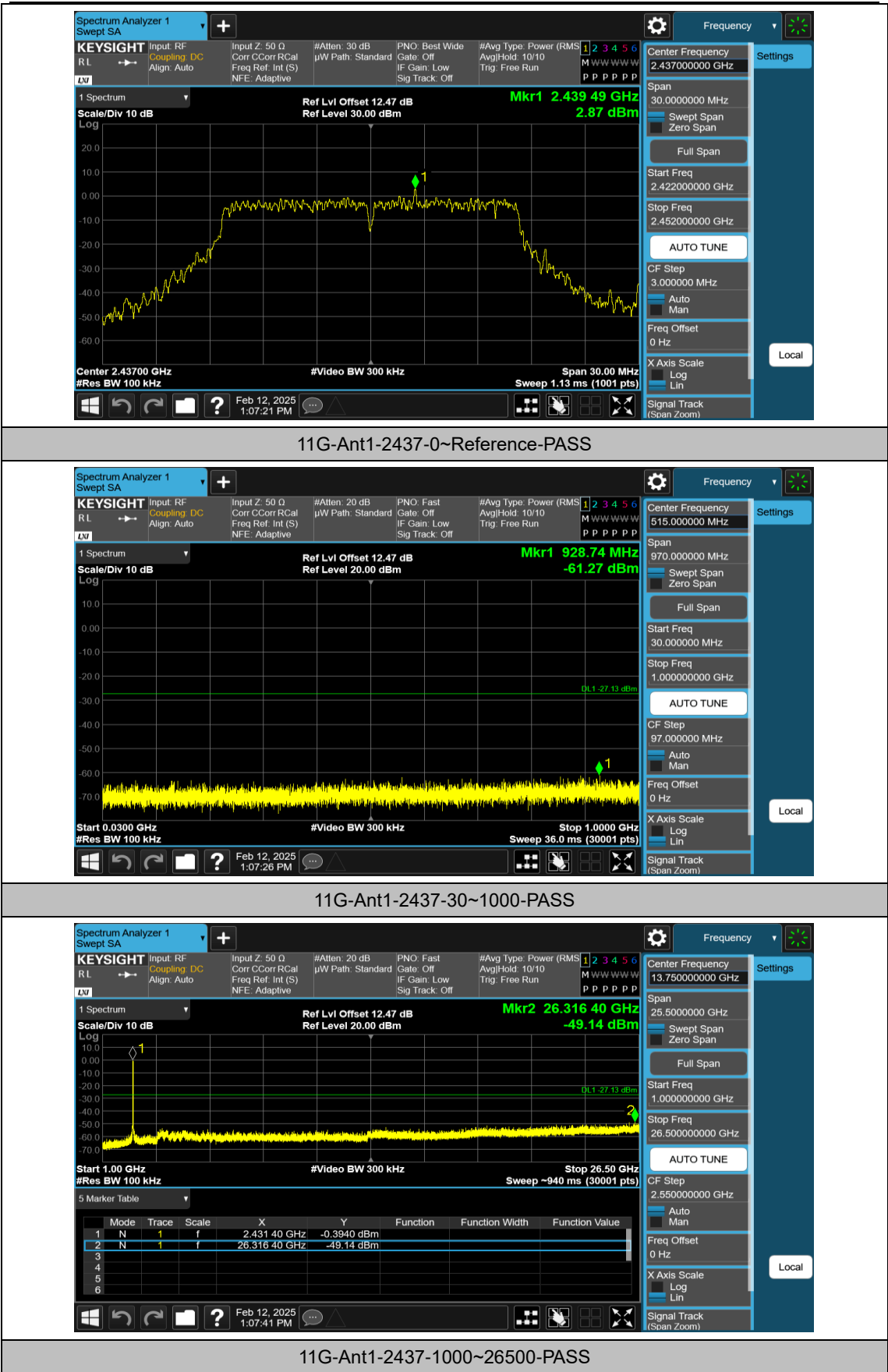


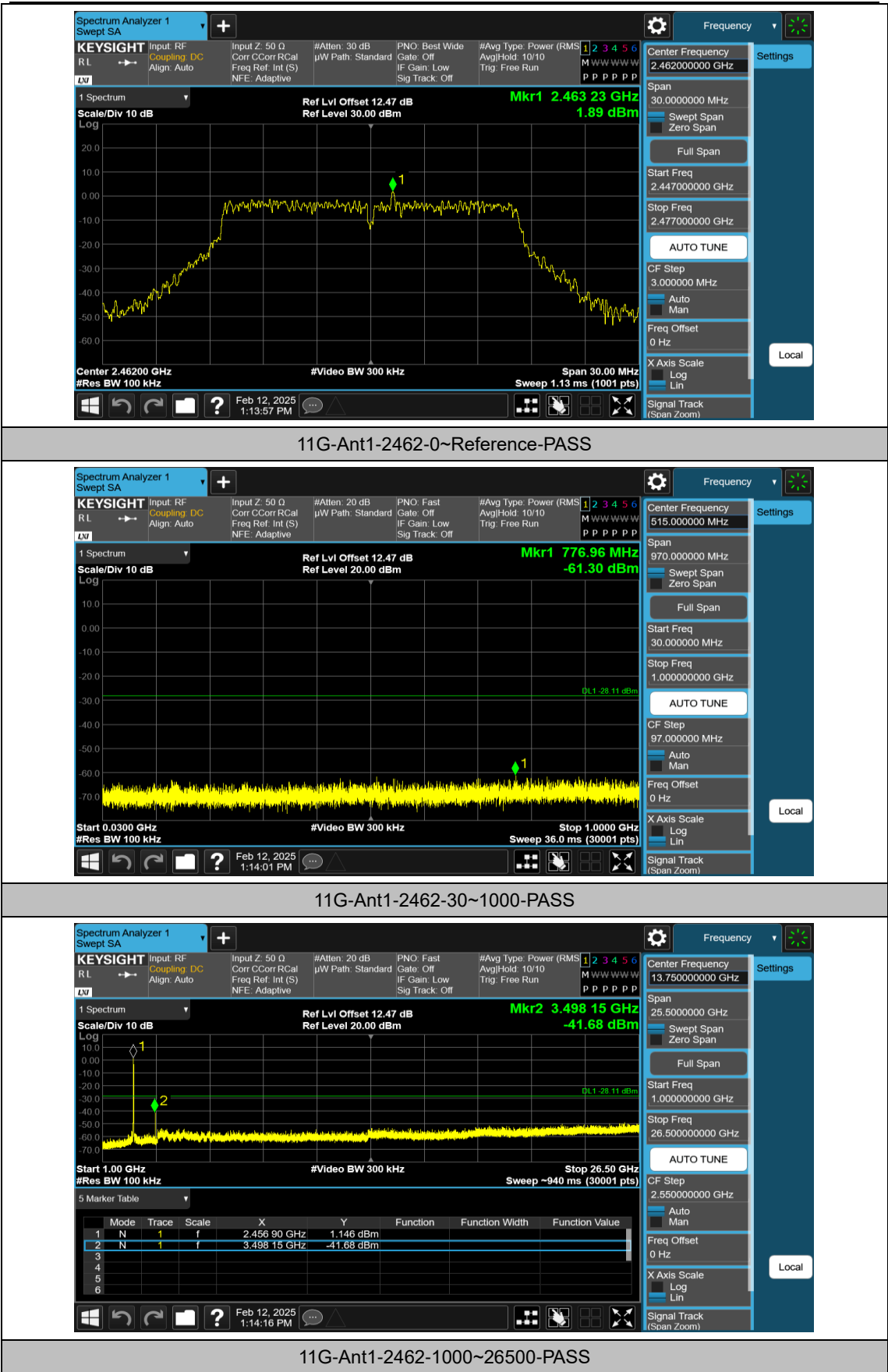
FCC ID:2A64B-DLX71

IC:28593-DLX71



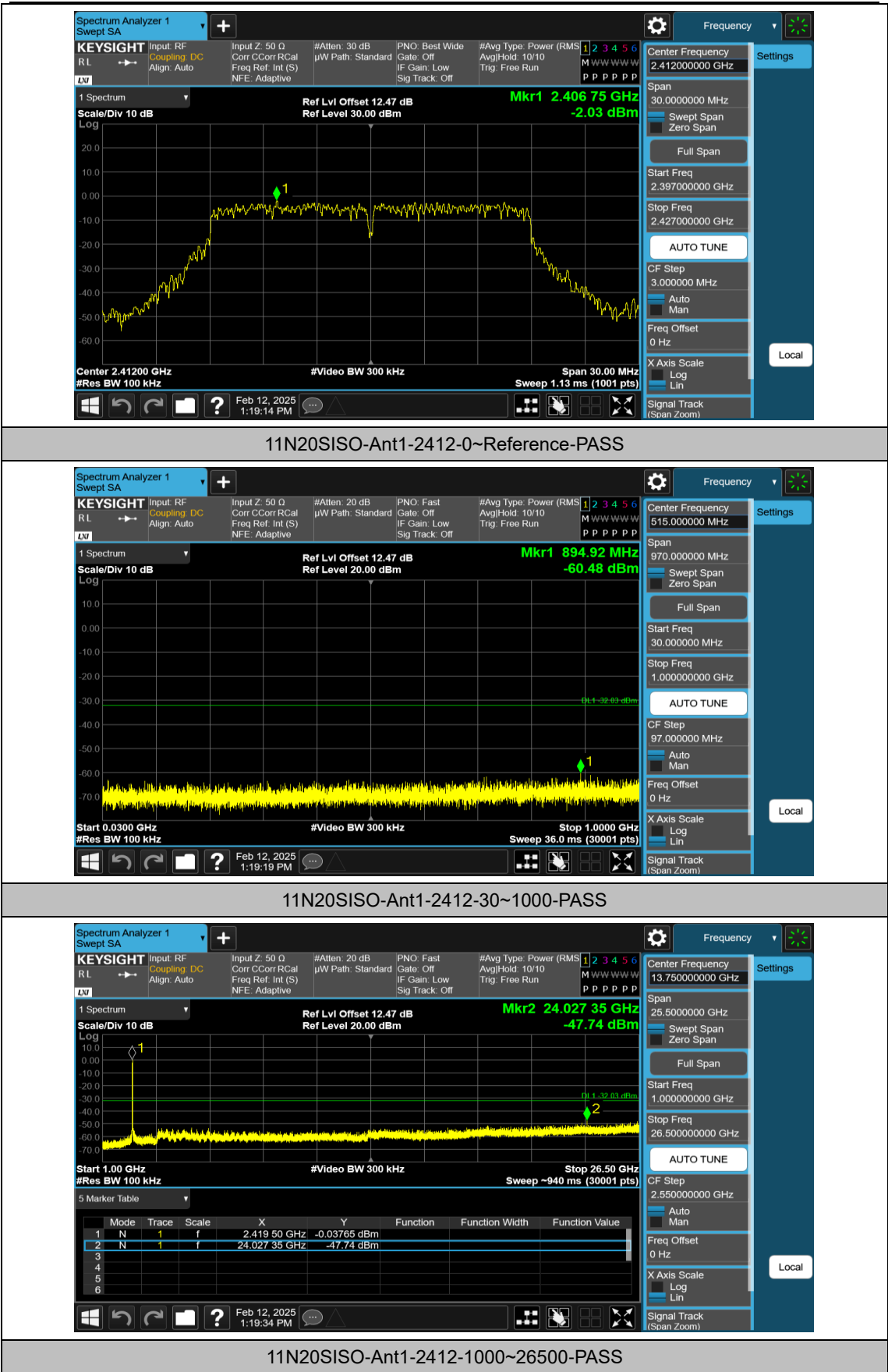
FCC ID:2A64B-DLX71

IC:28593-DLX71



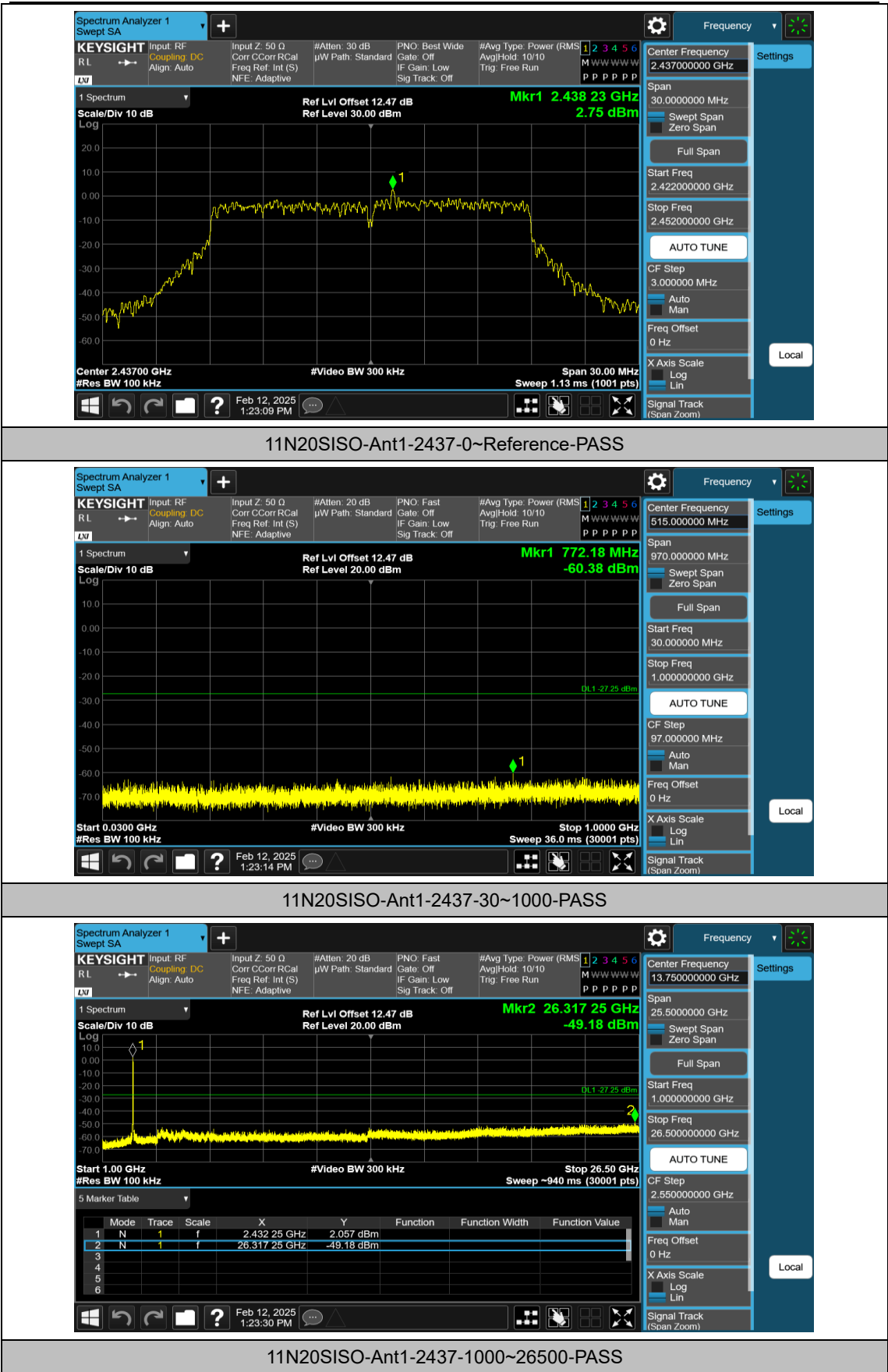
FCC ID:2A64B-DLX71

IC:28593-DLX71



