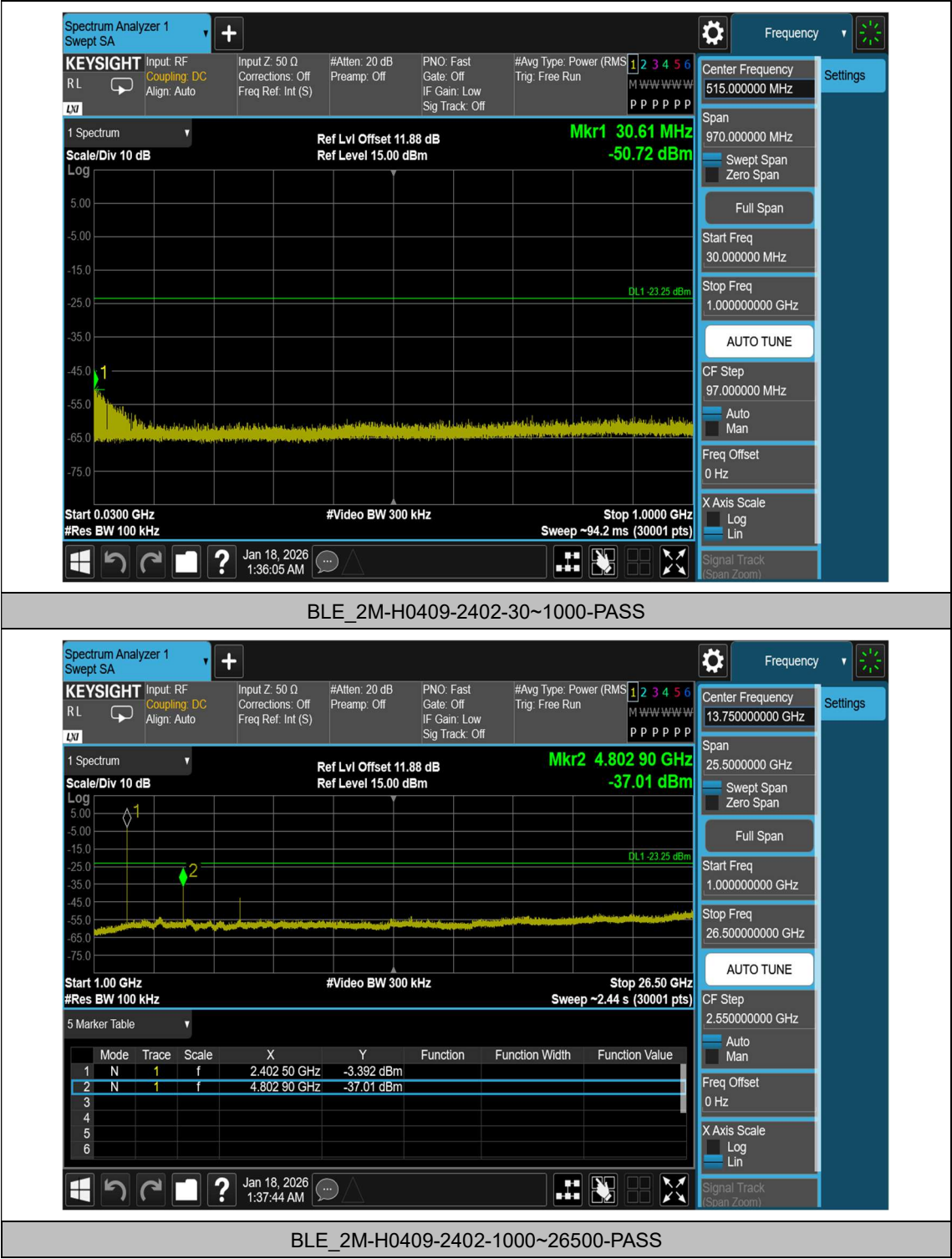
