

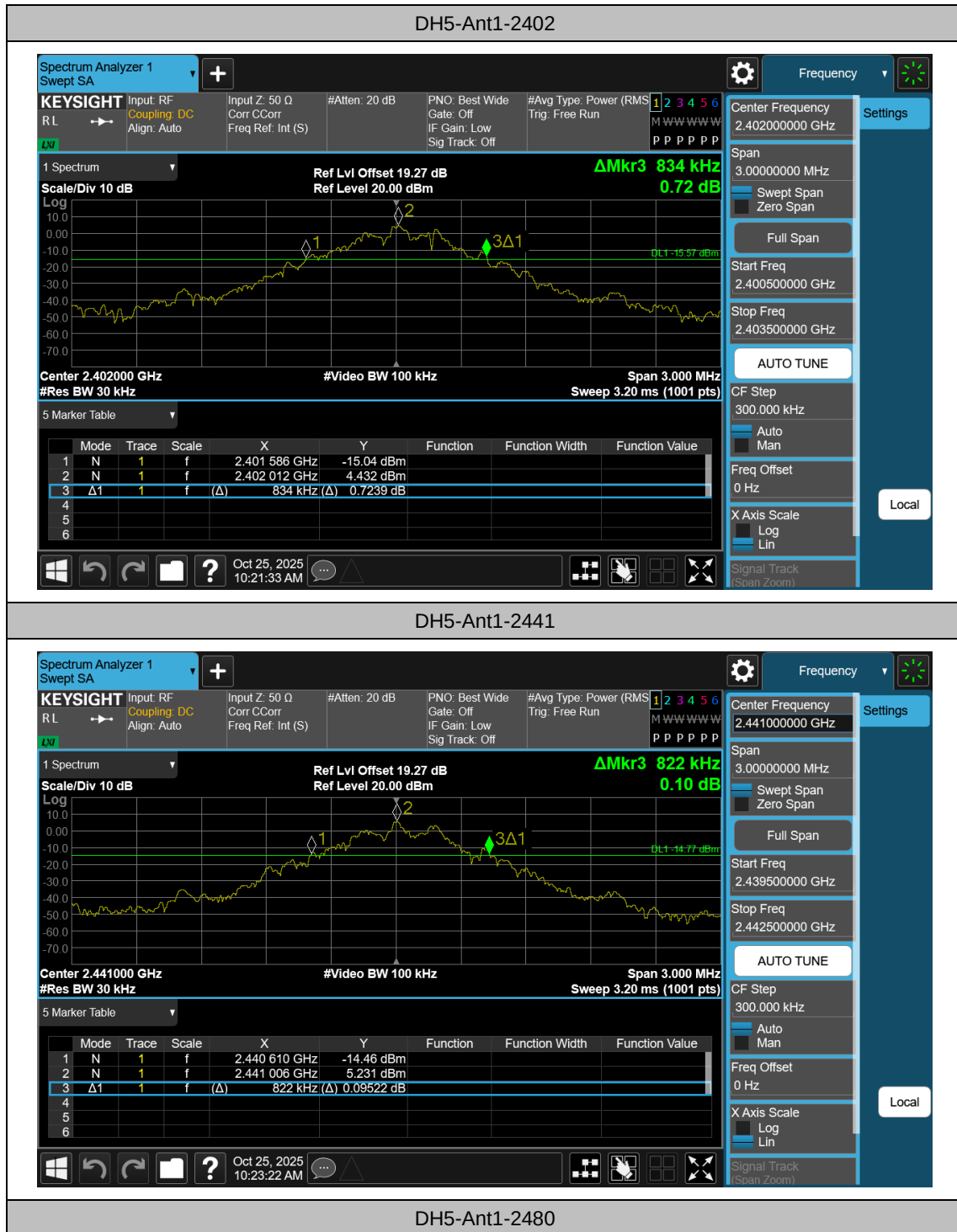
Appendix A: 20dB Emission Bandwidth

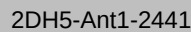
Test Result

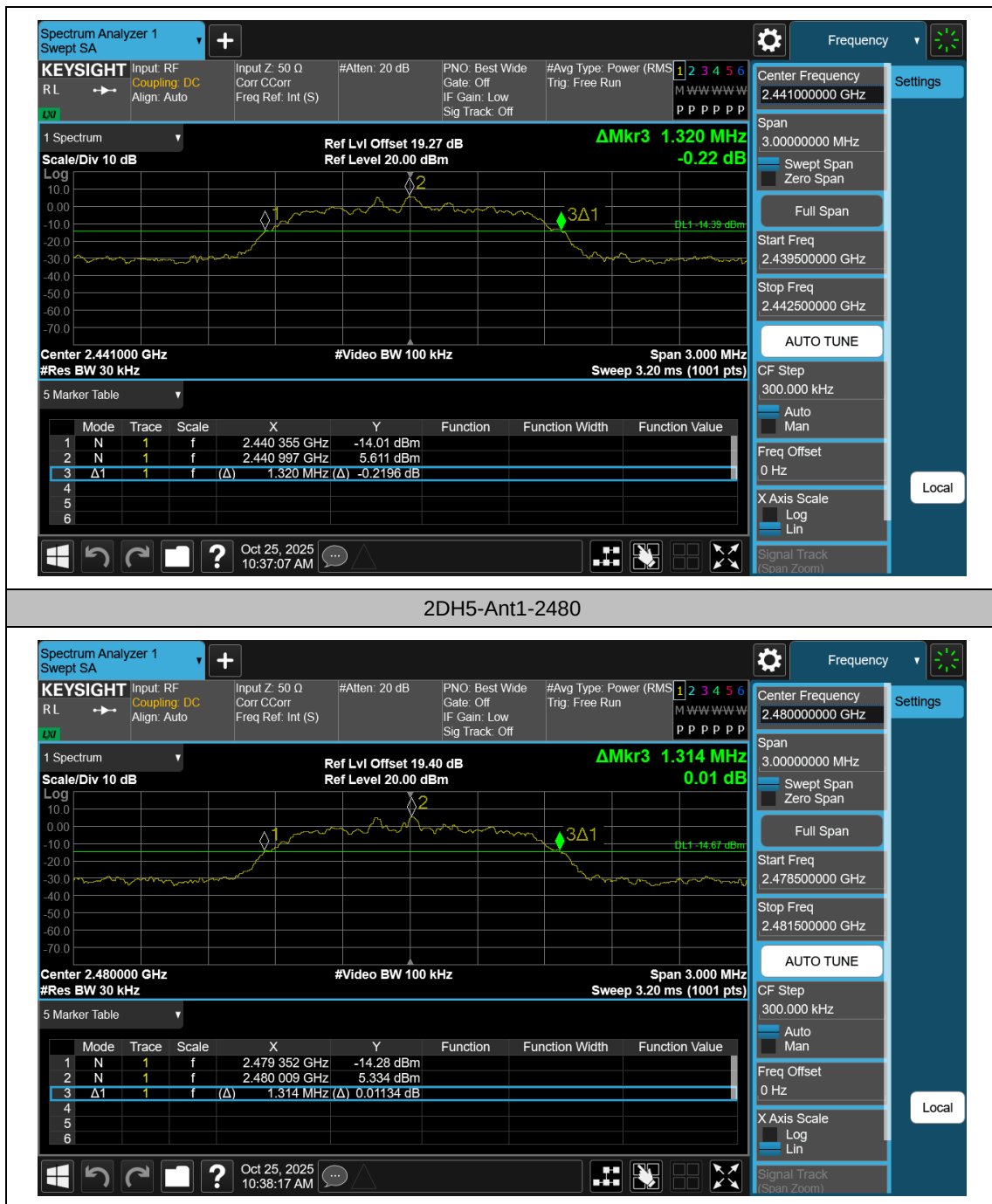
TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.834	2401.586	2402.420	---	---
DH5	Ant1	2441	0.822	2440.610	2441.432	---	---
DH5	Ant1	2480	0.951	2479.547	2480.498	---	---
2DH5	Ant1	2402	1.329	2401.352	2402.681	---	---
2DH5	Ant1	2441	1.320	2440.355	2441.675	---	---
2DH5	Ant1	2480	1.314	2479.352	2480.666	---	---



