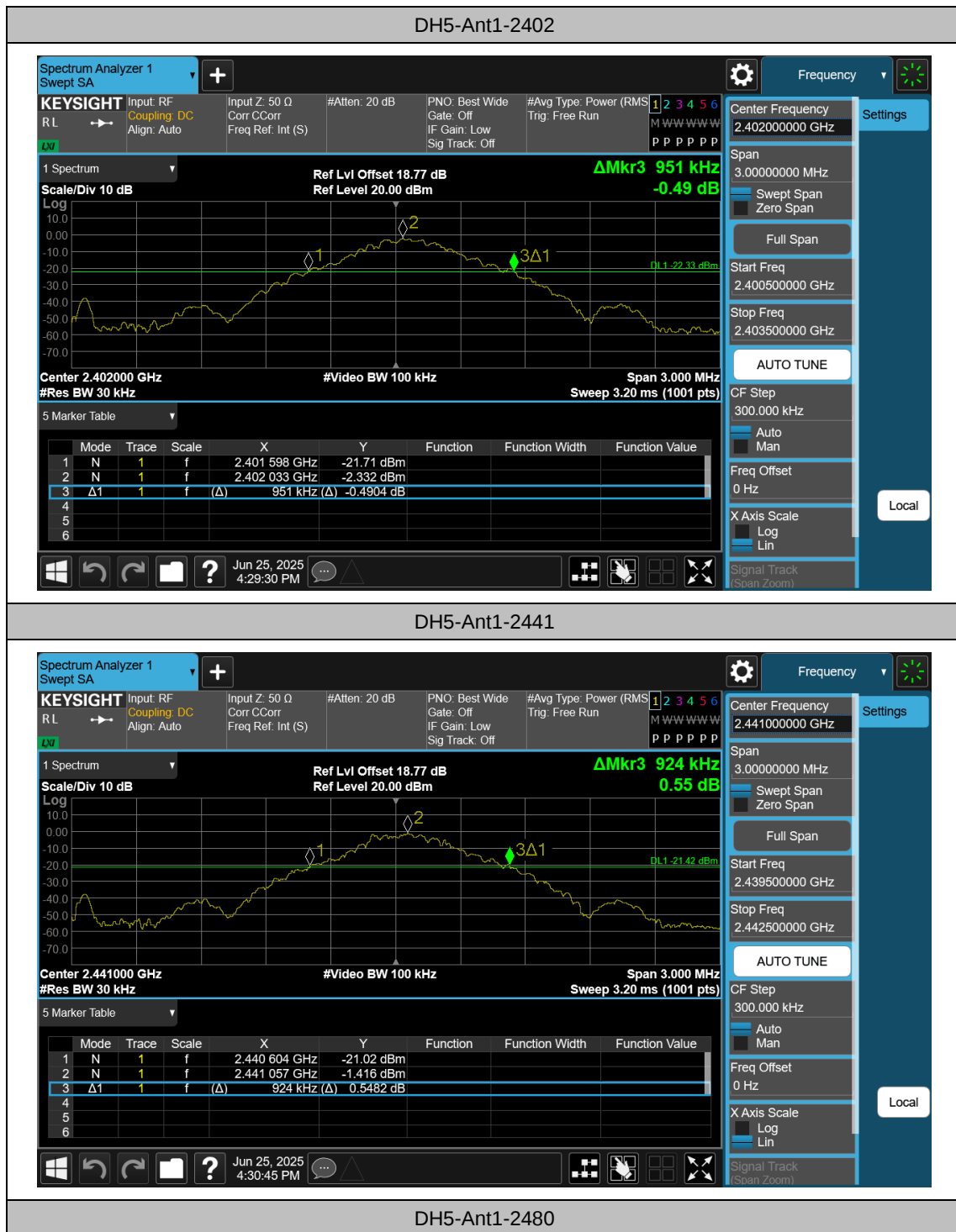


Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.951	2401.598	2402.549	---	---
DH5	Ant1	2441	0.924	2440.604	2441.528	---	---
DH5	Ant1	2480	0.948	2479.601	2480.549	---	---
2DH5	Ant1	2402	1.302	2401.409	2402.711	---	---
2DH5	Ant1	2441	1.281	2440.430	2441.711	---	---
2DH5	Ant1	2480	1.314	2479.397	2480.711	---	---

Test Graphs

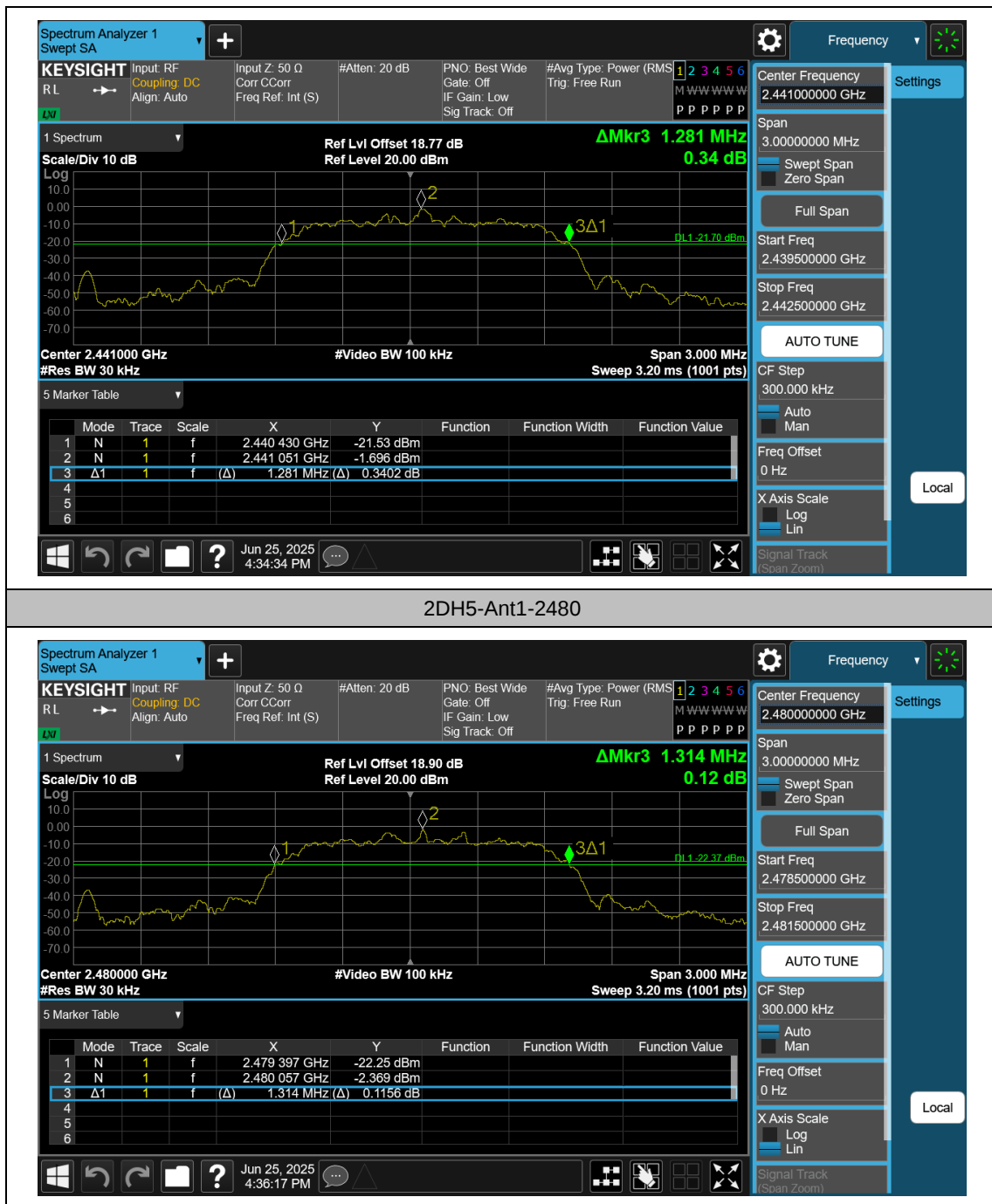




2DH5-Ant1-2402



2DH5-Ant1-2441

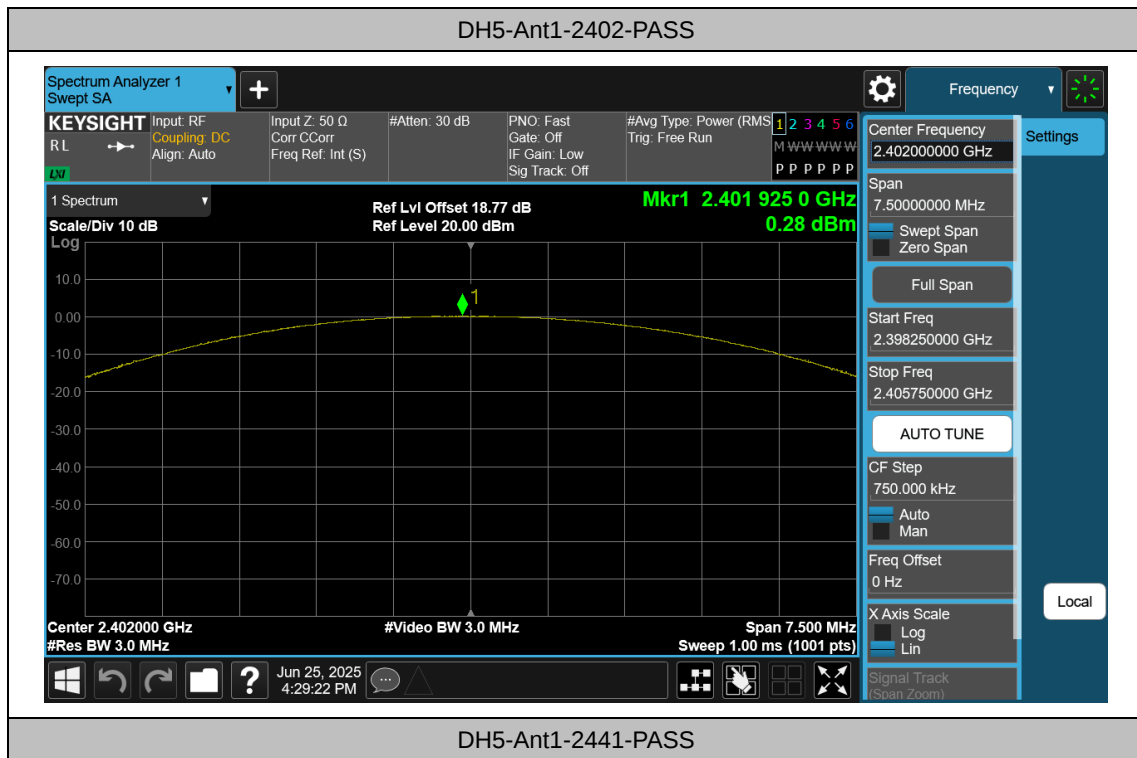


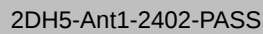
Appendix B: Maximum conducted output power

