REPORT No.: SZ24100189W06

TEST REPORT

APPLICANT	:	Rhino Mobility LLC
PRODUCT NAME	:	Hotspot
MODEL NAME	:	H1
BRAND NAME	:	RHINO
FCC ID	:	2AUOUH1
STANDARD(S)	:	47 CFR Part 15 Subpart E
RECEIPT DATE	:	2024-11-20
TEST DATE	:	2024-12-02 to 2024-12-16
ISSUE DATE	:	2025-01-20

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Change History		
Version	**Date**	**Reason for change**
1.0	2025-01-20	First edition

1. Summary of Test Result

No.	Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
1	15.203	Antenna Requirement	N/A	N/A	PASS	No deviation
2	ANSI C63.10	Duty Cycle of the Test Signal	Dec. 05, 2024	Li Xinpeng	PASS	No deviation
3	15.407(a)	Maximum Conducted Output Power	Dec. 05, 2024	Li Xinpeng	PASS	No deviation
4	15.407(a) (e)	Emission Bandwidth	Dec. 05&06, 2024	Li Xinpeng	PASS	No deviation
5	15.407(a)	Peak Power Spectral Density	Dec. 05, 2024	Li Xinpeng	PASS	No deviation
6	15.407(g)	Frequency Stability	Dec. 12, 2024	Li Xinpeng	PASS	No deviation
7	15.207	Conducted Emission	Dec. 05, 2024	Fan Shengquan	PASS	No deviation
8	15.407(b)	Restricted Frequency Bands	Dec. 04, 2024	Li Hanbin	PASS	No deviation
9	15.407(b)	Radiated Emission	Dec. 07, 2024	Li Hanbin	PASS	No deviation

Note 1: The tests of Conducted Emission and Radiated Emission were performed according to the method of measurements prescribed in ANSI C63.10 2013.

Note 2: These RF tests were performed according to the method of measurements prescribed in KDB 789033 D02 v02r01.

Note 3: These RF tests were performed according to the method of measurements prescribed in KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02.

Note 4: Additions to, deviation, or exclusions from the method shall be judged in the "method determination" column of add, deviate or exclude from the specific method shall be explained in the "Remark" of the above table.

Note 5: When the test result is a critical value, we will use the measurement uncertainty give the judgment result based on the 95% confidence intervals.

1.1. Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

• 47 CFR Part 15 Subpart E Radio Frequency Devices

1.2. Test Equipment List

1.2.1 Conducted Test Equipment

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
EXA Signal Analyzer	MY53470836	N9010A	Agilent	2024.02.19	2025.02.18
USB Wideband Power Sensor	MY54180008	U2021XA	Agilent	2024.09.11	2025.09.10
Temperature Chamber	12108015	DTL-003S101	YOMA	2024.09.11	2025.09.10
RF Cable (30MHz-26GHz)	CB01	RF01	Morlab	N/A	N/A
SMA Connector	CN01	RF03	HUBER-SUHNER	N/A	N/A
Attenuator	MTJ6004-10	10dB	MTJ cooperation	N/A	N/A

1.2.2 Conducted Emission Test Equipment

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Receiver	MY56400093	N9038A	KEYSIGHT	2024.01.25	2025.01.24
LISN	8127449	NSLK 8127	Schwarzbeck	2024.02.02	2025.02.01
Pulse Limiter (10dB)	VTSD 9561 F-B #206	VTSD 9561-F	Schwarzbeck	2024.05.30	2025.05.29
RF Coaxial Cable (DC-100MHz)	BNC	MRE04	Qualwave	2024.07.02	2025.07.01

1.2.3 List of Software Used

Description	Manufacturer	Software Version
Test System	MaiWei	2.0.0.0
Morlab EMCR	Morlab	V1.2
TS+ -[JS32-CE]	Tonscend	V2.5.0.0

1.2.4 Radiated Test Equipment

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Signal Analyzer	MY56060145	N9020A	Agilent	2024.05.30	2025.05.29
Test Antenna - Bi-Log	9163-519	VULB 9163	Schwarzbeck	2024.06.22	2025.06.21
Test Antenna - Loop	1519-022	FMZB1519	Schwarzbeck	2024.06.03	2025.06.02
Test Antenna – Horn	01774	BBHA 9120D	Schwarzbeck	2024.06.22	2025.06.21
Test Antenna – Horn	BBHA9170 #773	BBHA9170	Schwarzbeck	2024.06.22	2025.06.21
Preamplifier (10MHz-6GHz)	46732	S10M100L3802	LUCIX CORP.	2024.05.30	2025.05.29
Preamplifier (2GHz-18GHz)	61171/61172	S020180L3203	LUCIX CORP.	2024.05.30	2025.05.29
Preamplifier (18GHz-40GHz)	DS77209	DCLNA0118-40C-S	Decentest	2024.05.30	2025.05.29
RF Coaxial Cable (DC-18GHz)	MRE001	PE330	Pasternack	2024.05.30	2025.05.29
RF Coaxial Cable (DC-18GHz)	MRE002	CLU18	Pasternack	2024.05.30	2025.05.29
RF Coaxial Cable (DC-18GHz)	MRE003	CLU18	Pasternack	2024.05.30	2025.05.29
RF Coaxial Cable (DC-40GHz)	22290045	QA360-40-KK-0.5	Qualwave	2024.07.03	2025.07.02
RF Coaxial Cable (DC-40GHz)	22290046	QA360-40-KKF-2	Qualwave	2024.07.03	2025.07.02
RF Coaxial Cable (DC-18GHz)	22120181	QA500-18-NN-5	Qualwave	2024.07.03	2025.07.02
Notch Filter	N/A	WRCG-5150-5350	Wainwright	N/A	N/A
Notch Filter	N/A	WRCG-5725-5850	Wainwright	N/A	N/A
Anechoic Chamber	N/A	9m*6m*6m	CRT	2022.05.10	2025.05.09

1.3. Measurement Uncertainty

Test Items	Uncertainty	Remark
Peak Output Power	±2.22dB	Confidence levels of 95%
Power Spectral Density	±2.22dB	Confidence levels of 95%
Bandwidth	±5%	Confidence levels of 95%
Restricted Frequency Bands	±5%	Confidence levels of 95%
Radiated Emission	±2.95dB	Confidence levels of 95%
Conducted Emission	±2.44dB	Confidence levels of 95%

1.4. Testing Laboratory

Laboratory Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Laboratory Address:	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China
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FCC Designation Number:	CN1192
FCC Test Firm Registration Number:	226174

2. General Description

2.1. Information of Applicant and Manufacturer

Applicant:	Rhino Mobility LLC
Applicant Address:	8 The Green, Suite A, Dover, Delaware,19901, USA
Manufacturer:	Rhino Mobility LLC
Manufacturer Address:	8 The Green, Suite A, Dover, Delaware,19901, USA

2.2. Information of EUT

Product Name:	Hotspot		
Sample No.:	1#, 15#		
Hardware Version:	SD5001_V1.0		
Software Version:	H1(001)_20250109		
Modulation Technology:	OFDM, OFDMA		
Modulation Mode:	802.11a, 802.11n (HT20), 802.11n (HT40) 802.11ac (VHT20), 802.11ac (VHT40), 802.11ac (VHT80) 802.11ax (HEW20), 802.11ax (HEW40), 802.11ax (HEW80)		
Operating Frequency Range:	5180MHz-5240MHz; 5745MHz-5825MHz		
Antenna Type:	PIFA Antenna		
Antenna Gain(dBi):	ANT 1	ANT 2	Directional Gain Note2
	2.71	4.12	6.45
Accessory Information:	Battery		
	Brand Name:	RHINO	
	Model No.:	SA3401	
	Serial No.:	N/A	
	Rated Capacity:	4000mAh	
	Rated Voltage:	3.85V	
	Charge Limit:	4.4V	
	Manufacturer:	Jiade Energy Technology（Zhuhai）Co., Ltd.	
	AC Adapter		
	Brand Name:	RHINO	
	Model No.:	XT-C15	
	Serial No.:	N/A	

	Rated Output:	5.0V⎓2.0A
	Rated Input:	100-240V~50/60Hz, 0.3A
	Manufacturer:	DONGGUAN SUMMER ELECTRONICS CO., LTD.
	USB Cable	
	Model No.:	XSD607000014A
	Manufacturer:	DOWAYE ELECTRONICS CO., LTD

Note 1: The EUT supports a MIMO function. Physically, the EUT provides two completed transmitters and two receivers for 802.11n, 802.11ac and 802.11ax modulation mode.

Modulation Mode:	**TX Function**
802.11a	1TX
802.11n/ac/ax	2TX

Note 2: Directional gain is calculated based on KDB 662911 D01

KDB 662911 D01 Directional Gain Calculation			
Clause	Type	Correlation	Calculation formula
F.2.a	Equal G_{ANT} & Power	☐(i). Correlated	$G_{ANT} + 10\log(N_{ANT})$
		☐(ii). Uncorrelated	G_{ANT}
F.2.d	Unequal G_{ANT} & Equal Power	☒(i). Correlated	$10\log[(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2/N_{ANT}]$
		☐(ii). Uncorrelated	$10\log[(10^{G1/10} + 10^{G2/10} + \ldots + 10^{GN/10})/N_{ANT}]$

Where G_{ANT} is the antenna gain in dBi, N_{ANT} is the number of outputs.

Note 3: All radiation test items for 802.11n, 802.11ac and 802.11ax modulation mode operate at MIMO mode during the test. Other modulation mode operate at SISO mode, both of the two antennas were tested separately, we only recorded the worst test result(ANT 2) in this report.

Note 4: For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.

2.3. Channel List of EUT

(U-NII-1) 5180MHz-5240MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	**36**	**5180**	40	5200
	44	**5220**	**48**	**5240**
40MHz	**38**	**5190**	**46**	**5230**
80MHz	**42**	**5210**		
(U-NII-3) 5745MHz-5825MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	**149**	**5745**	153	5765
	157	**5785**	161	5805
	165	**5825**		
40MHz	**151**	**5775**	**159**	**5795**
80MHz	**155**	**5775**		

Note 1: The black bold channels were selected for test.

2.4. Test Configuration of EUT

2.4.1.Modulation Type and Data Rate of EUT

Mode	Bandwidth (MHz)	Modulation Technology	Modulation Type	Data Rate	RU Size
802.11a	20	OFDM	**BPSK**	**6**/9/12/18/24/36/48/54 Mbps	N/A
			QPSK		
			16QAM		
			64QAM		
802.11n	20/40 (HT20/40)	OFDM	**BPSK**	**MCS0**~MCS7	N/A
			QPSK		
			16QAM		
			64QAM		
802.11ac	20/40/80 (VHT20/40/80)	OFDM	**BPSK**	**MSC0**~MCS9	N/A
			QPSK		
			16QAM		
			64QAM		
			256QAM		
802.11ax	20/40/80 (HEW20/40/80)	OFDMA	**BPSK**	**MSC0**~MCS11	N/A
			QPSK		
			16QAM		
			64QAM		
			256QAM		
			1024QAM		

Note1: The worst-case mode (bold face) in all data rates has been determined during the pre-scan, only the test data of the worst-case were recorded in this report.

Note2: The RF signal transmission of EUT is controlled by the build-in engineering mode which is provided by the manufacturer. The recorded power setting value is the maximum that the engineering mode has configuration during testing.

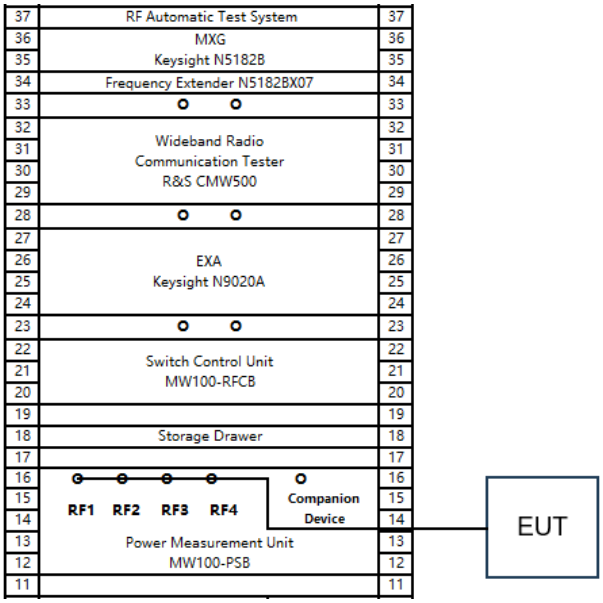
Note3: The RU allocation of 802.11ax mode, only full ru is supported.

2.5. Test Conditions

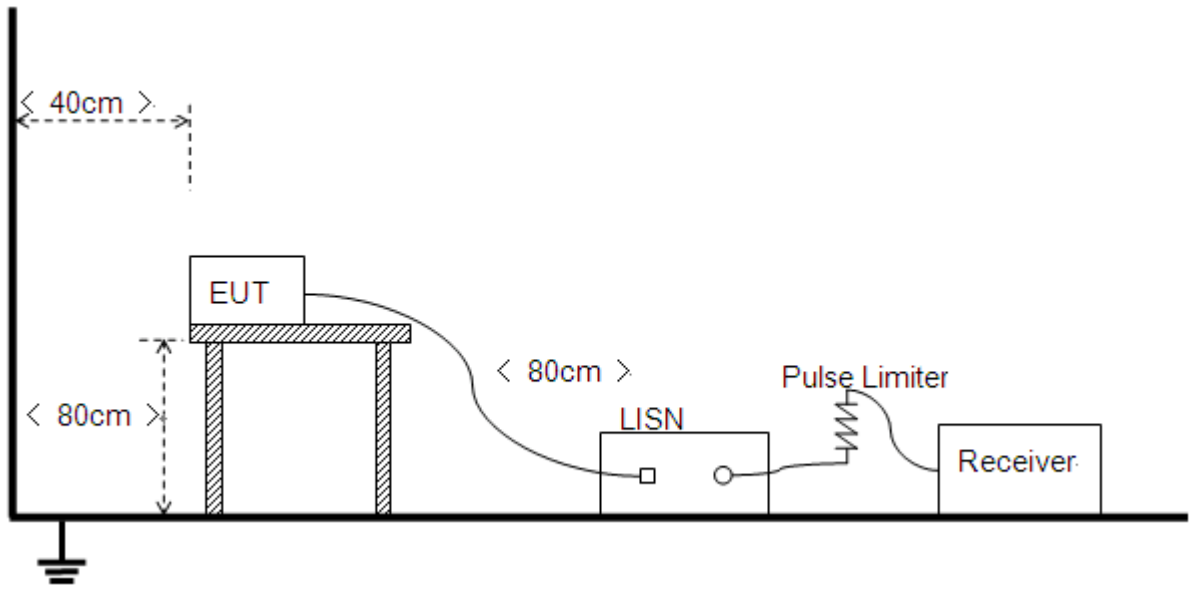
Temperature (°C):	15-35
Relative Humidity (%):	30-60
Atmospheric Pressure (kPa):	86-106

