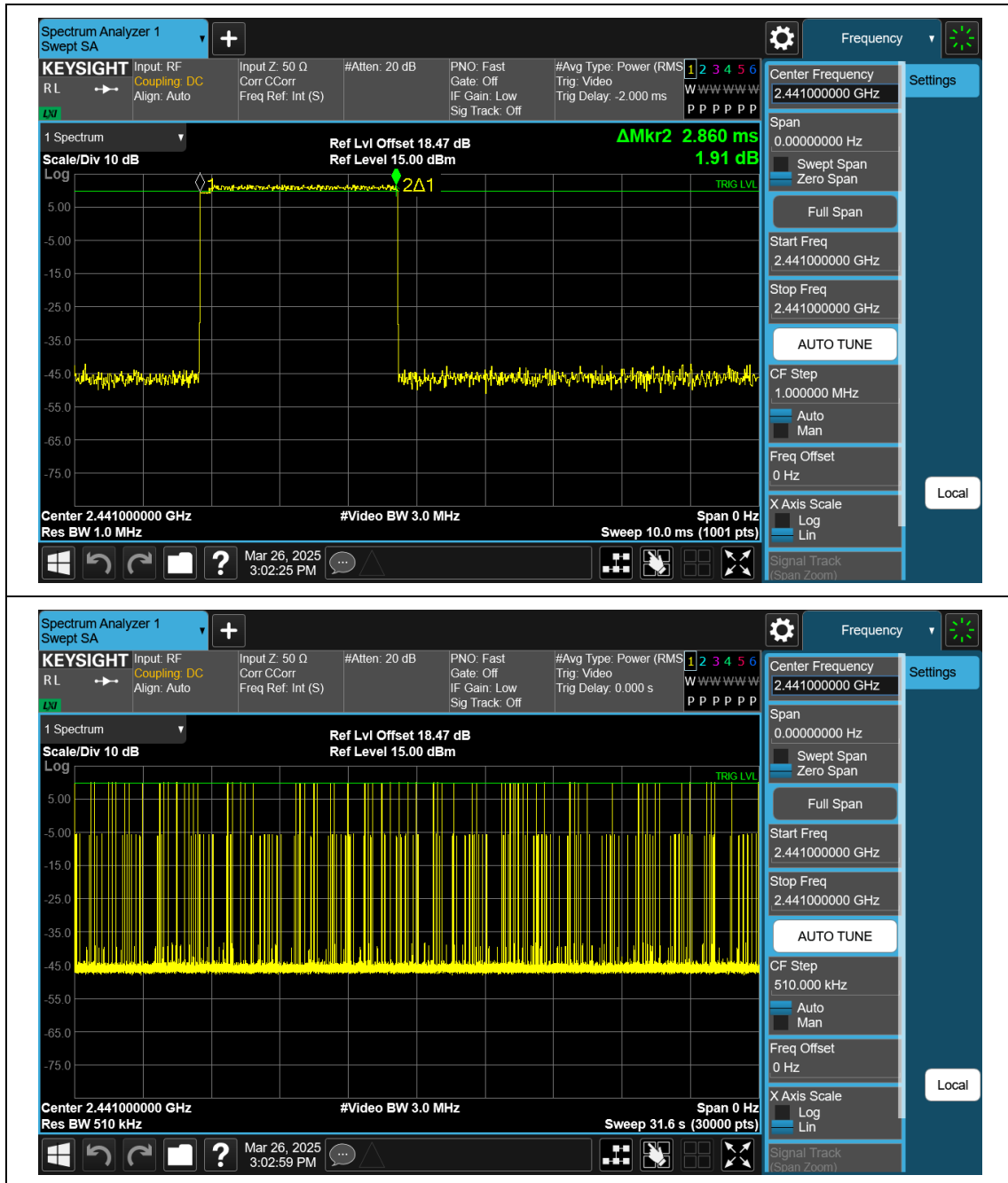












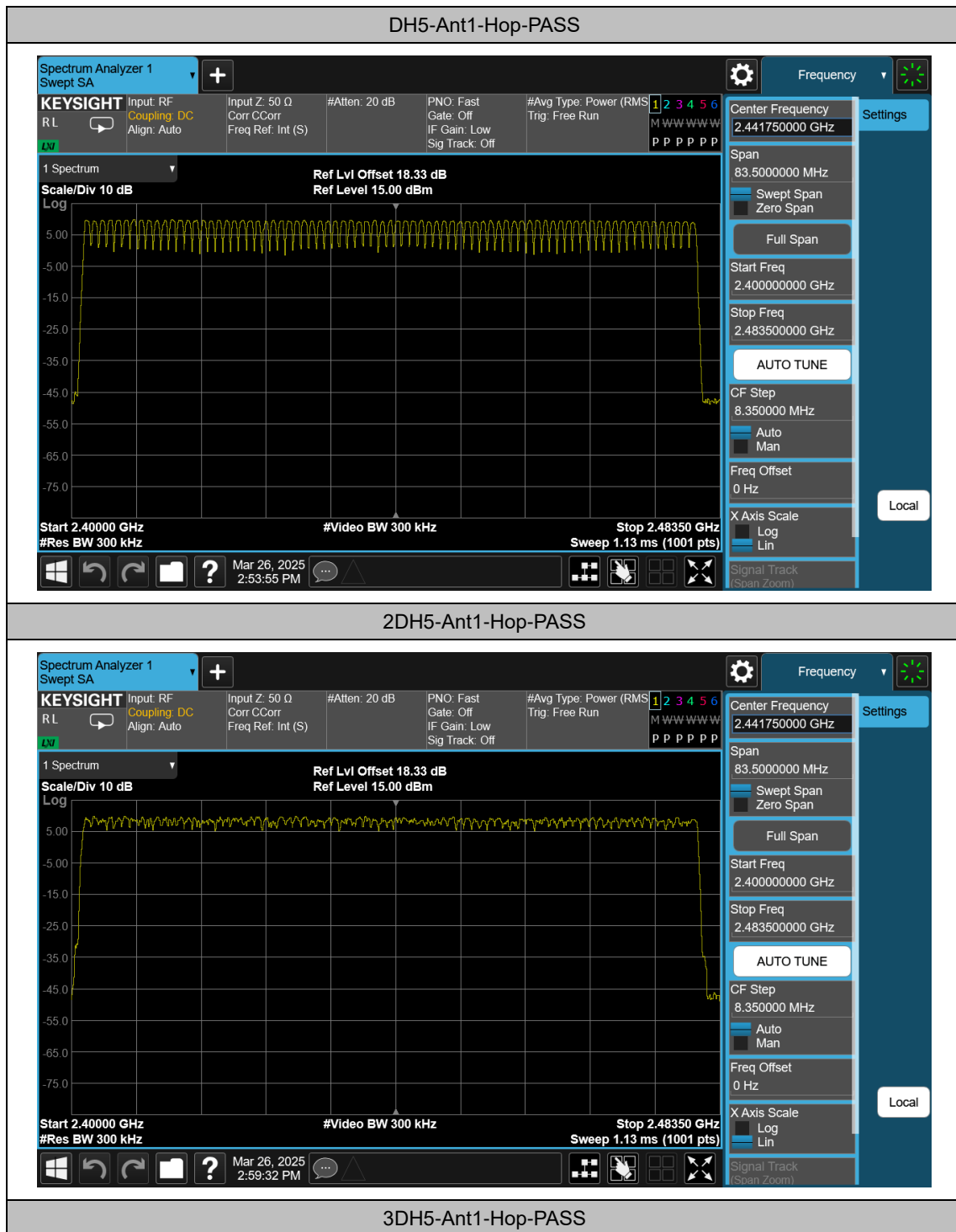


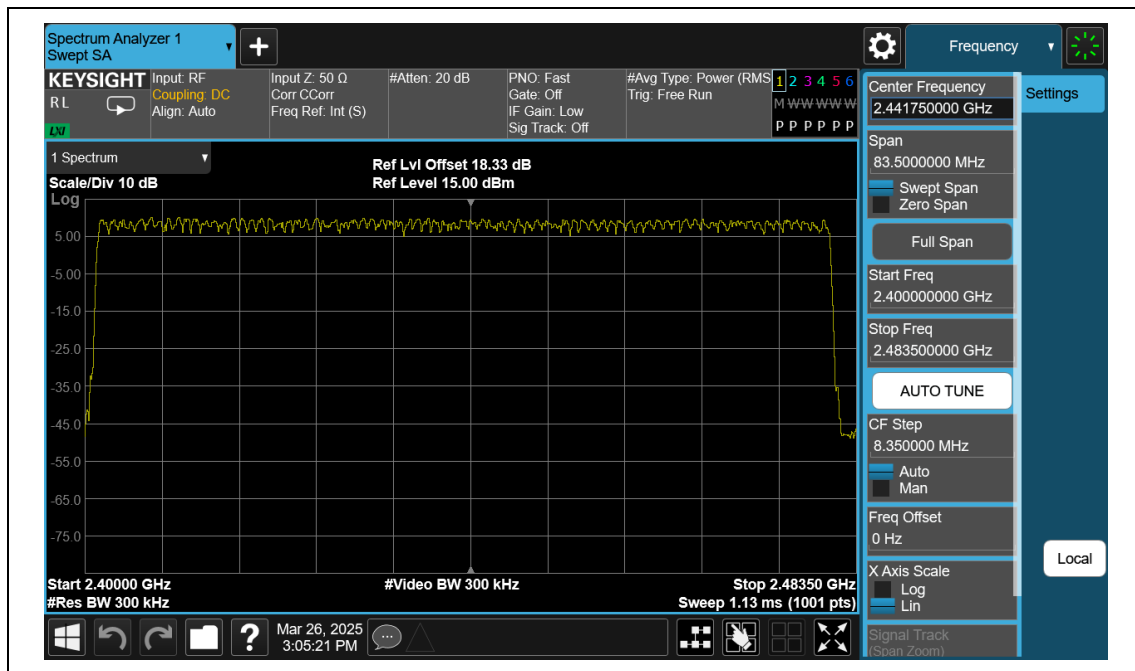
Appendix E: Number of hopping channels

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





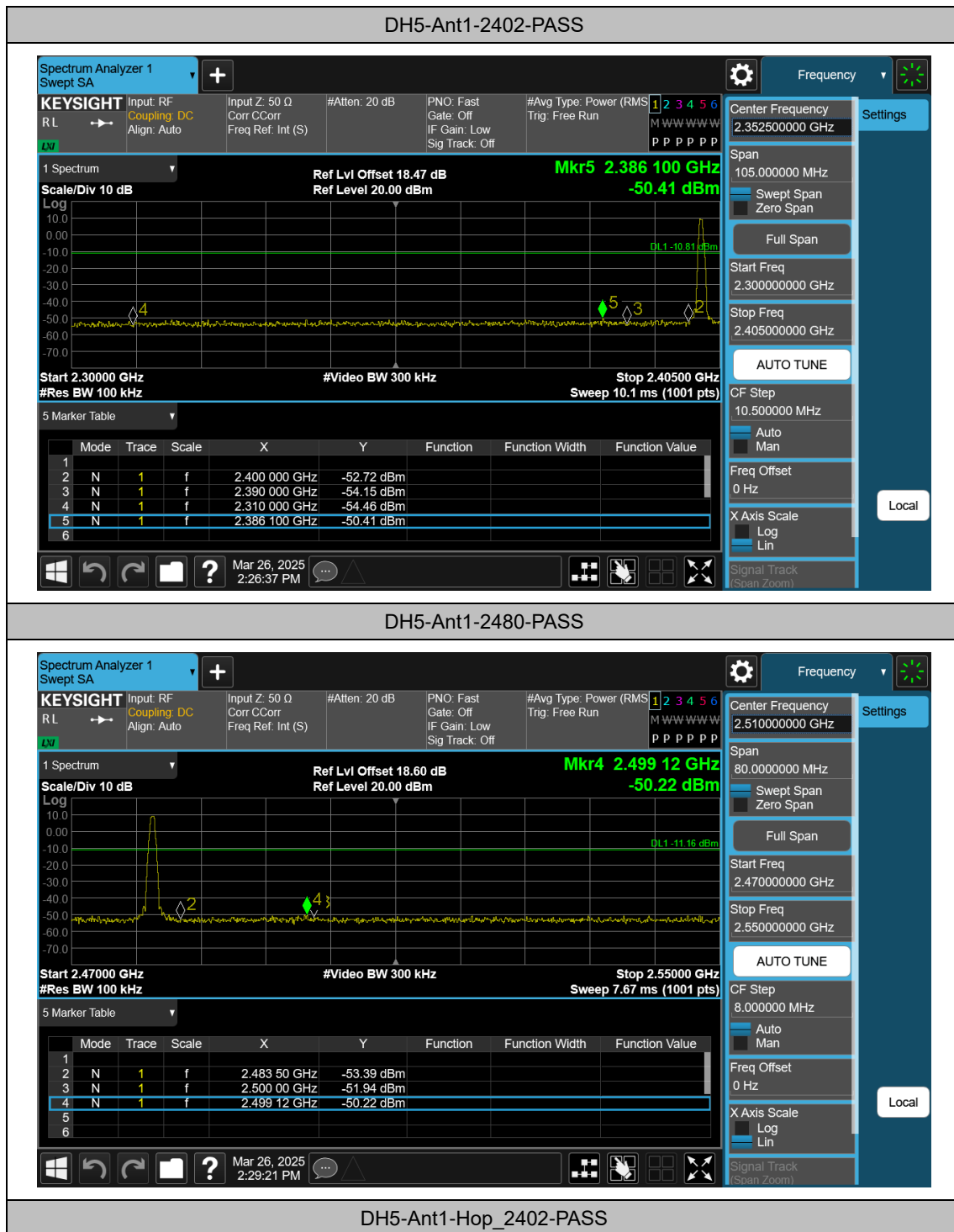
Appendix F: Band edge measurements

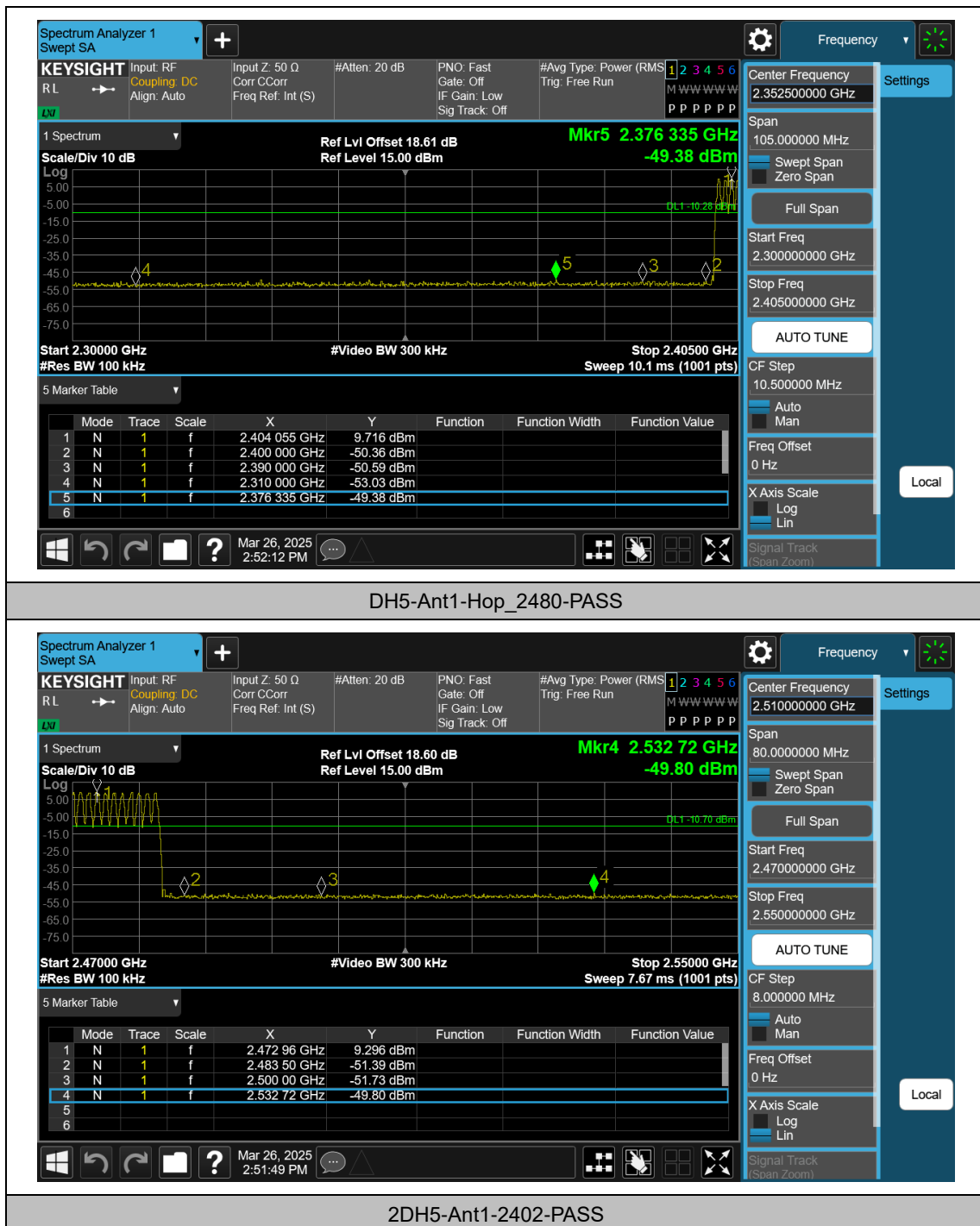