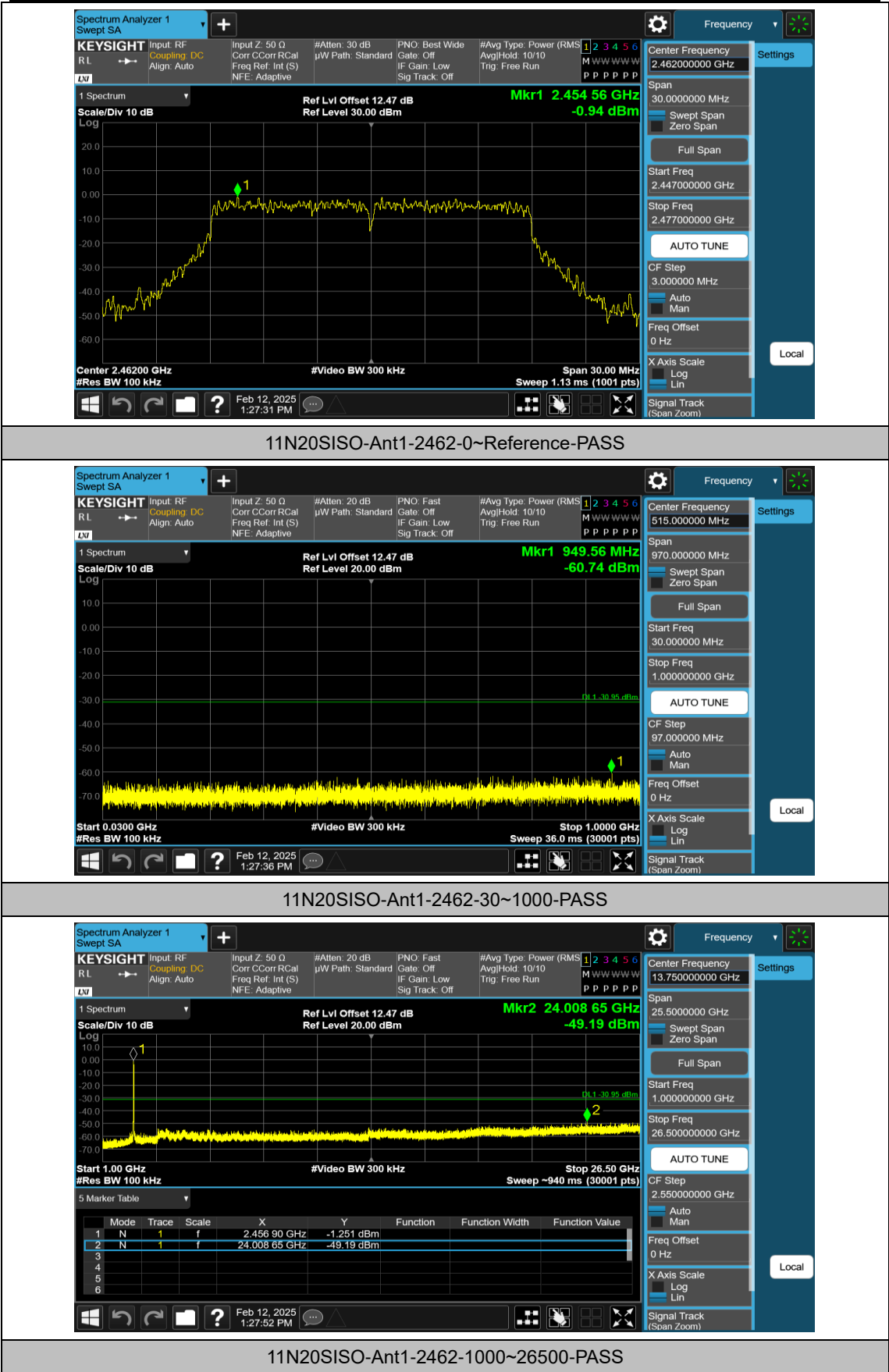
FCC ID:2A64B-DLX71

IC:28593-DLX71



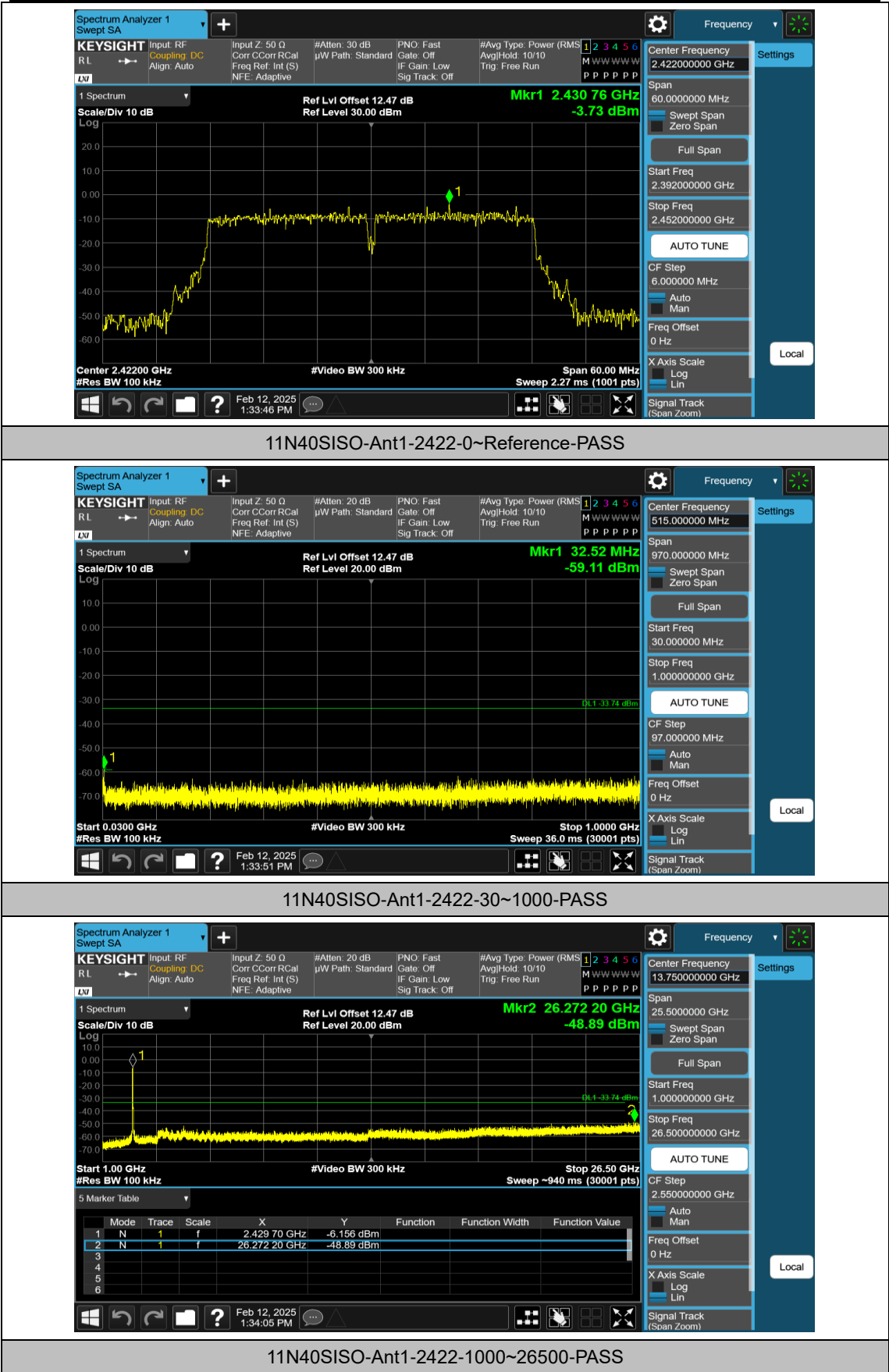
FCC ID:2A64B-DLX71

IC:28593-DLX71



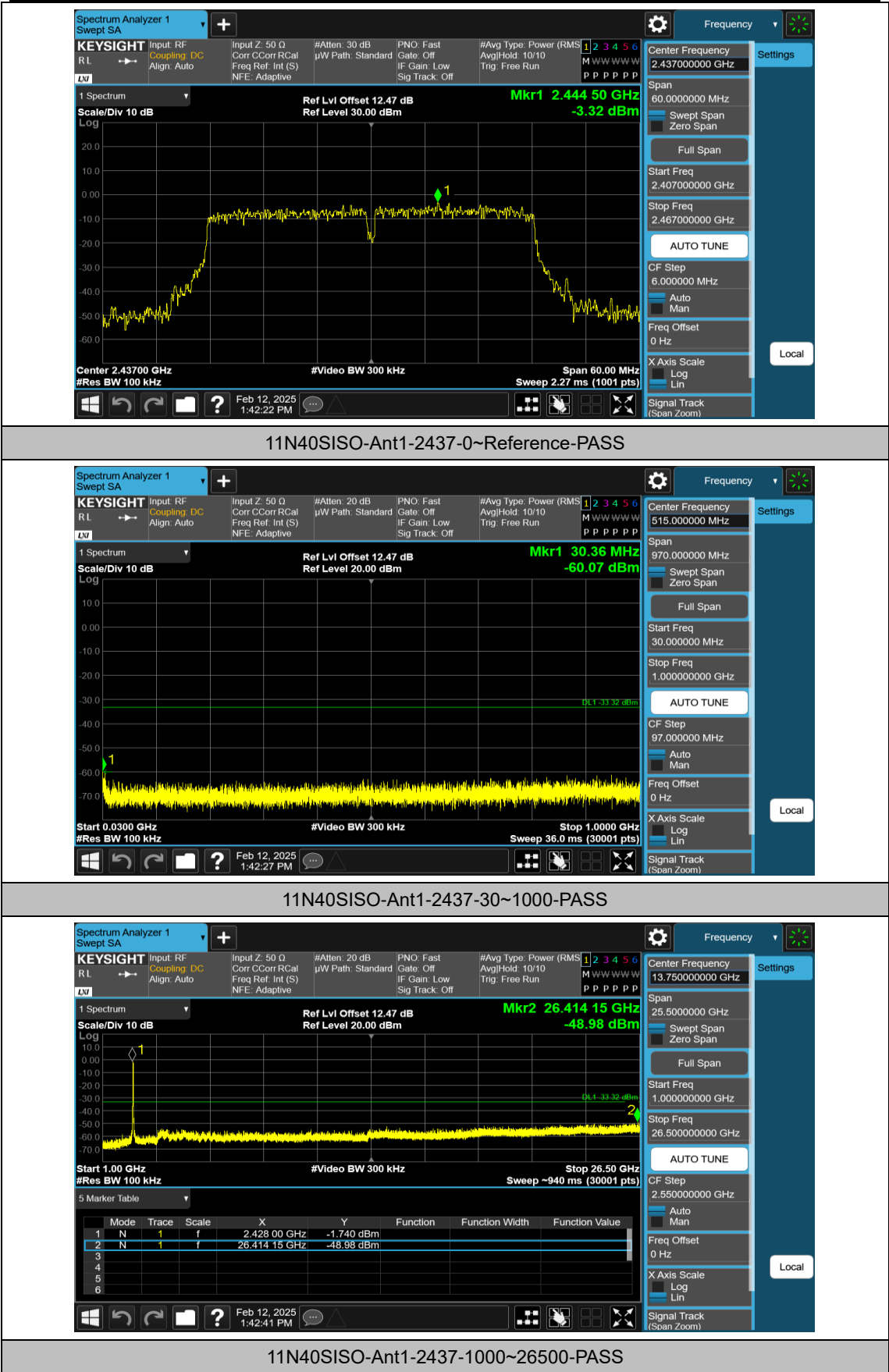
FCC ID:2A64B-DLX71

IC:28593-DLX71



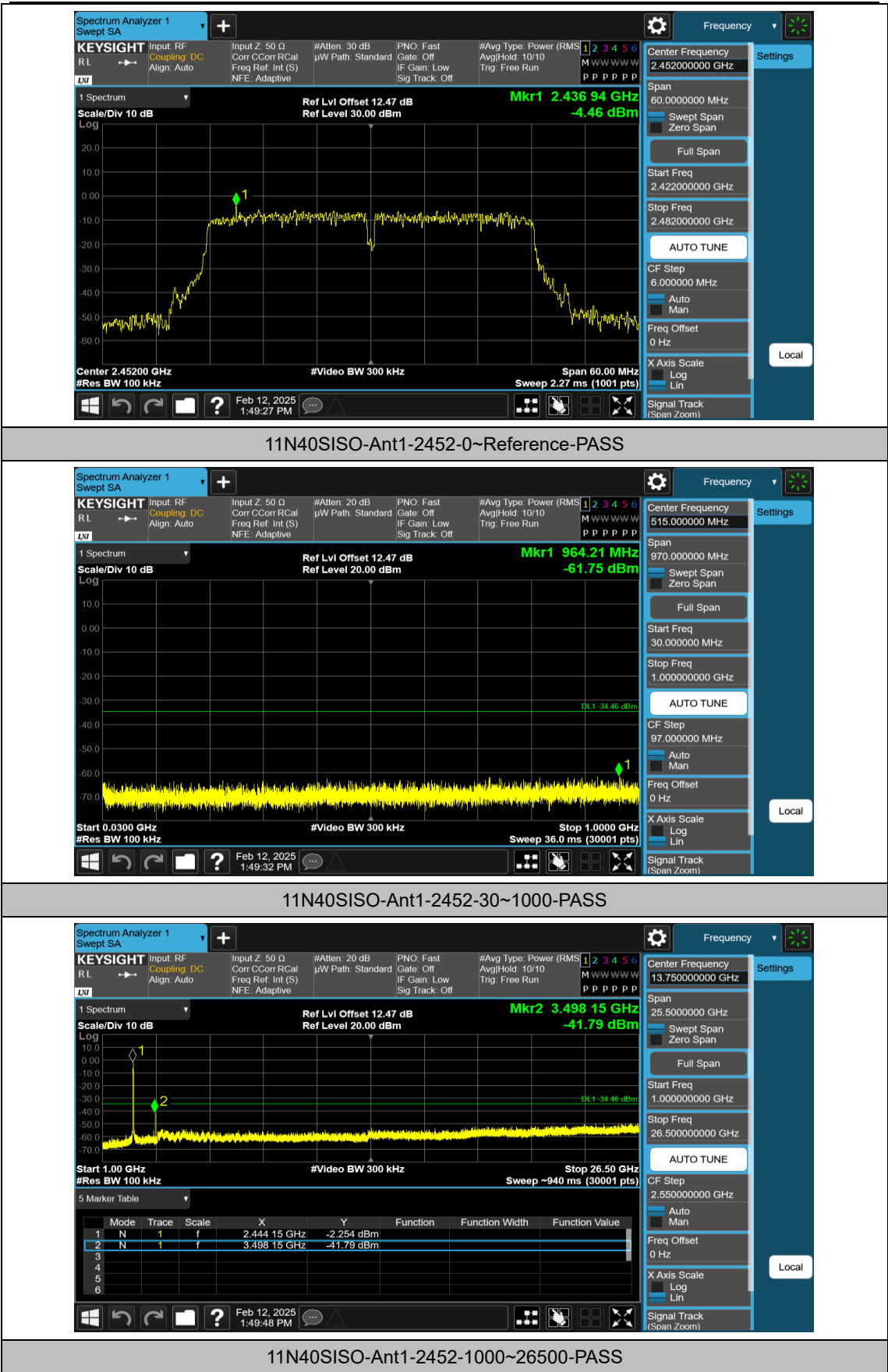
FCC ID:2A64B-DLX71

IC:28593-DLX71



