

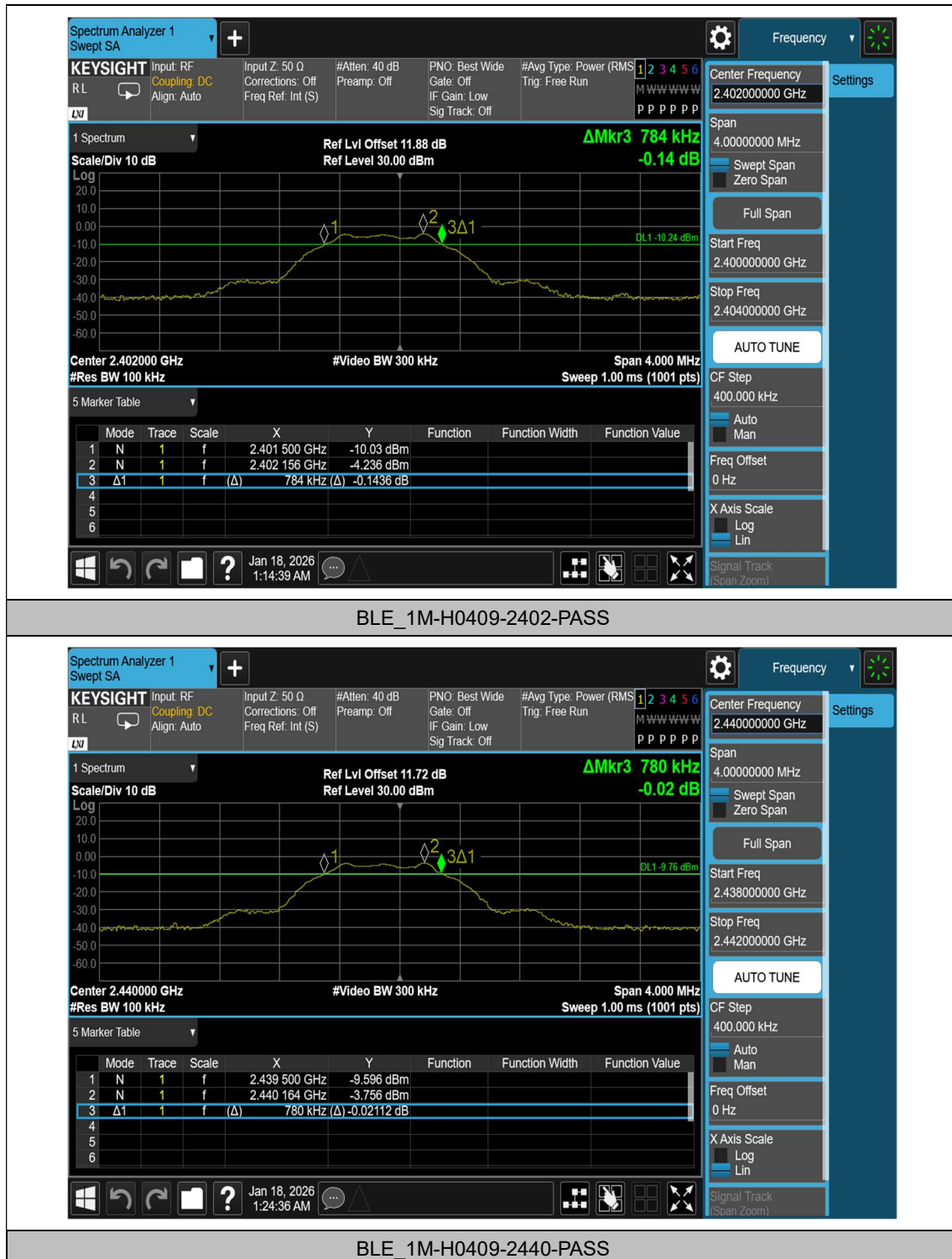
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	H0409	2402	0.784	2401.500	2402.284	0.5	PASS
BLE_1M	H0409	2440	0.780	2439.500	2440.280	0.5	PASS
BLE_1M	H0409	2480	0.772	2479.500	2480.272	0.5	PASS
BLE_2M	H0409	2402	1.204	2401.344	2402.548	0.5	PASS
BLE_2M	H0409	2440	1.192	2439.348	2440.540	0.5	PASS
BLE_2M	H0409	2480	1.200	2479.340	2480.540	0.5	PASS

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	H0409S	2402	0.760	2401.580	2402.340	0.5	PASS
BLE_1M	H0409S	2440	0.768	2439.580	2440.348	0.5	PASS
BLE_1M	H0409S	2480	0.768	2479.580	2480.348	0.5	PASS
BLE_2M	H0409S	2402	1.184	2401.428	2402.612	0.5	PASS
BLE_2M	H0409S	2440	1.212	2439.400	2440.612	0.5	PASS
BLE_2M	H0409S	2480	1.188	2479.432	2480.620	0.5	PASS

Test Graphs



BLE_1M-H0409-2402-PASS

Spectrum Analyzer 1

Swept SA

+

KEYSIGHT

Input: RF

Coupling: DC

Align: Auto

Input Z: 50 Ω

Corrections: Off

Freq Ref: Int (S)

#Atten: 40 dB

Preamp: Off

PNO: Best Wide

Gate: Off

IF Gain: Low

Sig Track: Off

#Avg Type: Power (RMS)

Trig: Free Run

1 2 3 4 5 6

M W W W W W

P P P P P P

Center Frequency

2.44000000 GHz

Settings

1 Spectrum

Ref Lvl Offset 11.72 dB

Ref Level 30.00 dBm

Δ Mkr3 780 kHz

-0.02 dB

Log

20.0

10.0

0.00

-10.0

-20.0

-30.0

-40.0

-50.0

-60.0

Center 2.440000 GHz

#Res BW 100 kHz

#Video BW 300 kHz

Span 4.000 MHz

Sweep 1.00 ms (1001 pts)