Test Result

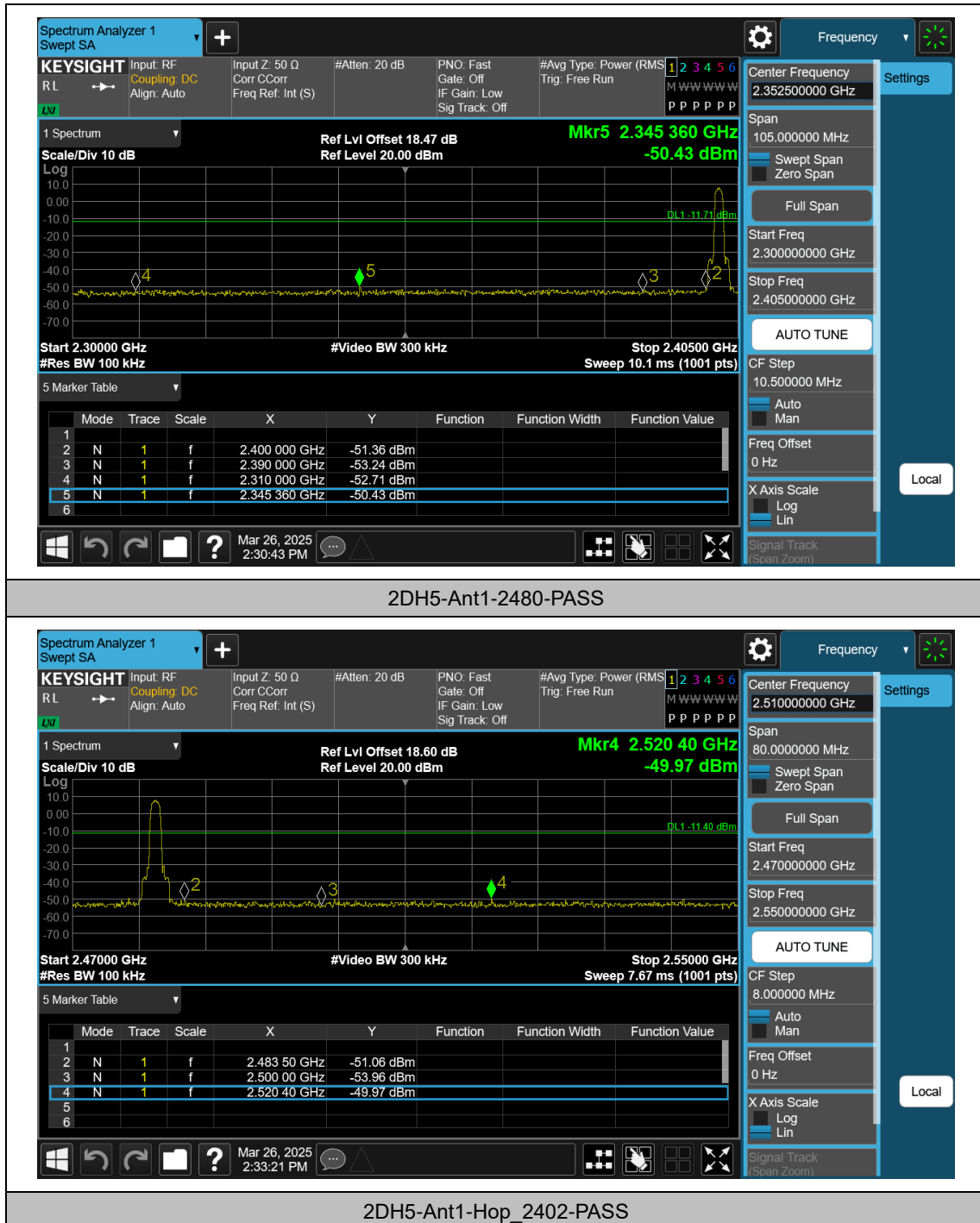
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	9.19	-50.41	≤ -10.81	PASS
DH5	Ant1	High	2480	8.84	-50.22	≤ -11.16	PASS
DH5	Ant1	Low	Hop_2402	9.72	-49.38	≤ -10.28	PASS
DH5	Ant1	High	Hop_2480	9.30	-49.8	≤ -10.7	PASS
2DH5	Ant1	Low	2402	8.29	-50.43	≤ -11.71	PASS
2DH5	Ant1	High	2480	8.60	-49.97	≤ -11.4	PASS
2DH5	Ant1	Low	Hop_2402	9.75	-49.95	≤ -10.26	PASS
2DH5	Ant1	High	Hop_2480	8.83	-49.55	≤ -11.17	PASS
3DH5	Ant1	Low	2402	7.49	-50.31	≤ -12.51	PASS
3DH5	Ant1	High	2480	8.66	-49.57	≤ -11.34	PASS
3DH5	Ant1	Low	Hop_2402	9.82	-49.87	≤ -10.18	PASS
3DH5	Ant1	High	Hop_2480	8.26	-49.11	≤ -11.74	PASS

