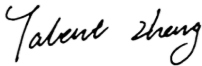


FCC CERTIFICATION TEST REPORT

Applicant:	Guangzhou Shirui Electronics Co.,Ltd
Address:	192 Kezhu Road, Sciencetech Park, Guangzhou Economic & Technology Development District, Guangzhou,Guangdong,China
Manufacturer:	Guangzhou Shirui Electronics Co.,Ltd
Address:	192 Kezhu Road, Sciencetech Park, Guangzhou Economic & Technology Development District, Guangzhou,Guangdong,China
Product Description:	Wifi Module
Brand Name:	N/A
Tested Model:	SI07F
FCC ID:	2AFG6-SI07F
Report No.:	JCF260108011-012
Received Date:	Jan. 08, 2026
Tested Date:	Jan. 08, 2026 ~ Apr. 13, 2026
Issued Date:	Apr. 13, 2026
Test Standards:	47 CFR FCC Part 15, Subpart E (Section 15.407),
Test Procedure:	ANSI C63.10-2020 KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 KDB 987594 D02 U-NII 6 GHz EMC Measurement v03 KDB 662911 D01 Multiple Transmitter Output v02r01
Test Result:	Pass
Prepared By:  <u>Roger Li/Engineer</u> Date: Apr. 13, 2026	
Reviewed By:  <u>Kennys Zhang/Engineer</u> Date: Apr. 13, 2026	
Approved By:  <u>Talent Zhang/Engineer</u> Date: Apr. 13, 2026	

Note: The test results in this report apply exclusively to the tested model / sample. Without written approval of Guangzhou Jingce Testing Technology Co., Ltd. the test report shall not be reproduced except in full.

Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
--	/	Apr. 13, 2026	Original Report	/

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1. Test Report Declare

Applicant:	Guangzhou Shirui Electronics Co.,Ltd
Address:	192 Kezhu Road, Scienteck Park, Guangzhou Economic & Technology Development District, Guangzhou,Guangdong,China
Manufacturer:	Guangzhou Shirui Electronics Co.,Ltd
Address:	192 Kezhu Road, Scienteck Park, Guangzhou Economic & Technology Development District, Guangzhou,Guangdong,China
Product Name:	Wifi Module
Brand Name:	N/A
Model Name:	SI07F, SI07***(*=0-9, or A-Z or a-z or "-" or blank, for marketing purpose use only, no technical difference)
Difference Description:	For marketing purpose use only, no technical difference

We Declare:

The equipment described above is tested by Guangzhou Jingce Testing Technology Co., Ltd. and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and Guangzhou Jingce Testing Technology Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these tests except as provided information by clients.

2. Summary of Test Results

The EUT have been tested according to the applicable standards as referenced below.

Clause	Description of Test Item	Standard	Verdict
1	RF Output Power (EIRP)	FCC 15.407 (a)(7)(8)	Pass
2	Power Spectral Density	FCC 15.407 (a)(7)(8)	Pass
3	Occupied Bandwidth	FCC 15.407 (a)(10)	Pass
4	AC Power Conducted Emissions	FCC 15.407 (b)(9)	Pass
5	Unwanted Emissions below 1 GHz	FCC 15.407 (b)(9)	Pass
6	Unwanted Emissions above 1GHz	FCC 15.407 (b)(6) FCC 15.407 (b)(10)	Pass
7	In-Band Emission Mask	FCC 15.407 (b)(7)	Pass
8	Contention-based Protocol	FCC 15.407 (d)(6)	Pass
9	Frequency Stability	FCC 15.407 (g)	Pass
10	Antenna Requirement	FCC 15.203 (g)	Pass

3. Test Laboratory

Guangzhou Jingce Testing Technology Co., Ltd.

Add.: No.10, Hefeng No.1 street, Huangpu District, Guangzhou, Guangdong, People's Republic of China

Association for Laboratory Accreditation(A2LA). Certificate Number: 6594.03

FCC Designation Number: CN1381. Test Firm Registration Number: 486550

IC Test Firm Registration Number: 31808

Conformity Assessment Body identifier: CN0173

4. Equipment Under Test

4.1. Description of EUT

EUT Name:	Wifi Module		
Model Number:	SI07F		
EUT Function Description:	Please refer to user manual of this device		
Power Supply:	5VDC 1A		
Sample No.:	260108011-01-01		
Radio Specification:	IEEE 802.11ax, IEEE 802.11be		
Operation Frequency:	Indoor Client		
Frequency Range(MHz)	U-NII-5	20MHz BW:5935~6415 40MHz BW:5965~6405 80MHz BW:5985~6385 160MHz BW:6025~6345	
	U-NII-6	20MHz BW:6435~6515 40MHz BW:6445~6525 80MHz BW:6465~6545 160MHz BW:6505	
	U-NII-7	20MHz BW:6535~6855 40MHz BW:6565~6845 80MHz BW:6625~6785 160MHz BW:6665	
	U-NII-8	20MHz BW:6875~7115 40MHz BW:6885~7085 80MHz BW:6865~7025 160MHz BW:6825~6985	
Modulation:	IEEE 802.11ax (HEW20/40/80/160): OFDMA (1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK) IEEE 802.11be (HEW20/40/80/160): OFDMA (4096QAM, 1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK)		
Straddle channel	Supported		
Support:	Full SU		
Antenna Type:	PCB Antenna1, MAX. Gain: 2.94 dBi PCB Antenna2, MAX. Gain: 5.26 dBi Directional Gain= 10log(10 ^{2.94/10} +10 ^{5.26/10}) =7.26dBi		

Note 1: EUT is the ab. of equipment under test.

Note 2: The antenna gain is declared by the customer and the laboratory is not responsible for the accuracy of the antenna gain.

4.2. Channel List

U-NII-5: 15E 6 GHz Low-power Indoor client

25 channels are provided for 802.11ax(HE20), 802.11be(EHT20)

Channels	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
2	5935 MHz	1	5955 MHz	5	5975 MHz	9	5955 MHz
13	6015 MHz	17	6035 MHz	21	6055 MHz	25	6075 MHz
29	6095 MHz	33	6115 MHz	37	6135 MHz	41	6155 MHz
45	6175 MHz	49	6195 MHz	53	6215 MHz	57	6235 MHz
61	6255 MHz	65	6275 MHz	69	6295 MHz	73	6315 MHz
77	6335 MHz	81	6355 MHz	85	6295 MHz	89	6395 MHz
93	6415 MHz	---	---	---	---	---	---

12 channels are provided for 802.11ax(HE40), 802.11be(EHT40)

Channels	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
3	5695 MHz	11	6005 MHz	19	6045 MHz	27	6085 MHz
35	6125 MHz	43	6165 MHz	51	6205 MHz	59	6245 MHz
67	6285 MHz	75	6325 MHz	83	6365 MHz	91	6405 MHz

6 channels are provided for 802.11ax(HE80), 802.11be(EHT80)

Channels	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
7	5985 MHz	23	6065 MHz	39	6145 MHz	55	6225 MHz
71	6305 MHz	87	6385 MHz	---	---	---	---

6 channels are provided for 802.11ax(HE160), 802.11be(EHT160)

Channels	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
15	6025 MHz	47	6185 MHz	79	6345 MHz	---	---

V-NII-6: 15E 6 GHz Low-power Indoor client

5 channels are provided for 802.11ax(HE20), 802.11be(EHT20)

Channels	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
97	6435 MHz	101	6455 MHz	105	6475 MHz	109	6495 MHz
113	6515 MHz	---	---	---	---	---	---

3 channels are provided for 802.11ax(HE40), 802.11be(EHT40)

Channels	Frequency	Channel	Frequency	Channel	Frequency	---	---
99	6445 MHz	107	6485 MHz	115	6525 MHz	---	---

1 channels are provided for 802.11ax(HE80), 802.11be(EHT80)

Channels	Frequency	---	---	---	---	---	---
103	6465 MHz	---	---	---	---	---	---

1 channels are provided for 802.11ax(HE160), 802.11be(EHT160)

Channels	Frequency	---	---	---	---	---	---
111	6505 MHz	---	---	---	---	---	---

U-NII-7: 15E 6 GHz Low-power Indoor client

17 channels are provided for 802.11ax(HE20), 802.11be(EHT20)

Channels	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
117	6535 MHz	121	6555 MHz	125	6575 MHz	129	6595 MHz
133	6615 MHz	137	6635 MHz	141	6655 MHz	145	6675 MHz
149	6695 MHz	153	6715 MHz	157	6735 MHz	161	6755 MHz
165	6775 MHz	169	6795 MHz	173	6815 MHz	177	6835 MHz
181	6855 MHz	---	---	---	---	---	---

8 channels are provided for 802.11ax(HE40), 802.11be(EHT40)

Channels	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
123	6565 MHz	131	6605 MHz	139	6645 MHz	147	6685 MHz
155	6725 MHz	163	6765 MHz	171	6805 MHz	179	6845 MHz

5 channels are provided for 802.11ax(HE80), 802.11be(EHT80)

Channels	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
*119	6545 MHz	135	6625 MHz	151	6705 MHz	167	6785 MHz
*183	6865 MHz	---	---	---	---	---	---

2 channels are provided for 802.11ax(HE160), 802.11be(EHT160)

Channels	Frequency	Channel	Frequency
143	6665 MHz	*175	6825 MHz

V-NII-8: 15E 6 GHz Low-power Indoor client

13 channels are provided for 802.11ax(HE20), 802.11be(EHT20)

Channels	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
185	6875 MHz	189	6895 MHz	193	6915 MHz	197	6935 MHz
201	6955 MHz	205	6975 MHz	209	6995 MHz	213	7015 MHz
217	7035 MHz	221	7055 MHz	225	7075 MHz	229	7095 MHz
233	7115 MHz	---	---	---	---	---	---

6 channels are provided for 802.11ax(HE40), 802.11be(EHT40)

Channels	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
123	6565 MHz	131	6605 MHz	139	6645 MHz	147	6685 MHz
155	6725 MHz	163	6765 MHz	171	6805 MHz	179	6845 MHz

2 channels are provided for 802.11ax(HE80), 802.11be(EHT80)

Channels	Frequency	Channel	Frequency
199	6945 MHz	215	7025 MHz

1 channels are provided for 802.11ax(HE160), 802.11be(EHT160)

Channels	Frequency
207	6985 MHz

4.3. Test Channel Configuration

The Worse Case Power Setting Parameter			
Test Software	QA-Tool		
Mode	Channel	Soft set value	
		ANT0	ANT1
802.11ax HEW20_Nss1,(MCS0)_1TX	5955MHz	0	0
	6175MHz	0	0
	6415MHz	0	0
	6435MHz	0	0
	6475MHz	0	0
	6515MHz	0	0
	6535MHz	0	0
	6695MHz	0	0
	6855MHz	0	0
	6875MHz Straddle 6.525-6.875GHz	0	0
	6895MHz	0	0
	6995MHz	0	0
	7115MHz	0	0
802.11ax HEW40_Nss1,(MCS0)_1TX	5965MHz	2	2
	6165MHz	3	3
	6405MHz	3	3
	6445MHz	2	2
	6485MHz	2.5	2.5
	6525MHz Straddle 6.425-6.525GHz	2	2
	6565MHz	2	2
	6685MHz	2	2
	6845MHz	2	2

	6885MHz Straddle 6.525-6.875GHz	2	2
	6925MHz	3	3
	6965MHz	3	3
	7085MHz	3	3
802.11ax HEW80_Nss,(MCS0)_1TX	5985MHz	3	3
	6145MHz	4	4
	6385MHz	4	4
	6465MHz	4	4
	6545MHz Straddle 6.425-6.525GHz	4	4
	6625MHz	4	4
	6705MHz	4	4
	6785MHz	4	4
	6865MHz Straddle 6.525-6.875GHz	4	4
	6945MHz	4	4
	7025MHz	4	4
802.11ax HEW160_Nss1,(MCS0)_1TX	6025MHz	4	4
	6185MHz	4	4
	6345MHz	4	4
	6505MHz	4	4
	6665MHz	4	4
	6825MHz	4	4
	6985MHz	4	4
802.11be EHTW20_Nss1,(MCS0)_2TX	5955MHz	0	0
	6175MHz	0	0
	6415MHz	-1	-1
	6435MHz	-1	-1
	6475MHz	-1	-1
	6515MHz	-1	-1
	6535MHz	-1	-1
	6695MHz	-1	-1
	6855MHz	-1	-1
	6875MHz Straddle 6.525-6.875GHz	-1	-1
	6895MHz	-1	-1
	6995MHz	-1	-1
	7115MHz	-1	-1
802.11be EHTW40_Nss1,(MCS0)_2TX	5965MHz	2	2
	6165MHz	3	3
	6405MHz	1	1
	6445MHz	1	1
	6485MHz	1	1
	6525MHz Straddle 6.425-6.525GHz	1	1
	6565MHz	1	1
	6685MHz	1	1
	6845MHz	1	1
	6885MHz Straddle 6.525-6.875GHz	1	1
	6925MHz	1	1
	6965MHz	1	1
	7085MHz	1	1
802.11be EHT80_Nss,(MCS0)_2TX	5985MHz	2	2
	6145MHz	2	2
	6385MHz	2	2
	6465MHz	2	2

	6545MHz Straddle 6.425-6.525GHz	2	2
	6625MHz	2	2
	6705MHz	2	2
	6785MHz	3	3
	6865MHz Straddle 6.525-6.875GHz	3	3
	6945MHz	3	3
	7025MHz	3	3
802.11be EHTW160_Nss1,(MCS0)_2TX	6025MHz	4	4
	6185MHz	4	4
	6345MHz	4	4
	6505MHz	4	4
	6665MHz	4	4
	6825MHz	4	4
	6985MHz	4	4

4.4. Test environment conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature range:	21-25 °C
Humidity range:	40-75%
Pressure range:	86-106 kPa

4.5. Description of Available Antennas

Test Mode	Transmit and Receive Mode	Description
802.11ax HE20	☒ 2TX, 2RX	ANT 1 and ANT2 can be used as transmitting/receiving antenna.
802.11ax HE40	☒ 2TX, 2RX	ANT 1 and ANT2 can be used as transmitting/receiving antenna.
802.11ax HE80	☒ 2TX, 2RX	ANT 1 and ANT2 can be used as transmitting/receiving antenna.
802.11ax HE160	☒ 2TX, 2RX	ANT 1 and ANT2 can be used as transmitting/receiving antenna.
802.11be EHT20	☒ 2TX, 2RX	ANT 1 and ANT2 can be used as transmitting/receiving antenna.
802.11be EHT40	☒ 2TX, 2RX	ANT 1 and ANT2 can be used as transmitting/receiving antenna.
802.11be EHT80	☒ 2TX, 2RX	ANT 1 and ANT2 can be used as transmitting/receiving antenna.
802.11be EHT160	☒ 2TX, 2RX	ANT 1 and ANT2 can be used as transmitting/receiving antenna.

Note:

1. 802.11ax and 802.11be support MIMO mode
2. WLAN 2.4 GHz & WLAN 5G & WLAN 6G can't transmit simultaneously. (declared by client)

5. Description of Test Setup

5.1. Accessory

Description of Accessories	Manufacturer	Model Number	Description	Remark
/	/	/	/	/

5.2. Support Equipment

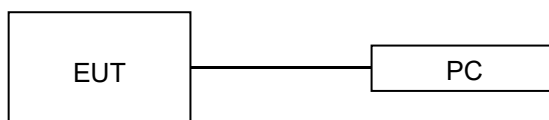
Equipment	Brand Name	Model Name	P/N
PC	Lenovo	T480	/
PC Adapter	Lenovo	ADLX65YDC3D	/

5.3. Test Setup

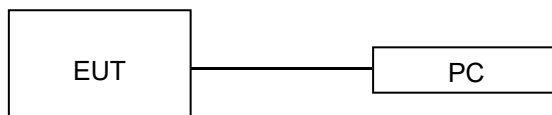
The EUT can work in Fixed Frequency mode.

5.4. Setup Diagram for Tests

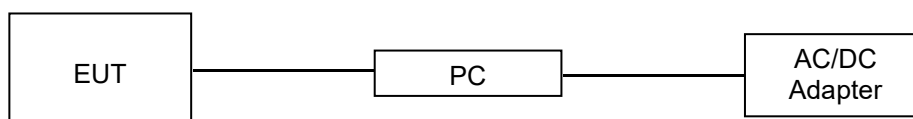
RF Connect Test:



Radiated Emission Test:



AC Power Line Conducted Emissions Test:



6. Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test Item	Uncertainty
AC Power Conduction emission	1.37 dB
All Radiated emissions	5.4dB
Conducted emissions	3.09 dB
Occupied Channel Bandwidth	1.1%
Conducted Output power	0.82dB
Power Spectral Density	0.82dB
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95 % confidence level using a coverage factor of k = 2.	

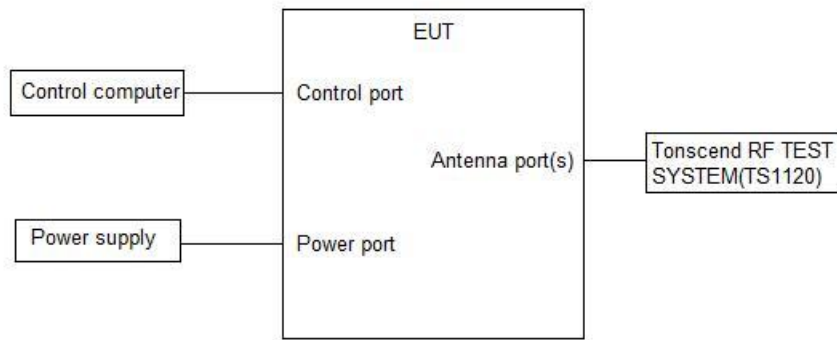
7. Measuring Instrument and Software Used

TS Test System						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
☒	Spectrum Analyzer	Keysight	N9030B	MY56320512	Jul. 31, 2025	Jul. 30, 2026
☒	Vector Signal Generator	Keysight	N5182B	MY57300334	Jul. 31, 2025	Jul. 30, 2026
☒	Signal Generator	Keysight	N5171B	MY57280639	Jul. 31, 2025	Jul. 30, 2026
☒	DC POWER	Keysight	E342A	MY59020356	Jul. 31, 2025	Jul. 30, 2026
☒	Incubator thermometer	GWS	EL-02JA	21107288	Jul. 31, 2025	Jul. 30, 2026
☒	Control unit(Power sensor)	Tonscend	JS0806-2	/	Jul. 31, 2025	Jul. 30, 2026
☒	Wideband radio communication tester	R&S	CMW500	163478	Jun. 28, 2025	Jun. 27, 2026
☒	Spectrum Analyzer	Keysight	N9020B	MY60112206	Jul. 31, 2025	Jul. 30, 2026
☒	Control unit(Power sensor)	Tonscend	JS0806-2	21H8060465	Aug. 01, 2025	Jul. 31, 2026
☒	Wi-Fi 7GHz Band Extender	Tonscend	TS-WF7U2	2310270006	Jul. 31, 2025	Jul. 30, 2026
Software						
Used	Description	Manufacturer	Name		Version	
☒	Test software	Tonscend	JS1120-3		V3.3.10	
RSE Test System						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
☒	EMI Receiver	R&S	ESR26	101424	Nov. 25, 2025	Nov. 24, 2026
☒	Bilog Antenna	Schwarzbeck	VULB 9163	01416	May. 28, 2025	May. 27, 2026
☒	Horn Antenna 1	Schwarzbeck	BBHA 9120 D	02910	Aug. 31, 2025	Aug. 30, 2026
☒	Horn Antenna 2	ETS	BBHA 9170	1090	Aug. 31, 2025	Aug. 30, 2026
☒	loop-antenna	Schwarzbeck	FMZB 1513-60	00030	Jan. 11, 2026	Jan. 10, 2027
☒	Test path	/	Path17: WIFI6E-1	/	Jul. 31, 2025	Jul. 30, 2026
☒	Test path	/	Path18: WIFI6E-1	/	Jul. 31, 2025	Jul. 30, 2026
☒	Test path	/	Path19: WIFI6E-1	/	Jul. 31, 2025	Jul. 30, 2026
☒	Test path	/	Path20: WIFI6E-1	/	Jul. 31, 2025	Jul. 30, 2026
☒	Signal Pre-Amplifier	ETS	3116C-PA	00217677	Jul. 31, 2025	Jul. 30, 2026
☒	3m Fully-anechoic Chamber	YIHENG	9m*6m*6m	001	Sep. 05, 2023	Sep. 04, 2026
Software						
Used	Description	Manufacturer	Name		Version	
☒	Test software	Tonscend	TS+		V5.0.0.0	
Conducted Emission Test For AC Power Port						

Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
☒	LISN	R&S	ENV216	102509	Aug. 01, 2025	Jul. 31, 2026
☒	EMI Receiver	R&S	ESR	102154	Aug. 01, 2025	Jul. 31, 2026
Software						
Used	Description	Manufacturer	Name		Version	
☒	Test software	EZ	EZ-EMC		EMEC-3A1	
Other Instrument						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
☒	Temperature & Humidity	Temperature	HTC-1	/	Sep. 20, 2025	Sep. 21, 2026