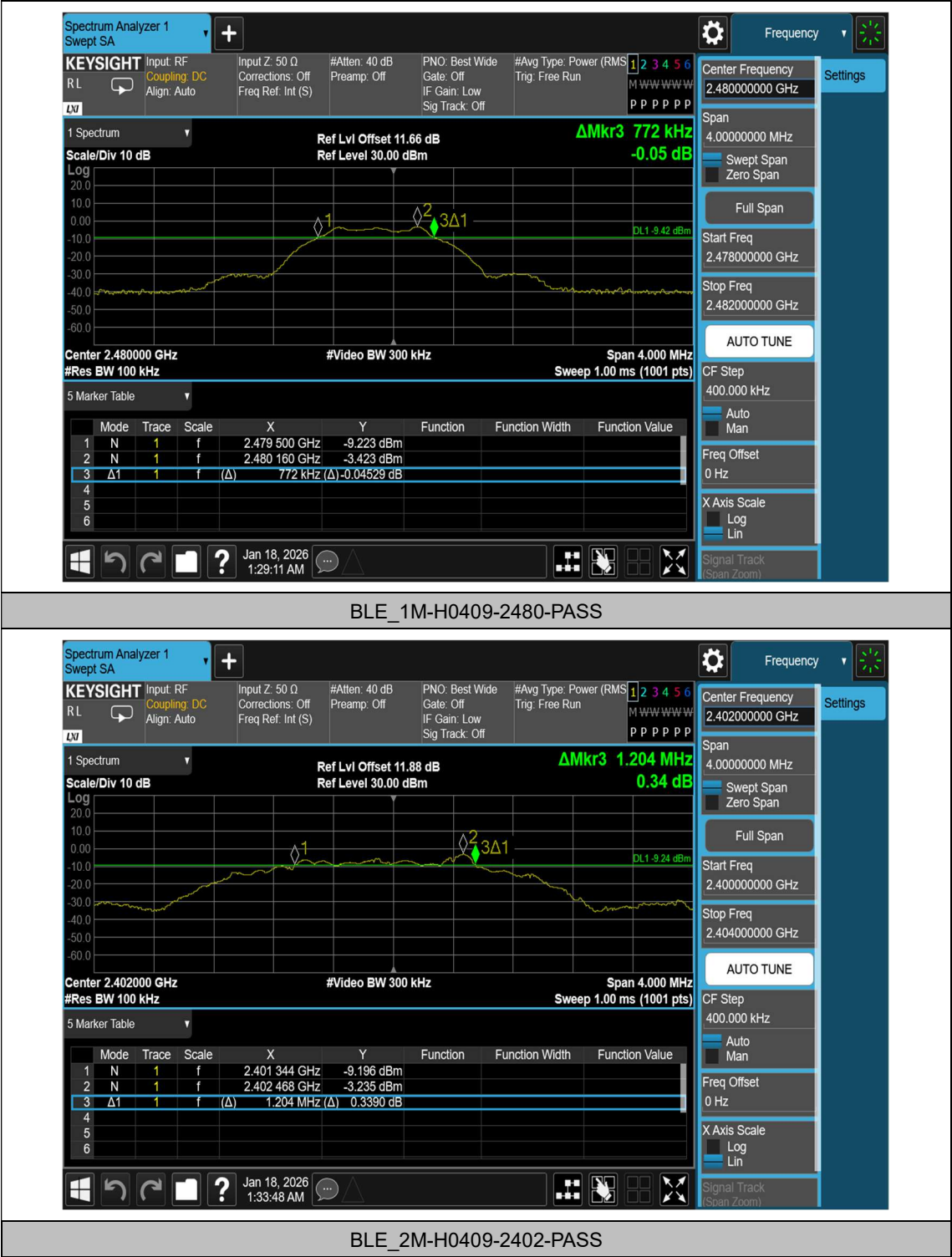
5 Marker Table

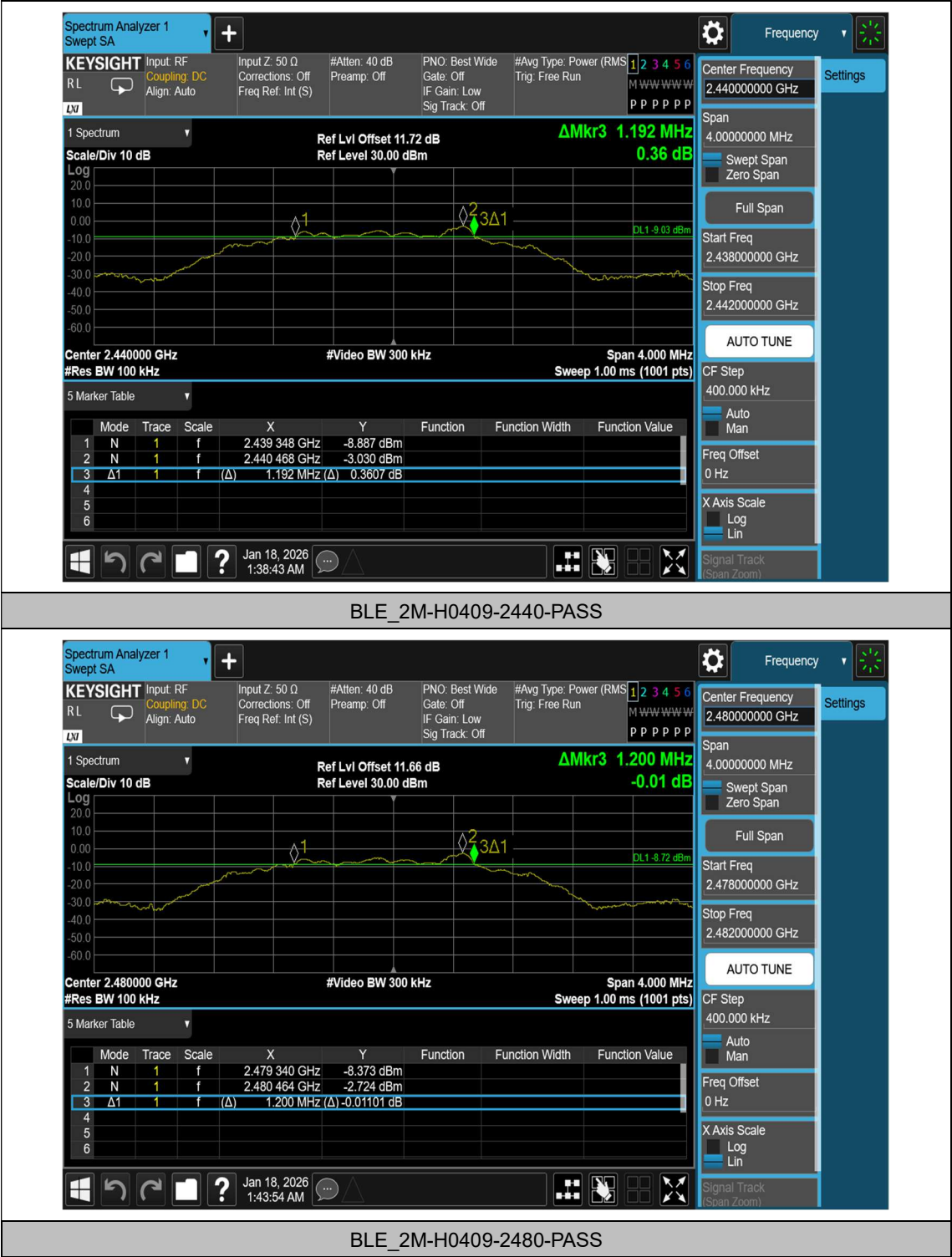
	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	2.439 500 GHz	-9.596 dBm			
2	N	1	f	2.440 164 GHz	-3.756 dBm			
3	Δ 1	1	f	(Δ)	780 kHz (Δ)			-0.02112 dB
4								
5								
6								

Jan 18, 2026

1:24:36 AM

BLE_1M-H0409-2440-PASS





Spectrum Analyzer 1

Swept SA

+

Frequency

Settings

KEYSIGHT

Input: RF

Input Z: 50 Ω

#Atten: 40 dB

PNO: Best Wide

#Avg Type: Power (RMS)

1 2 3 4 5 6

RL

Coupling: DC

Align: Auto

Corrections: Off

Preamp: Off

Gate: Off

IF Gain: Low

Sig Track: Off

Trig: Free Run

M W W W W W

P P P P P P

1 Spectrum

Ref Lvl Offset 11.66 dB

Δ Mkr3 1.200 MHz

-0.01 dB

Scale/Div 10 dB

Log

20.0

10.0

0.00

-10.0

-20.0

-30.0

-40.0

-50.0

-60.0

DL1 -8.72 dBm

Center 2.480000 GHz

#Video BW 300 kHz

Span 4.000 MHz

#Res BW 100 kHz

Sweep 1.00 ms (1001 pts)

