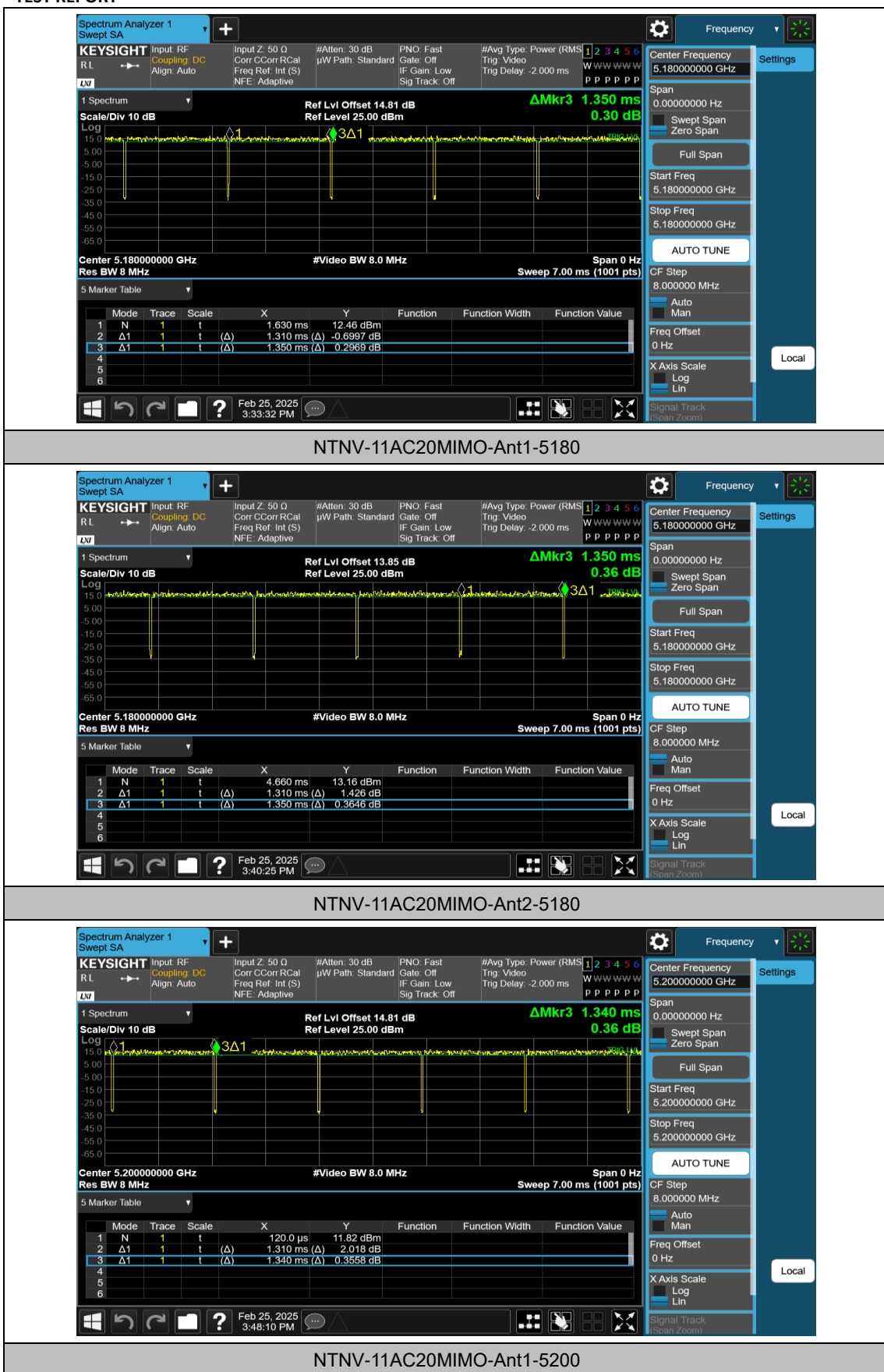




NTNV-11AC20MIMO-Ant1-5180

Spectrum Analyzer 1

Swept SA

KEYSIGHT

Input: RF

Coupling: DC

Align: Auto

Input Z: 50 Ω

Corr: CCorr: 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)

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

5.180000000 GHz

Span

0.00000000 Hz

Swept Span

Zero Span

Full Span

Start Freq

5.180000000 GHz

Stop Freq

5.180000000 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 13.85 dB

Ref Level 25.00 dBm

Δ Mkr3 1.350 ms

0.36 dB

3 Δ 1

Center 5.180000000 GHz

#Video BW 8.0 MHz

Span 0 Hz

Res BW 8 MHz

Sweep 7.00 ms (1001 pts)

5 Marker Table

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	t	4.660 ms	13.16 dBm			
2	Δ 1	1	t	(Δ)	1.310 ms (Δ)	1.426 dB		
3	Δ 1	1	t	(Δ)	1.350 ms (Δ)	0.3646 dB		
4								
5								
6								

Feb 25, 2025

3:40:25 PM

NTNV-11AC20MIMO-Ant2-5180

Spectrum Analyzer 1

Swept SA

KEYSIGHT

Input: RF

Coupling: DC

Align: Auto

Input Z: 50 Ω

Corr: CCorr: 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)

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

5.200000000 GHz

Span

0.00000000 Hz

Swept Span

Zero Span

Full Span

Start Freq

5.200000000 GHz

Stop Freq

5.200000000 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 14.81 dB

Ref Level 25.00 dBm

Δ Mkr3 1.340 ms

0.36 dB

3 Δ 1

Center 5.200000000 GHz

#Video BW 8.0 MHz

Span 0 Hz

Res BW 8 MHz

Sweep 7.00 ms (1001 pts)

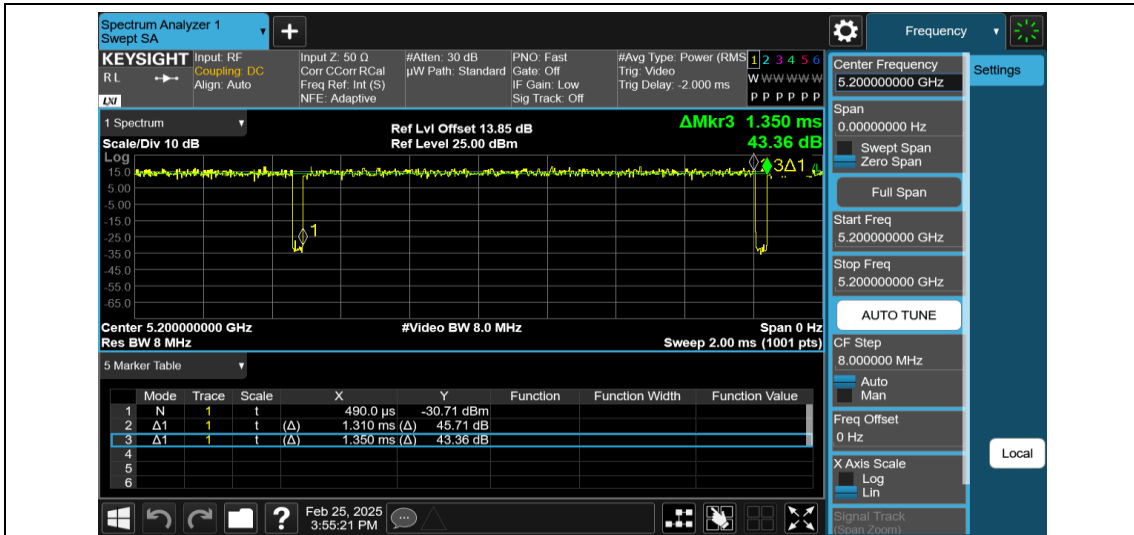
5 Marker Table

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	t	120.0 μ s	11.82 dBm			
2	Δ 1	1	t	(Δ)	1.310 ms (Δ)	2.018 dB		
3	Δ 1	1	t	(Δ)	1.340 ms (Δ)	0.3558 dB		
4								
5								
6								