8. On Time and Duty Cycle

8.1. Block diagram of test setup



8.2. Limits

None; for reporting purposes only

8.3. Procedure

KDB 558074 Zero-Span Spectrum Analyzer Method

8.4. Results

Test Mode	Antenna	Frequency (MHz)	Transmission Duration (ms)	Transmission Period (ms)	Duty Cycle (%)	Limit	Verdict
11AX20MIMO	Ant1	5955	0.20	0.63	31.75	---	---
11AX20MIMO	Ant2	5955	0.20	0.63	31.75	---	---
11AX20MIMO	Ant1	6175	0.20	0.63	31.75	---	---
11AX20MIMO	Ant2	6175	0.20	0.64	31.25	---	---
11AX20MIMO	Ant1	6415	0.20	0.41	48.78	---	---
11AX20MIMO	Ant2	6415	0.20	0.40	50.00	---	---
11AX20MIMO	Ant1	6435	0.20	0.63	31.75	---	---
11AX20MIMO	Ant2	6435	0.20	0.63	31.75	---	---
11AX20MIMO	Ant1	6475	0.21	0.64	32.81	---	---
11AX20MIMO	Ant2	6475	0.20	0.51	39.22	---	---
11AX20MIMO	Ant1	6515	0.20	0.63	31.75	---	---
11AX20MIMO	Ant2	6515	0.20	0.63	31.75	---	---
11AX20MIMO	Ant1	6535	0.20	0.41	48.78	---	---
11AX20MIMO	Ant2	6535	0.20	0.41	48.78	---	---
11AX20MIMO	Ant1	6695	0.20	0.63	31.75	---	---
11AX20MIMO	Ant2	6695	0.20	0.50	40.00	---	---
11AX20MIMO	Ant1	6855	0.21	0.51	41.18	---	---
11AX20MIMO	Ant2	6855	0.20	0.63	31.75	---	---
11AX20MIMO	Ant1	6875	0.20	0.63	31.75	---	---
11AX20MIMO	Ant2	6875	0.20	0.50	40.00	---	---
11AX20MIMO	Ant1	6895	0.20	0.63	31.75	---	---
11AX20MIMO	Ant2	6895	0.20	0.50	40.00	---	---
11AX20MIMO	Ant1	6995	0.20	0.63	31.75	---	---
11AX20MIMO	Ant2	6995	0.20	0.51	39.22	---	---
11AX20MIMO	Ant2	7115	0.20	0.50	40.00	---	---
11AX20MIMO	Ant1	7115	0.20	0.50	40.00	---	---
11AX40MIMO	Ant1	5965	0.20	0.26	76.92	---	---
11AX40MIMO	Ant2	5965	0.20	0.25	80.00	---	---
11AX40MIMO	Ant1	6165	0.20	0.25	80.00	---	---
11AX40MIMO	Ant2	6165	0.21	0.26	80.77	---	---

11AX40MIMO	Ant1	6405	0.20	0.26	76.92	---	---
11AX40MIMO	Ant2	6405	0.20	0.25	80.00	---	---
11AX40MIMO	Ant1	6445	0.21	0.26	80.77	---	---
11AX40MIMO	Ant2	6445	0.20	0.25	80.00	---	---
11AX40MIMO	Ant1	6485	0.20	0.25	80.00	---	---
11AX40MIMO	Ant2	6485	0.20	0.26	76.92	---	---
11AX40MIMO	Ant1	6525	0.20	0.26	76.92	---	---
11AX40MIMO	Ant2	6525	0.20	0.25	80.00	---	---
11AX40MIMO	Ant1	6565	0.20	0.26	76.92	---	---
11AX40MIMO	Ant2	6565	0.20	0.26	76.92	---	---
11AX40MIMO	Ant1	6685	0.20	0.25	80.00	---	---
11AX40MIMO	Ant2	6685	0.20	0.25	80.00	---	---
11AX40MIMO	Ant1	6845	0.21	0.26	80.77	---	---
11AX40MIMO	Ant2	6845	0.20	0.26	76.92	---	---
11AX40MIMO	Ant1	6885	0.21	0.26	80.77	---	---
11AX40MIMO	Ant2	6885	0.21	0.26	80.77	---	---
11AX40MIMO	Ant1	6925	0.21	0.26	80.77	---	---
11AX40MIMO	Ant2	6925	0.20	0.25	80.00	---	---
11AX40MIMO	Ant1	6965	0.20	0.25	80.00	---	---
11AX40MIMO	Ant2	6965	0.20	0.26	76.92	---	---
11AX40MIMO	Ant1	7085	0.20	0.25	80.00	---	---
11AX40MIMO	Ant2	7085	0.21	0.26	80.77	---	---
11AX80MIMO	Ant1	5985	0.20	0.25	80.00	---	---
11AX80MIMO	Ant2	5985	0.19	0.25	76.00	---	---
11AX80MIMO	Ant1	6145	0.19	0.24	79.17	---	---
11AX80MIMO	Ant2	6145	0.19	0.24	79.17	---	---
11AX80MIMO	Ant1	6385	0.19	0.25	76.00	---	---
11AX80MIMO	Ant2	6385	0.19	0.24	79.17	---	---
11AX80MIMO	Ant1	6465	0.20	0.25	80.00	---	---
11AX80MIMO	Ant2	6465	0.19	0.25	76.00	---	---
11AX80MIMO	Ant1	6545	0.19	0.24	79.17	---	---
11AX80MIMO	Ant2	6545	0.20	0.25	80.00	---	---
11AX80MIMO	Ant1	6625	0.19	0.24	79.17	---	---
11AX80MIMO	Ant2	6625	0.19	0.24	79.17	---	---
11AX80MIMO	Ant1	6705	0.19	0.24	79.17	---	---
11AX80MIMO	Ant2	6705	0.19	0.25	76.00	---	---
11AX80MIMO	Ant1	6785	0.19	0.24	79.17	---	---
11AX80MIMO	Ant2	6785	0.19	0.24	79.17	---	---
11AX80MIMO	Ant1	6865	0.19	0.24	79.17	---	---
11AX80MIMO	Ant2	6865	0.20	0.25	80.00	---	---
11AX80MIMO	Ant1	6945	0.20	0.25	80.00	---	---
11AX80MIMO	Ant2	6945	0.19	0.24	79.17	---	---
11AX80MIMO	Ant1	7025	0.19	0.24	79.17	---	---
11AX80MIMO	Ant2	7025	0.19	0.24	79.17	---	---
11AX160MIMO	Ant1	6025	0.20	0.25	80.00	---	---
11AX160MIMO	Ant2	6025	0.19	0.25	76.00	---	---
11AX160MIMO	Ant1	6185	0.20	0.25	80.00	---	---
11AX160MIMO	Ant2	6185	0.19	0.25	76.00	---	---
11AX160MIMO	Ant1	6345	0.20	0.25	80.00	---	---
11AX160MIMO	Ant2	6345	0.20	0.25	80.00	---	---
11AX160MIMO	Ant1	6505	0.20	0.25	80.00	---	---
11AX160MIMO	Ant2	6505	0.19	0.25	76.00	---	---
11AX160MIMO	Ant1	6665	0.19	0.25	76.00	---	---
11AX160MIMO	Ant2	6665	0.20	0.26	76.92	---	---
11AX160MIMO	Ant1	6825	0.20	0.25	80.00	---	---
11AX160MIMO	Ant2	6825	0.20	0.25	80.00	---	---

11AX160MIMO	Ant1	6985	0.20	0.25	80.00	---	---
11AX160MIMO	Ant2	6985	0.20	0.25	80.00	---	---
11BE20MIMO	Ant1	5955	0.24	0.29	82.76	---	---
11BE20MIMO	Ant2	5955	0.24	0.29	82.76	---	---
11BE20MIMO	Ant1	6175	0.24	0.29	82.76	---	---
11BE20MIMO	Ant2	6175	0.24	0.29	82.76	---	---
11BE20MIMO	Ant1	6415	0.23	0.29	79.31	---	---
11BE20MIMO	Ant2	6415	0.24	0.29	82.76	---	---
11BE20MIMO	Ant1	6435	0.24	0.29	82.76	---	---
11BE20MIMO	Ant2	6435	0.23	0.28	82.14	---	---
11BE20MIMO	Ant1	6475	0.24	0.29	82.76	---	---
11BE20MIMO	Ant2	6475	0.23	0.28	82.14	---	---
11BE20MIMO	Ant1	6515	0.23	0.28	82.14	---	---
11BE20MIMO	Ant2	6515	0.24	0.29	82.76	---	---
11BE20MIMO	Ant1	6535	0.23	0.28	82.14	---	---
11BE20MIMO	Ant2	6535	0.24	0.29	82.76	---	---
11BE20MIMO	Ant1	6695	0.23	0.28	82.14	---	---
11BE20MIMO	Ant2	6695	0.24	0.29	82.76	---	---
11BE20MIMO	Ant1	6855	0.24	0.29	82.76	---	---
11BE20MIMO	Ant2	6855	0.23	0.28	82.14	---	---
11BE20MIMO	Ant1	6875	0.24	0.29	82.76	---	---
11BE20MIMO	Ant2	6875	0.23	0.29	79.31	---	---
11BE20MIMO	Ant1	6895	0.23	0.29	79.31	---	---
11BE20MIMO	Ant2	6895	0.24	0.29	82.76	---	---
11BE20MIMO	Ant1	6995	0.24	0.29	82.76	---	---
11BE20MIMO	Ant2	6995	0.23	0.28	82.14	---	---
11BE20MIMO	Ant1	7115	0.23	0.29	79.31	---	---
11BE20MIMO	Ant2	7115	0.24	0.29	82.76	---	---
11BE40MIMO	Ant1	5965	0.24	0.30	80.00	---	---
11BE40MIMO	Ant2	5965	0.24	0.29	82.76	---	---
11BE40MIMO	Ant1	6165	0.24	0.29	82.76	---	---
11BE40MIMO	Ant2	6165	0.24	0.30	80.00	---	---
11BE40MIMO	Ant1	6405	0.24	0.29	82.76	---	---
11BE40MIMO	Ant2	6405	0.24	0.30	80.00	---	---
11BE40MIMO	Ant1	6445	0.24	0.30	80.00	---	---
11BE40MIMO	Ant2	6445	0.24	0.29	82.76	---	---
11BE40MIMO	Ant1	6485	0.24	0.29	82.76	---	---
11BE40MIMO	Ant2	6485	0.24	0.30	80.00	---	---
11BE40MIMO	Ant1	6525	0.24	0.29	82.76	---	---
11BE40MIMO	Ant2	6525	0.24	0.29	82.76	---	---
11BE40MIMO	Ant1	6565	0.24	0.29	82.76	---	---
11BE40MIMO	Ant2	6565	0.24	0.30	80.00	---	---
11BE40MIMO	Ant1	6685	0.23	0.29	79.31	---	---
11BE40MIMO	Ant2	6685	0.24	0.29	82.76	---	---
11BE40MIMO	Ant1	6845	0.24	0.30	80.00	---	---
11BE40MIMO	Ant2	6845	0.24	0.29	82.76	---	---
11BE40MIMO	Ant1	6885	0.24	0.67	35.82	---	---
11BE40MIMO	Ant2	6885	0.24	0.29	82.76	---	---
11BE40MIMO	Ant1	6925	0.24	0.29	82.76	---	---
11BE40MIMO	Ant2	6925	0.24	0.29	82.76	---	---
11BE40MIMO	Ant1	6965	0.24	0.29	82.76	---	---
11BE40MIMO	Ant2	6965	0.24	0.30	80.00	---	---
11BE40MIMO	Ant1	7085	0.24	0.29	82.76	---	---
11BE40MIMO	Ant2	7085	0.24	0.29	82.76	---	---
11BE80MIMO	Ant1	5985	0.23	0.28	82.14	---	---
11BE80MIMO	Ant2	5985	0.23	0.28	82.14	---	---

11BE80MIMO	Ant1	6145	0.23	0.28	82.14	---	---
11BE80MIMO	Ant2	6145	0.23	0.28	82.14	---	---
11BE80MIMO	Ant1	6385	0.22	0.28	78.57	---	---
11BE80MIMO	Ant2	6385	0.23	0.28	82.14	---	---
11BE80MIMO	Ant1	6465	0.22	0.28	78.57	---	---
11BE80MIMO	Ant2	6465	0.23	0.28	82.14	---	---
11BE80MIMO	Ant1	6545	0.23	0.28	82.14	---	---
11BE80MIMO	Ant2	6545	0.22	0.28	78.57	---	---
11BE80MIMO	Ant1	6625	0.23	0.29	79.31	---	---
11BE80MIMO	Ant2	6625	0.23	0.29	79.31	---	---
11BE80MIMO	Ant1	6705	0.23	0.28	82.14	---	---
11BE80MIMO	Ant2	6705	0.23	0.28	82.14	---	---
11BE80MIMO	Ant1	6785	0.23	0.29	79.31	---	---
11BE80MIMO	Ant2	6785	0.23	0.28	82.14	---	---
11BE80MIMO	Ant1	6865	0.23	0.28	82.14	---	---
11BE80MIMO	Ant2	6865	0.23	0.28	82.14	---	---
11BE80MIMO	Ant1	6945	0.23	0.28	82.14	---	---
11BE80MIMO	Ant2	6945	0.23	0.28	82.14	---	---
11BE80MIMO	Ant1	7025	0.23	0.28	82.14	---	---
11BE80MIMO	Ant2	7025	0.22	0.28	78.57	---	---
11BE160MIMO	Ant1	6025	0.23	0.29	79.31	---	---
11BE160MIMO	Ant2	6025	0.23	0.28	82.14	---	---
11BE160MIMO	Ant1	6185	0.23	0.29	79.31	---	---
11BE160MIMO	Ant2	6185	0.23	0.28	82.14	---	---
11BE160MIMO	Ant1	6345	0.23	0.28	82.14	---	---
11BE160MIMO	Ant2	6345	0.23	0.29	79.31	---	---
11BE160MIMO	Ant1	6505	0.23	0.29	79.31	---	---
11BE160MIMO	Ant2	6505	0.23	0.28	82.14	---	---
11BE160MIMO	Ant1	6665	0.23	0.28	82.14	---	---
11BE160MIMO	Ant2	6665	0.23	0.28	82.14	---	---
11BE160MIMO	Ant1	6825	0.23	0.28	82.14	---	---
11BE160MIMO	Ant2	6825	0.23	0.28	82.14	---	---
11BE160MIMO	Ant1	6985	0.24	0.29	82.76	---	---
11BE160MIMO	Ant2	6985	0.23	0.28	82.14	---	---

Note: Duty Cycle Correction Factor = $10\log(1/x)$.

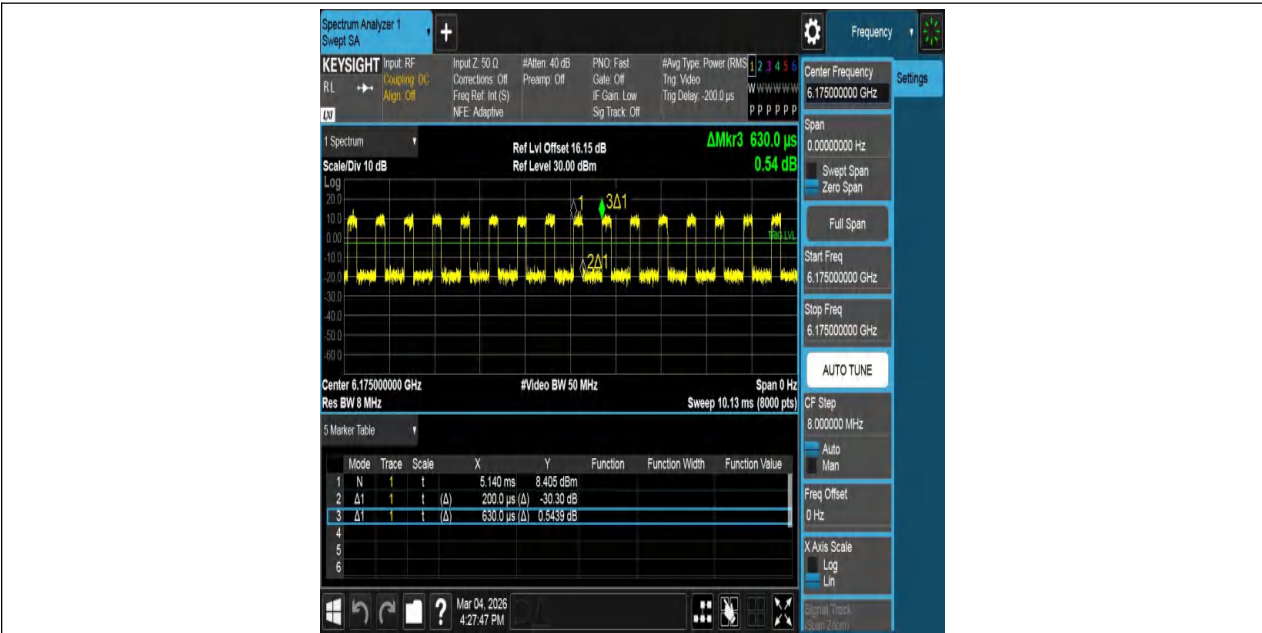
Where: x is Duty Cycle (Linear)

Where: T is On Time

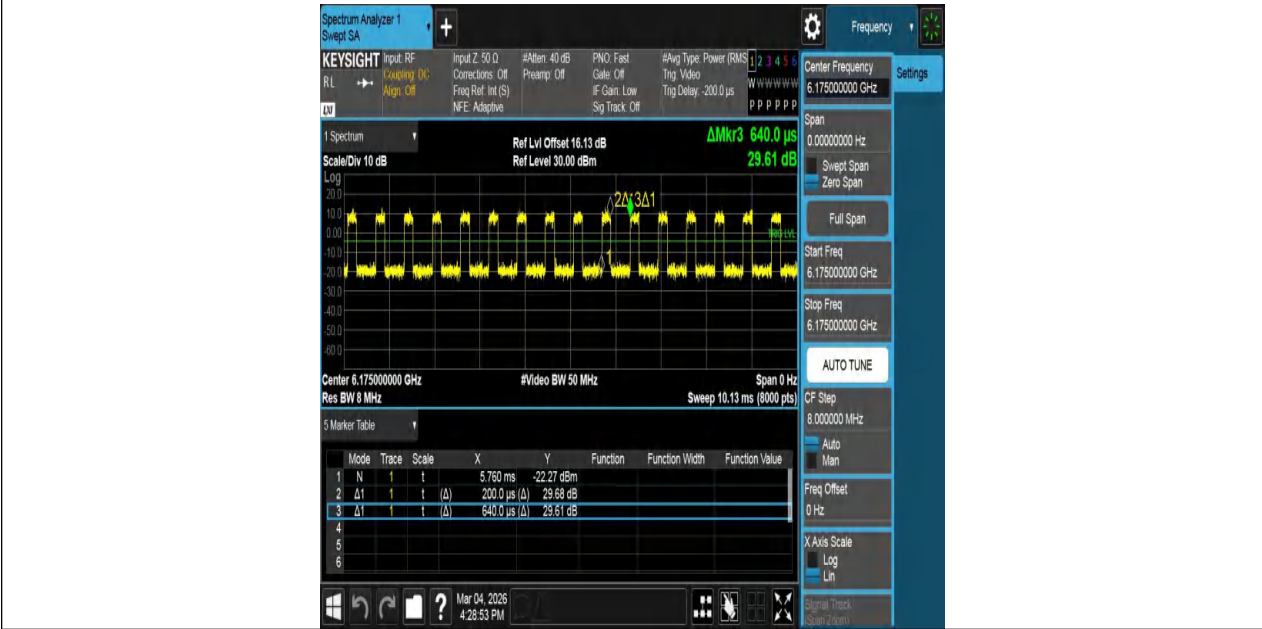
If that calculated VBW is not available on the analyzer, then the next higher value should be used.