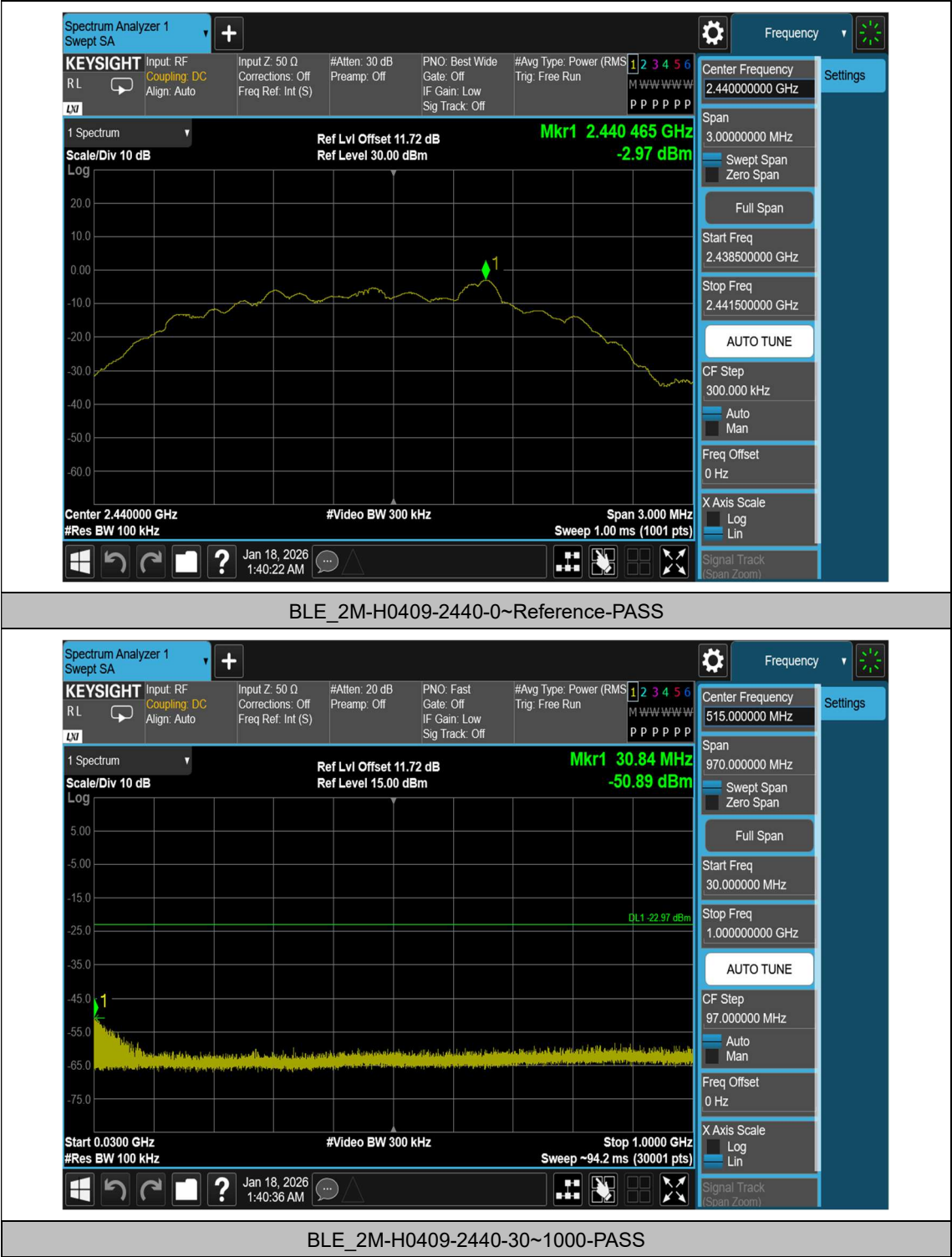
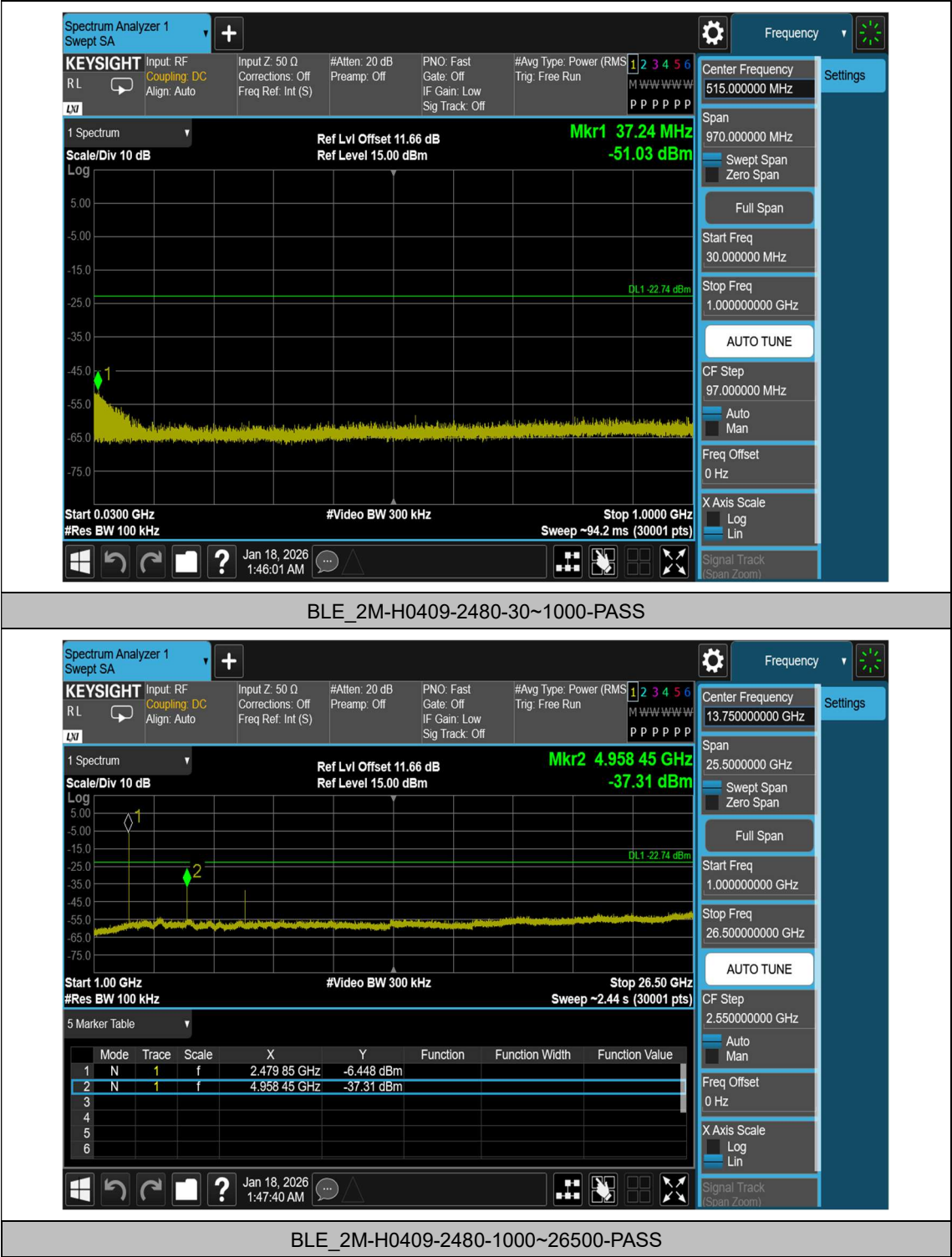