Test Graphs





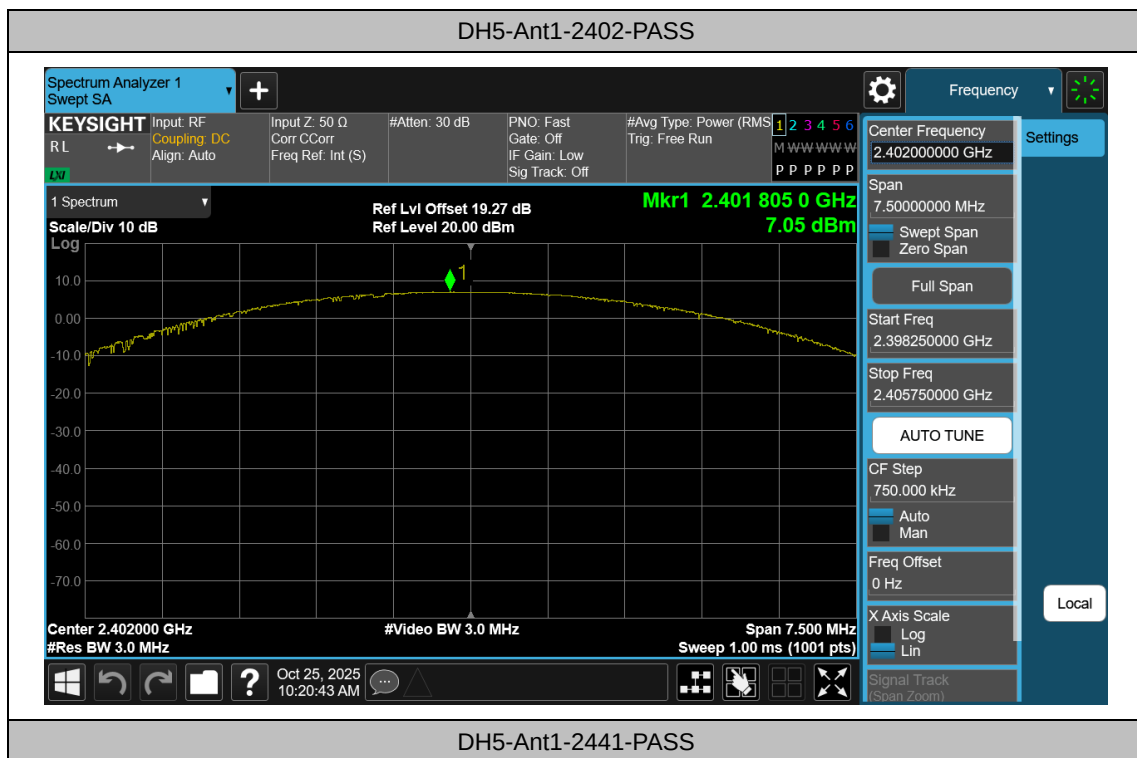


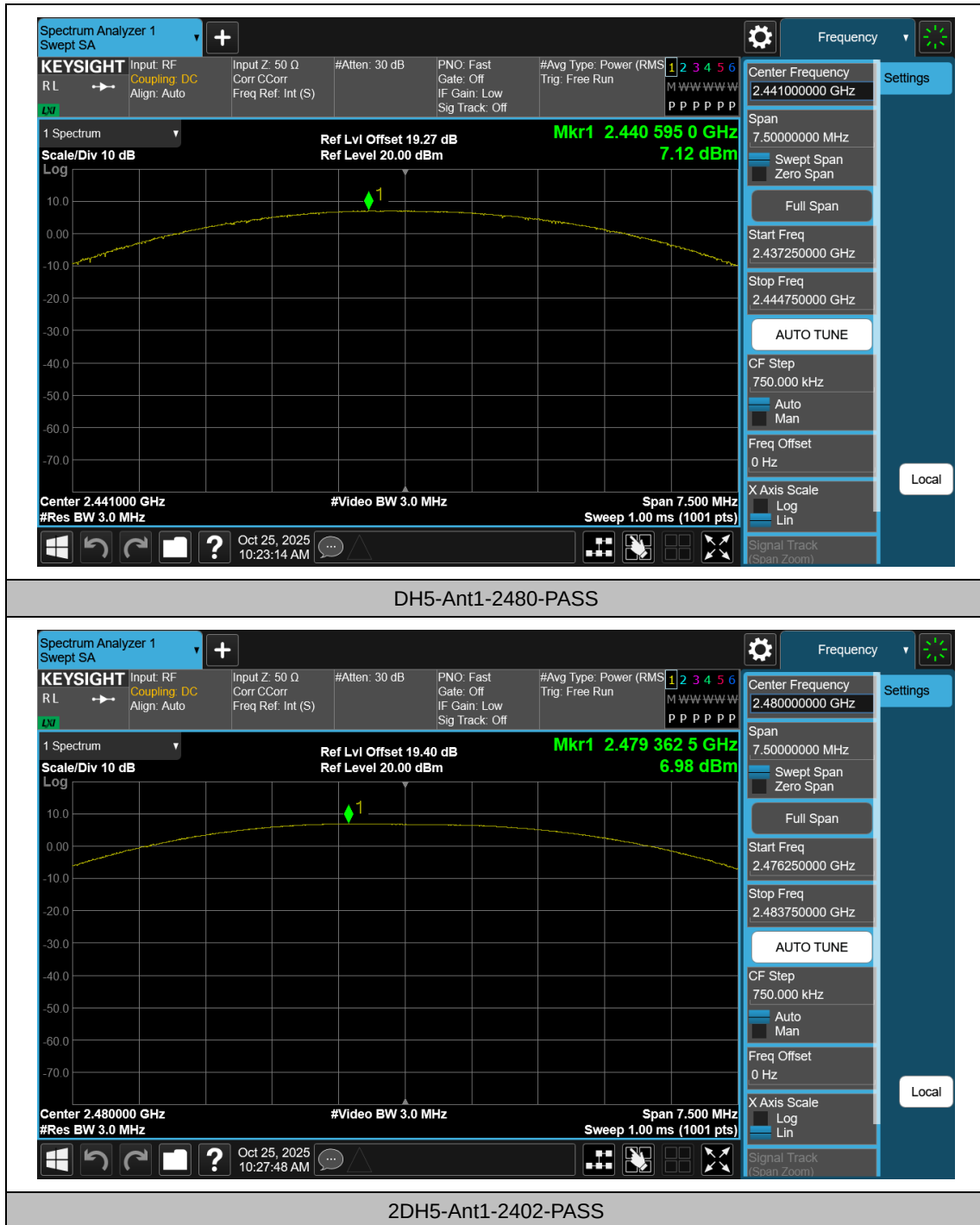
Appendix B: Maximum conducted output power

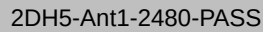
Test Result Peak

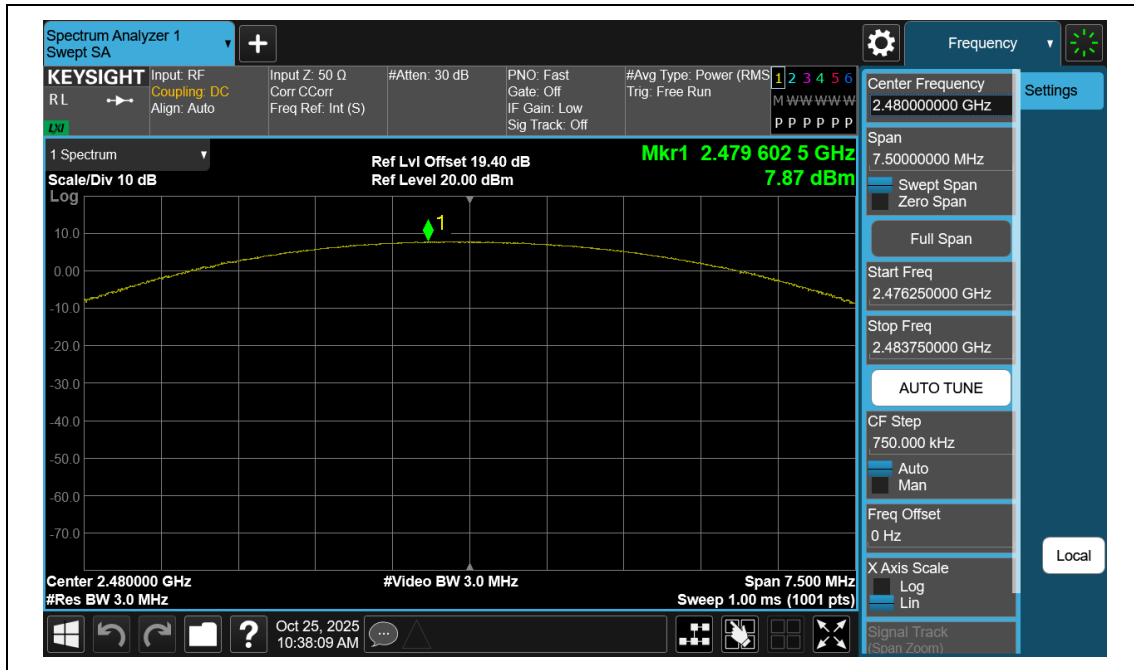
Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	7.05	≤20.97	PASS
DH5	Ant1	2441	7.12	≤20.97	PASS
DH5	Ant1	2480	6.98	≤20.97	PASS
2DH5	Ant1	2402	8.07	≤20.97	PASS
2DH5	Ant1	2441	8.06	≤20.97	PASS
2DH5	Ant1	2480	7.87	≤20.97	PASS

Test Graphs









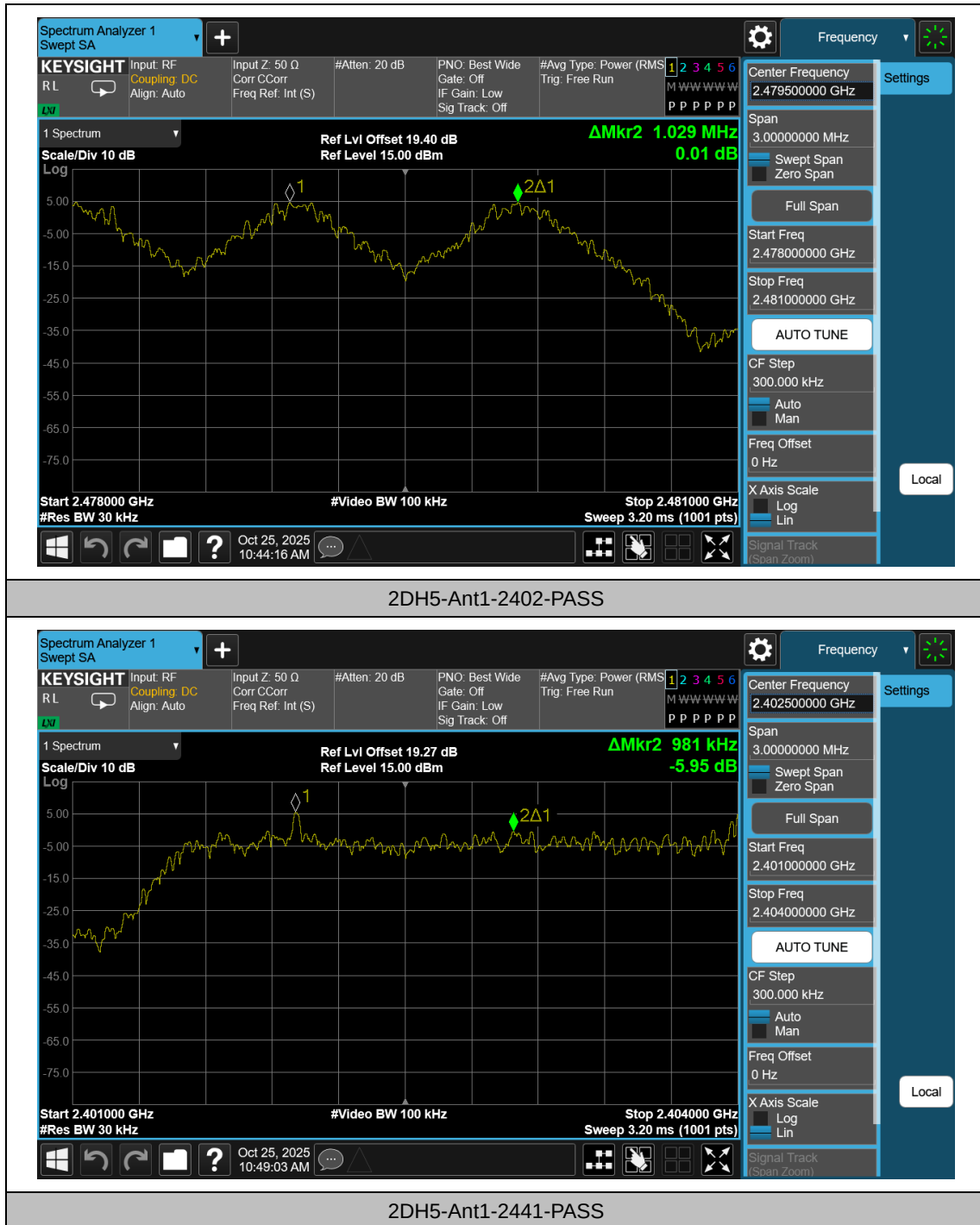
Appendix C: Carrier frequency separation