2.6. Test Setup Layout Diagram

2.6.1.Conducted Measurement

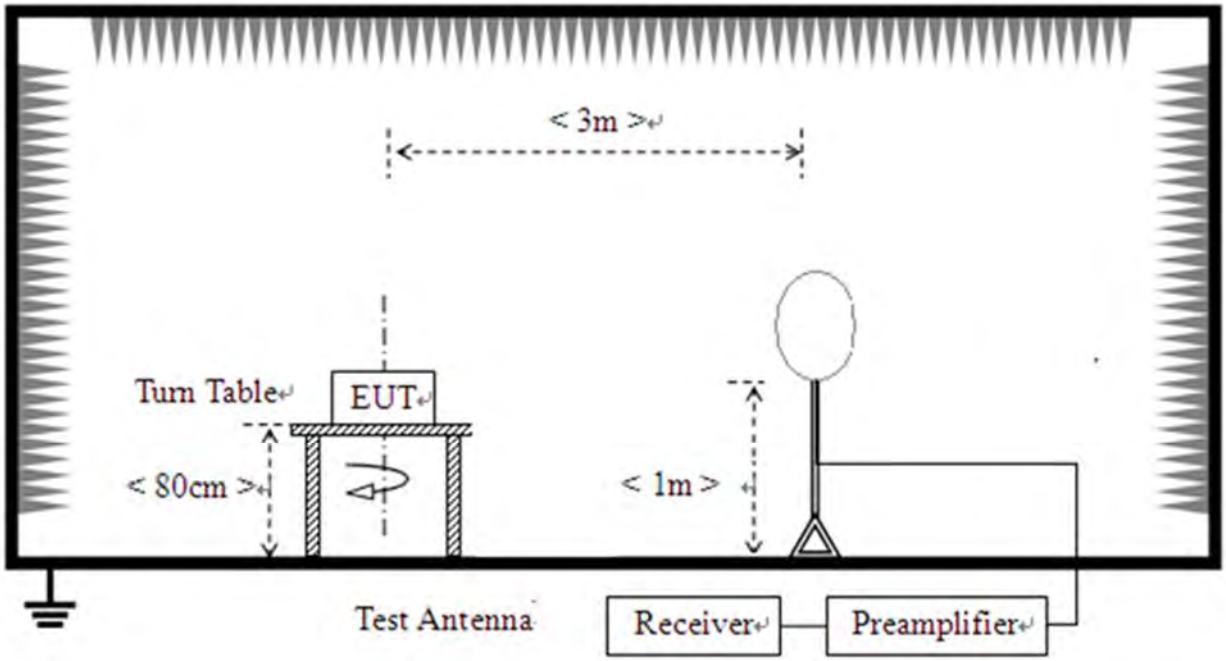


2.6.2.Conducted Emission Measurement

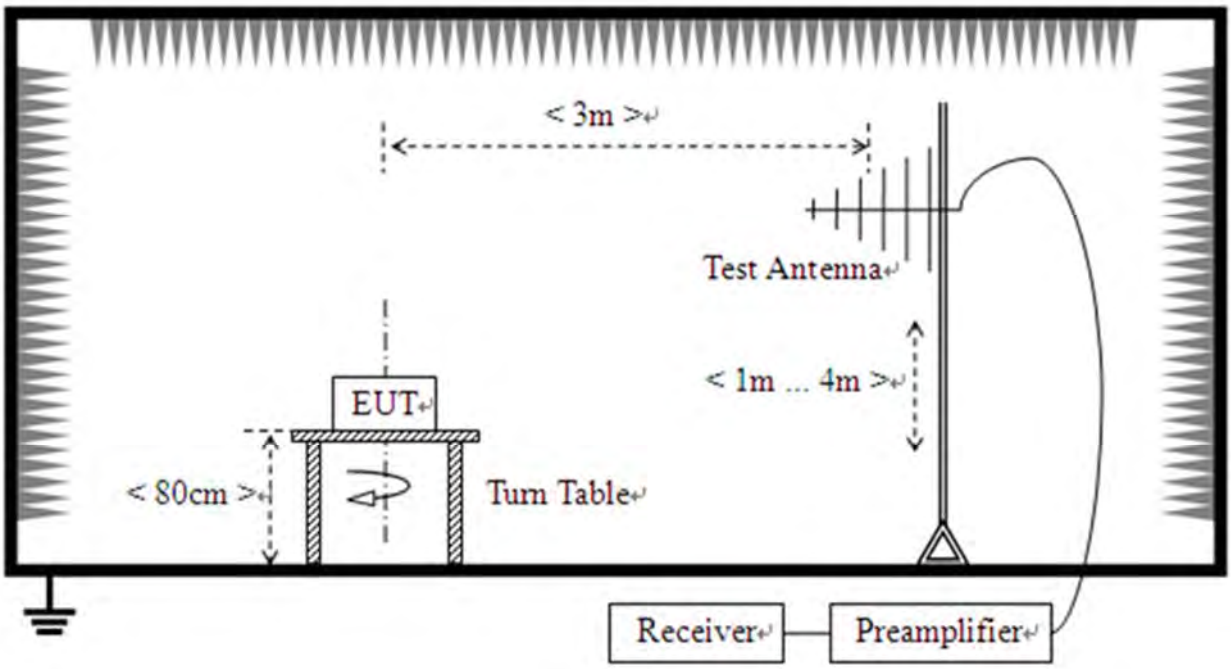


2.6.3.Radiation Measurement

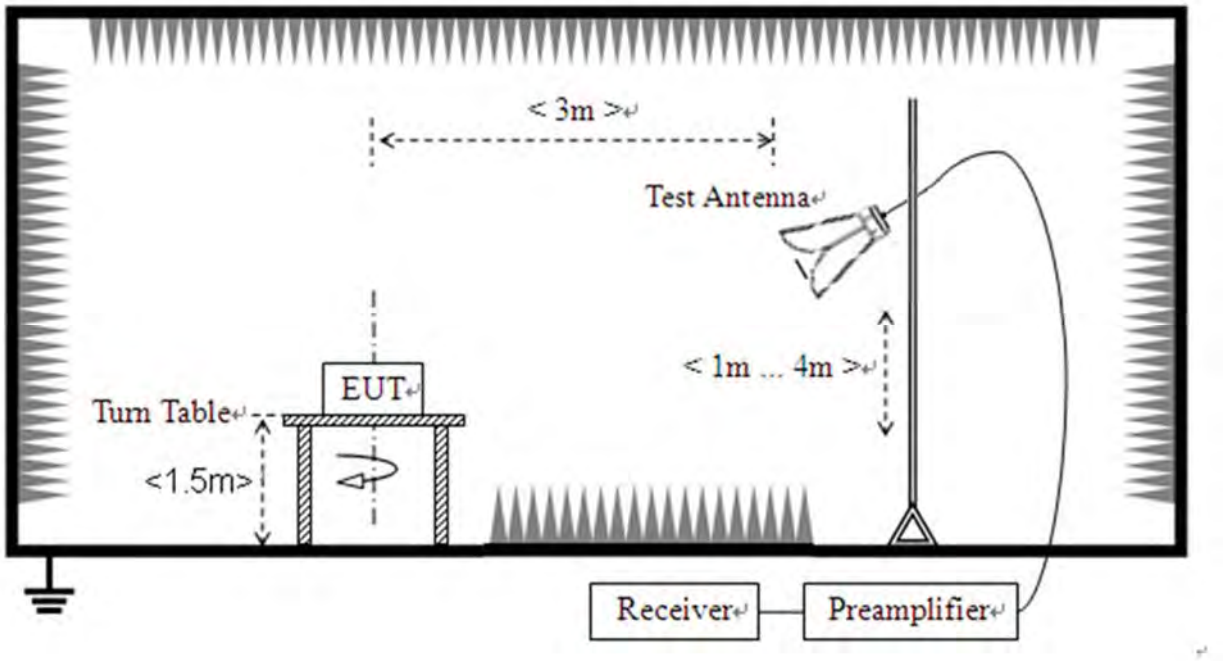
1) For radiated emissions from 9kHz to 30MHz



2) For radiated emissions from 30MHz to1GHz



3) For radiated emissions above 1GHz



3. Test Results

3.1. Antenna Requirement

3.1.1.Requirement

According to FCC 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

3.1.2.Test Result

Antenna location	Antenna Type	Coupling Method
☒Internal ☐External	☐FPC Antenna ☐Spring Antenna ☐Ceramic Antenna ☐Integrated Antenna ☐Dipole Antenna ☐PCB Antenna ☐PIFA Antenna ☒PCB Monopole Antenna	☒I-PEX Connector ☐SMA Connector ☐RP-SMA Connector ☐Metal Shrapnel ☐Layout

3.2. Duty Cycle of Test Signal

3.2.1.Requirement

Preferably, all measurements of maximum conducted (average) output power will be performed with the EUT transmitting continuously (i.e., with a duty cycle of greater than or equal to 98%).When continuous operation cannot be realized, then the use of sweep triggering/signal gating techniques can be used to ensure that measurements are made only during transmissions at the maximum power control level. Such sweep triggering/signal gating techniques will require knowledge of the minimum transmission duration(T) over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation. Sweep triggering/signal gating techniques can then be used if the measurement/sweep time of the analyzer can be set such that it does not exceed T at any time that data are being acquired (i.e.,no transmitter OFF-time is to be considered).
When continuous transmission cannot be achieved and sweep triggering/signal gating cannot be implemented, alternative procedures are provided that can be used to measure the average power; however, they will require an additional measurement of the transmitter duty cycle (D). Within this sub clause, the duty cycle refers to the fraction of time over which the transmitter is ON and is transmitting at its maximum power control level. The duty cycle is considered to be constant if variations are less than ±2%; otherwise, the duty cycle is considered to be non constant.

3.2.2.Test Result

Refer to Annex A.1 in this report.

3.3. Maximum Conducted Output Power

3.3.1.Requirement

(1) For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250mW provided the maximum antenna gain does not exceed 6dBi.
(2)For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250mW or 11dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz.
(3) For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.
If transmitting antennas of directional gain greater than 6dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.
(4) According to KDB662911D01Measure-and-sum technique, the conducted emission level (e.g., transmit power or power in specified bandwidth) is measured at each antenna port. The measured results at the various antenna ports are then summed mathematically to determine the total emission level from the device. Summing is performed in units that are directly proportional to power.

3.3.2.Test Procedures

The EUT (Equipment under the test) which is coupled to the USB Wideband Power Sensor; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading, all test result in USB Wideband Power Sensor.

For ac (VHT80) mode power
The EUT (Equipment under the test) is coupled to the Spectrum analyzer; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading, all test result in Spectrum analyzer.

3.3.3.Test Setup Layout

Refer to chapter 2.6.1 in this report.

3.3.4.Test Result

Refer to Annex A.2 in this report.

3.4. Emission Bandwidth

3.4.1.Requirement

For purposes of this subpart the emission bandwidth shall be determined by measuring the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, that are 26 dB down relative to the maximum level of the modulated carrier. Determination of the emissions bandwidth is based on the use of measurement instrumentation employing a peak detector function with an instrument resolution bandwidth approximately equal to 1.0 percent of the emission bandwidth of the device under measurement. Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

3.4.1.Test Procedures

1. KDB 789033 Section C) 1) Emission Bandwidth was used in order to prove compliance
a) Set RBW = approximately 1% of the emission bandwidth.
b) Set VBW > RBW.
c) Detector = Peak.
d) Trace mode = max hold.
e) Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
2. KDB 789033 Section C) 2) minimum emission bandwidth for the band 5.725-5.85GHz was used in order to prove compliance.
Section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500 KHz for theband5.715-5.85 GHz. The following procedure shall be used for measuring this bandwidth:
a) Set RBW = 100 kHz.
b) Set video bandwidth (VBW) ≥ 3 × RBW.
c) Detector = Peak.
d) Trace mode = max hold.
e) Sweep = auto couple.
f) Allow the trace to stabilize.
g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

3.4.2.Test Setup Layout

Refer to chapter 2.6.1 in this report.

3.4.3.Test Result

Refer to Annex A.3 in this report.

3.5. Peak Power Spectral Density

3.5.1.Requirement

(1) For client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11dBm in any 1 megahertz band.
(2) For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum power spectral density shall not exceed 11dBm in any 1 megahertz band.
(3) For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30dBm in any 500kHz band.
If transmitting antennas of directional gain greater than 6dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.
(4) According to KDB662911D01Measure-and-sum technique, the conducted emission level (e.g., transmit power or power in specified bandwidth) is measured at each antenna port. The measured results at the various antenna ports are then summed mathematically to determine the total emission level from the device. Summing is performed in units that are directly proportional to power.

3.5.2.Test Procedures

KDB 789033 Section F) Maximum Power Spectral Density (PSD) Method SA-3 was used in order to prove compliance

1) Set span to encompass the entire 26-dB emission bandwidth
2) Set RBW = 1MHz. Set VBW ≥ 3MHz
3) Number of points in sweep ≥ 2 Span / RBW. Sweep time = auto
4) Detector = Average
5) Trace mode=Max hold

Record the max value

3.5.3.Test Setup Layout

Refer to chapter 2.6.1 in this report.

3.5.4.Test Result

Refer to Annex A.4 in this report.

3.6. Frequency Stability

3.6.1.Requirement

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

3.6.2.Test Procedures

The EUT was placed inside of an environmental chamber as the temperature in the chamber was varied between 5°Cto 40°C. The temperature was incremented by 10º intervals and the unit was allowed to stabilize at each temperature before each measurement. The center frequency of the transmitting channel was evaluated at each temperature and the frequency deviation from the channel's center frequency was recorded. Data for the worst case channel is shown below.

3.6.3.Test Result

Refer to Annex A.5 in this report.

3.7. Conducted Emission

3.7.1.Requirement

According to FCC section 15.207, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the band 150kHz to 30MHz shall not exceed the limits in the following table, as measured using a 50μH/50Ω line impedance stabilization network (LISN).

Frequency Range (MHz)	Conducted Limit (dBμV)	
	Quai-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
5 - 30	60	50

Note:

(a) The lower limit shall apply at the band edges.

(b) The limit decreases linearly with the logarithm of the frequency in the range 0.15 - 0.50MHz.

3.7.2.Test Procedures

The Table-top EUT was placed upon a non-metallic table 0.8m above the horizontal metal reference ground plane. EUT was connected to LISN and LISN was connected to reference Ground Plane. EUT was 80cm from LISN. The set-up and test methods were according to ANSI C63.10: 2013.

3.7.3.Test Setup Layout

Refer to chapter 2.6.2 in this report.

3.7.4.Test Result

Refer to Annex A.6 in this report.

3.8. Restricted Frequency Bands

3.8.1.Requirement

The peak emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:
(1) For transmitters operating in the 5.15–5.25 GHz band: all emissions outside of the 5.15–5.35 GHz band shall not exceed an EIRP of -27dBm/MHz.
(2) For transmitters operating in the 5.25–5.35 GHz band: all emissions outside of the 5.15–5.35 GHz band shall not exceed an EIRP of -27dBm/MHz.
(3) For transmitters operating in the 5.47–5.725 GHz band: all emissions outside of the 5.47–5.725 GHz band shall not exceed an EIRP of -27dBm/MHz.
(4) For transmitters operating in the 5.725-5.85 GHz band:
(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
The following formula is used to convert the equipment isotropic radiated power(e.i.r.p.) to field strength (dBμV/m);

$$E = 1000000 \times \sqrt{30P} / 3 \ \mu V/m$$

where P is the EIRP in Watts

Therefore: -27 dBm/MHz = 68.23 dBuV/m

Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209. According to FCC section 15.209 (a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

For Above 1000MHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit.
In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), also should comply with the radiated emission limits specified in Section 15.209(a)(above table).

3.8.2.Test Procedures

The EUT is located in a 3m Semi-Anechoic Chamber; the antenna factors, cable loss and so on of the site as factors are calculated to correct the reading.
KDB 789033 Section H) 3)5)6(d)) was used in order to prove compliance
For the Test Antenna:
Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground to determine the maximum value of the field strength.

3.8.3.Test Setup Layout

Refer to chapter 2.6.3 in this report.

3.8.4.Test Result

Refer to Annex A.7 in this report.

3.9. Radiated Emission

3.9.1.Requirement

The peak emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:
(1) For transmitters operating in the 5.15–5.25 GHz band: all emissions outside of the 5.15–5.35 GHz band shall not exceed an EIRP of -27dBm/MHz.
(2) For transmitters operating in the 5.25–5.35 GHz band: all emissions outside of the 5.15–5.35 GHz band shall not exceed an EIRP of -27dBm/MHz.
(3) For transmitters operating in the 5.47–5.725 GHz band: all emissions outside of the 5.47–5.725 GHz band shall not exceed an EIRP of -27dBm/MHz.
(4) For transmitters operating in the 5.725-5.85 GHz band: All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.
The following formula is used to convert the equipment isotropic radiated power(e.i.r.p.) to field strength (dBμV/m);

$$E = 1000000 \times \sqrt{30P} / 3 \ \mu V/m$$

where P is the EIRP in Watts

Therefore: -27 dBm/MHz = 68.23 dBuV/m

Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209. According to FCC section 15.209 (a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

For Above 1000MHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit.
In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), also should comply with the radiated emission limits specified in Section 15.209(a)(above table).

3.9.2.Test Procedures

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz.The antenna to EUT distance is 3meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 30MHz, the emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9kHz-90 kHz, 110kHz-490 kHz. Radiated emission limits in these two bands are based on measurements employing an average detector.

For measurements below 1GHz the resolution bandwidth is set to 100kHz for peak detection measurements or 120kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For measurements above 1GHz the resolution bandwidth is set to 1MHz, the video band width is set to 3MHz for peak measurements and as applicable for average measurements.

The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions. For measurements above 1 GHz, keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response.

3.9.3.Test Setup Layout

Refer to chapter 2.6.3 in this report.

3.9.4.Test Result

Refer to Annex A.8 in this report.