5 Marker Table

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	2.479 340 GHz	-8.373 dBm			
2	N	1	f	2.480 464 GHz	-2.724 dBm			
3	Δ 1	1	f	(Δ)	1.200 MHz (Δ)	-0.01101 dB		
4								
5								
6								

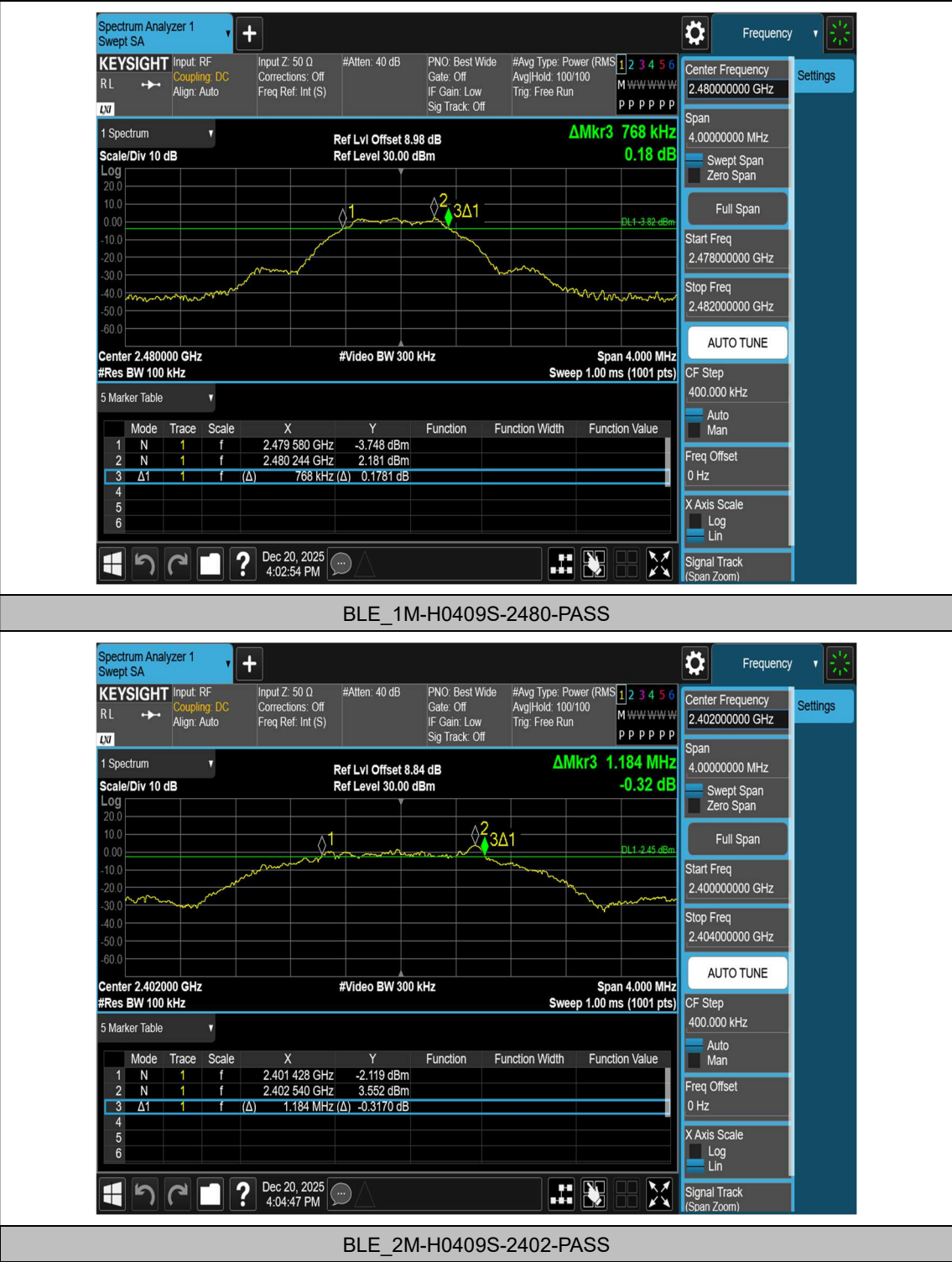
Jan 18, 2026

1:43:54 AM

Signal Track (Span Zoom)