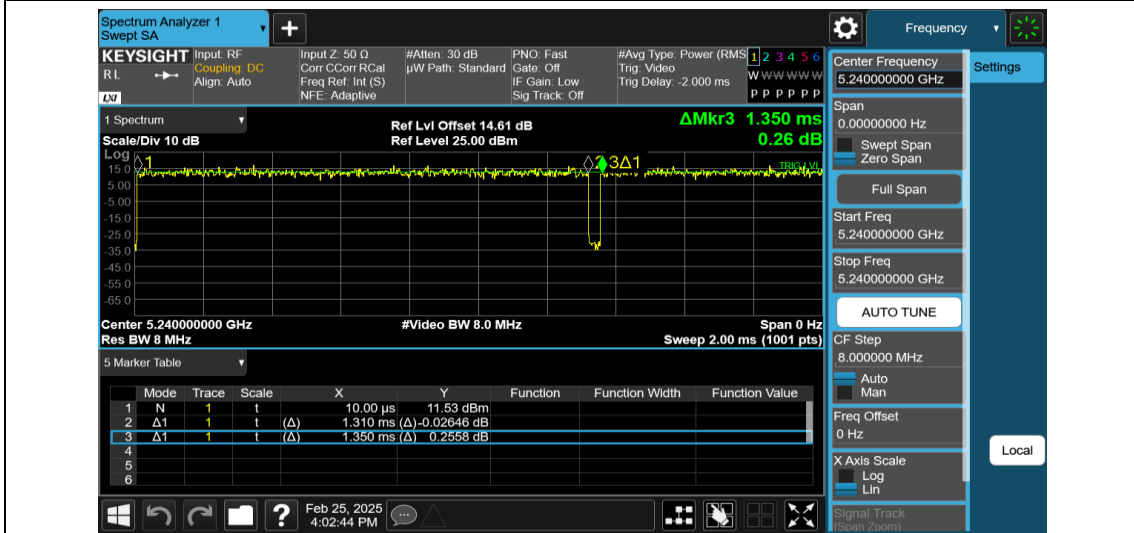
Feb 25, 2025

3:48:10 PM

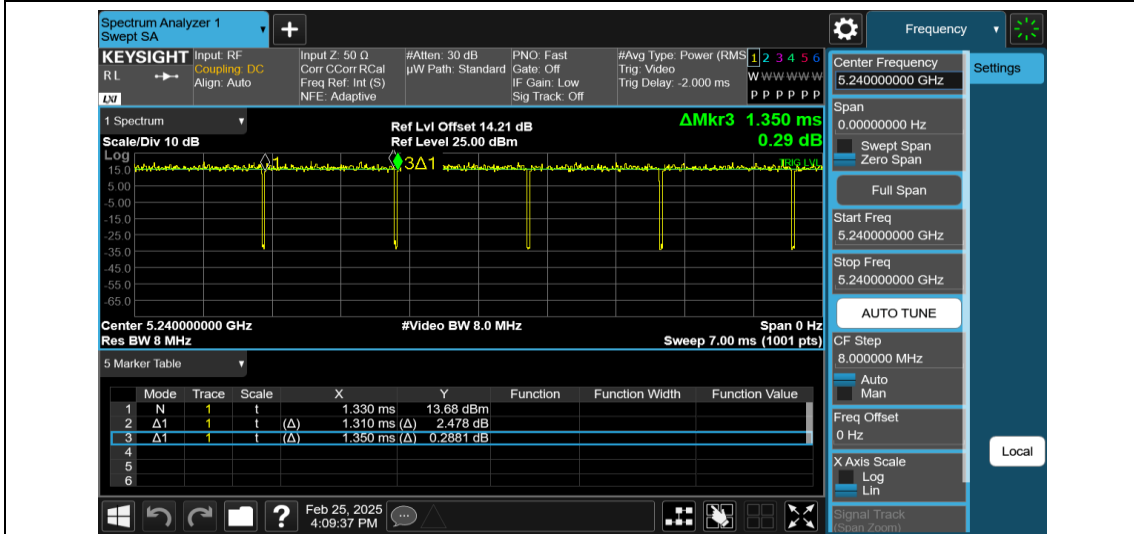
NTNV-11AC20MIMO-Ant1-5200



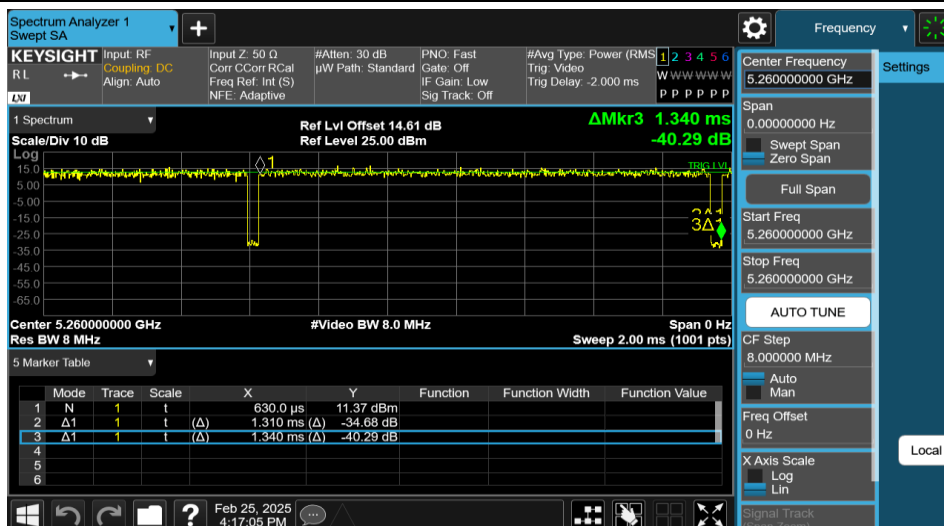
NTNV-11AC20MIMO-Ant2-5200



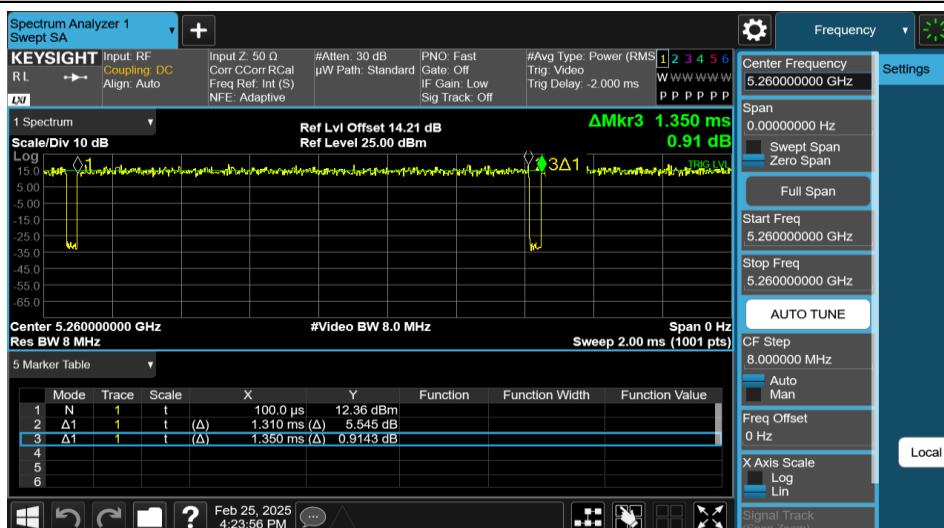
NTNV-11AC20MIMO-Ant1-5240



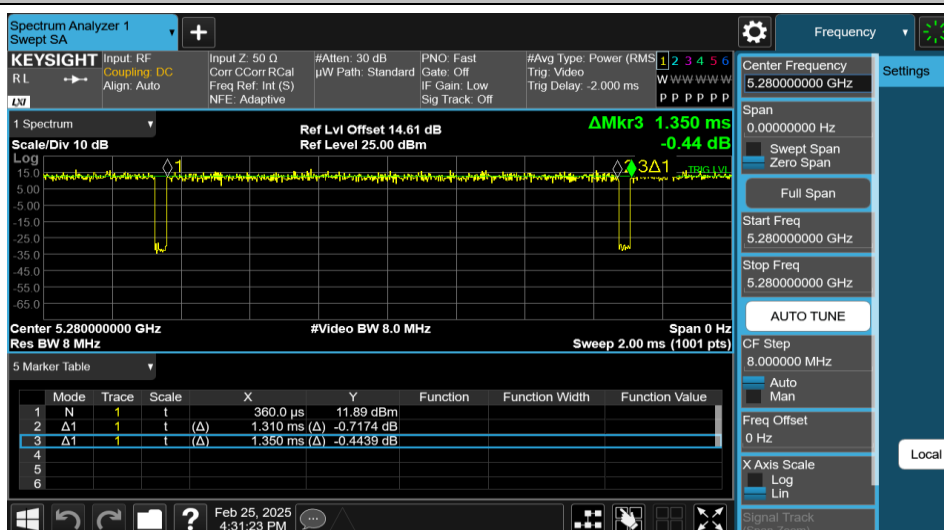
NTNV-11AC20MIMO-Ant2-5240



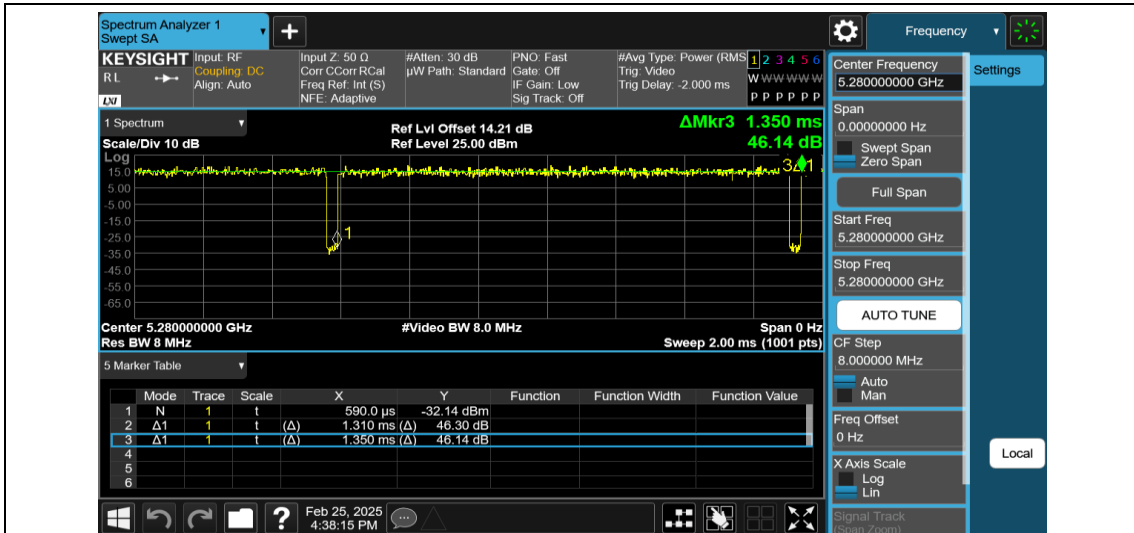
NTNV-11AC20MIMO-Ant1-5260



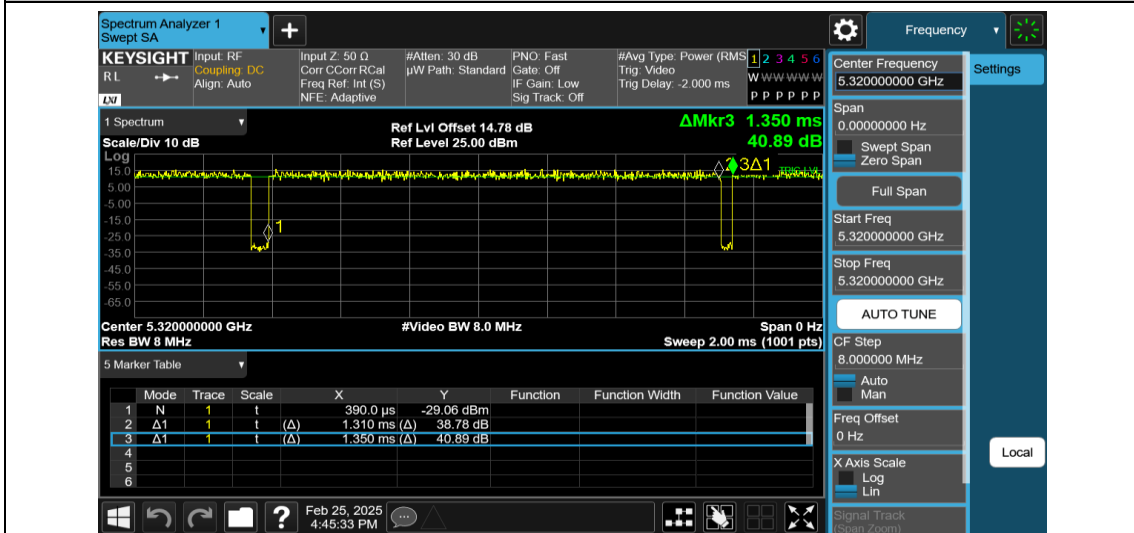