8.5. Original test data

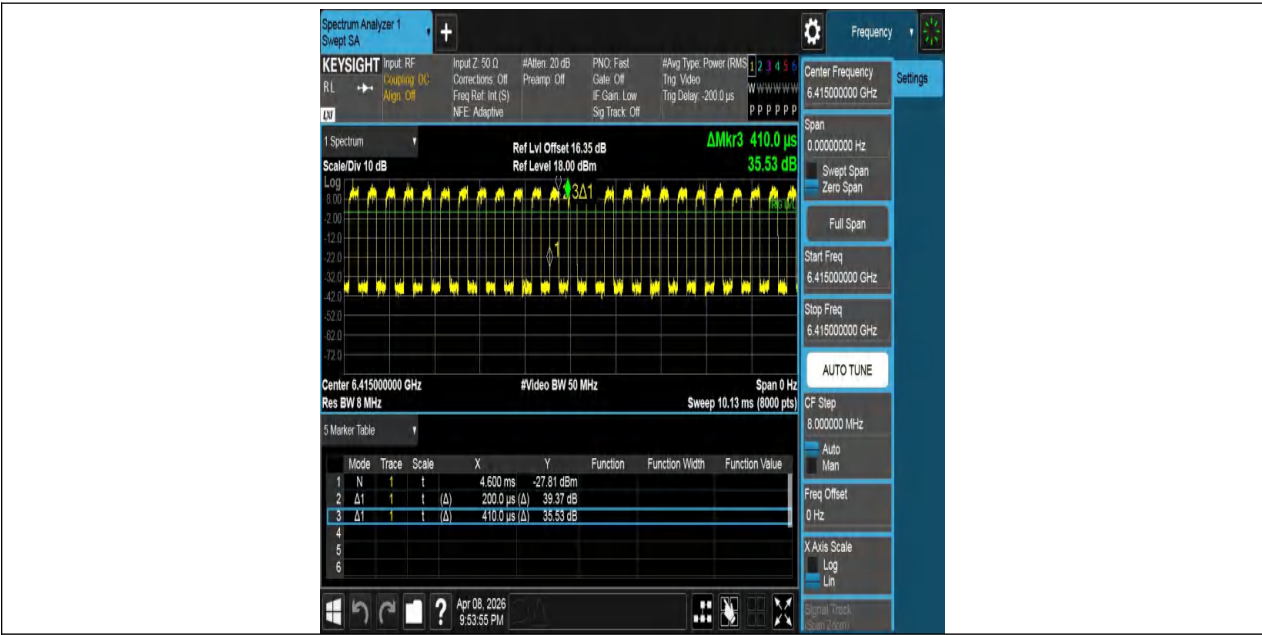




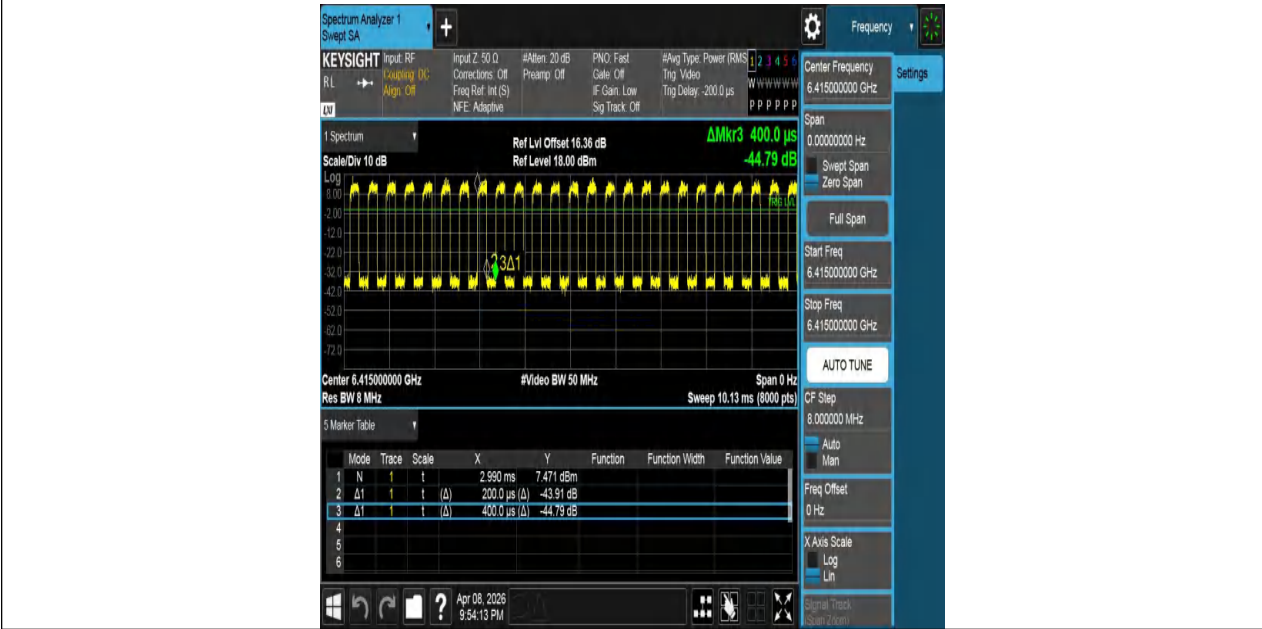
NTNV-11AX20MIMO-Ant1-6175



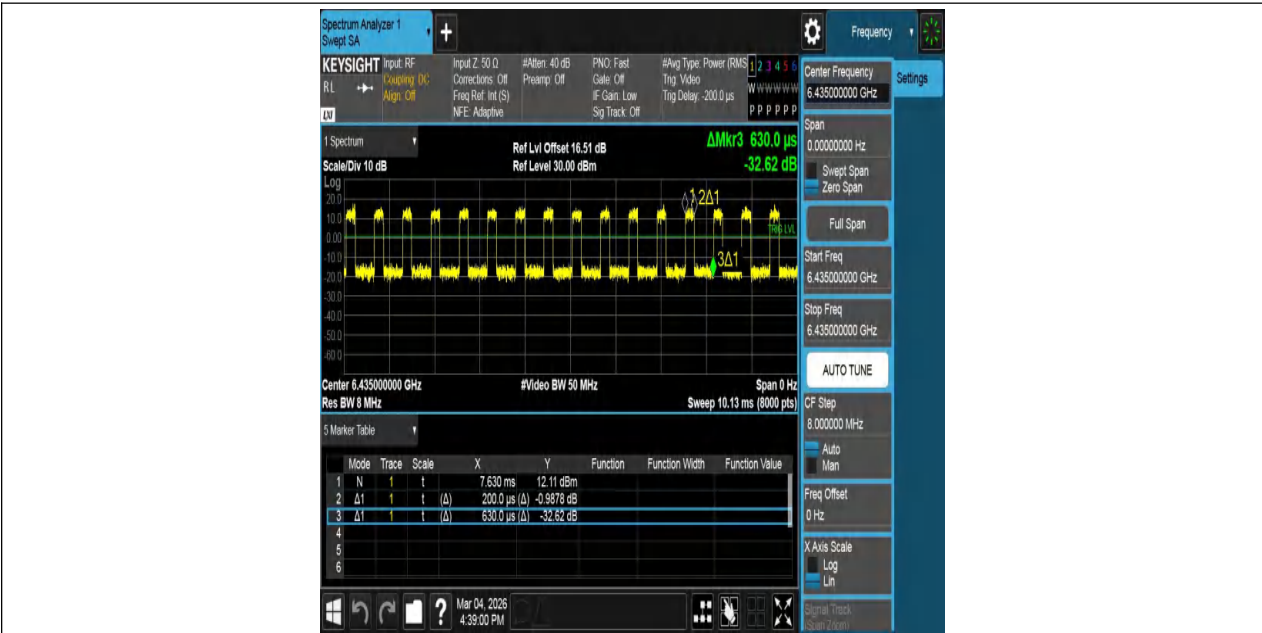
NTNV-11AX20MIMO-Ant2-6175



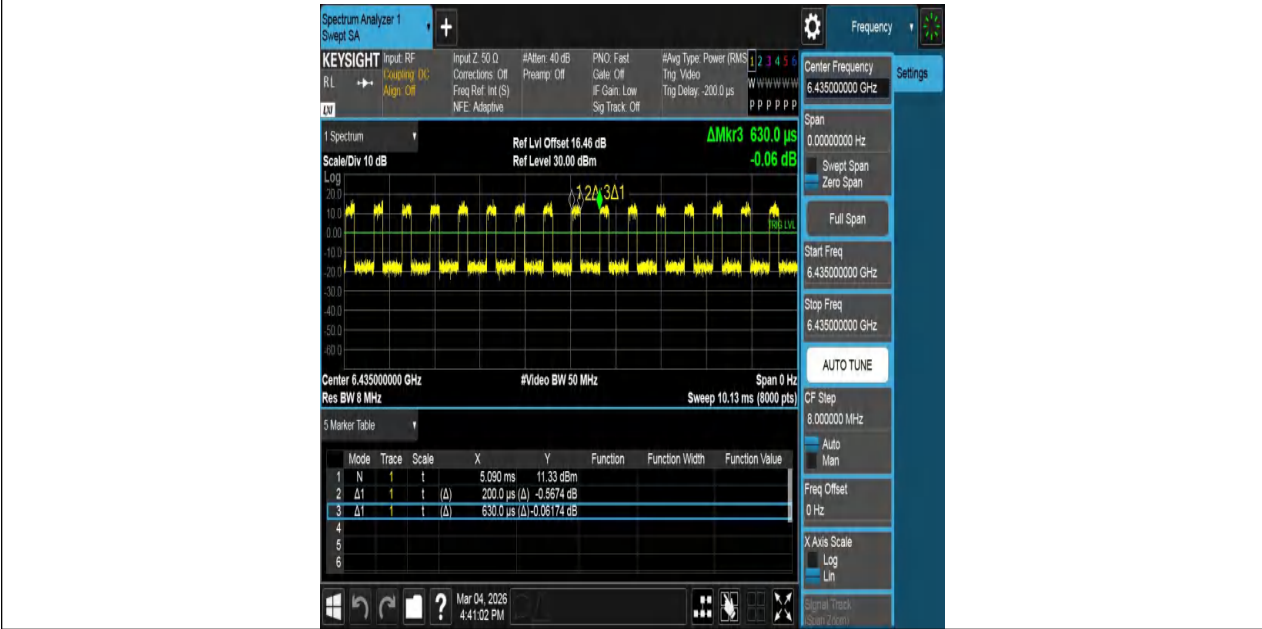
NTNV-11AX20MIMO-Ant1-6415



NTNV-11AX20MIMO-Ant2-6415



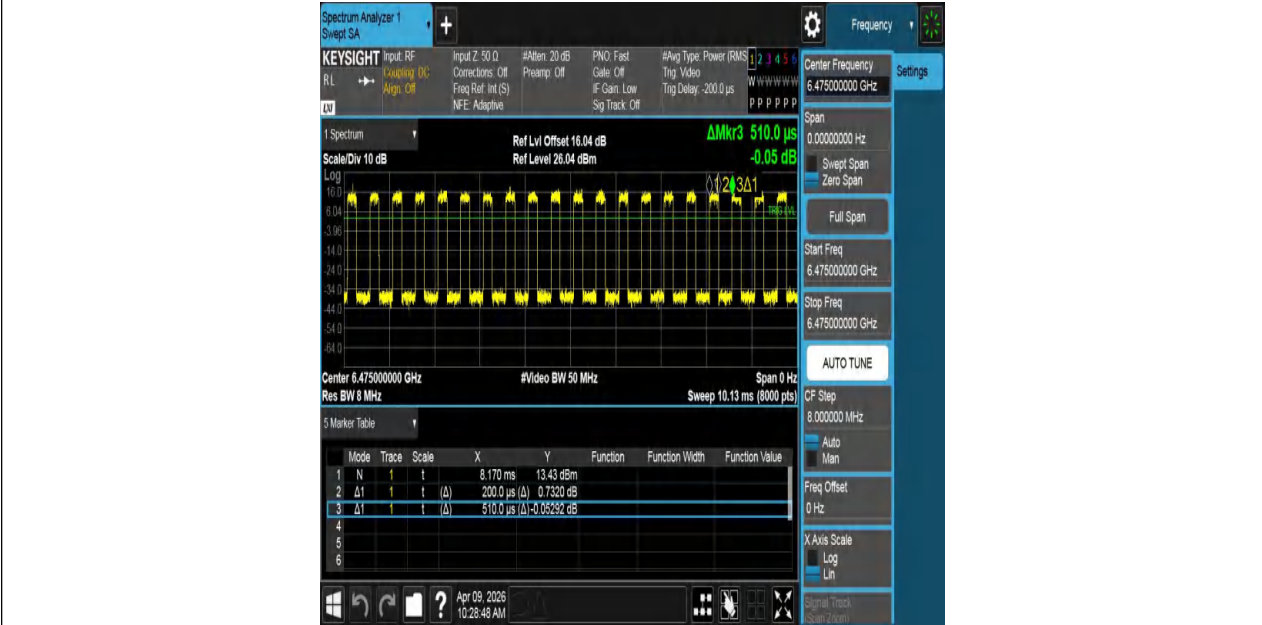
NTNV-11AX20MIMO-Ant1-6435



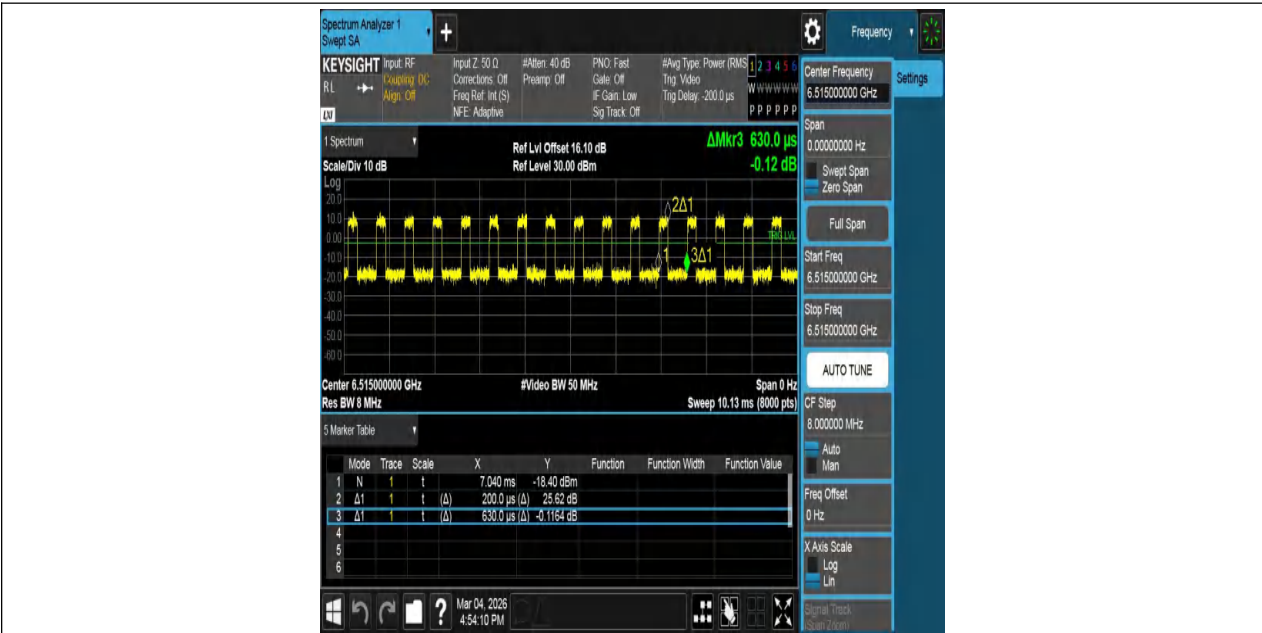
NTNV-11AX20MIMO-Ant2-6435



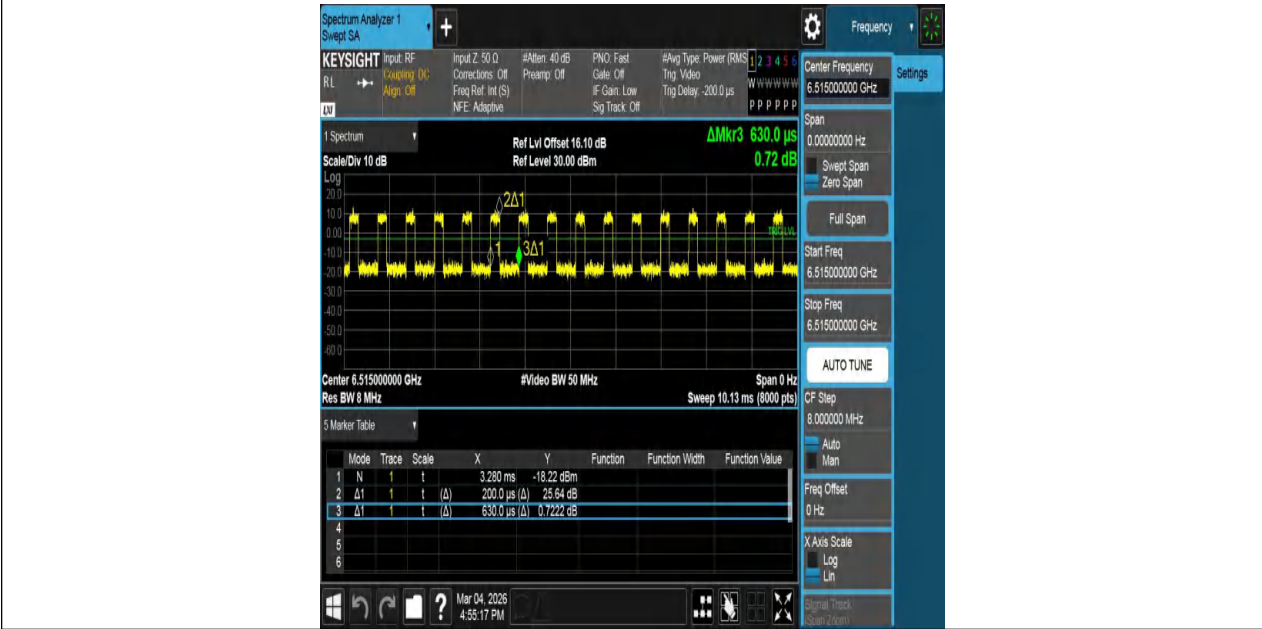
NTNV-11AX20MIMO-Ant1-6475



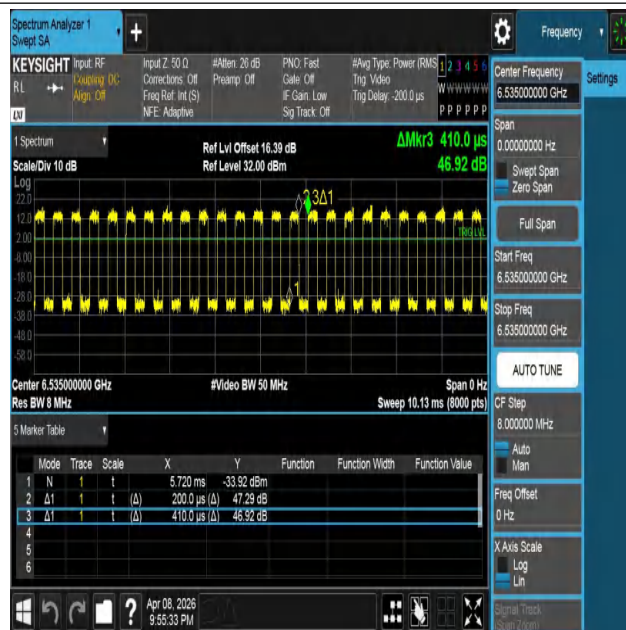
NTNV-11AX20MIMO-Ant2-6475



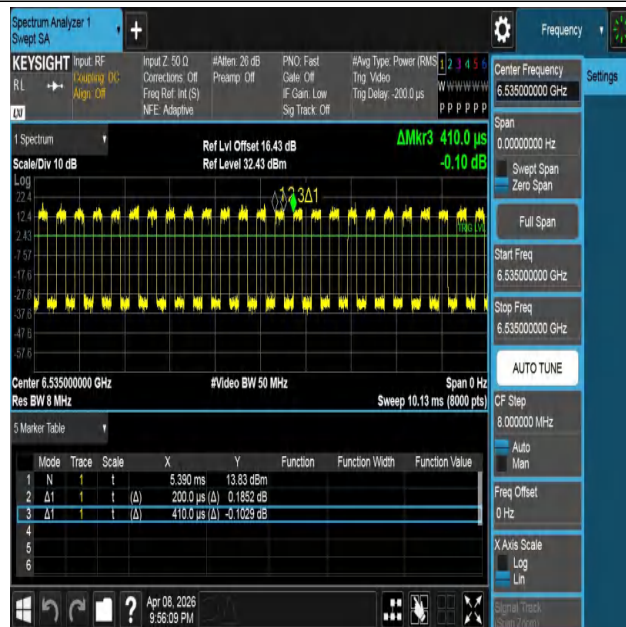
NTNV-11AX20MIMO-Ant1-6515



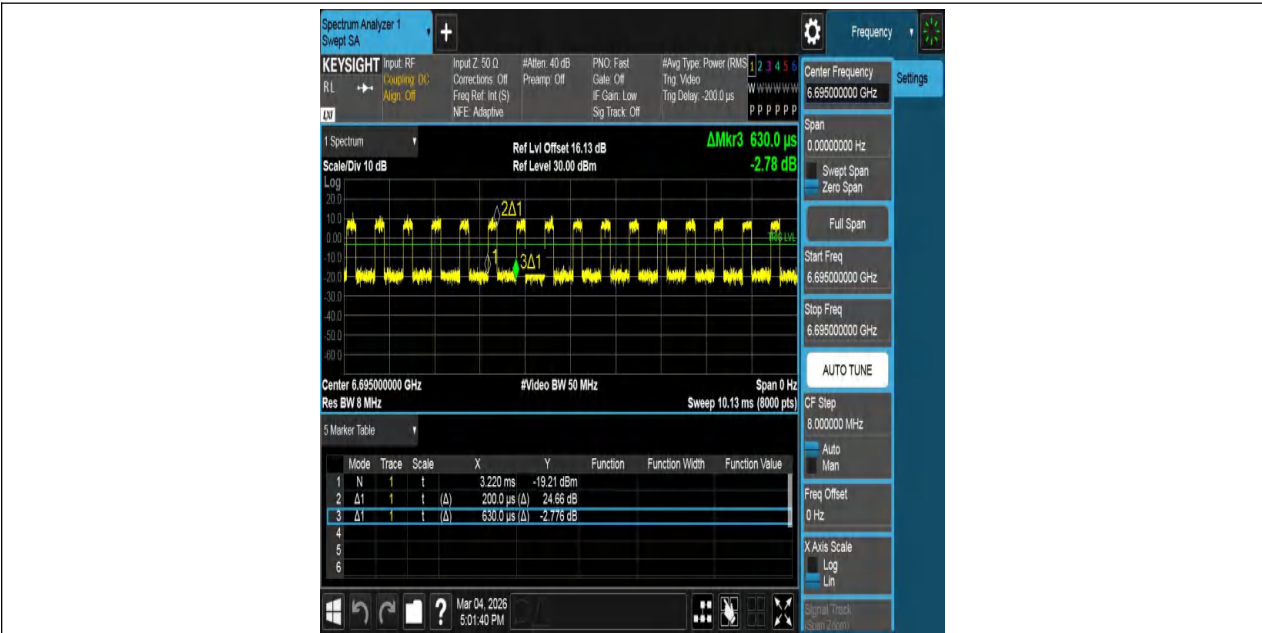
NTNV-11AX20MIMO-Ant2-6515