BLE_2M-H0409-2480-PASS







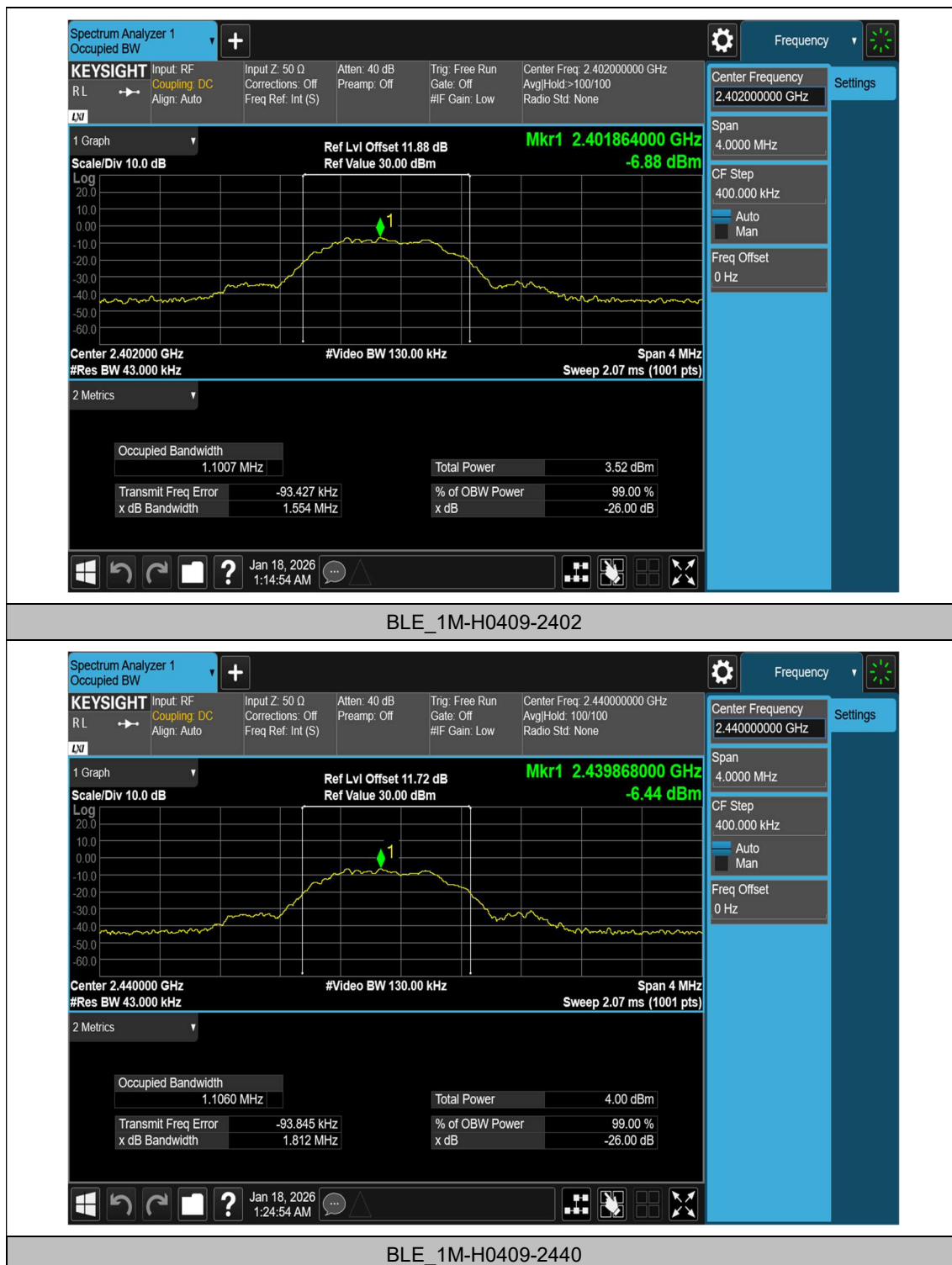
Appendix B: Occupied Channel Bandwidth

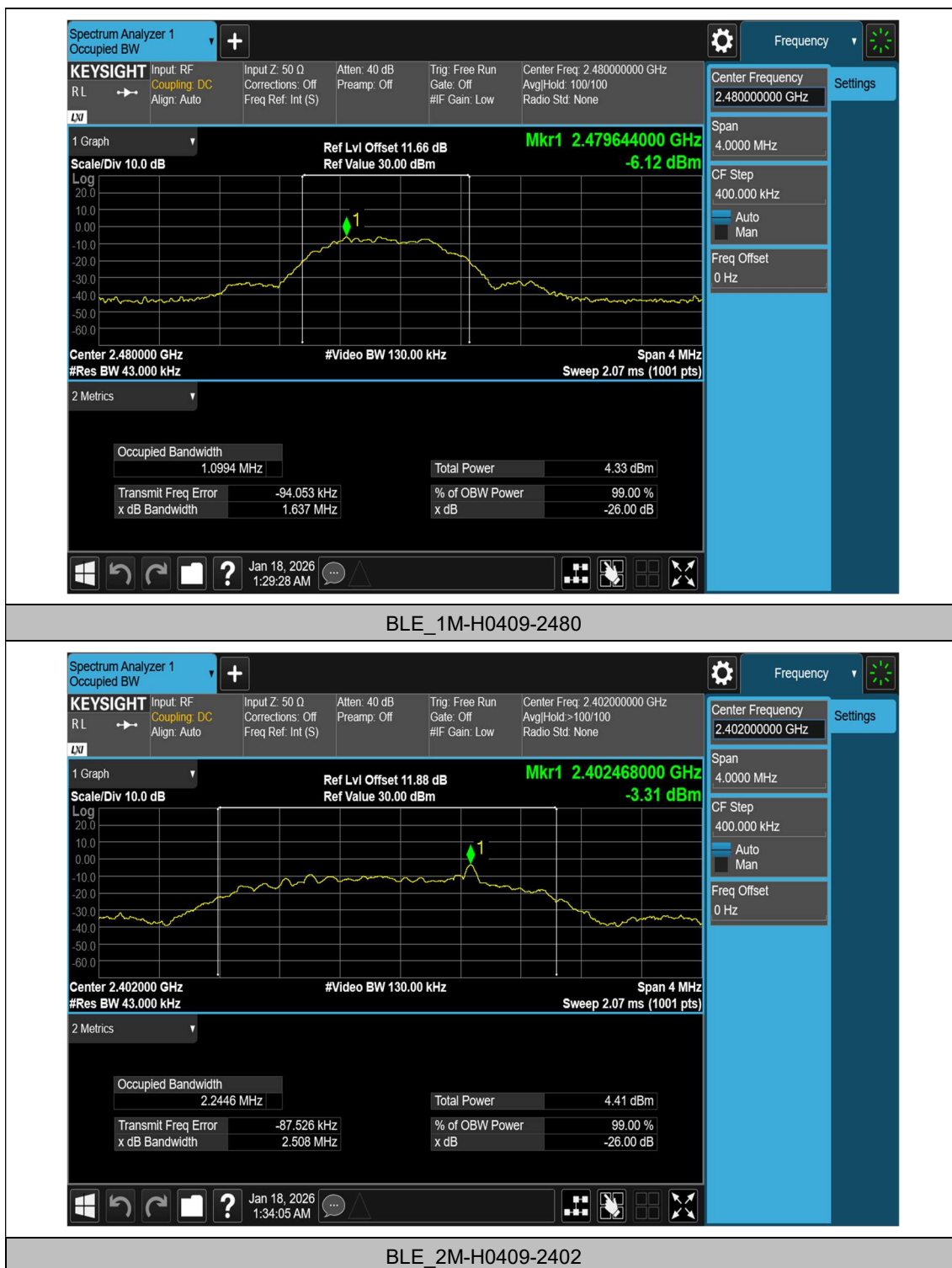
Test Result

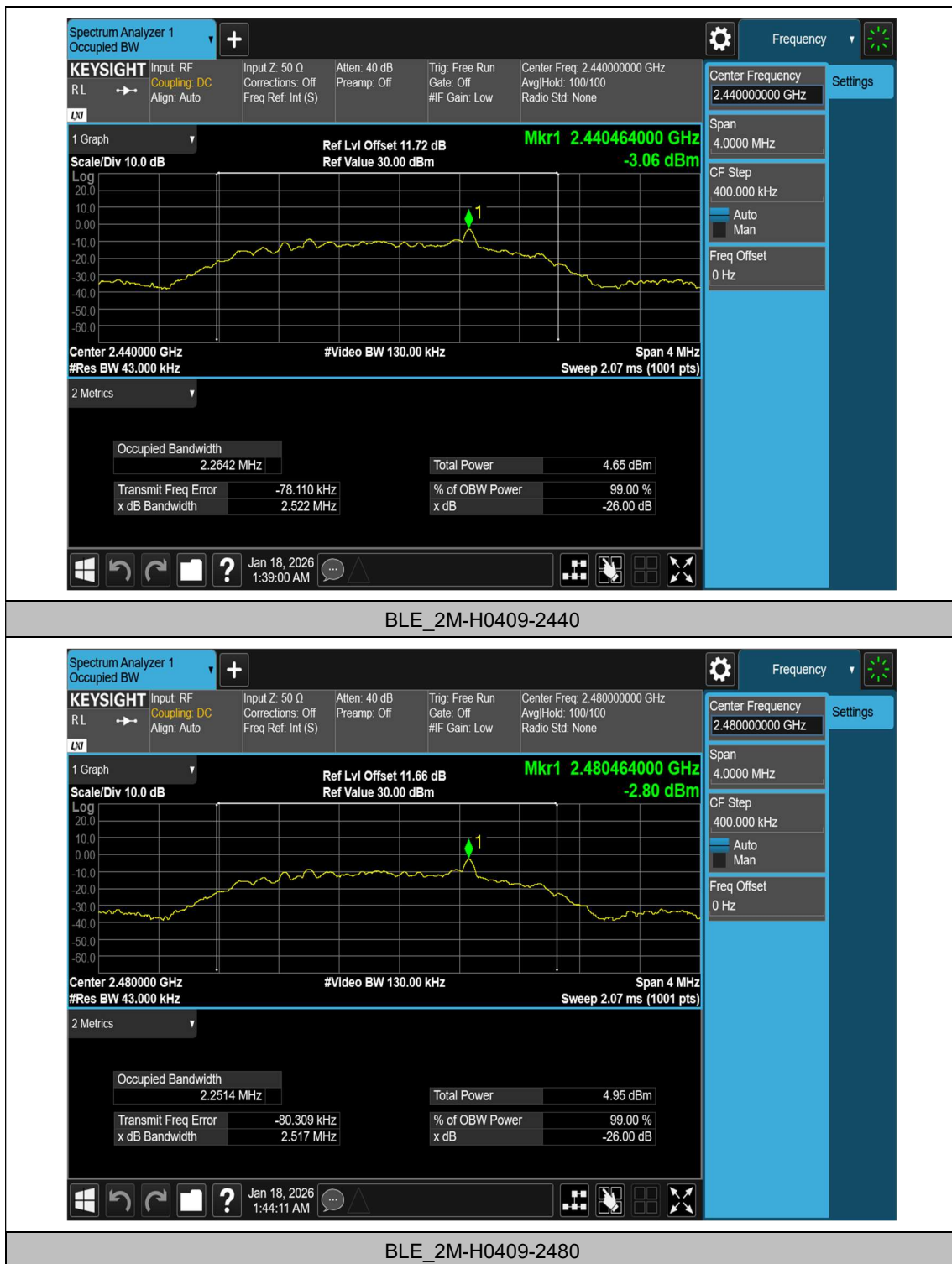
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	H0409	2402	1.1007	2401.3562	2402.4569	---	---
BLE_1M	H0409	2440	1.1060	2439.3532	2440.4592	---	---
BLE_1M	H0409	2480	1.0994	2479.3563	2480.4557	---	---
BLE_2M	H0409	2402	2.2446	2400.7902	2403.0348	---	---
BLE_2M	H0409	2440	2.2642	2438.7898	2441.0540	---	---
BLE_2M	H0409	2480	2.2514	2478.7940	2481.0454	---	---