NTNV-11AC20MIMO-Ant2-5260



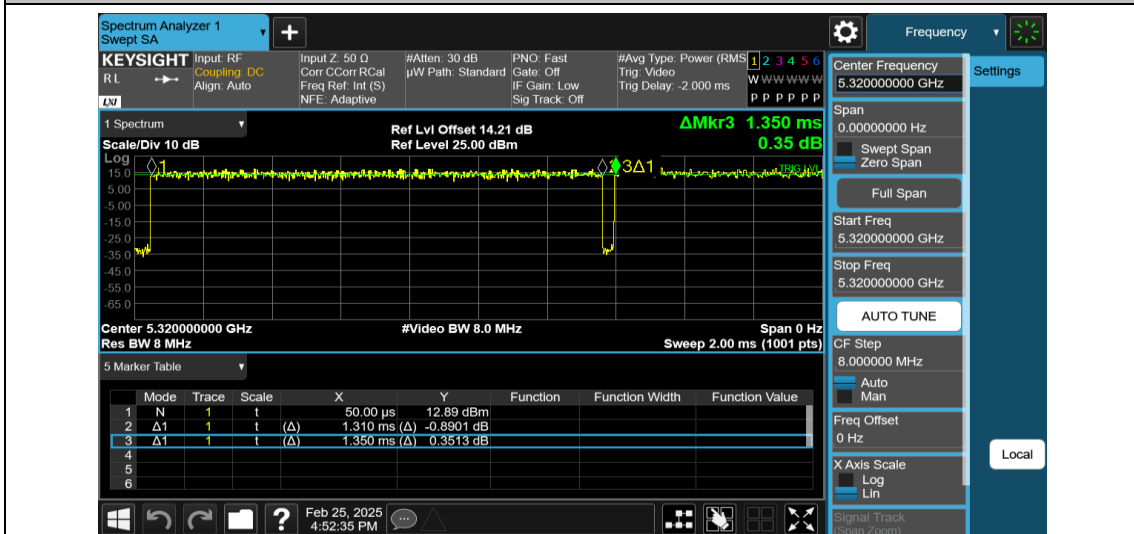
NTNV-11AC20MIMO-Ant1-5280



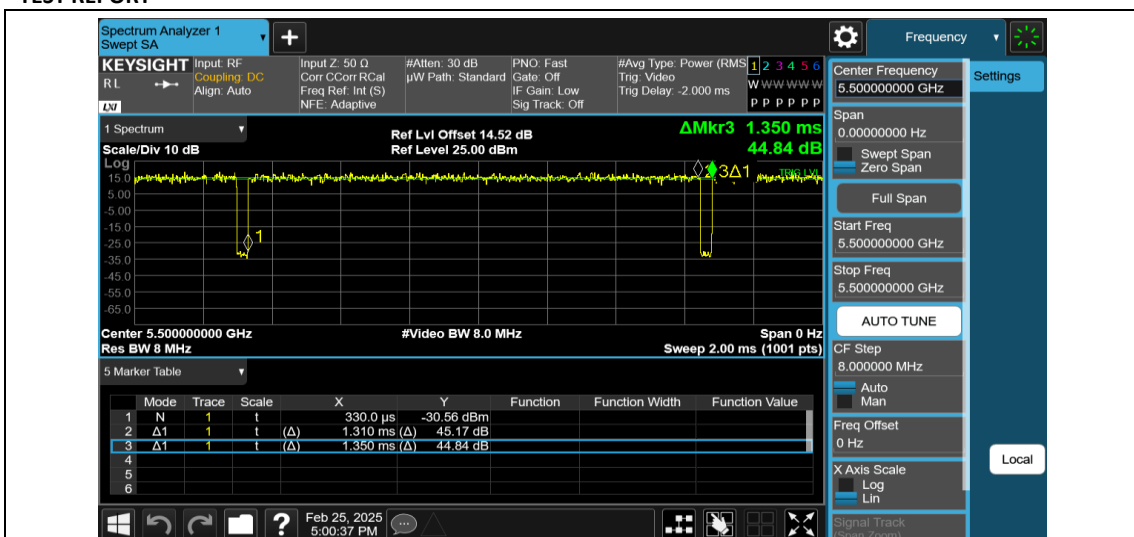
NTNV-11AC20MIMO-Ant2-5280



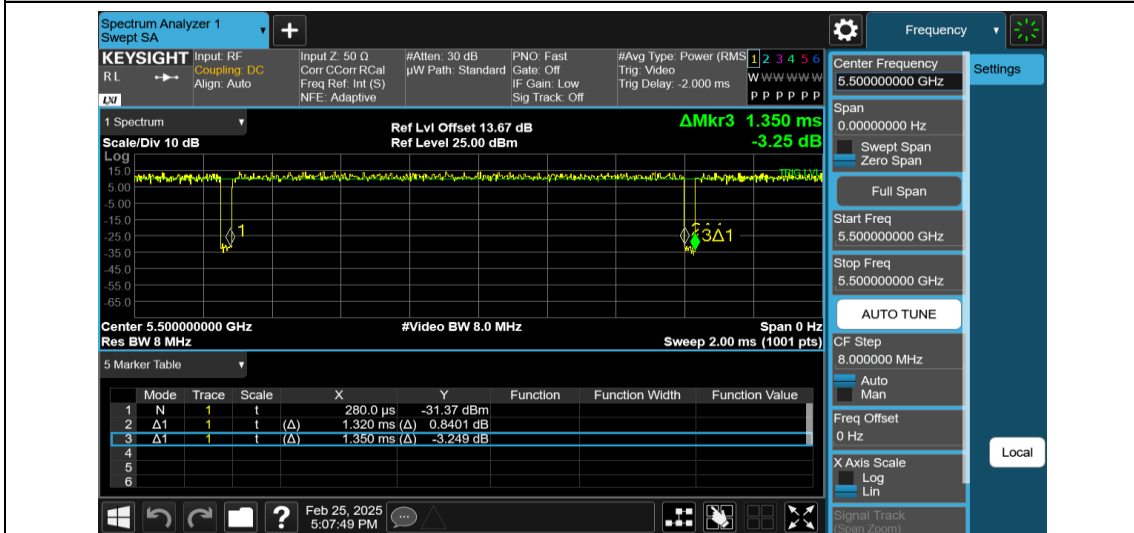
NTNV-11AC20MIMO-Ant1-5320



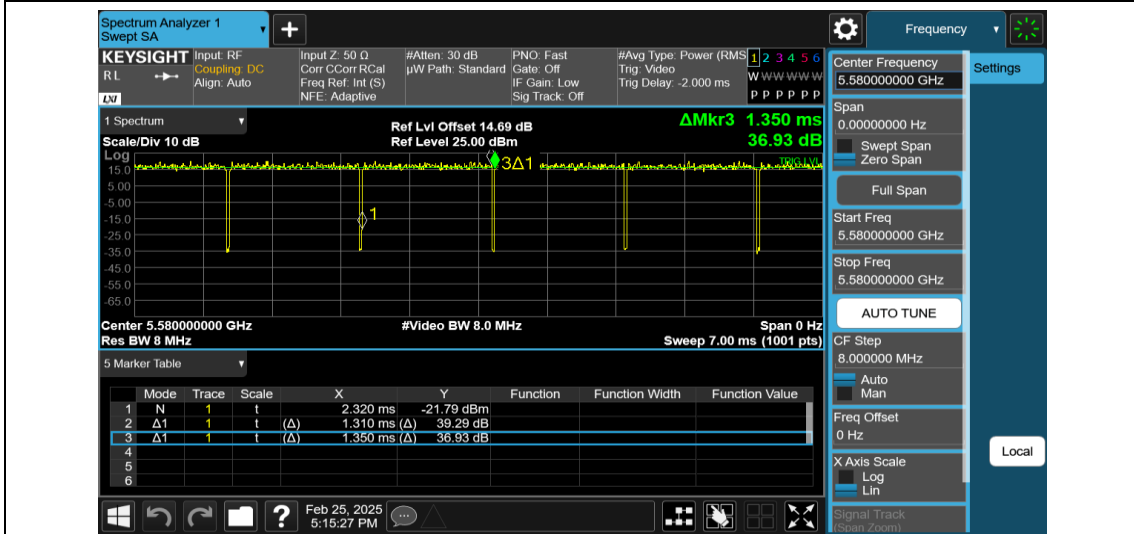
NTNV-11AC20MIMO-Ant2-5320



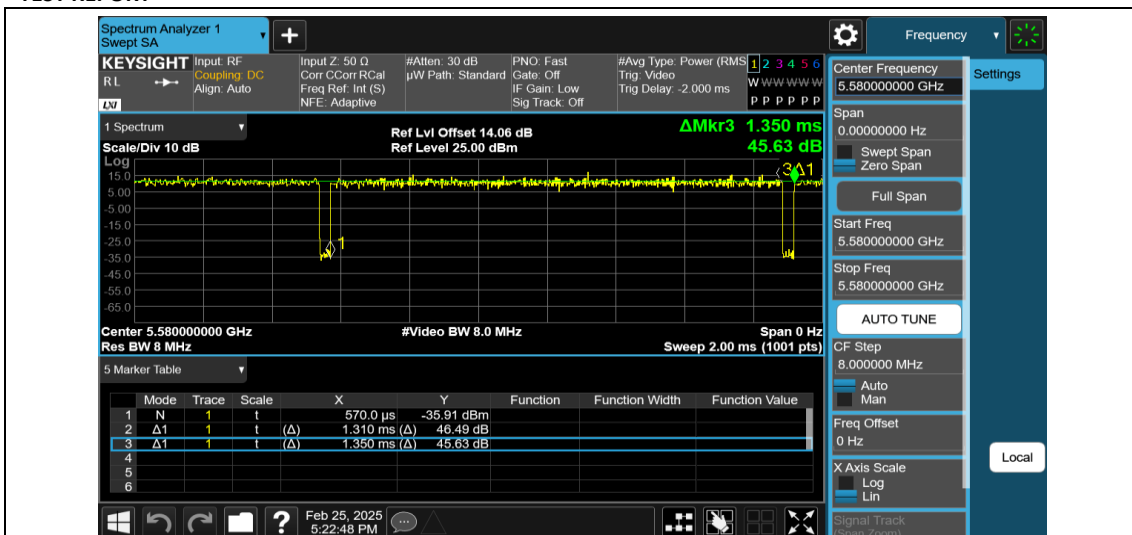
NTNV-11AC20MIMO-Ant1-5500



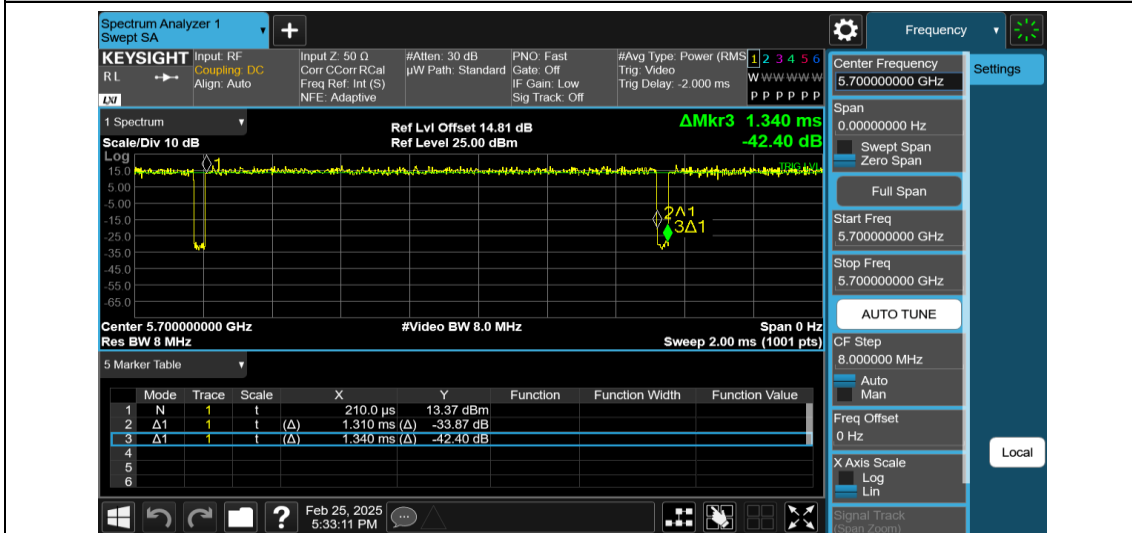
NTNV-11AC20MIMO-Ant2-5500