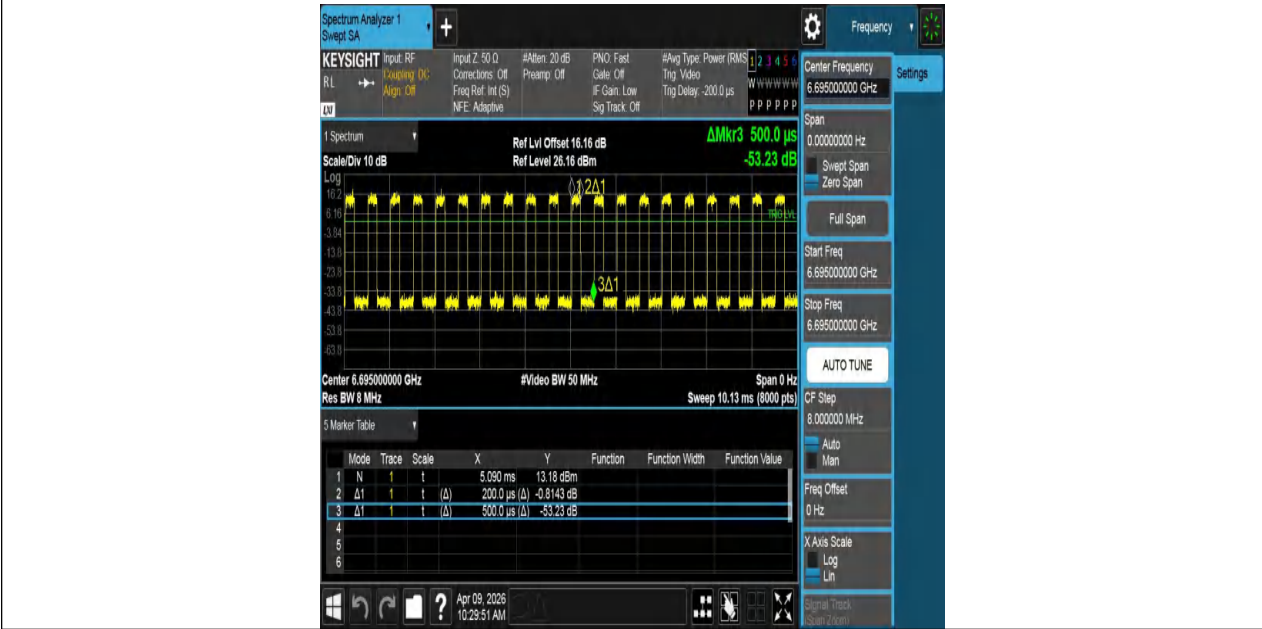
NTNV-11AX20MIMO-Ant1-6535



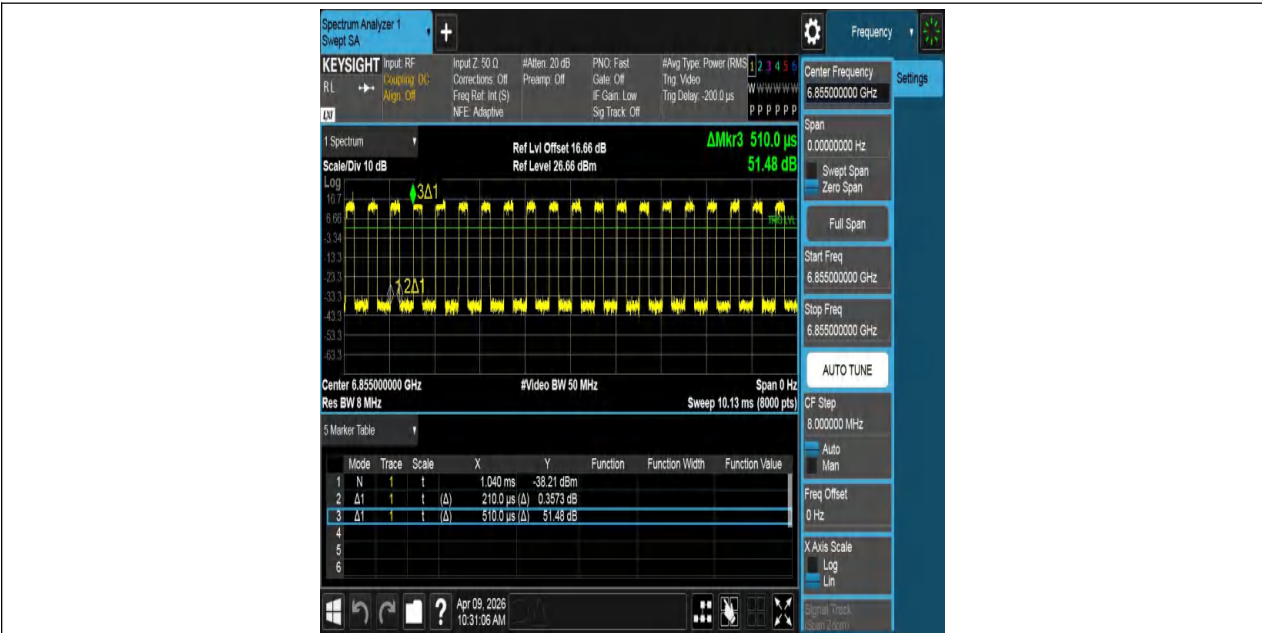
NTNV-11AX20MIMO-Ant2-6535



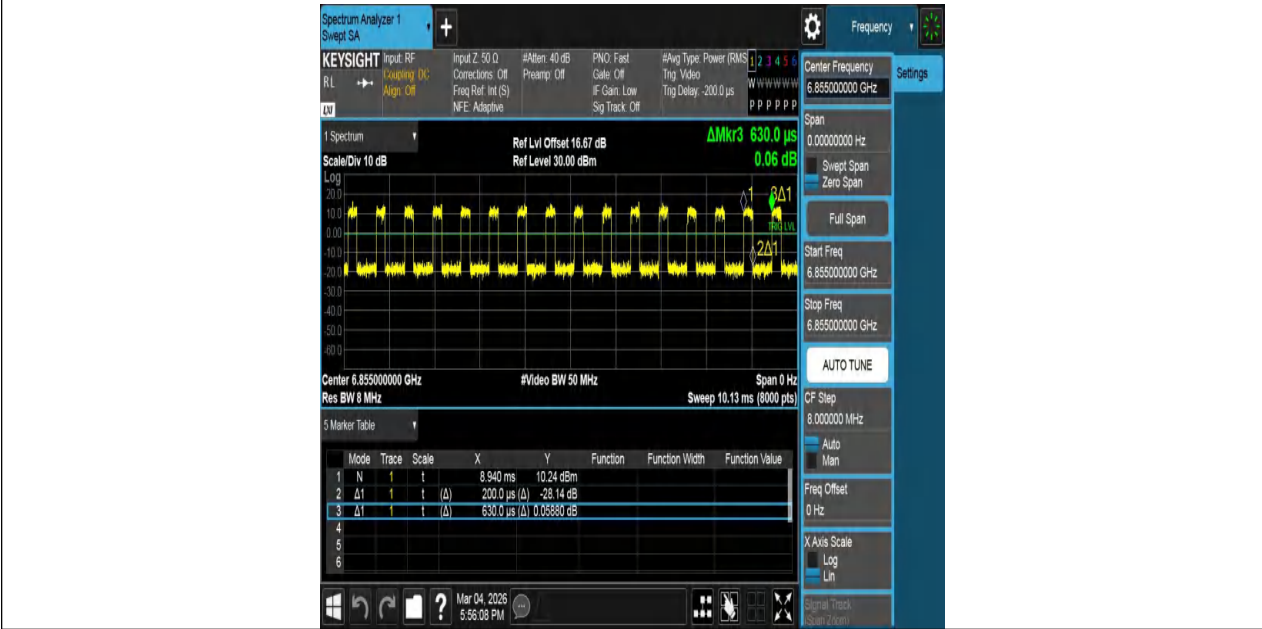
NTNV-11AX20MIMO-Ant1-6695



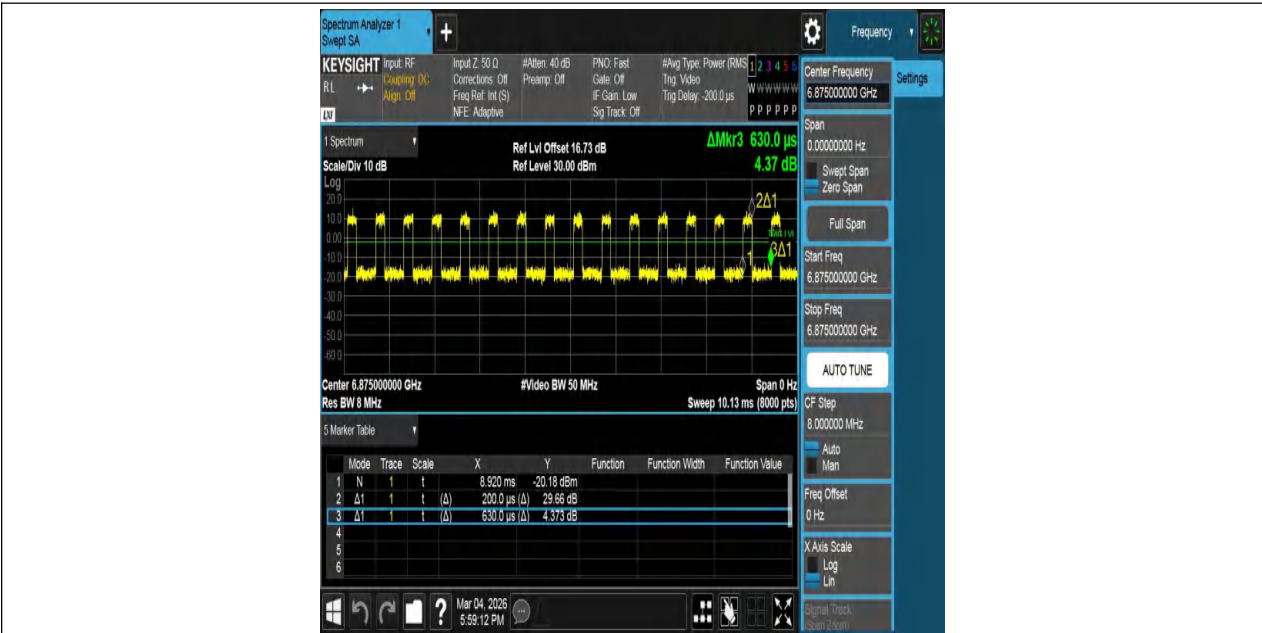
NTNV-11AX20MIMO-Ant2-6695



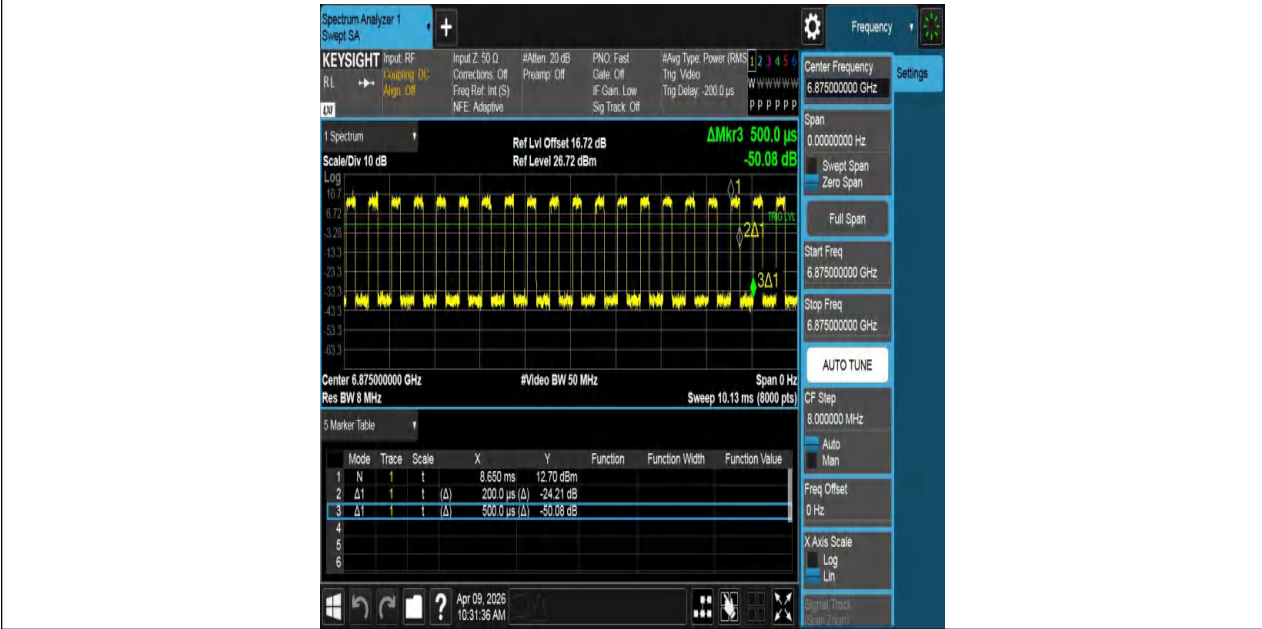
NTNV-11AX20MIMO-Ant1-6855



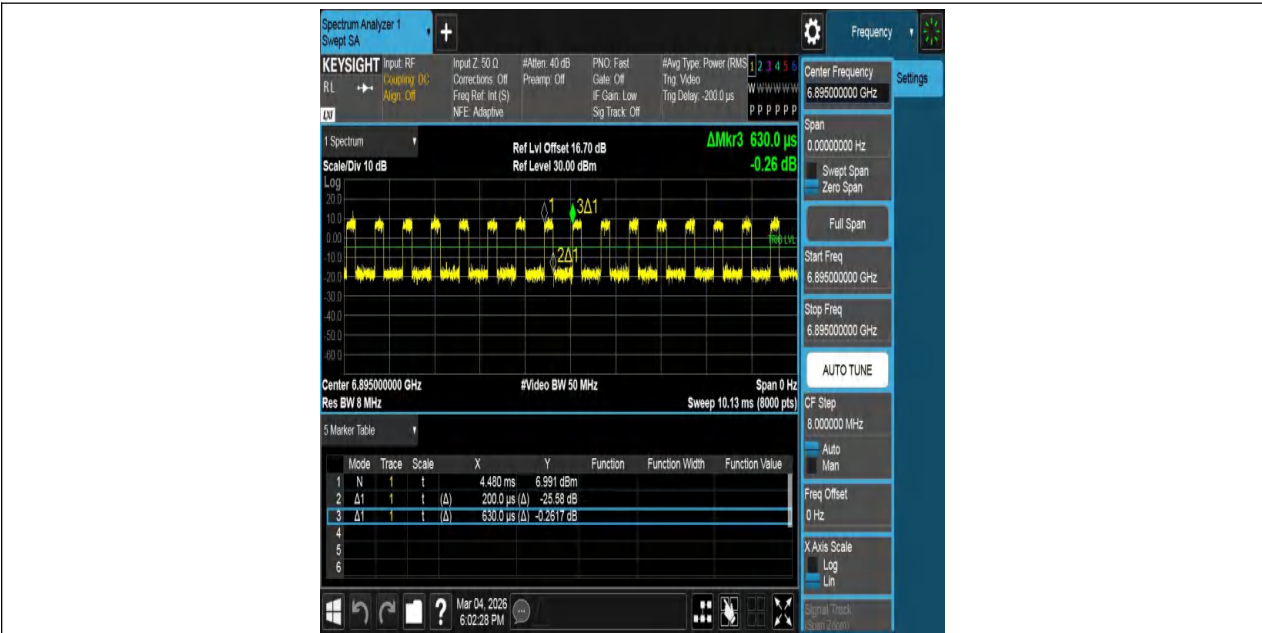
NTNV-11AX20MIMO-Ant2-6855



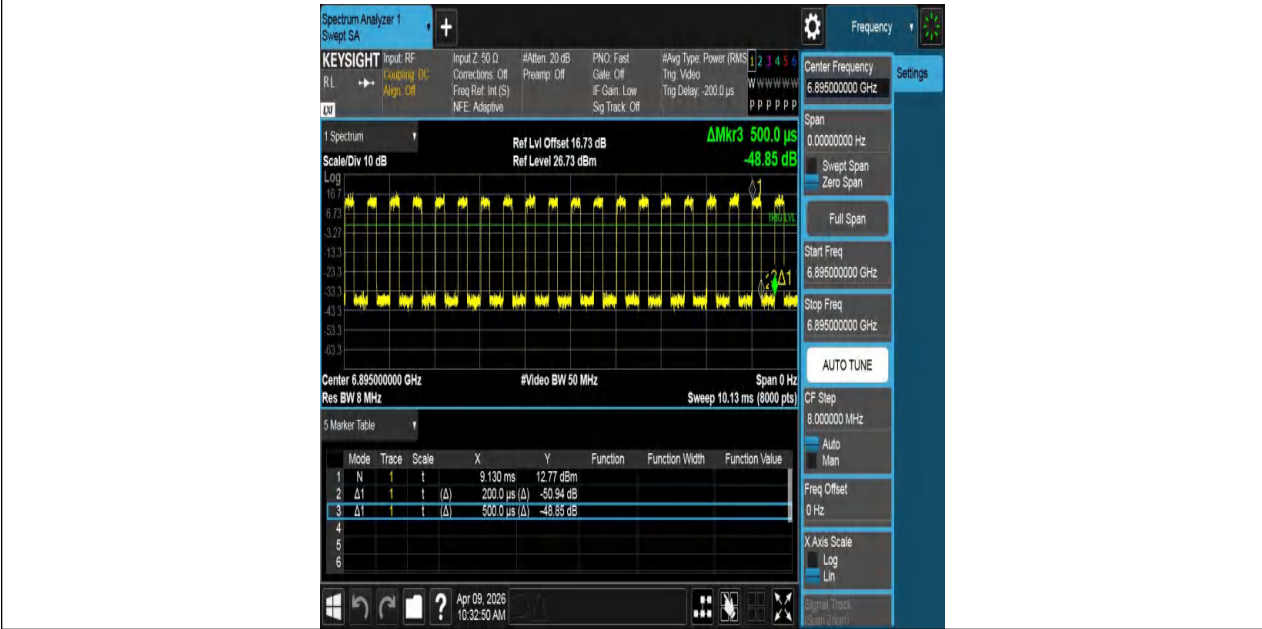
NTNV-11AX20MIMO-Ant1-6875



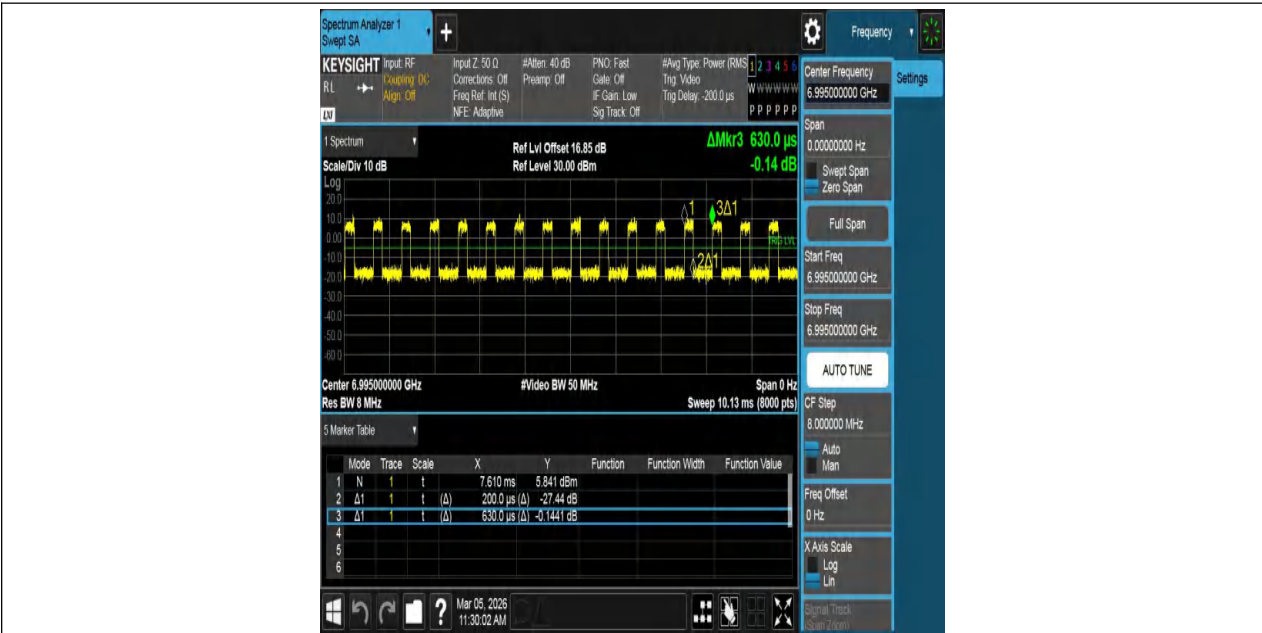
NTNV-11AX20MIMO-Ant2-6875



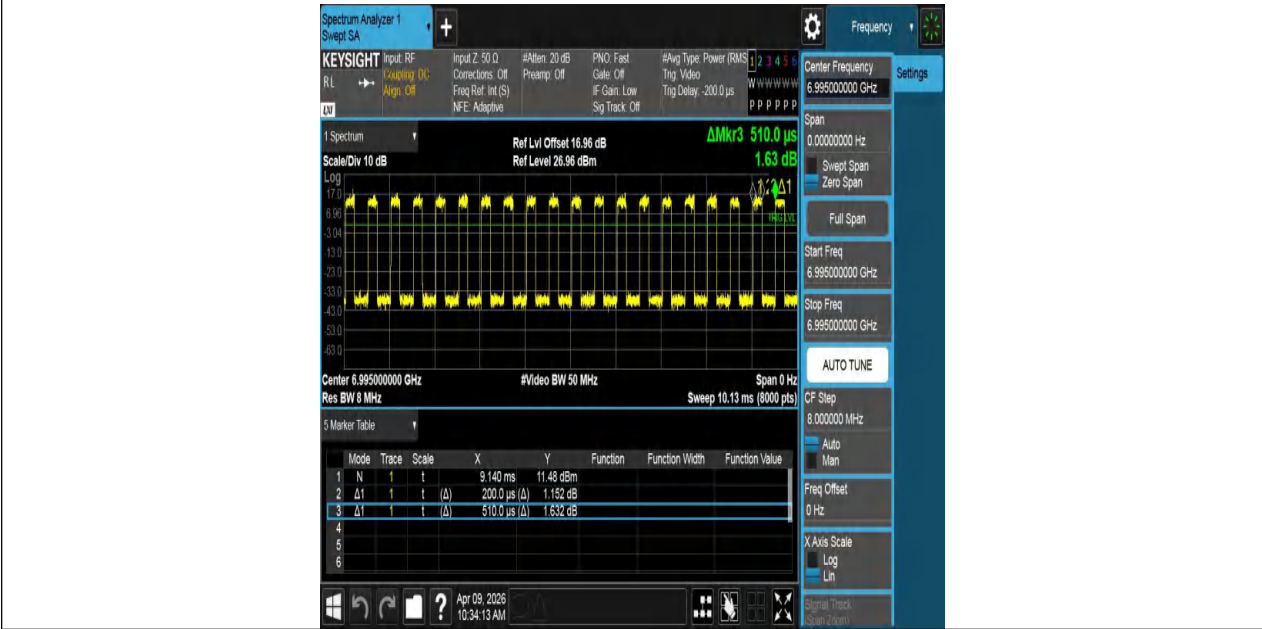
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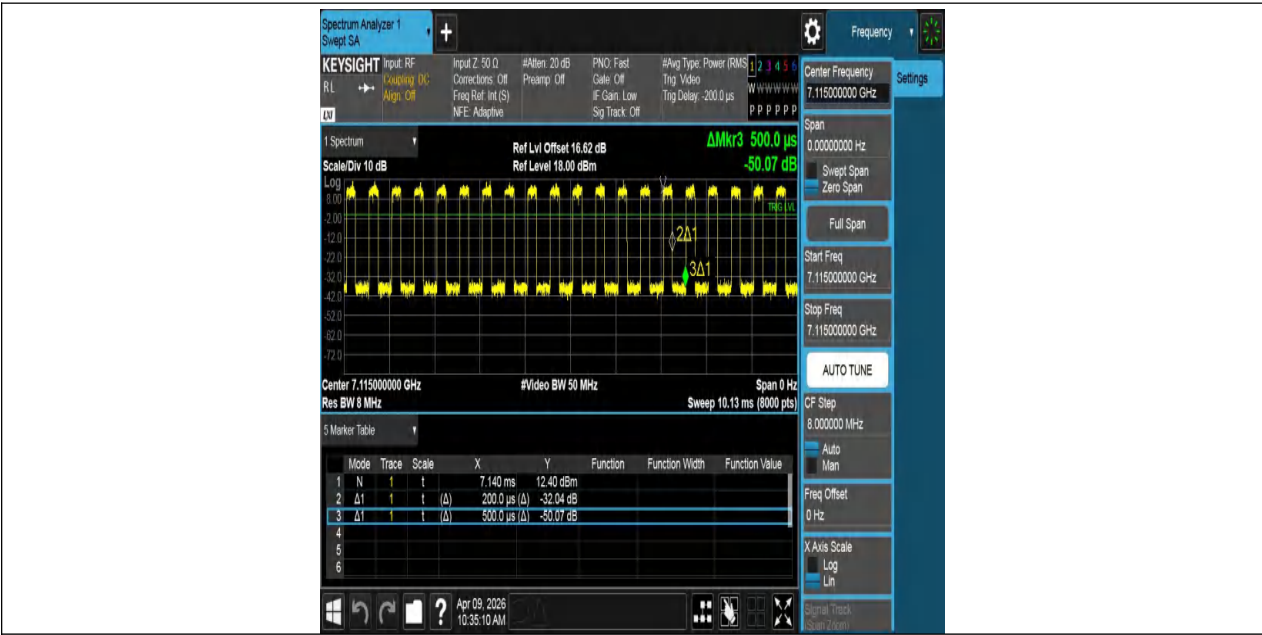
NTNV-11AX20MIMO-Ant2-6895