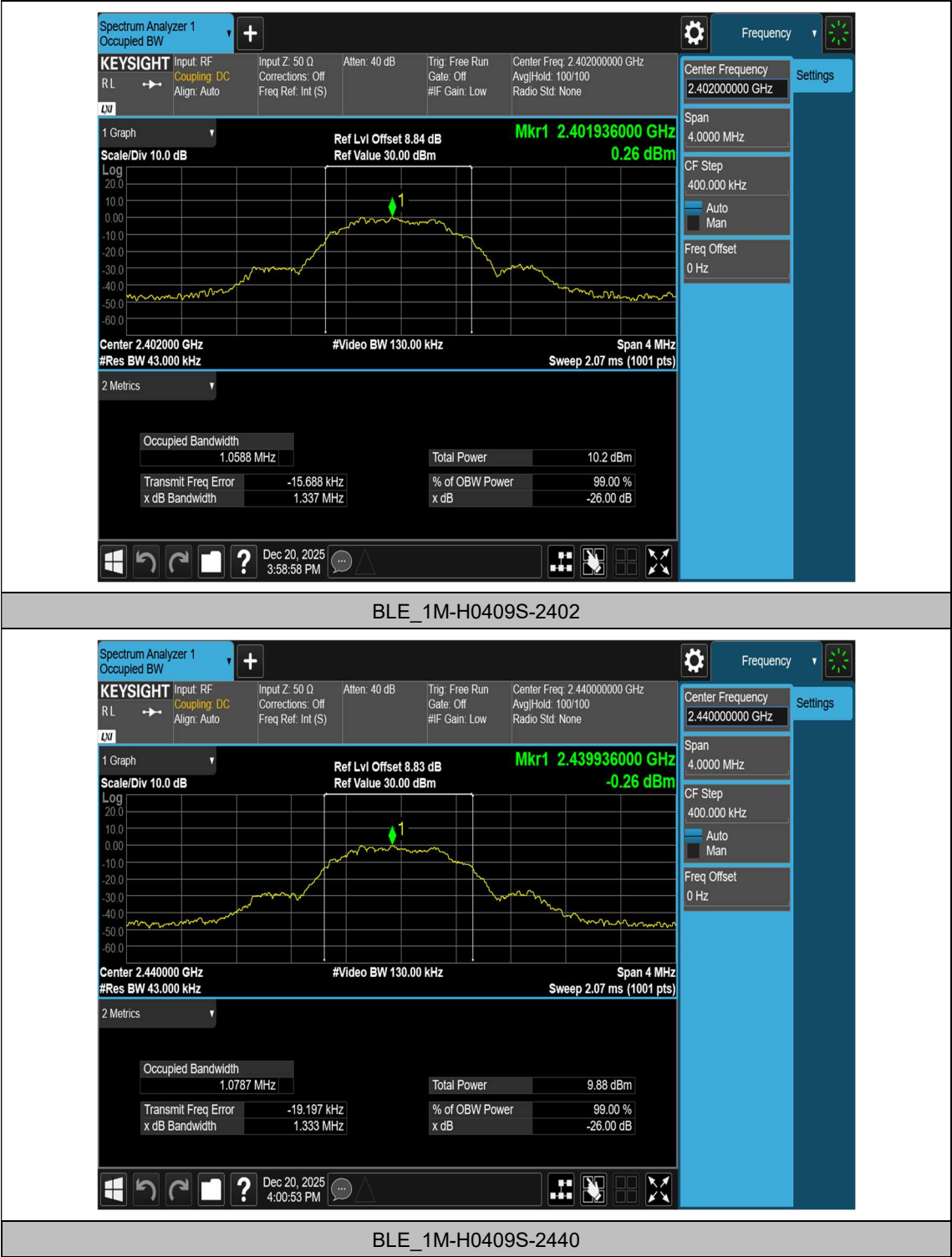
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	H0409S	2402	1.0588	2401.4549	2402.5137	---	---
BLE_1M	H0409S	2440	1.0787	2439.4415	2440.5202	---	---
BLE_1M	H0409S	2480	1.0633	2479.4499	2480.5132	---	---
BLE_2M	H0409S	2402	2.1891	2400.8867	2403.0758	---	---
BLE_2M	H0409S	2440	2.2503	2438.8680	2441.1183	---	---
BLE_2M	H0409S	2480	2.1849	2478.8937	2481.0786	---	---