Annex A Test Data and Result

A.1. Duty Cycle of Test Signal

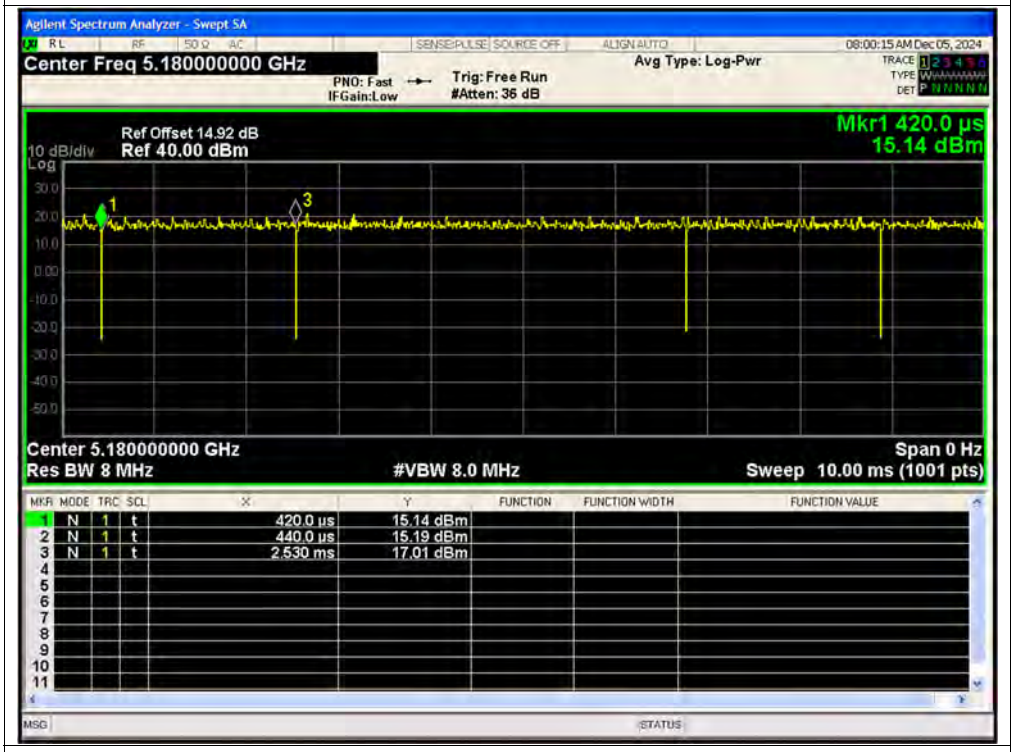
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a SISO	5180	Ant1	99.05	0.04	0.48
NVNT	a SISO	5220	Ant1	99.05	0.04	0.48
NVNT	a SISO	5240	Ant1	99.05	0.04	0.48
NVNT	a SISO	5745	Ant1	99.05	0.04	0.48
NVNT	a SISO	5785	Ant1	99.05	0.04	0.48
NVNT	a SISO	5825	Ant1	99.05	0.04	0.48
NVNT	a SISO	5180	Ant2	99.05	0.04	0.48
NVNT	a SISO	5220	Ant2	99.05	0.04	0.48
NVNT	a SISO	5240	Ant2	99.53	0.02	0.24
NVNT	a SISO	5745	Ant2	99.05	0.04	0.48
NVNT	a SISO	5785	Ant2	99.53	0.02	0.24
NVNT	a SISO	5825	Ant2	99.05	0.04	0.48
NVNT	n20 SISO	5180	Ant1	99.63	0.02	0.18
NVNT	n20 SISO	5220	Ant1	99.63	0.02	0.18
NVNT	n20 SISO	5240	Ant1	99.9	0	0
NVNT	n20 SISO	5745	Ant1	99.63	0.02	0.18
NVNT	n20 SISO	5785	Ant1	99.63	0.02	0.18
NVNT	n20 SISO	5825	Ant1	99.9	0	0
NVNT	n20 SISO	5180	Ant2	99.9	0	0
NVNT	n20 SISO	5220	Ant2	99.63	0.02	0.18
NVNT	n20 SISO	5240	Ant2	99.63	0.02	0.18
NVNT	n20 SISO	5745	Ant2	99.63	0.02	0.18
NVNT	n20 SISO	5785	Ant2	99.9	0	0
NVNT	n20 SISO	5825	Ant2	99.9	0	0
NVNT	n20 MIMO	5180	Sum	99.9	0	0
NVNT	n20 MIMO	5220	Sum	99.9	0	0
NVNT	n20 MIMO	5240	Sum	99.63	0.02	0.18
NVNT	n20 MIMO	5745	Sum	99.63	0.02	0.18
NVNT	n20 MIMO	5785	Sum	99.9	0	0
NVNT	n20 MIMO	5825	Sum	99.9	0	0
NVNT	n40 SISO	5190	Ant1	99.9	0	0
NVNT	n40 SISO	5230	Ant1	99.9	0	0

NVNT	n40 SISO	5755	Ant1	99.63	0.02	0.18
NVNT	n40 SISO	5795	Ant1	99.63	0.02	0.18
NVNT	n40 SISO	5190	Ant2	99.9	0	0
NVNT	n40 SISO	5230	Ant2	99.9	0	0
NVNT	n40 SISO	5755	Ant2	99.63	0.02	0.18
NVNT	n40 SISO	5795	Ant2	99.63	0.02	0.18
NVNT	n40 MIMO	5190	Sum	99.9	0	0
NVNT	n40 MIMO	5230	Sum	99.9	0	0
NVNT	n40 MIMO	5755	Sum	99.9	0	0
NVNT	n40 MIMO	5795	Sum	99.9	0	0
NVNT	ac20 SISO	5180	Ant1	100	0	0
NVNT	ac20 SISO	5220	Ant1	99.9	0	0
NVNT	ac20 SISO	5240	Ant1	99.63	0.02	0.18
NVNT	ac20 SISO	5745	Ant1	99.9	0	0
NVNT	ac20 SISO	5785	Ant1	99.9	0	0
NVNT	ac20 SISO	5825	Ant1	99.9	0	0
NVNT	ac20 SISO	5180	Ant2	99.9	0	0
NVNT	ac20 SISO	5220	Ant2	99.63	0.02	0.18
NVNT	ac20 SISO	5240	Ant2	99.63	0.02	0.18
NVNT	ac20 SISO	5745	Ant2	99.63	0.02	0.18
NVNT	ac20 SISO	5785	Ant2	99.9	0	0
NVNT	ac20 SISO	5825	Ant2	99.63	0.02	0.18
NVNT	ac20 MIMO	5180	Sum	99.9	0	0
NVNT	ac20 MIMO	5220	Sum	99.9	0	0
NVNT	ac20 MIMO	5240	Sum	100	0	0
NVNT	ac20 MIMO	5745	Sum	99.9	0	0
NVNT	ac20 MIMO	5785	Sum	99.9	0	0
NVNT	ac20 MIMO	5825	Sum	99.63	0.02	0.18
NVNT	ac40 SISO	5190	Ant1	99.9	0	0
NVNT	ac40 SISO	5230	Ant1	99.9	0	0
NVNT	ac40 SISO	5755	Ant1	99.9	0	0
NVNT	ac40 SISO	5795	Ant1	99.63	0.02	0.18
NVNT	ac40 SISO	5190	Ant2	99.9	0	0
NVNT	ac40 SISO	5230	Ant2	99.9	0	0
NVNT	ac40 SISO	5755	Ant2	99.63	0.02	0.18
NVNT	ac40 SISO	5795	Ant2	99.9	0	0
NVNT	ac40 MIMO	5190	Sum	99.63	0.02	0.18
NVNT	ac40 MIMO	5230	Sum	99.9	0	0

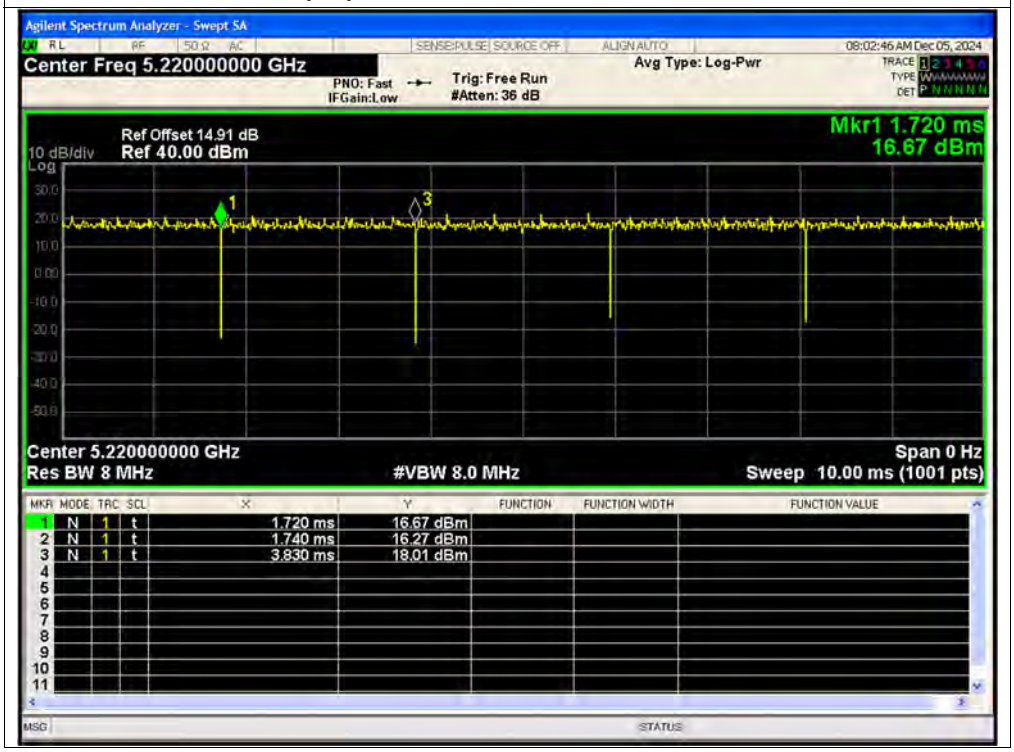
NVNT	ac40 MIMO	5755	Sum	99.9	0	0
NVNT	ac40 MIMO	5795	Sum	99.9	0	0
NVNT	ac80 SISO	5210	Ant1	99.9	0	0
NVNT	ac80 SISO	5775	Ant1	99.9	0	0
NVNT	ac80 SISO	5210	Ant2	99.9	0	0
NVNT	ac80 SISO	5775	Ant2	99.9	0	0
NVNT	ac80 MIMO	5210	Sum	100	0	0
NVNT	ac80 MIMO	5775	Sum	99.9	0	0
NVNT	ax20 SISO	5180	Ant1	99.9	0	0
NVNT	ax20 SISO	5220	Ant1	99.9	0	0
NVNT	ax20 SISO	5240	Ant1	99.63	0.02	0.18
NVNT	ax20 SISO	5745	Ant1	100	0	0
NVNT	ax20 SISO	5785	Ant1	99.9	0	0
NVNT	ax20 SISO	5825	Ant1	99.63	0.02	0.18
NVNT	ax20 SISO	5180	Ant2	99.63	0.02	0.18
NVNT	ax20 SISO	5220	Ant2	99.63	0.02	0.18
NVNT	ax20 SISO	5240	Ant2	99.63	0.02	0.18
NVNT	ax20 SISO	5745	Ant2	99.63	0.02	0.18
NVNT	ax20 SISO	5785	Ant2	99.63	0.02	0.18
NVNT	ax20 SISO	5825	Ant2	100	0	0
NVNT	ax20 MIMO	5180	Sum	99.9	0	0
NVNT	ax20 MIMO	5220	Sum	99.9	0	0
NVNT	ax20 MIMO	5240	Sum	99.63	0.02	0.18
NVNT	ax20 MIMO	5745	Sum	99.63	0.02	0.18
NVNT	ax20 MIMO	5785	Sum	99.63	0.02	0.18
NVNT	ax20 MIMO	5825	Sum	99.9	0	0
NVNT	ax40 SISO	5190	Ant1	99.9	0	0
NVNT	ax40 SISO	5230	Ant1	100	0	0
NVNT	ax40 SISO	5755	Ant1	99.9	0	0
NVNT	ax40 SISO	5795	Ant1	99.9	0	0
NVNT	ax40 SISO	5190	Ant2	99.63	0.02	0.18
NVNT	ax40 SISO	5230	Ant2	99.9	0	0
NVNT	ax40 SISO	5755	Ant2	99.9	0	0
NVNT	ax40 SISO	5795	Ant2	99.9	0	0
NVNT	ax40 MIMO	5190	Sum	99.9	0	0
NVNT	ax40 MIMO	5230	Sum	100	0	0
NVNT	ax40 MIMO	5755	Sum	99.63	0.02	0.18
NVNT	ax40 MIMO	5795	Sum	100	0	0

NVNT	ax80 SISO	5210	Ant1	99.63	0.02	0.18
NVNT	ax80 SISO	5775	Ant1	99.63	0.02	0.18
NVNT	ax80 SISO	5210	Ant2	99.63	0.02	0.18
NVNT	ax80 SISO	5775	Ant2	100	0	0
NVNT	ax80 MIMO	5210	Sum	99.63	0.02	0.18
NVNT	ax80 MIMO	5775	Sum	99.63	0.02	0.18

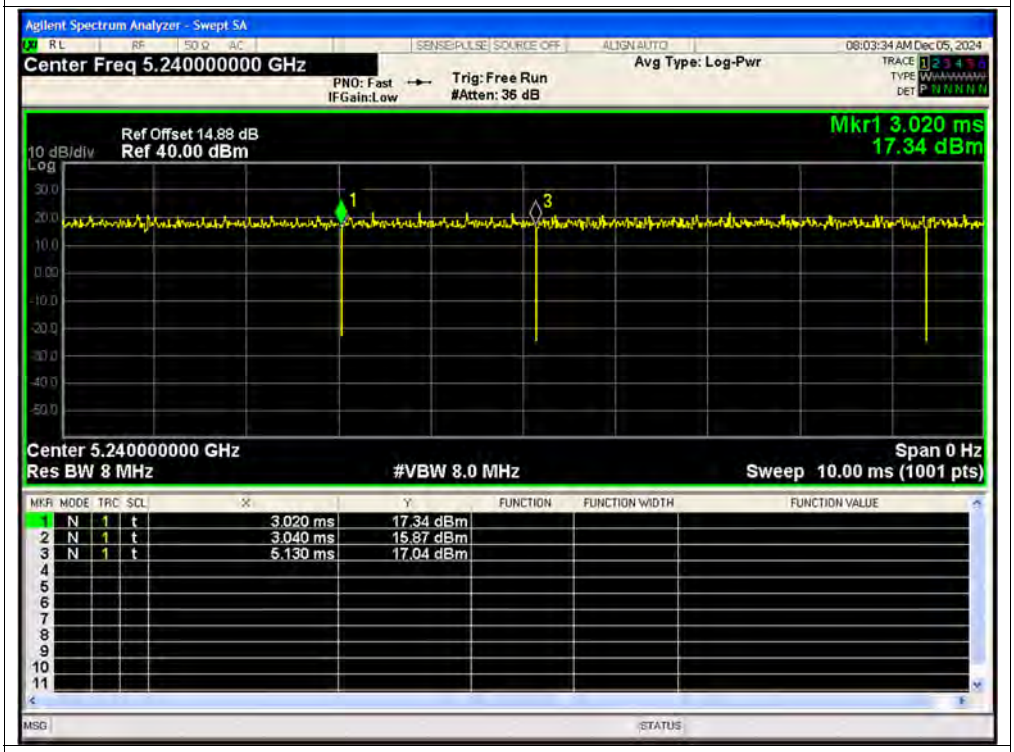
Test Graphs
Duty Cycle NVNT a 5180MHz Ant1 SISO



