



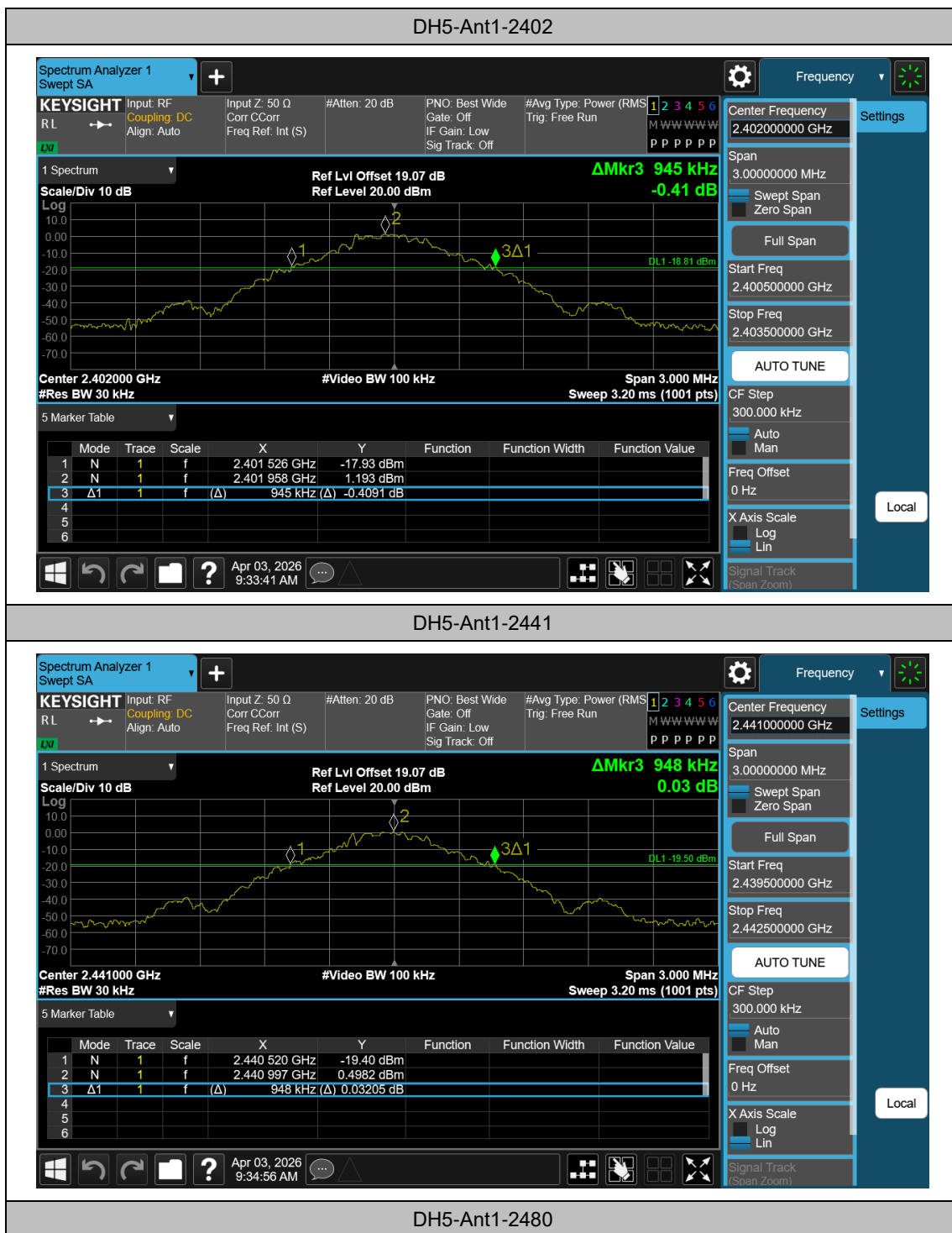
Appendix A: 20dB Emission Bandwidth

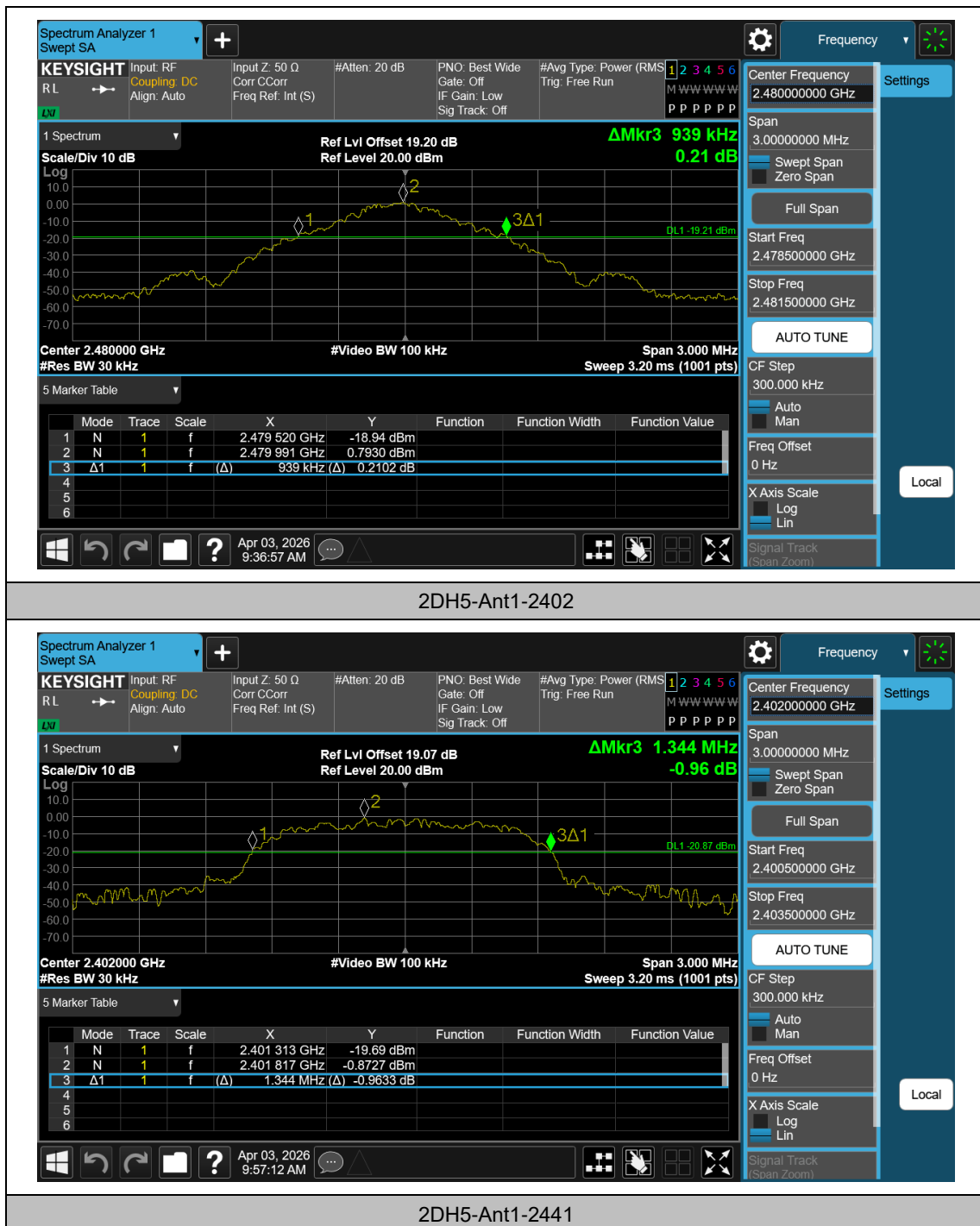
Test Result

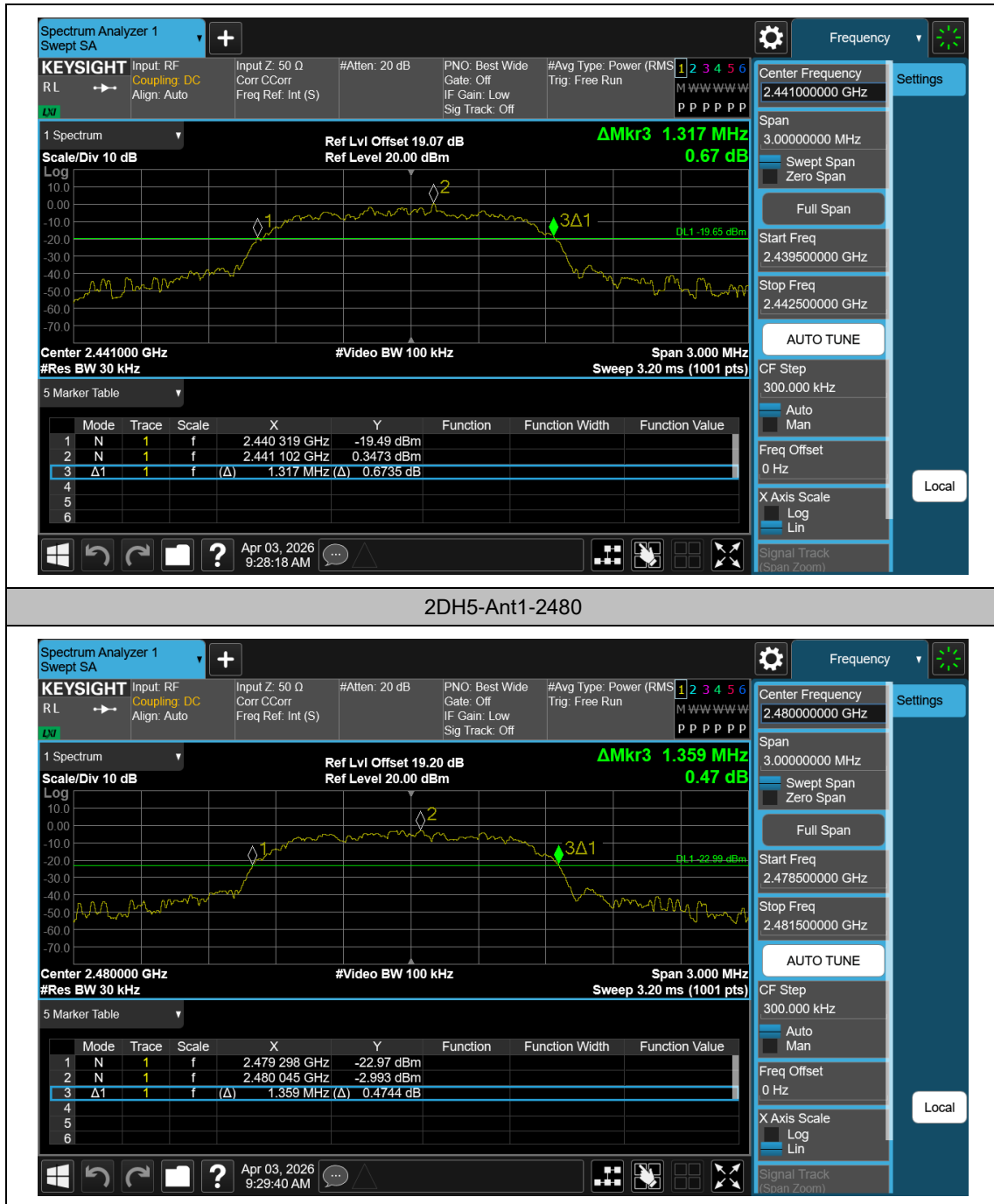
TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.945	2401.526	2402.471	---	---
DH5	Ant1	2441	0.948	2440.520	2441.468	---	---
DH5	Ant1	2480	0.939	2479.520	2480.459	---	---
2DH5	Ant1	2402	1.344	2401.313	2402.657	---	---
2DH5	Ant1	2441	1.317	2440.319	2441.636	---	---
2DH5	Ant1	2480	1.359	2479.298	2480.657	---	---