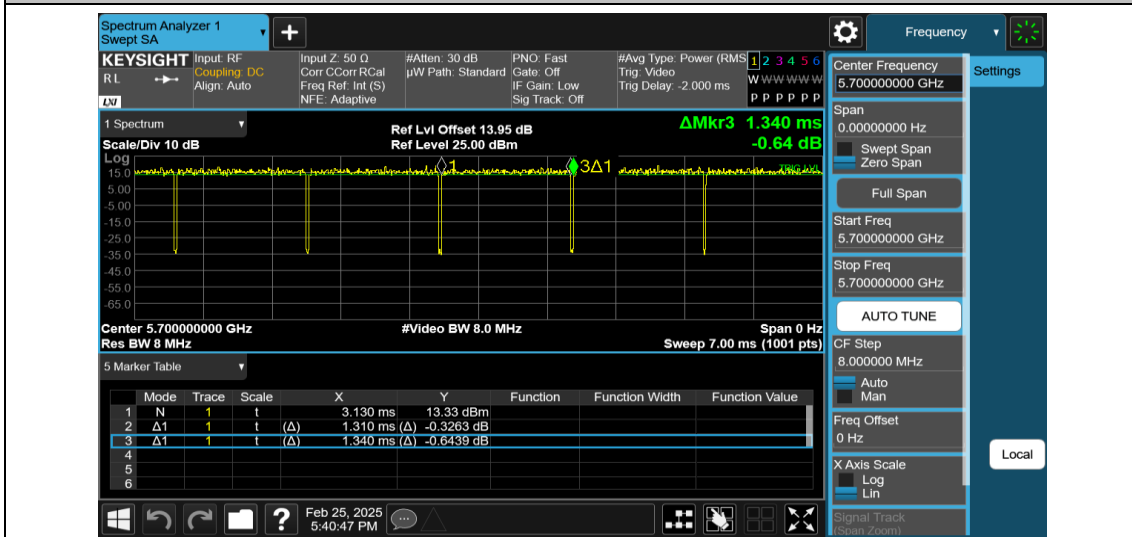
NTNV-11AC20MIMO-Ant1-5580



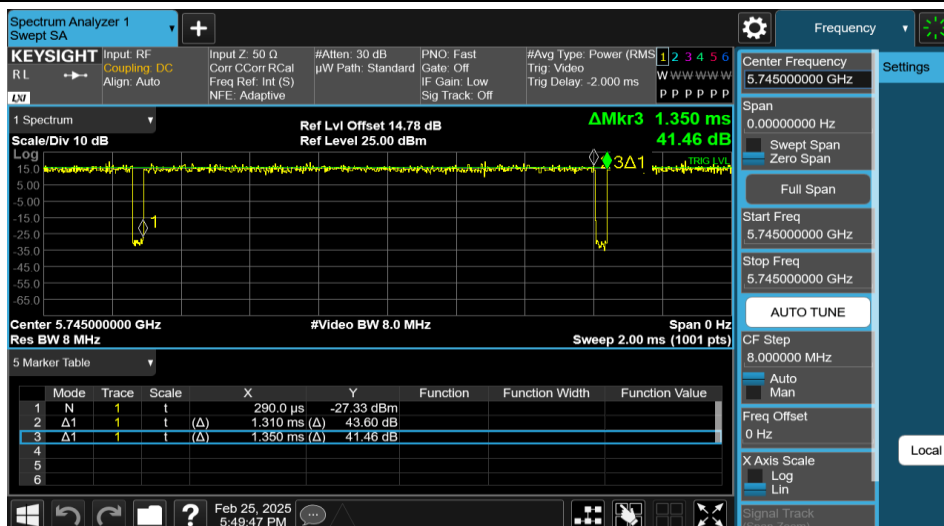
NTNV-11AC20MIMO-Ant2-5580



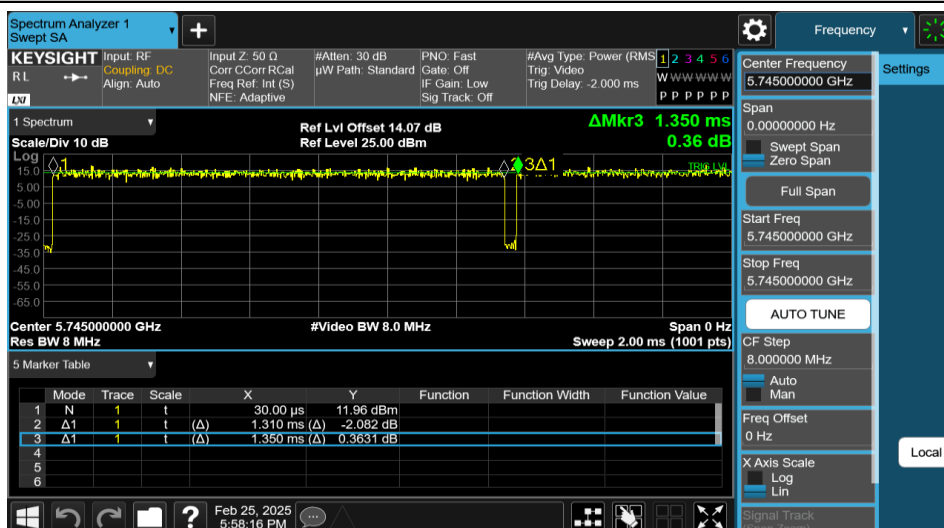
NTNV-11AC20MIMO-Ant1-5700



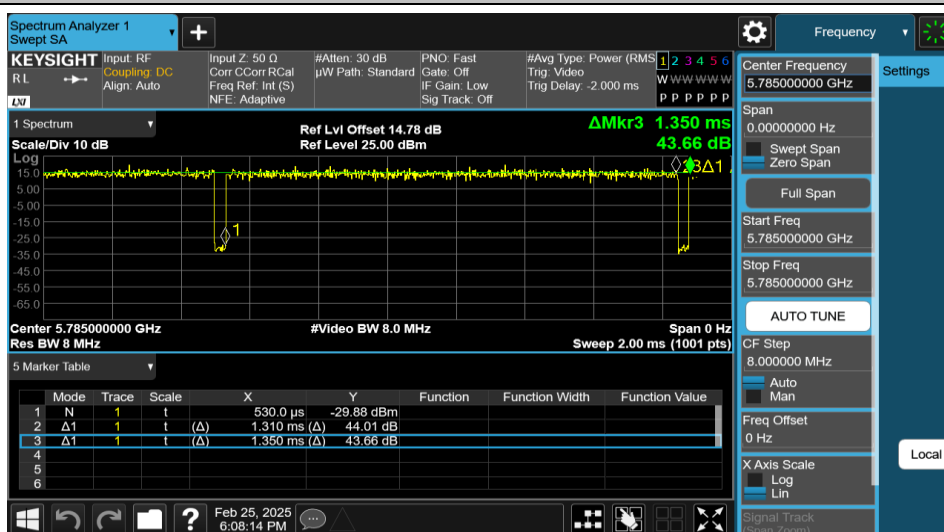
NTNV-11AC20MIMO-Ant2-5700



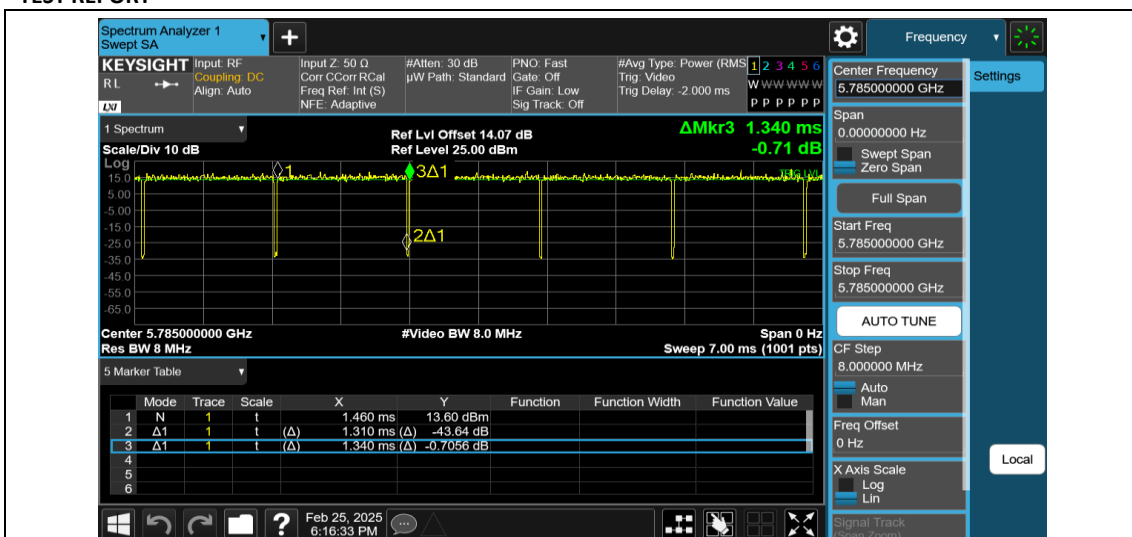
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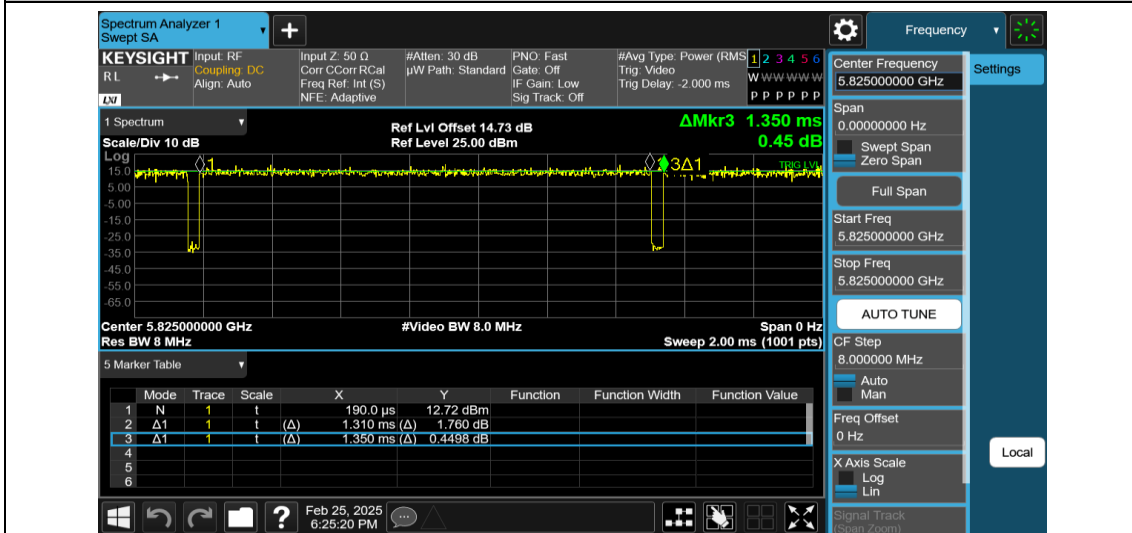
NTNV-11AC20MIMO-Ant2-5745