FCC ID:2A64B-DLX71

IC:28593-DLX71



FCC ID: 2A64B-DLX71
IC: 28593-DLX71

Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	12.41	12.54	98.96	0.05
11B	Ant1	2437	7.00	7.00	100.00	0.00
11B	Ant1	2462	12.40	12.58	98.57	0.06
11G	Ant1	2412	2.06	2.12	97.17	0.12
11G	Ant1	2437	2.06	2.23	92.38	0.34
11G	Ant1	2462	2.06	2.17	94.93	0.23
11N20SISO	Ant1	2412	1.92	2.04	94.12	0.26
11N20SISO	Ant1	2437	1.92	1.96	97.96	0.09
11N20SISO	Ant1	2462	1.92	2.09	91.87	0.37
11N40SISO	Ant1	2422	0.95	1.12	84.82	0.72
11N40SISO	Ant1	2437	0.94	1.10	85.45	0.68
11N40SISO	Ant1	2452	0.95	1.07	88.79	0.52

FCC ID:2A64B-DLX71

IC:28593-DLX71

Test Graphs



Spectrum Analyzer 1

Swept SA

KEYSIGHT

Input: RF

RL

Coupling: DC

Align: Auto

Input Z: 50 Ω

Corr: C

Corr: R

Cal: Int (S)

NFE: Adaptive

#Atten: 30 dB

μ W Path: Standard

Gate: Off

IF Gain: Low

Sig Track: Off

#Avg Type: Power (RMS)