Test Graphs





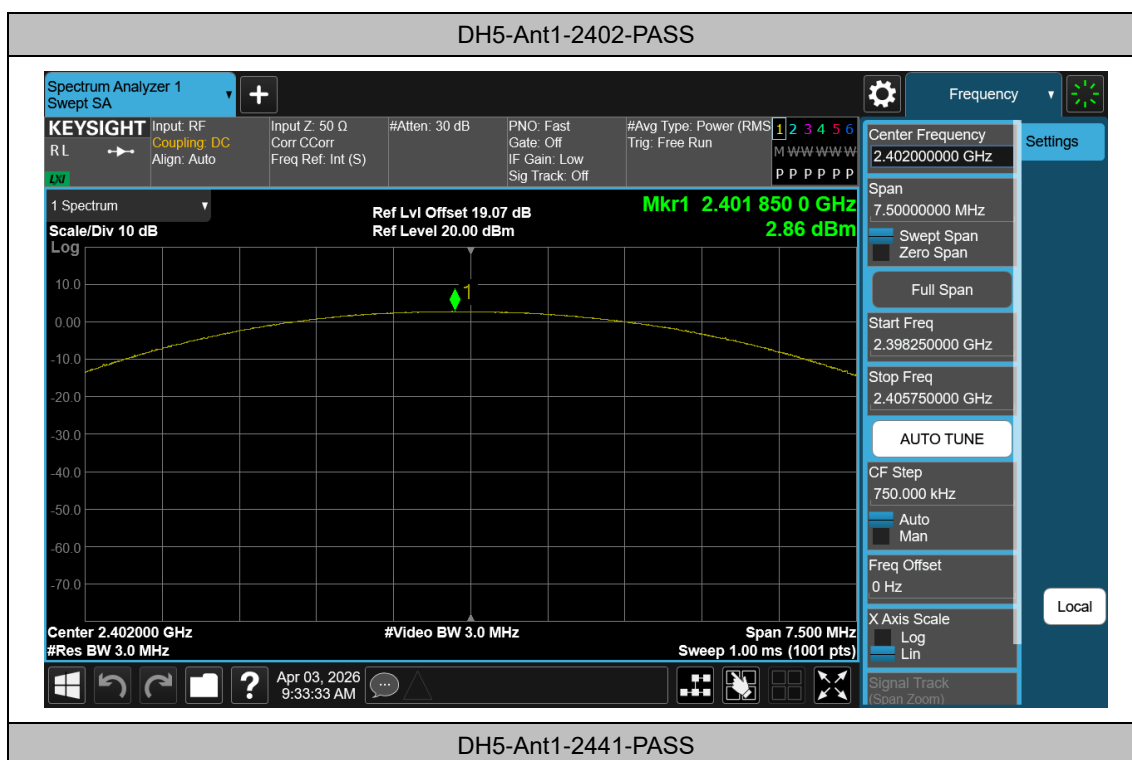


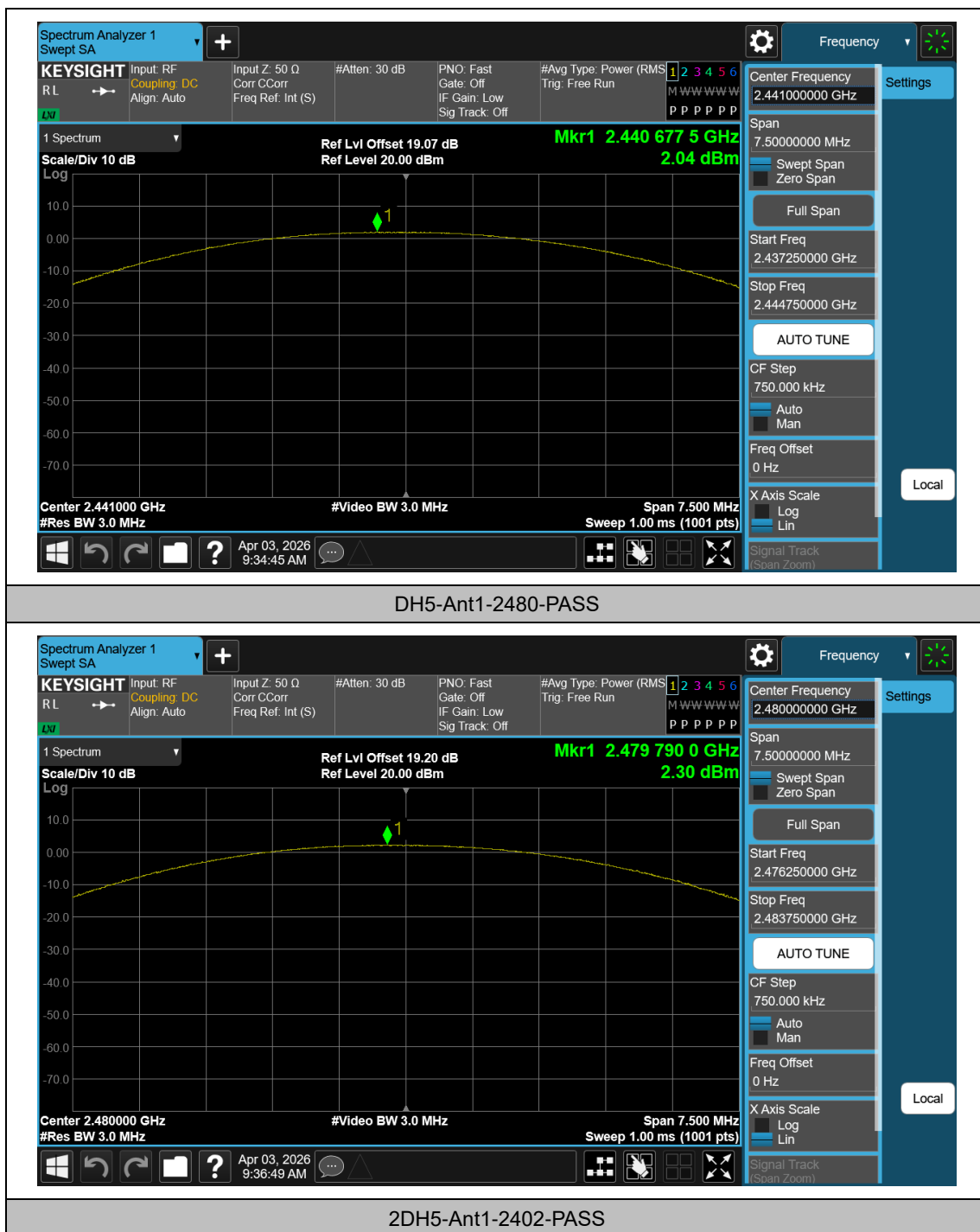
Appendix B: Maximum conducted output power