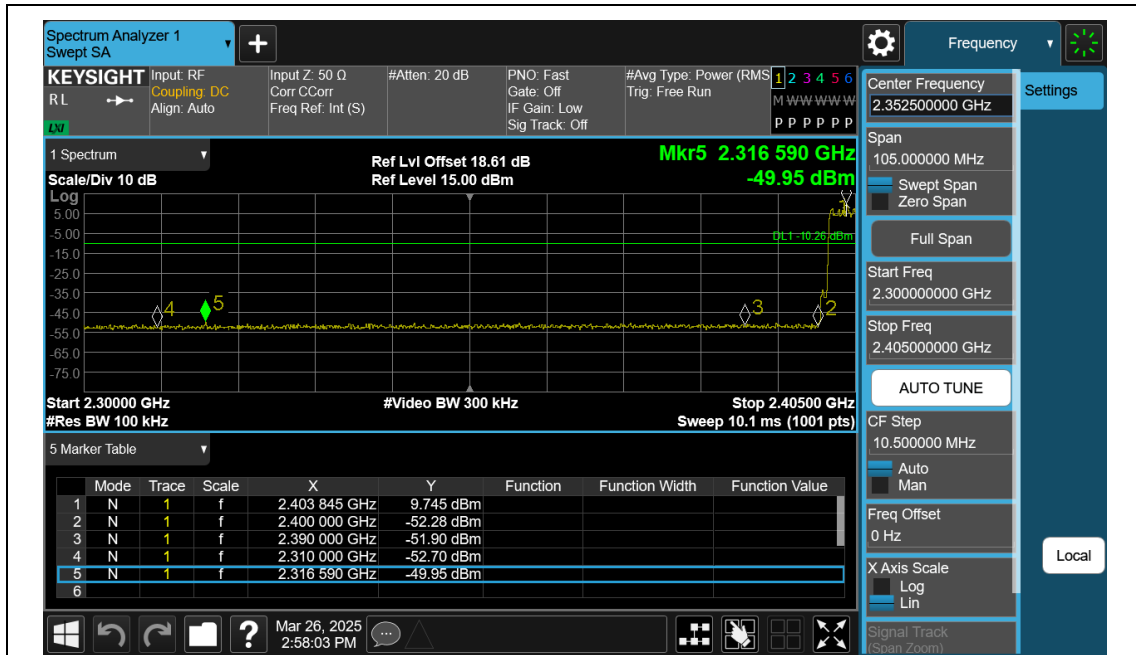


Test Graphs

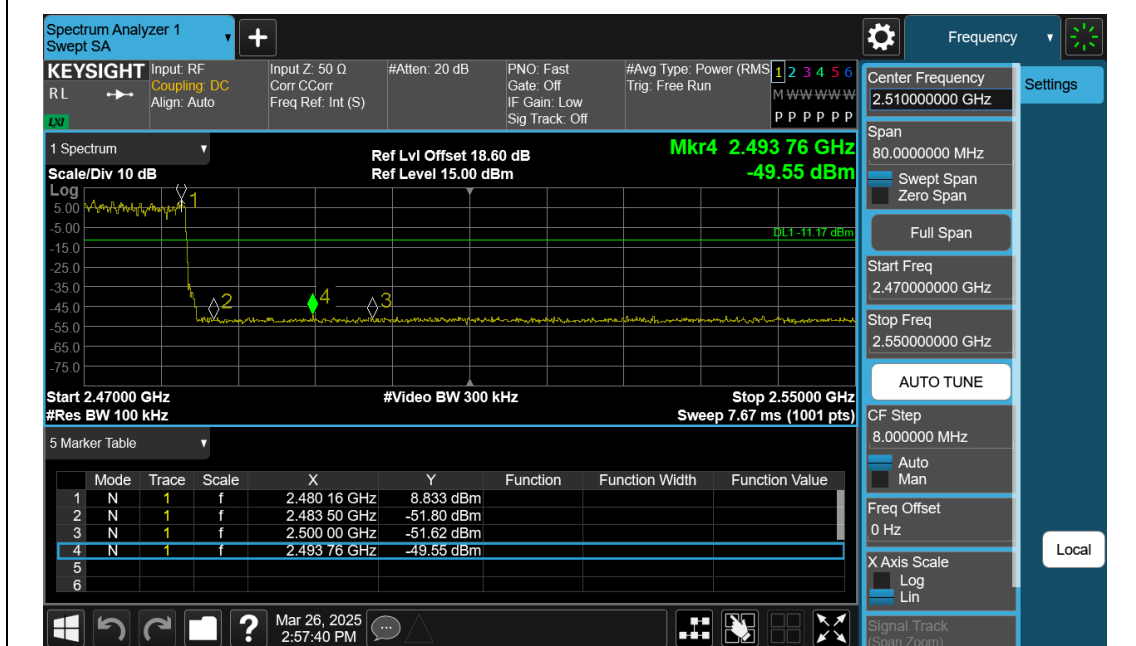




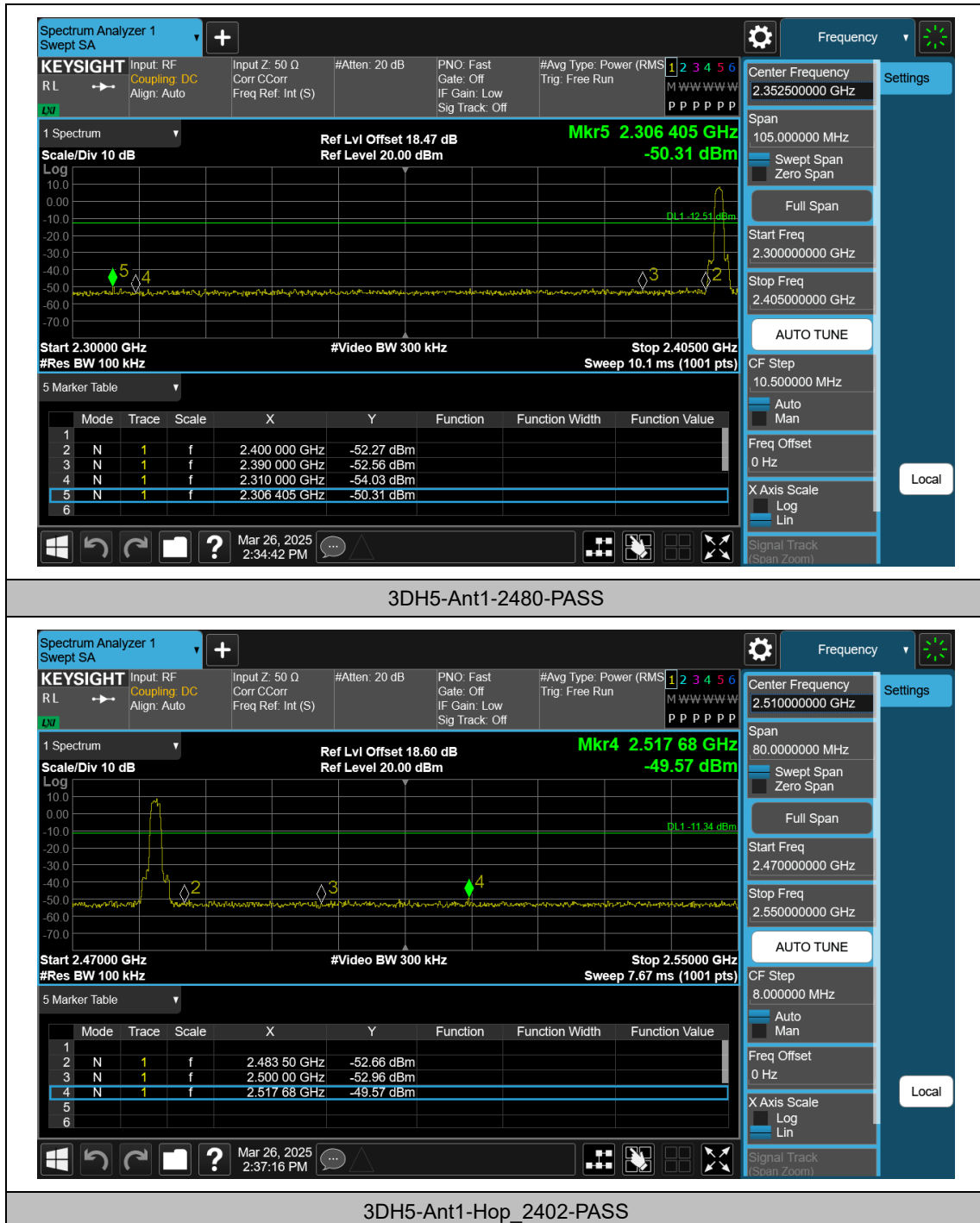


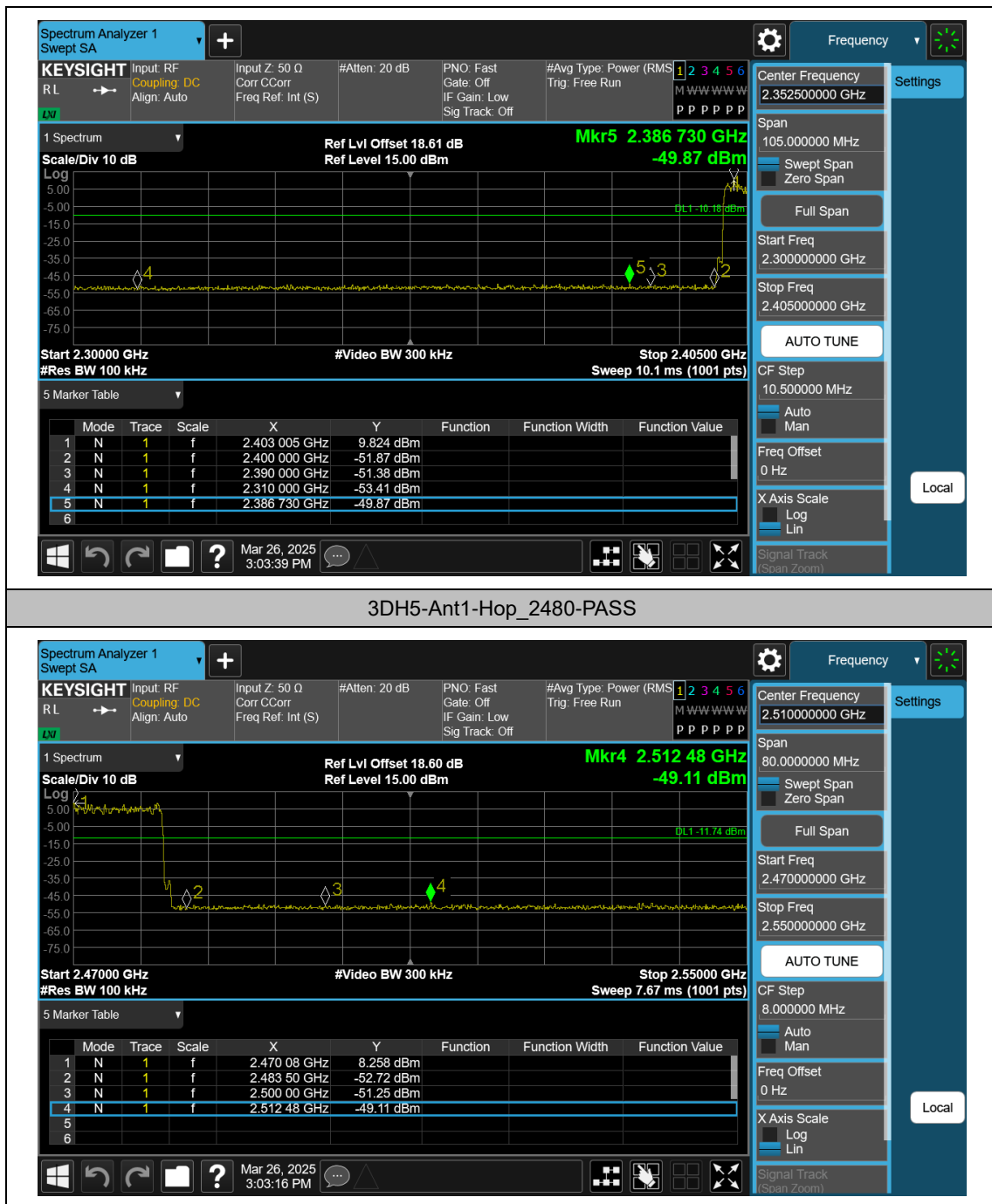


2DH5-Ant1-Hop_2480-PASS



3DH5-Ant1-2402-PASS





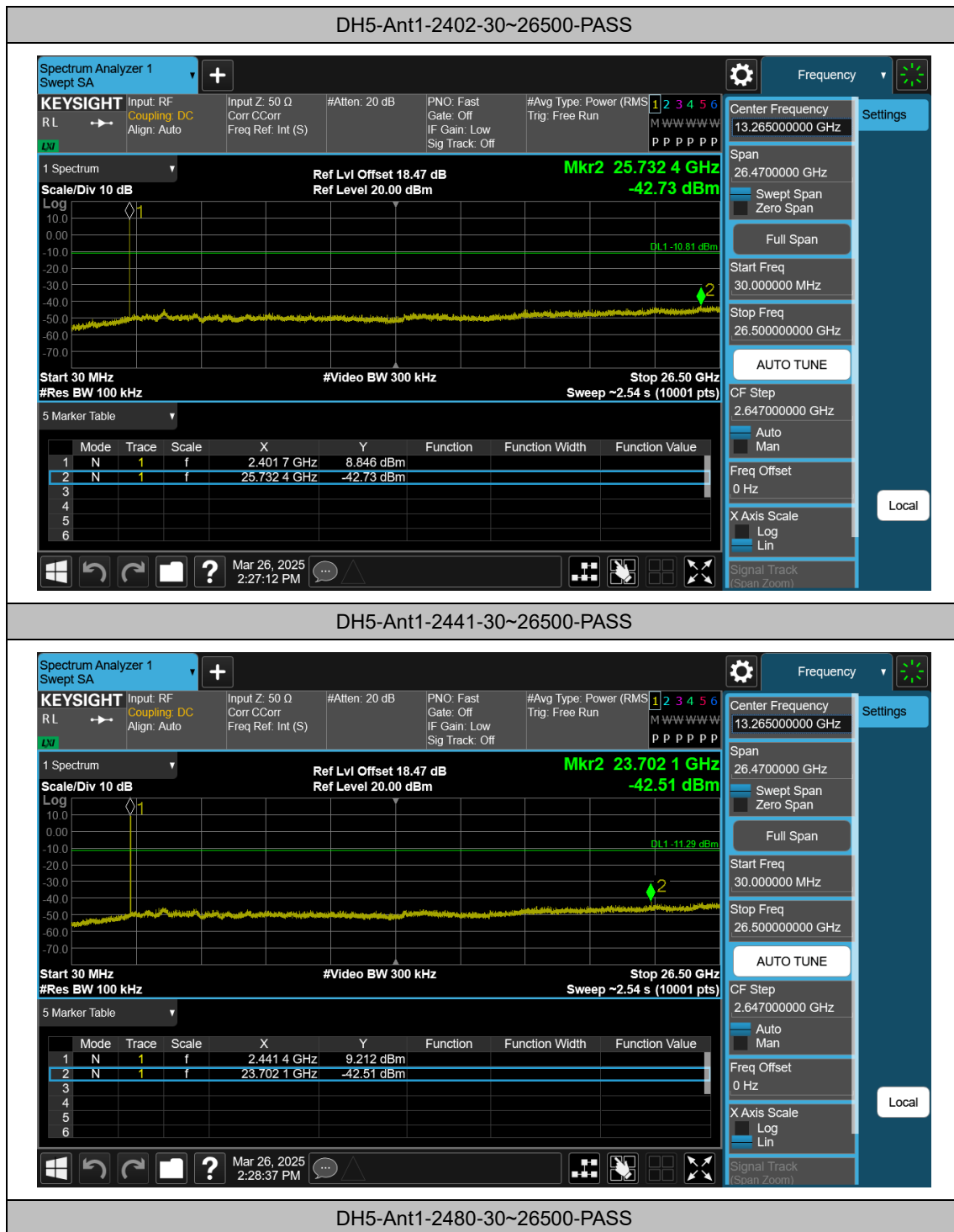