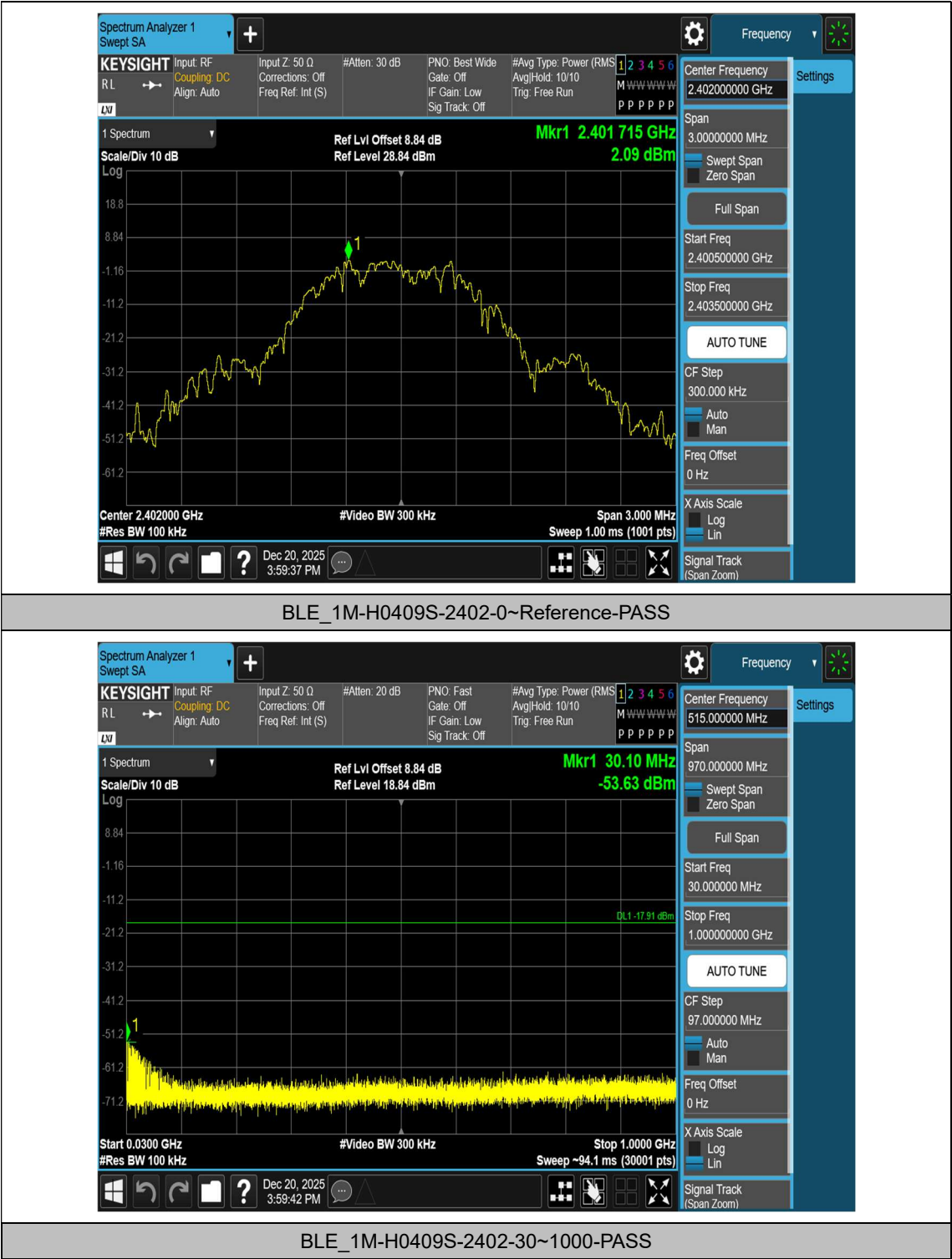