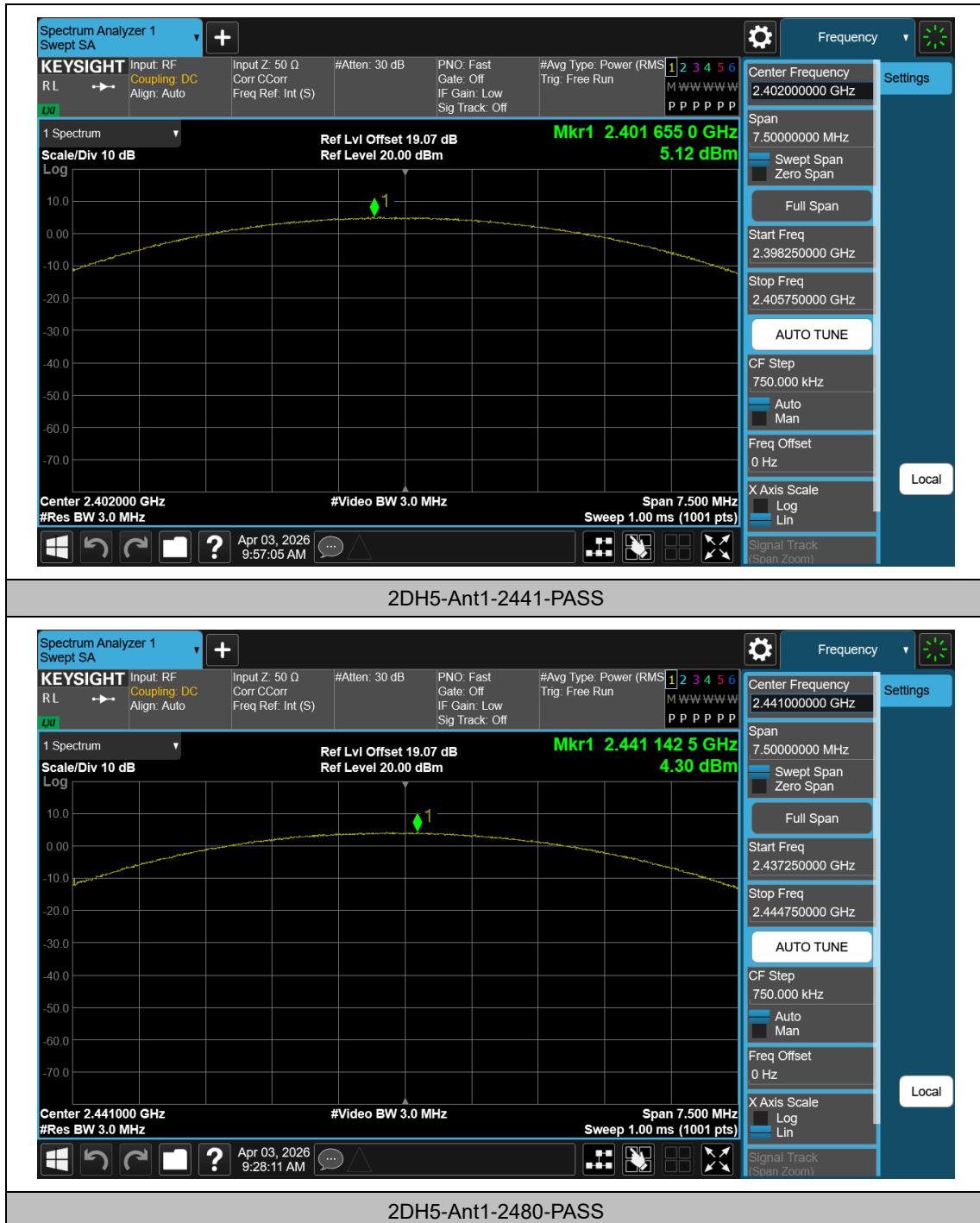
Test Result Peak

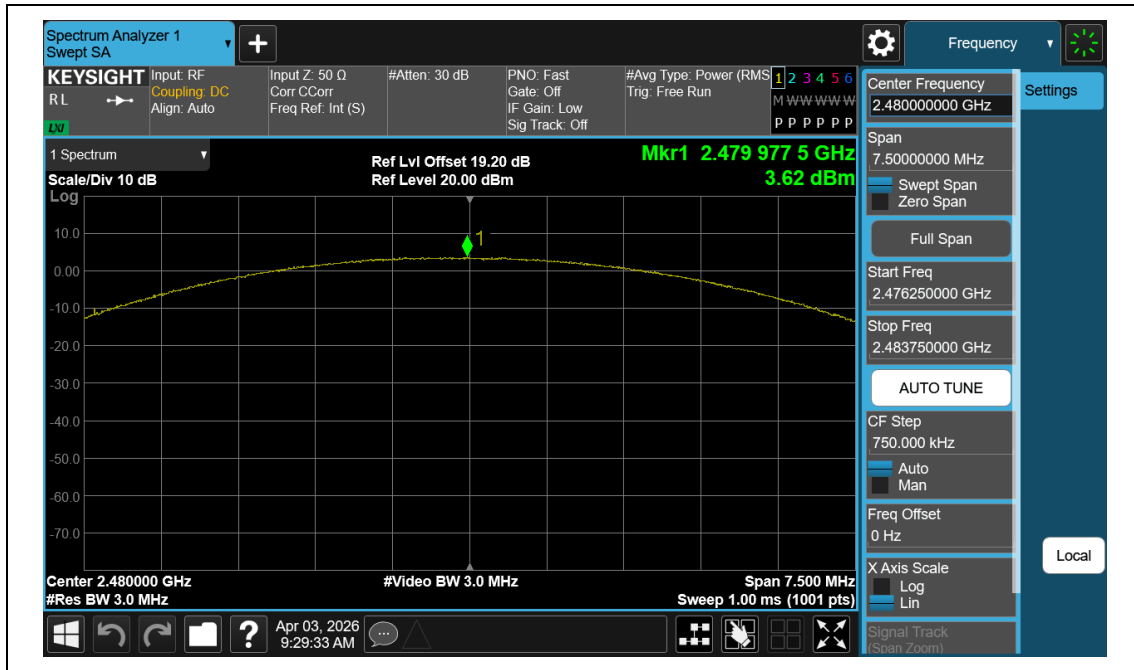
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	2.86	≤20.97	PASS
DH5	Ant1	2441	2.04	≤20.97	PASS
DH5	Ant1	2480	2.30	≤20.97	PASS
2DH5	Ant1	2402	5.12	≤20.97	PASS
2DH5	Ant1	2441	4.30	≤20.97	PASS
2DH5	Ant1	2480	3.62	≤20.97	PASS

Test Graphs









Appendix C: Carrier frequency separation

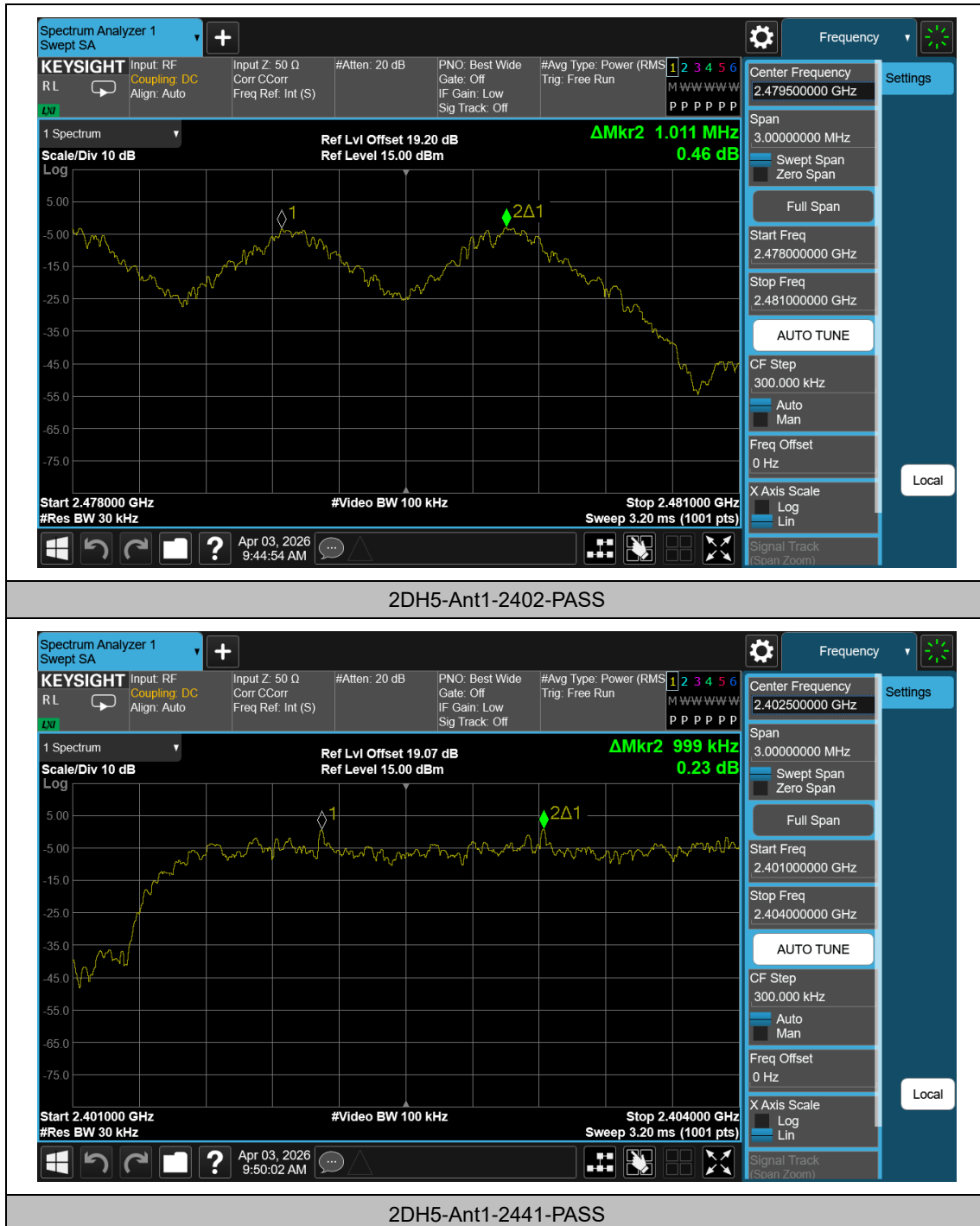
Test Result

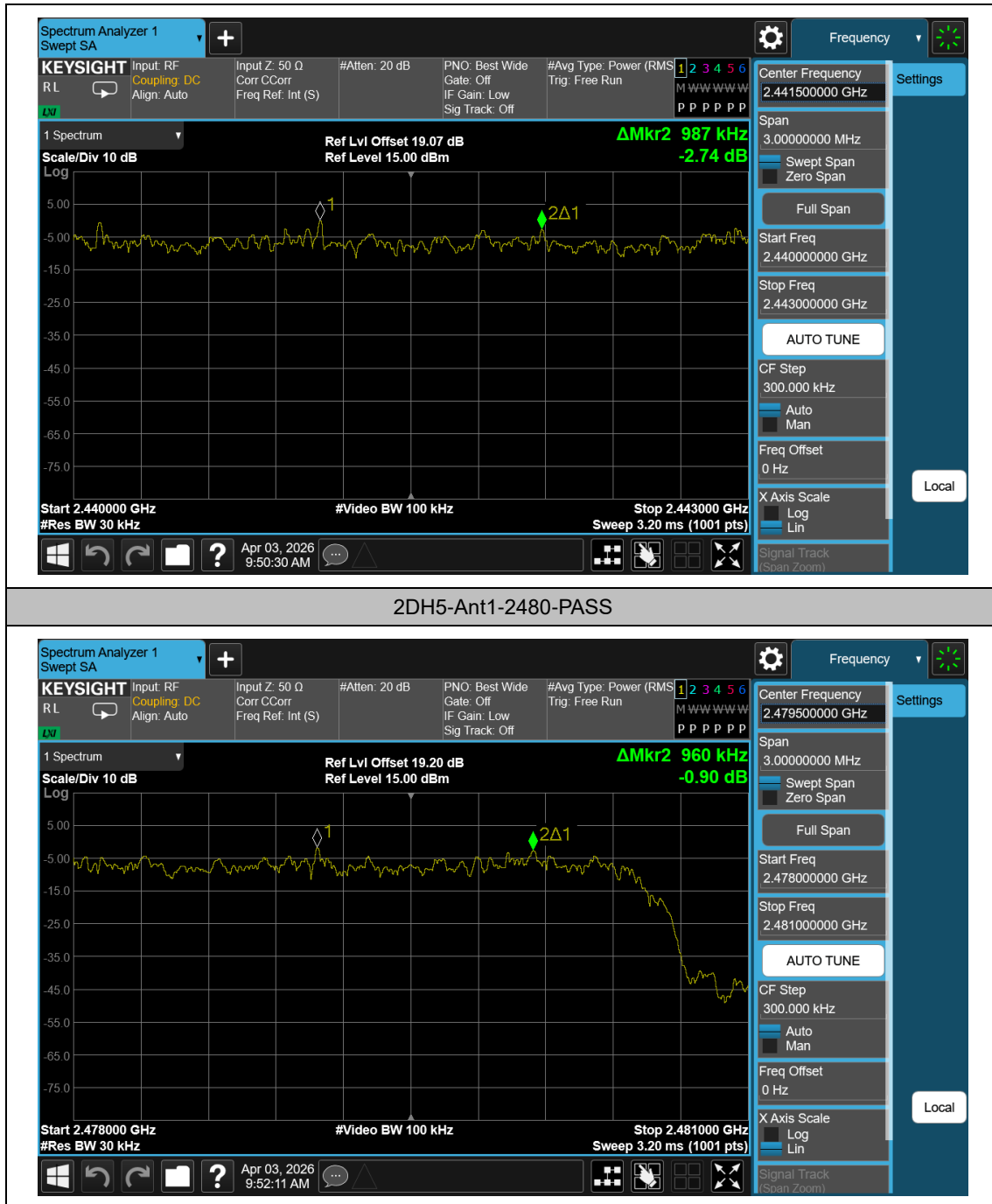
TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.978	≥ 0.948	PASS
DH5	Ant1	2441	0.99	≥ 0.948	PASS
DH5	Ant1	2480	1.011	≥ 0.948	PASS
2DH5	Ant1	2402	0.999	≥ 0.906	PASS
2DH5	Ant1	2441	0.987	≥ 0.906	PASS
2DH5	Ant1	2480	0.96	≥ 0.906	PASS