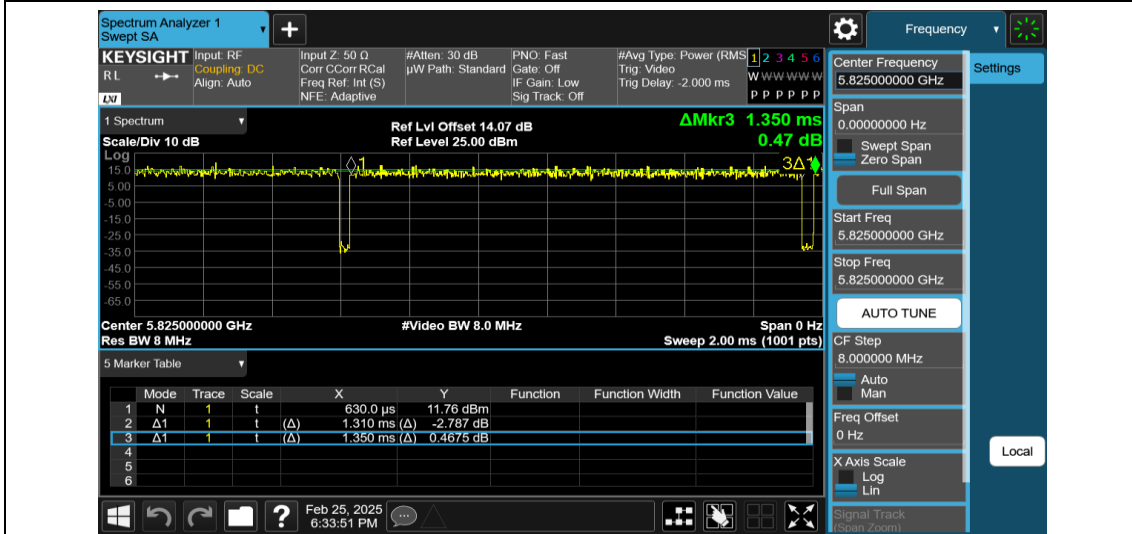
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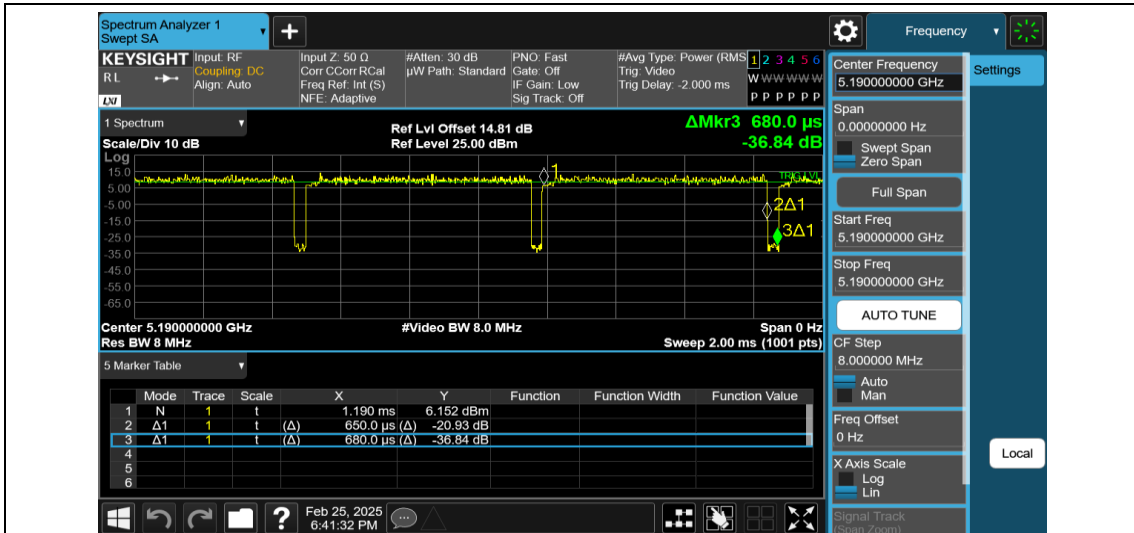
NTNV-11AC20MIMO-Ant2-5785



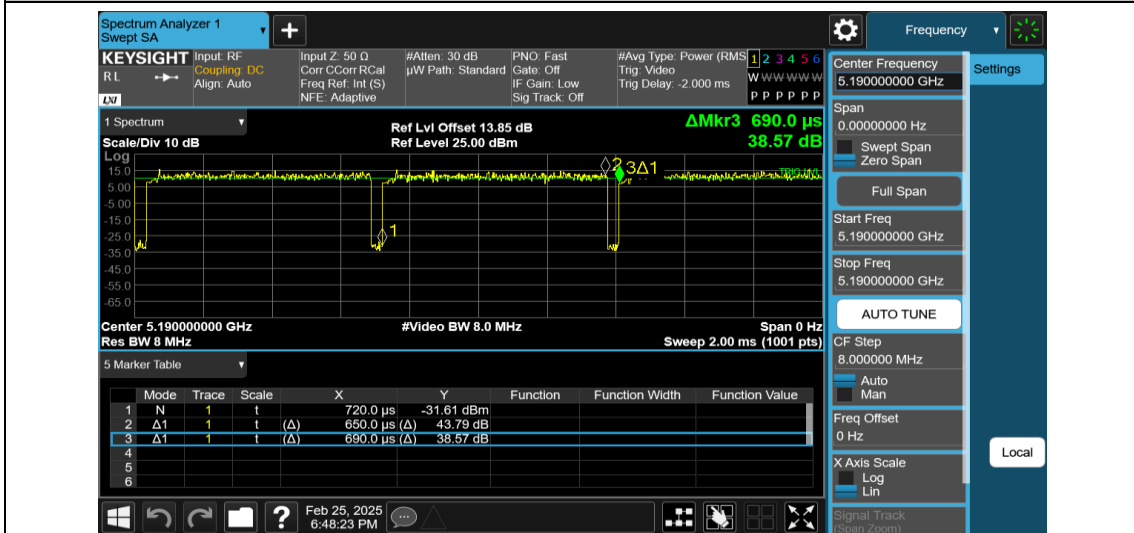
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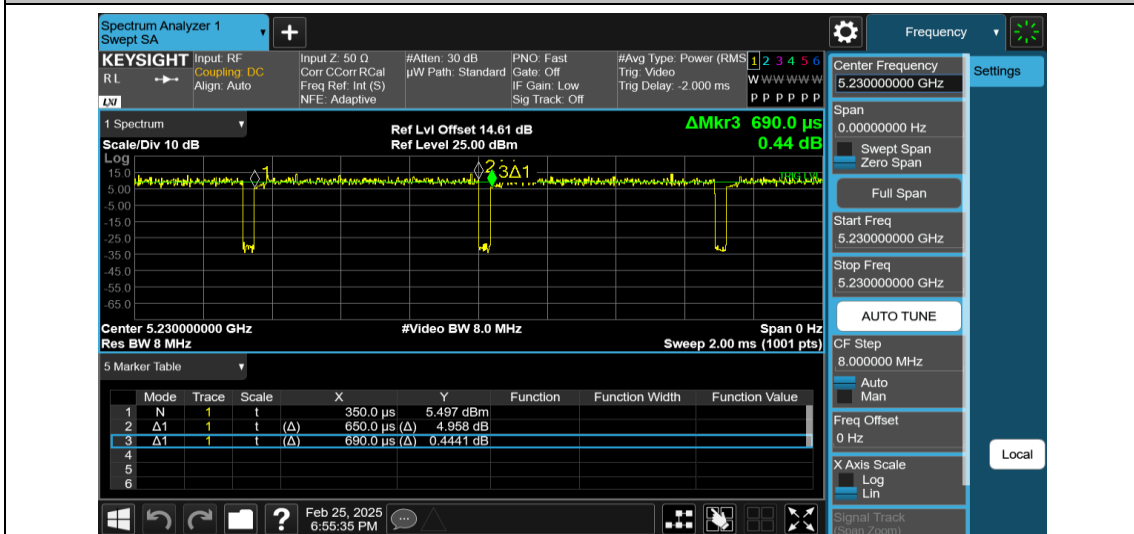
NTNV-11AC20MIMO-Ant2-5825