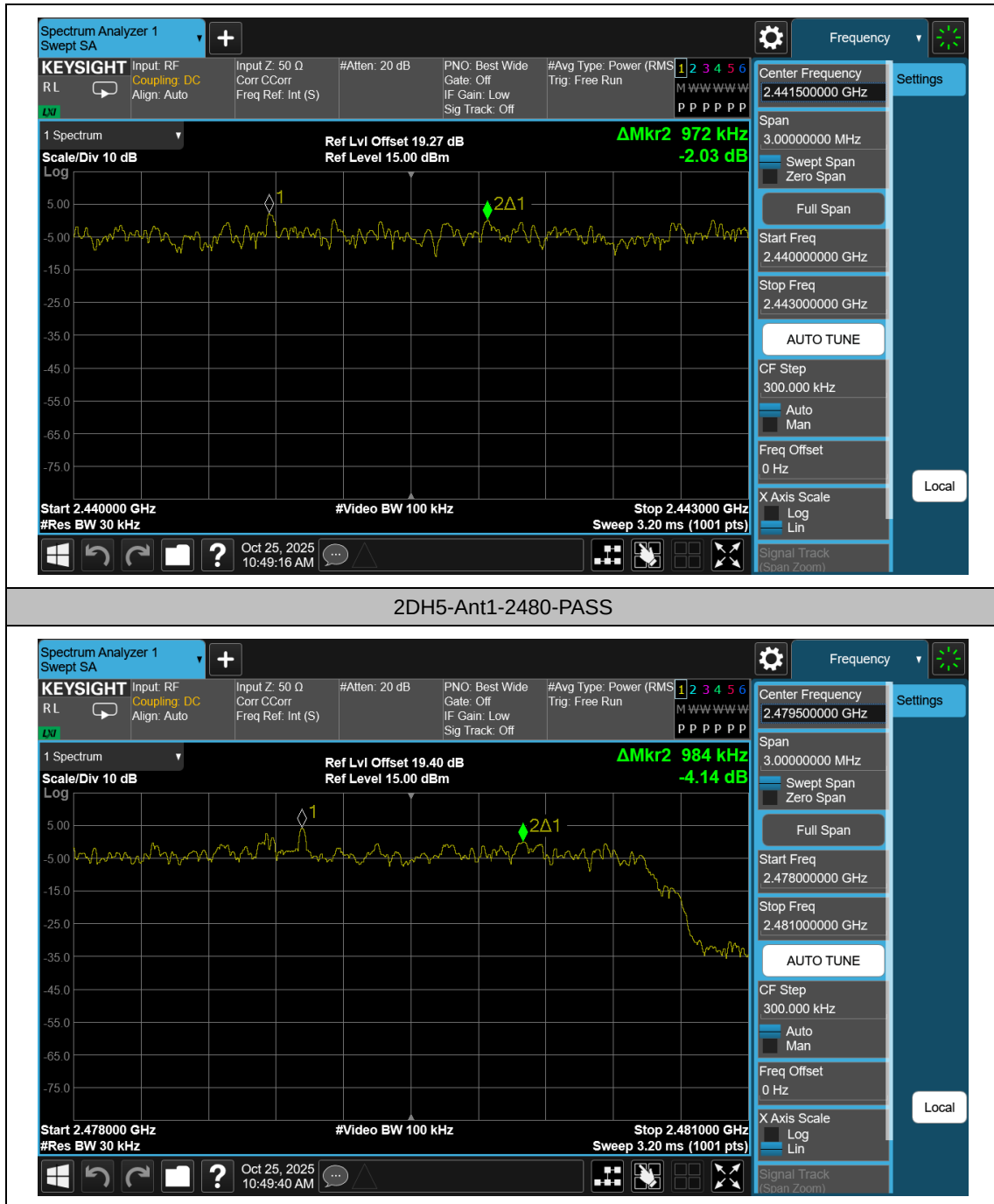
Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.813	≥ 0.634	PASS
DH5	Ant1	2441	0.978	≥ 0.634	PASS
DH5	Ant1	2480	1.029	≥ 0.634	PASS
2DH5	Ant1	2402	0.981	≥ 0.886	PASS
2DH5	Ant1	2441	0.972	≥ 0.886	PASS
2DH5	Ant1	2480	0.984	≥ 0.886	PASS