Test Graphs







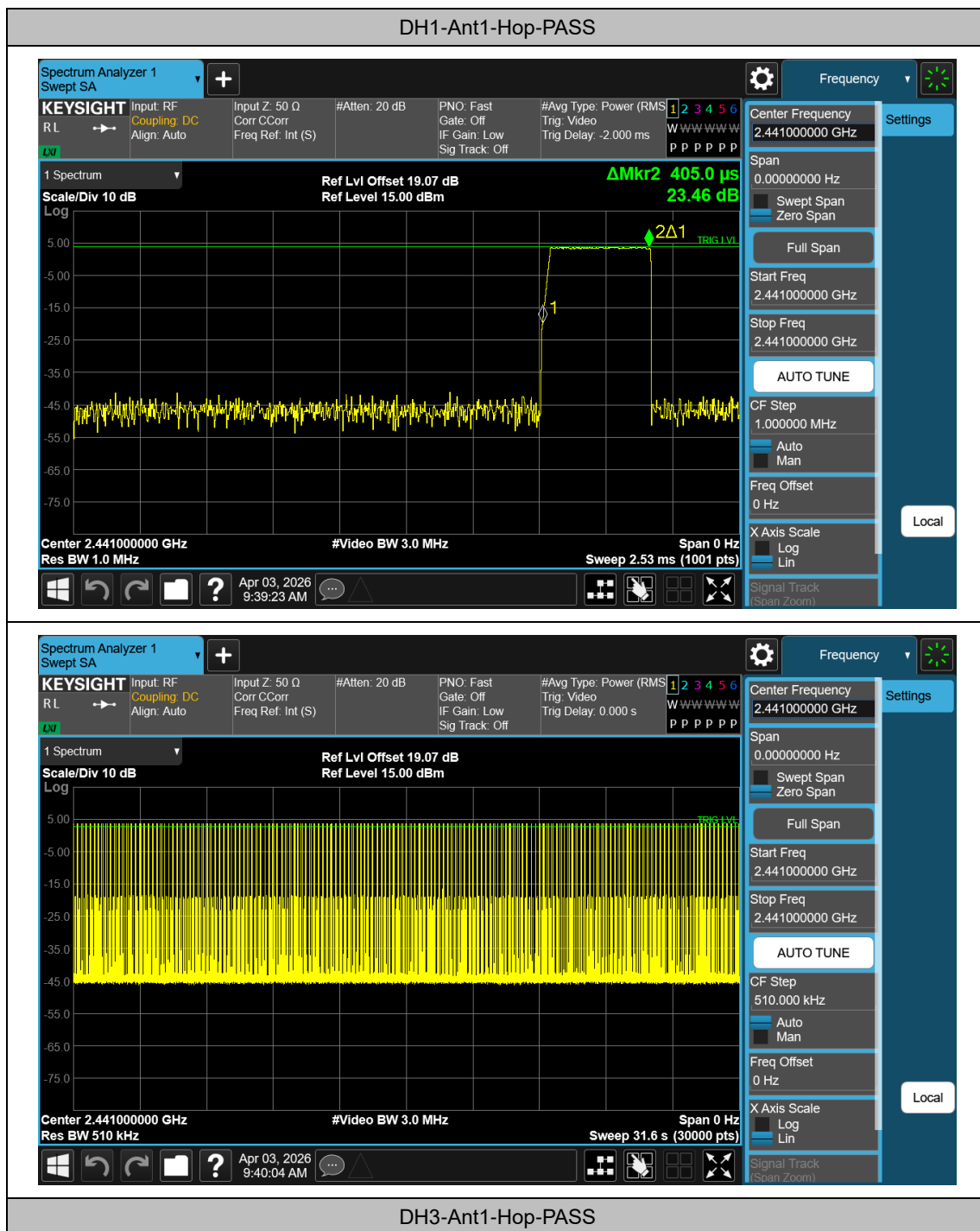
Appendix D: Time of occupancy

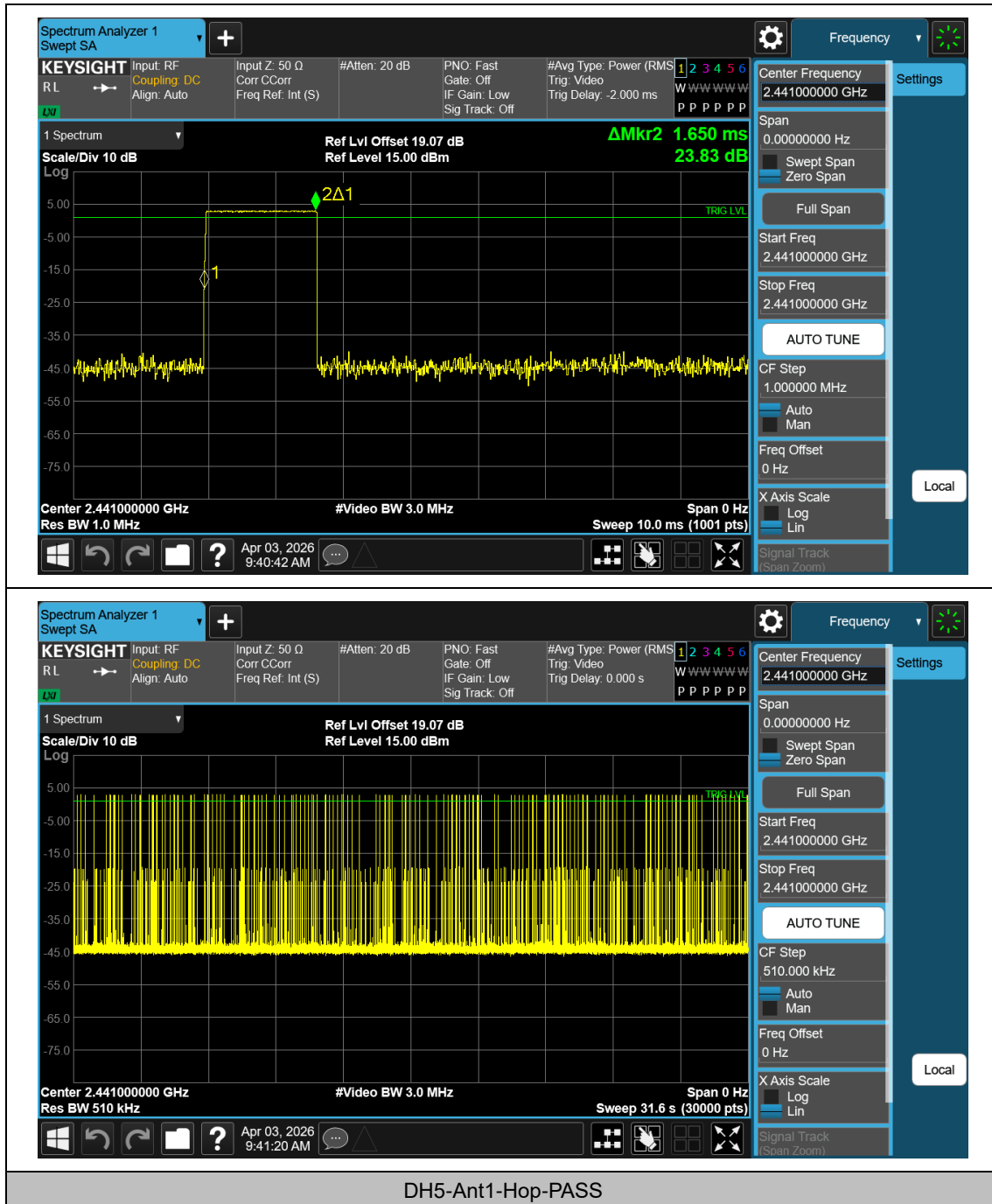
Test Result

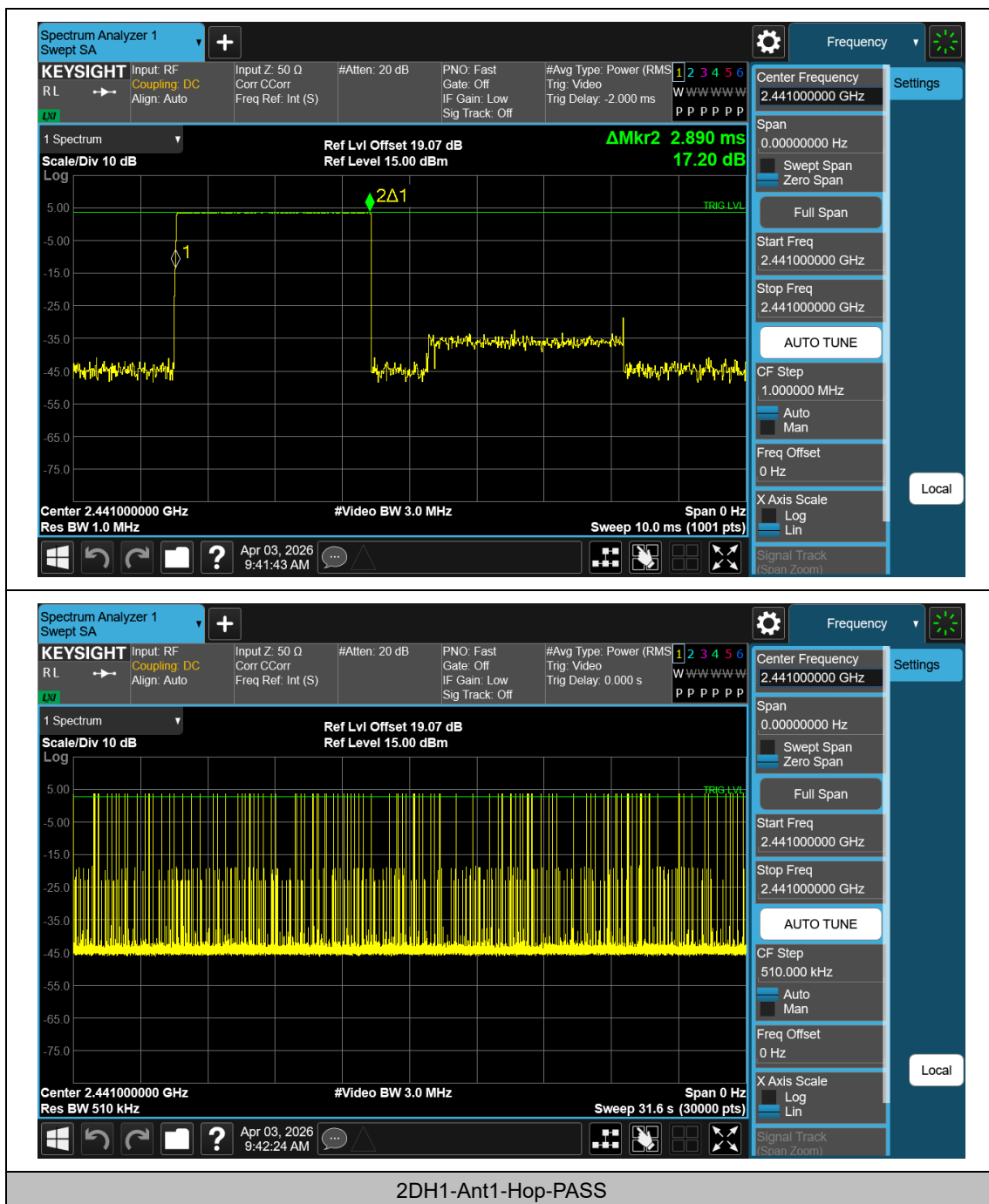
TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.405	316	0.128	≤0.4	PASS
DH3	Ant1	Hop	1.650	164	0.271	≤0.4	PASS
DH5	Ant1	Hop	2.890	110	0.318	≤0.4	PASS
2DH1	Ant1	Hop	0.415	314	0.13	≤0.4	PASS
2DH3	Ant1	Hop	1.660	155	0.257	≤0.4	PASS
2DH5	Ant1	Hop	2.900	116	0.336	≤0.4	PASS