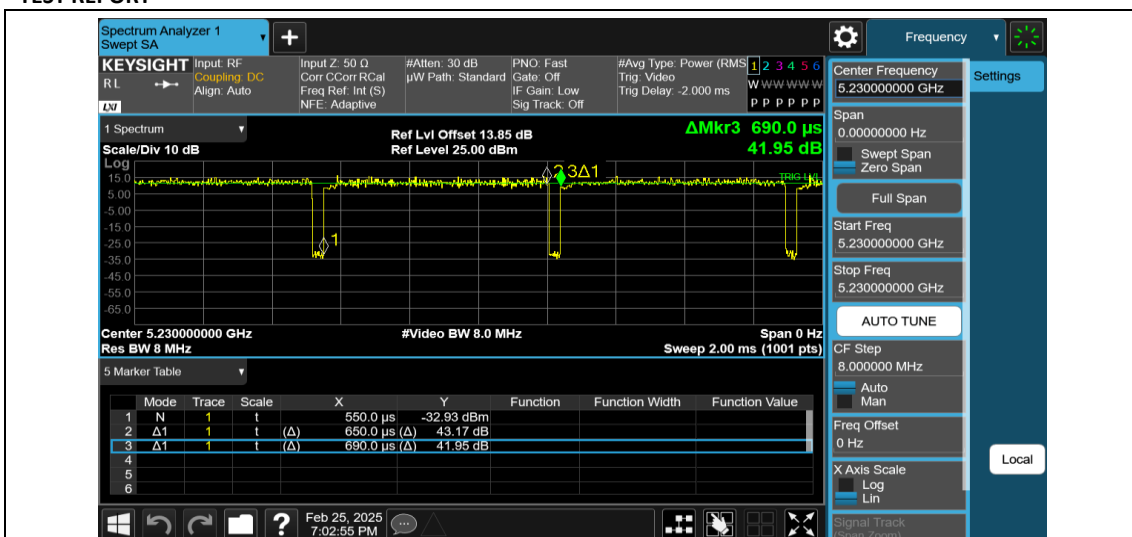
NTNV-11AC40MIMO-Ant1-5190



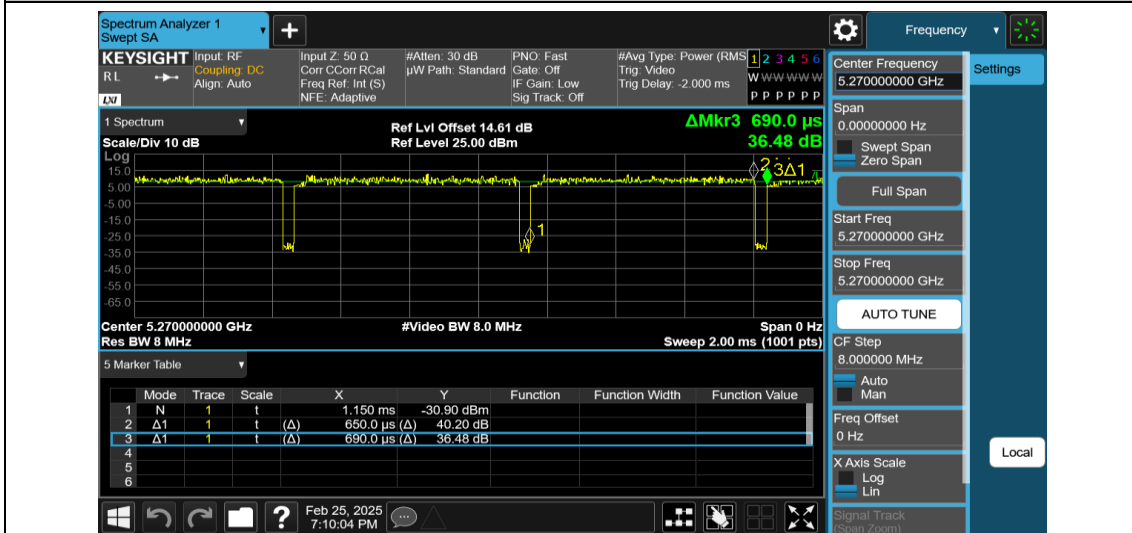
NTNV-11AC40MIMO-Ant2-5190



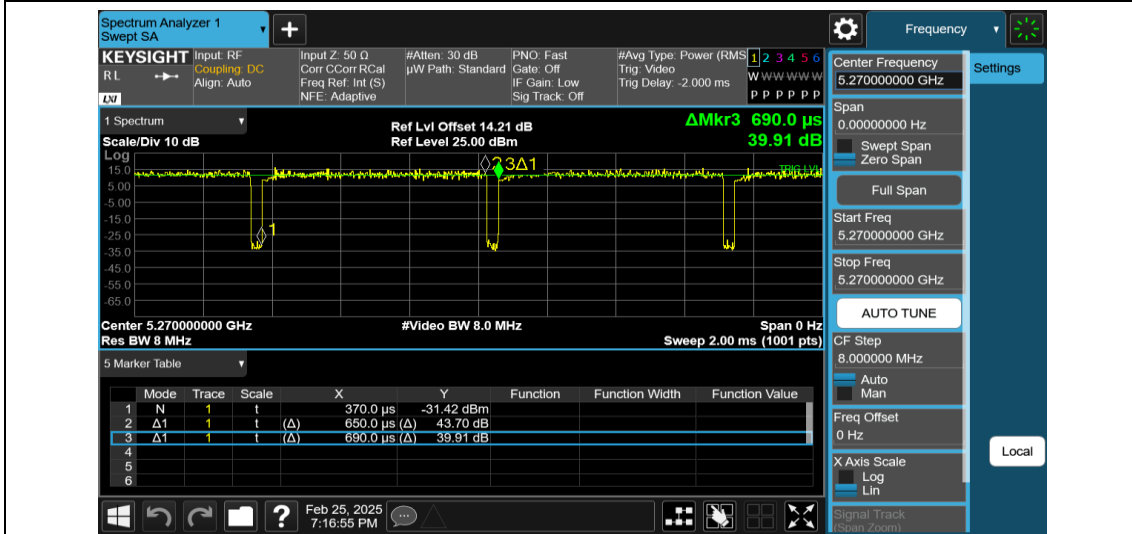
NTNV-11AC40MIMO-Ant1-5230



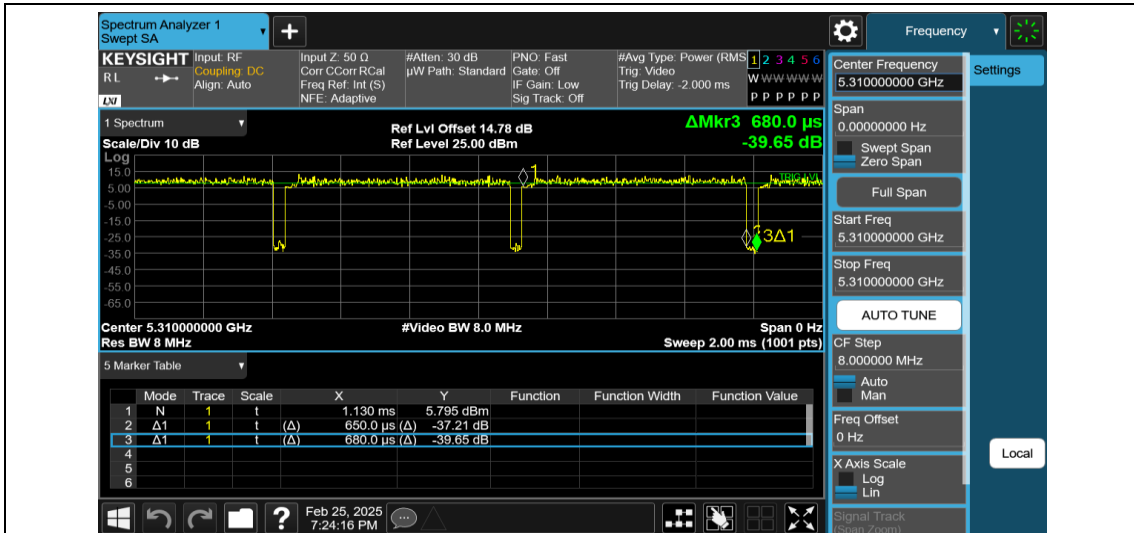
NTNV-11AC40MIMO-Ant2-5230



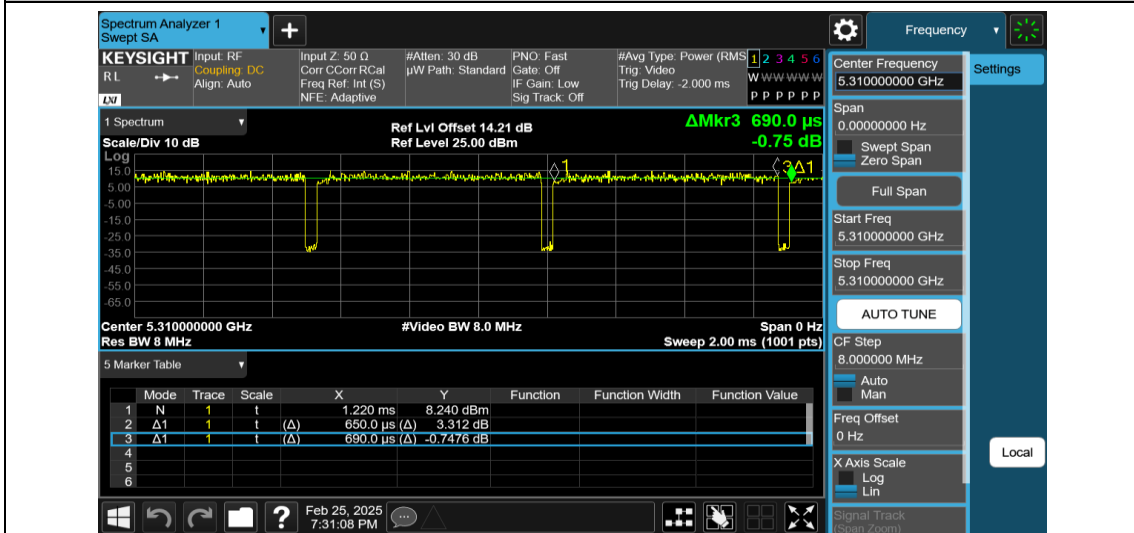
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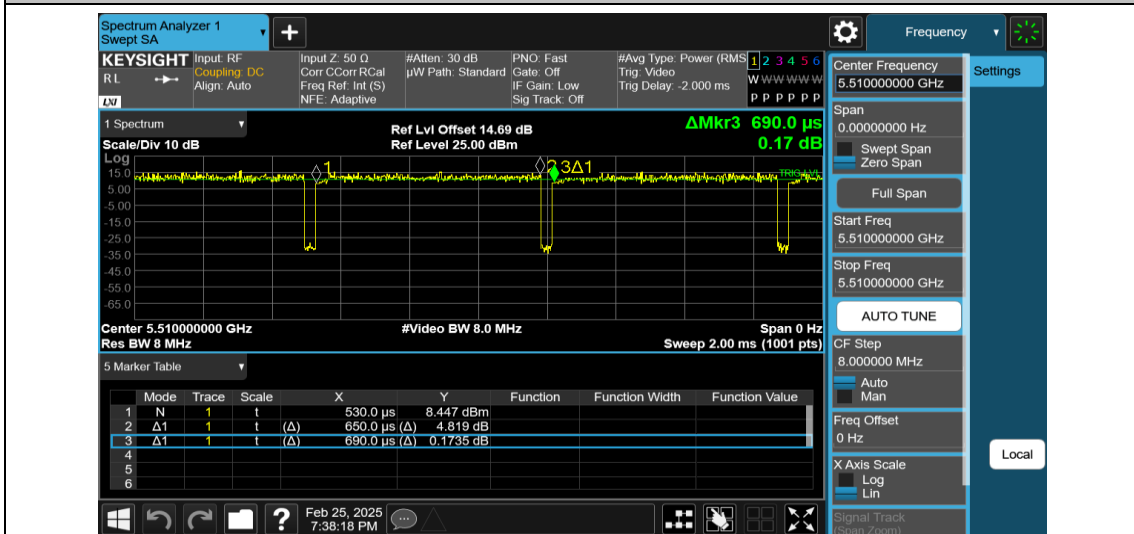
NTNV-11AC40MIMO-Ant2-5270