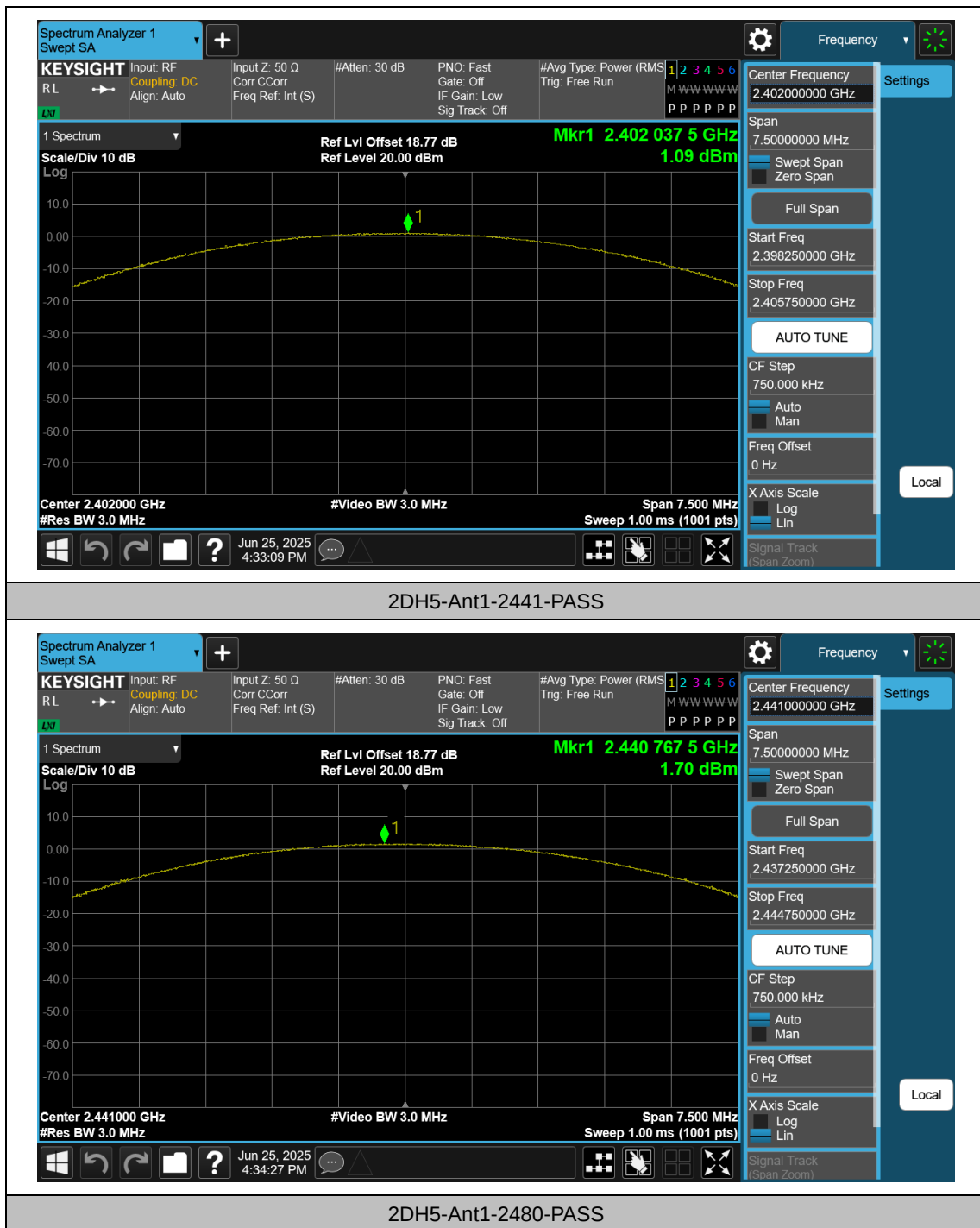
Test Result Peak

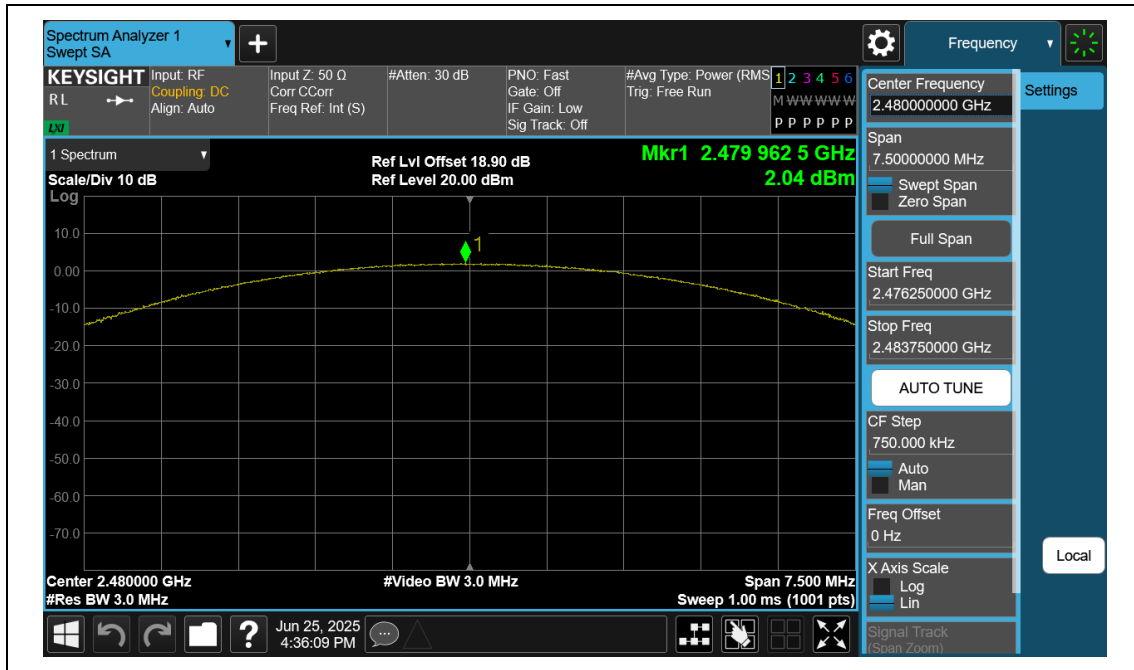
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.29	≤20.97	PASS
DH5	Ant1	2441	0.90	≤20.97	PASS
DH5	Ant1	2480	1.24	≤20.97	PASS
2DH5	Ant1	2402	1.09	≤20.97	PASS
2DH5	Ant1	2441	1.70	≤20.97	PASS
2DH5	Ant1	2480	2.05	≤20.97	PASS