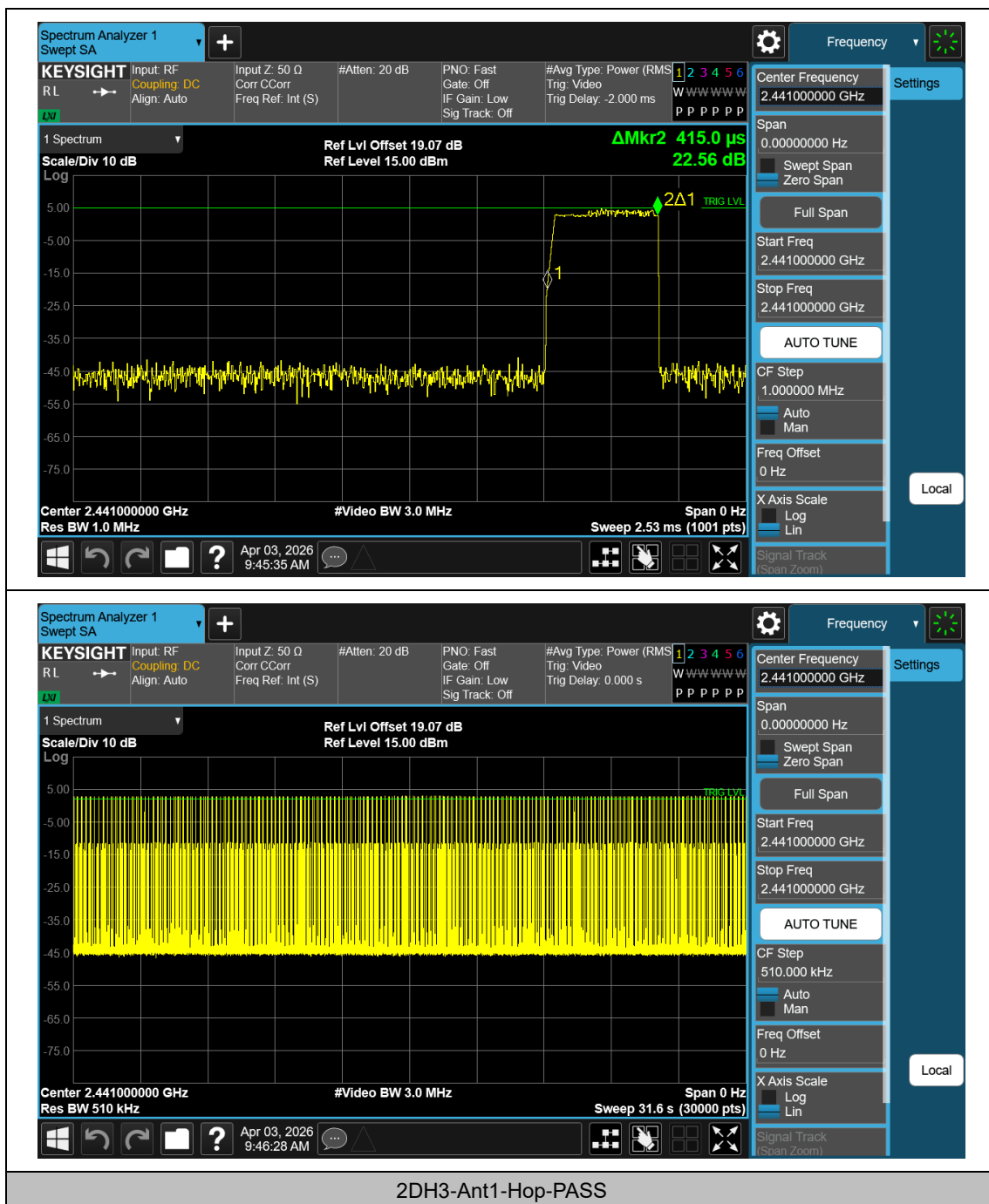


Test Graphs









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

Ref Lvl Offset 19.07 dB

Scale/Div 10 dB

Log

5.00

-5.00

-15.0

-25.0

-35.0

-45.0

-55.0

-65.0

-75.0

Center 2.441000000 GHz

Res BW 510 kHz

#Video BW 3.0 MHz

Span 0 Hz

Sweep 31.6 s (30000 pts)