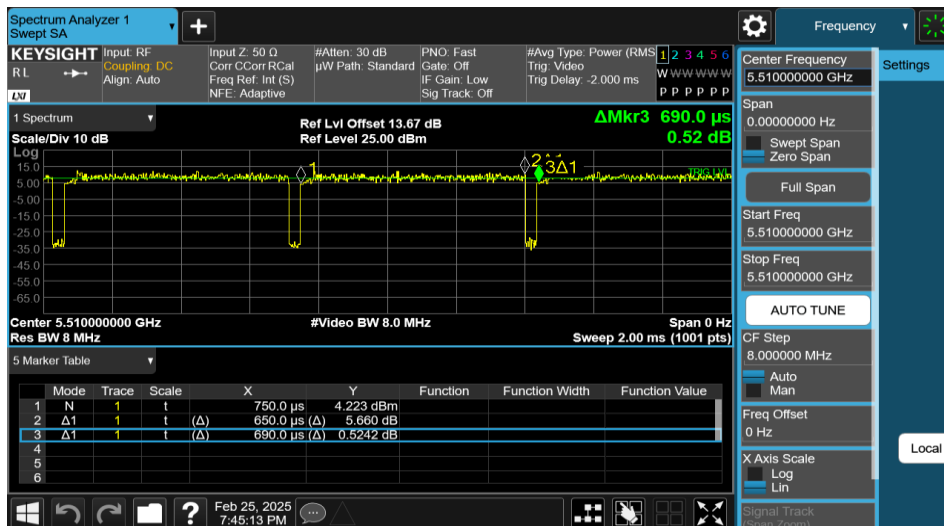
NTNV-11AC40MIMO-Ant1-5310



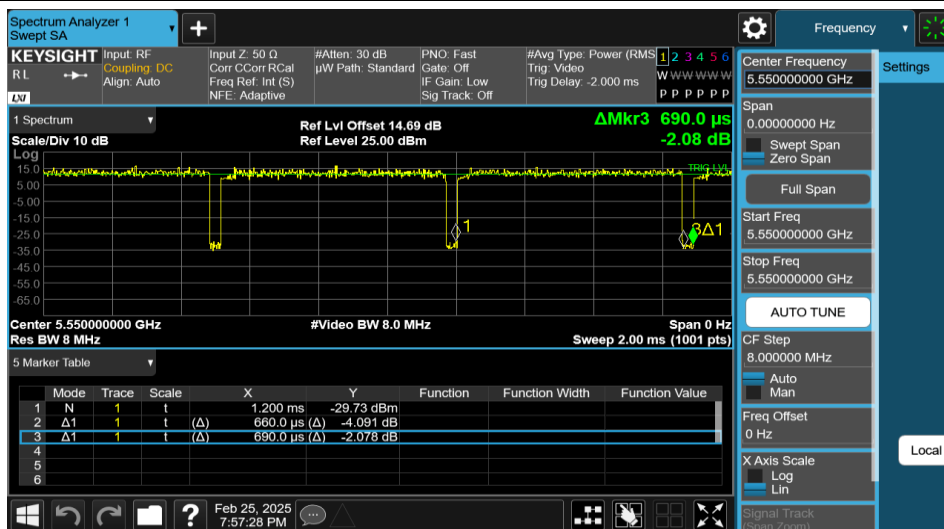
NTNV-11AC40MIMO-Ant2-5310



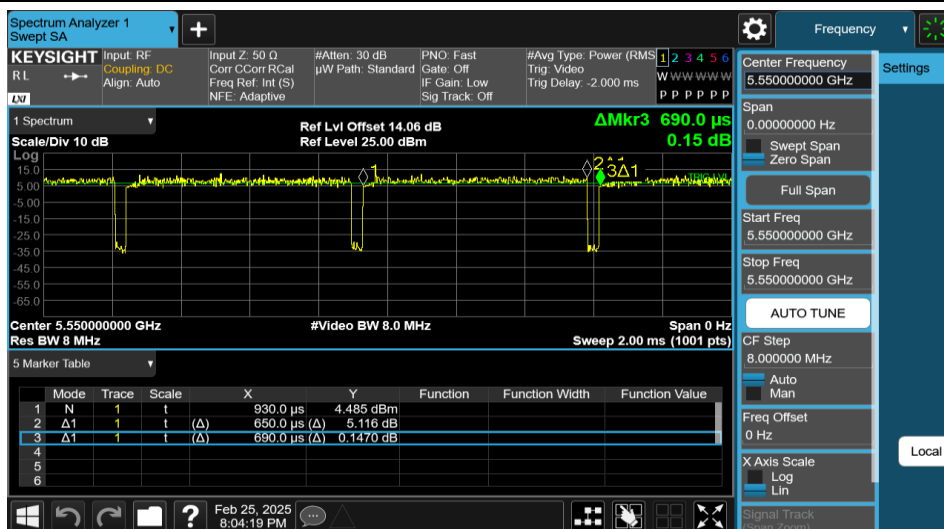
NTNV-11AC40MIMO-Ant1-5510



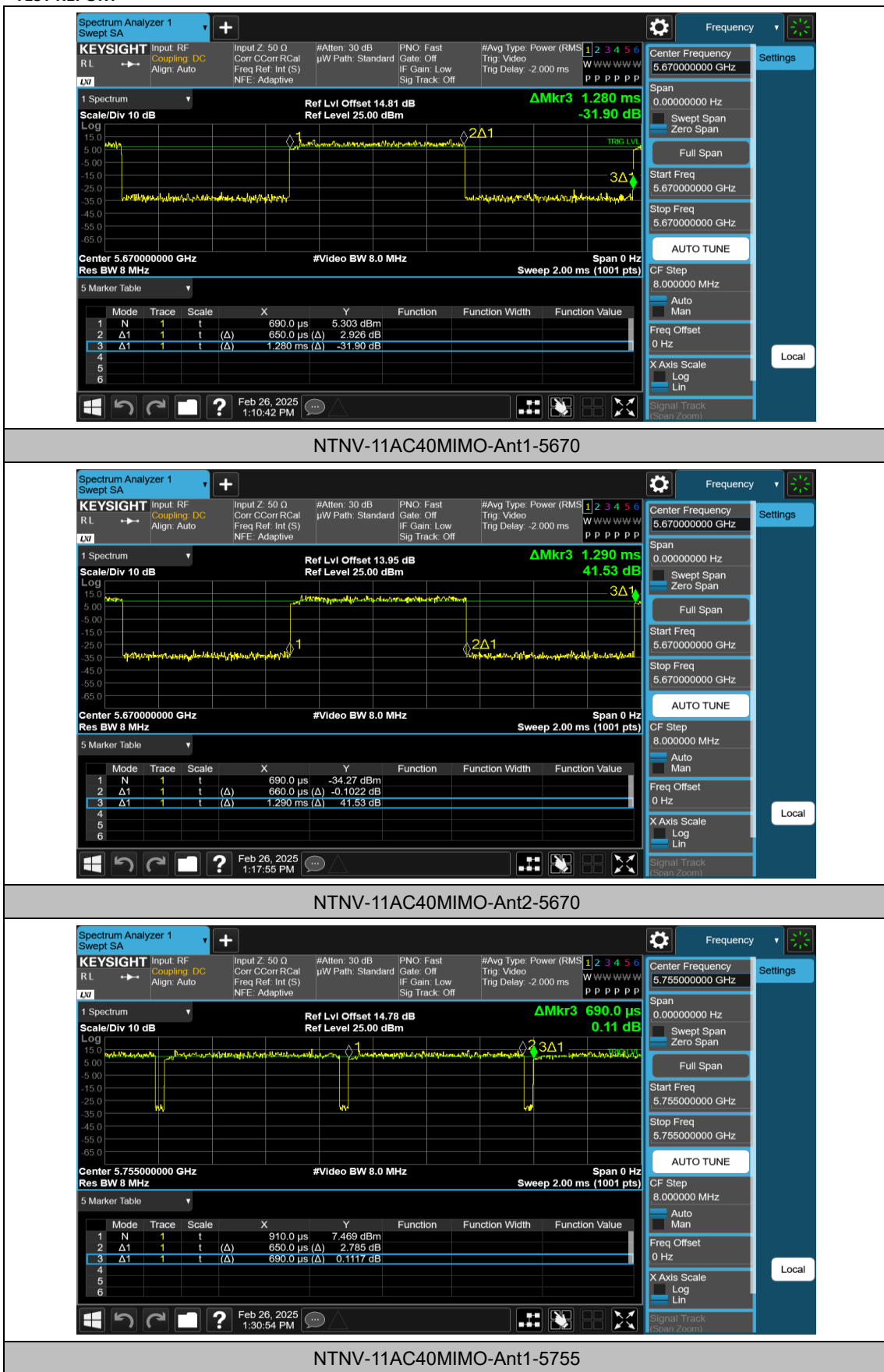
NTNV-11AC40MIMO-Ant2-5510



NTNV-11AC40MIMO-Ant1-5550



NTNV-11AC40MIMO-Ant2-5550



NTNV-11AC40MIMO-Ant1-5670

Spectrum Analyzer 1
Swept SA

KEYSIGHT

Input: RF

Coupling: DC

Align: Auto

Input Z: 50 Ω

Corr: C

Corr: R

Cal: 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

Center Frequency

5.670000000 GHz

Span

0.000000000 Hz

Swept Span

Zero Span

Full Span

Start Freq

5.670000000 GHz

Stop Freq

5.670000000 GHz

AUTO TUNE

CF Step

8.000000 MHz

Auto

Man

Freq Offset

0 Hz

X Axis Scale

Log

Lin

Signal Track

(Span Zoom)

1 Spectrum

Scale/Div 10 dB

Ref Lvl Offset 13.95 dB

Ref Level 25.00 dBm

Δ Mkr3 1.290 ms

41.53 dB

Center 5.670000000 GHz

#Video BW 8.0 MHz

Span 0 Hz

Res BW 8 MHz

Sweep 2.00 ms (1001 pts)

5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	t	690.0 μ s	-34.27 dBm		
2	Δ 1	1	t	(Δ)	660.0 μ s (Δ)		-0.1022 dB
3	Δ 1	1	t	(Δ)	1.290 ms (Δ)		41.53 dB
4							
5							
6							

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1:17:55 PM

NTNV-11AC40MIMO-Ant2-5670

Spectrum Analyzer 1
Swept SA

KEYSIGHT

Input: RF

Coupling: DC

Align: Auto

Input Z: 50 Ω

Corr: C

Corr: R

Cal: 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

Center Frequency

5.755000000 GHz

Span

0.000000000 Hz

Swept Span

Zero Span

Full Span

Start Freq

5.755000000 GHz

Stop Freq

5.755000000 GHz

AUTO TUNE

CF Step

8.000000 MHz

Auto

Man

Freq Offset

0 Hz

X Axis Scale

Log

Lin

Signal Track

(Span Zoom)

1 Spectrum

Scale/Div 10 dB

Ref Lvl Offset 14.78 dB

Ref Level 25.00 dBm

Δ Mkr3 690.0 μ s

0.11 dB

Center 5.755000000 GHz

#Video BW 8.0 MHz

Span 0 Hz

Res BW 8 MHz

Sweep 2.00 ms (1001 pts)

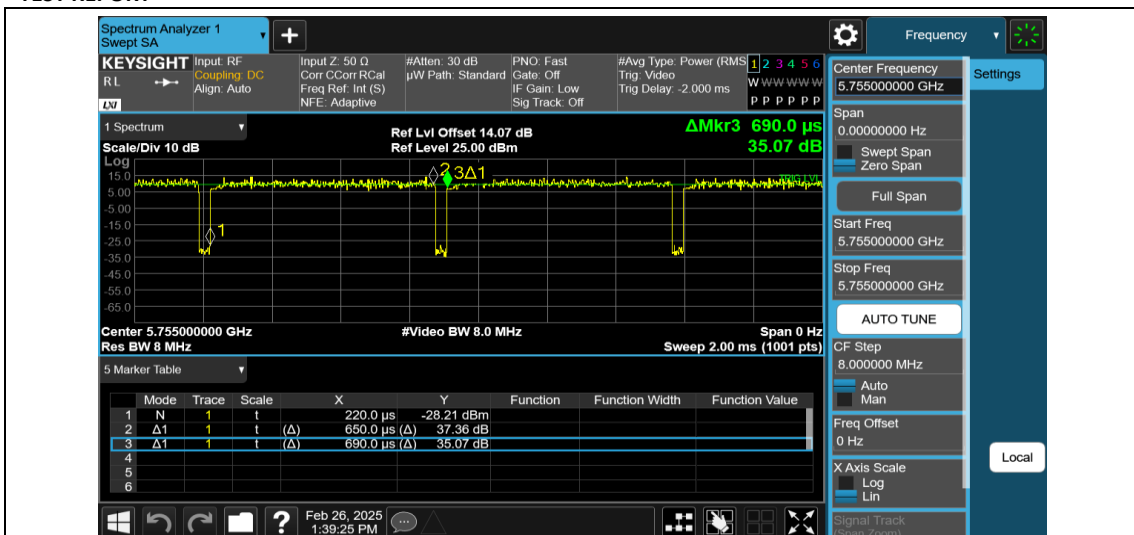
5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	t	910.0 μ s	7.469 dBm		
2	Δ 1	1	t	(Δ)	650.0 μ s (Δ)		2.785 dB
3	Δ 1	1	t	(Δ)	690.0 μ s (Δ)		0.1117 dB
4							
5							
6							