Test Graphs







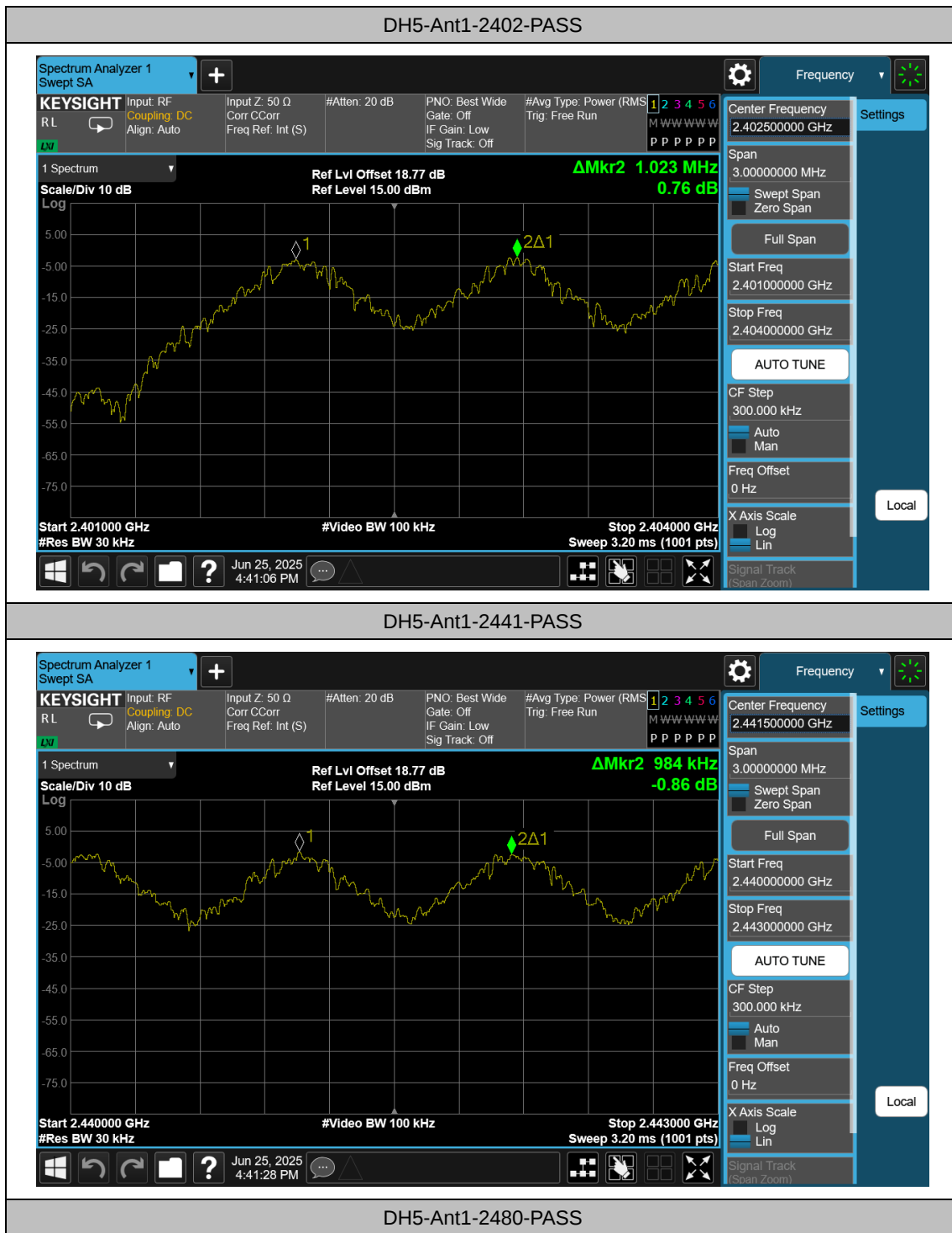


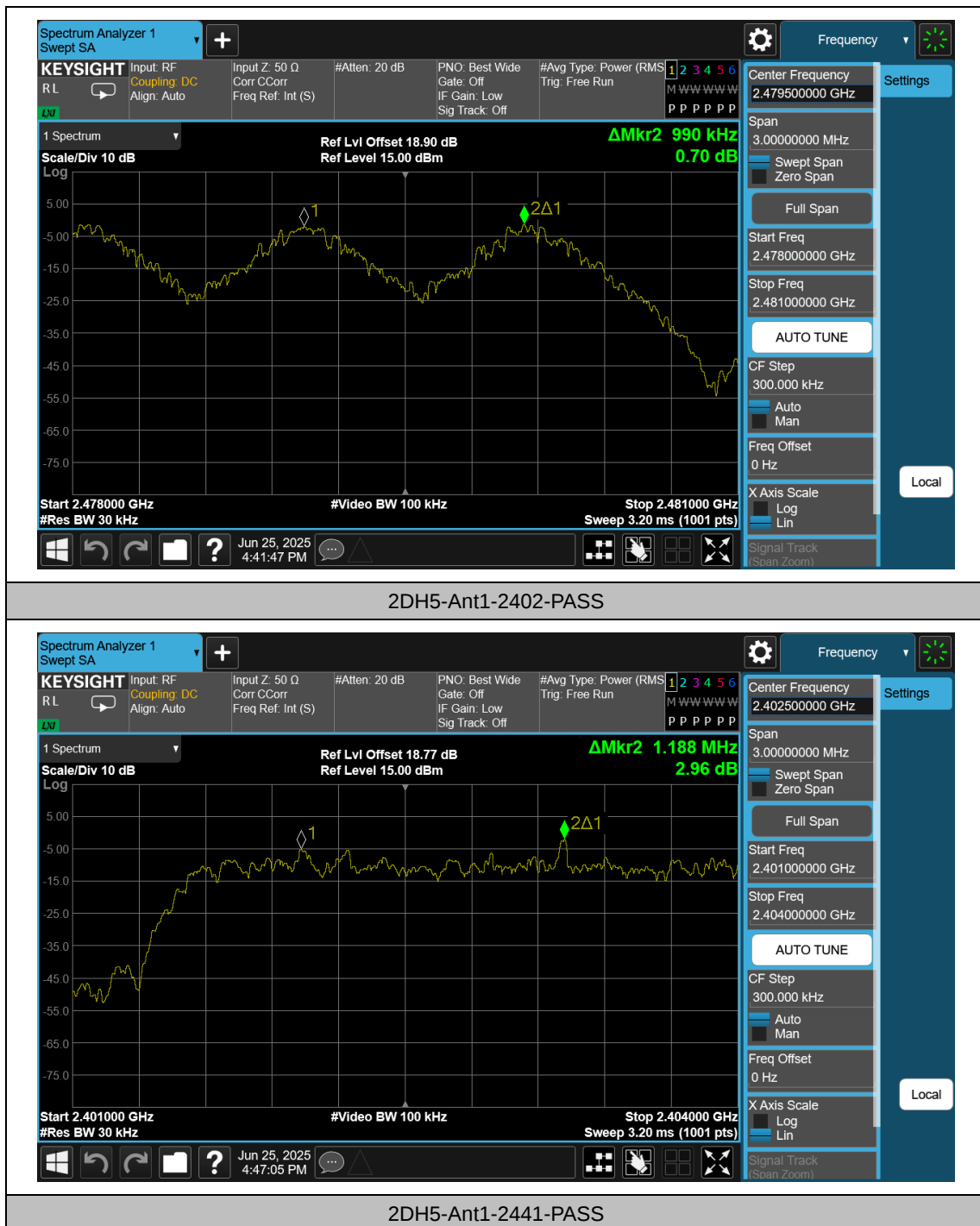
Appendix C: Carrier frequency separation

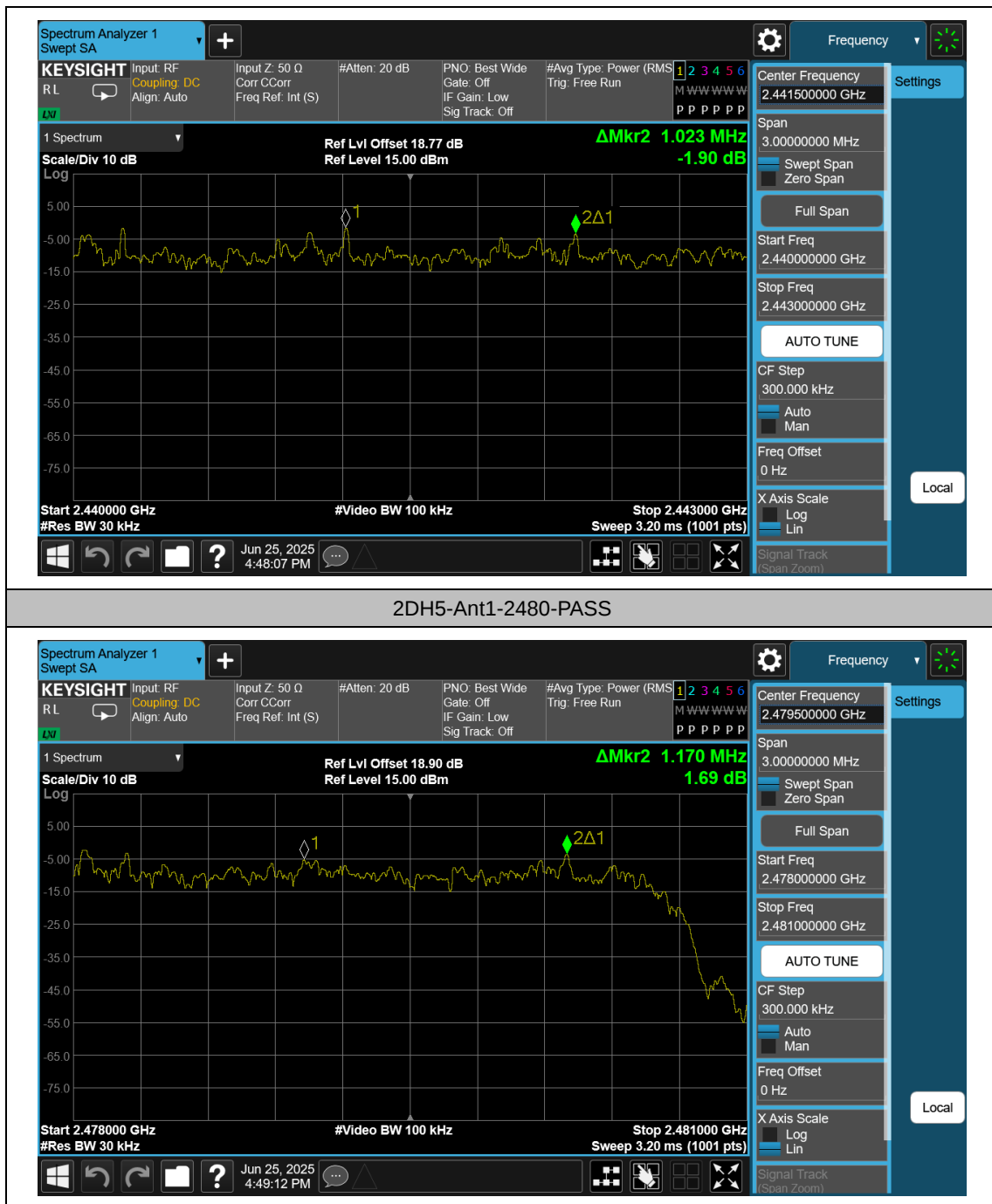
Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.023	≥ 0.951	PASS
DH5	Ant1	2441	0.984	≥ 0.951	PASS
DH5	Ant1	2480	0.99	≥ 0.951	PASS
2DH5	Ant1	2402	1.188	≥ 0.876	PASS
2DH5	Ant1	2441	1.023	≥ 0.876	PASS
2DH5	Ant1	2480	1.17	≥ 0.876	PASS