Test Graphs





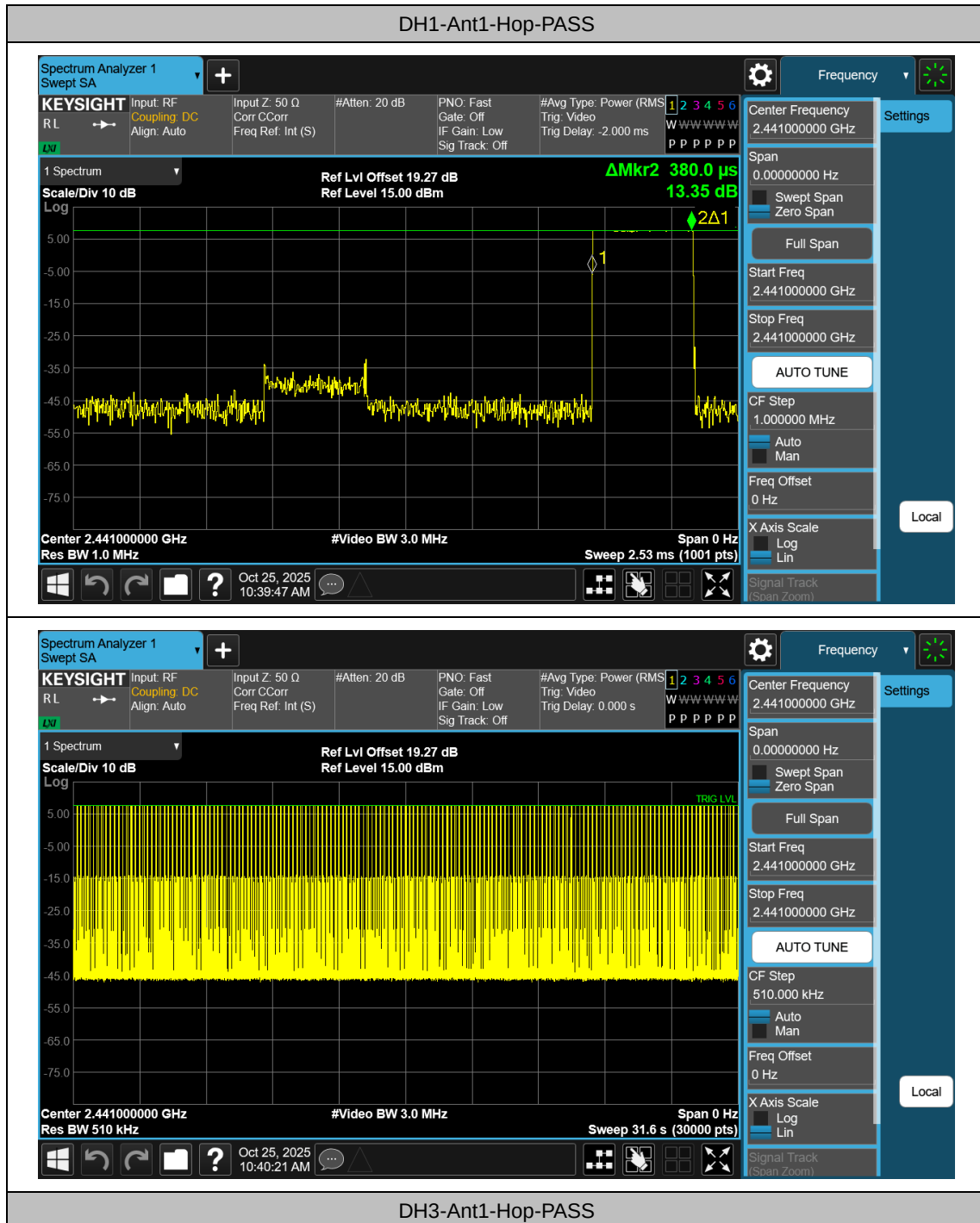


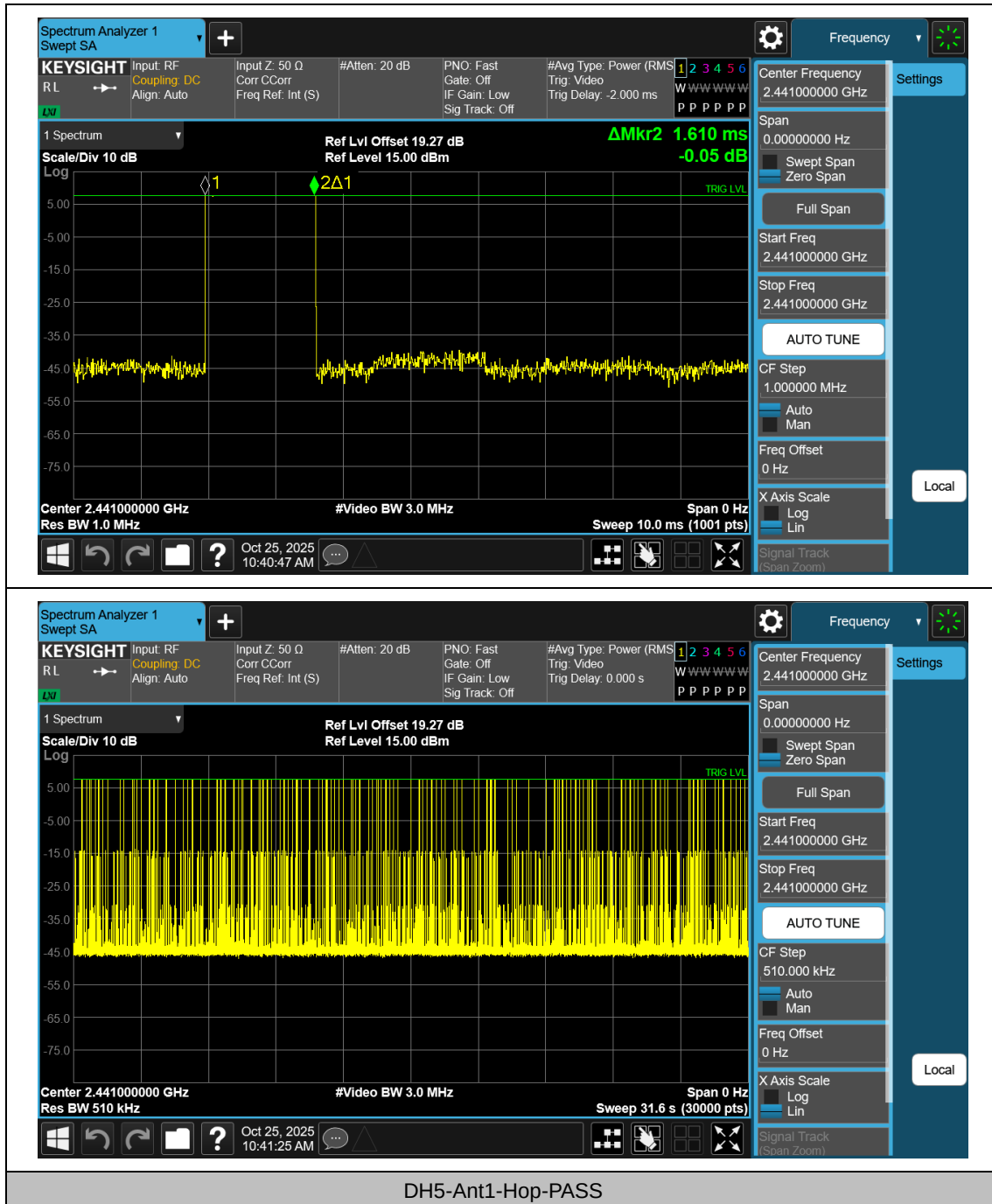
Appendix D: Time of occupancy

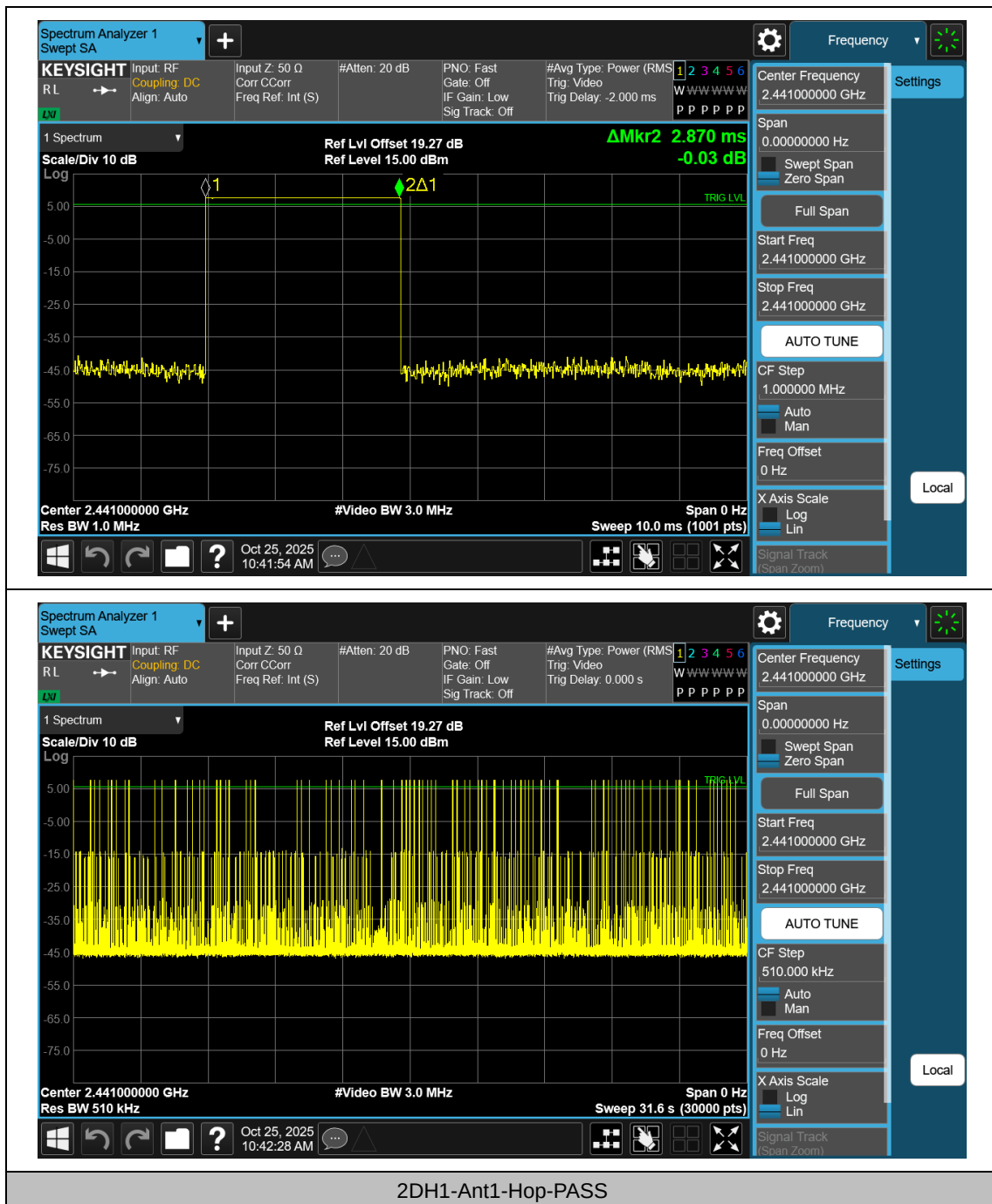
Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.380	317	0.120	≤0.4	PASS
DH3	Ant1	Hop	1.610	153	0.246	≤0.4	PASS
DH5	Ant1	Hop	2.870	102	0.293	≤0.4	PASS
2DH1	Ant1	Hop	0.388	317	0.123	≤0.4	PASS
2DH3	Ant1	Hop	1.630	153	0.249	≤0.4	PASS
2DH5	Ant1	Hop	2.880	112	0.323	≤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 19.27 dB