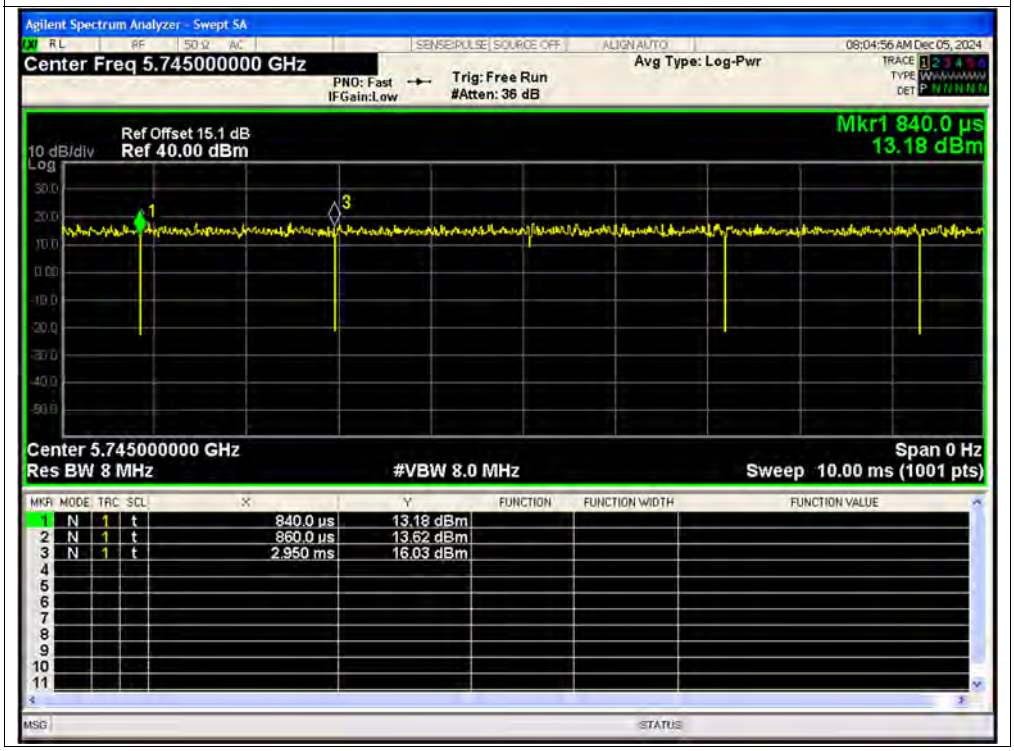
Duty Cycle NVNT a 5220MHz Ant1 SISO



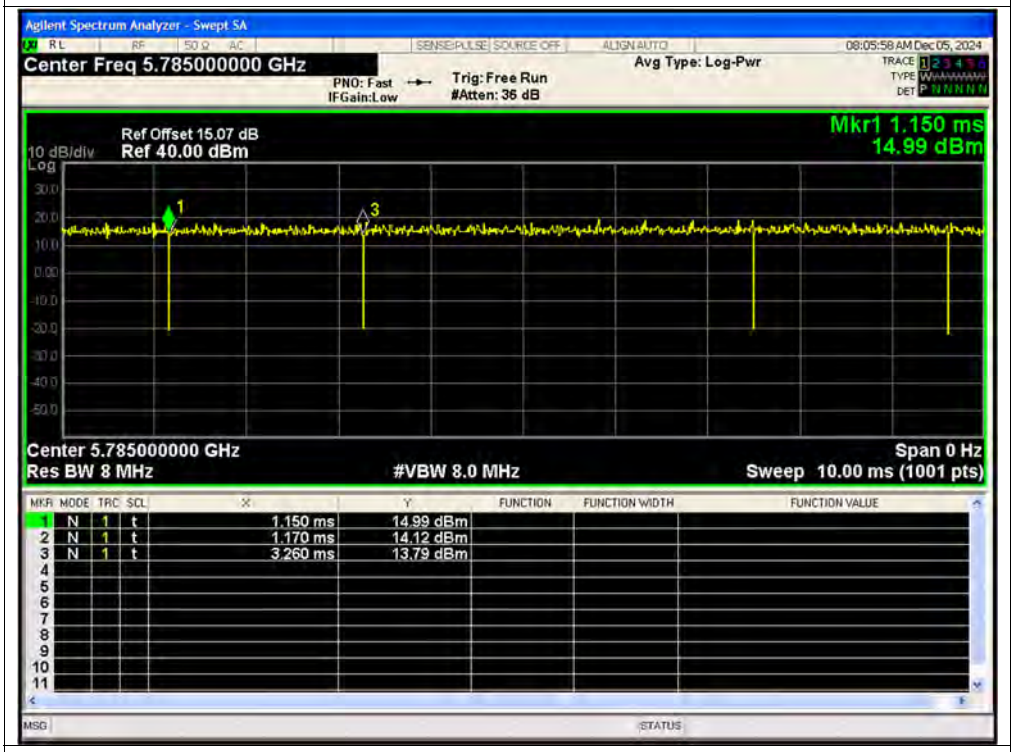
Duty Cycle NVNT a 5240MHz Ant1 SISO



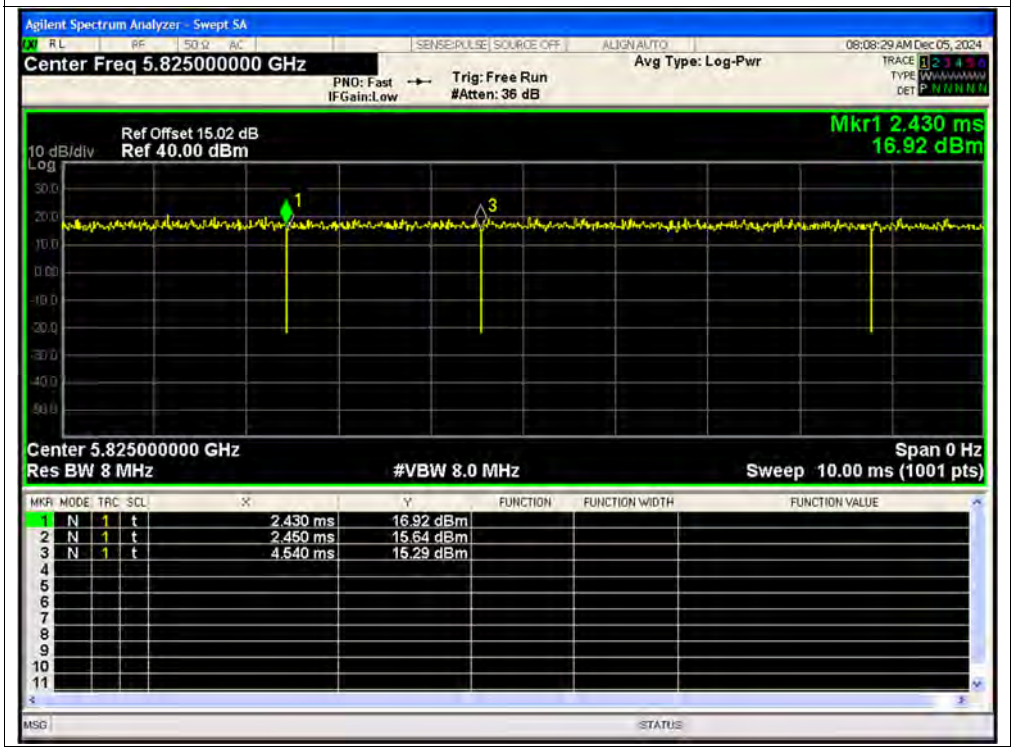
Duty Cycle NVNT a 5745MHz Ant1 SISO



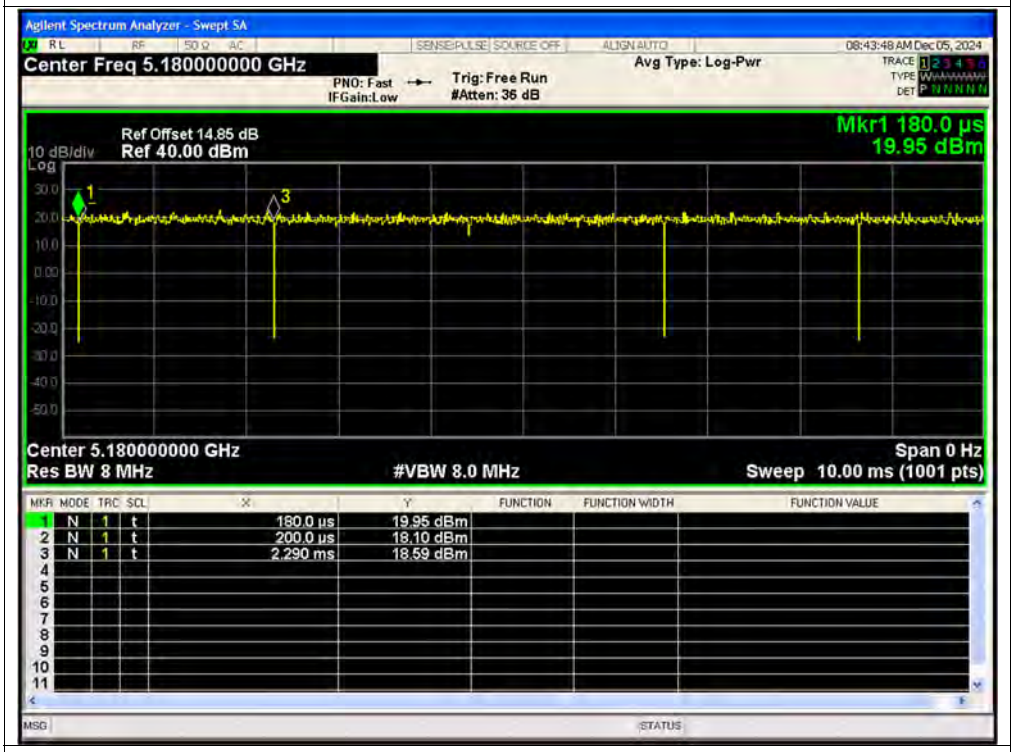
Duty Cycle NVNT a 5785MHz Ant1 SISO



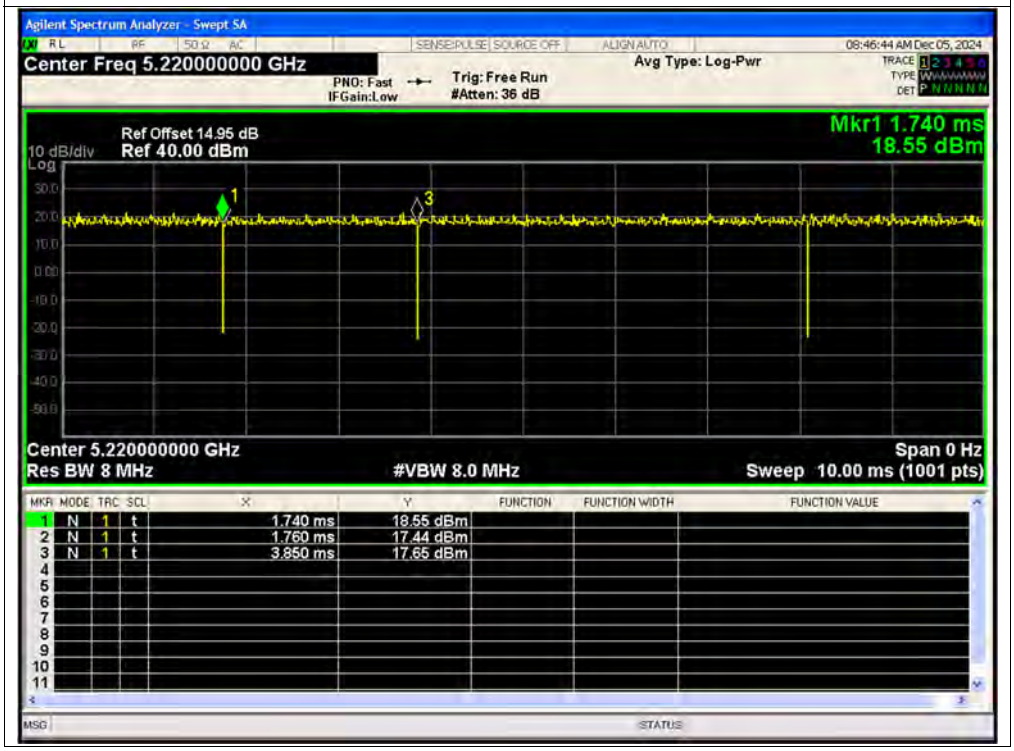
Duty Cycle NVNT a 5825MHz Ant1 SISO



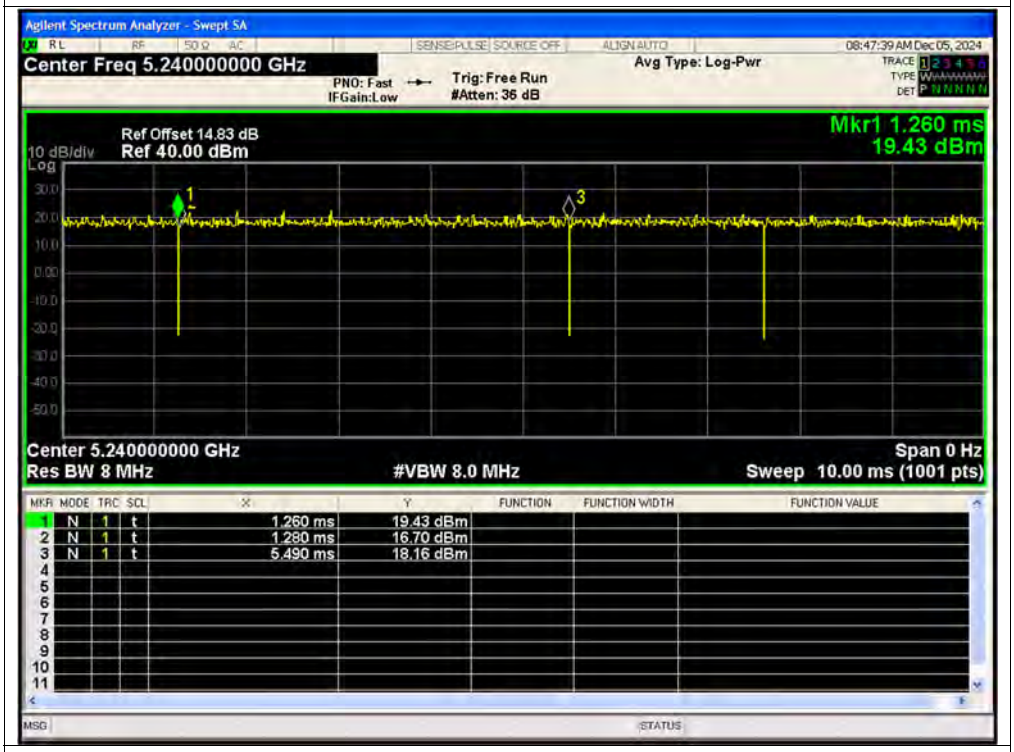
Duty Cycle NVNT a 5180MHz Ant2 SISO



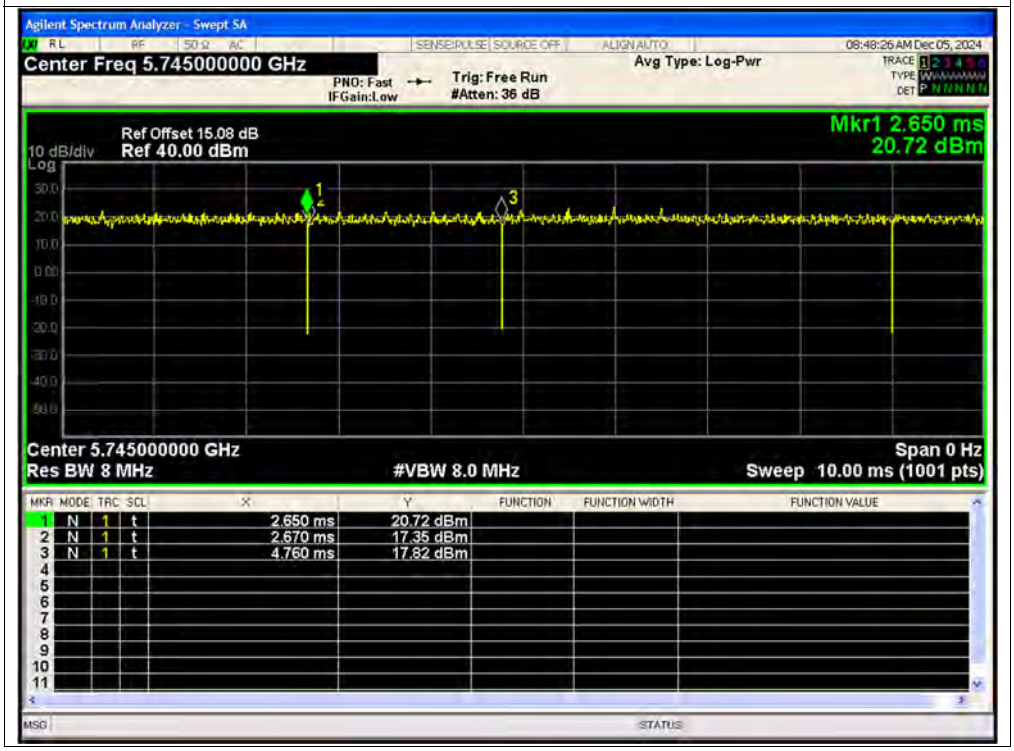
Duty Cycle NVNT a 5220MHz Ant2 SISO



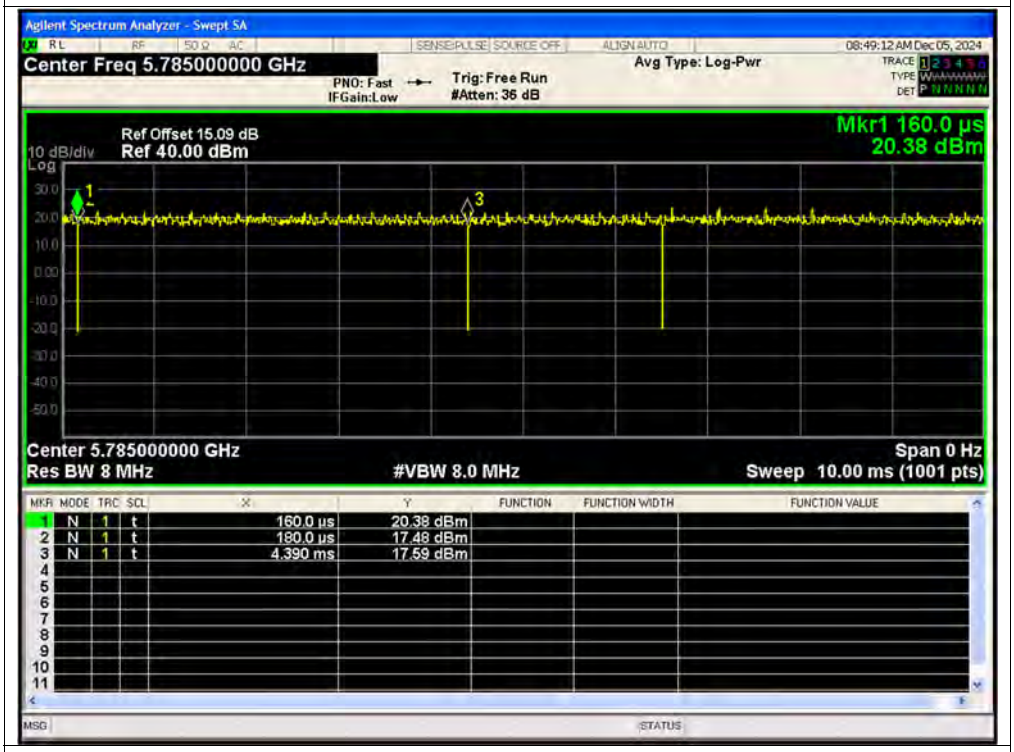