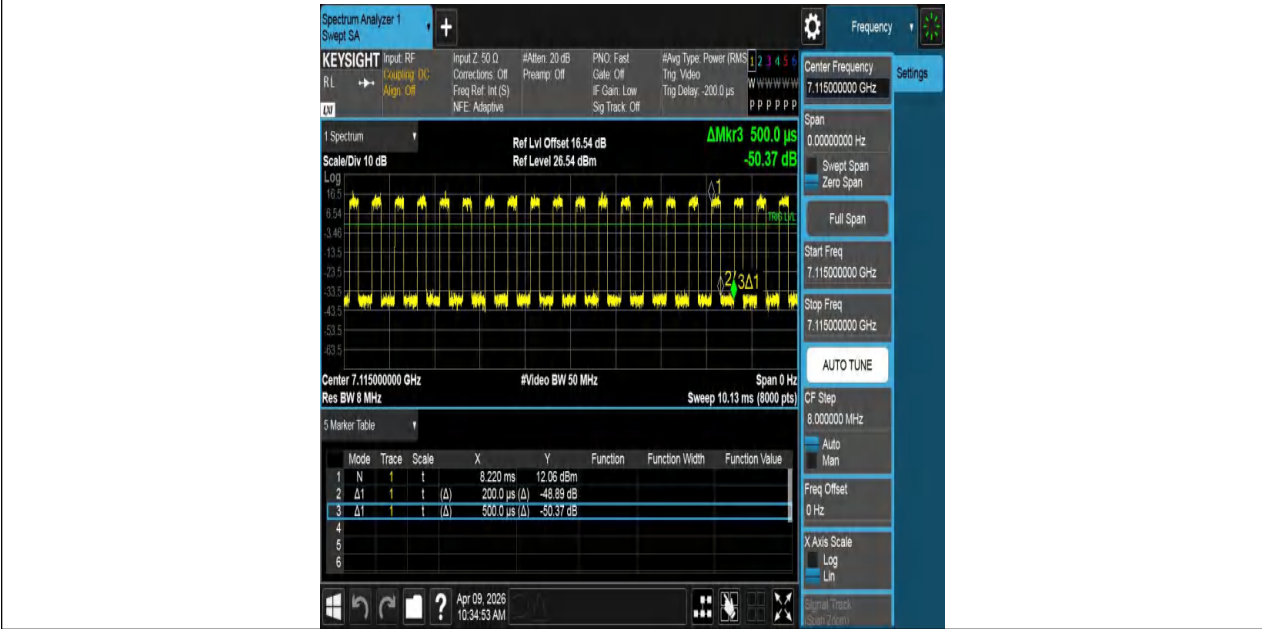
NTNV-11AX20MIMO-Ant1-6995



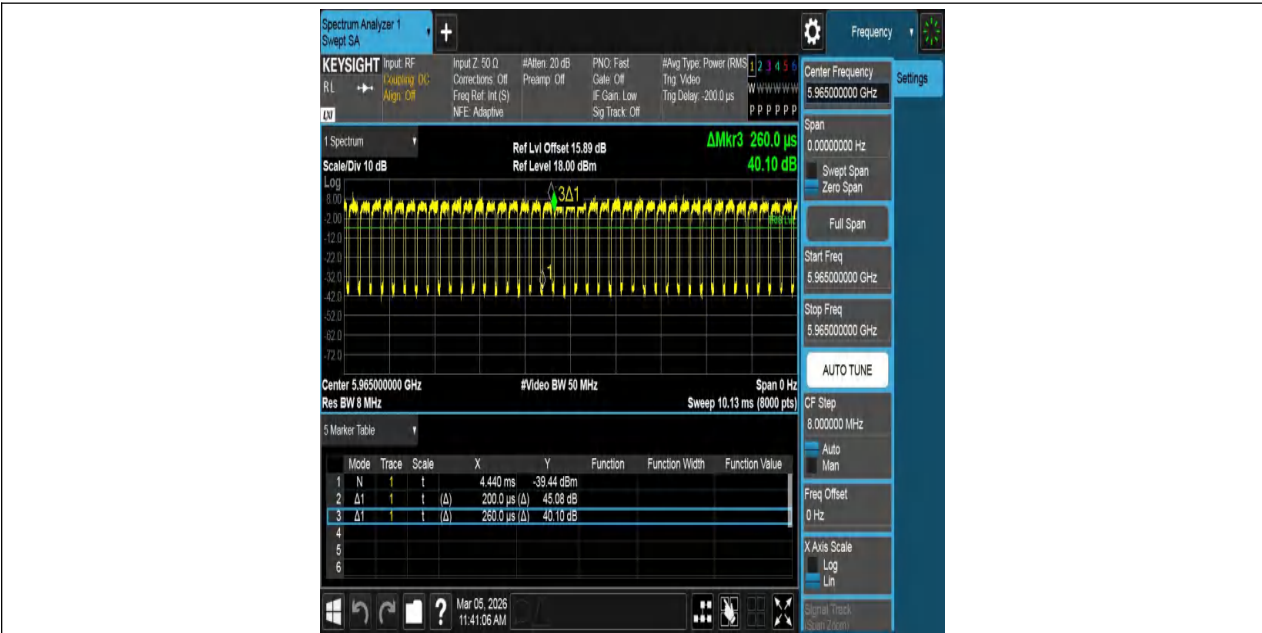
NTNV-11AX20MIMO-Ant2-6995



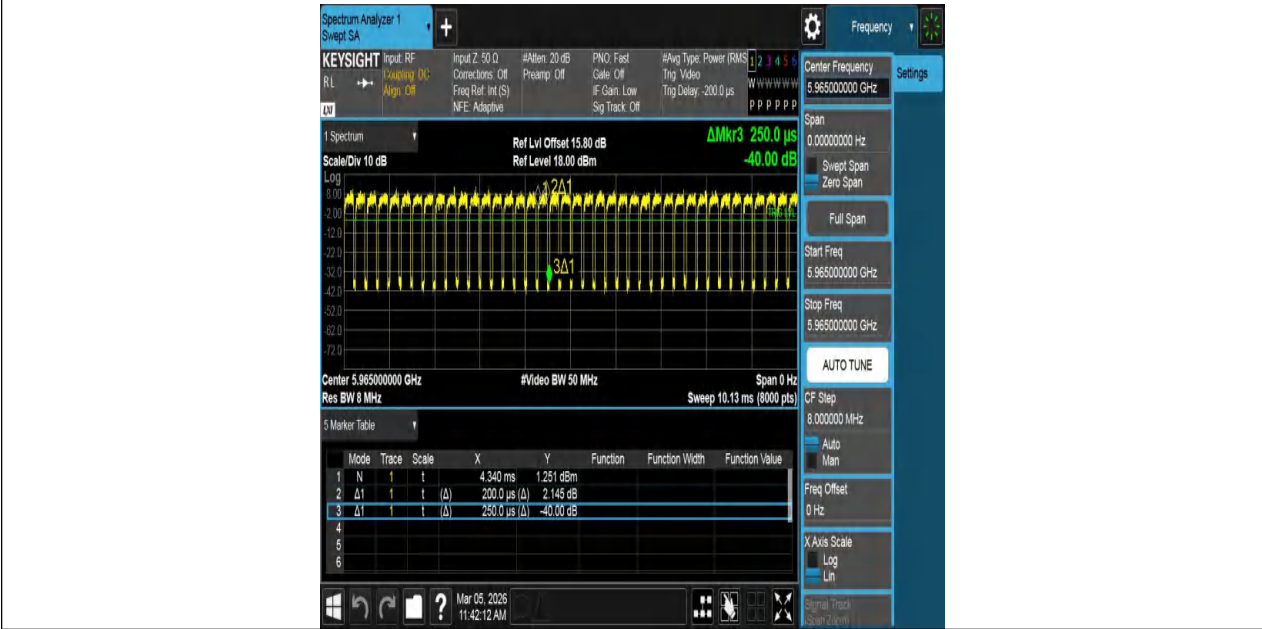
NTNV-11AX20MIMO-Ant2-7115



NTNV-11AX20MIMO-Ant1-7115



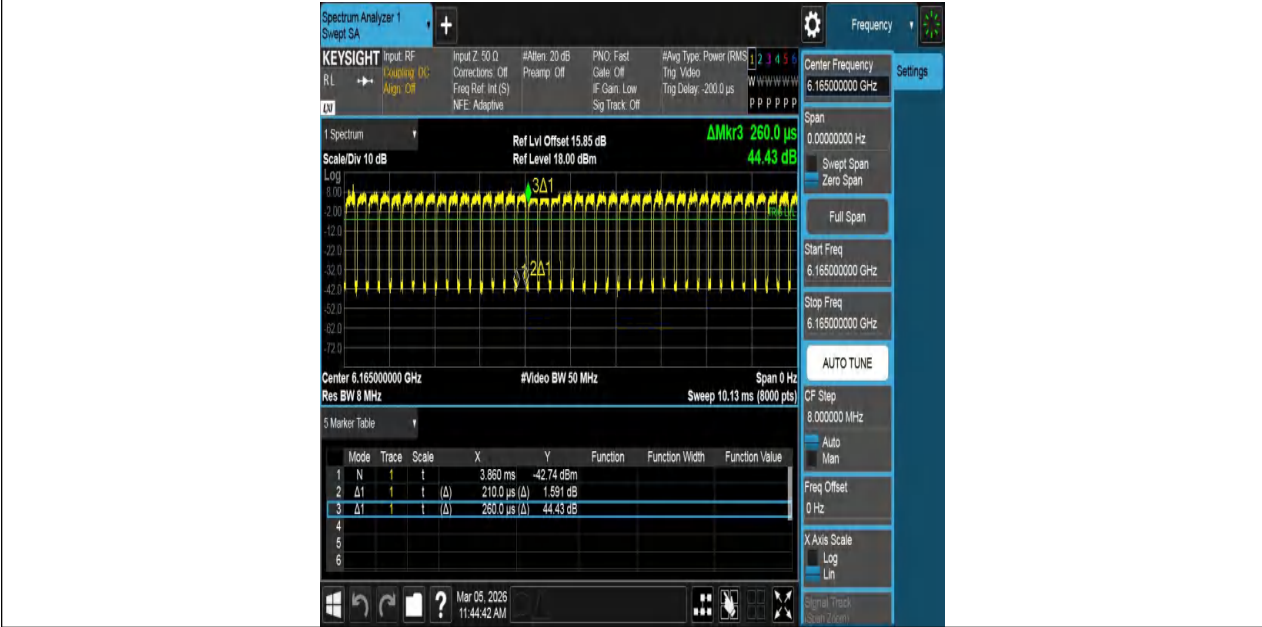
NTNV-11AX40MIMO-Ant1-5965



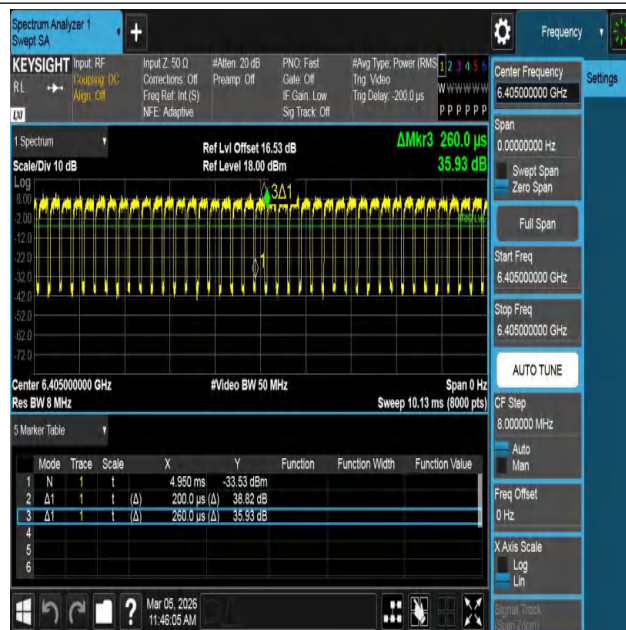
NTNV-11AX40MIMO-Ant2-5965



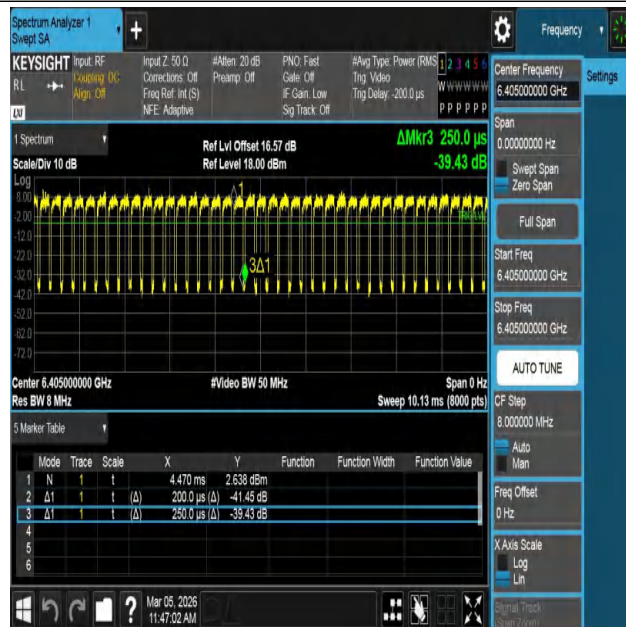
NTNV-11AX40MIMO-Ant1-6165



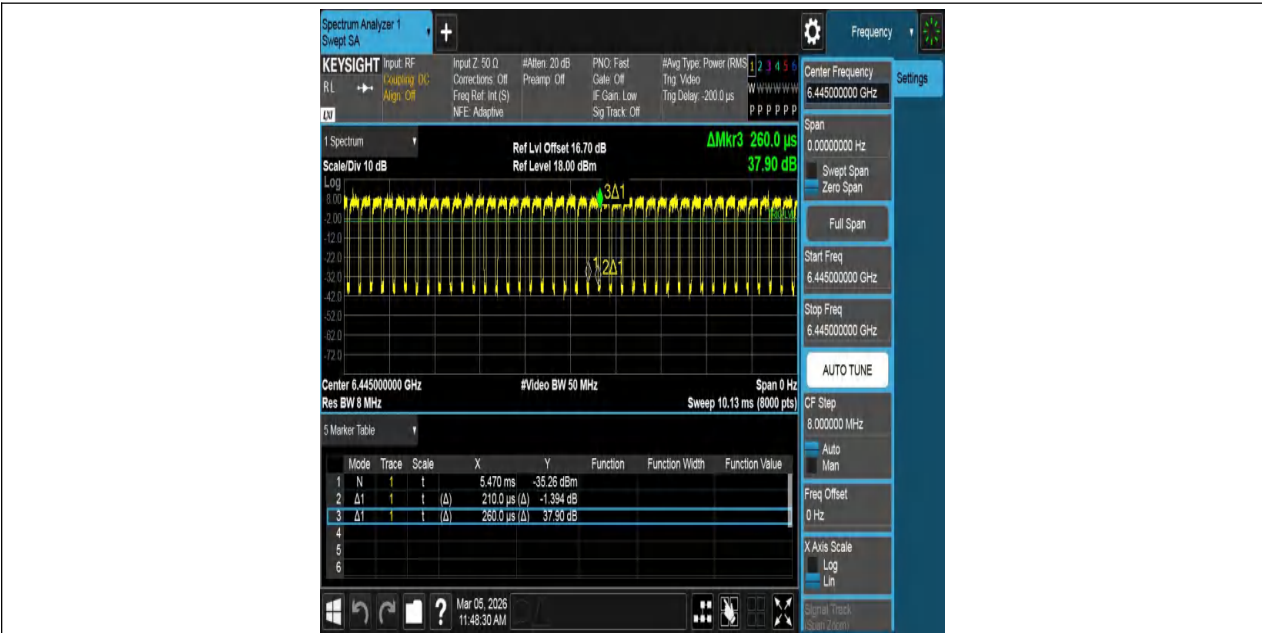
NTNV-11AX40MIMO-Ant2-6165



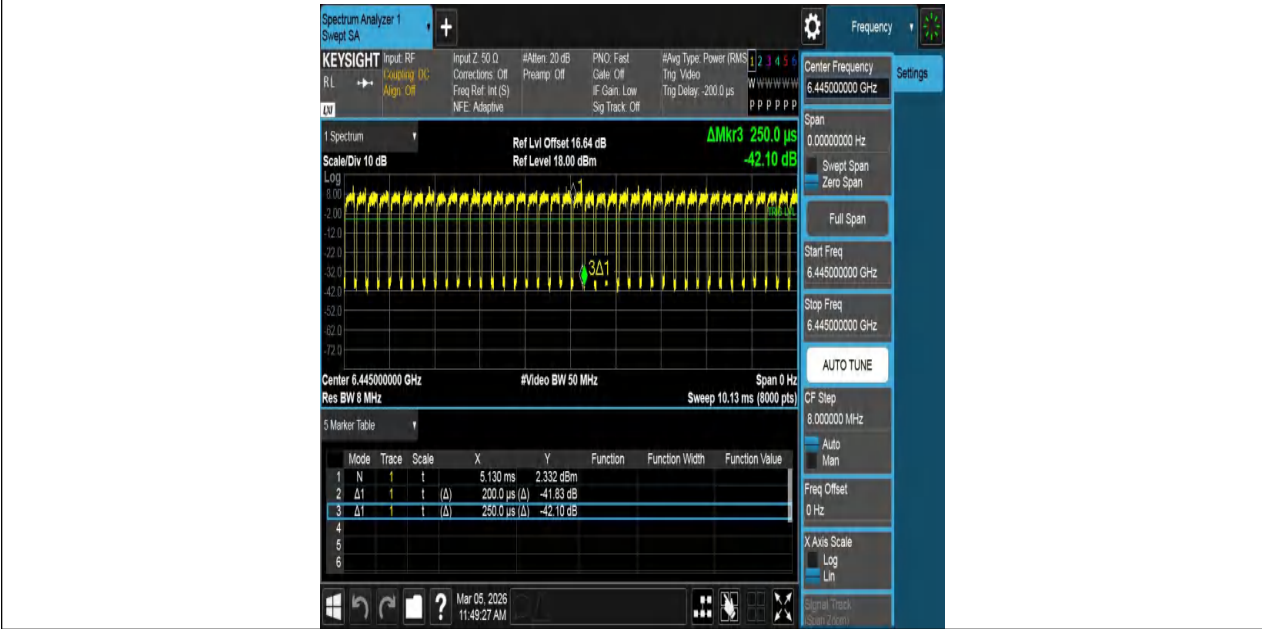
NTNV-11AX40MIMO-Ant1-6405



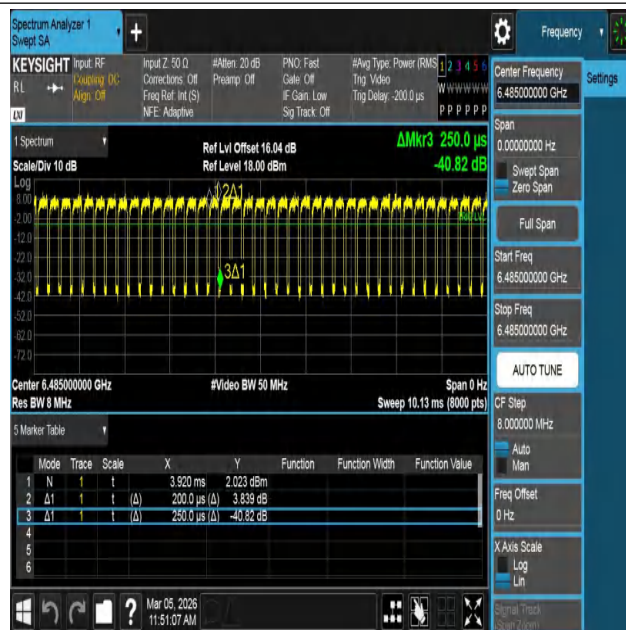
NTNV-11AX40MIMO-Ant2-6405



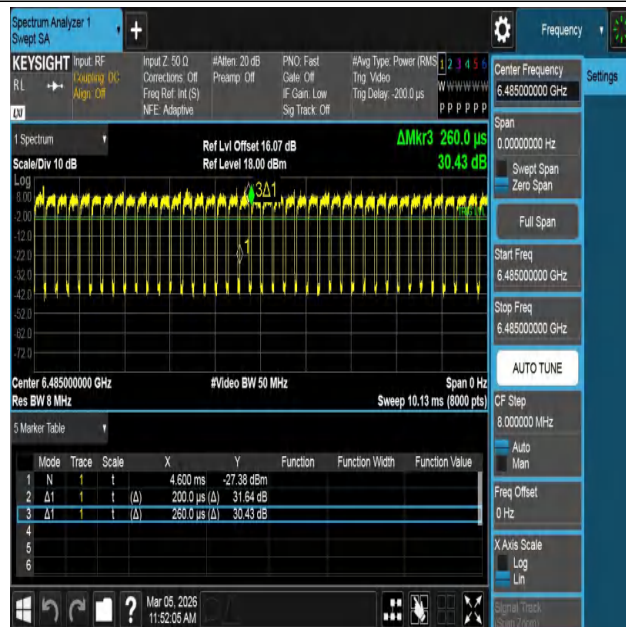
NTNV-11AX40MIMO-Ant1-6445



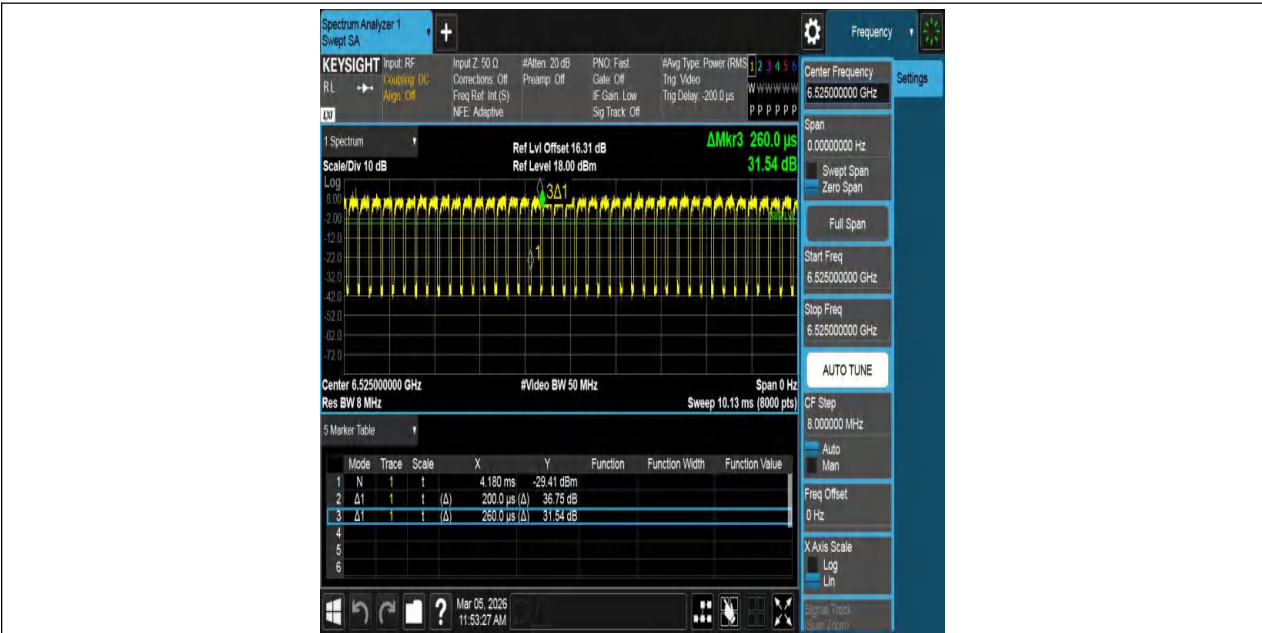
NTNV-11AX40MIMO-Ant2-6445



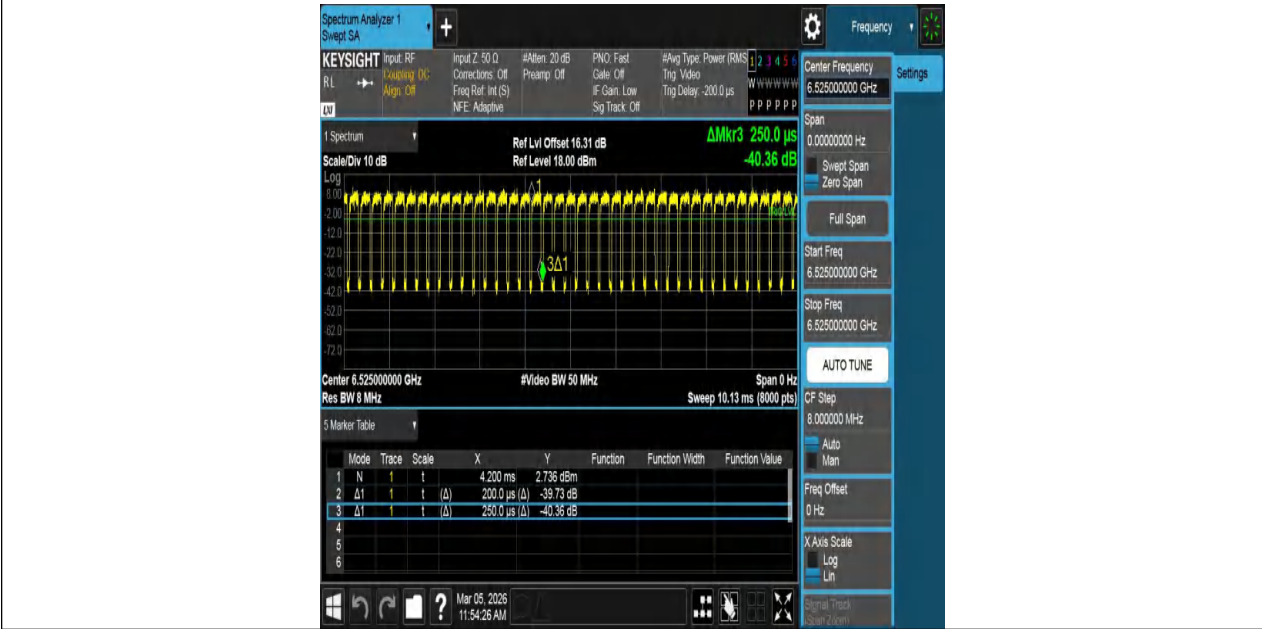
NTNV-11AX40MIMO-Ant1-6485