Ref Level 15.00 dBm

Scale/Div 10 dB

Log

Center 2.441000000 GHz

#Video BW 3.0 MHz

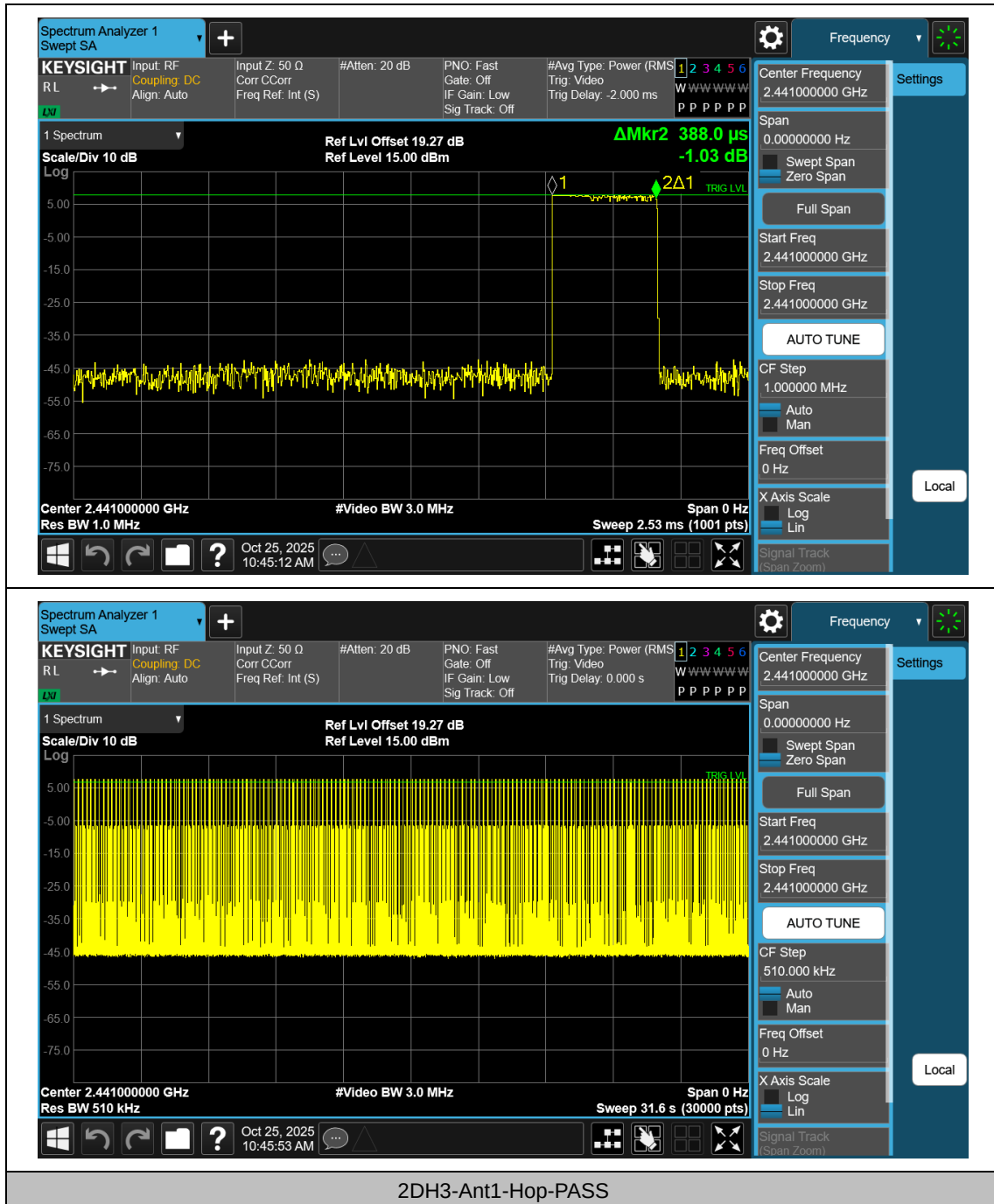
Span 0 Hz

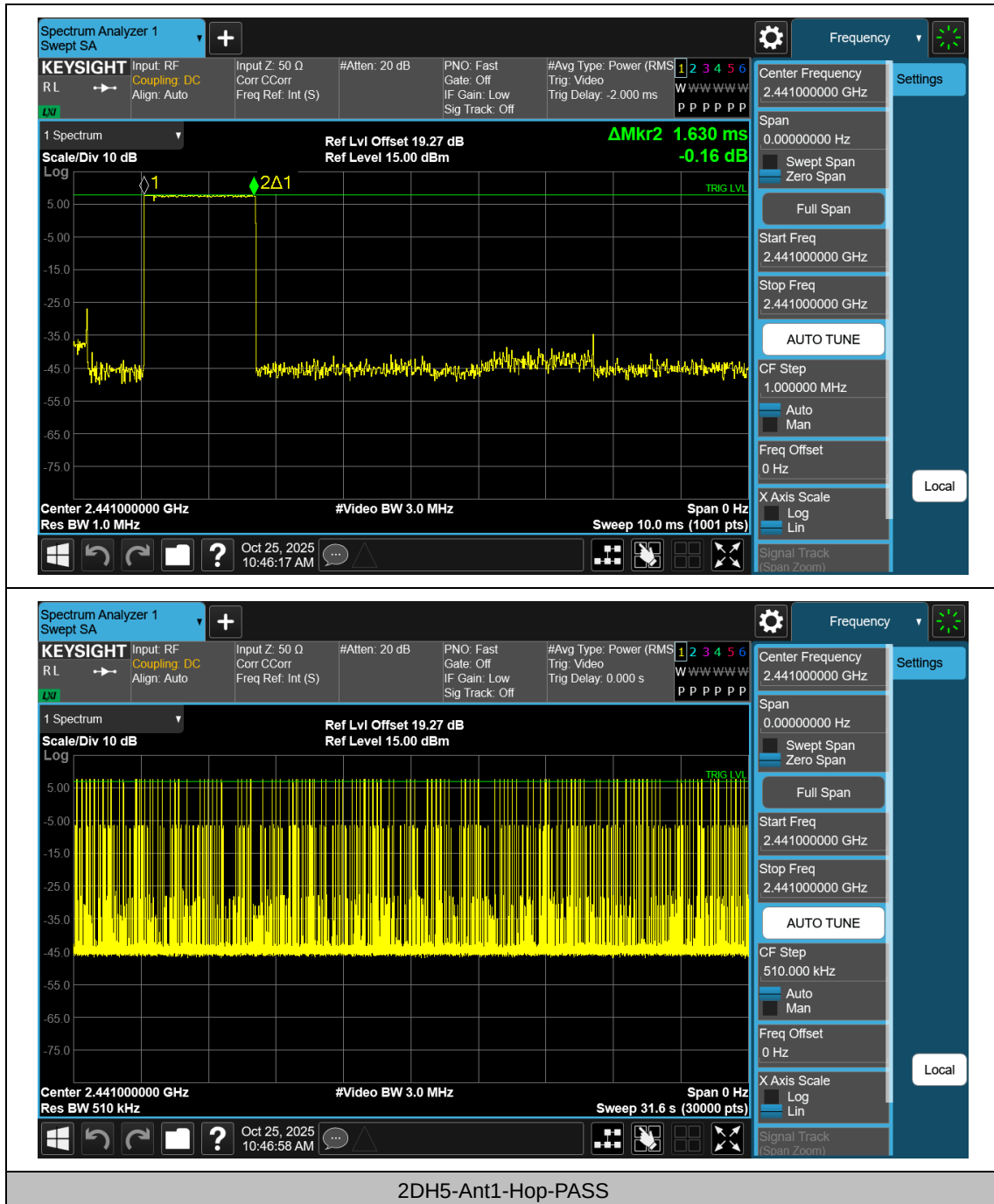
Res BW 510 kHz

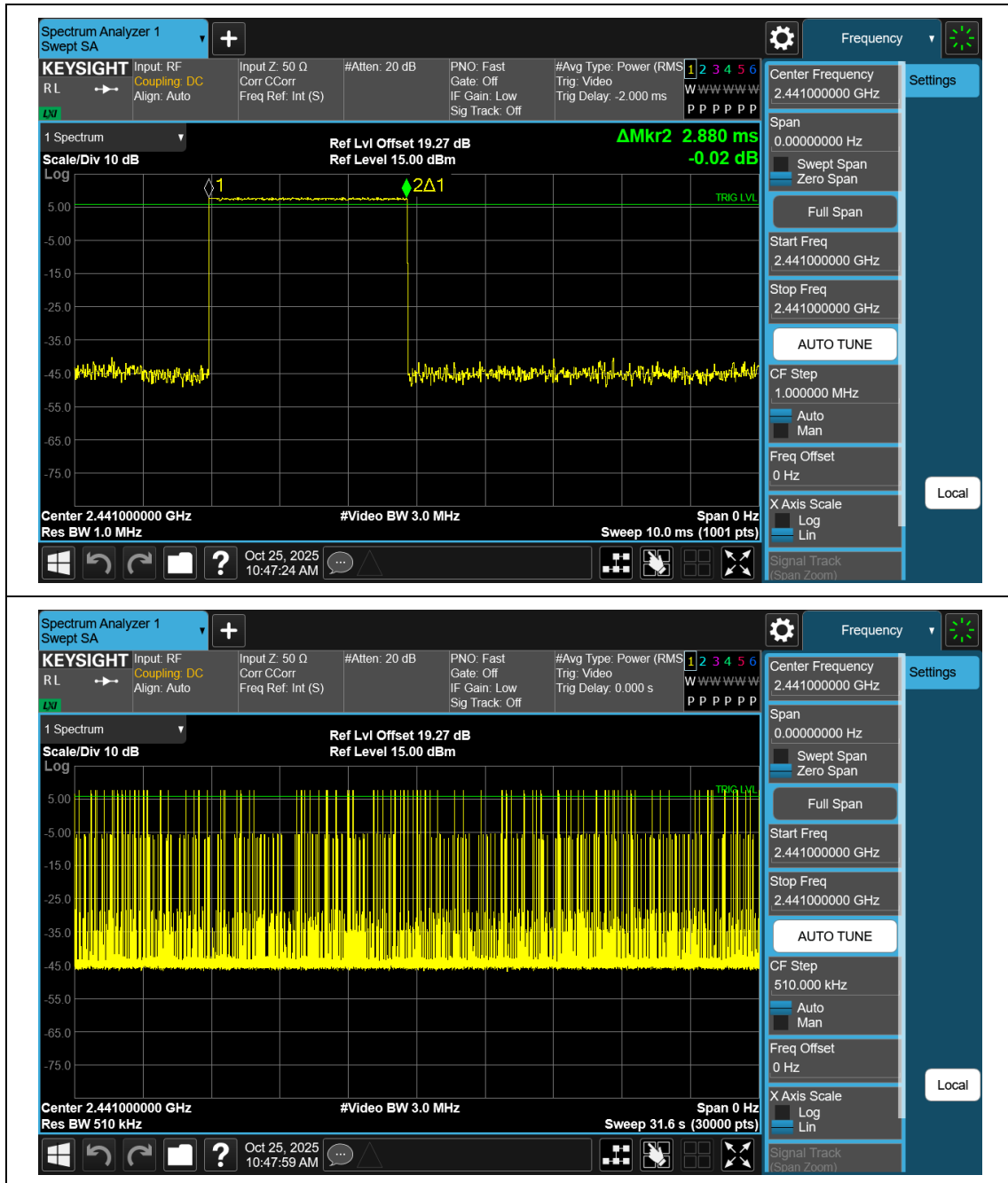
Sweep 31.6 s (30000 pts)