Duty Cycle NVNT a 5240MHz Ant2 SISO



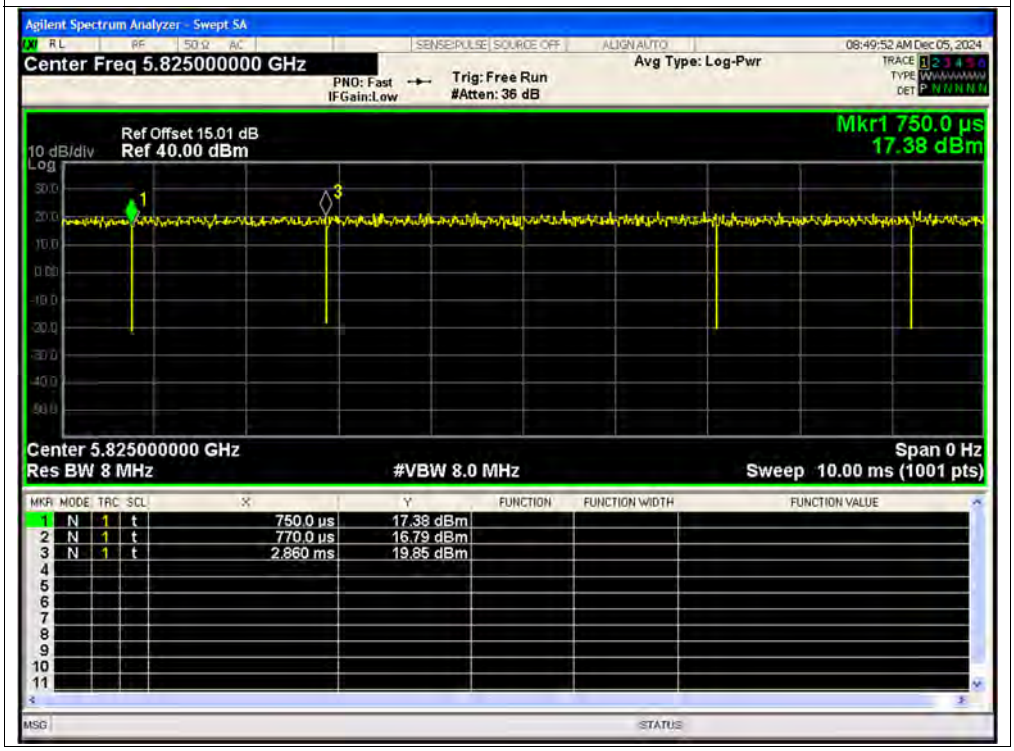
Duty Cycle NVNT a 5745MHz Ant2 SISO



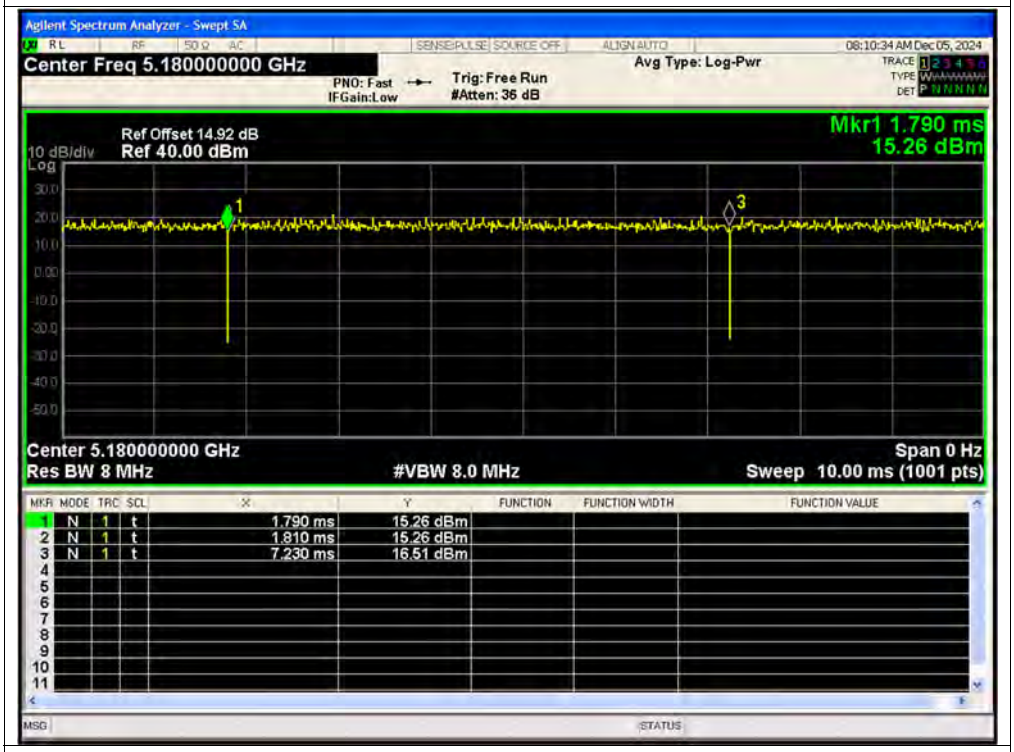
Duty Cycle NVNT a 5785MHz Ant2 SISO



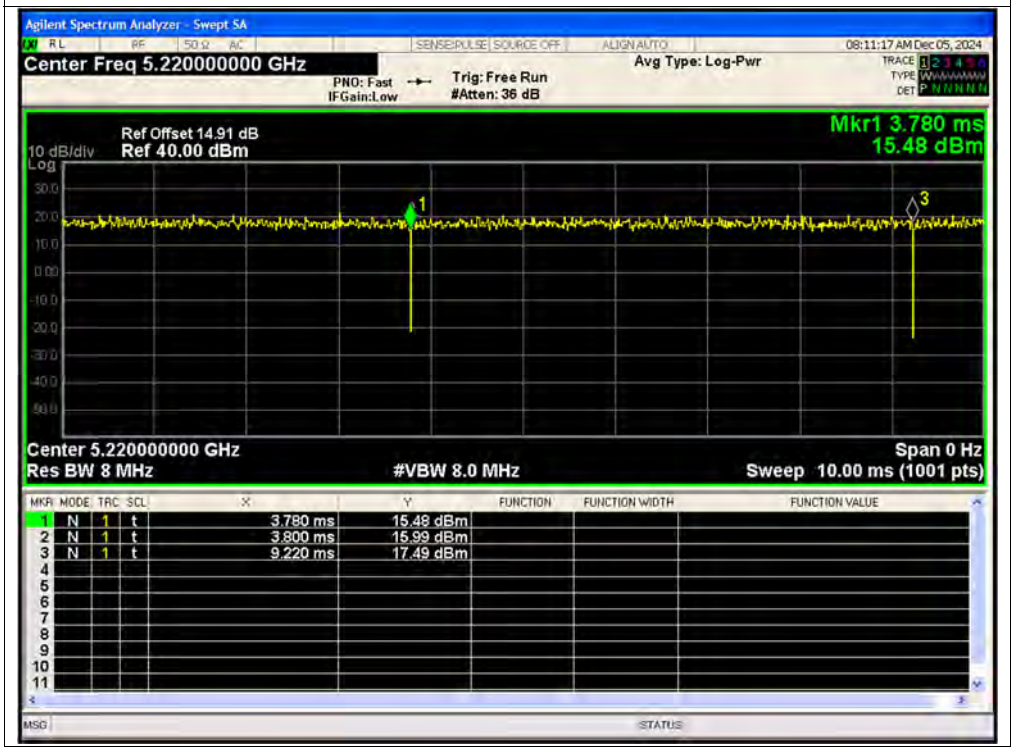
Duty Cycle NVNT a 5825MHz Ant2 SISO



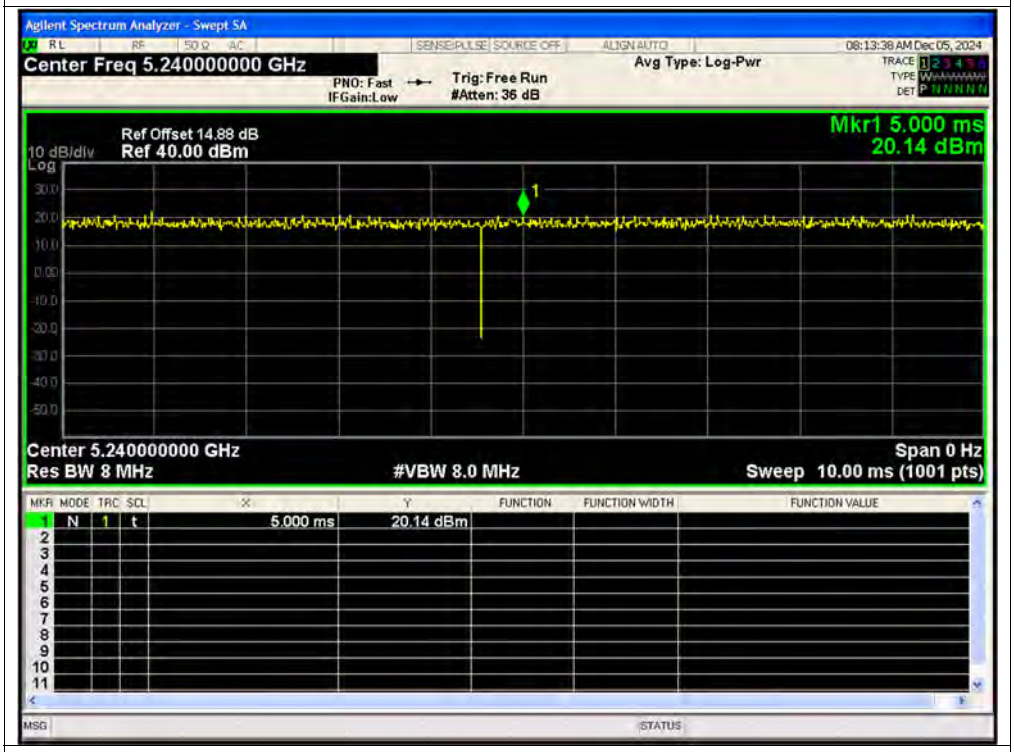
Duty Cycle NVNT n20 5180MHz Ant1 SISO



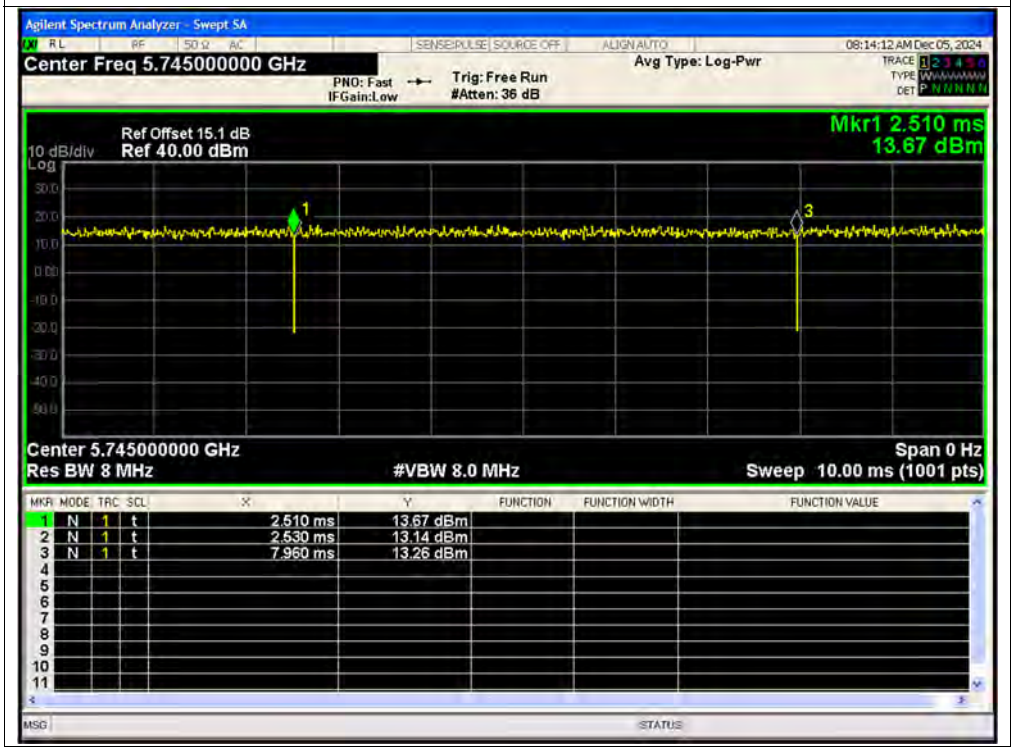
Duty Cycle NVNT n20 5220MHz Ant1 SISO



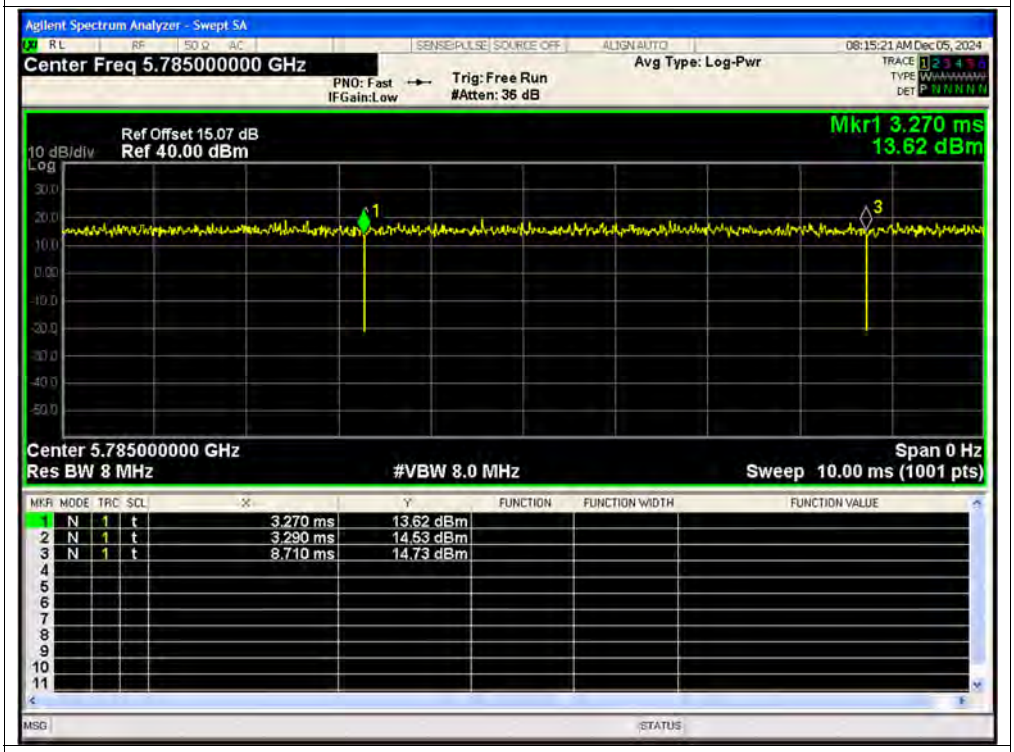
Duty Cycle NVNT n20 5240MHz Ant1 SISO



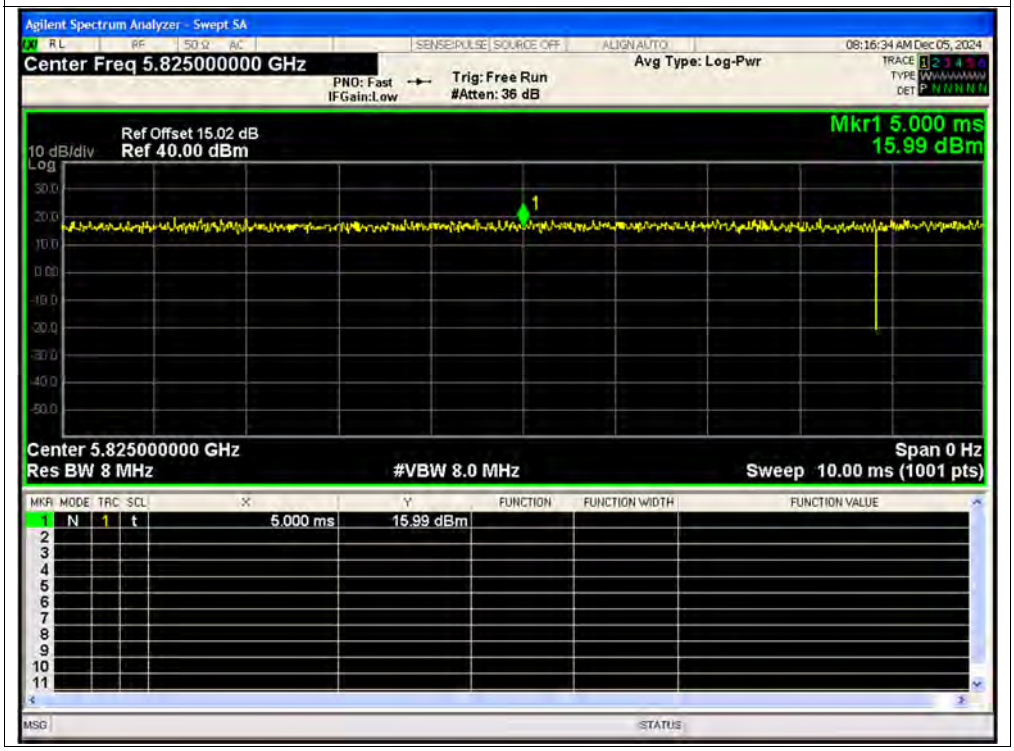
Duty Cycle NVNT n20 5745MHz Ant1 SISO