Windows

Refresh

Save

Help

Apr 03, 2026

9:46:28 AM

Search

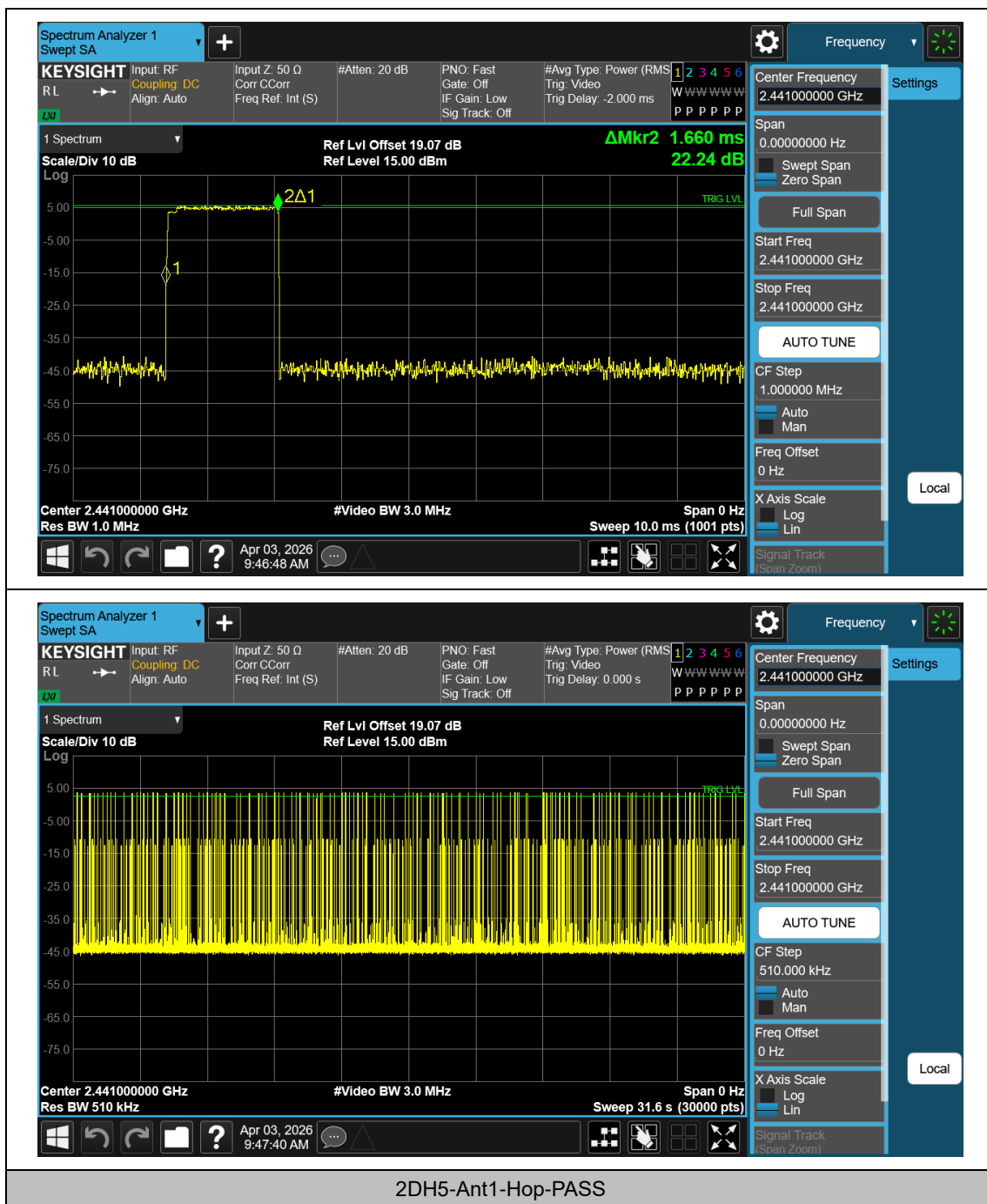
Zoom

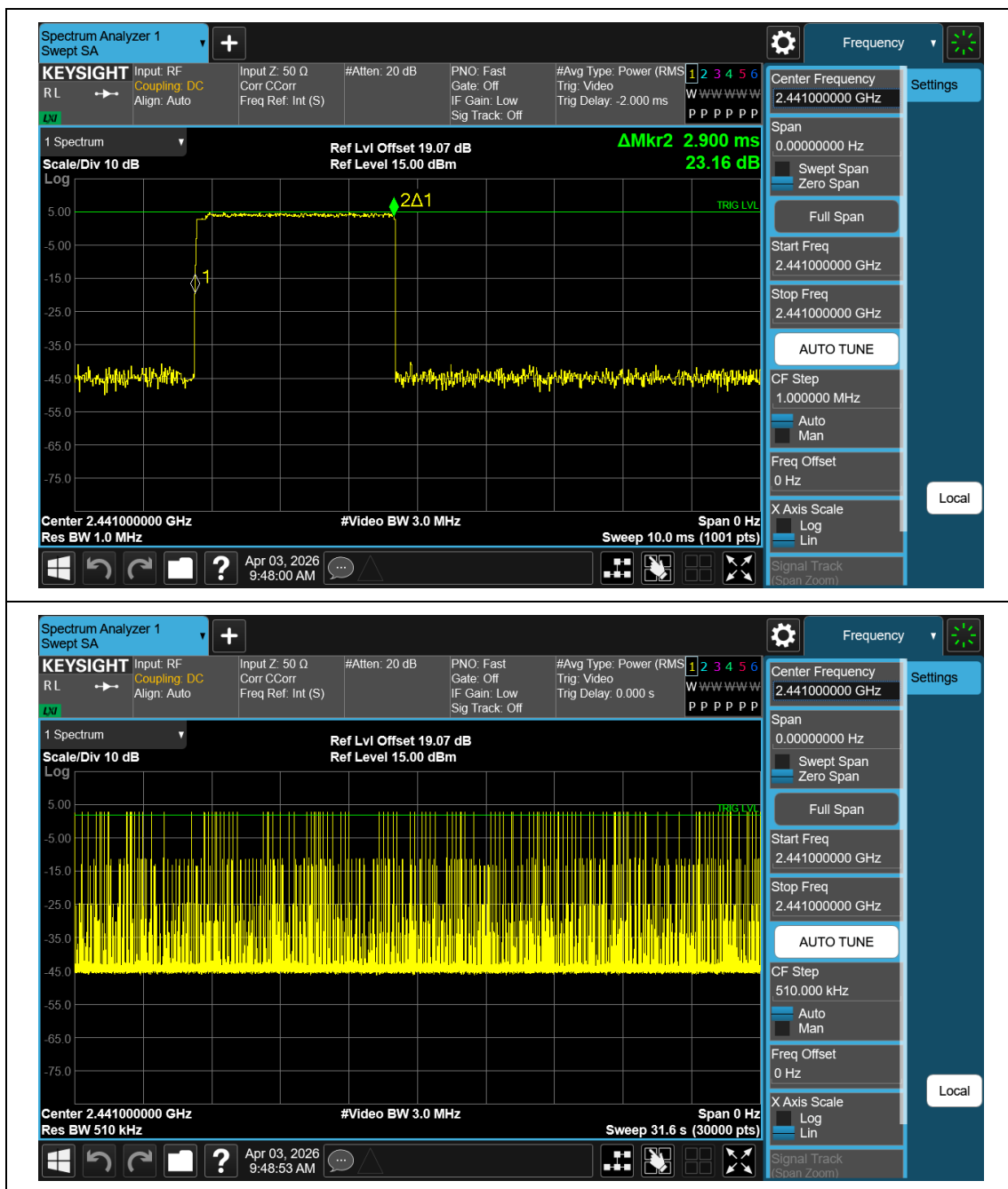
Grid

Cursor

Trace

2DH3-Ant1-Hop-PASS



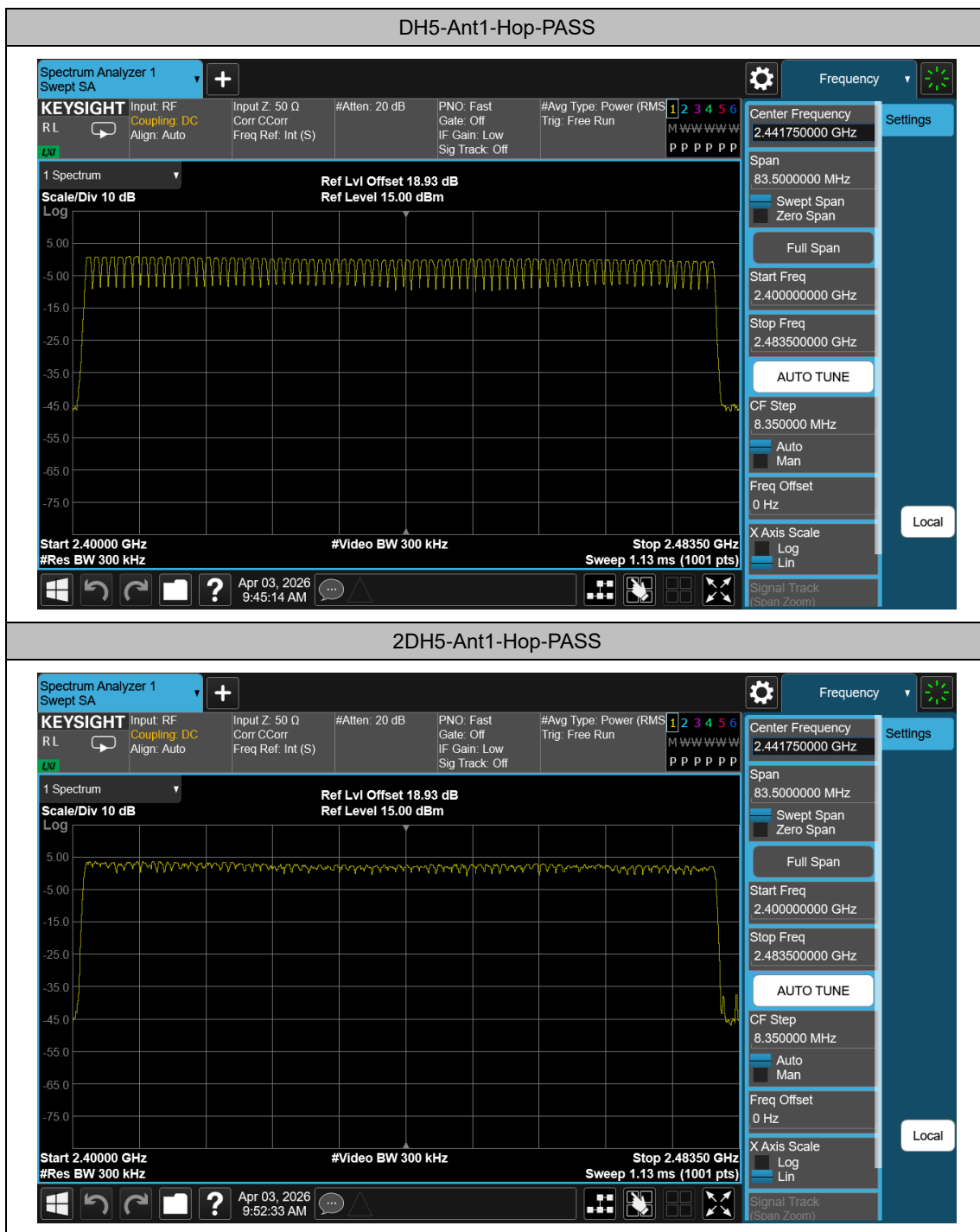


Appendix E: Number of hopping channels

Test Result

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

Test Graphs

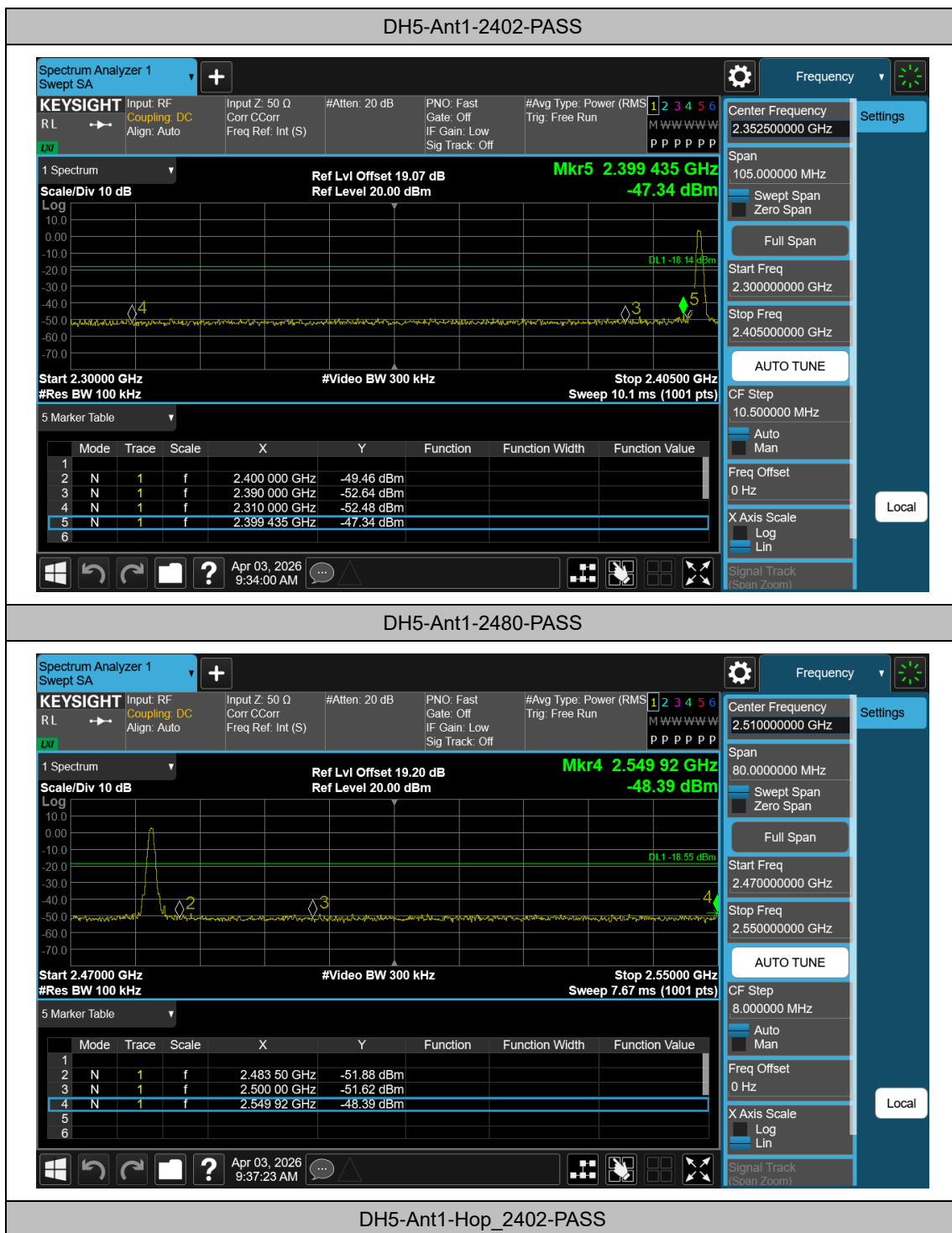


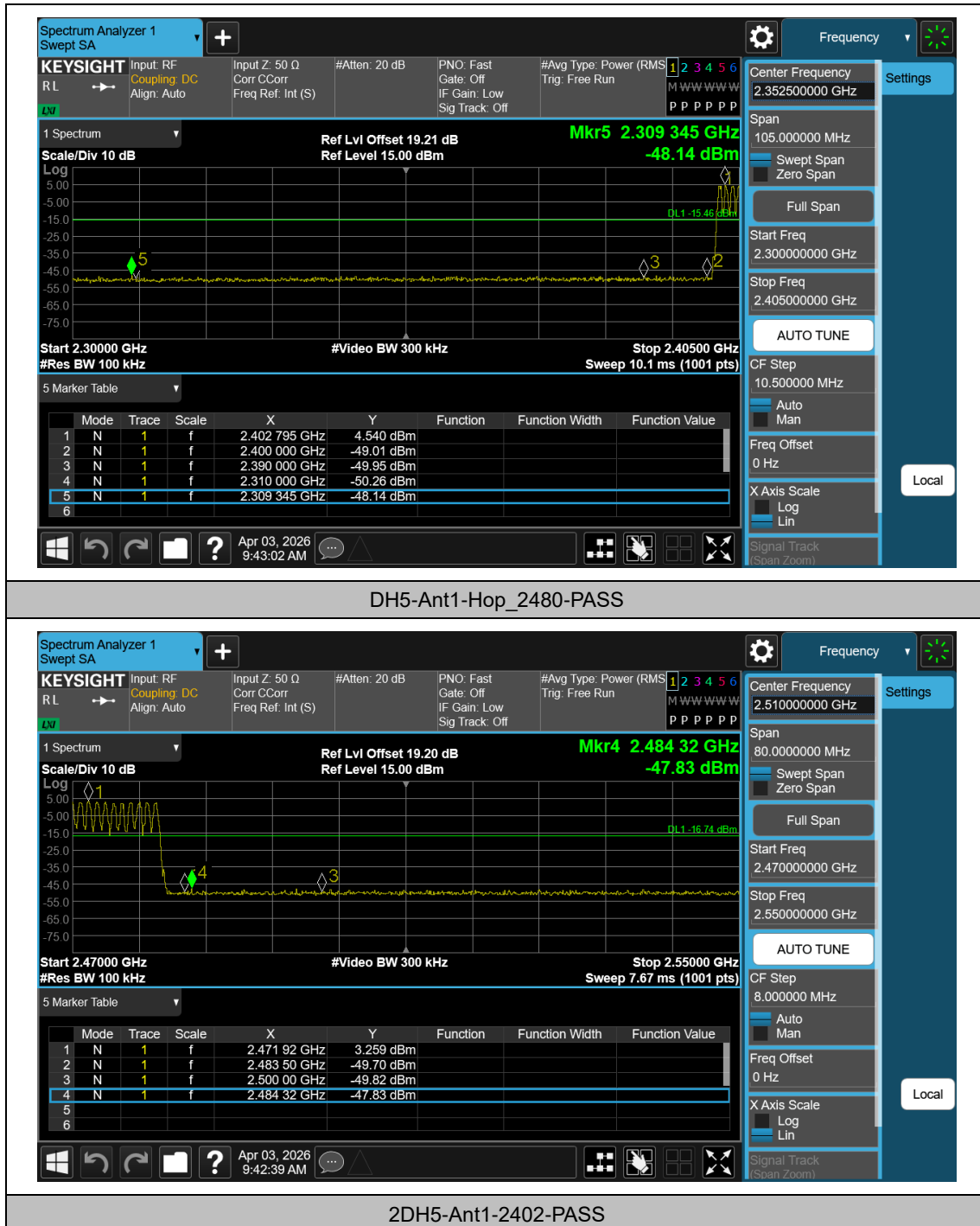
Appendix F: Band edge measurements