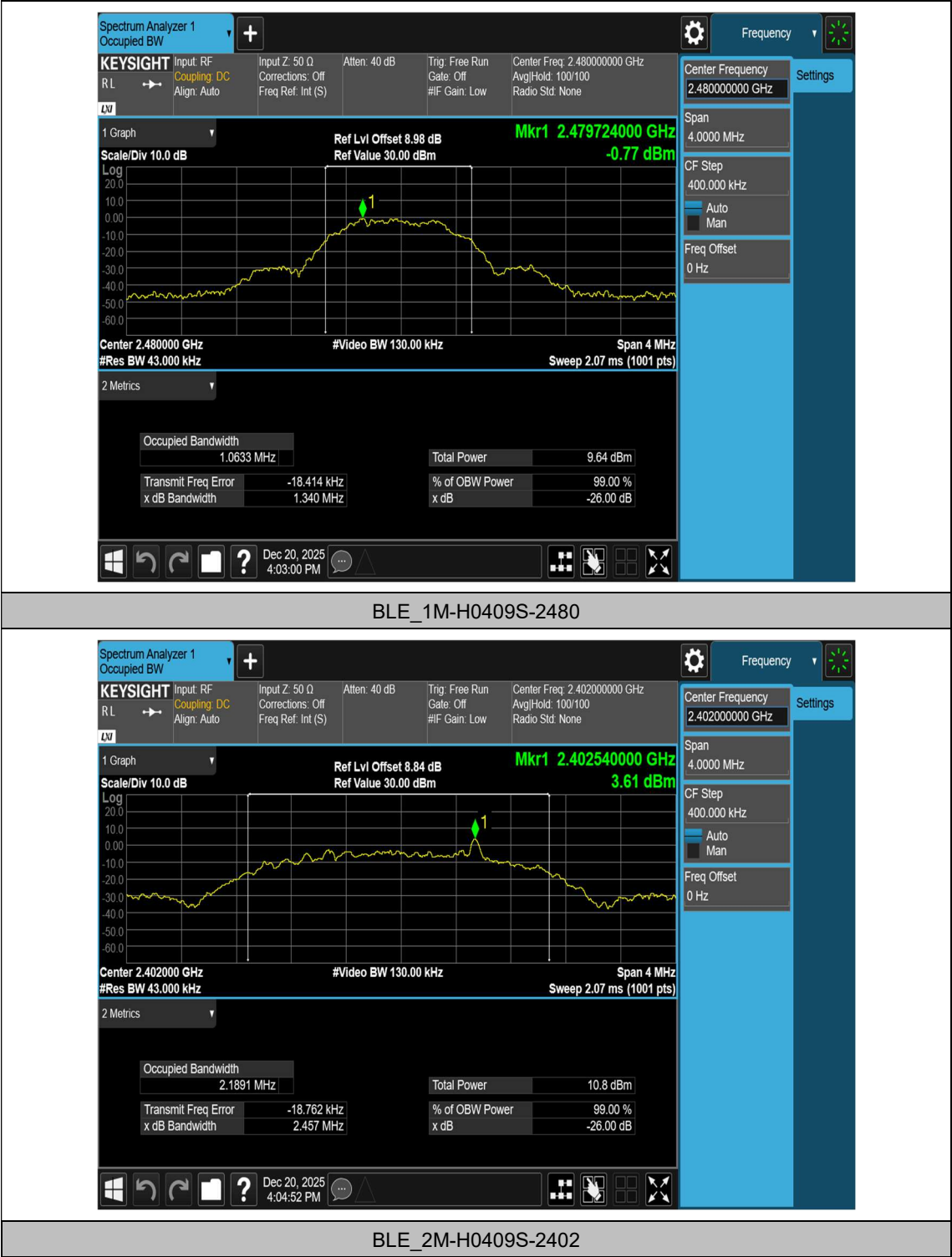
Test Graphs

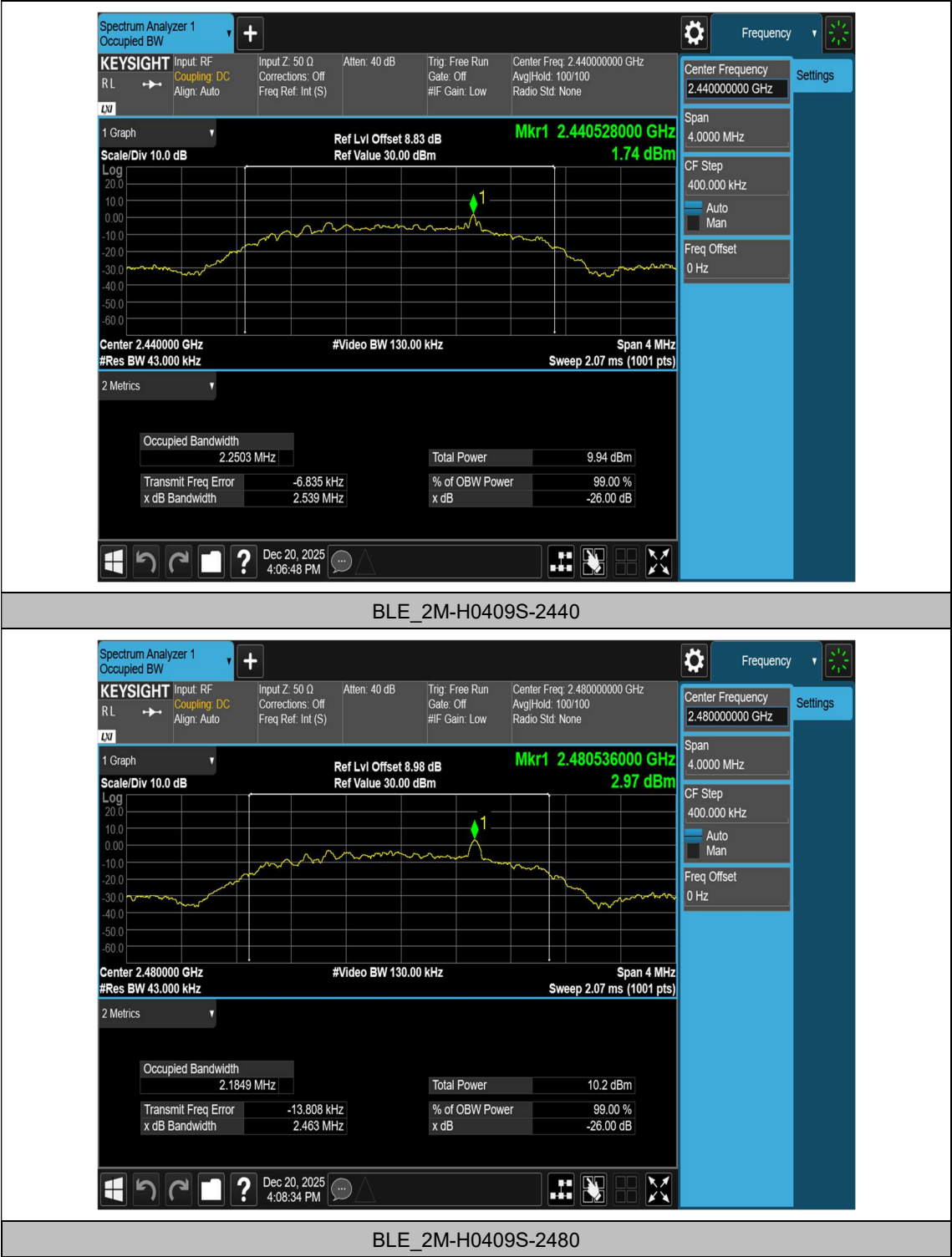












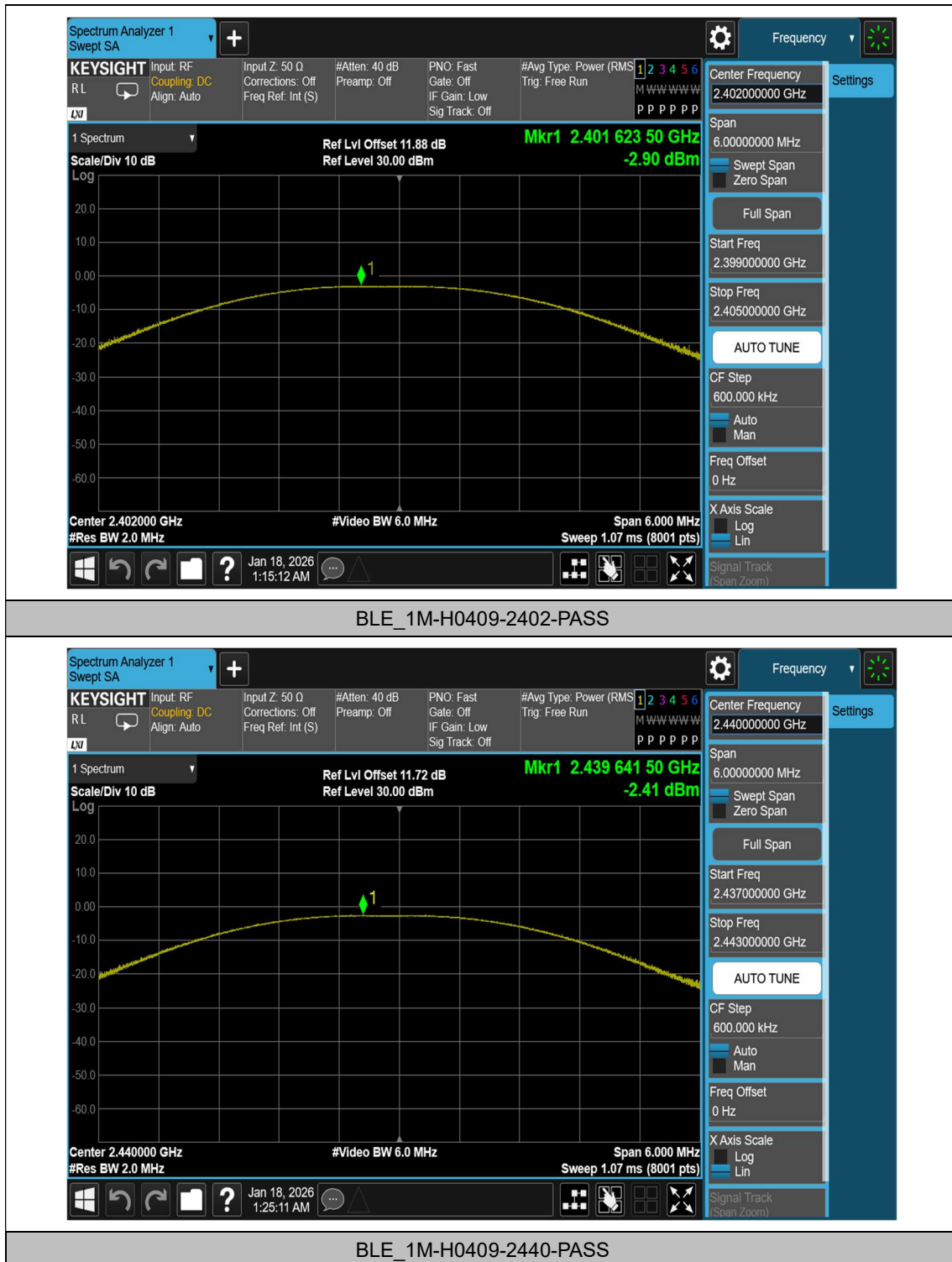
Appendix C: Maximum conducted output power