Trig: Video

Trig Delay: -2.000 ms

1 2 3 4 5 6

W W W W W W

p p p p p p

Center Frequency

2.437000000 GHz

Span

0.00000000 Hz

Swept Span

Zero Span

Full Span

Start Freq

2.437000000 GHz

Stop Freq

2.437000000 GHz

AUTO TUNE

CF Step

8.000000 MHz

Auto

Man

Freq Offset

0 Hz

X Axis Scale

Log

Lin

Signal Track

(Span Zoom)

Local

1 Spectrum

Scale/Div 10 dB

Log

Ref Lvl Offset 12.47 dB

Ref Level 30.00 dBm

18.95 dBm

Center 2.437000000 GHz

#Video BW 8.0 MHz

Span 0 Hz

Res BW 8 MHz

Sweep 19.0 ms (1001 pts)

5 Marker Table

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1								
2								
3								
4								
5								
6								

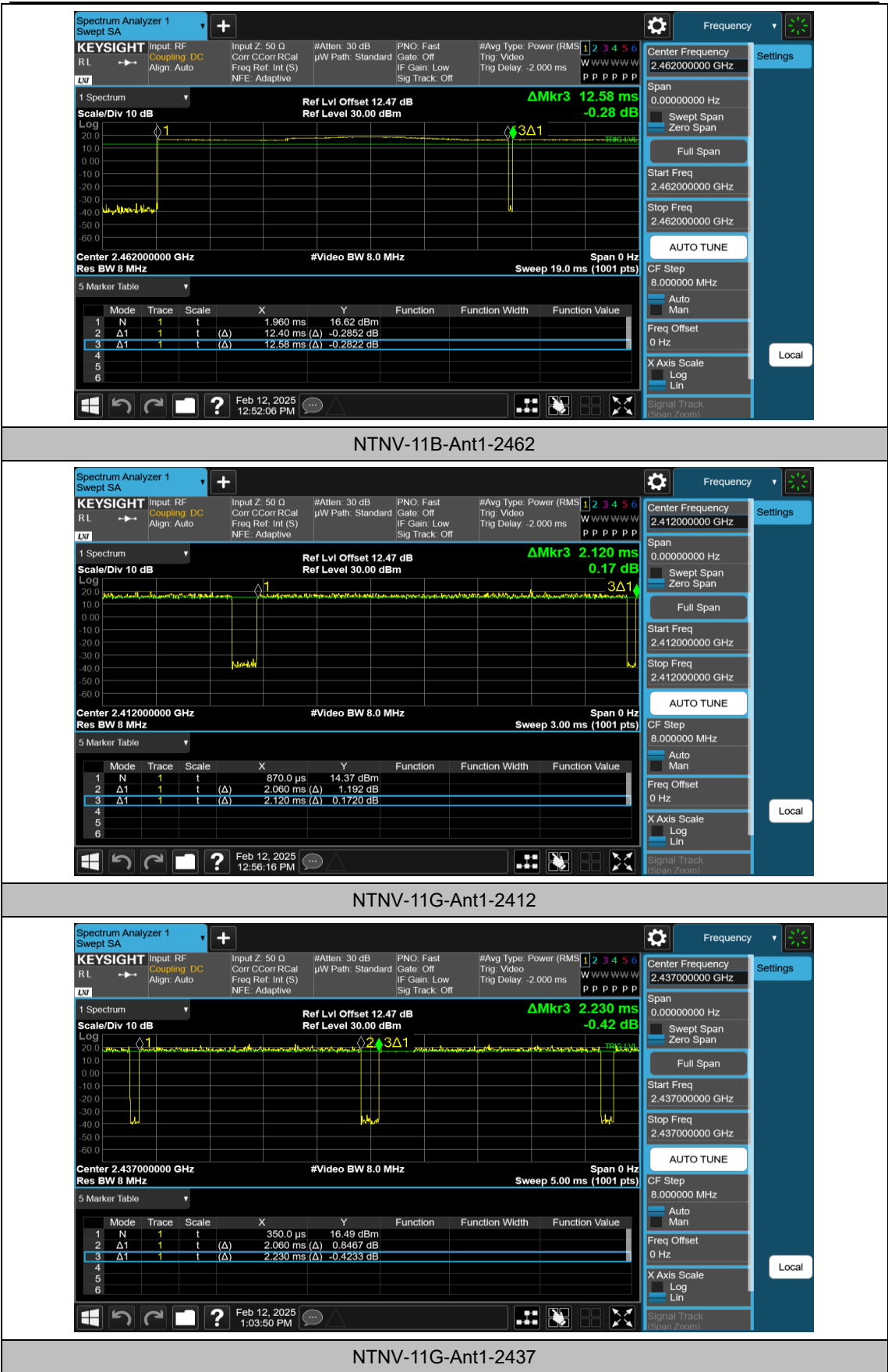
Feb 12, 2025

12:46:44 PM

NTNV-11B-Ant1-2437

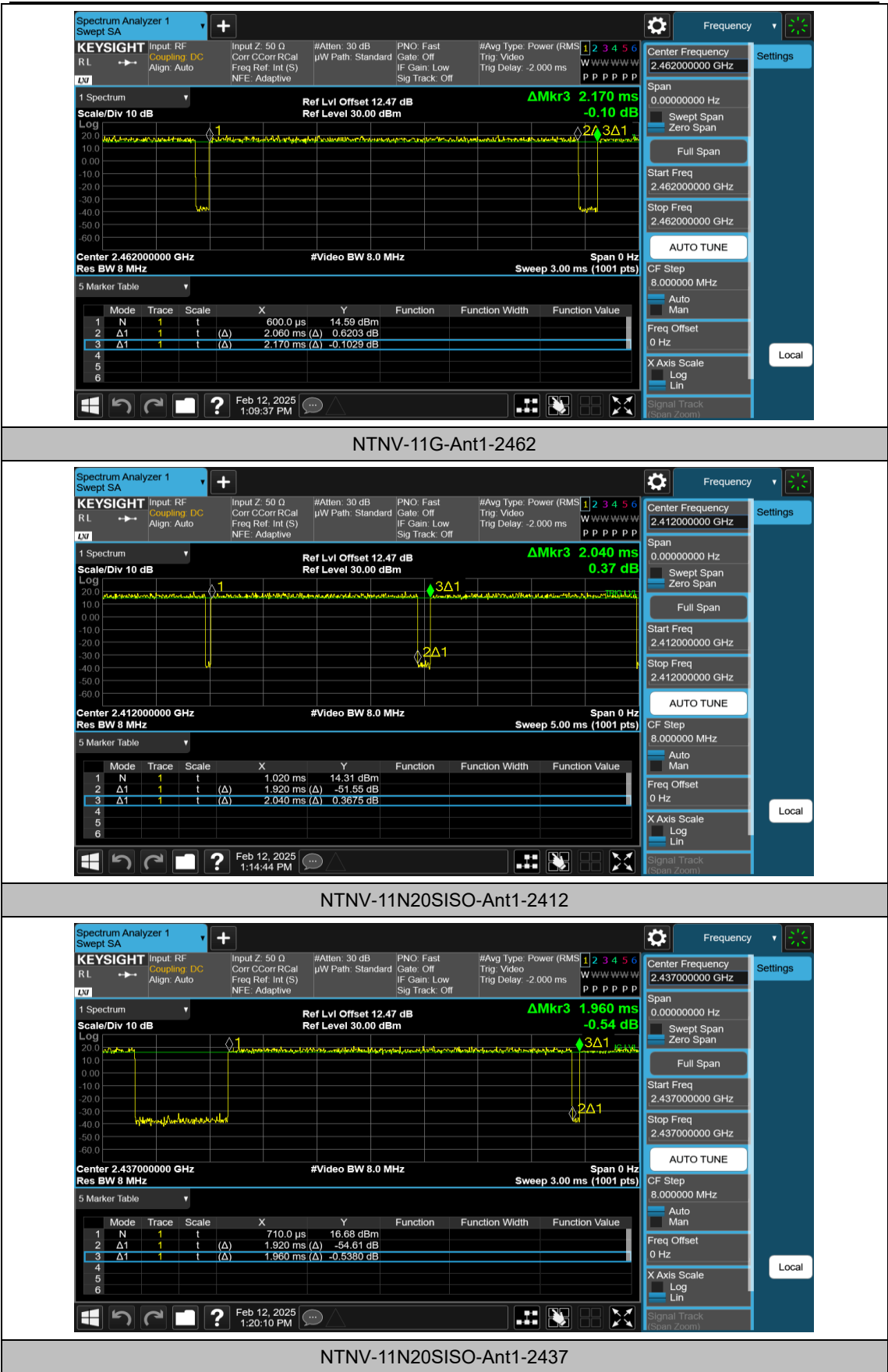
FCC ID:2A64B-DLX71

IC:28593-DLX71



FCC ID:2A64B-DLX71

IC:28593-DLX71



NTNV-11G-Ant1-2462

Spectrum Analyzer 1

Swept SA

KEYSIGHT

Input: RF

Coupling: DC

Align: Auto

Input Z: 50 Ω

Corr: C Corr: R Cal

Freq Ref: Int (S)

NFE: Adaptive

#Atten: 30 dB

μ W Path: Standard

PNO: Fast

Gate: Off

IF Gain: Low

Sig Track: Off

#Avg Type: Power (RMS)

Trig: Video

Trig Delay: -2.000 ms

1 2 3 4 5 6

W W W W W W

P P P P P P

Frequency

Settings

1 Spectrum

Scale/Div 10 dB

Log

Ref Lvl Offset 12.47 dB

Ref Level 30.00 dBm

Δ Mkr3 2.040 ms

0.37 dB

3 1 2

Center 2.412000000 GHz