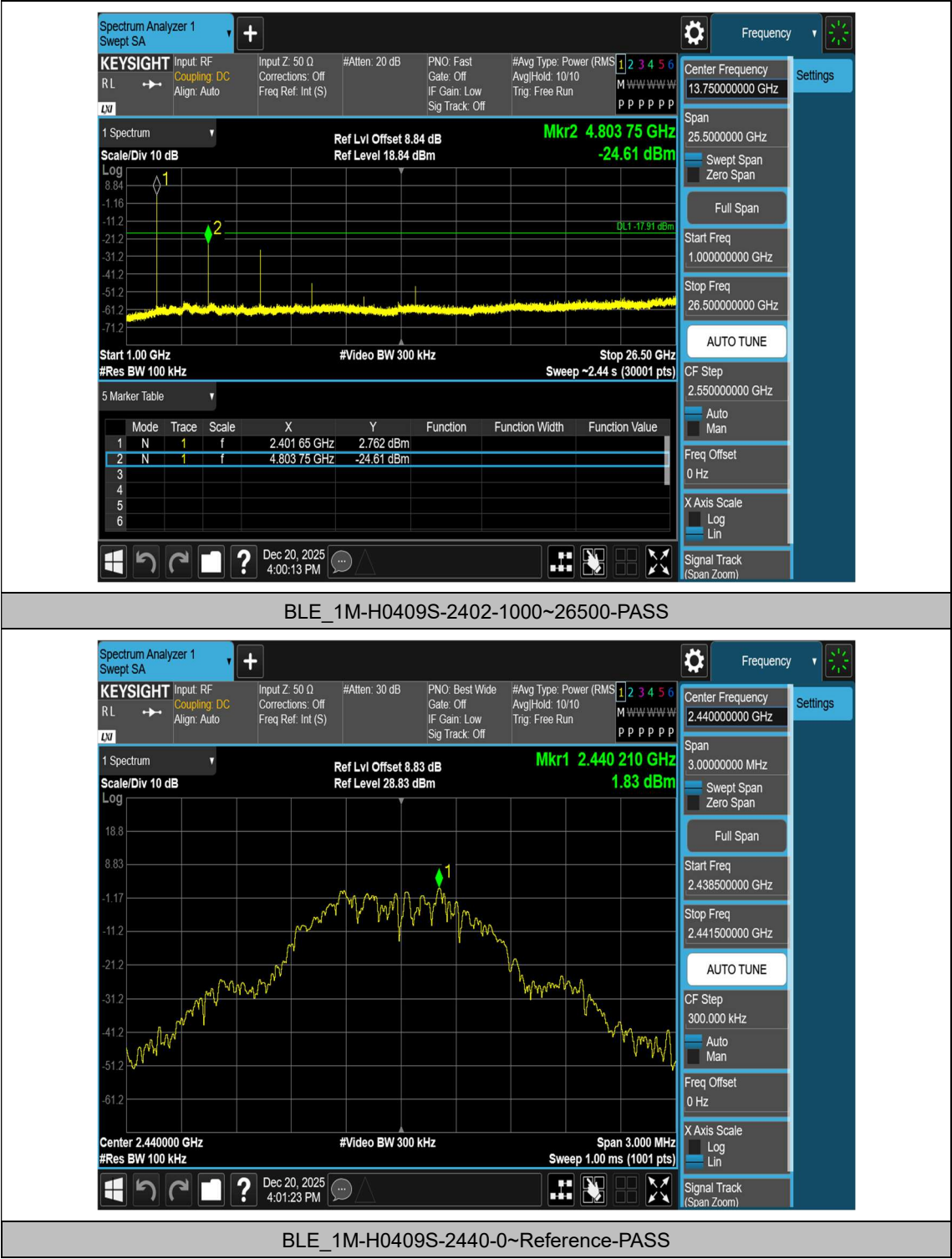


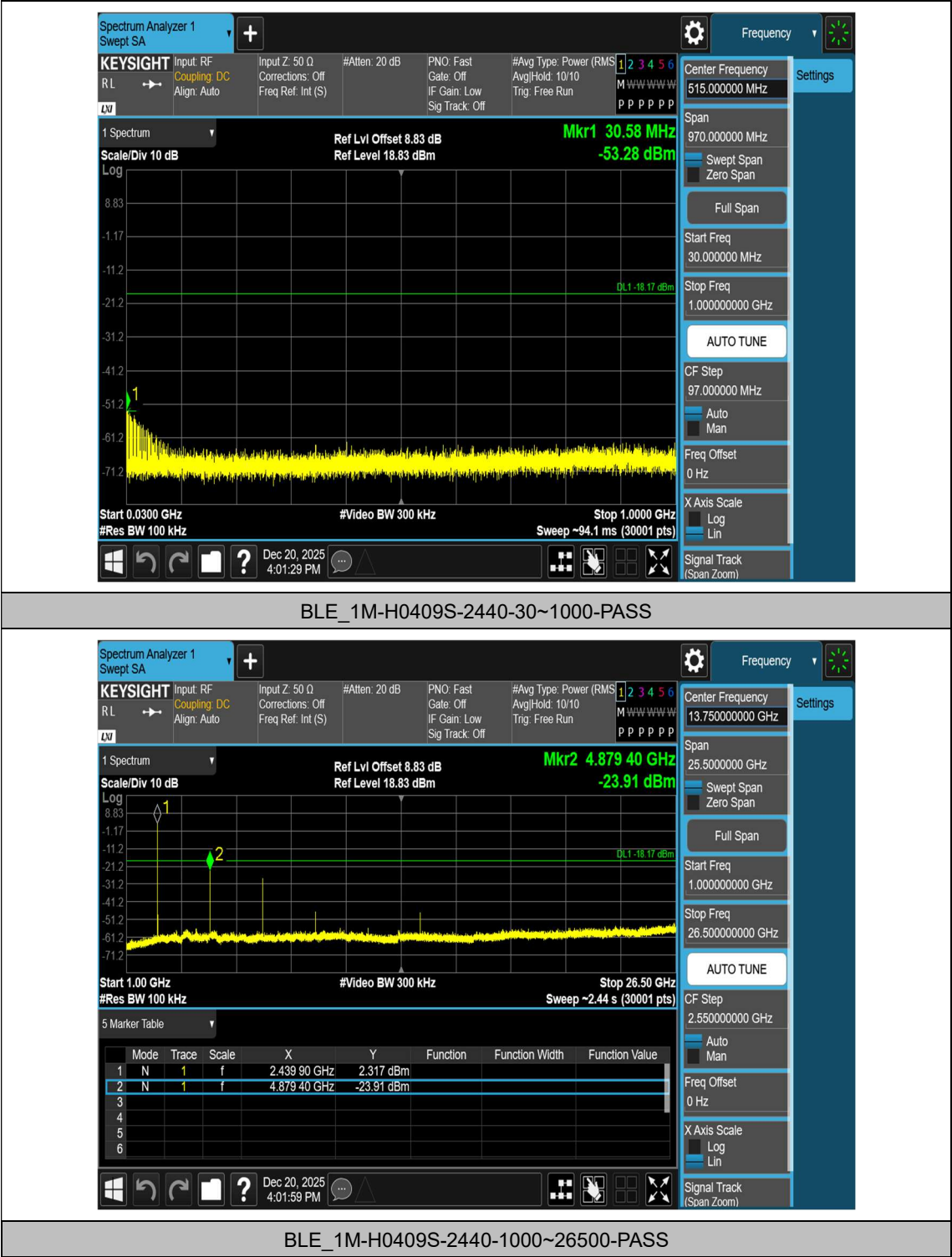


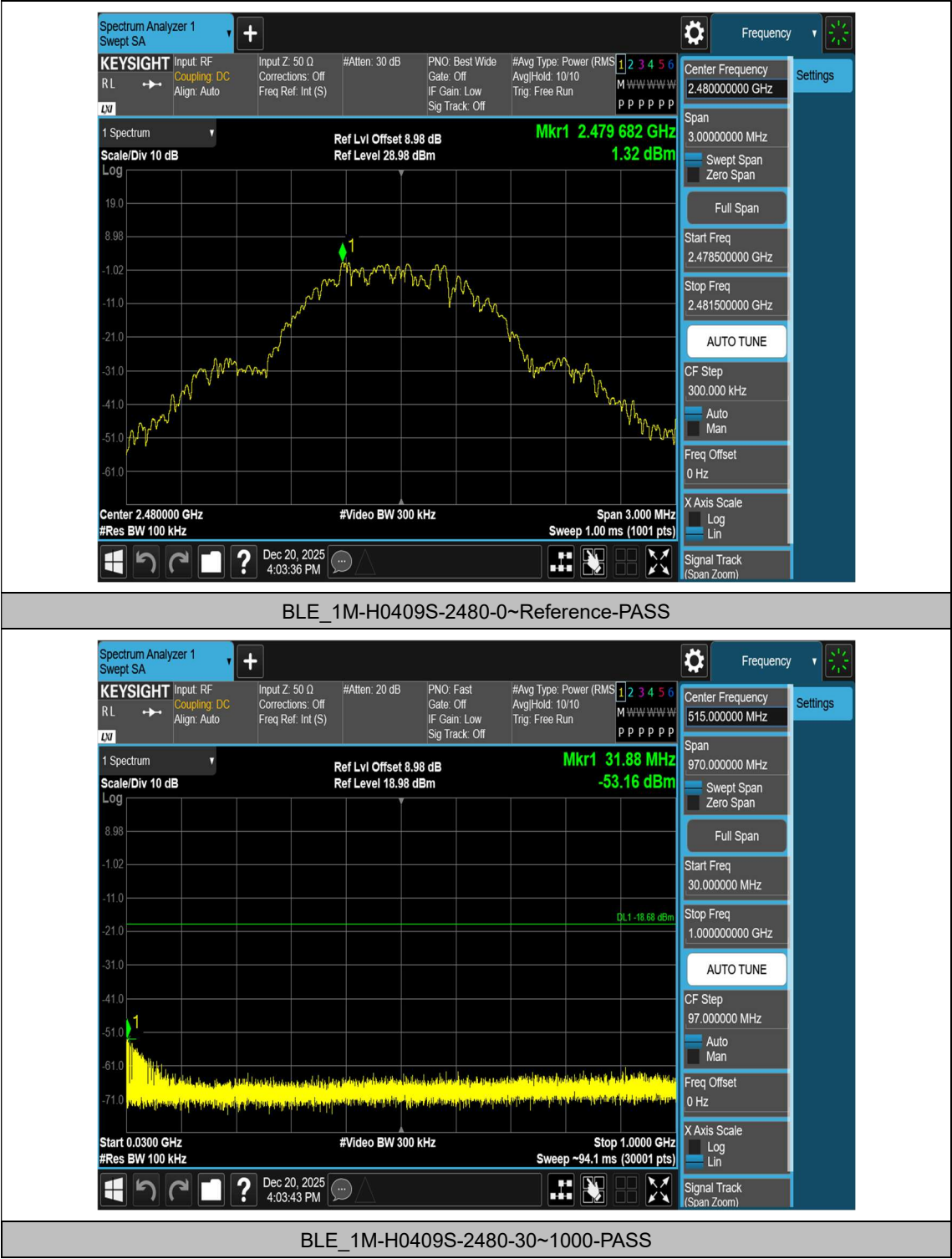


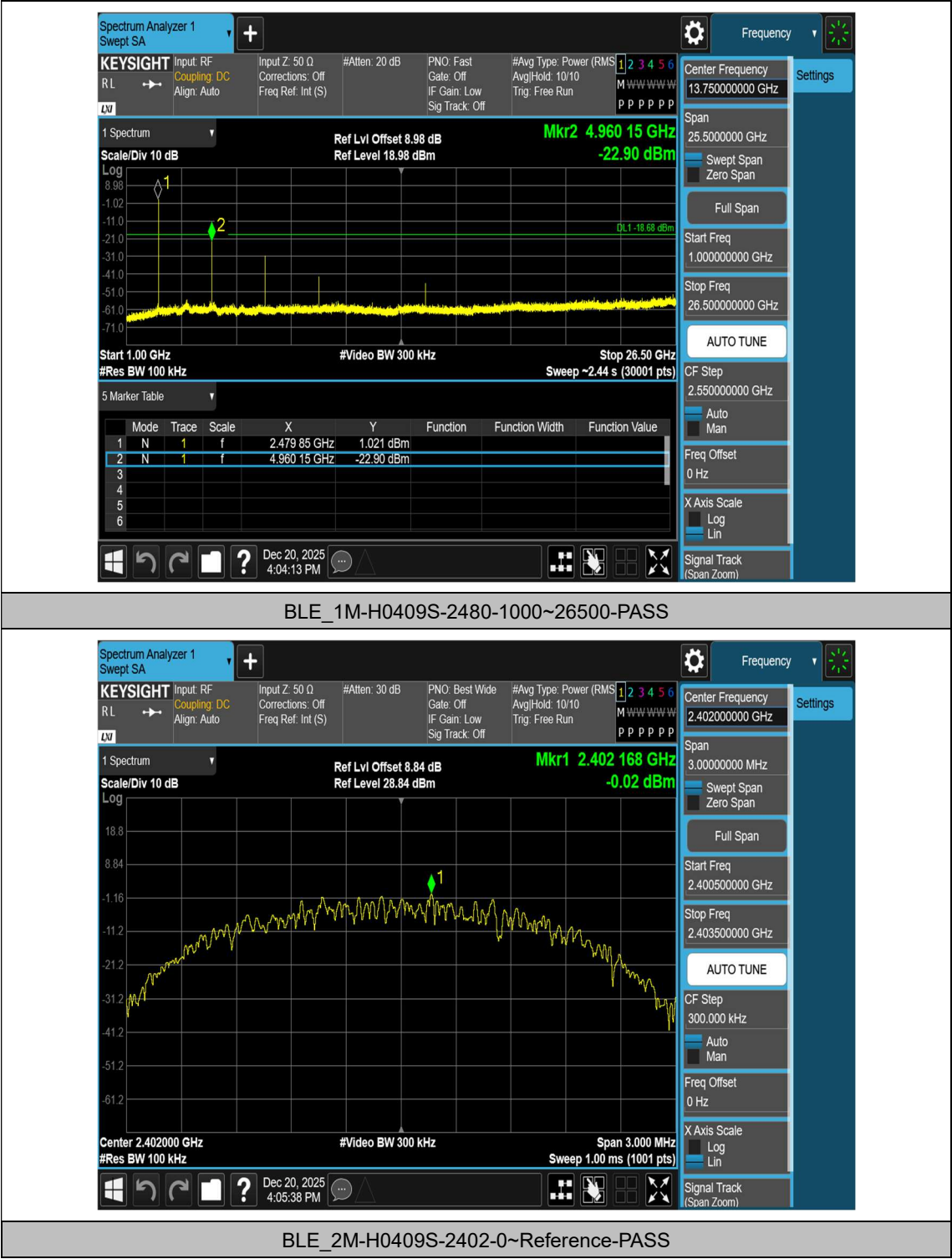


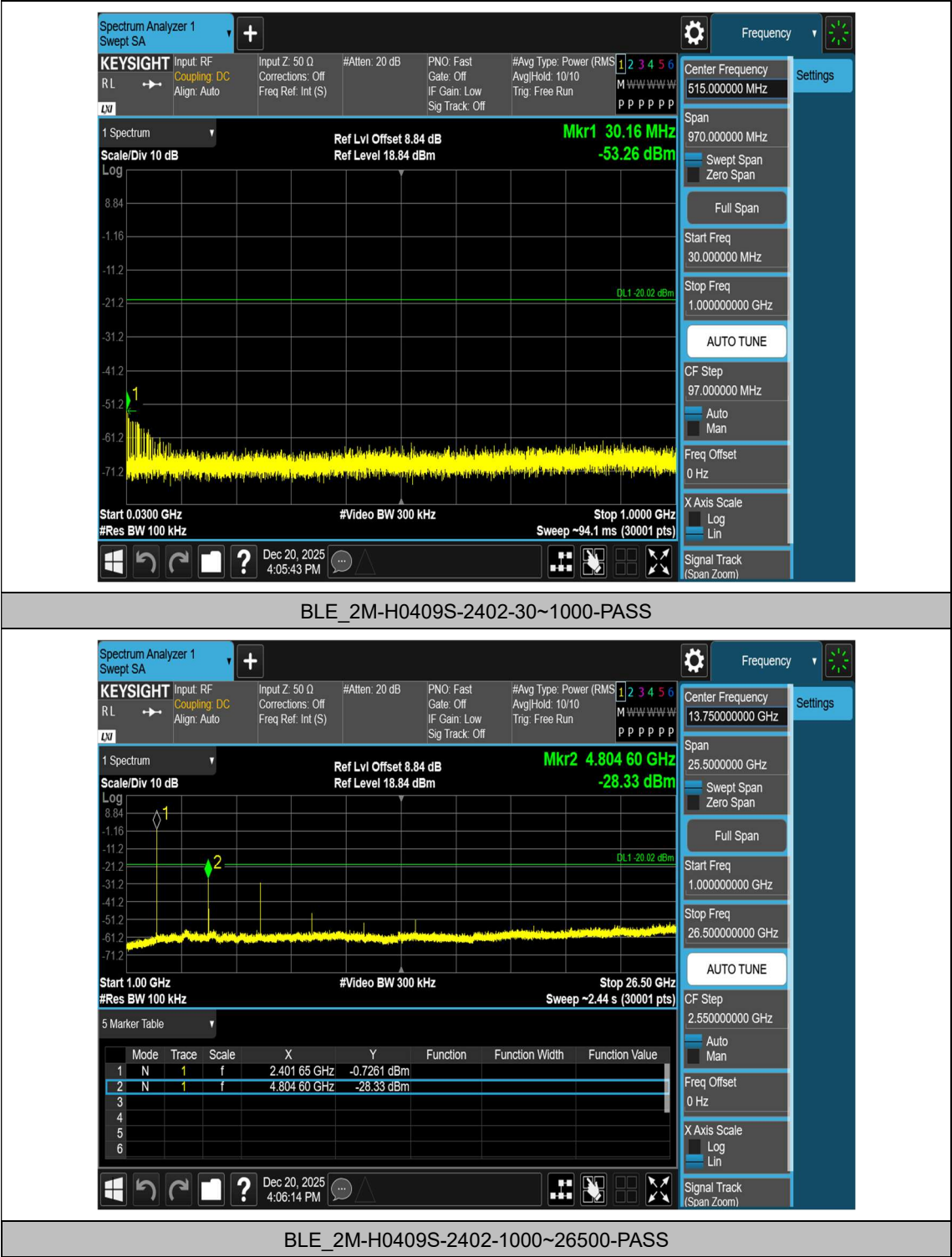


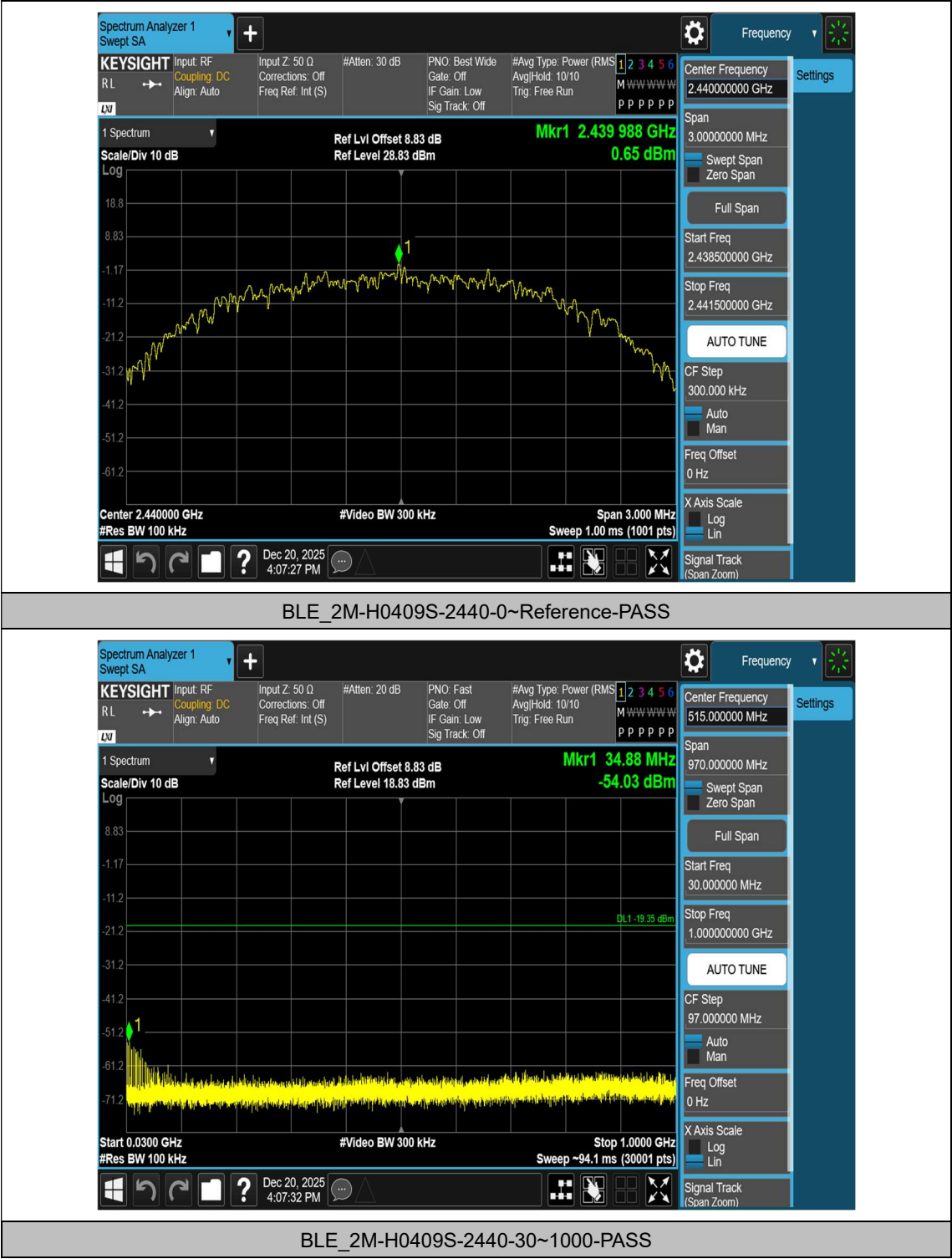


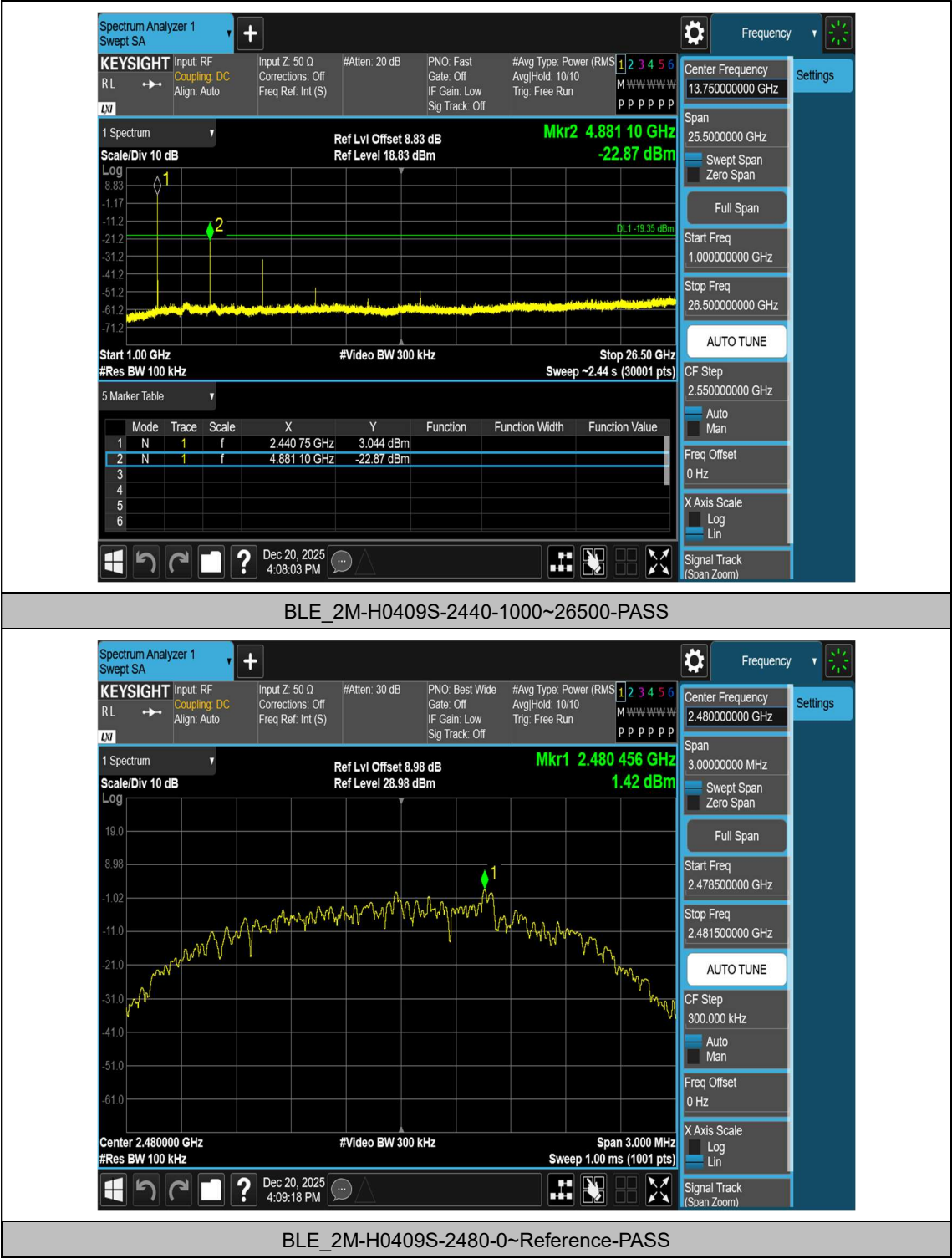


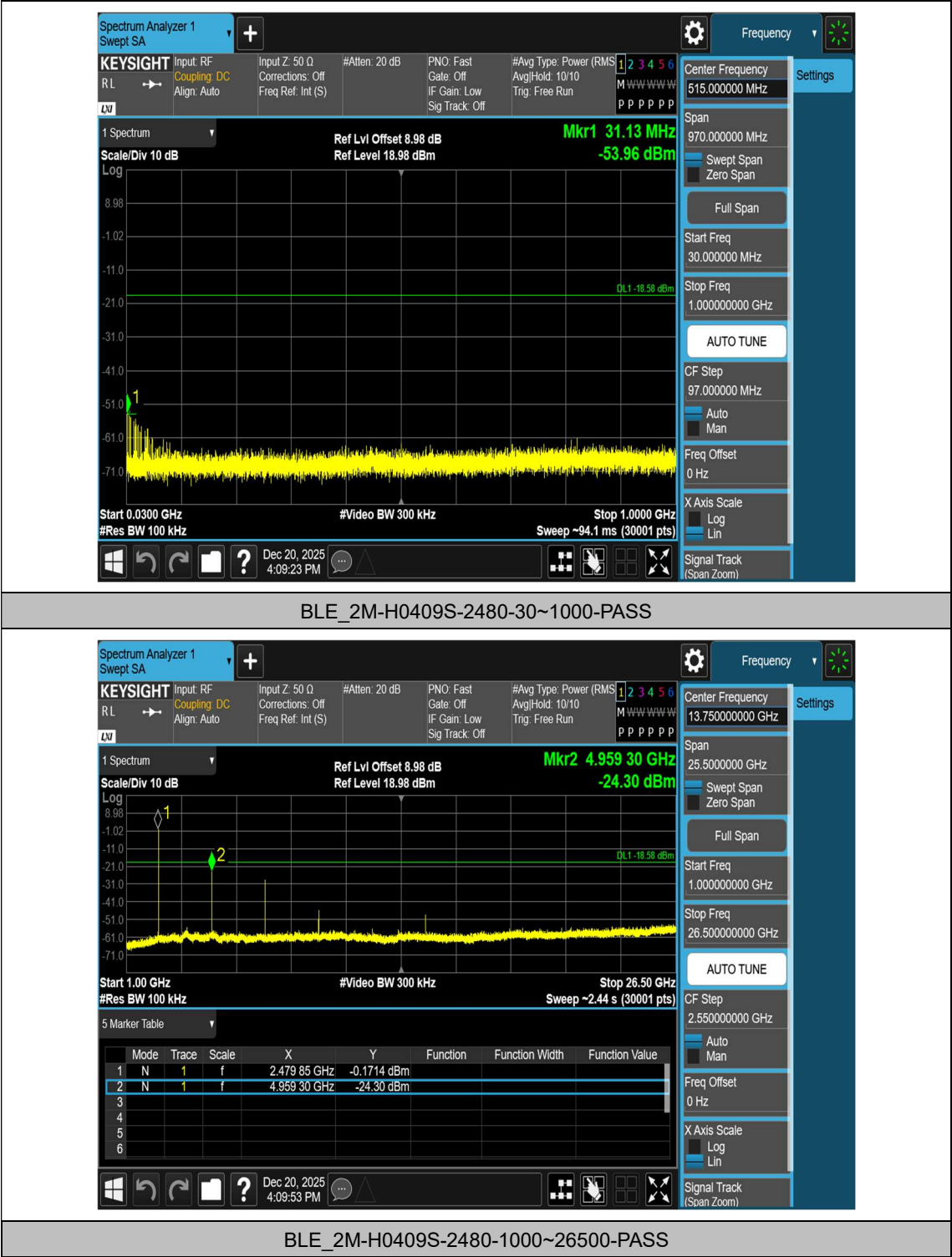












Spectrum Analyzer 1