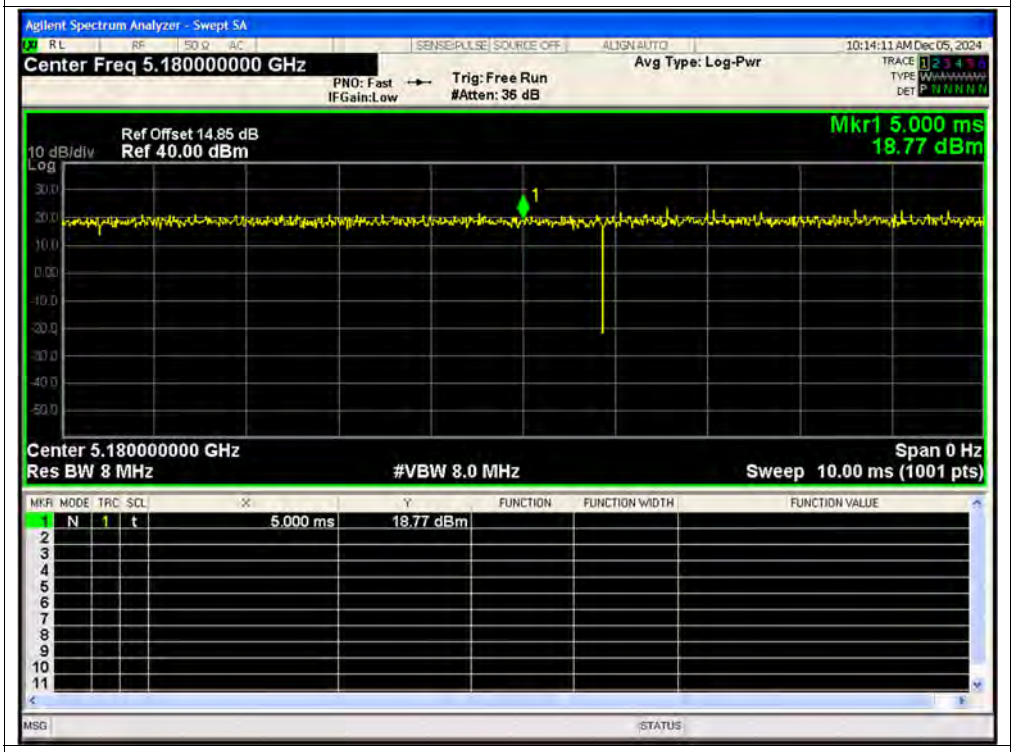
Duty Cycle NVNT n20 5785MHz Ant1 SISO



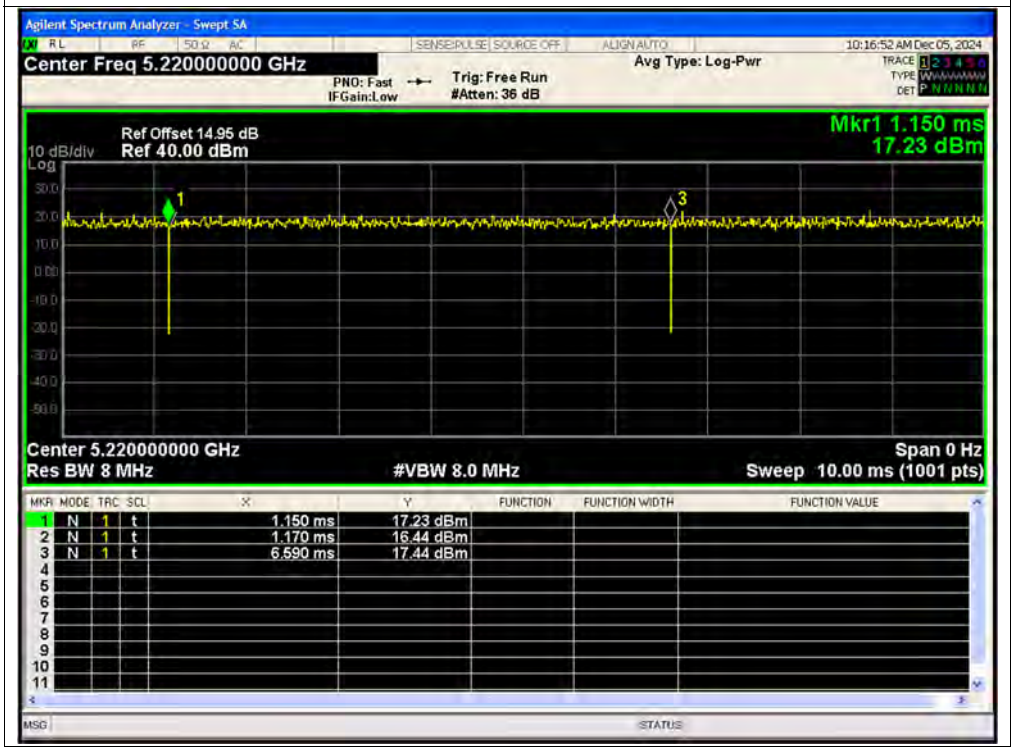
Duty Cycle NVNT n20 5825MHz Ant1 SISO



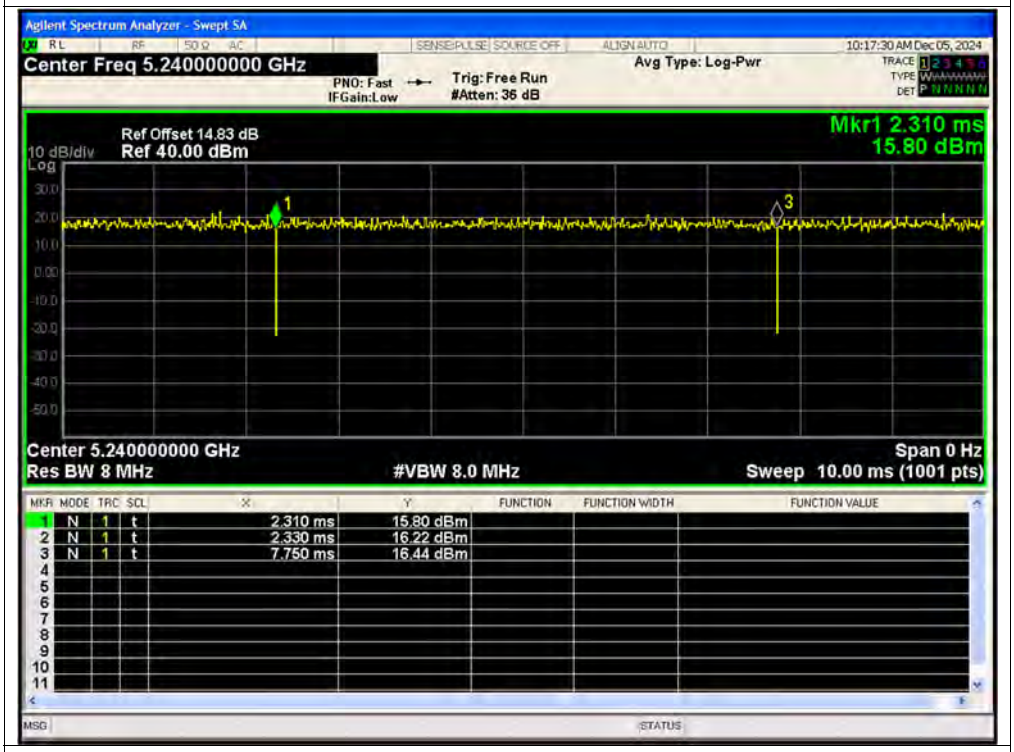
Duty Cycle NVNT n20 5180MHz Ant2 SISO



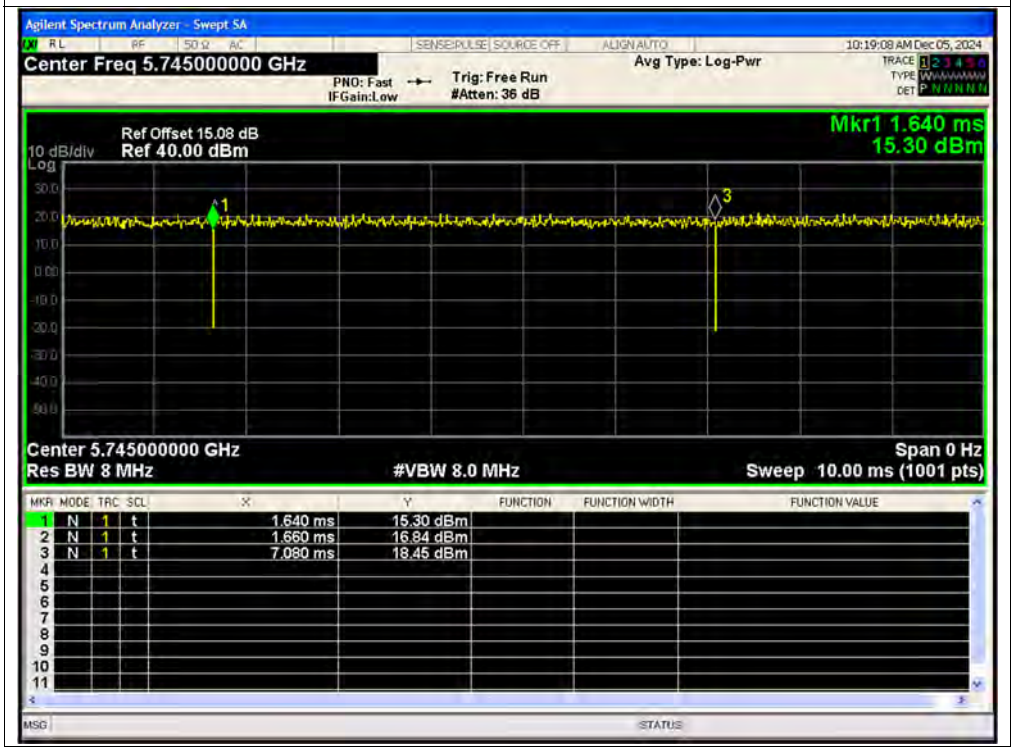
Duty Cycle NVNT n20 5220MHz Ant2 SISO



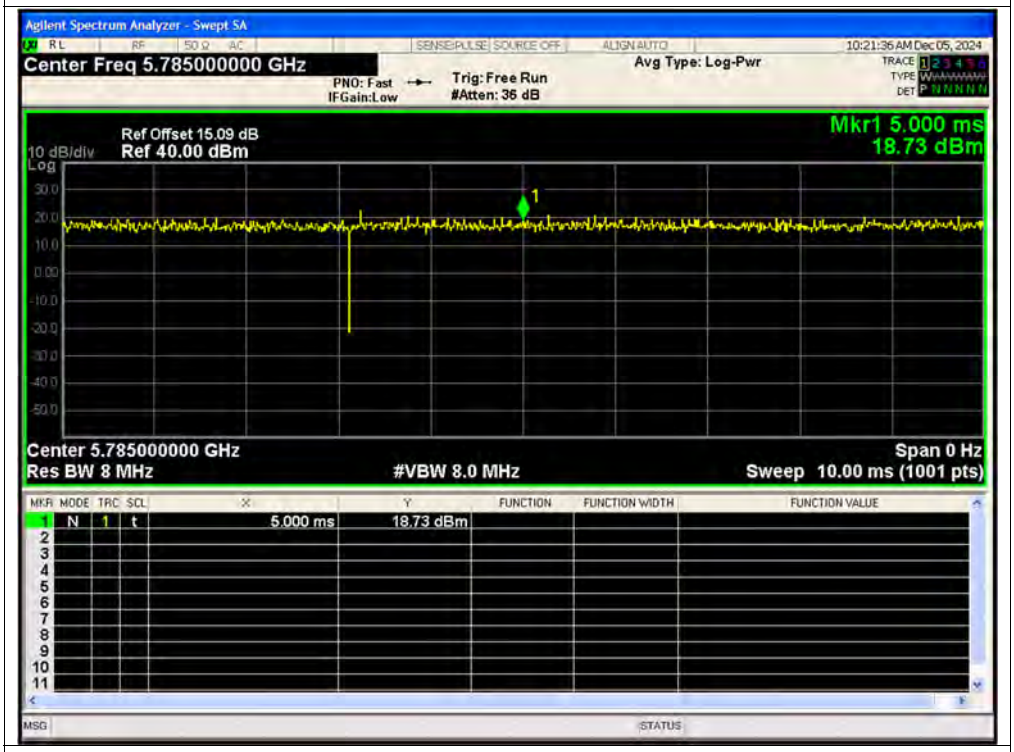
Duty Cycle NVNT n20 5240MHz Ant2 SISO



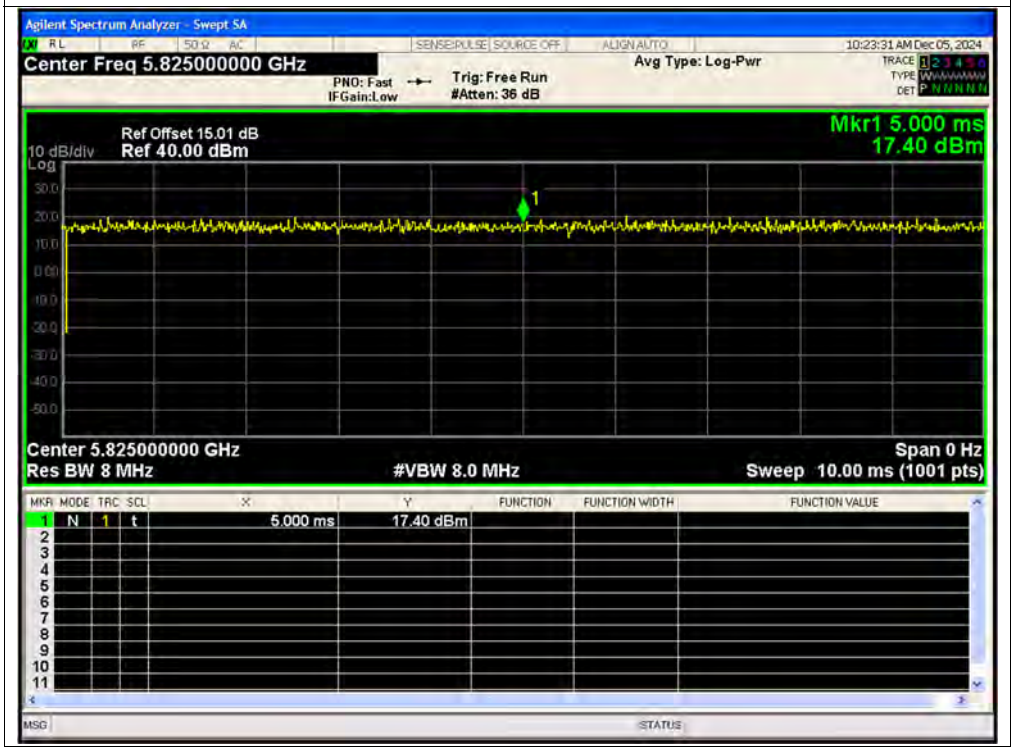
Duty Cycle NVNT n20 5745MHz Ant2 SISO



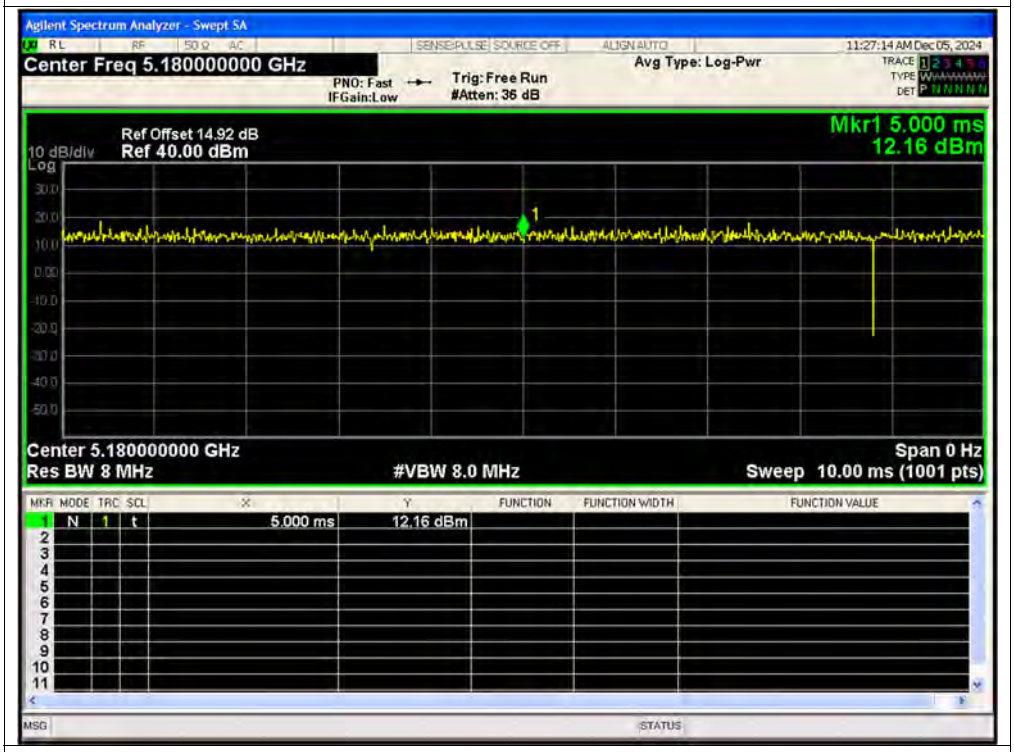
Duty Cycle NVNT n20 5785MHz Ant2 SISO



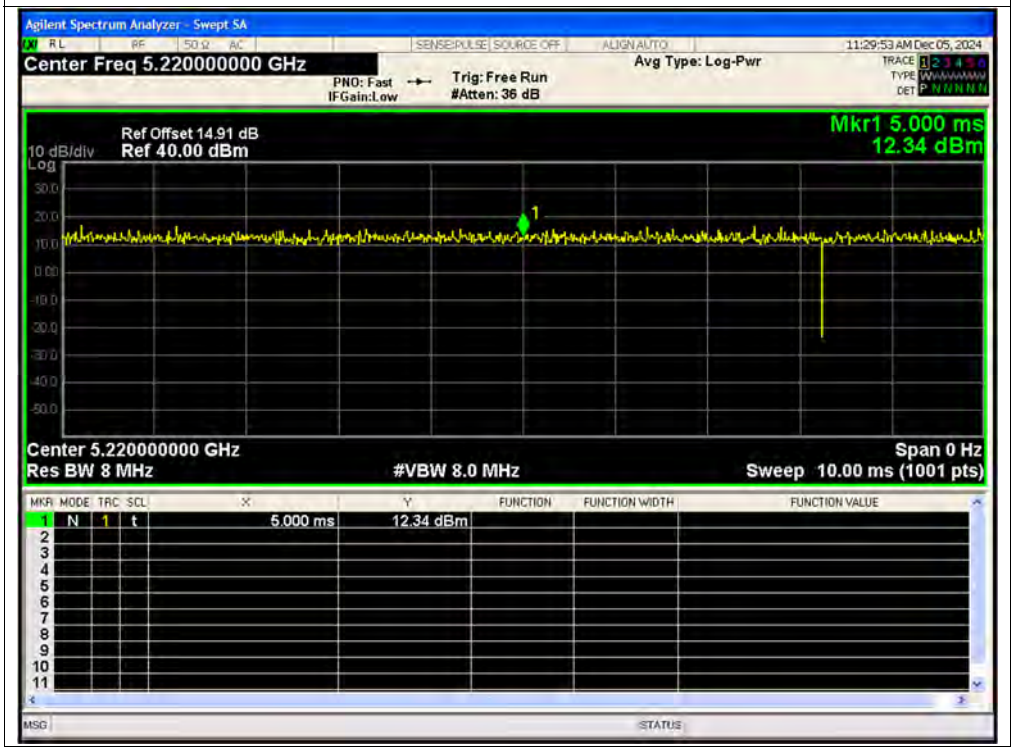