Appendix G: Conducted Spurious Emission

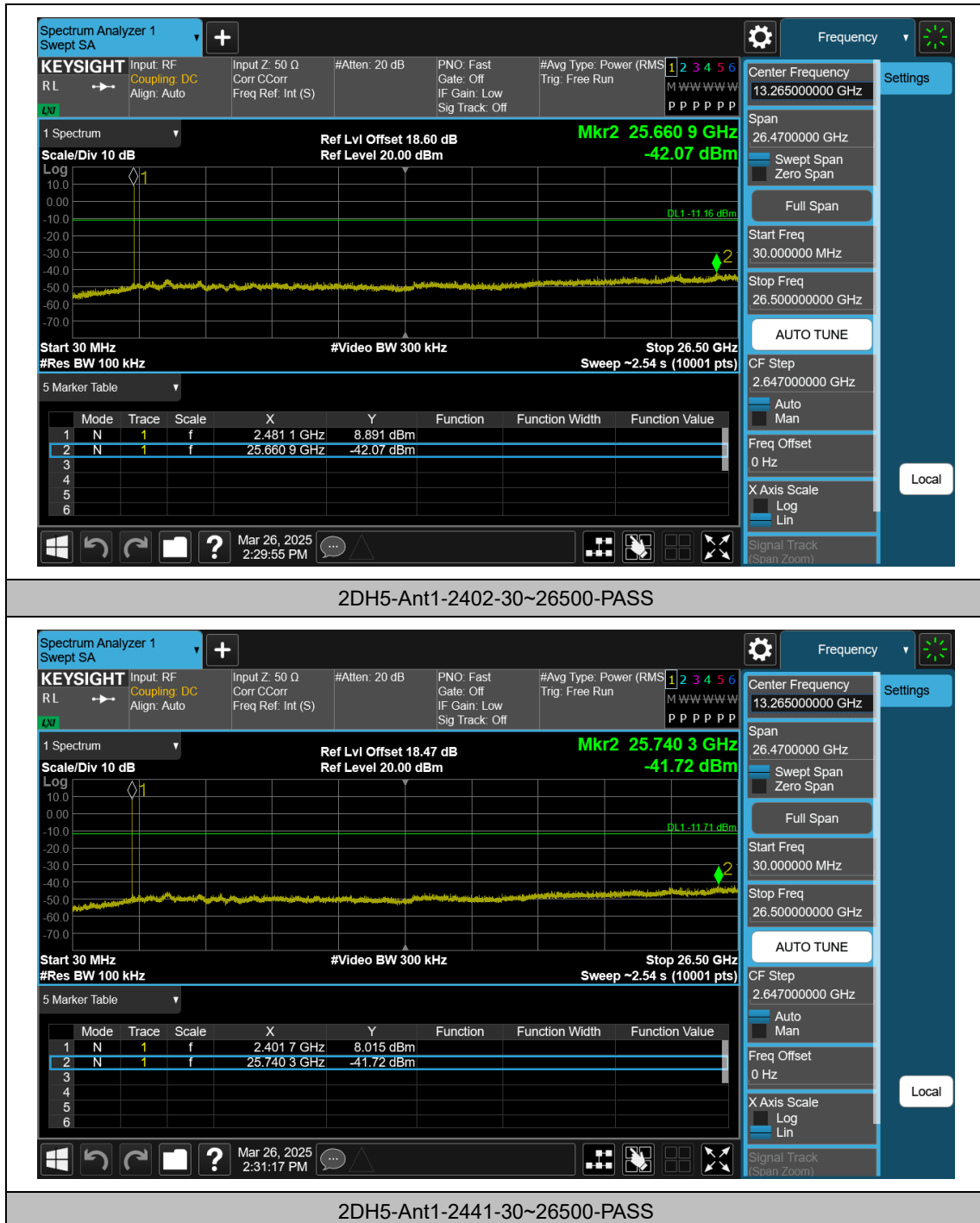
Test Result

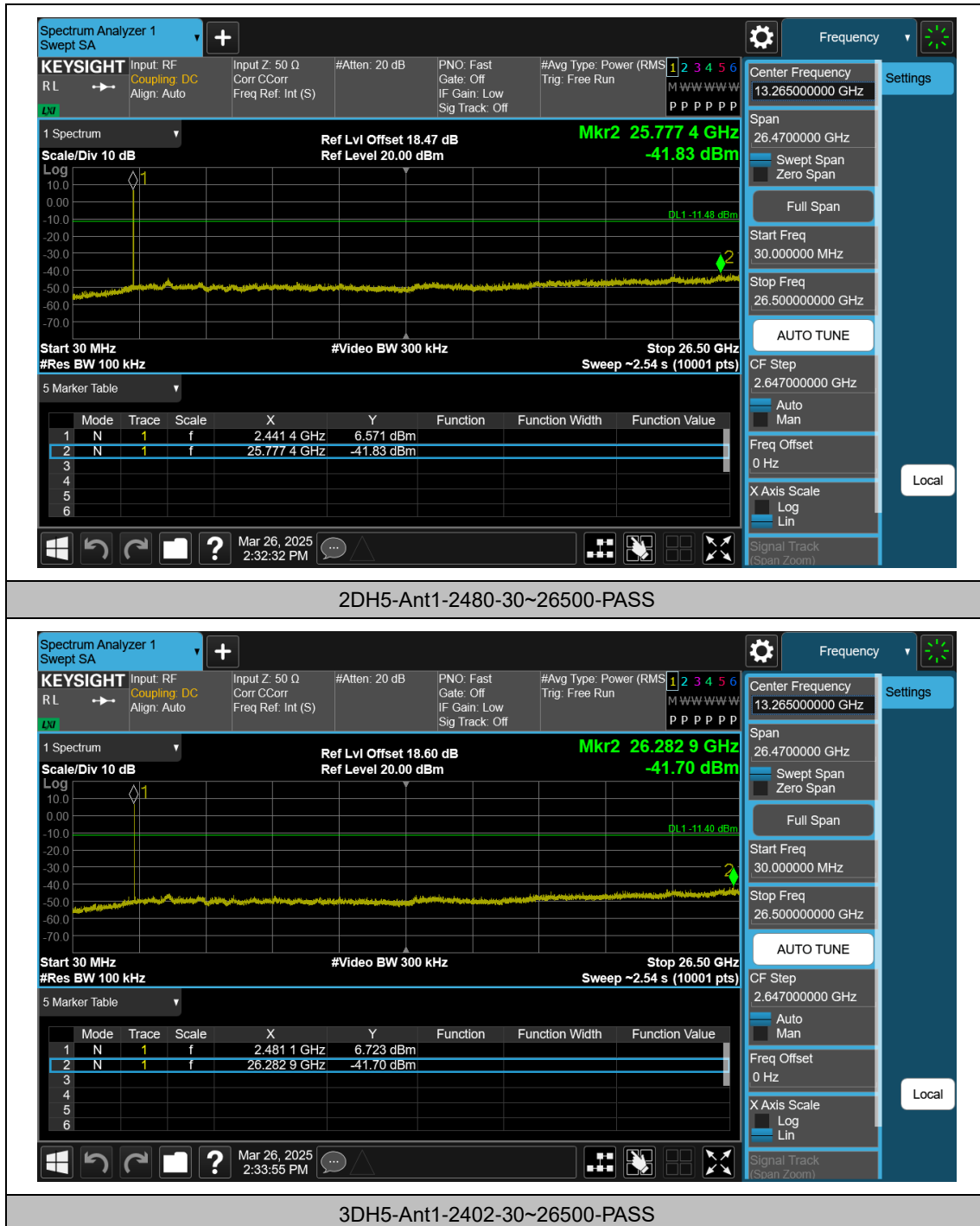
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	30~26500	9.19	-42.73	≤-10.81	PASS
DH5	Ant1	2441	30~26500	8.71	-42.51	≤-11.29	PASS
DH5	Ant1	2480	30~26500	8.84	-42.07	≤-11.16	PASS
2DH5	Ant1	2402	30~26500	8.29	-41.72	≤-11.71	PASS
2DH5	Ant1	2441	30~26500	8.52	-41.84	≤-11.48	PASS
2DH5	Ant1	2480	30~26500	8.60	-41.7	≤-11.4	PASS
3DH5	Ant1	2402	30~26500	7.49	-41.95	≤-12.51	PASS
3DH5	Ant1	2441	30~26500	8.94	-41.78	≤-11.06	PASS
3DH5	Ant1	2480	30~26500	8.66	-42.45	≤-11.34	PASS