Oct 25, 2025 10:42:28 AM

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

Test Graphs

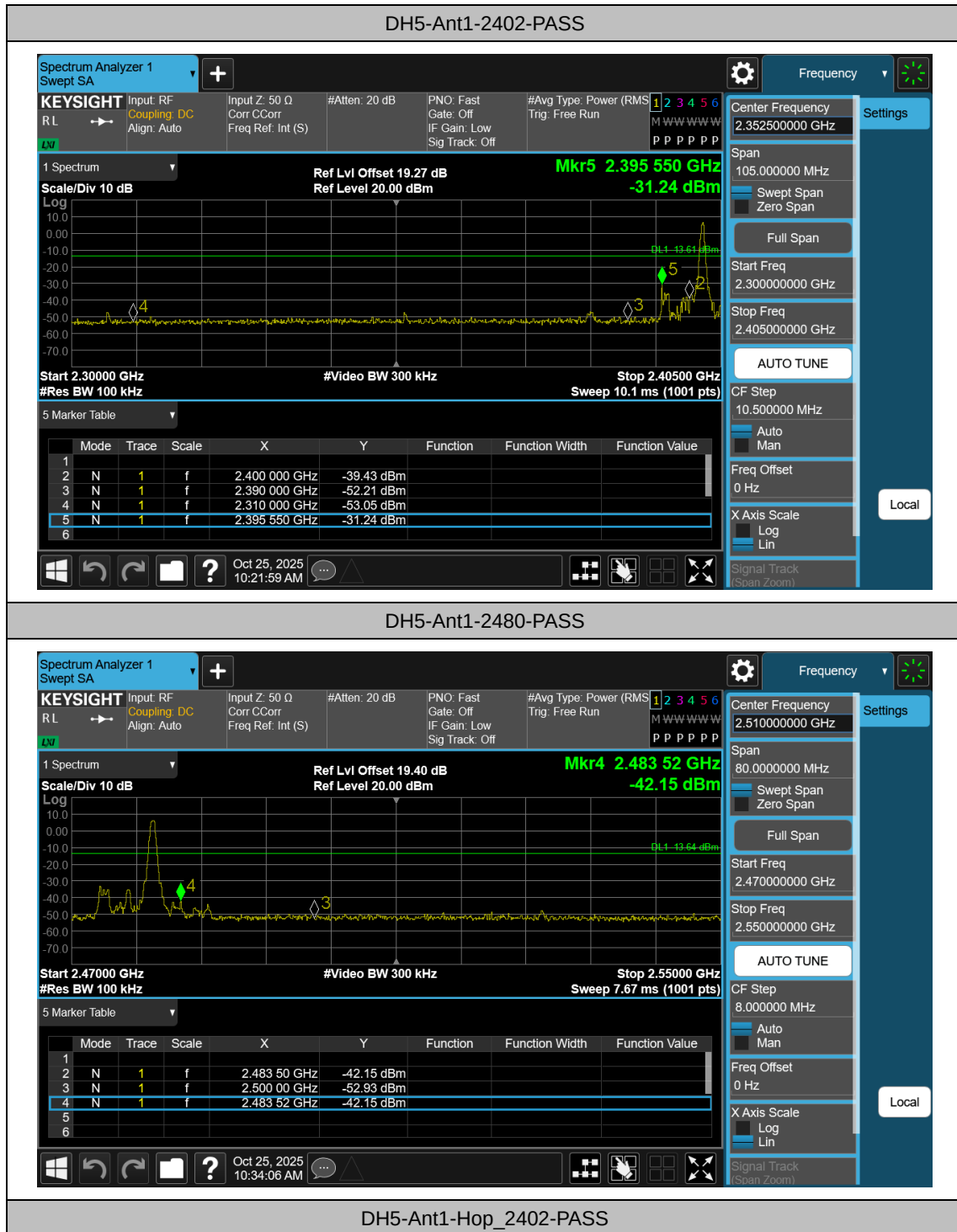


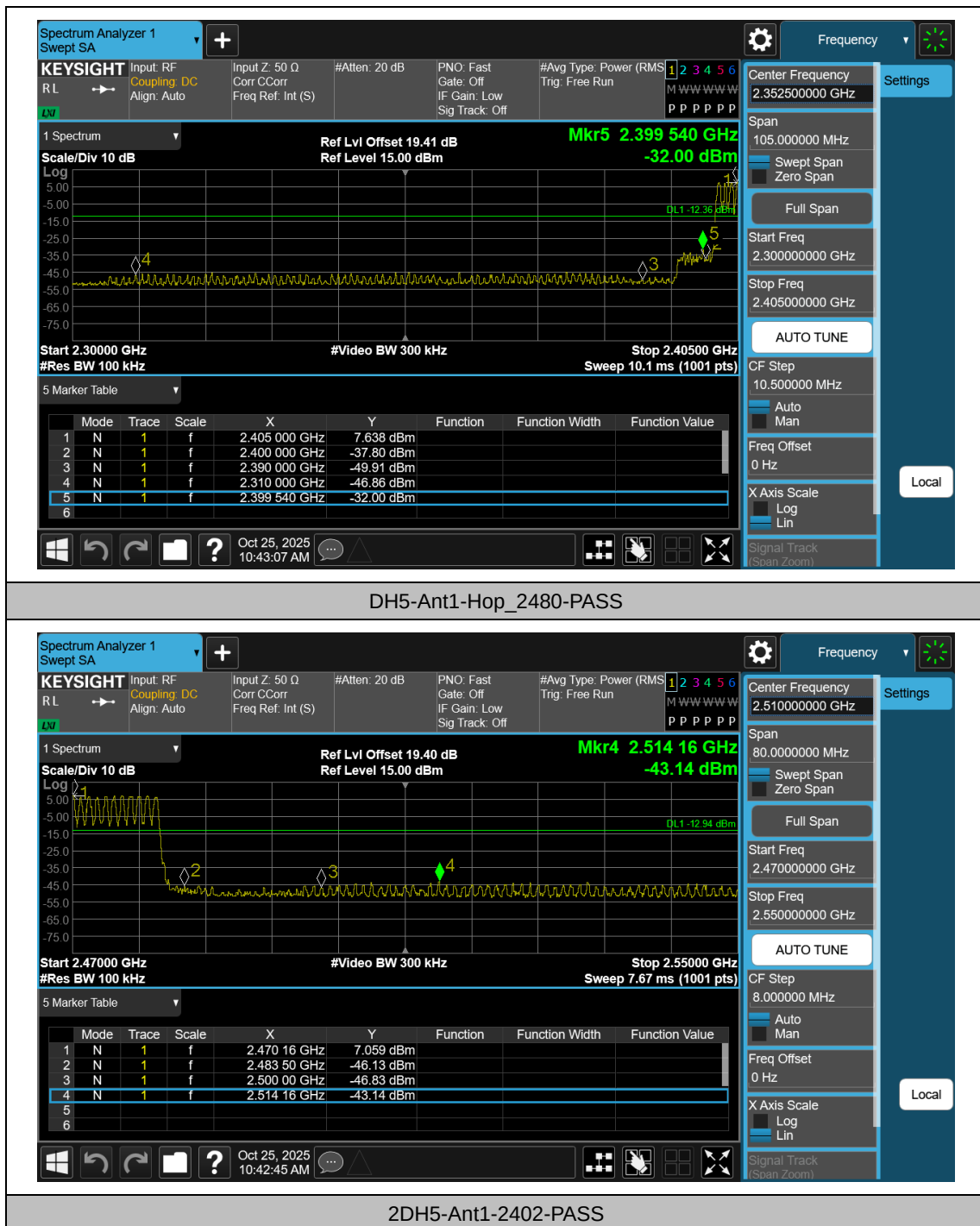
Appendix F: Band edge measurements

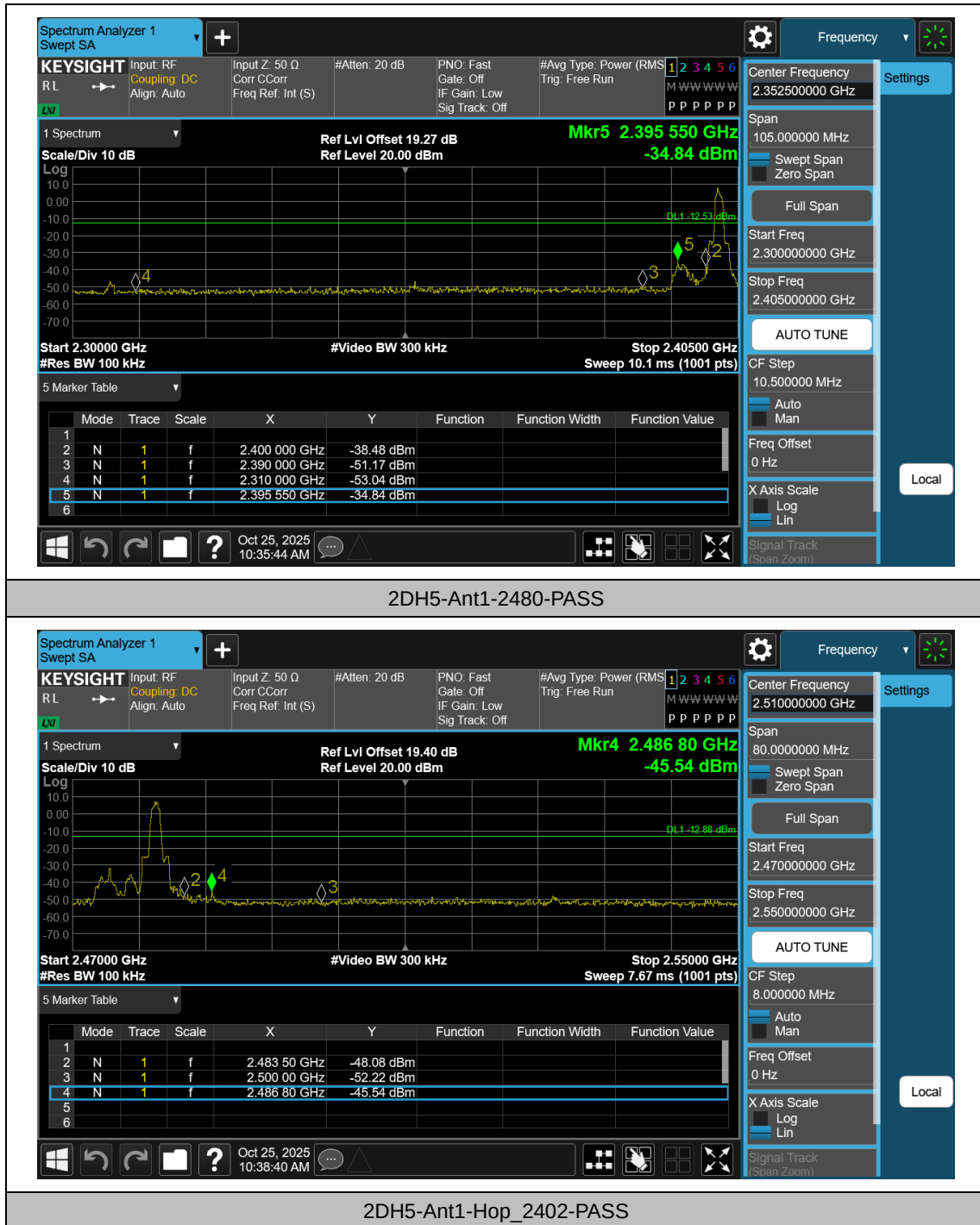
Test Result

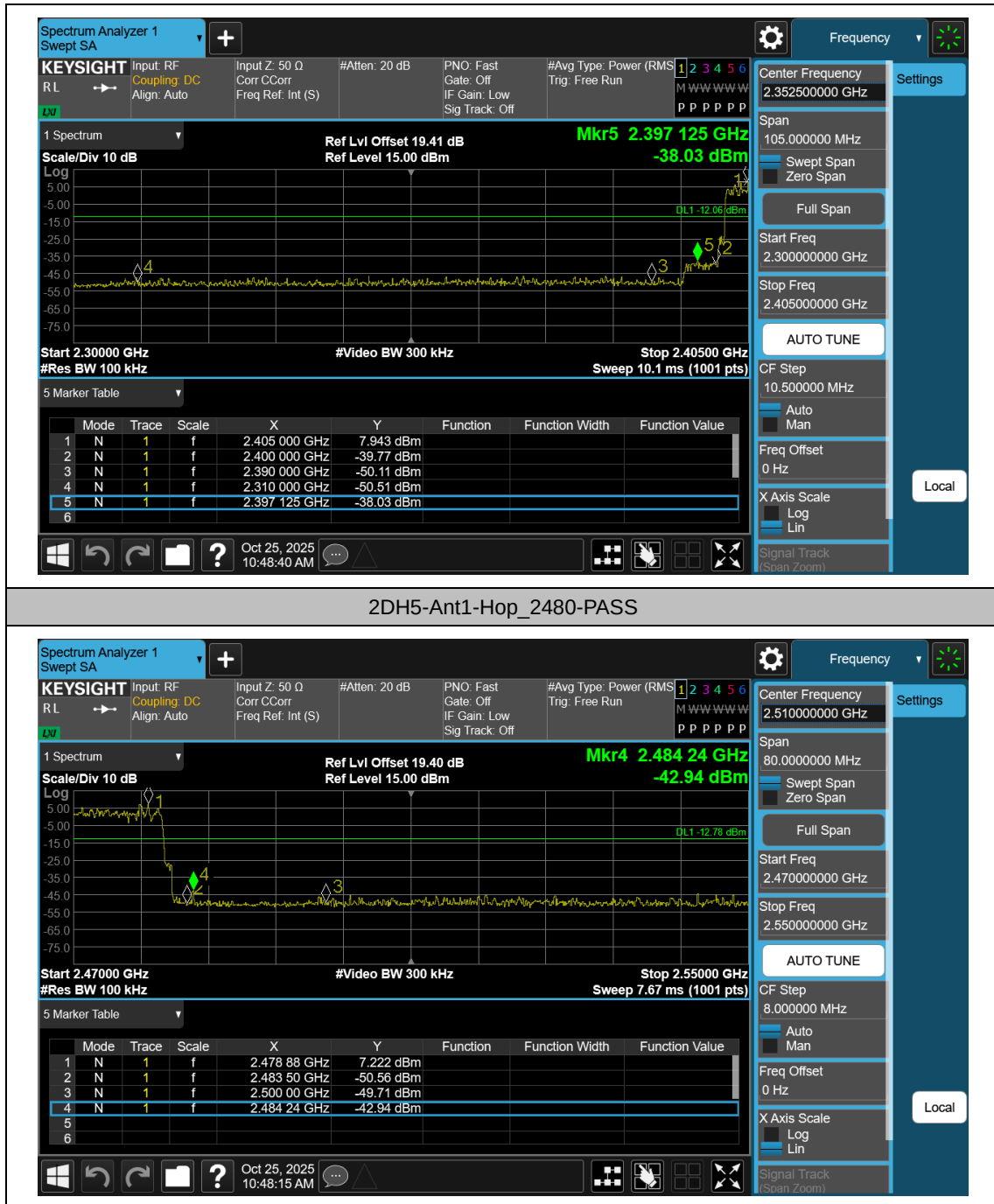
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	6.39	-31.24	≤ -13.61	PASS
DH5	Ant1	High	2480	6.36	-42.15	≤ -13.64	PASS
DH5	Ant1	Low	Hop_2402	7.64	-32.00	≤ -12.36	PASS
DH5	Ant1	High	Hop_2480	7.06	-43.14	≤ -12.94	PASS
2DH5	Ant1	Low	2402	7.47	-34.84	≤ -12.53	PASS
2DH5	Ant1	High	2480	7.12	-45.54	≤ -12.88	PASS
2DH5	Ant1	Low	Hop_2402	7.94	-38.03	≤ -12.06	PASS
2DH5	Ant1	High	Hop_2480	7.22	-42.94	≤ -12.78	PASS