Duty Cycle NVNT n20 5825MHz Ant2 SISO



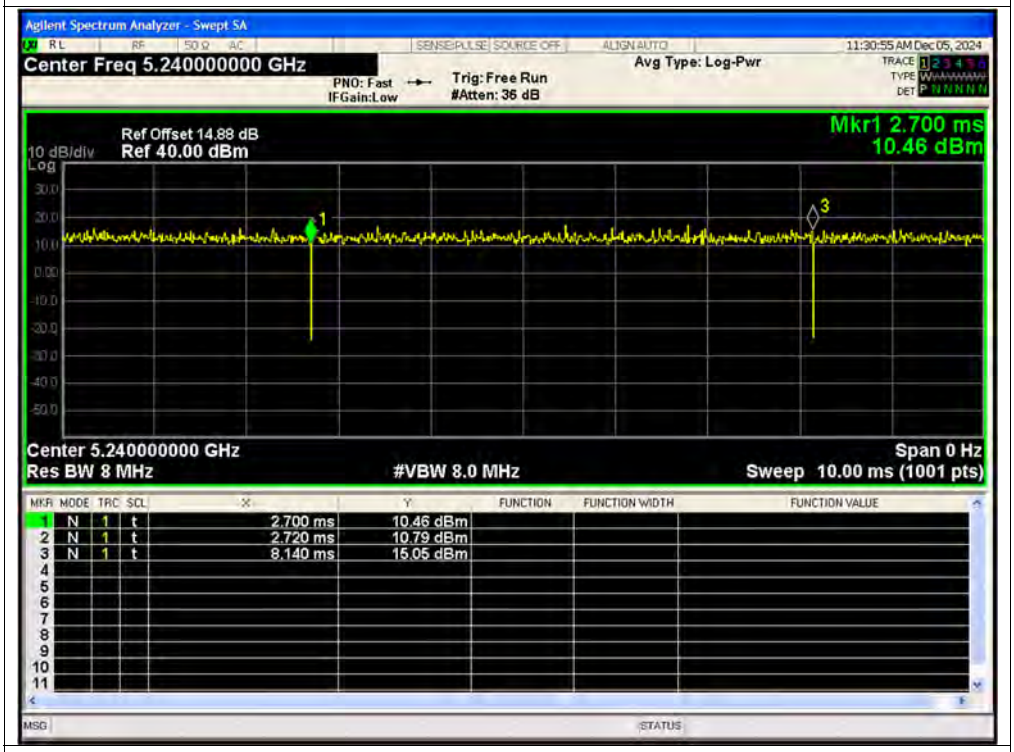
Duty Cycle NVNT n20 5180MHz Sum MIMO



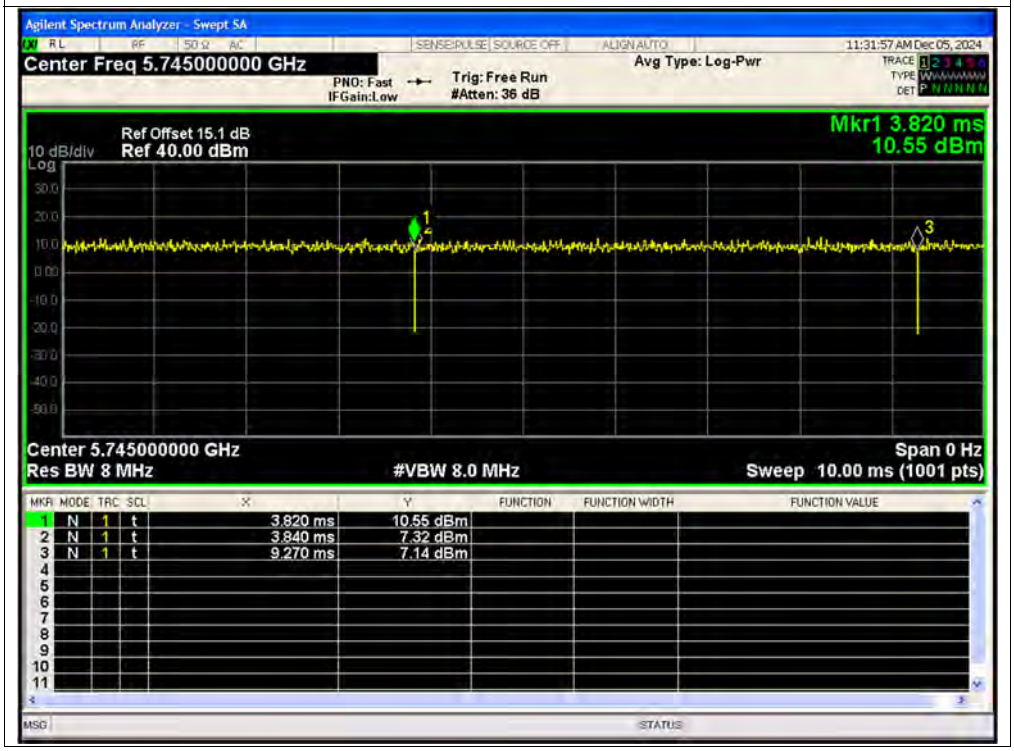
Duty Cycle NVNT n20 5220MHz Sum MIMO



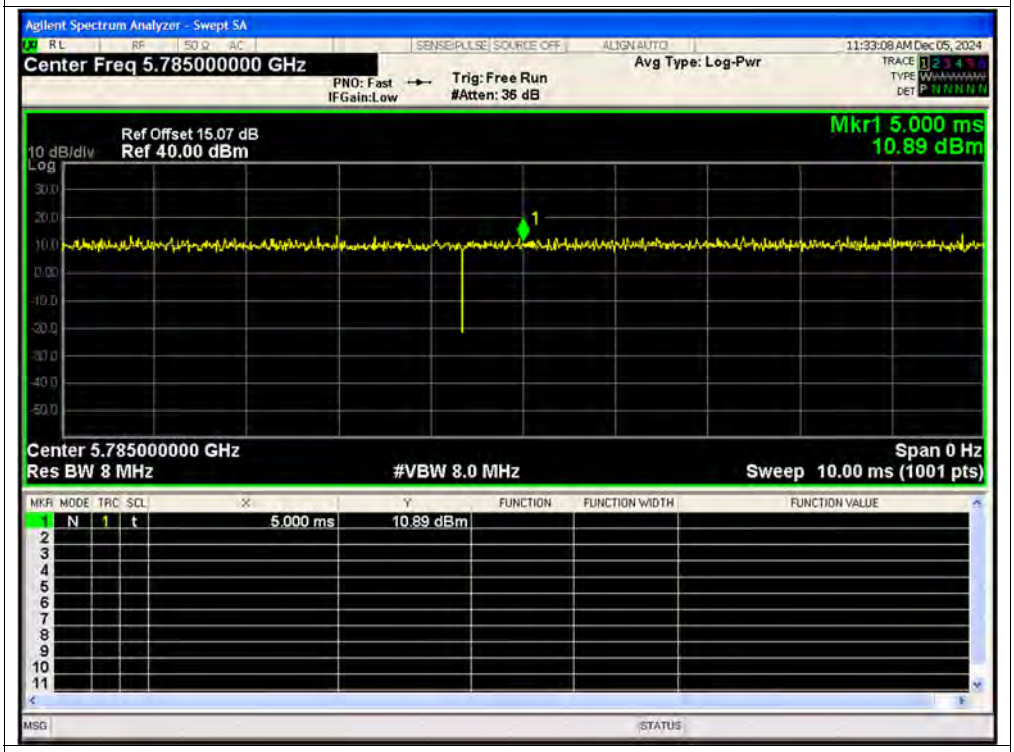
Duty Cycle NVNT n20 5240MHz Sum MIMO



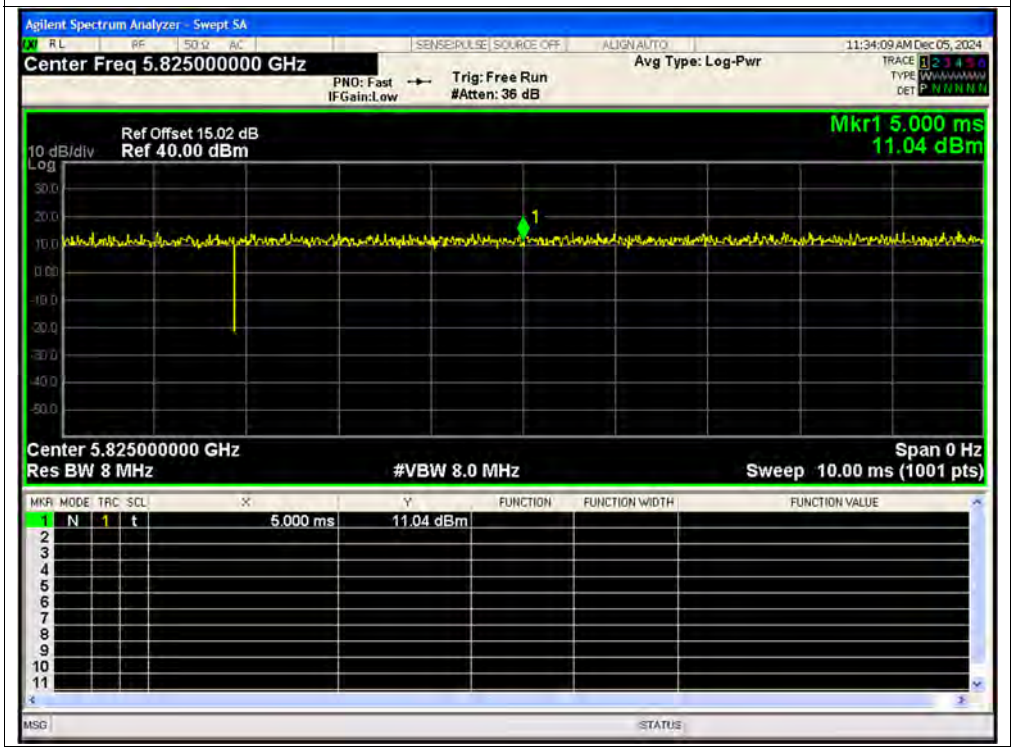
Duty Cycle NVNT n20 5745MHz Sum MIMO



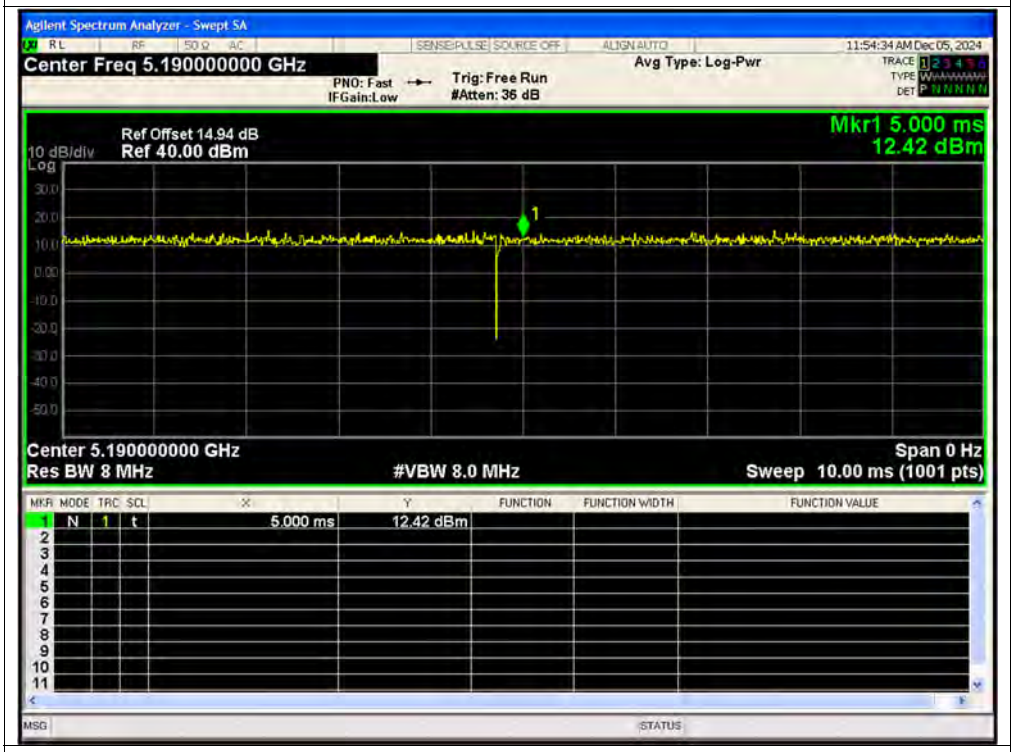
Duty Cycle NVNT n20 5785MHz Sum MIMO



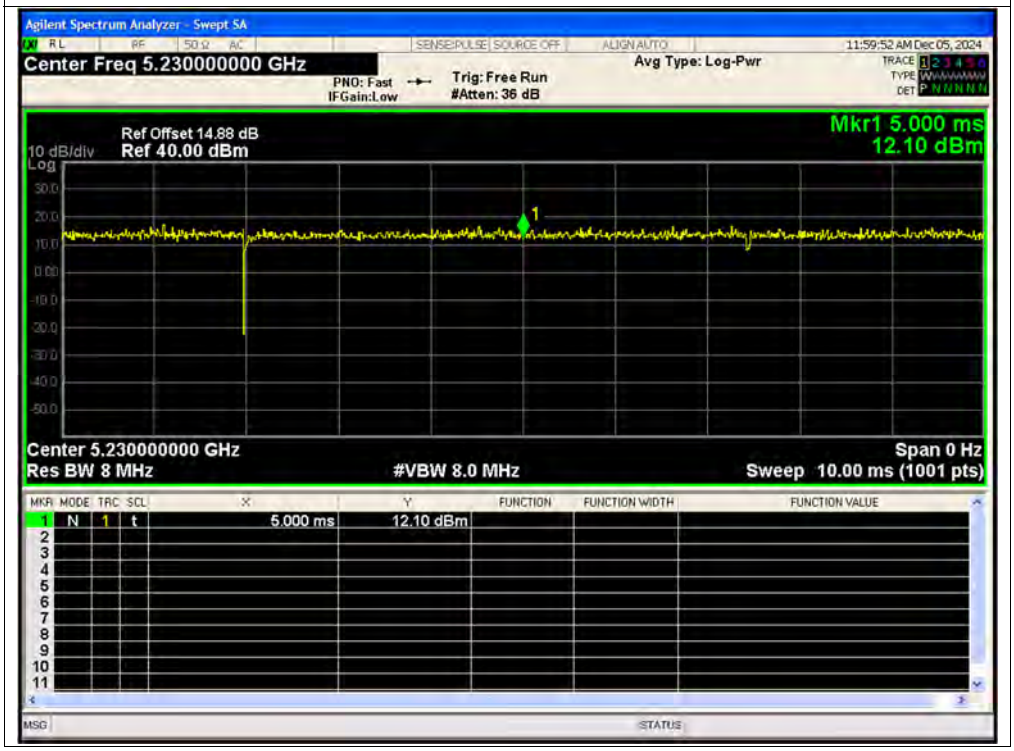
Duty Cycle NVNT n20 5825MHz Sum MIMO



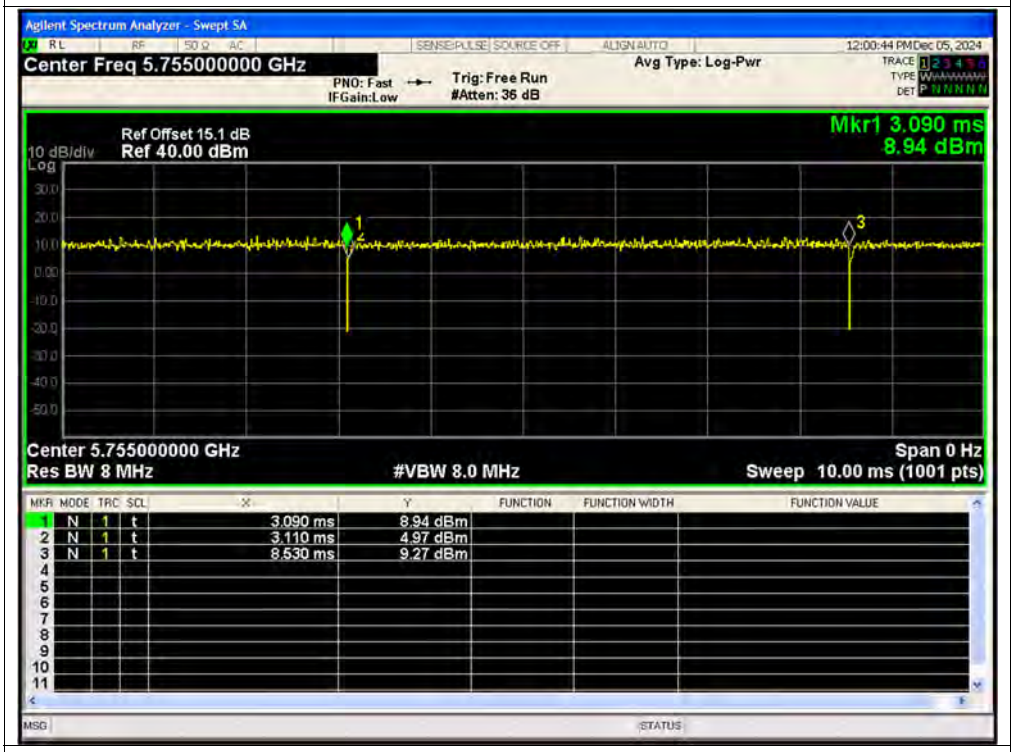