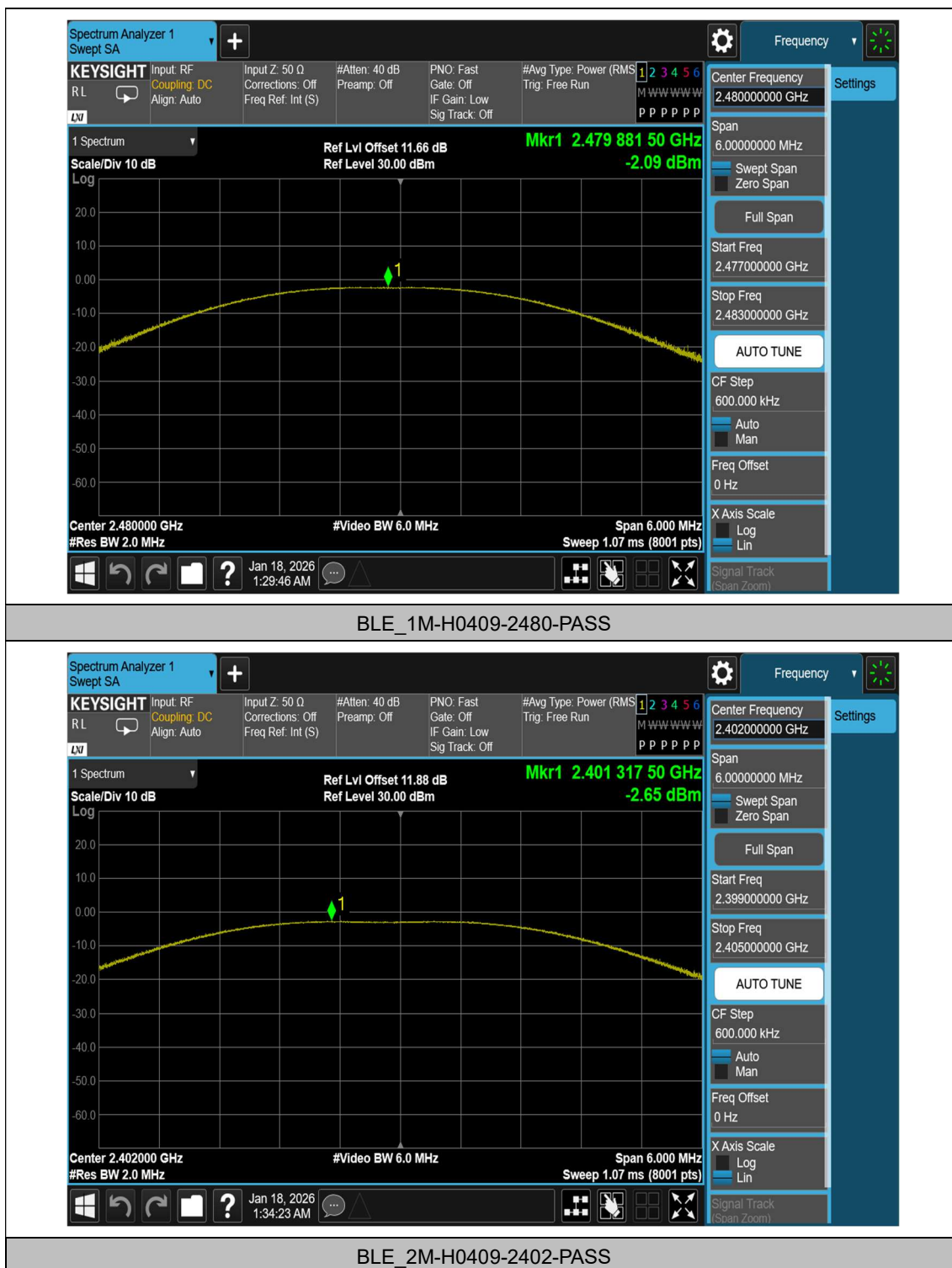
Test Result Peak

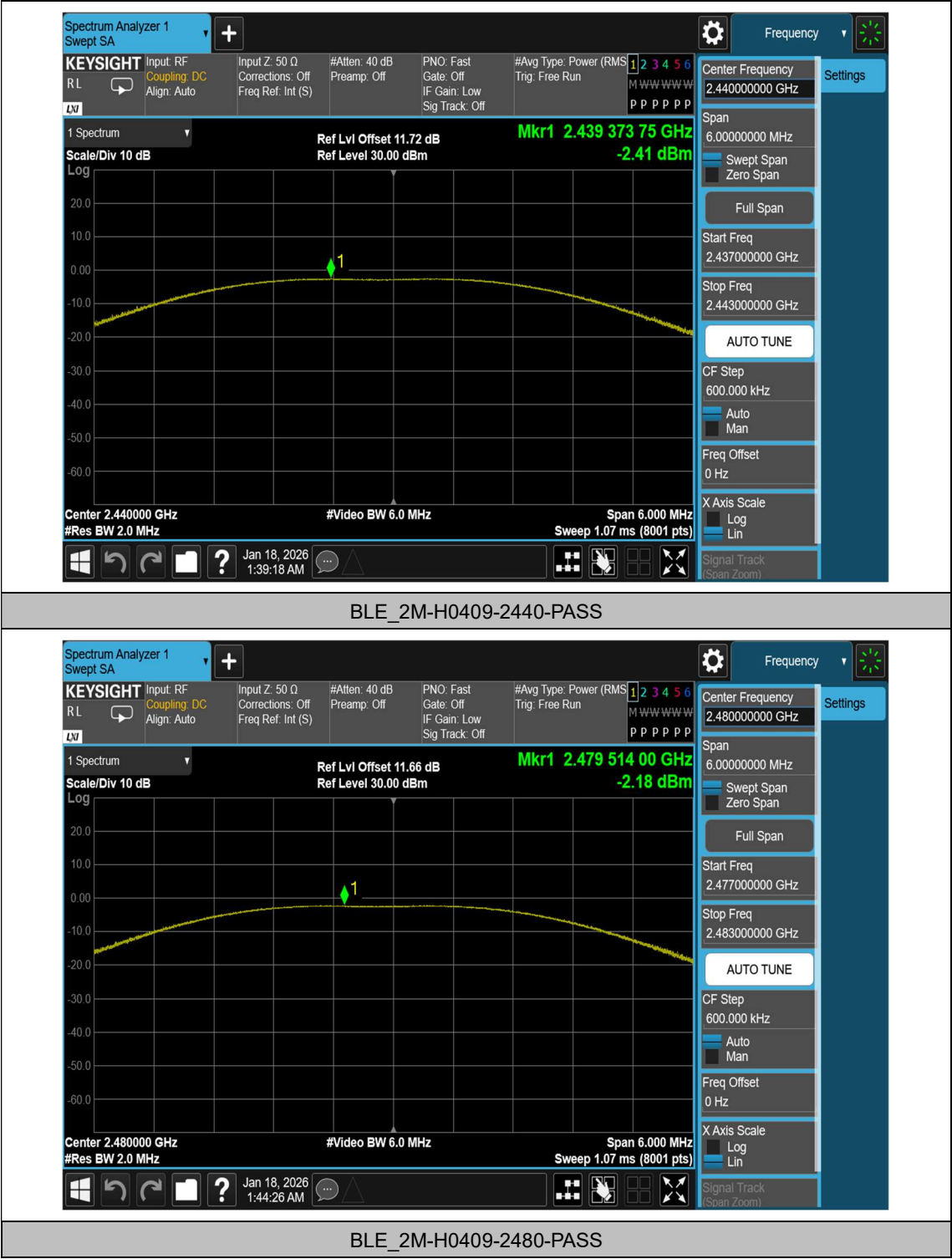
TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	H0409	2402	-2.90	≤30	-3.16	≤36	PASS
BLE_1M	H0409	2440	-2.41	≤30	-2.67	≤36	PASS
BLE_1M	H0409	2480	-2.09	≤30	-2.35	≤36	PASS
BLE_2M	H0409	2402	-2.65	≤30	-2.91	≤36	PASS
BLE_2M	H0409	2440	-2.41	≤30	-2.67	≤36	PASS
BLE_2M	H0409	2480	-2.18	≤30	-2.44	≤36	PASS

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	H0409S	2402	3.35	≤30	1.54	≤36	PASS
BLE_1M	H0409S	2440	3.32	≤30	1.11	≤36	PASS
BLE_1M	H0409S	2480	3.22	≤30	1.01	≤36	PASS
BLE_2M	H0409S	2402	3.37	≤30	1.56	≤36	PASS
BLE_2M	H0409S	2440	3.33	≤30	1.12	≤36	PASS
BLE_2M	H0409S	2480	3.20	≤30	0.99	≤36	PASS

Test Graphs Peak

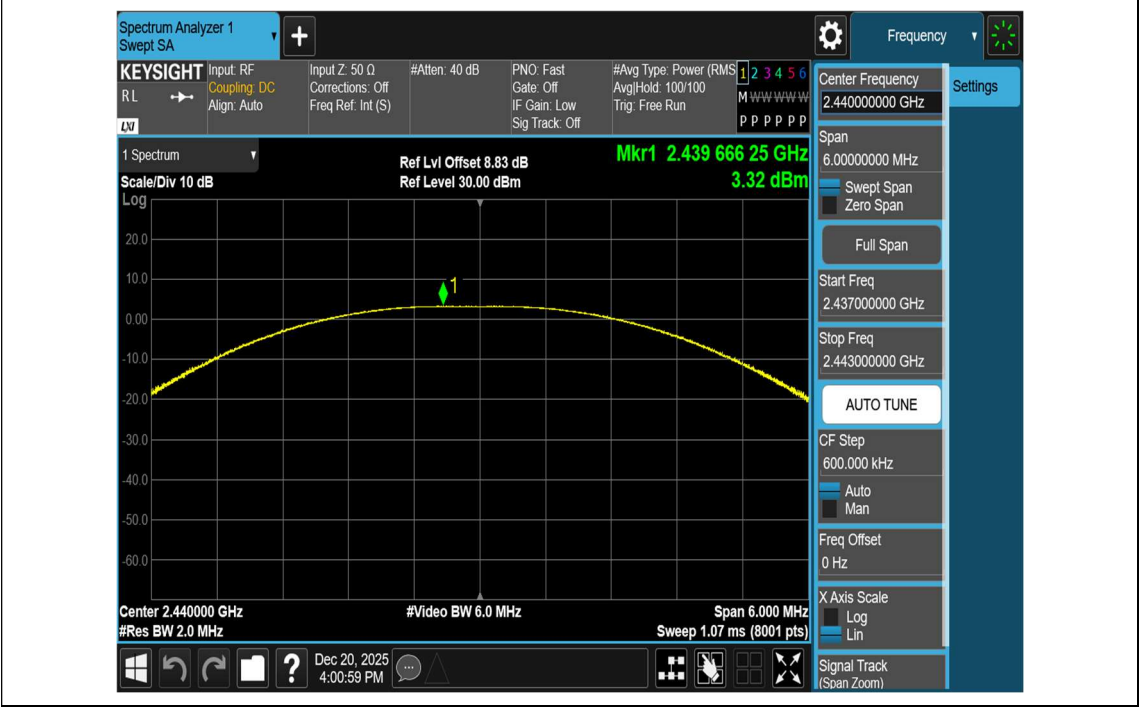








BLE_1M-H0409S-2402-PASS



BLE_1M-H0409S-2440-PASS