#Video BW 8.0 MHz

Span 0 Hz

Res BW 8 MHz

Sweep 5.00 ms (1001 pts)

5 Marker Table

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	t	1.020 ms	14.31 dBm			
2	Δ 1	1	t	(Δ)	1.920 ms (Δ)	-51.55 dB		
3	Δ 1	1	t	(Δ)	2.040 ms (Δ)	0.3675 dB		
4								
5								
6								

Feb 12, 2025

1:14:44 PM

Center Frequency

2.412000000 GHz

Span

0.000000000 Hz

Swept Span

Zero Span

Full Span

Start Freq

2.412000000 GHz

Stop Freq

2.412000000 GHz

AUTO TUNE

CF Step

8.0000000 MHz

Auto

Man

Freq Offset

0 Hz

X Axis Scale

Log

Lin

Signal Track

Span Zoom

Local

NTNV-11N20SISO-Ant1-2412

Spectrum Analyzer 1

Swept SA

KEYSIGHT

Input: RF

Coupling: DC

Align: Auto

Input Z: 50 Ω

Corr: C Corr: R Cal

Freq Ref: Int (S)

NFE: Adaptive

#Atten: 30 dB

μ W Path: Standard

PNO: Fast

Gate: Off

IF Gain: Low

Sig Track: Off

#Avg Type: Power (RMS)

Trig: Video

Trig Delay: -2.000 ms

1 2 3 4 5 6

W W W W W W

P P P P P P

Frequency

Settings

1 Spectrum

Scale/Div 10 dB

Log

Ref Lvl Offset 12.47 dB

Ref Level 30.00 dBm

Δ Mkr3 1.960 ms

-0.54 dB

3 1 2

Center 2.437000000 GHz

#Video BW 8.0 MHz

Span 0 Hz

Res BW 8 MHz

Sweep 3.00 ms (1001 pts)

5 Marker Table

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	t	710.0 μ s	16.68 dBm			
2	Δ 1	1	t	(Δ)	1.920 ms (Δ)	-54.61 dB		
3	Δ 1	1	t	(Δ)	1.960 ms (Δ)	-0.5380 dB		
4								
5								
6								