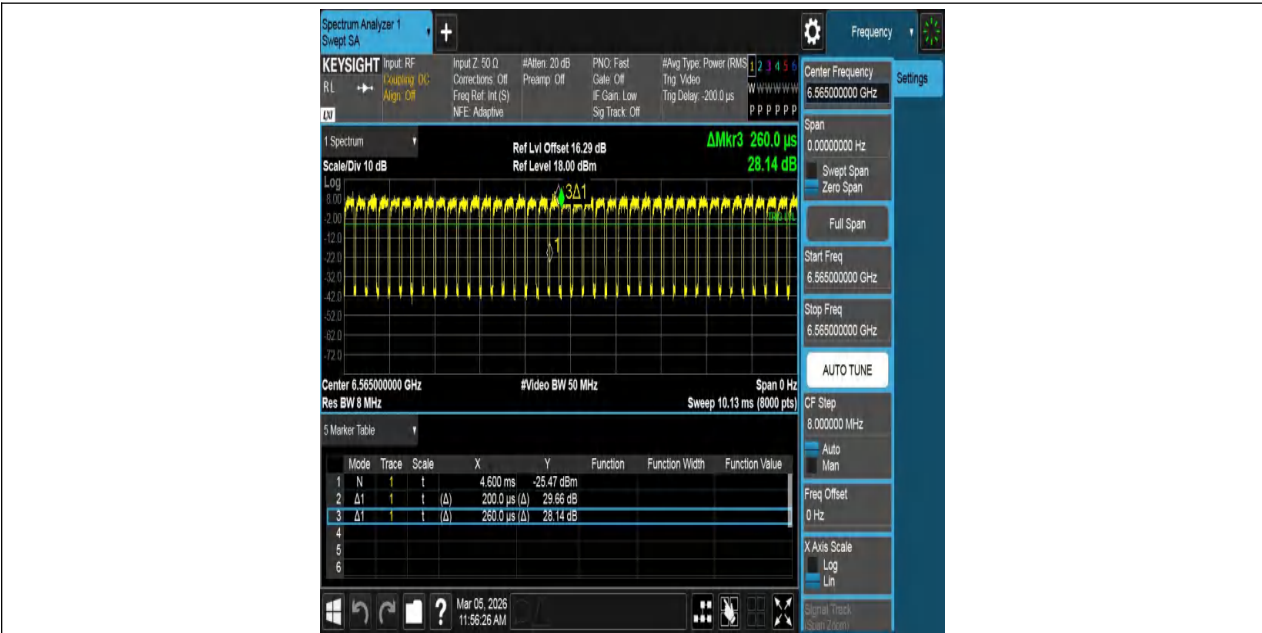
NTNV-11AX40MIMO-Ant2-6485



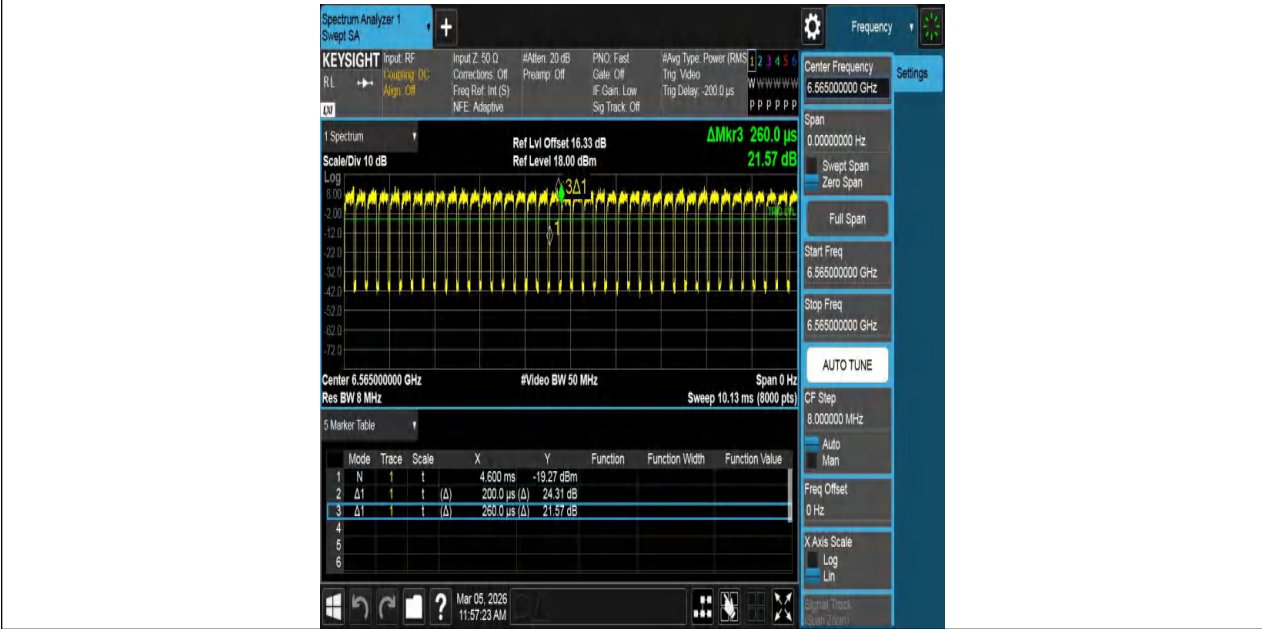
NTNV-11AX40MIMO-Ant1-6525



NTNV-11AX40MIMO-Ant2-6525



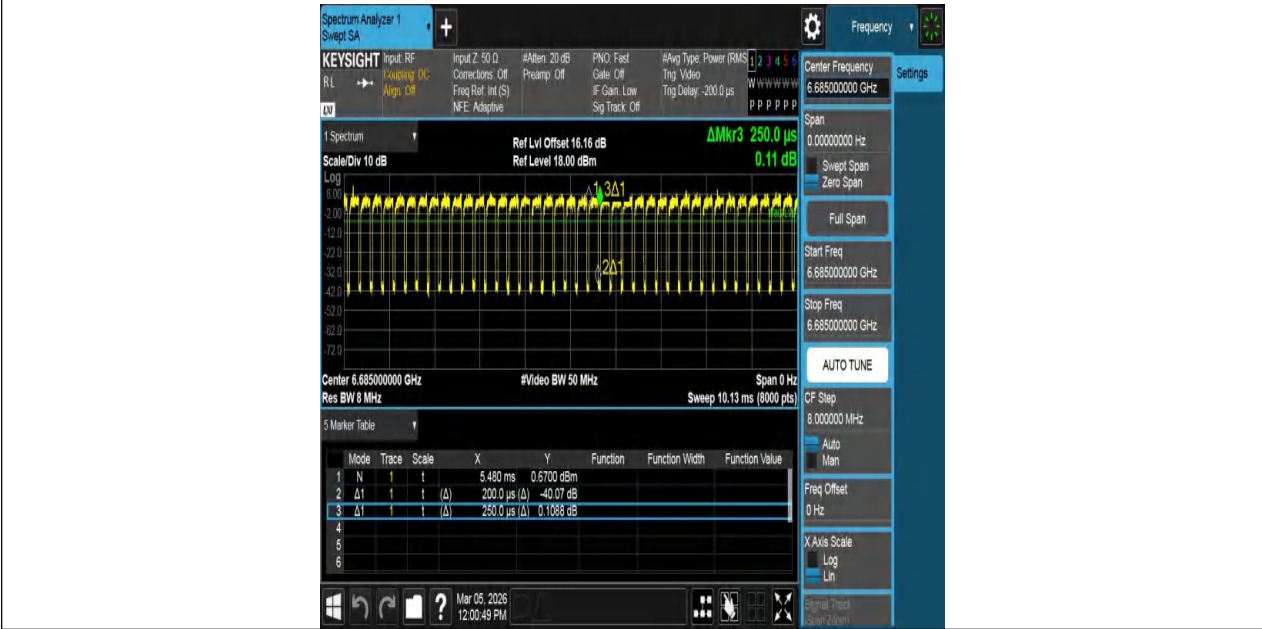
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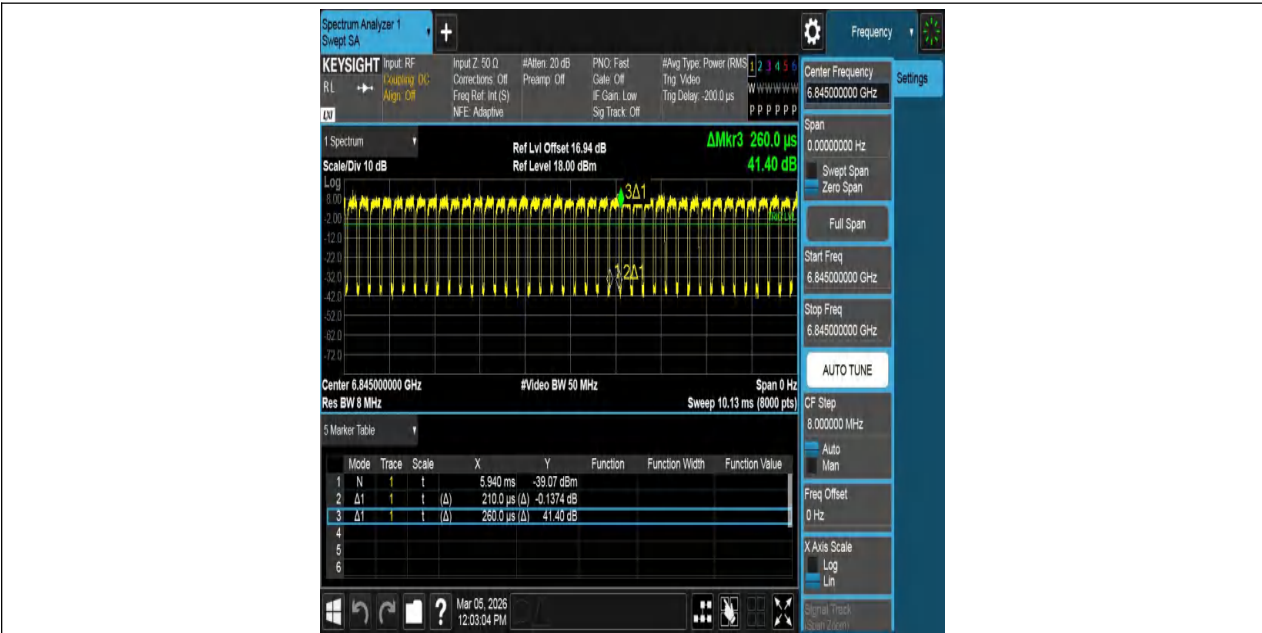
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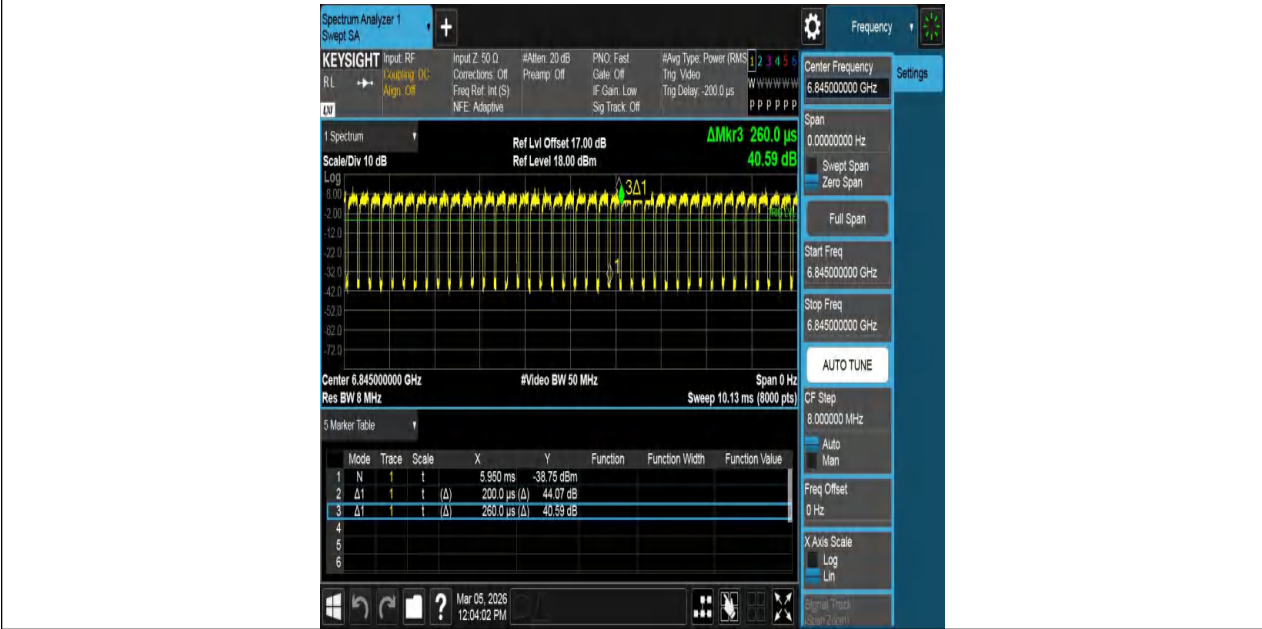
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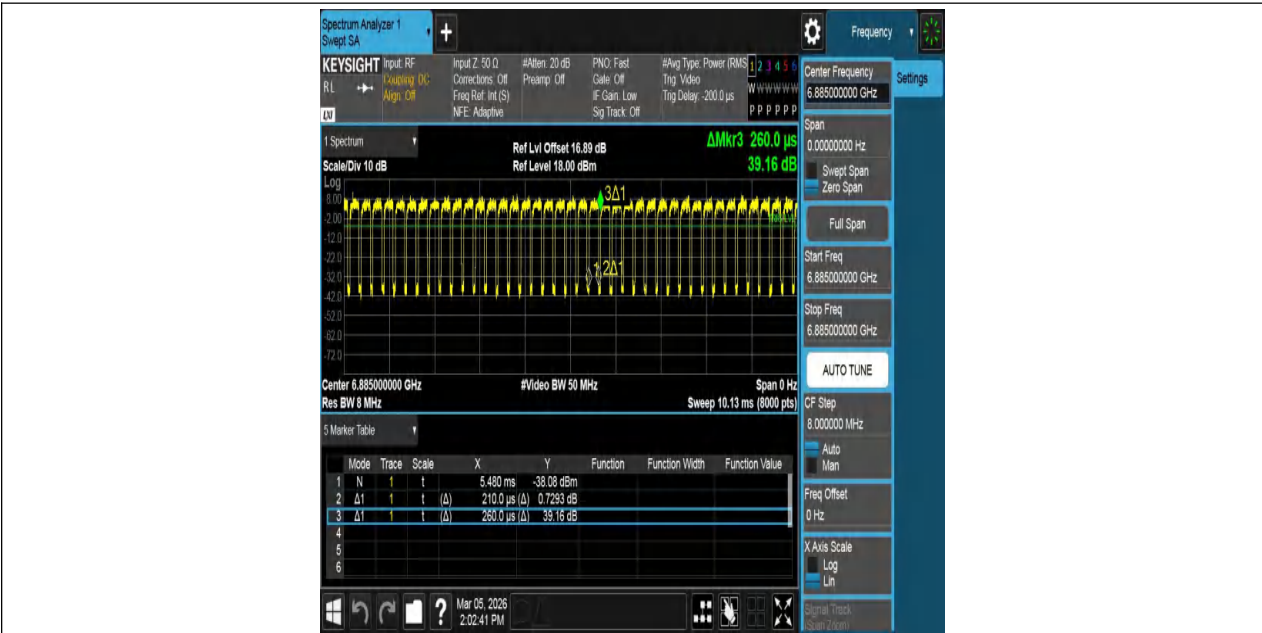
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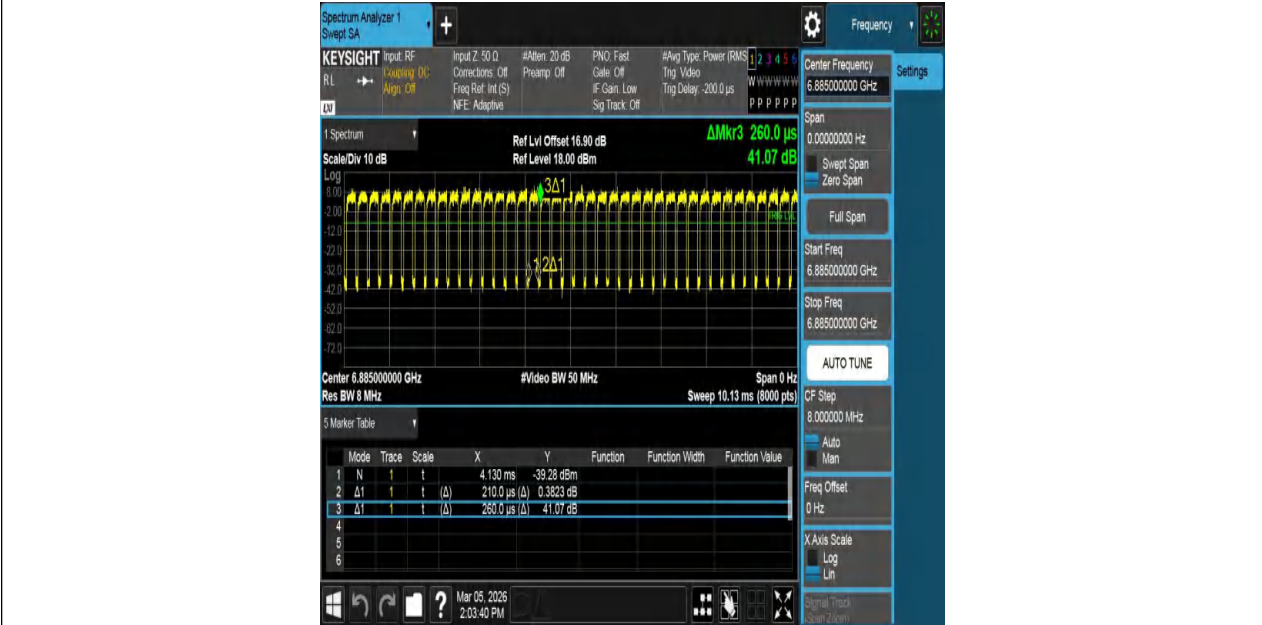
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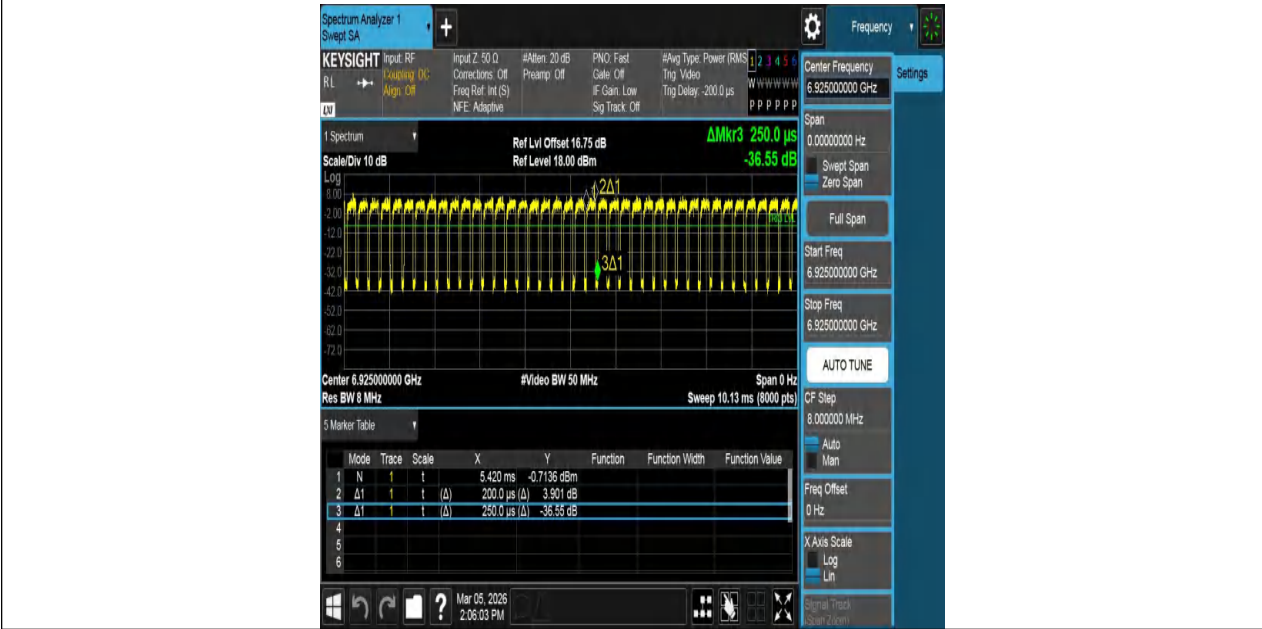
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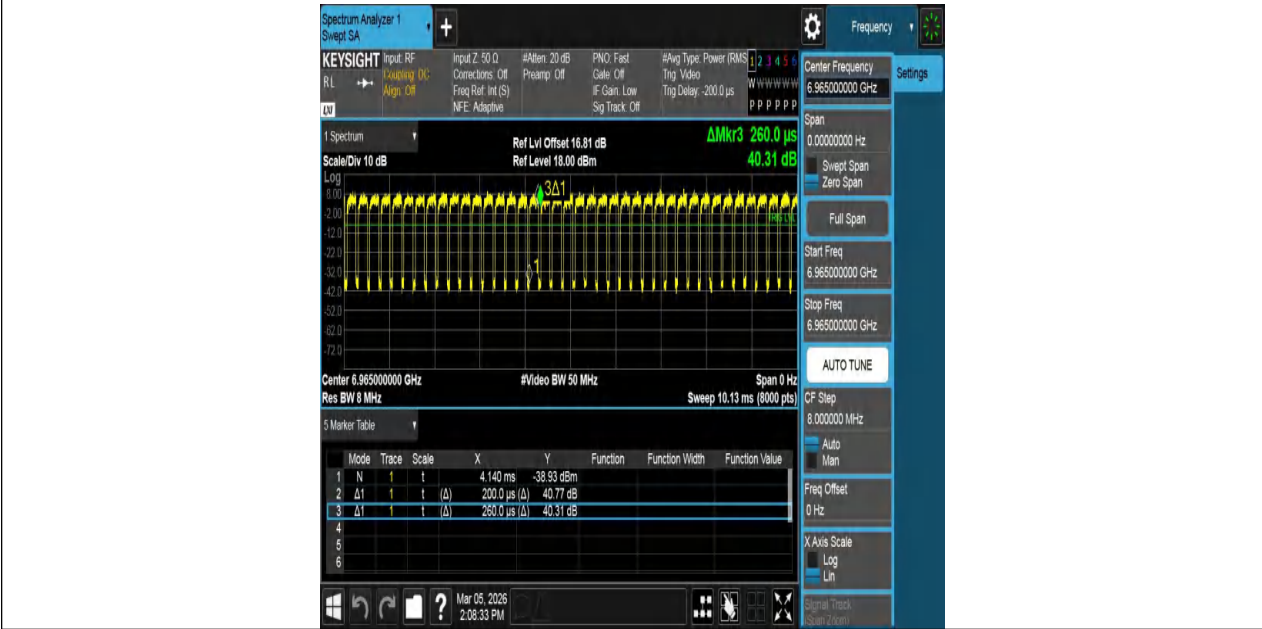
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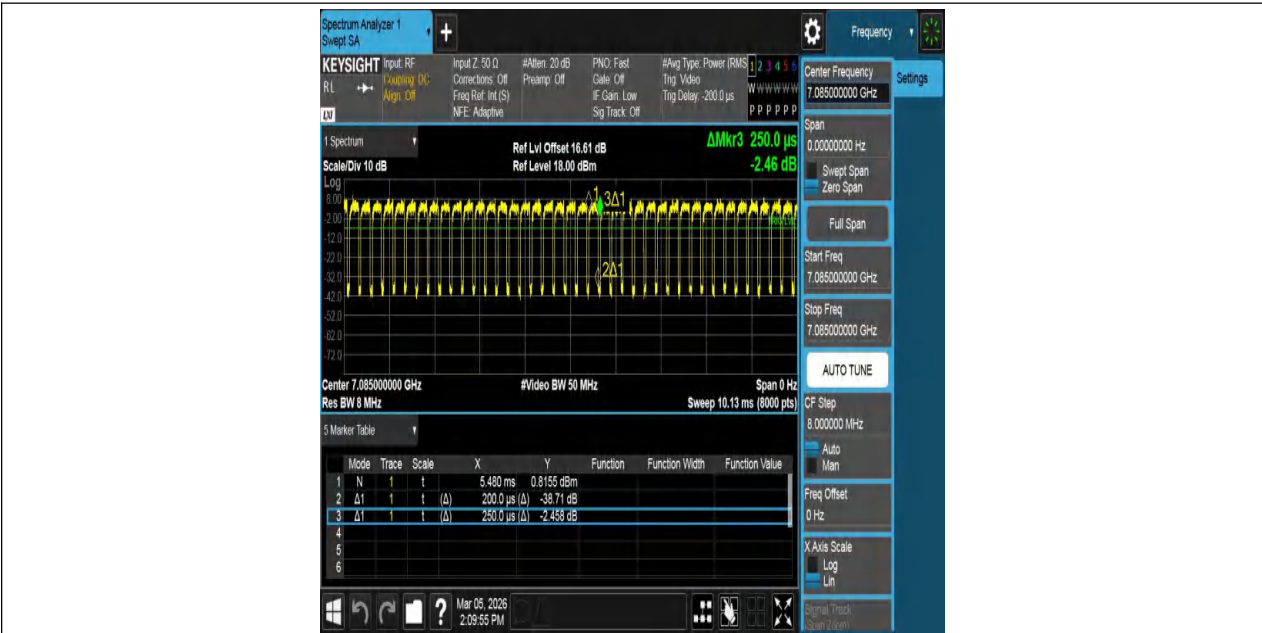