Test Graphs





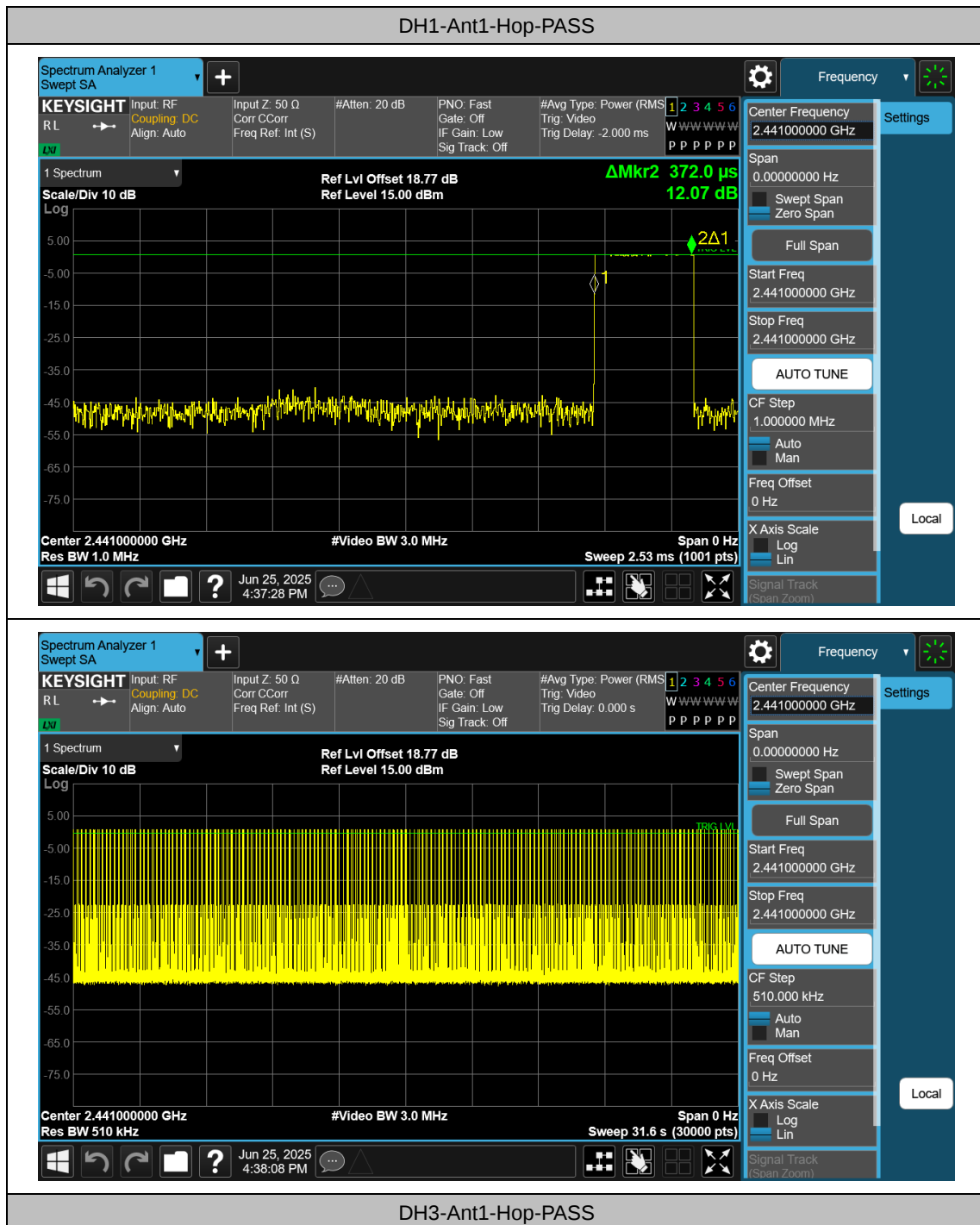


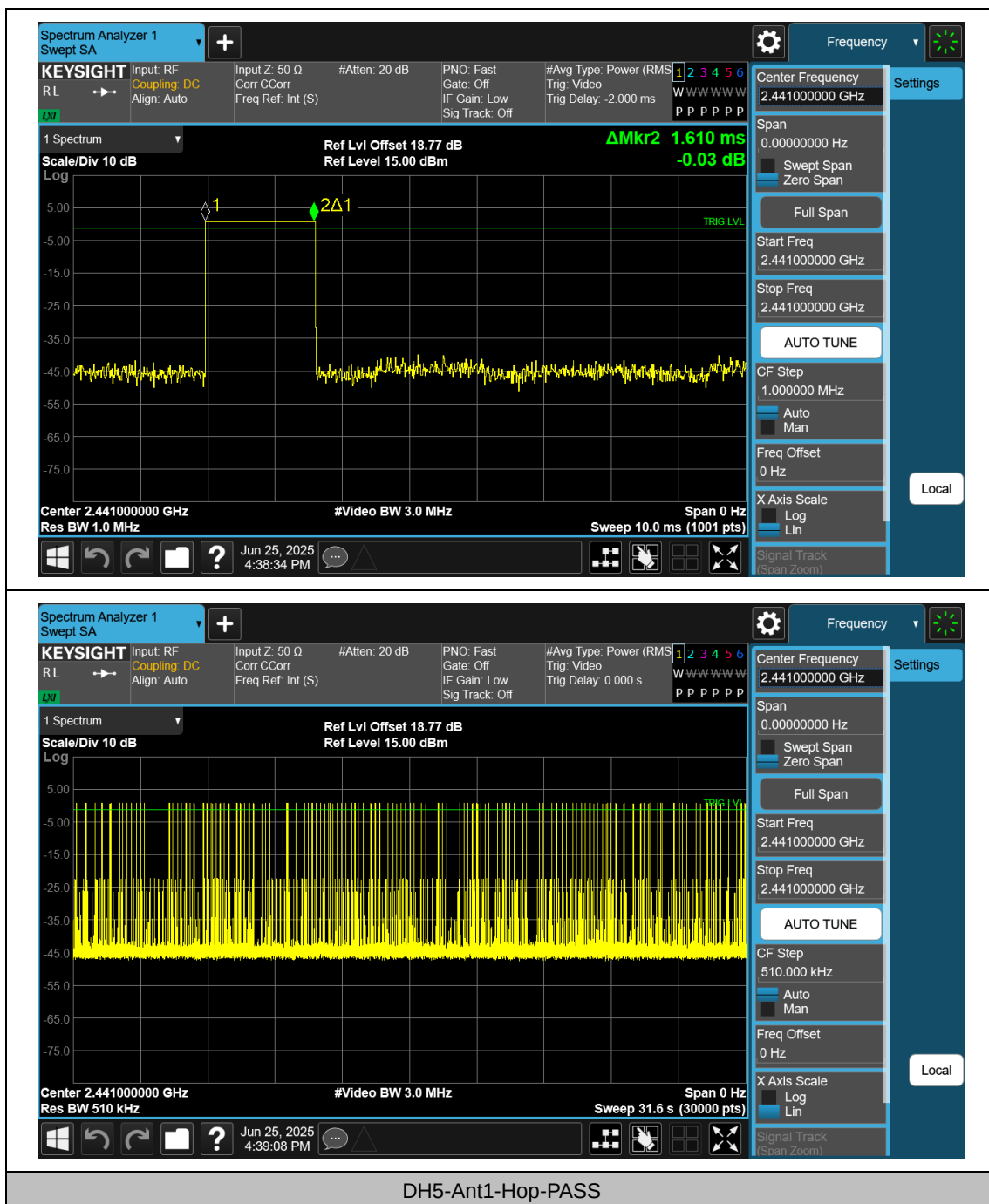
Appendix D: Time of occupancy

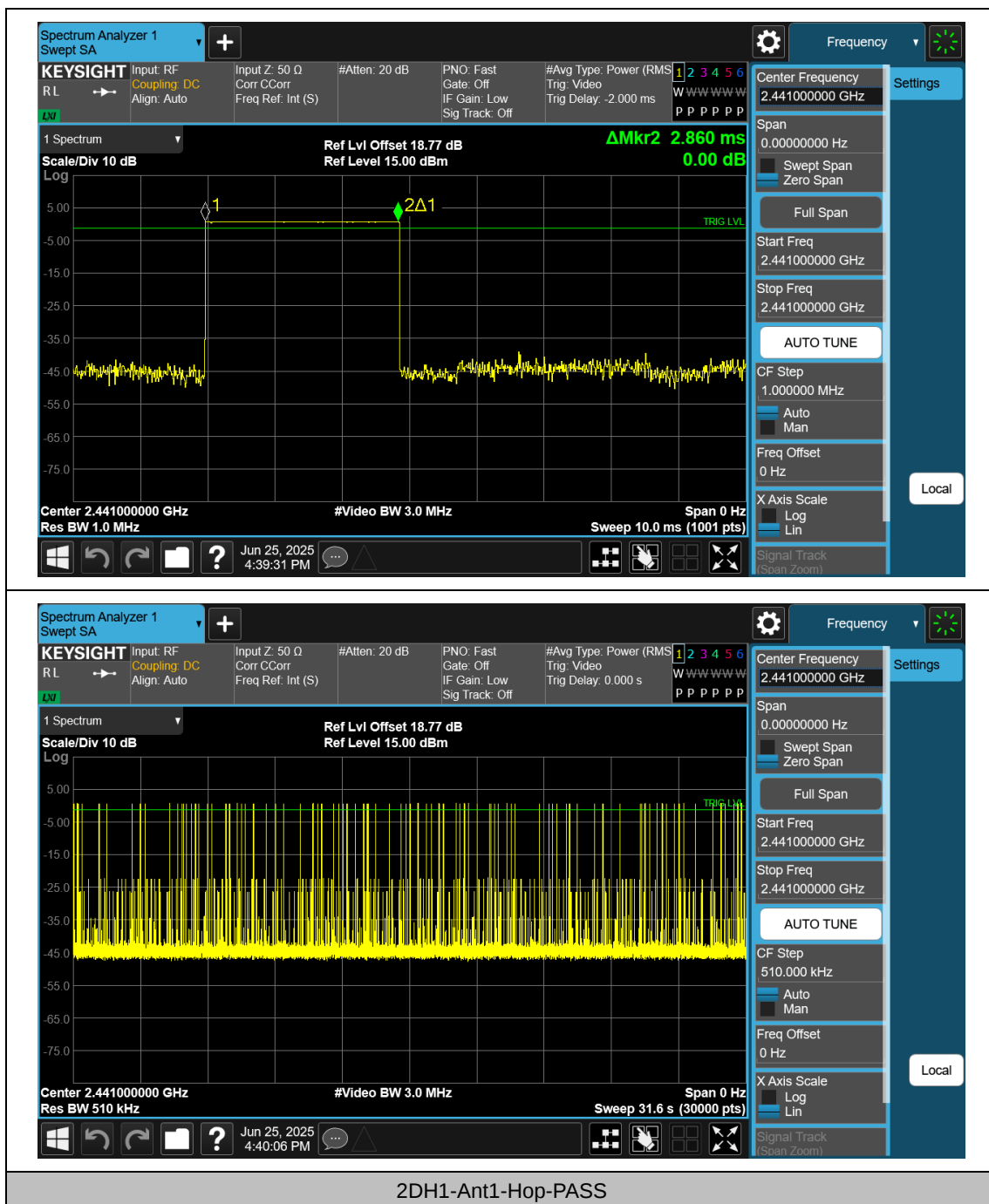
Test Result

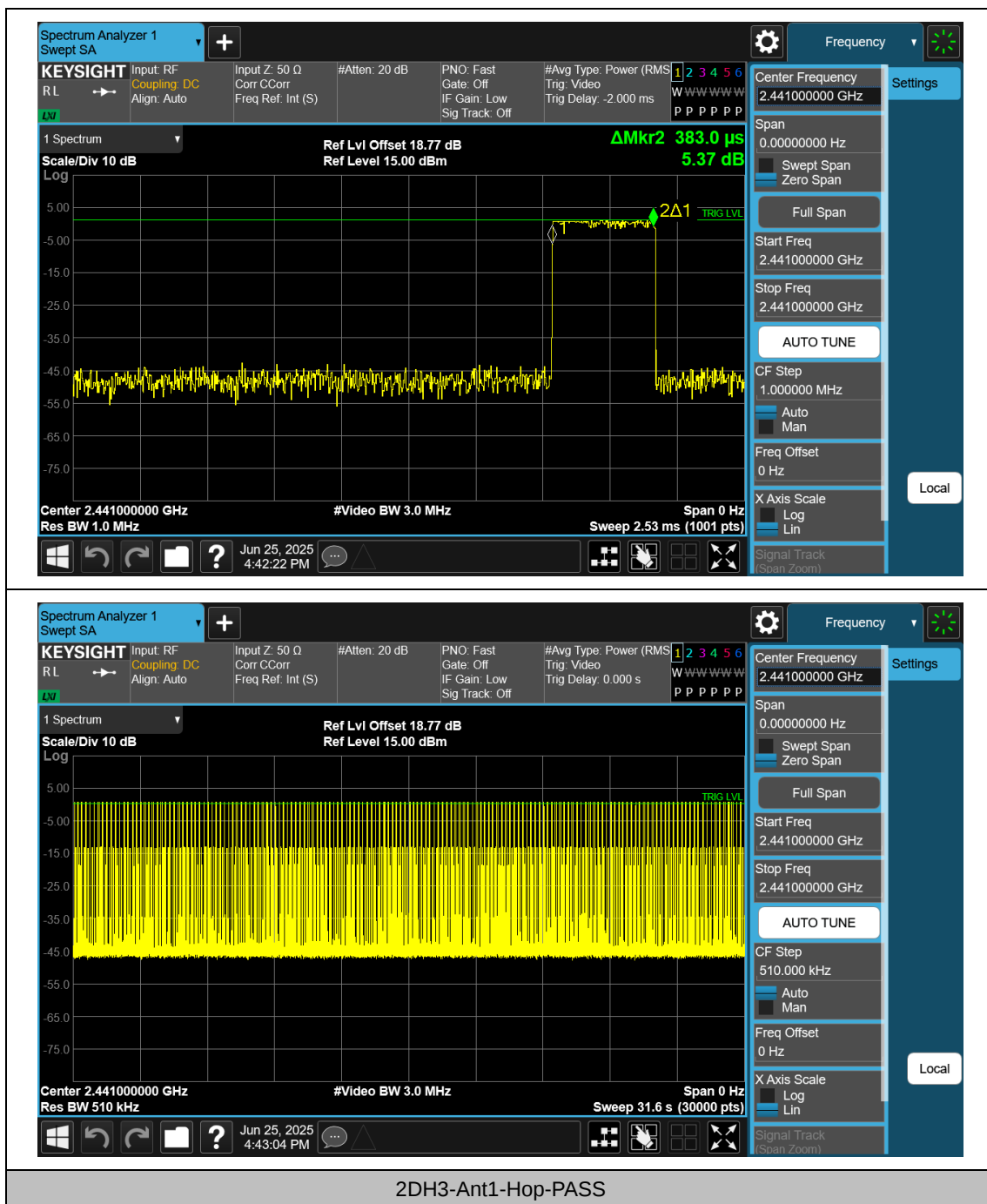
TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.372	316	0.118	≤0.4	PASS
DH3	Ant1	Hop	1.610	166	0.267	≤0.4	PASS