Swept SA

KEYSIGHT

Input: RF
Coupling: DC
Align: Auto

Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)

#Atten: 20 dB

PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off

#Avg Type: Power (RMS)
Avg/Hold: 10/10
Trig: Free Run

1 2 3 4 5 6
M W W W W W W
P P P P P P

Center Frequency
13.750000000 GHz

Span
25.50000000 GHz
Swept Span
Zero Span
Full Span

Start Freq
1.000000000 GHz

Stop Freq
26.500000000 GHz

AUTO TUNE

CF Step
2.550000000 GHz
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 8.98 dB
Ref Level 18.98 dBm

Mkr2 4.959 30 GHz
-24.30 dBm

DL1 -18.98 dBm

Start 1.00 GHz
#Res BW 100 kHz

#Video BW 300 kHz

Stop 26.50 GHz

Sweep ~2.44 s (30001 pts)

5 Marker Table

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	2.479 85 GHz	-0.1714 dBm			
2	N	1	f	4.959 30 GHz	-24.30 dBm			
3								
4								
5								
6								

Dec 20, 2025
4:09:53 PM

BLE_2M-H0409S-2480-1000~26500-PASS

Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	H0409	2402	0.39	0.63	61.90	2.08
BLE_1M	H0409	2440	0.39	0.63	61.90	2.08
BLE_1M	H0409	2480	0.39	0.63	61.90	2.08
BLE_2M	H0409	2402	1.11	1.87	59.36	2.27
BLE_2M	H0409	2440	1.12	1.88	59.57	2.27
BLE_2M	H0409	2480	1.12	1.88	59.57	2.25

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	H0409S	2402	0.39	0.63	61.90	2.08
BLE_1M	H0409S	2440	0.39	0.63	61.90	2.08
BLE_1M	H0409S	2480	0.39	0.63	61.90	2.08
BLE_2M	H0409S	2402	1.11	1.87	59.36	2.27
BLE_2M	H0409S	2440	1.11	1.87	59.36	2.27
BLE_2M	H0409S	2480	1.11	1.87	59.36	2.27

Test Graphs