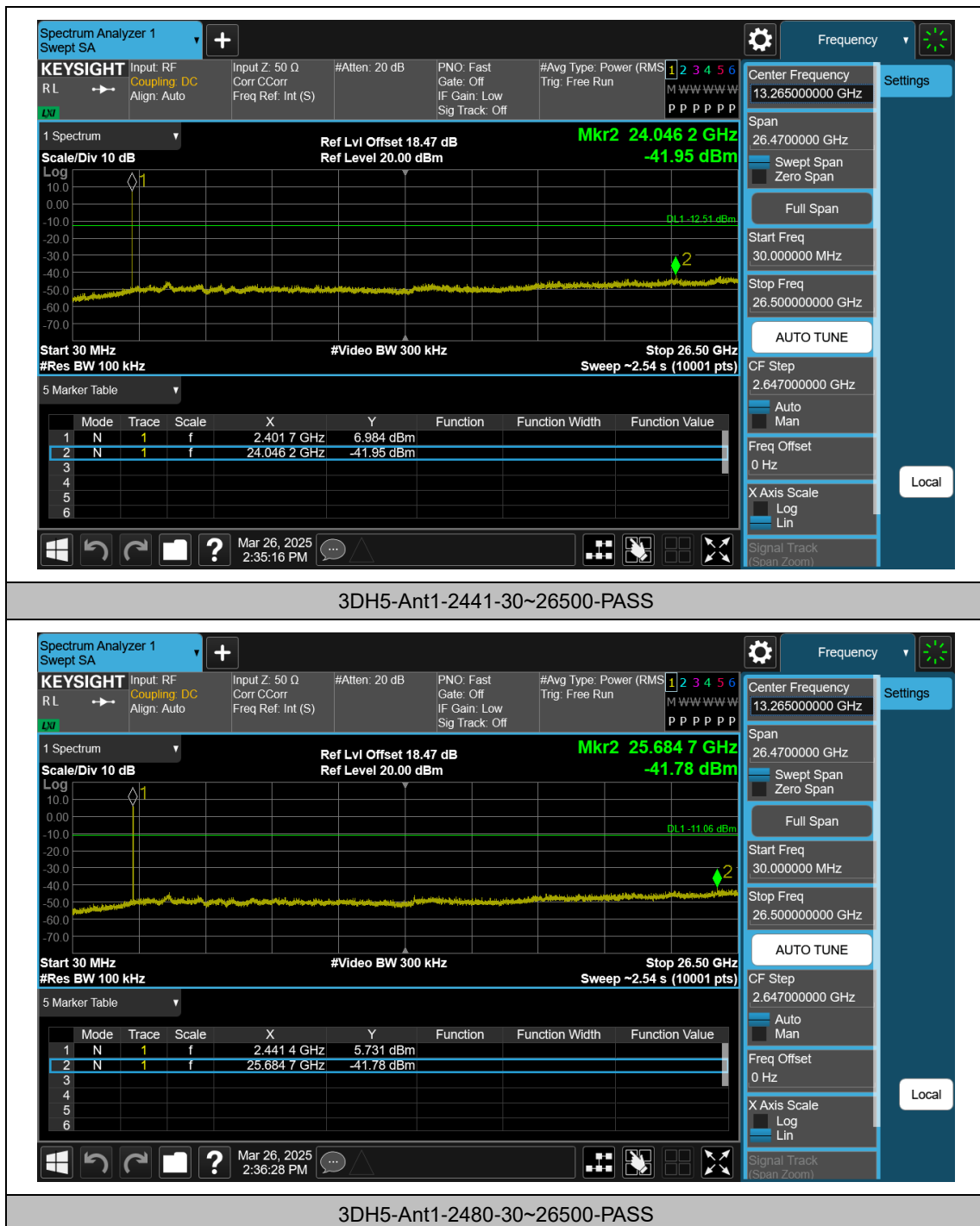


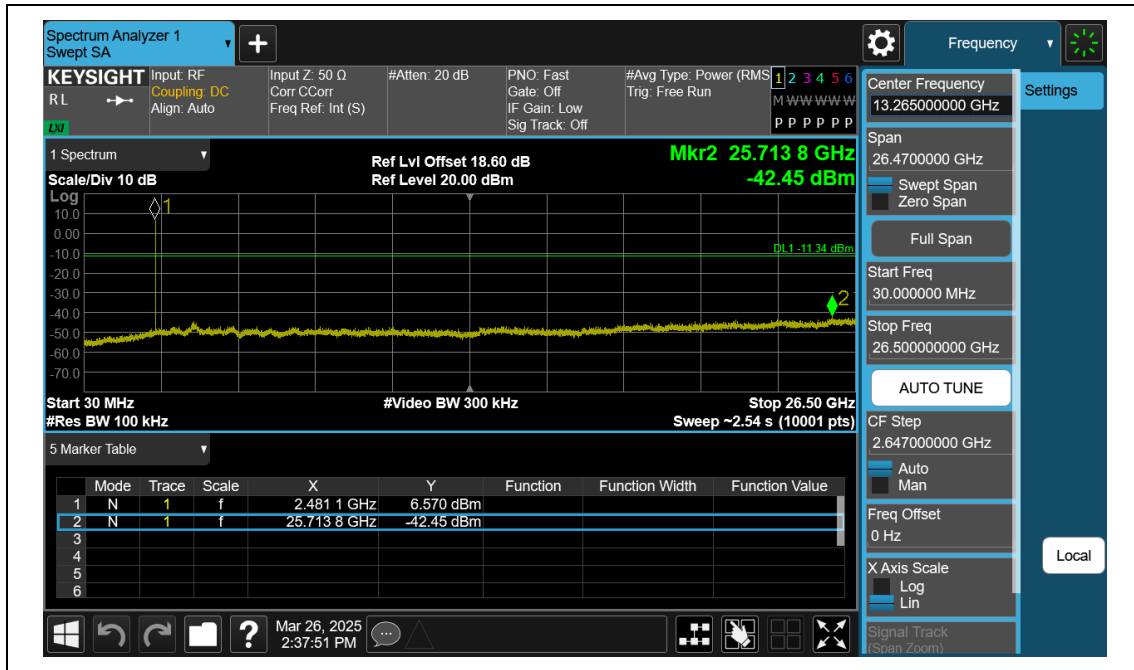
Test Graphs











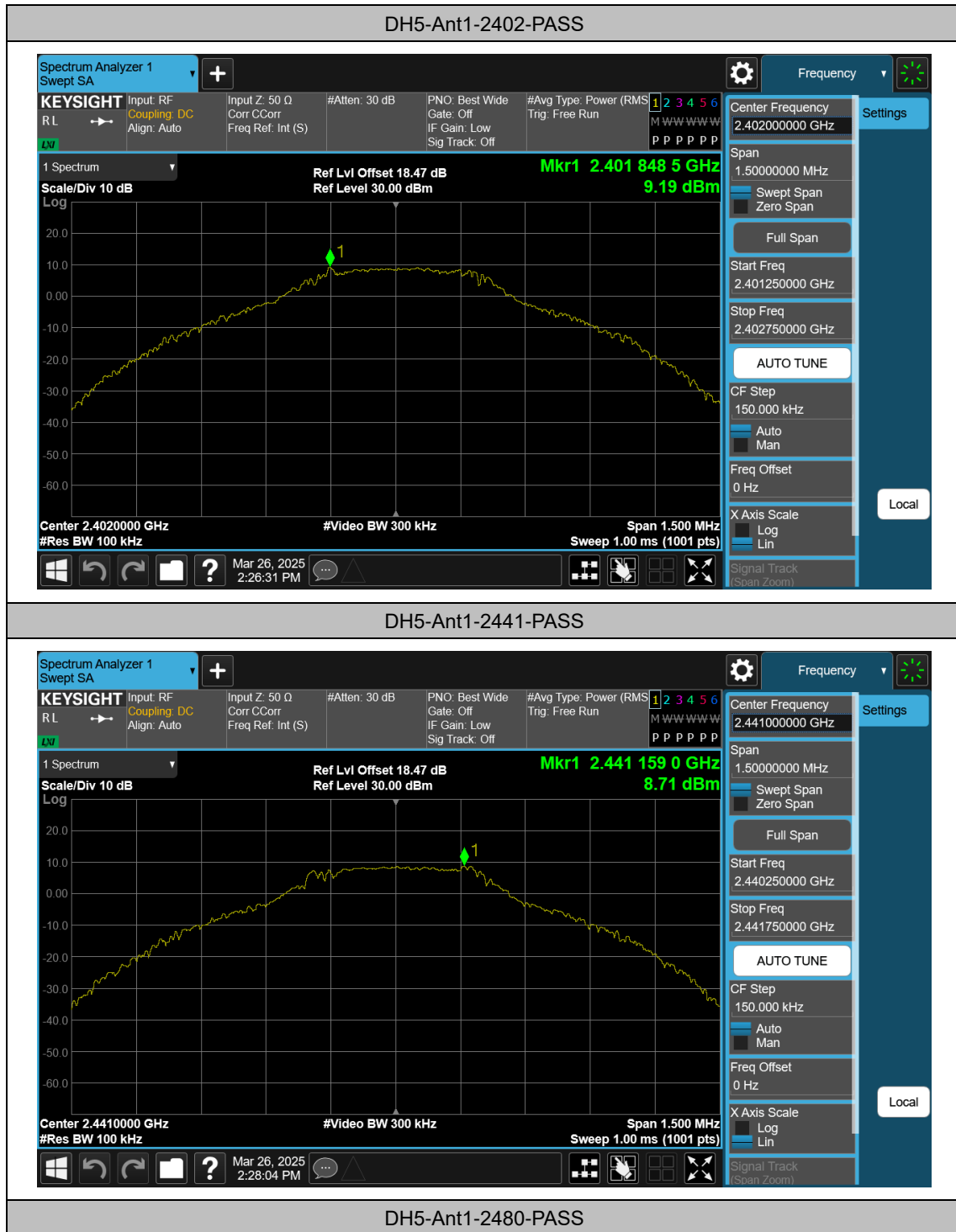
Appendix H: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
DH5	Ant1	2402	2401.85	9.19
DH5	Ant1	2441	2441.16	8.71
DH5	Ant1	2480	2480.00	8.84
2DH5	Ant1	2402	2402.00	8.29
2DH5	Ant1	2441	2440.87	8.52
2DH5	Ant1	2480	2480.00	8.60
3DH5	Ant1	2402	2402.04	7.49
3DH5	Ant1	2441	2441.15	8.94
3DH5	Ant1	2480	2480.00	8.66