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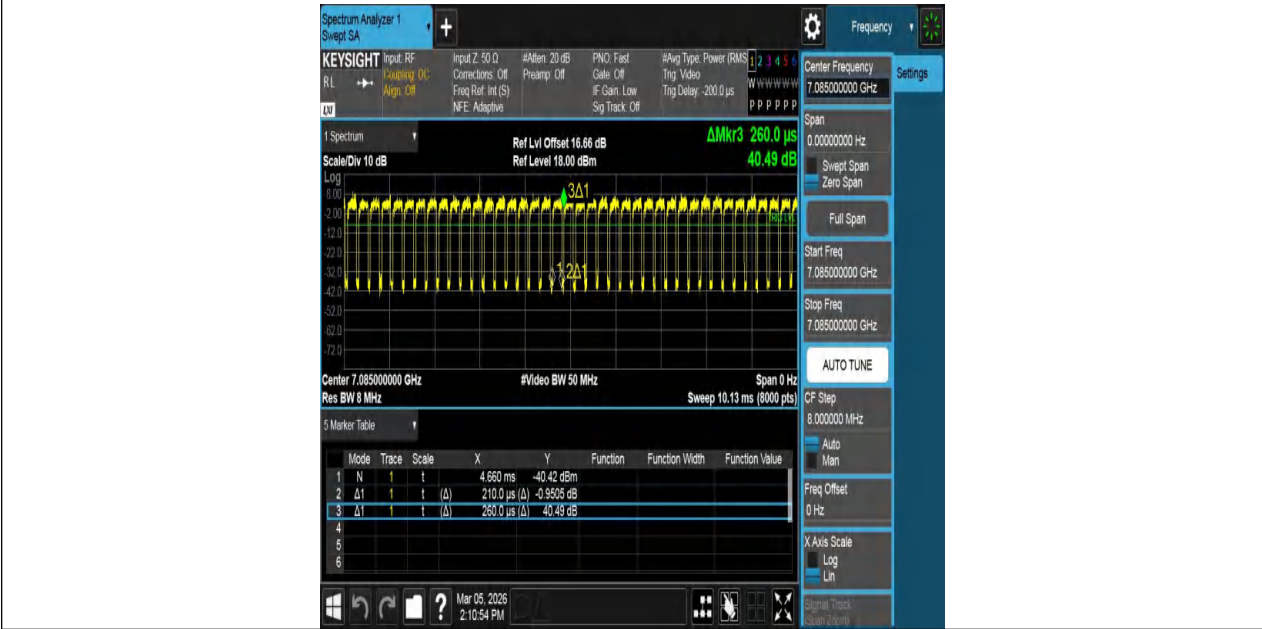
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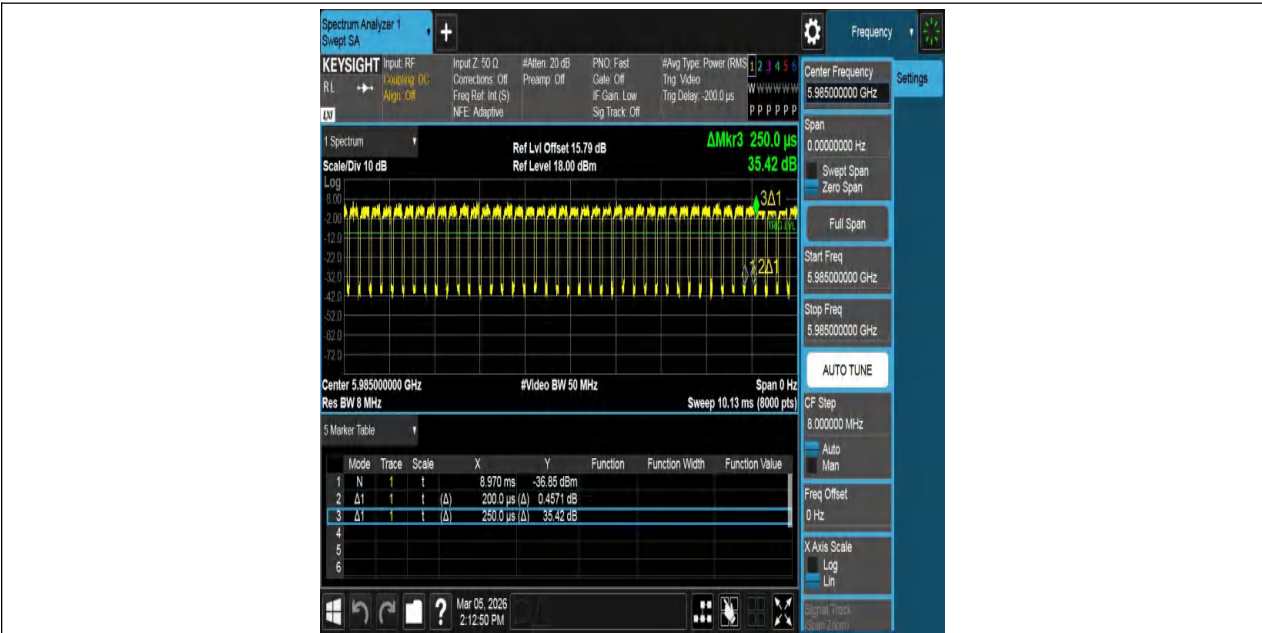
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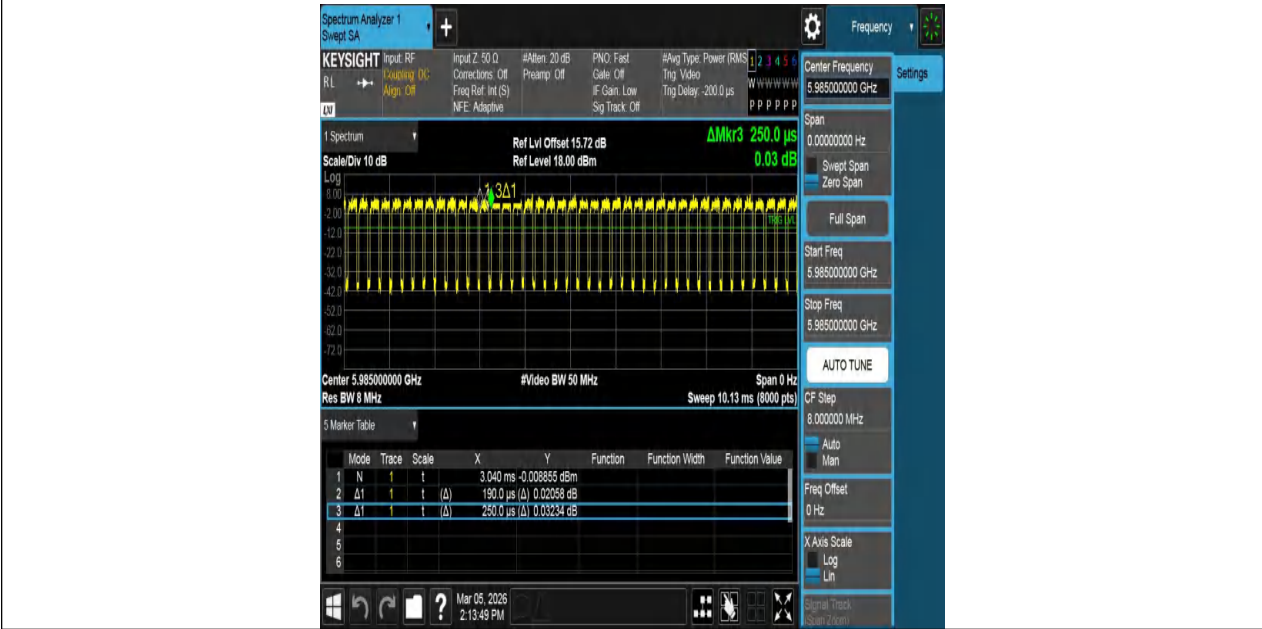
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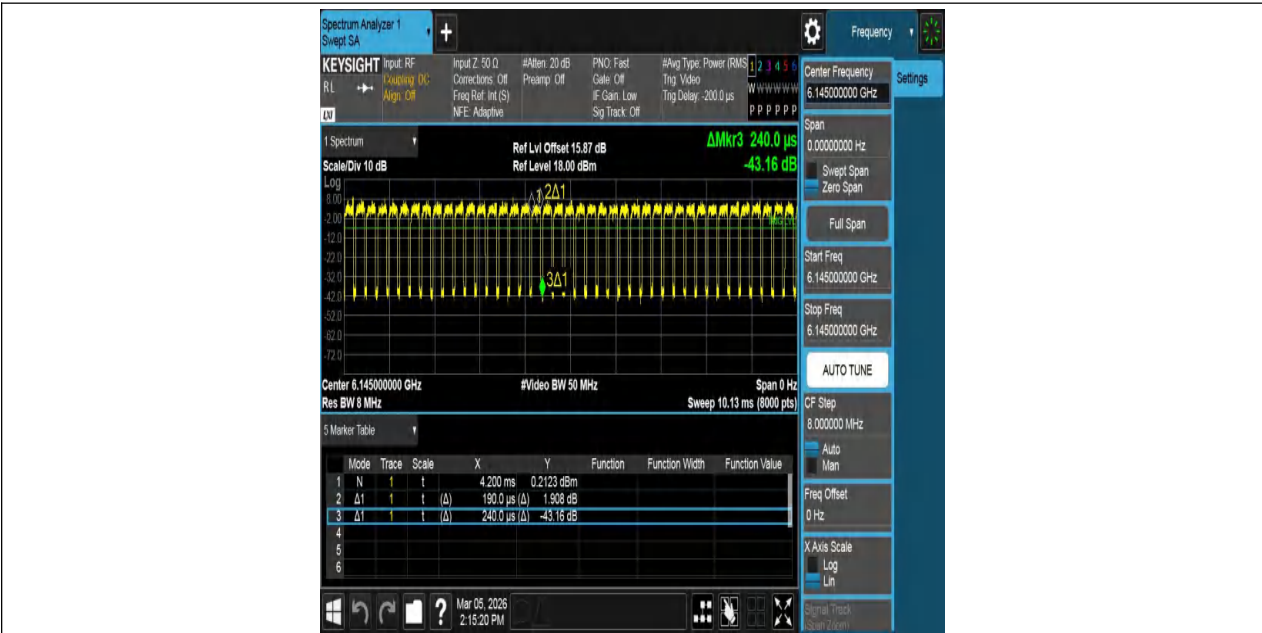
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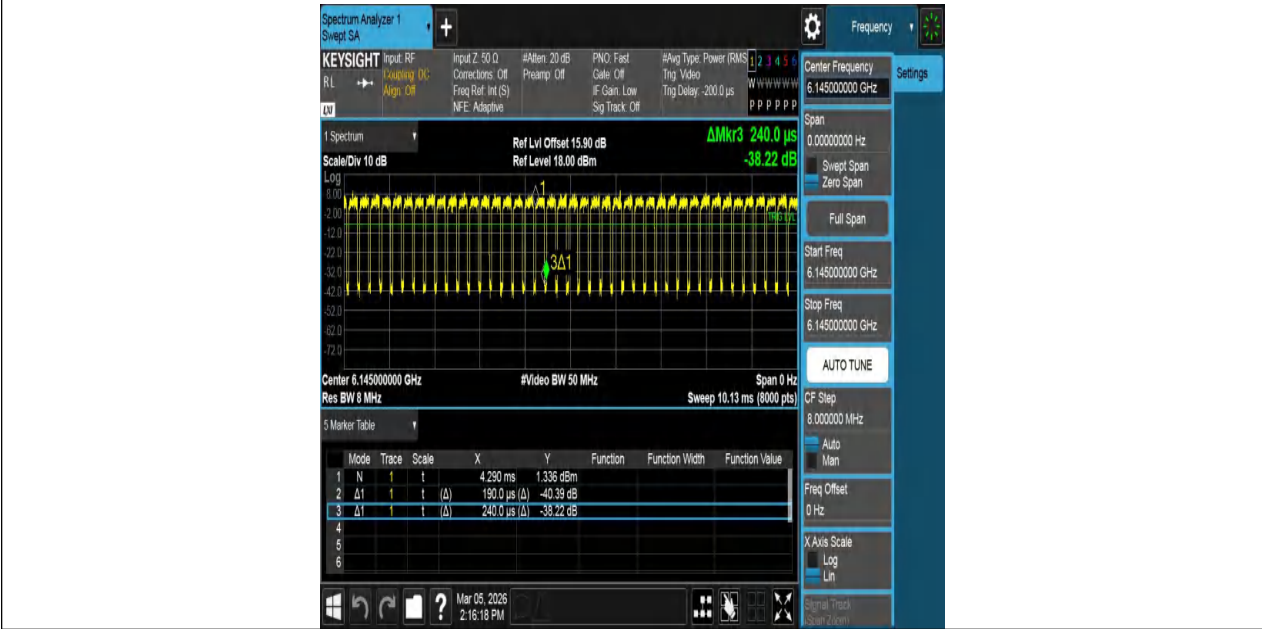
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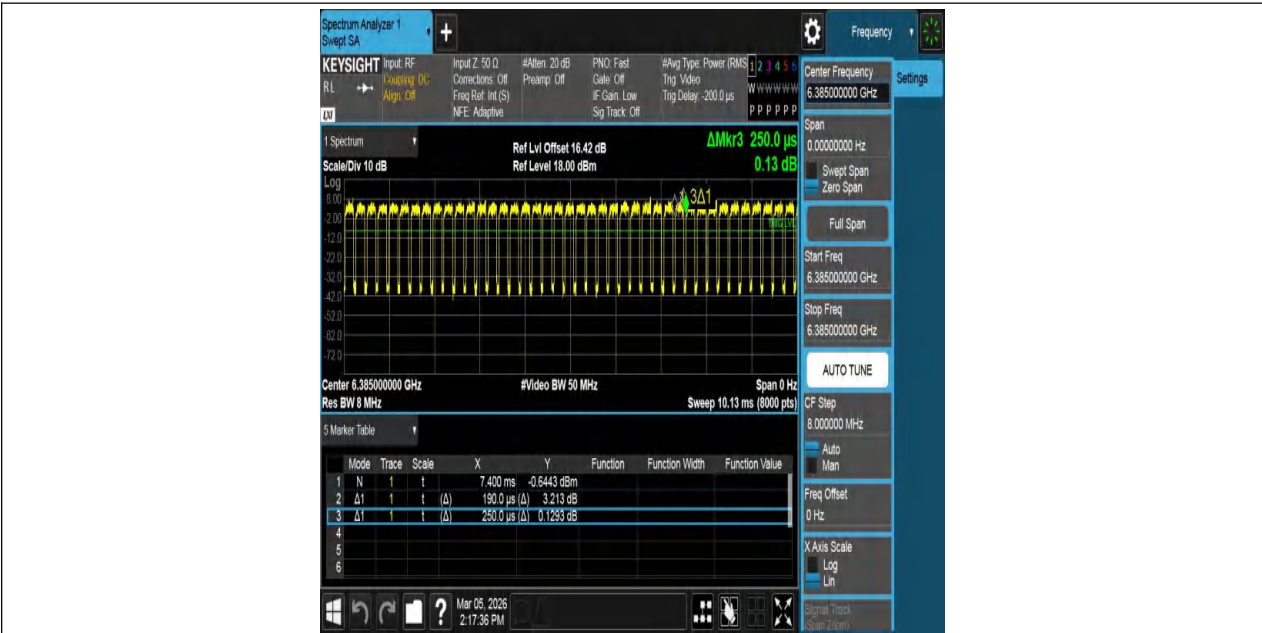
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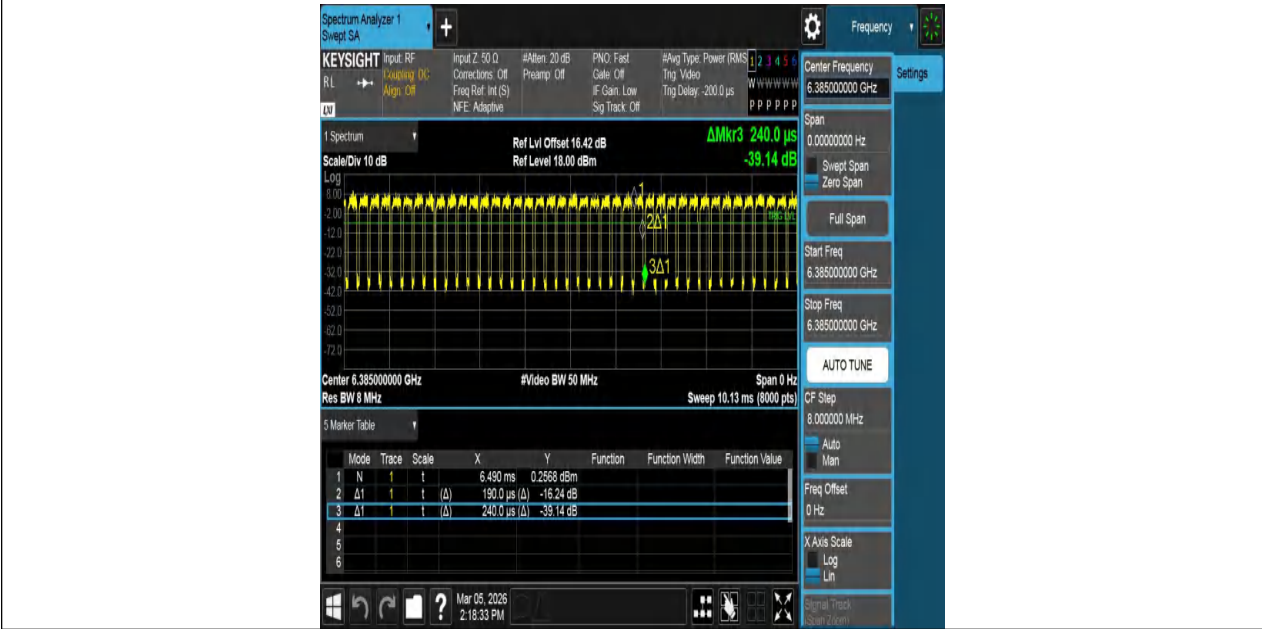
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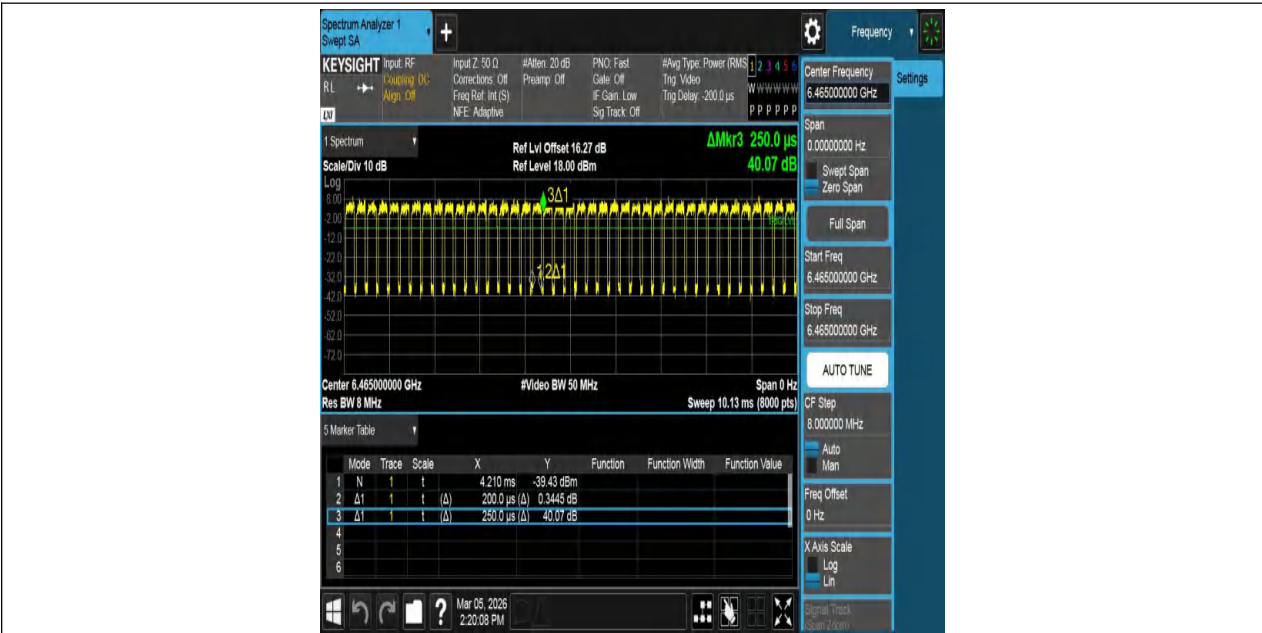
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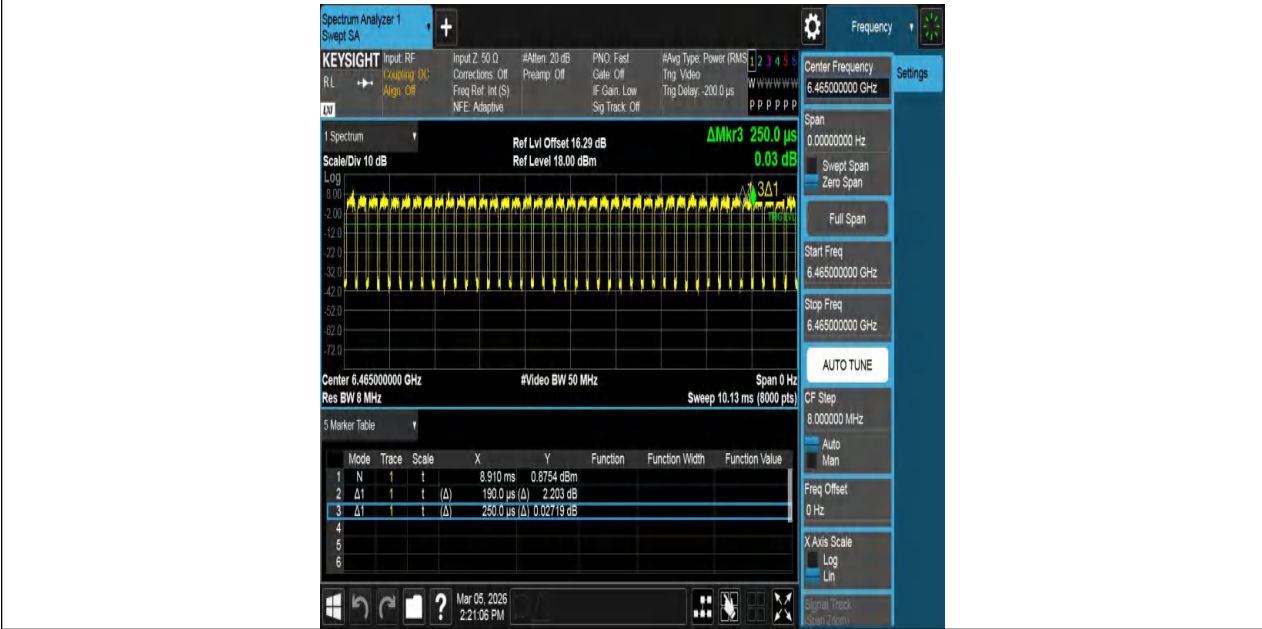
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NTNV-11AX80MIMO-Ant2-6385