DH5	Ant1	Hop	2.860	100	0.286	≤0.4	PASS
2DH1	Ant1	Hop	0.383	317	0.121	≤0.4	PASS
2DH3	Ant1	Hop	1.620	150	0.243	≤0.4	PASS
2DH5	Ant1	Hop	2.860	109	0.312	≤0.4	PASS

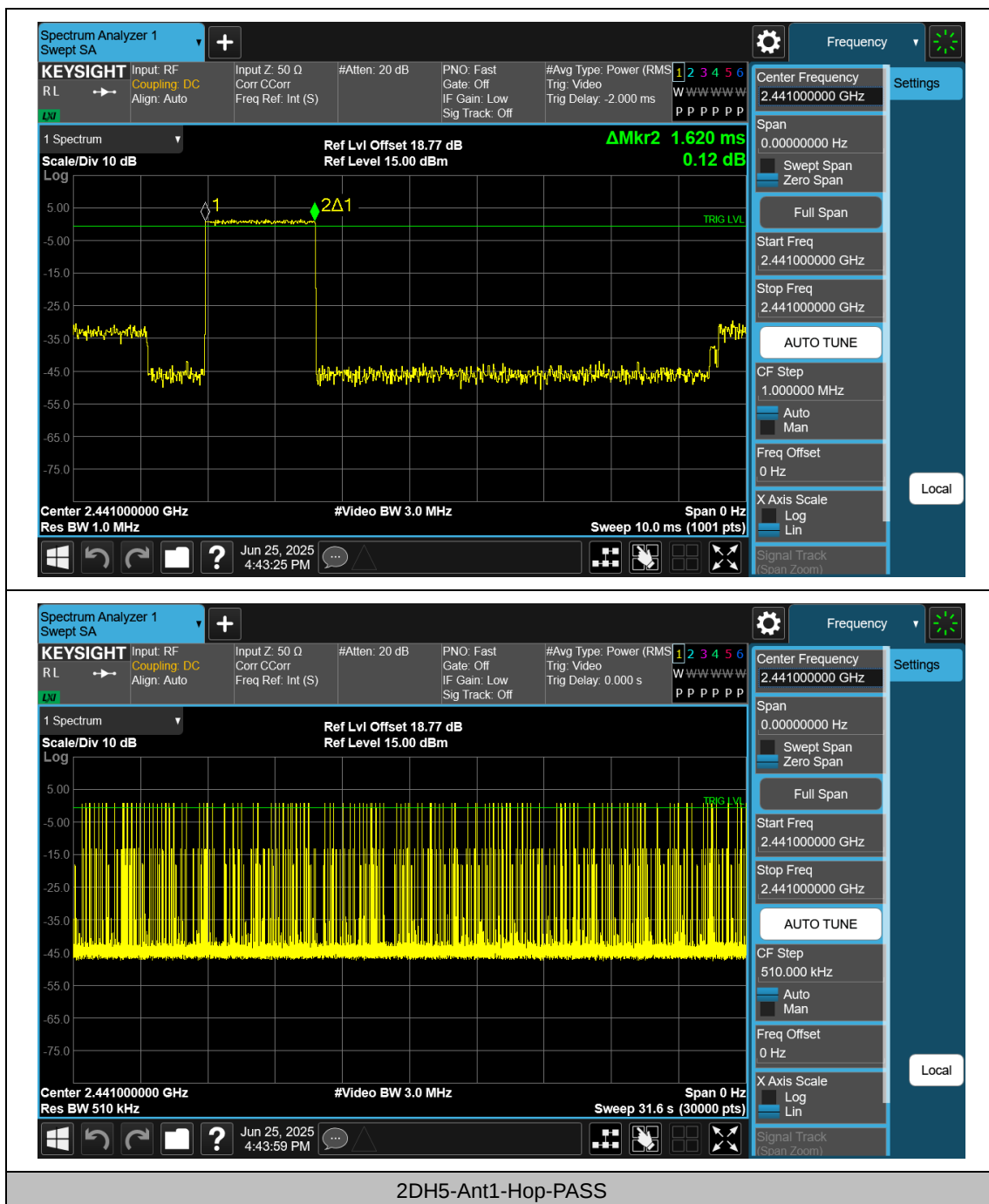
Test Graphs











Spectrum Analyzer 1

Swept SA

+

KEYSIGHT

Input: RF

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)