Test Graphs







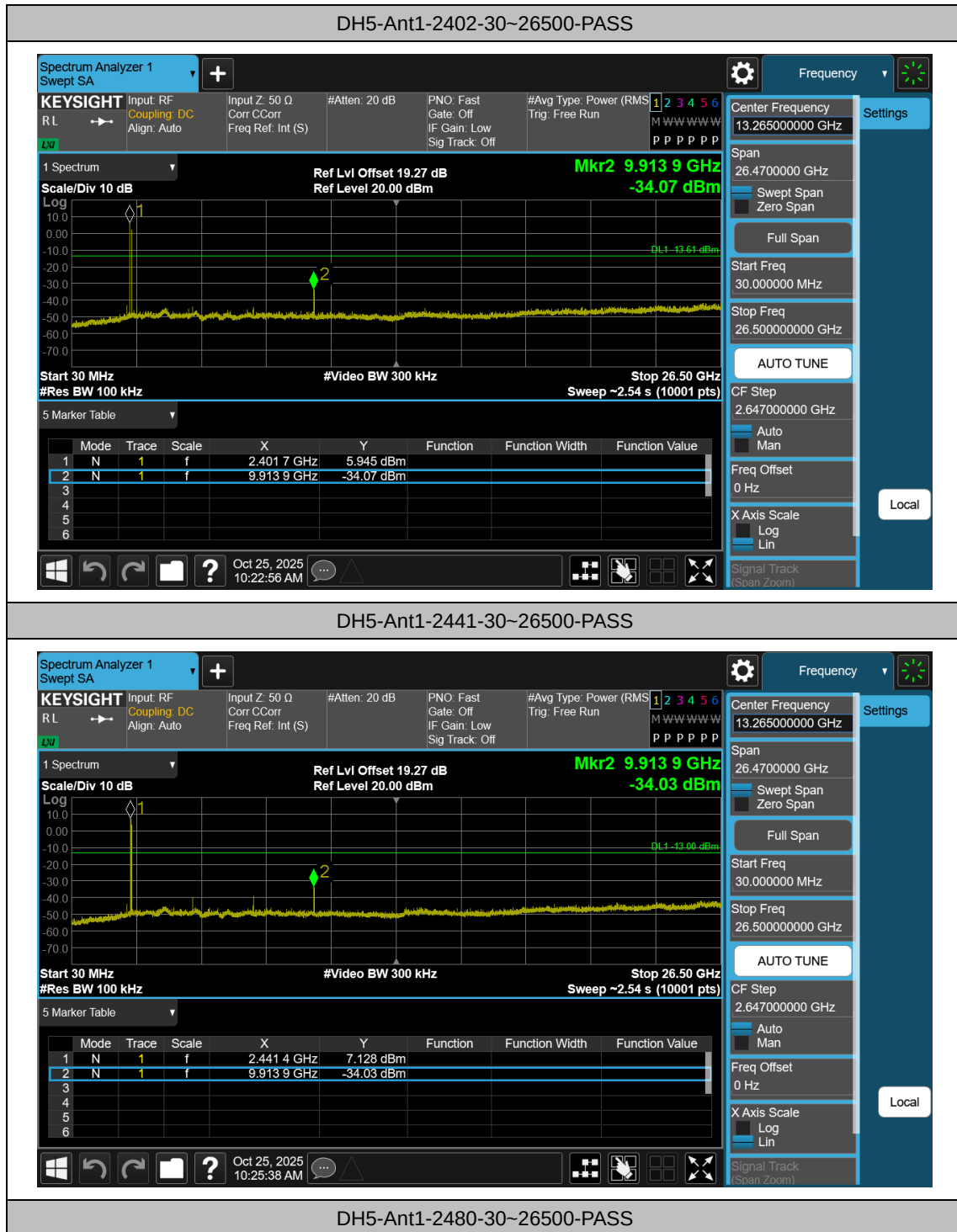


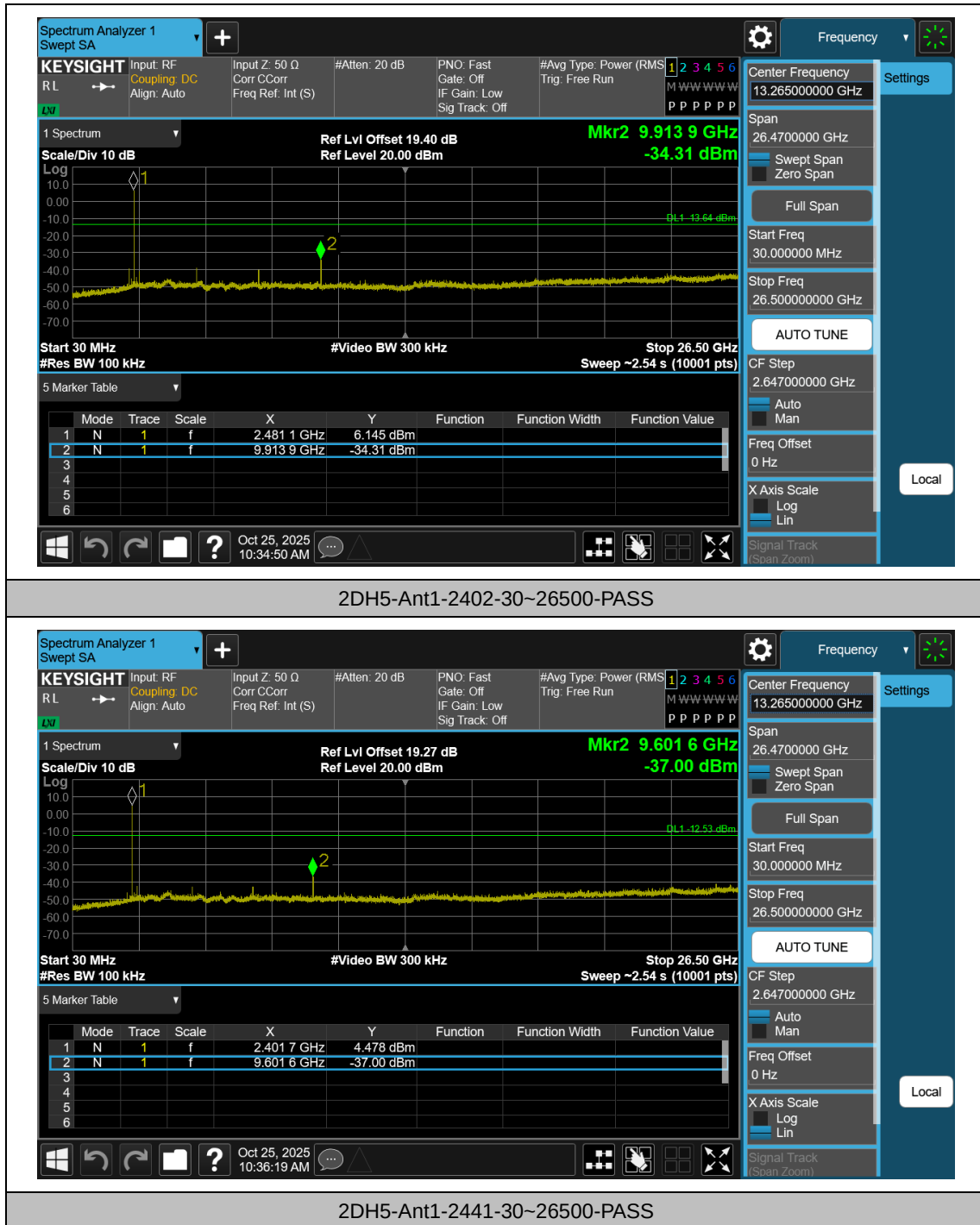
Appendix G: Conducted Spurious Emission

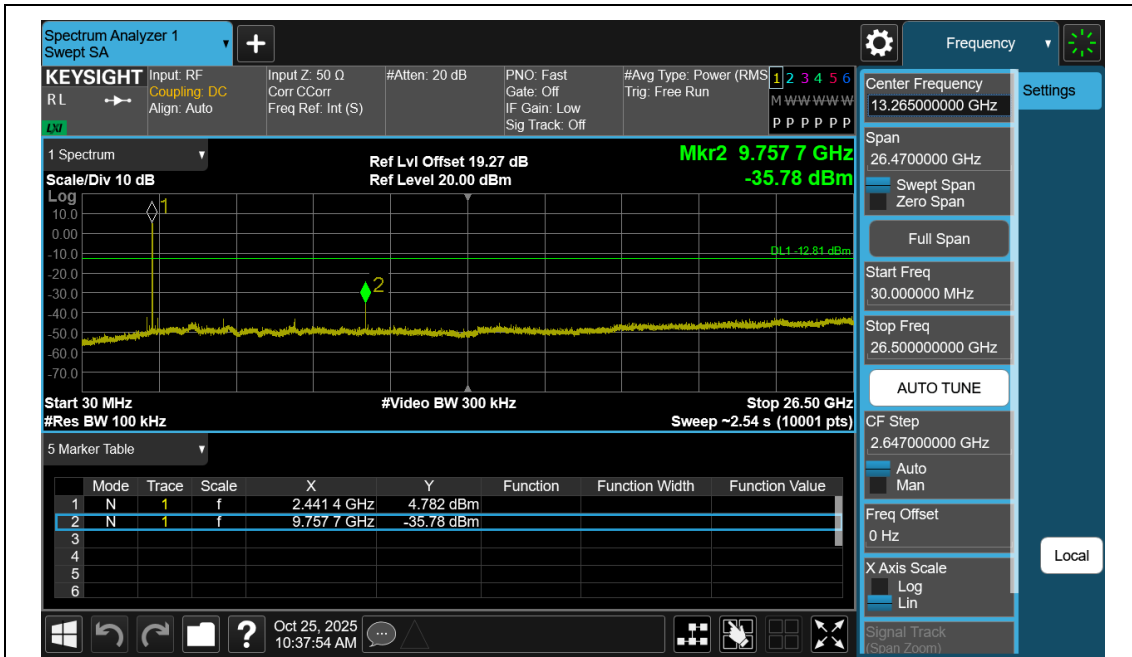
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	30~26500	6.39	-34.07	≤-13.61	PASS
DH5	Ant1	2441	30~26500	7.00	-34.03	≤-13.00	PASS
DH5	Ant1	2480	30~26500	6.36	-34.31	≤-13.64	PASS
2DH5	Ant1	2402	30~26500	7.47	-37.00	≤-12.53	PASS
2DH5	Ant1	2441	30~26500	7.19	-35.78	≤-12.81	PASS
2DH5	Ant1	2480	30~26500	7.12	-34.74	≤-12.88	PASS