Feb 12, 2025

1:20:10 PM

Center Frequency

2.437000000 GHz

Span

0.000000000 Hz

Swept Span

Zero Span

Full Span

Start Freq

2.437000000 GHz

Stop Freq

2.437000000 GHz

AUTO TUNE

CF Step

8.0000000 MHz

Auto

Man

Freq Offset

0 Hz

X Axis Scale

Log

Lin

Signal Track

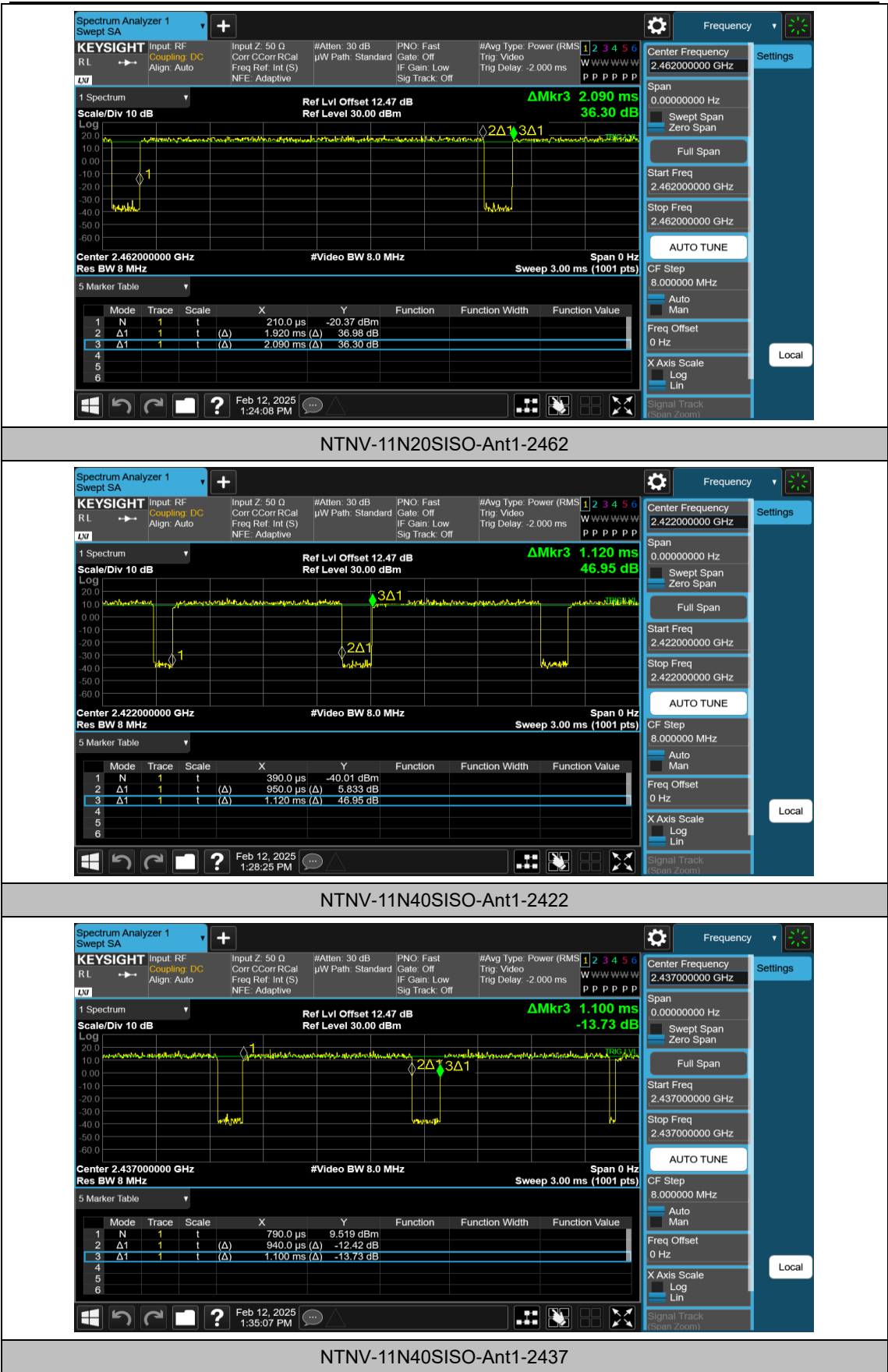
Span Zoom

Local

NTNV-11N20SISO-Ant1-2437

FCC ID:2A64B-DLX71

IC:28593-DLX71



NTNV-11N20SISO-Ant1-2462

Spectrum Analyzer 1

Swept SA

KEYSIGHT

Input: RF

Coupling: DC

Align: Auto

Input Z: 50 Ω

Corr C: Corr

Rcal: Rcal

Freq Ref: Int (S)

NFE: Adaptive

#Atten: 30 dB

μ W Path: Standard

PNO: Fast

Gate: Off

IF Gain: Low

Sig Track: Off

#Avg Type: Power (RMS)

1 2 3 4 5 6

Trig: Video

Trig Delay: -2.000 ms

WWW WWW

PPP PPP

1 Spectrum

Scale/Div 10 dB

Log

Ref Lvl Offset 12.47 dB

Ref Level 30.00 dBm

Δ Mkr3 1.120 ms

46.95 dB

Center 2.422000000 GHz

Res BW 8 MHz

#Video BW 8.0 MHz

Sweep 3.00 ms (1001 pts)

Span 0 Hz

5 Marker Table

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	t	390.0 μ s	-40.01 dBm			
2	Δ 1	1	t	(Δ)	950.0 μ s (Δ)	5.833 dB		
3	Δ 1	1	t	(Δ)	1.120 ms (Δ)	46.95 dB		
4								
5								
6								

Feb 12, 2025

1:28:25 PM

Frequency

Center Frequency

2.422000000 GHz

Span

0.00000000 Hz

Swept Span

Zero Span

Full Span

Start Freq

2.422000000 GHz

Stop Freq

2.422000000 GHz

AUTO TUNE

CF Step

8.000000 MHz

Auto

Man

Freq Offset

0 Hz

X Axis Scale

Log

Lin

Signal Track

Span Zoom

Local

NTNV-11N40SISO-Ant1-2422

Spectrum Analyzer 1

Swept SA

KEYSIGHT

Input: RF

Coupling: DC

Align: Auto

Input Z: 50 Ω

Corr C: Corr

Rcal: Rcal

Freq Ref: Int (S)

NFE: Adaptive

#Atten: 30 dB

μ W Path: Standard

PNO: Fast

Gate: Off

IF Gain: Low

Sig Track: Off

#Avg Type: Power (RMS)

1 2 3 4 5 6

Trig: Video

Trig Delay: -2.000 ms

WWW WWW

PPP PPP

1 Spectrum

Scale/Div 10 dB

Log

Ref Lvl Offset 12.47 dB

Ref Level 30.00 dBm

Δ Mkr3 1.100 ms

-13.73 dB

Center 2.437000000 GHz

Res BW 8 MHz

#Video BW 8.0 MHz

Sweep 3.00 ms (1001 pts)

Span 0 Hz

5 Marker Table

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	t	790.0 μ s	9.519 dBm			
2	Δ 1	1	t	(Δ)	940.0 μ s (Δ)	-12.42 dB		
3	Δ 1	1	t	(Δ)	1.100 ms (Δ)	-13.73 dB		
4								
5								
6								

Feb 12, 2025

1:35:07 PM

Frequency

Center Frequency

2.437000000 GHz

Span

0.00000000 Hz

Swept Span

Zero Span

Full Span

Start Freq

2.437000000 GHz

Stop Freq

2.437000000 GHz

AUTO TUNE

CF Step

8.000000 MHz

Auto

Man

Freq Offset

0 Hz

X Axis Scale

Log

Lin

Signal Track

Span Zoom

Local

NTNV-11N40SISO-Ant1-2437