Settings

Local

1 Spectrum

Ref Lvl Offset 18.77 dB

Ref Level 15.00 dBm

Scale/Div 10 dB

Log

5.00

-5.00

-15.0

-25.0

-35.0

-45.0

-55.0

-65.0

-75.0

TRIG LVL

Center 2.441000000 GHz

Res BW 510 kHz

#Video BW 3.0 MHz

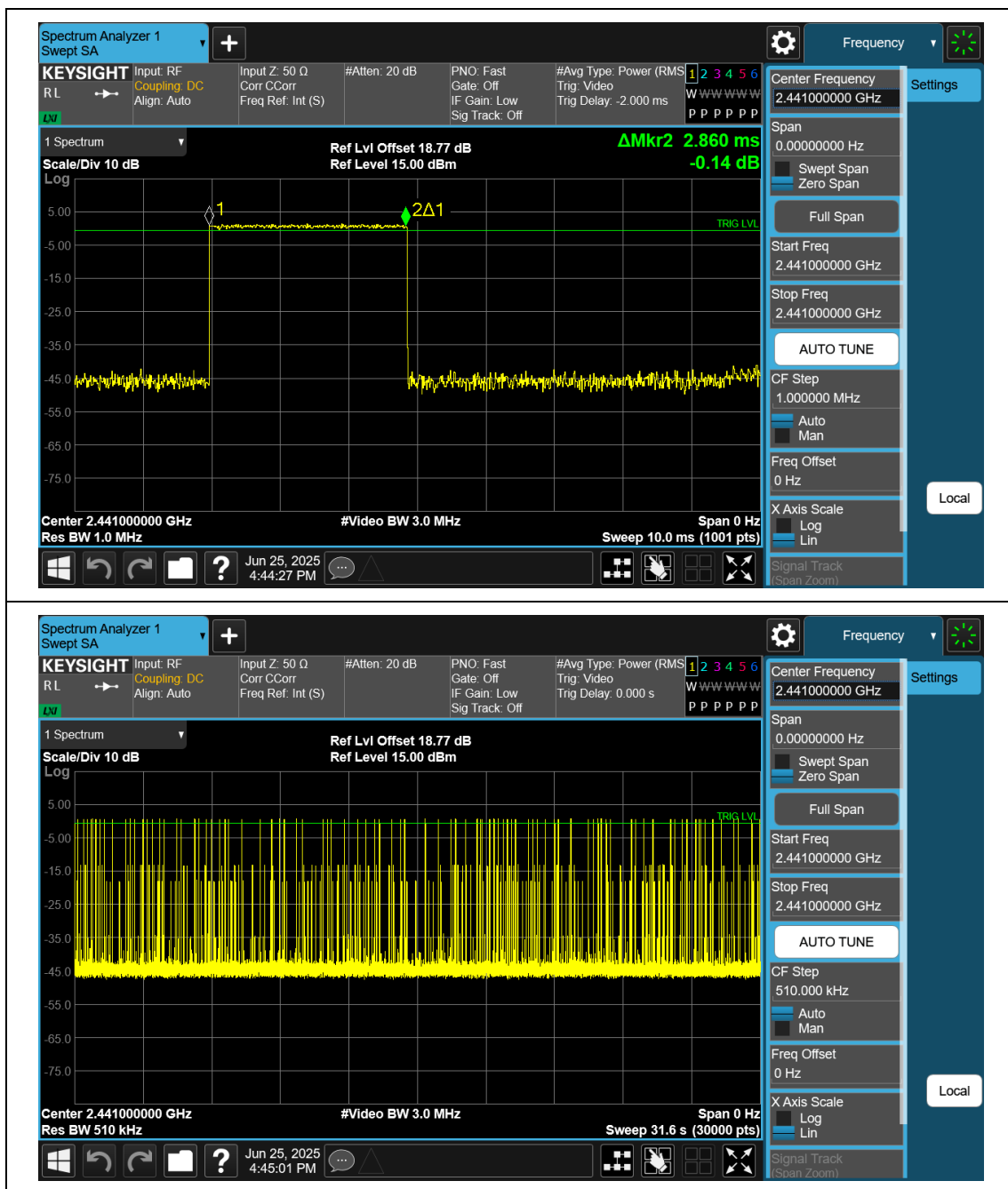
Span 0 Hz

Sweep 31.6 s (30000 pts)

Jun 25, 2025

4:43:59 PM

2DH5-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

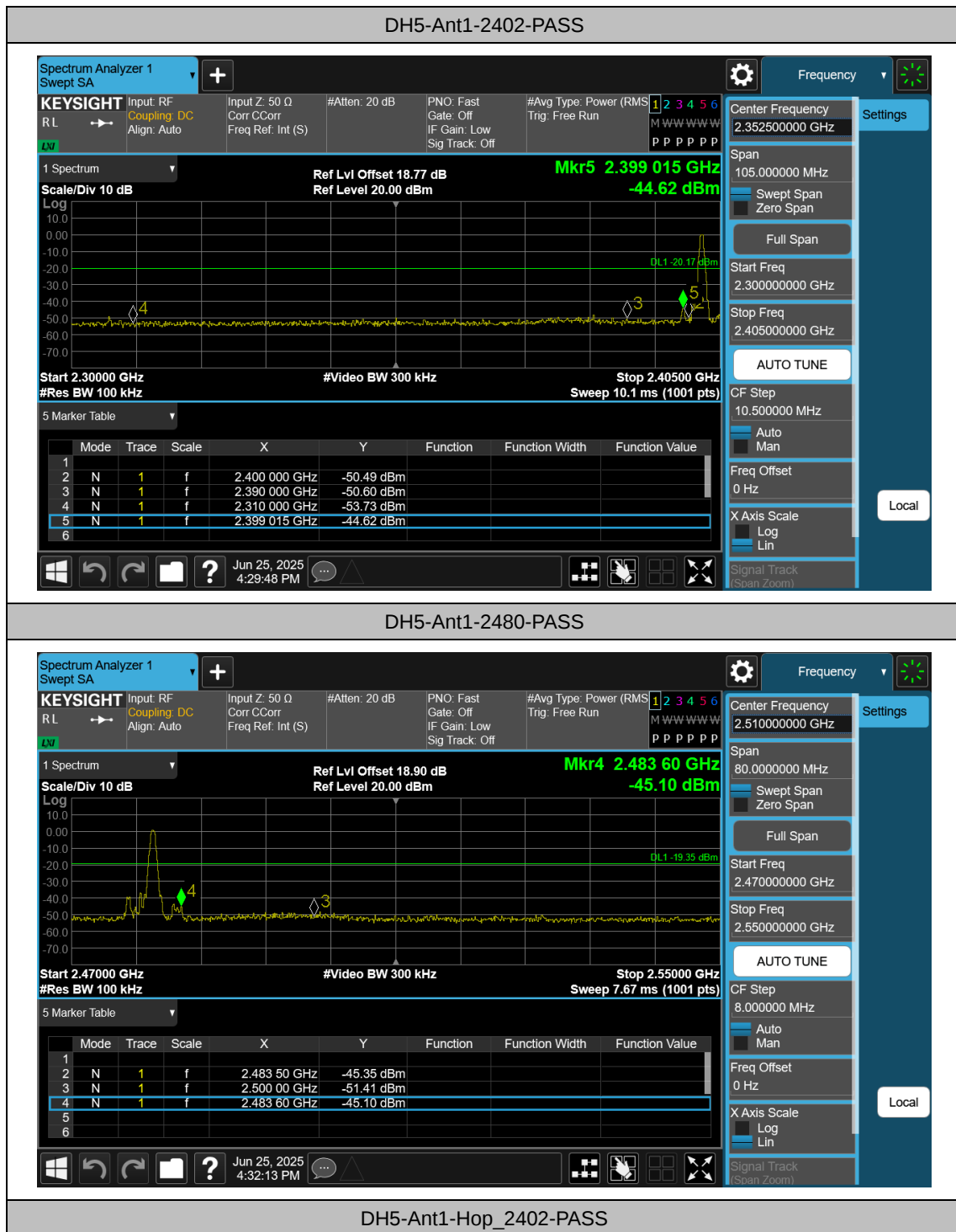


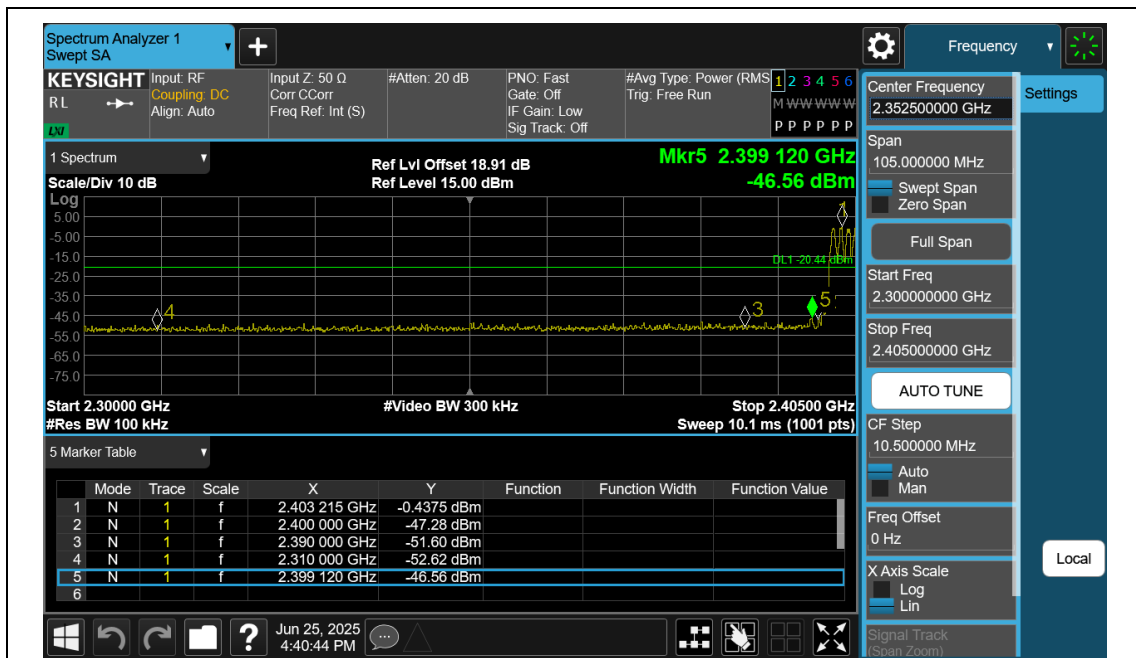
Appendix F: Band edge measurements

Test Result

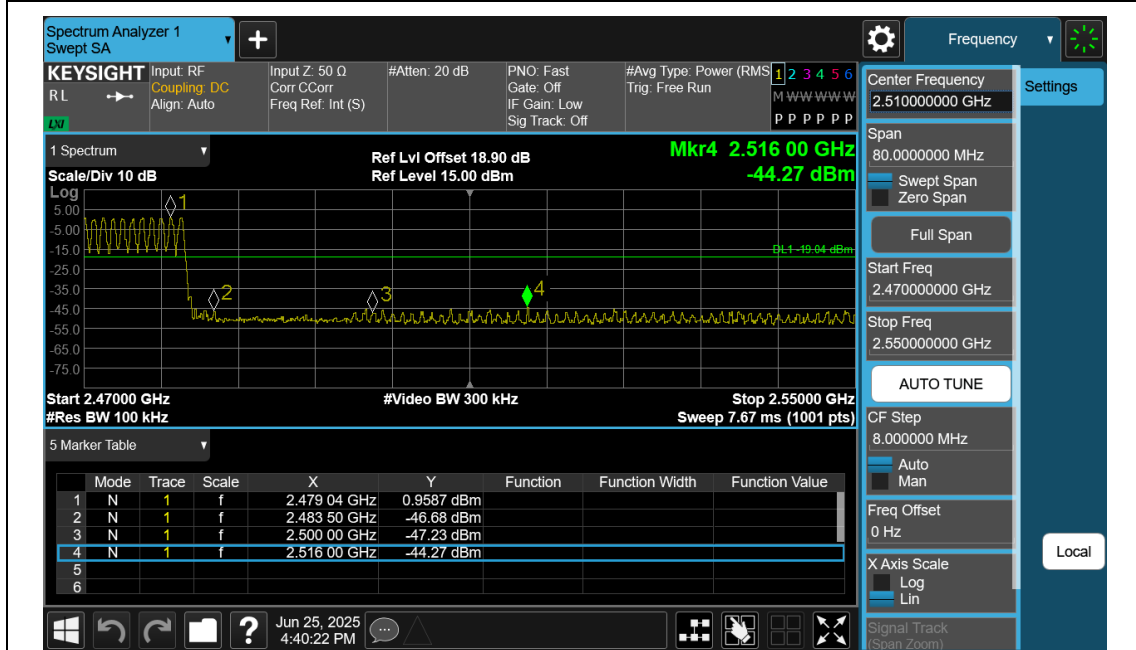
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.17	-44.62	≤ -20.17	PASS
DH5	Ant1	High	2480	0.65	-45.1	≤ -19.35	PASS
DH5	Ant1	Low	Hop_2402	-0.44	-46.56	≤ -20.44	PASS
DH5	Ant1	High	Hop_2480	0.96	-44.27	≤ -19.04	PASS
2DH5	Ant1	Low	2402	-0.27	-44.26	≤ -20.27	PASS
2DH5	Ant1	High	2480	0.86	-44.59	≤ -19.14	PASS
2DH5	Ant1	Low	Hop_2402	0.31	-47.72	≤ -19.69	PASS
2DH5	Ant1	High	Hop_2480	1.20	-46.37	≤ -18.81	PASS