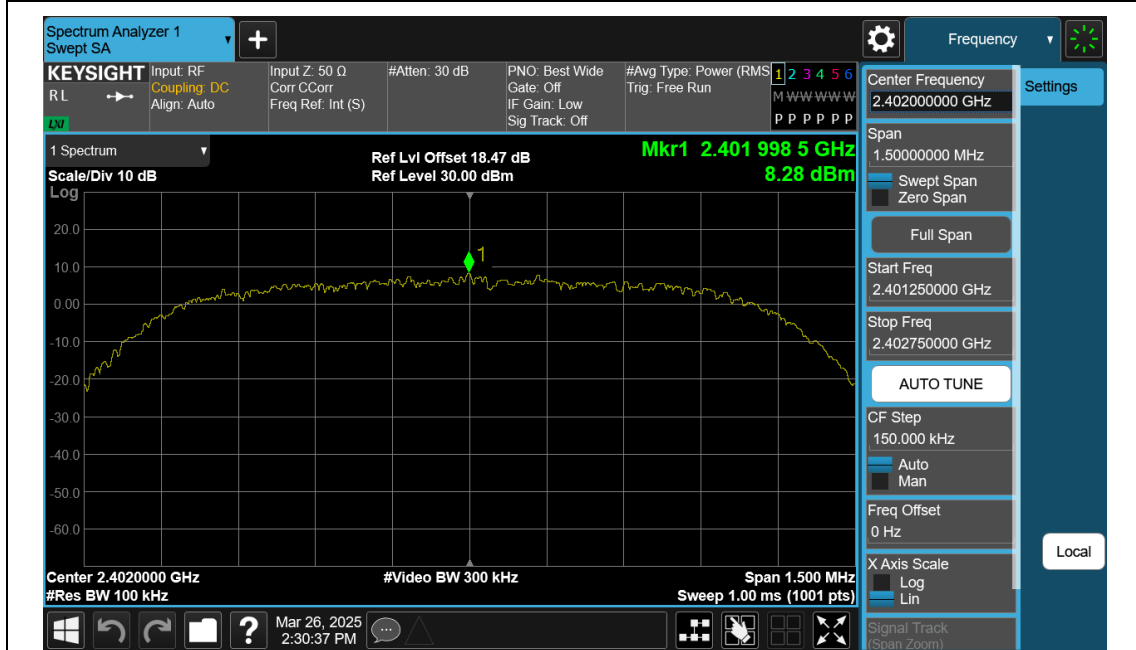


Test Graphs

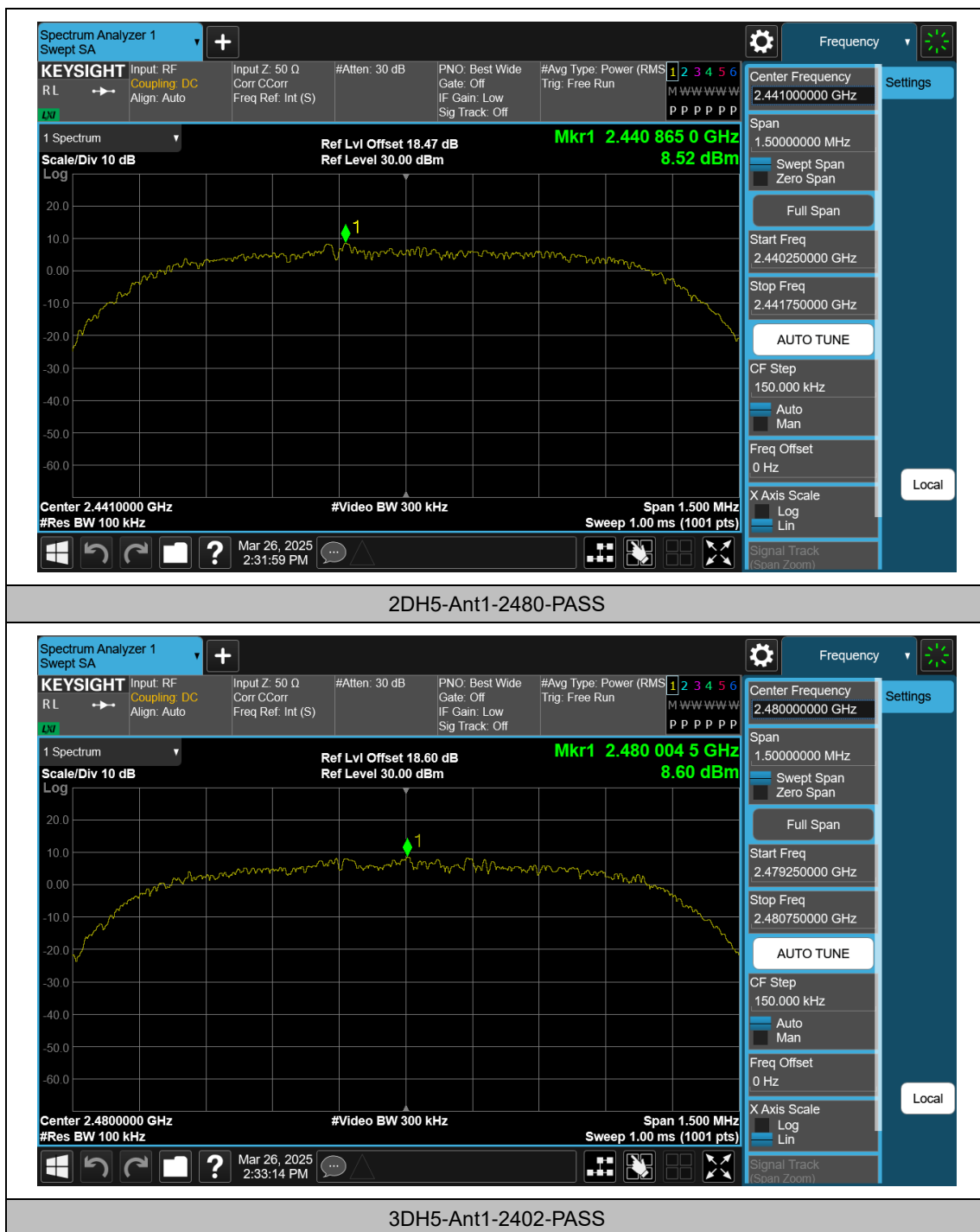


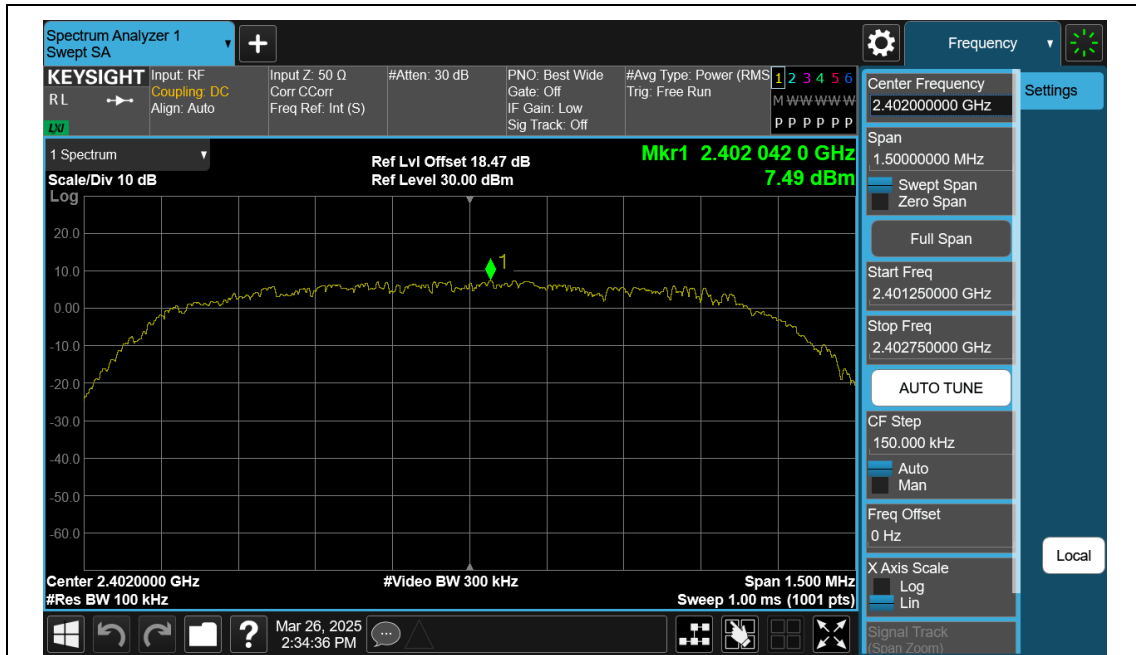


2DH5-Ant1-2402-PASS

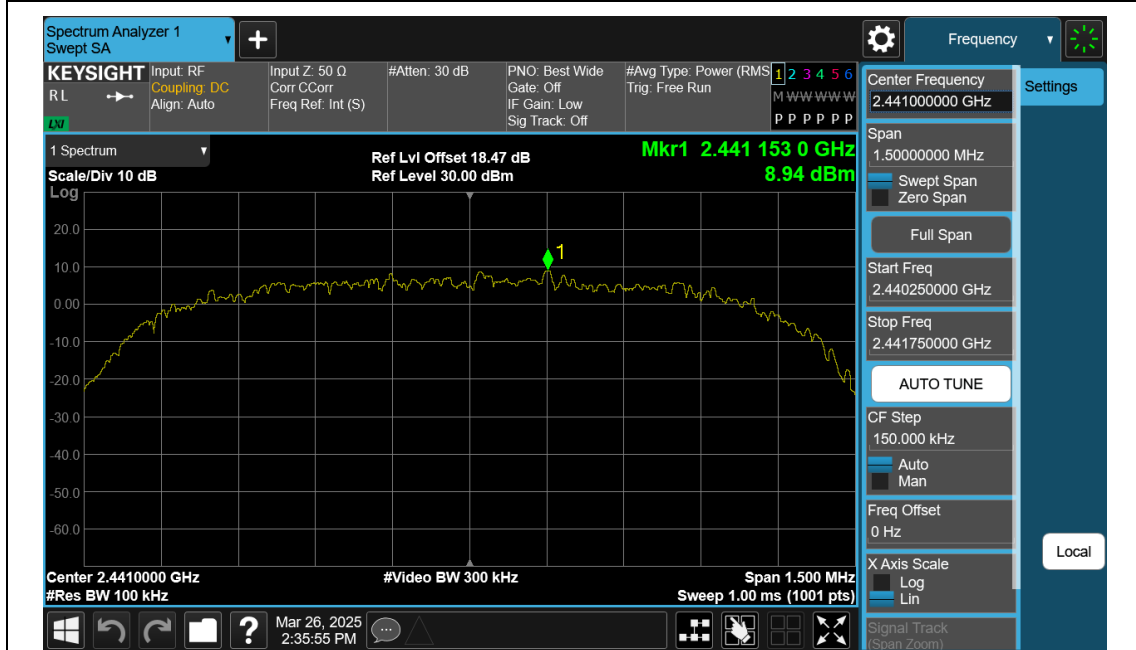


2DH5-Ant1-2441-PASS





3DH5-Ant1-2441-PASS



3DH5-Ant1-2480-PASS