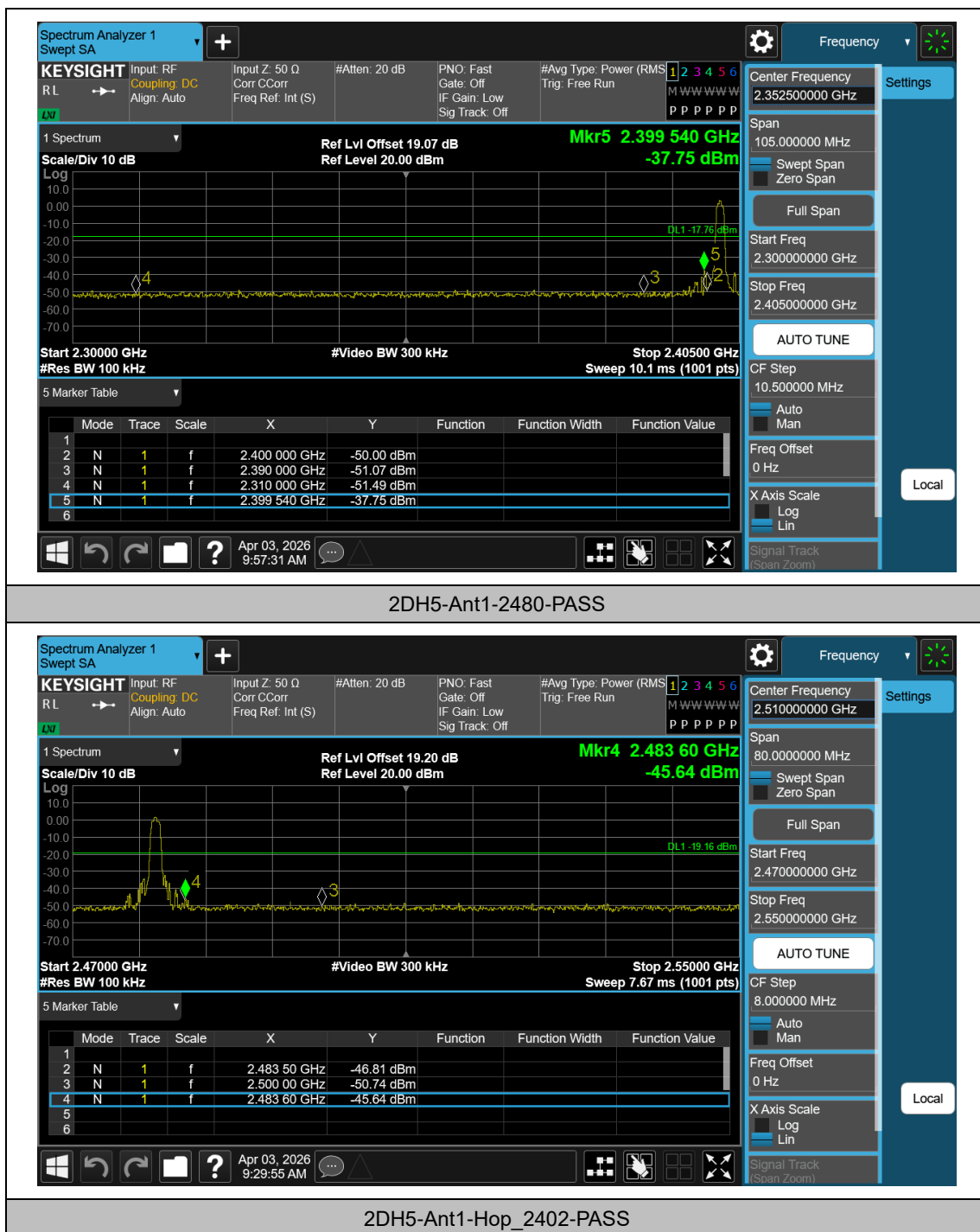
Test Result

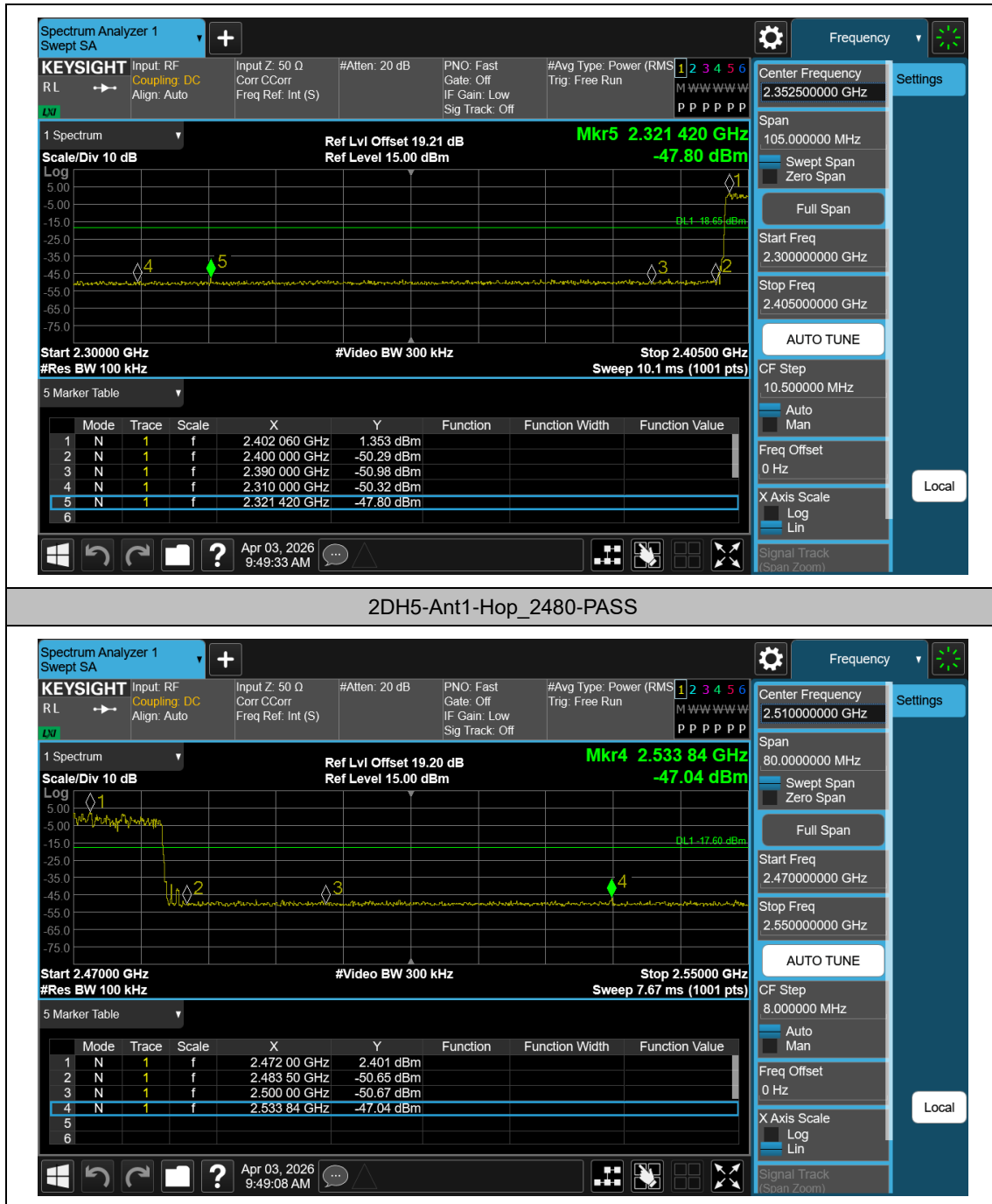
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.86	-47.34	≤ -18.14	PASS
DH5	Ant1	High	2480	1.45	-48.39	≤ -18.55	PASS
DH5	Ant1	Low	Hop_2402	4.54	-48.14	≤ -15.46	PASS
DH5	Ant1	High	Hop_2480	3.26	-47.83	≤ -16.74	PASS
2DH5	Ant1	Low	2402	2.24	-37.75	≤ -17.76	PASS
2DH5	Ant1	High	2480	0.84	-45.64	≤ -19.16	PASS
2DH5	Ant1	Low	Hop_2402	1.35	-47.8	≤ -18.65	PASS
2DH5	Ant1	High	Hop_2480	2.40	-47.04	≤ -17.6	PASS