Test Graphs

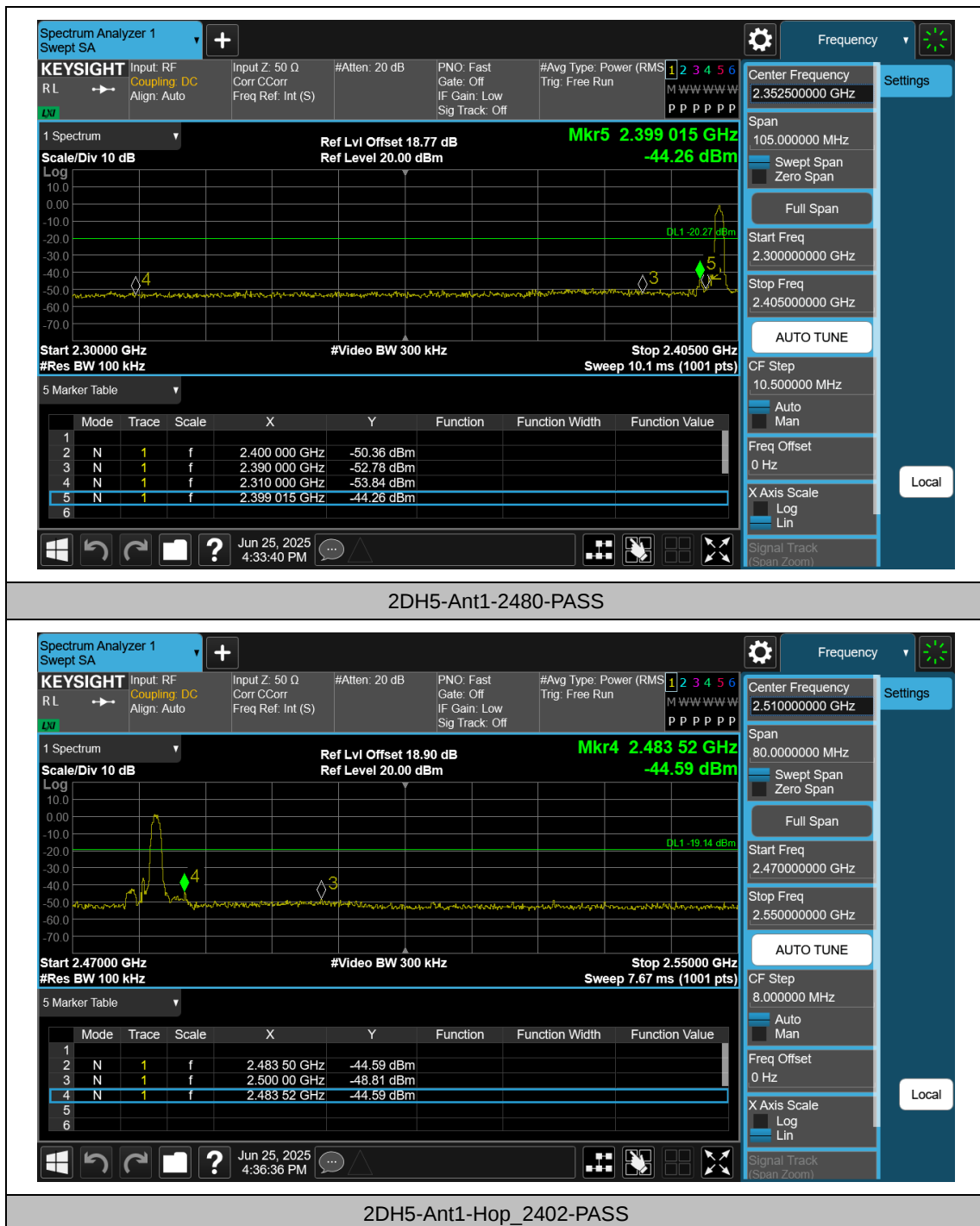


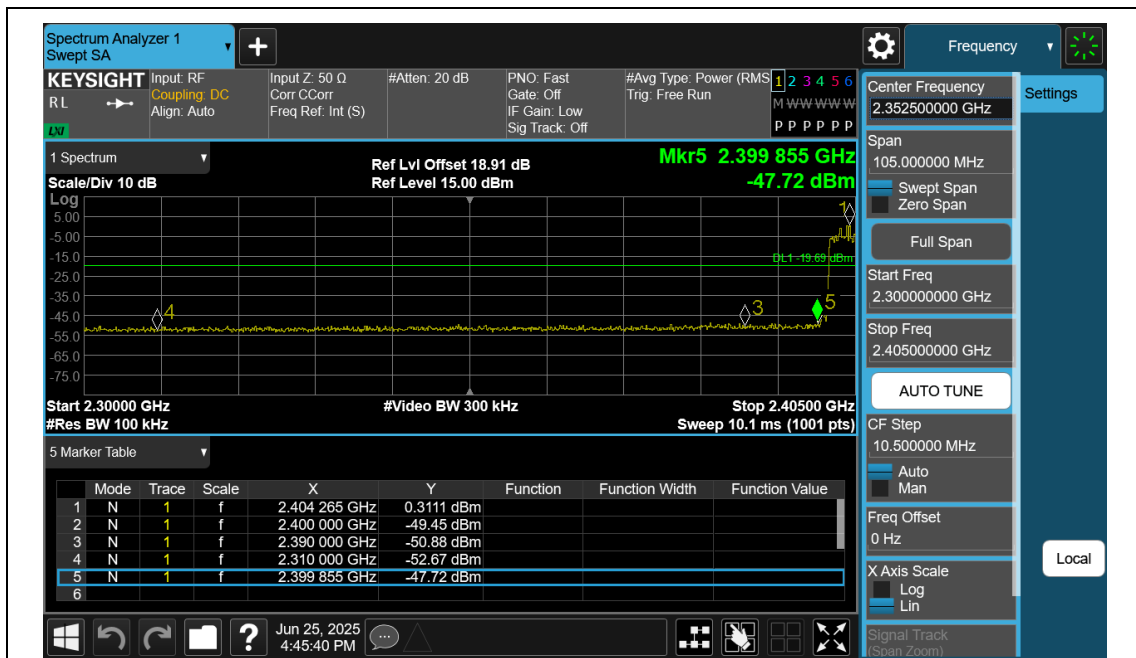


DH5-Ant1-Hop_2480-PASS

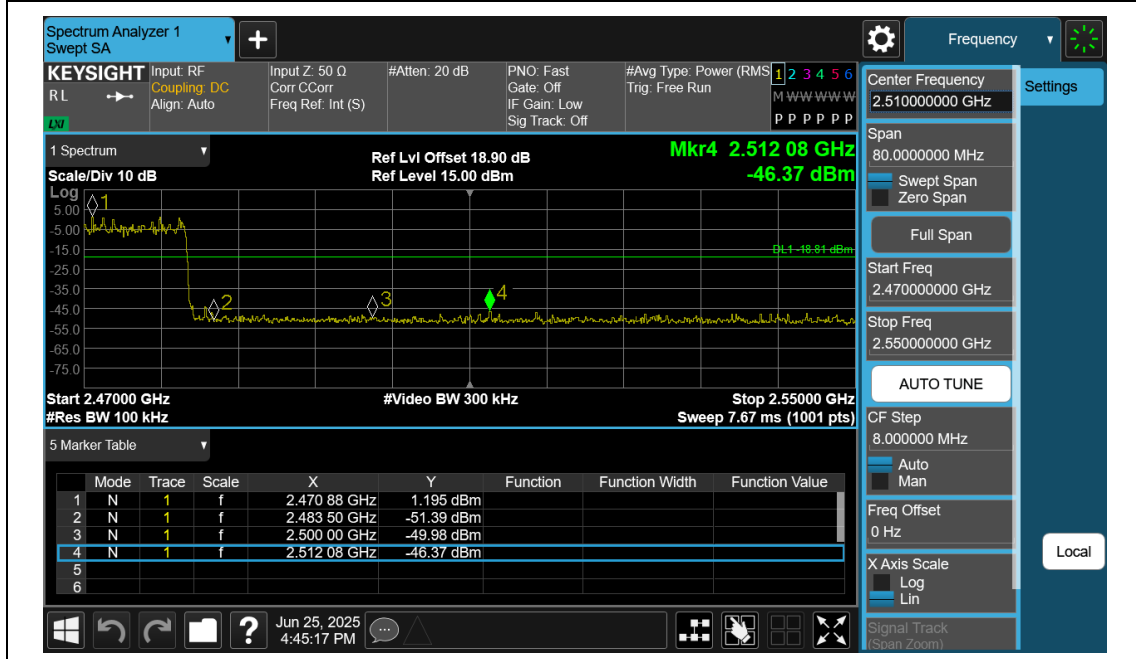


2DH5-Ant1-2402-PASS





2DH5-Ant1-Hop_2480-PASS

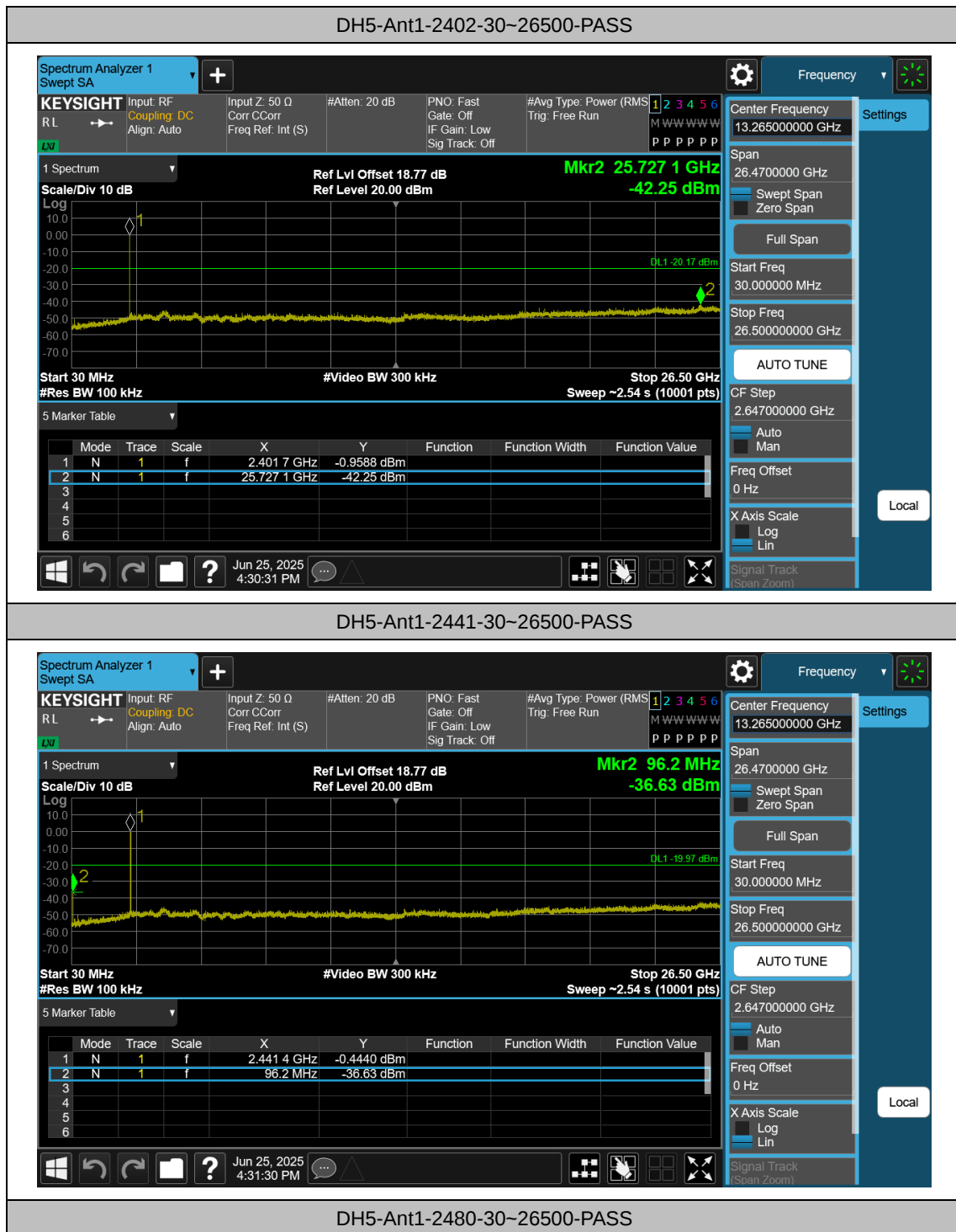


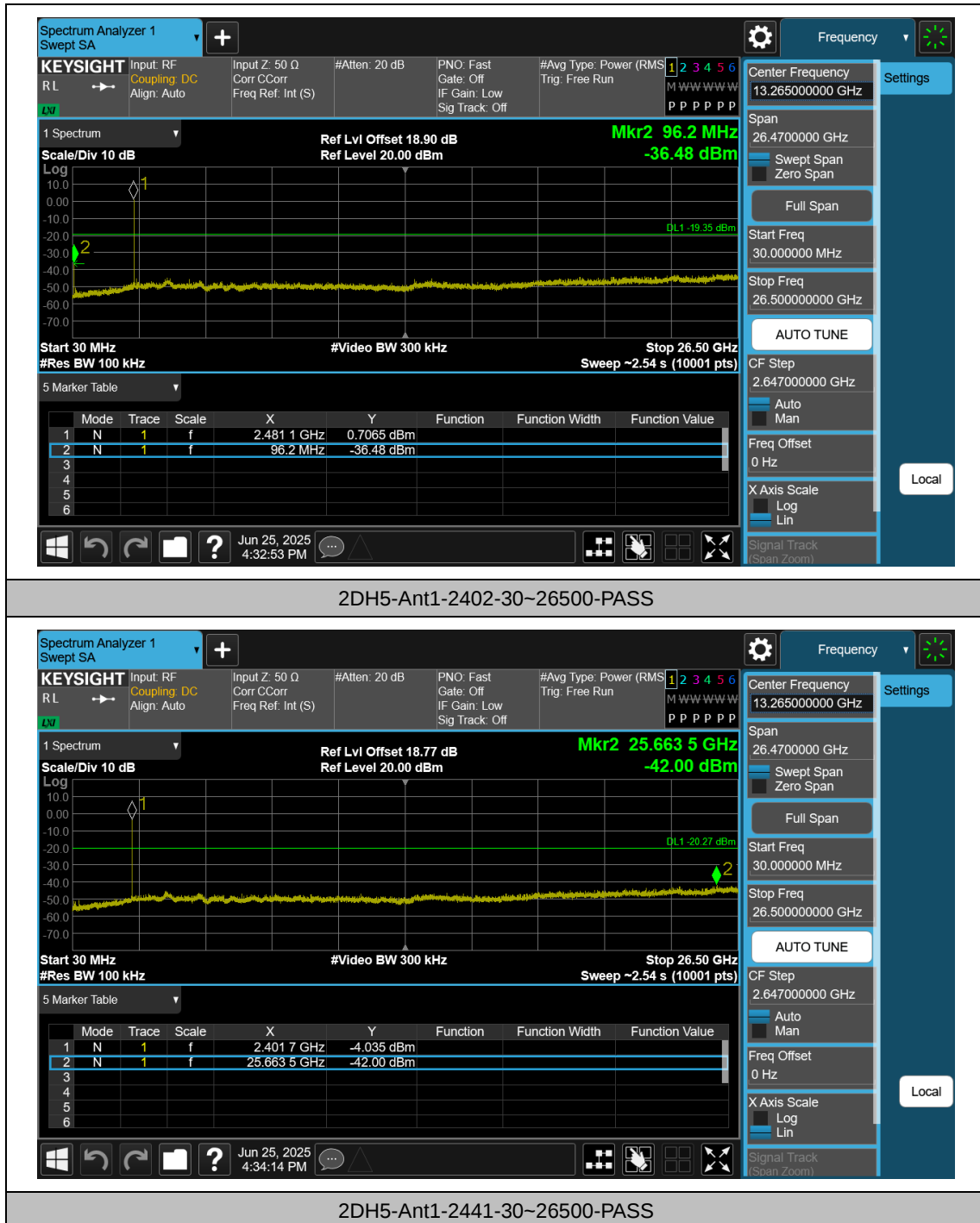
Appendix G: Conducted Spurious Emission

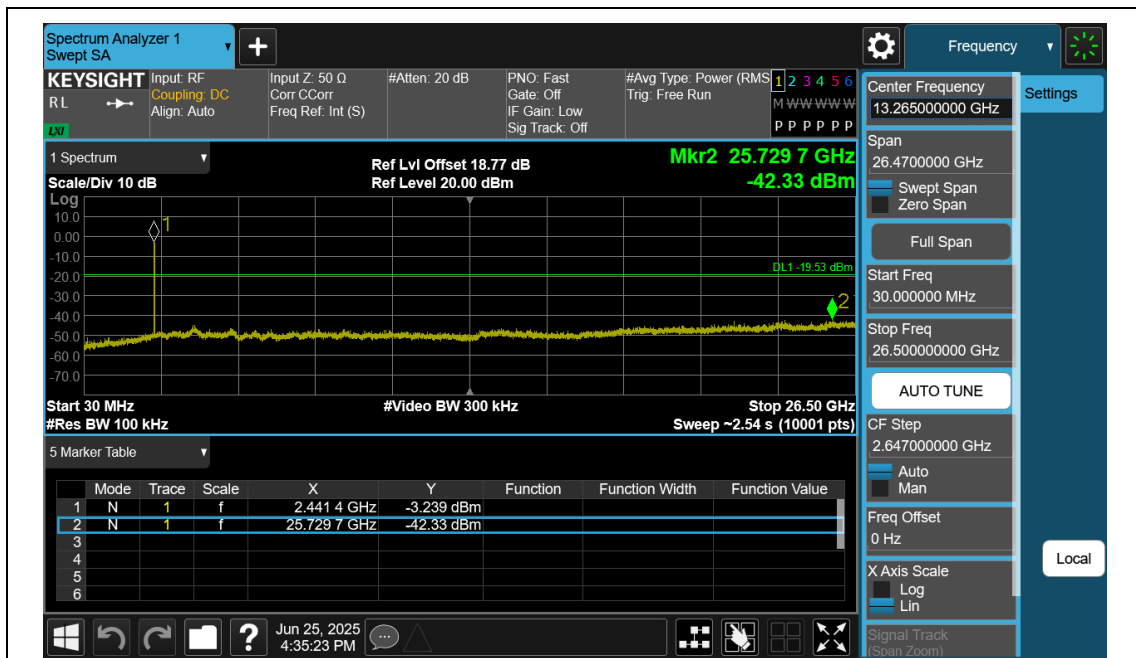
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	30~26500	-0.17	-42.26	≤ -20.17	PASS
DH5	Ant1	2441	30~26500	0.03	-36.63	≤ -19.97	PASS
DH5	Ant1	2480	30~26500	0.65	-36.48	≤ -19.35	PASS
2DH5	Ant1	2402	30~26500	-0.27	-42.01	≤ -20.27	PASS
2DH5	Ant1	2441	30~26500	0.47	-42.34	≤ -19.53	PASS
2DH5	Ant1	2480	30~26500	0.86	-42	≤ -19.14	PASS

Test Graphs







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



Appendix H: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
DH5	Ant1	2402	2401.90	-0.17
DH5	Ant1	2441	2440.91	0.03
DH5	Ant1	2480	2480.22	0.65
2DH5	Ant1	2402	2401.91	-0.27
2DH5	Ant1	2441	2441.22	0.47
2DH5	Ant1	2480	2480.23	0.86

Test Graphs