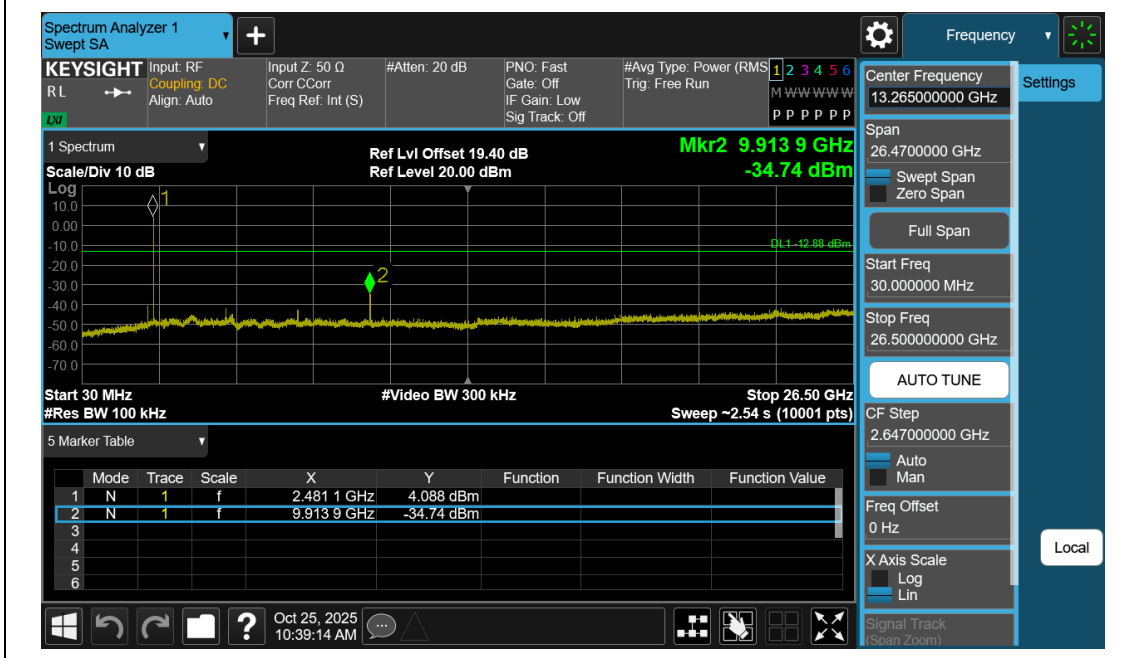
Test Graphs







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

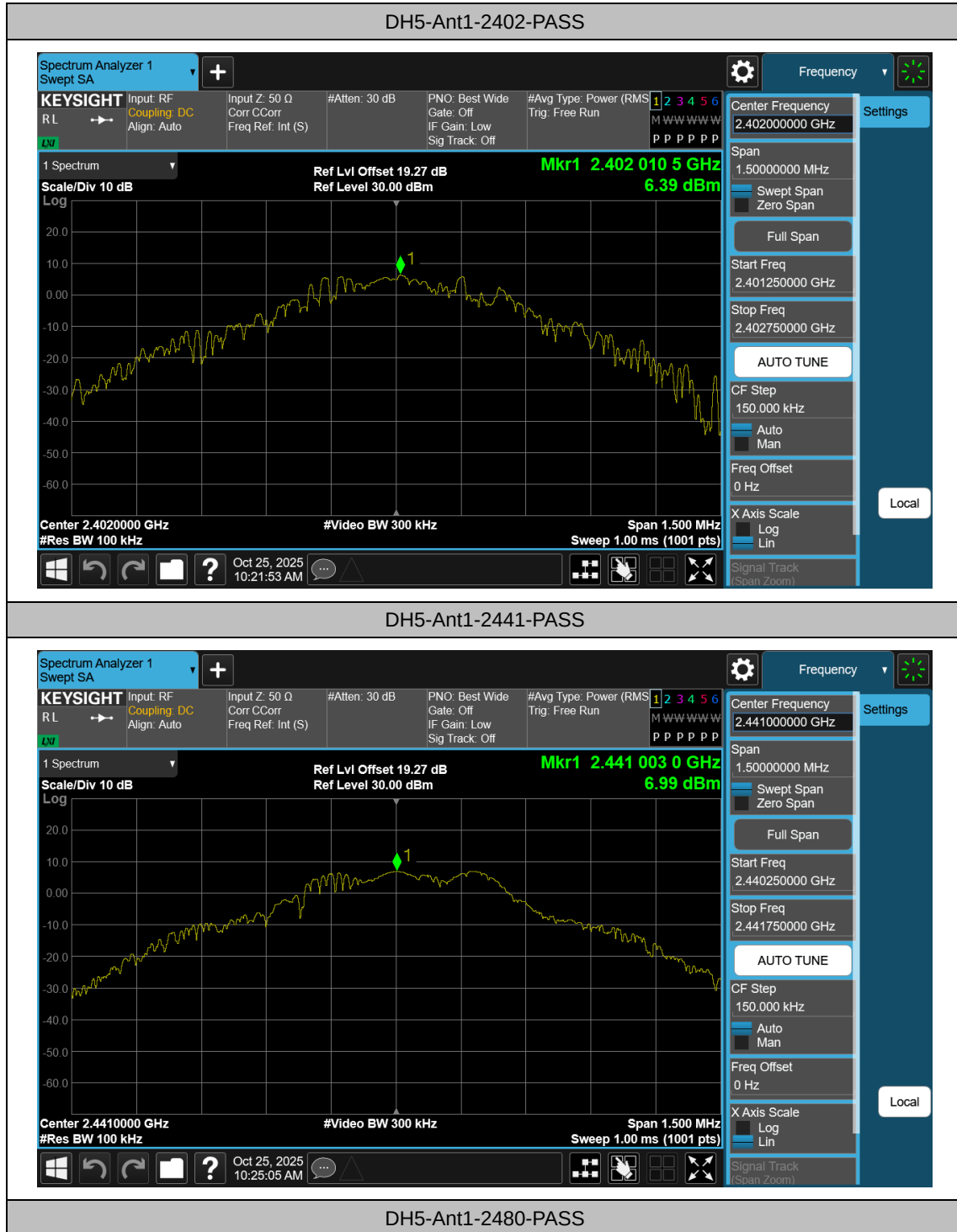


Appendix H: Reference level measurement

Test Result

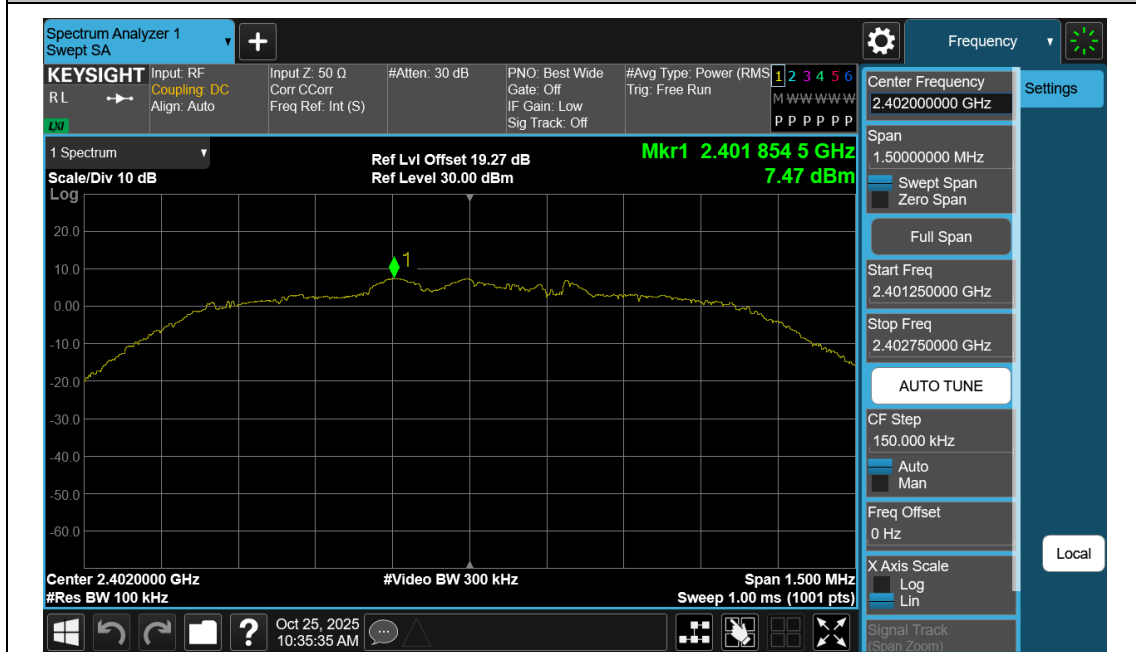
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
DH5	Ant1	2402	2402.01	6.39
DH5	Ant1	2441	2441.00	7.00
DH5	Ant1	2480	2480.00	6.36
2DH5	Ant1	2402	2401.85	7.47
2DH5	Ant1	2441	2440.87	7.19
2DH5	Ant1	2480	2479.86	7.12

Test Graphs





2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS