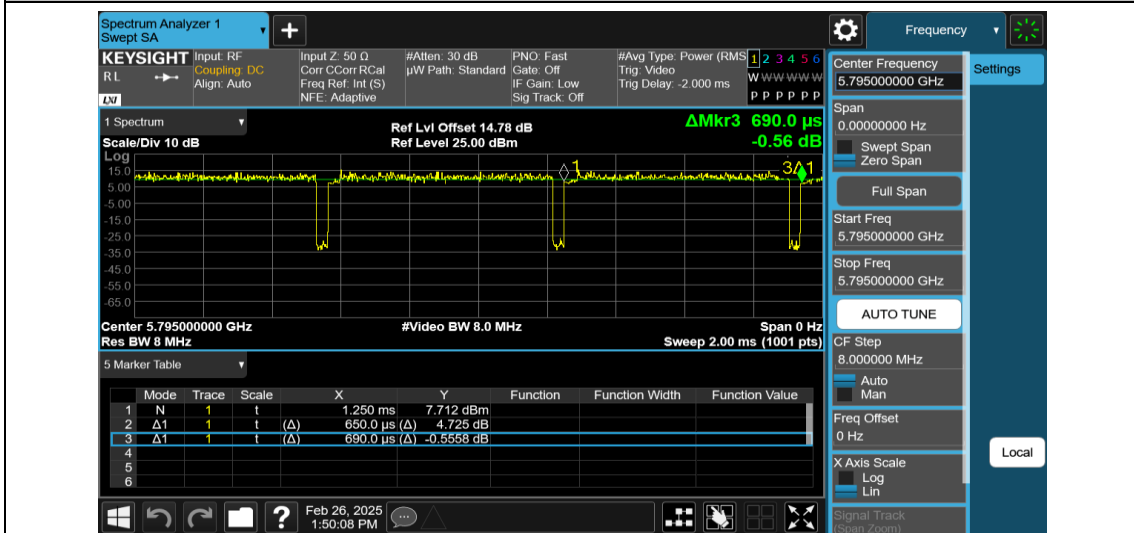
Feb 26, 2025

1:30:54 PM

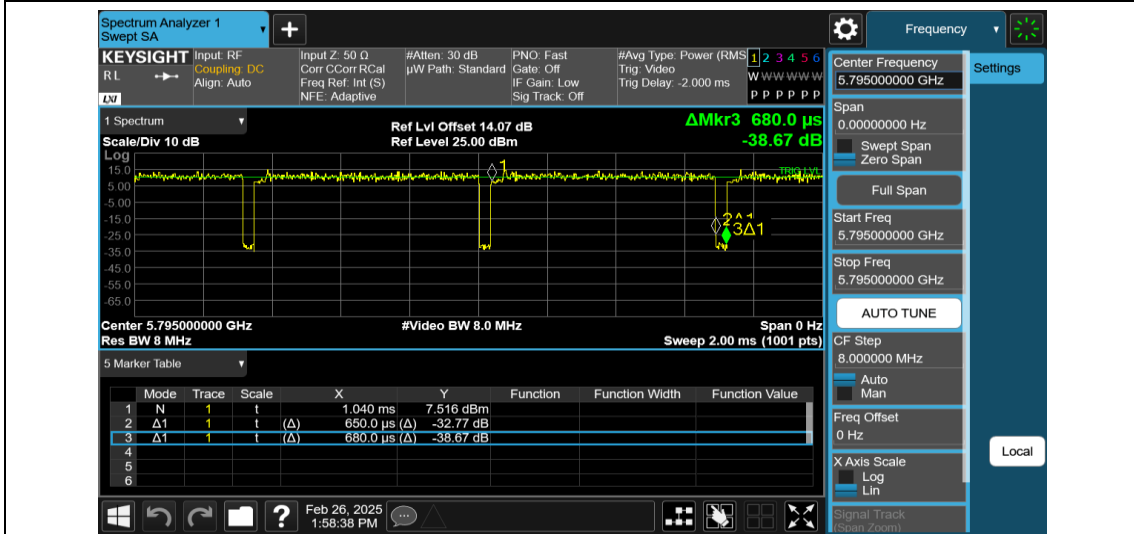
NTNV-11AC40MIMO-Ant1-5755



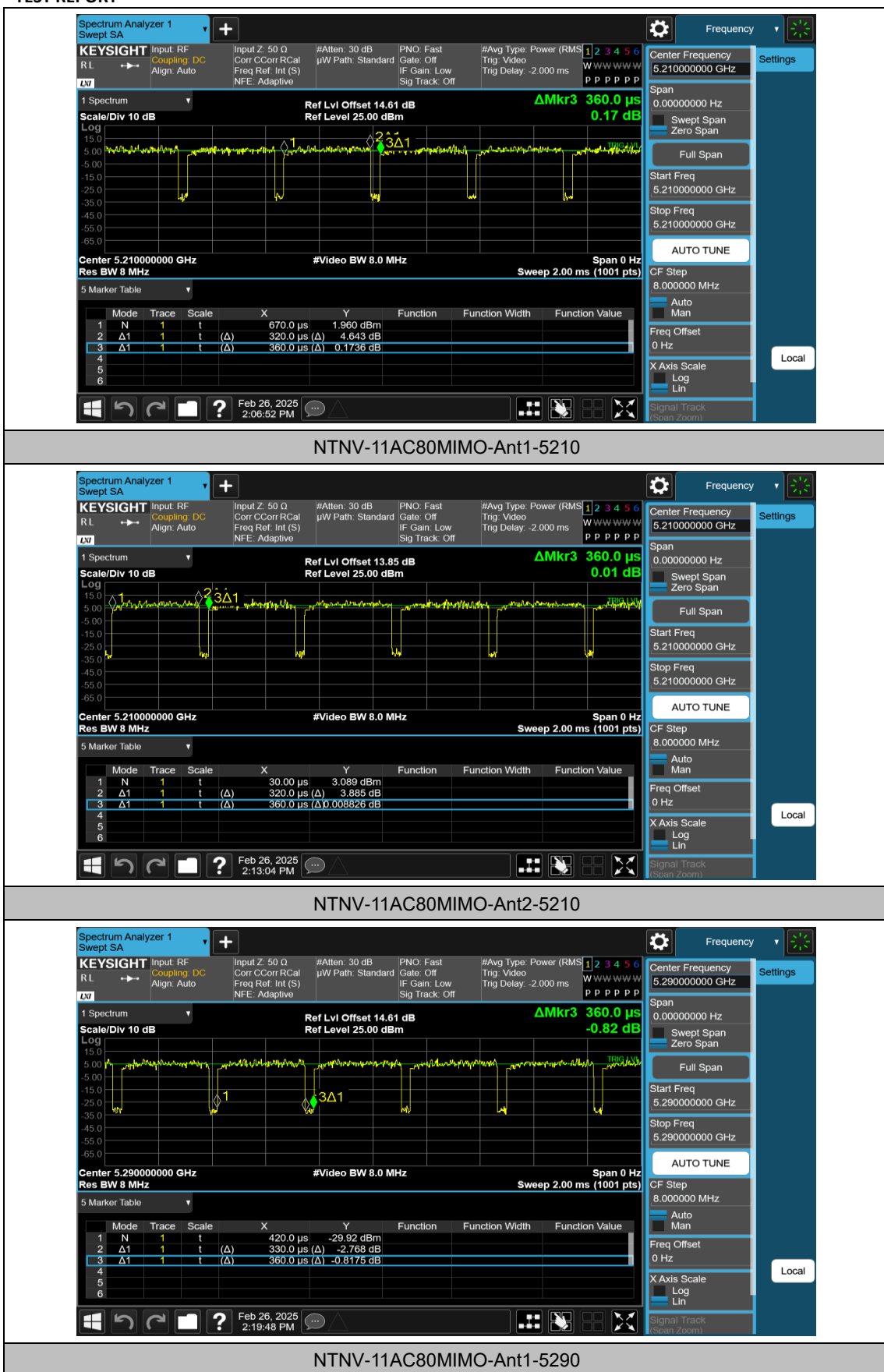
NTNV-11AC40MIMO-Ant2-5755



NTNV-11AC40MIMO-Ant1-5795



NTNV-11AC40MIMO-Ant2-5795



NTNV-11AC80MIMO-Ant1-5210

Spectrum Analyzer 1

Swept SA

KEYSIGHT

Input: RF

Coupling: DC

Align: Auto

Input Z: 50 Ω

Corr: CCorr

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)

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

5.210000000 GHz

Span

0.00000000 Hz

Swept Span

Zero Span

Full Span

Start Freq

5.210000000 GHz

Stop Freq

5.210000000 GHz

AUTO TUNE

CF Step

8.000000 MHz

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 13.85 dB

Ref Level 25.00 dBm

Δ Mkr3 360.0 μ s

0.01 dB

Center 5.210000000 GHz

#Video BW 8.0 MHz

Span 0 Hz

Res BW 8 MHz

Sweep 2.00 ms (1001 pts)

5 Marker Table

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	t	30.00 μ s	3.089 dBm			
2	Δ 1	1	t	(Δ)	320.0 μ s (Δ)			3.885 dB
3	Δ 1	1	t	(Δ)	360.0 μ s (Δ)			0.00826 dB
4								
5								
6								

Feb 26, 2025

2:13:04 PM

NTNV-11AC80MIMO-Ant2-5210

Spectrum Analyzer 1

Swept SA

KEYSIGHT

Input: RF

Coupling: DC

Align: Auto

Input Z: 50 Ω

Corr: CCorr

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)

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

5.290000000 GHz

Span

0.00000000 Hz

Swept Span

Zero Span

Full Span

Start Freq

5.290000000 GHz

Stop Freq

5.290000000 GHz

AUTO TUNE

CF Step

8.000000 MHz

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 14.61 dB

Ref Level 25.00 dBm

Δ Mkr3 360.0 μ s

-0.82 dB

Center 5.290000000 GHz

#Video BW 8.0 MHz

Span 0 Hz

Res BW 8 MHz

Sweep 2.00 ms (1001 pts)

5 Marker Table

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	t	420.0 μ s	-29.92 dBm			
2	Δ 1	1	t	(Δ)	330.0 μ s (Δ)			-2.768 dB
3	Δ 1	1	t	(Δ)	360.0 μ s (Δ)			-0.8175 dB
4								
5								
6								

Feb 26, 2025

2:19:48 PM

NTNV-11AC80MIMO-Ant1-5290



NTNV-11AC80MIMO-Ant2-5290

Spectrum Analyzer 1
Swept SA

KEYSIGHT

Input: RF

Coupling: DC

Align: Auto

Input Z: 50 Ω

Corr: CCorr

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)

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

5.530000000 GHz

Settings

Span

0.00000000 Hz

Swept Span

Zero Span

Full Span

Start Freq

5.530000000 GHz

Stop Freq

5.530000000 GHz

AUTO TUNE

CF Step

8.000000 MHz

Auto

Man

Freq Offset

0 Hz

X Axis Scale

Log

Lin

Signal Track

(Span Zoom)

1 Spectrum

Scale/Div 10 dB

Ref Lvl Offset 14.69 dB

Ref Level 25.00 dBm

Δ Mkr3 380.0 μ s

0.18 dB

Center 5.530000000 GHz

#Video BW 8.0 MHz

Span 0 Hz

Res BW 8 MHz

Sweep 2.00 ms (1001 pts)

5 Marker Table

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	t	1.580 ms	5.030 dBm			
2	Δ 1	1	t	(Δ)	320.0 μ s (Δ)	1.673 dB		
3	Δ 1	1	t	(Δ)	380.0 μ s (Δ)	0.1794 dB		
4								
5								
6								

Feb 26, 2025

2:44:00 PM

NTNV-11AC80MIMO-Ant1-5530

Spectrum Analyzer 1
Swept SA

KEYSIGHT

Input: RF

Coupling: DC

Align: Auto

Input Z: 50 Ω

Corr: CCorr

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)

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

5.530000000 GHz

Settings

Span

0.00000000 Hz

Swept Span

Zero Span

Full Span

Start Freq

5.530000000 GHz

Stop Freq

5.530000000 GHz

AUTO TUNE

CF Step

8.000000 MHz

Auto

Man

Freq Offset

0 Hz

X Axis Scale

Log

Lin

Signal Track

(Span Zoom)

1 Spectrum

Scale/Div 10 dB

Ref Lvl Offset 13.67 dB

Ref Level 25.00 dBm

Δ Mkr3 370.0 μ s

2.21 dB

Center 5.530000000 GHz

#Video BW 8.0 MHz

Span 0 Hz

Res BW 8 MHz

Sweep 2.00 ms (1001 pts)

5 Marker Table

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	t	480.0 μ s	-34.02 dBm			
2	Δ 1	1	t	(Δ)	330.0 μ s (Δ)	3.459 dB		
3	Δ 1	1	t	(Δ)	370.0 μ s (Δ)	2.212 dB		
4								
5								
6								

Feb 26, 2025

2:50:52 PM

NTNV-11AC80MIMO-Ant2-5530