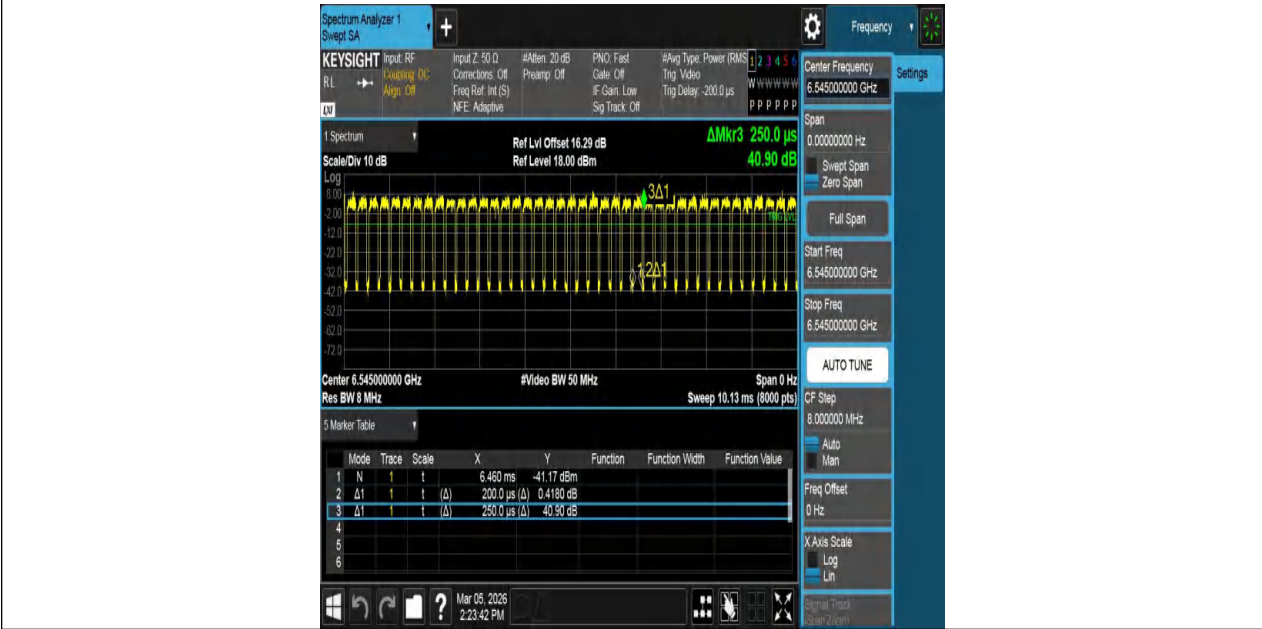
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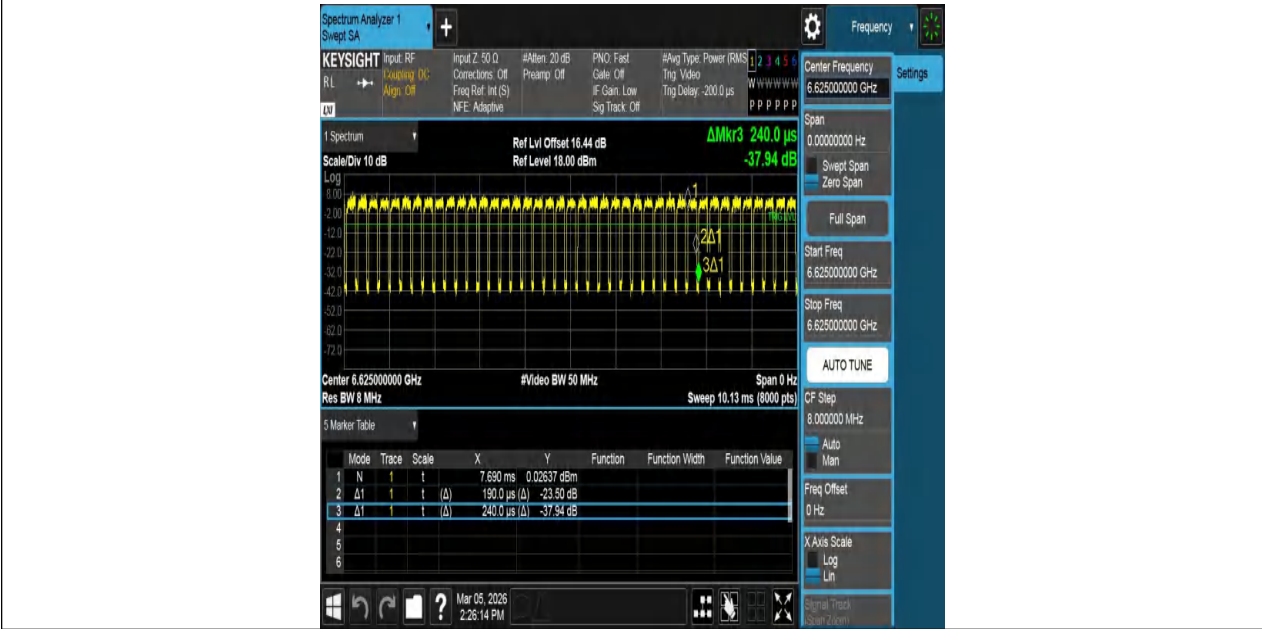
NTNV-11AX80MIMO-Ant1-6545



NTNV-11AX80MIMO-Ant2-6545



NTNV-11AX80MIMO-Ant1-6625



NTNV-11AX80MIMO-Ant2-6625