Test Graphs







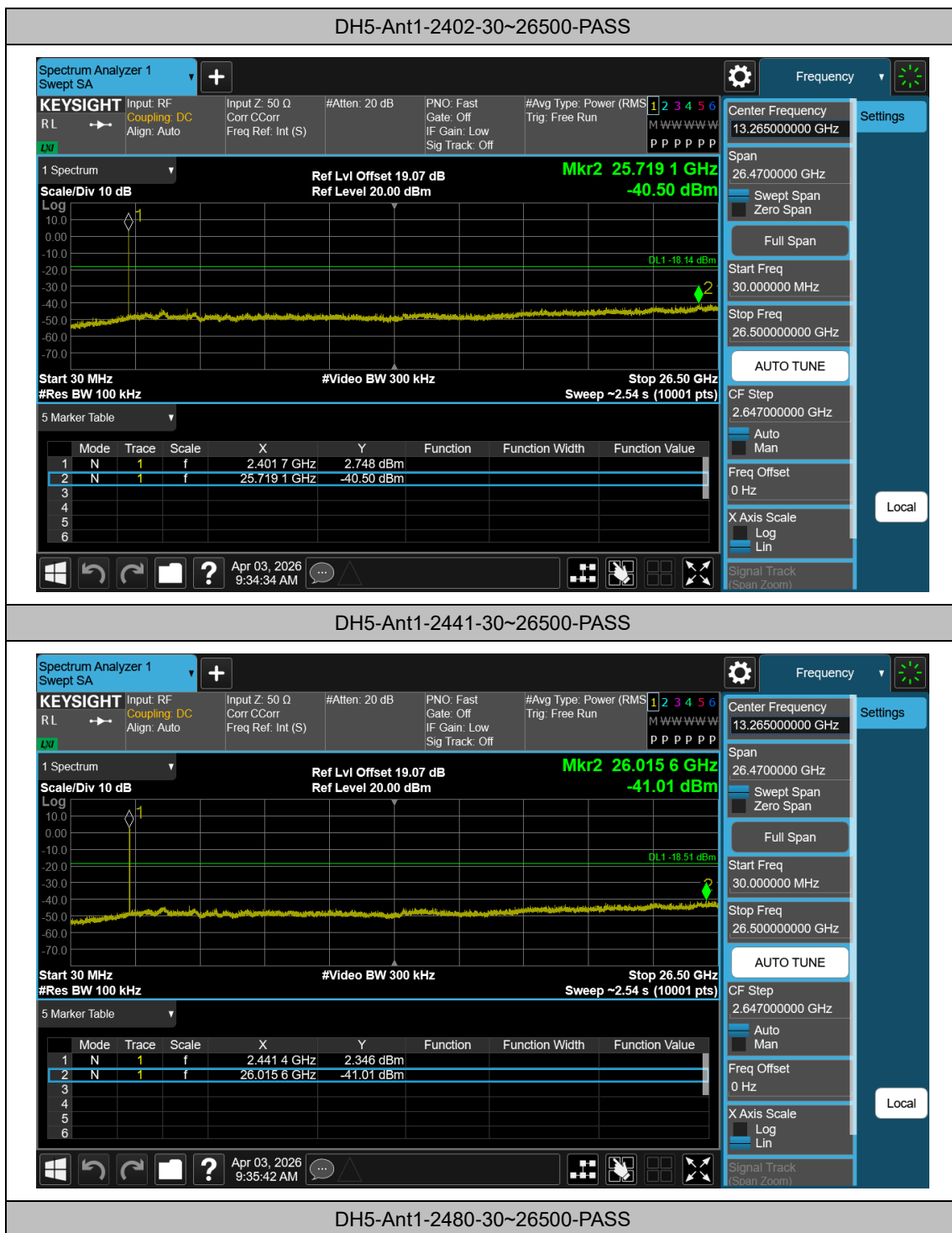


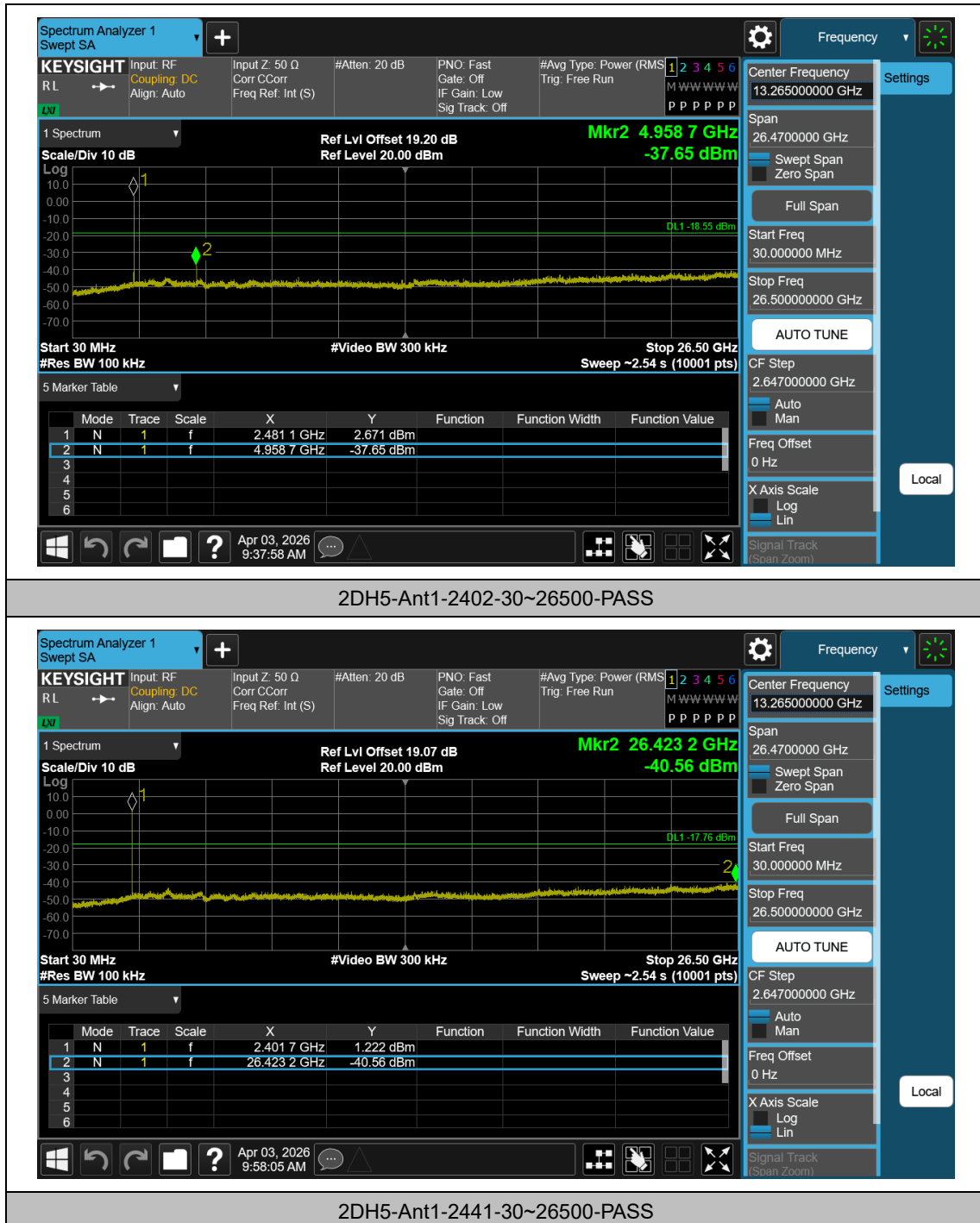
Appendix G: Conducted Spurious Emission

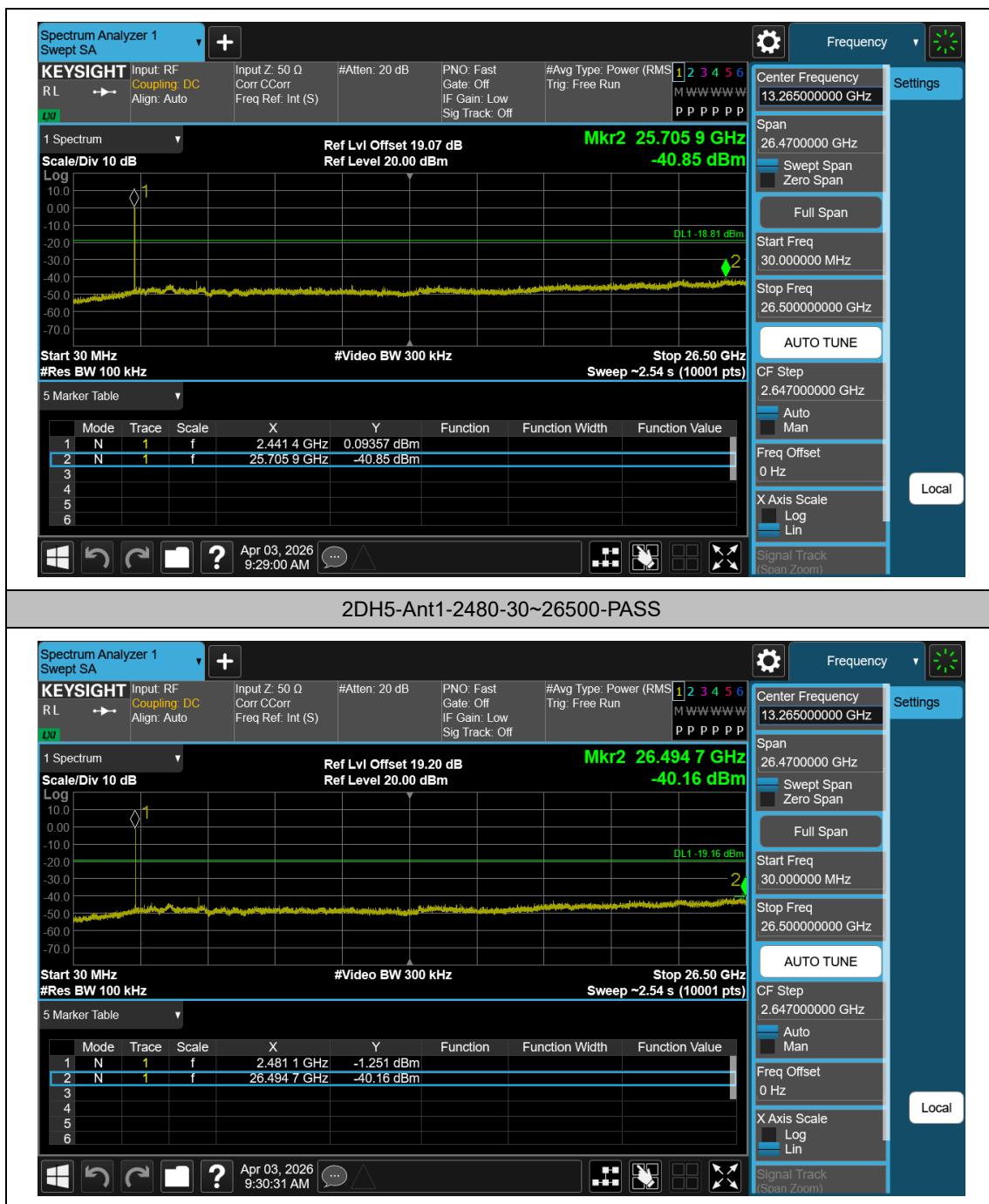
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	30~26500	1.86	-40.5	≤-18.14	PASS
DH5	Ant1	2441	30~26500	1.49	-41.01	≤-18.51	PASS
DH5	Ant1	2480	30~26500	1.45	-37.65	≤-18.55	PASS
2DH5	Ant1	2402	30~26500	2.24	-40.56	≤-17.76	PASS
2DH5	Ant1	2441	30~26500	1.19	-40.85	≤-18.81	PASS
2DH5	Ant1	2480	30~26500	0.84	-40.16	≤-19.16	PASS

Test Graphs







Appendix H: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
DH5	Ant1	2402	2401.98	1.86
DH5	Ant1	2441	2440.83	1.49
DH5	Ant1	2480	2479.81	1.45
2DH5	Ant1	2402	2402.11	2.24
2DH5	Ant1	2441	2441.12	1.19
2DH5	Ant1	2480	2480.11	0.84



Test Graphs