Duty Cycle NVNT n40 5190MHz Ant1 SISO



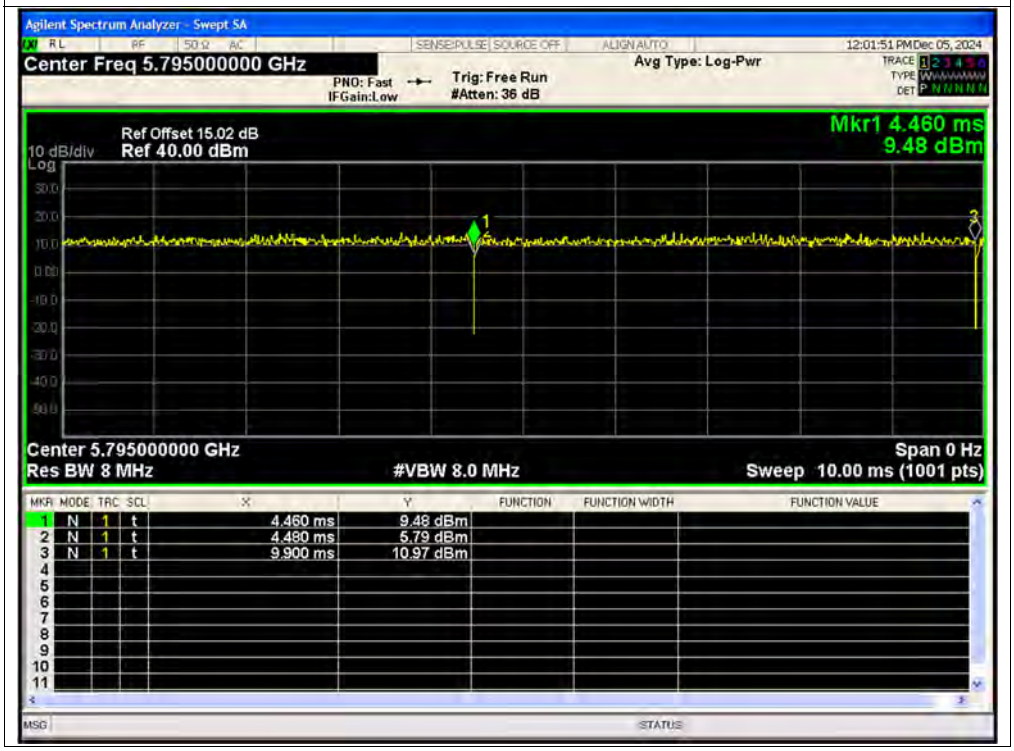
Duty Cycle NVNT n40 5230MHz Ant1 SISO



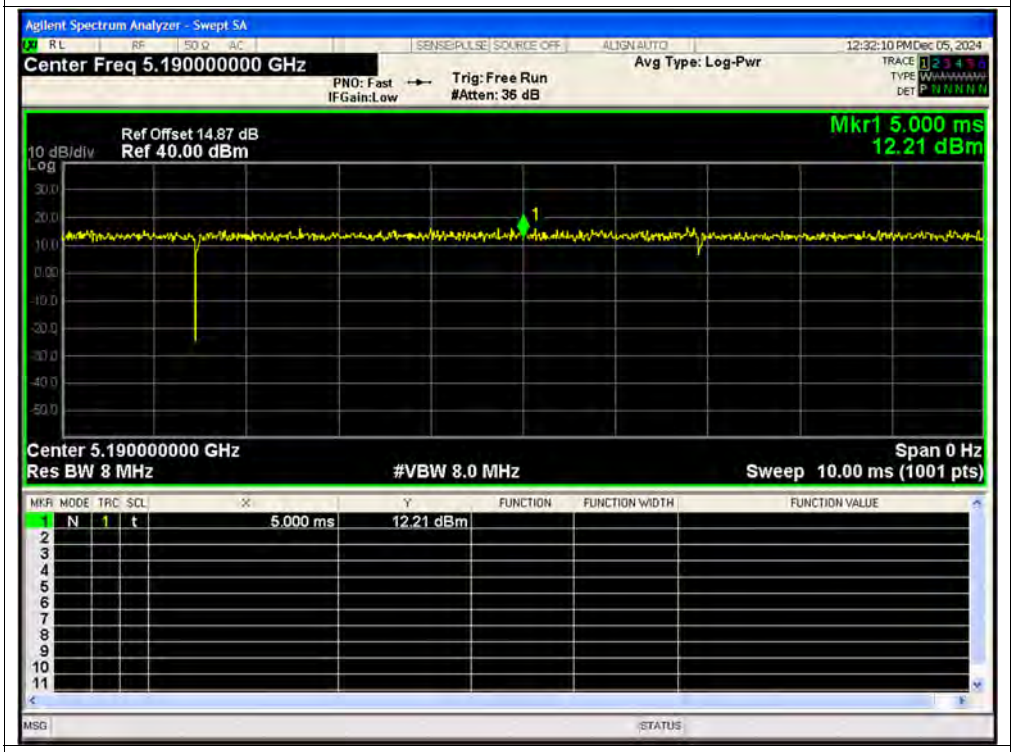
Duty Cycle NVNT n40 5755MHz Ant1 SISO



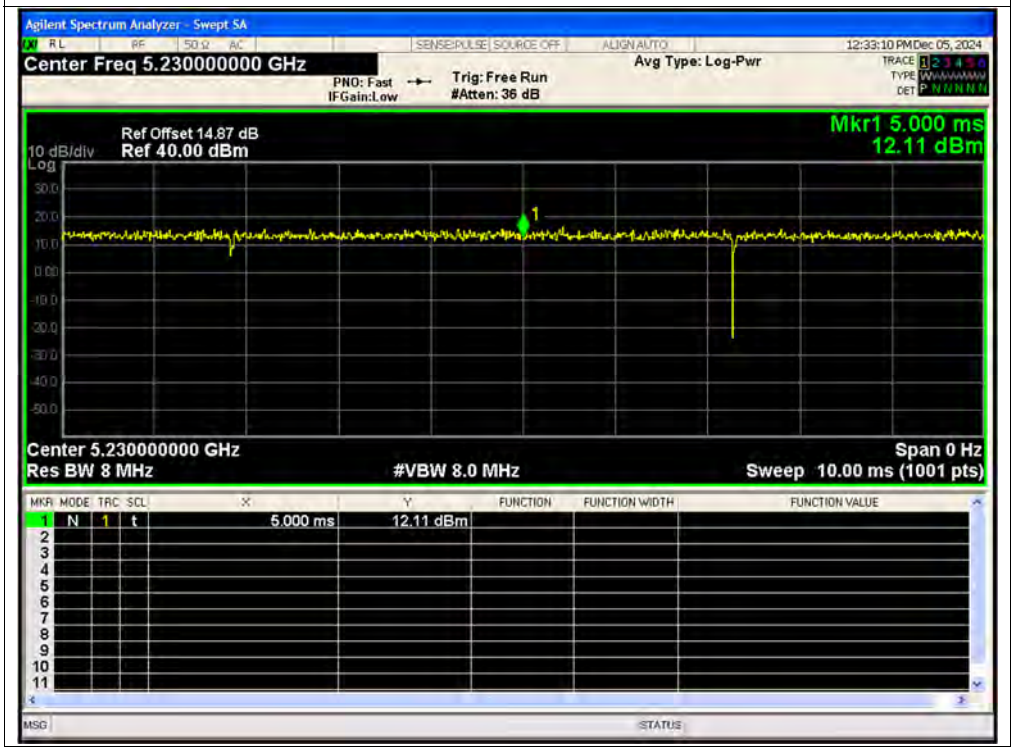
Duty Cycle NVNT n40 5795MHz Ant1 SISO



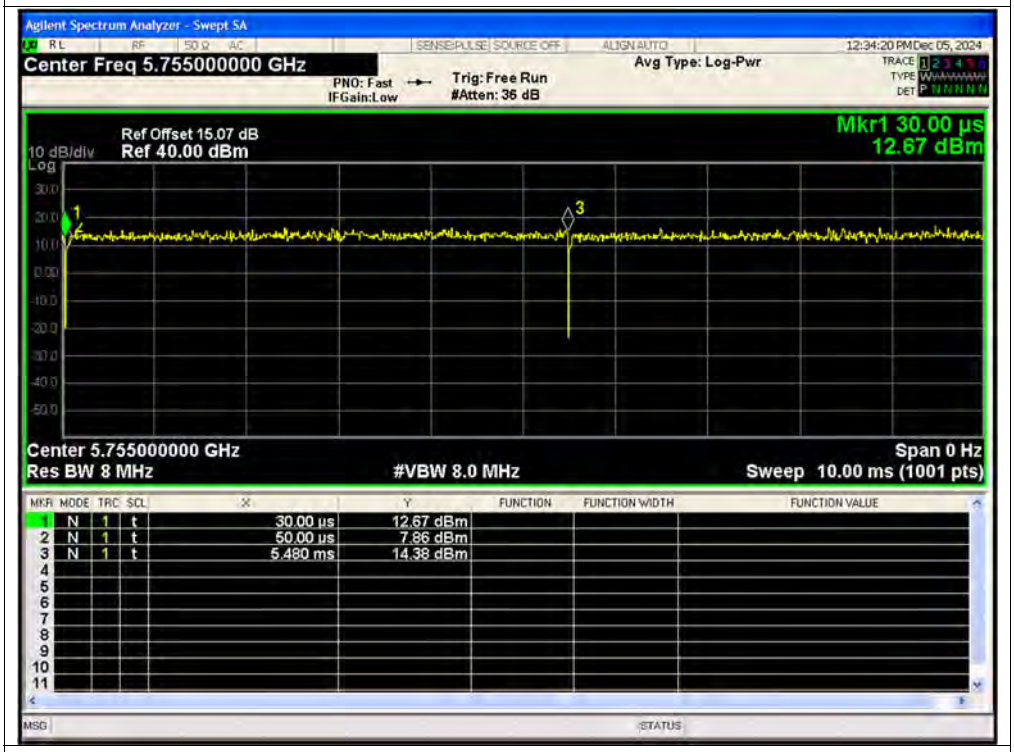
Duty Cycle NVNT n40 5190MHz Ant2 SISO



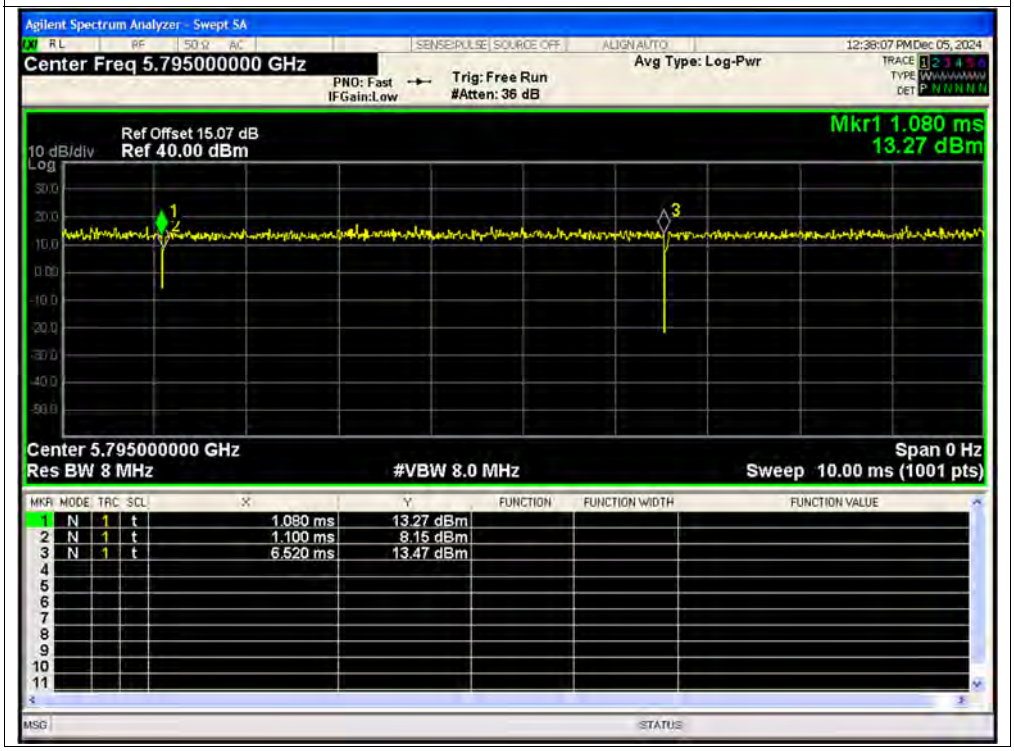
Duty Cycle NVNT n40 5230MHz Ant2 SISO



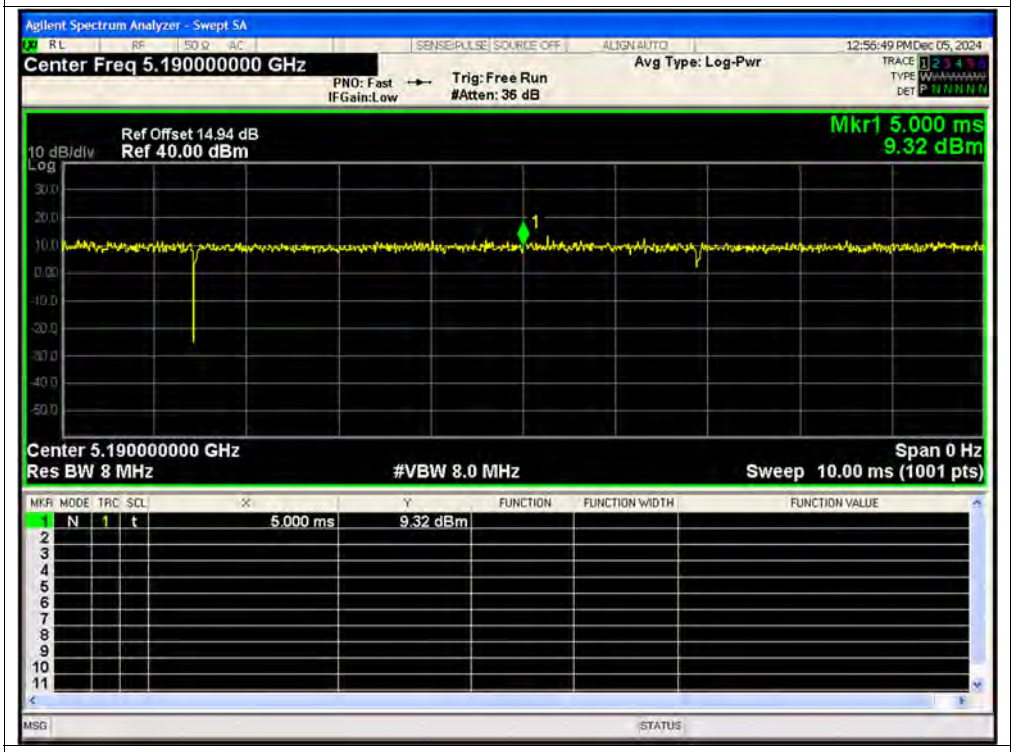
Duty Cycle NVNT n40 5755MHz Ant2 SISO



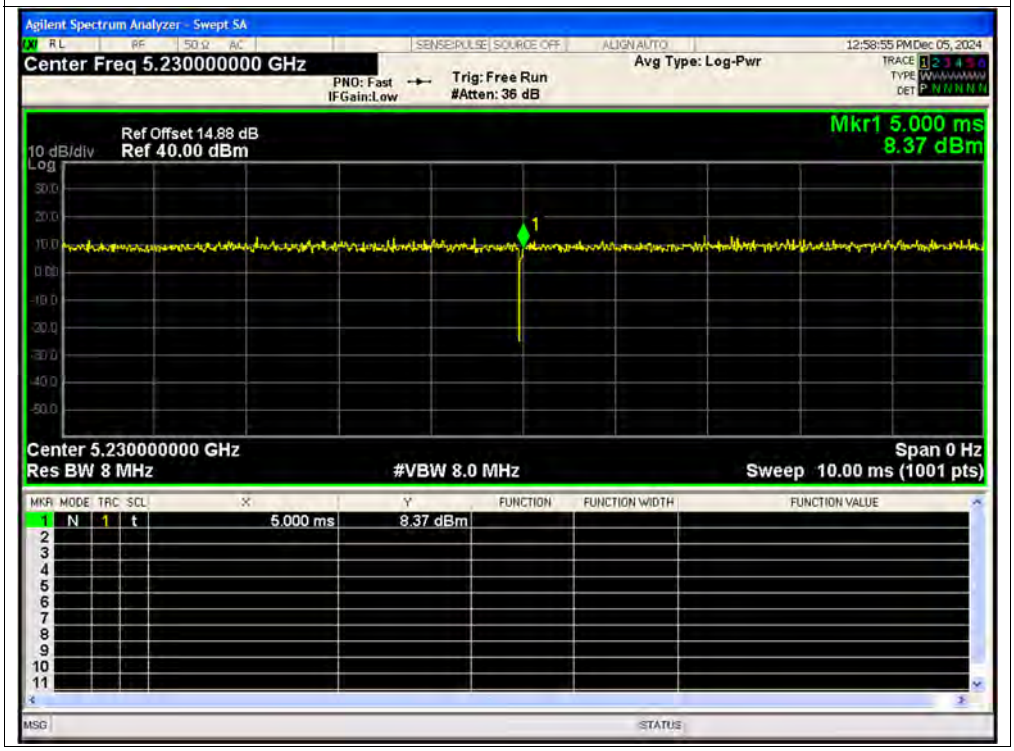
Duty Cycle NVNT n40 5795MHz Ant2 SISO



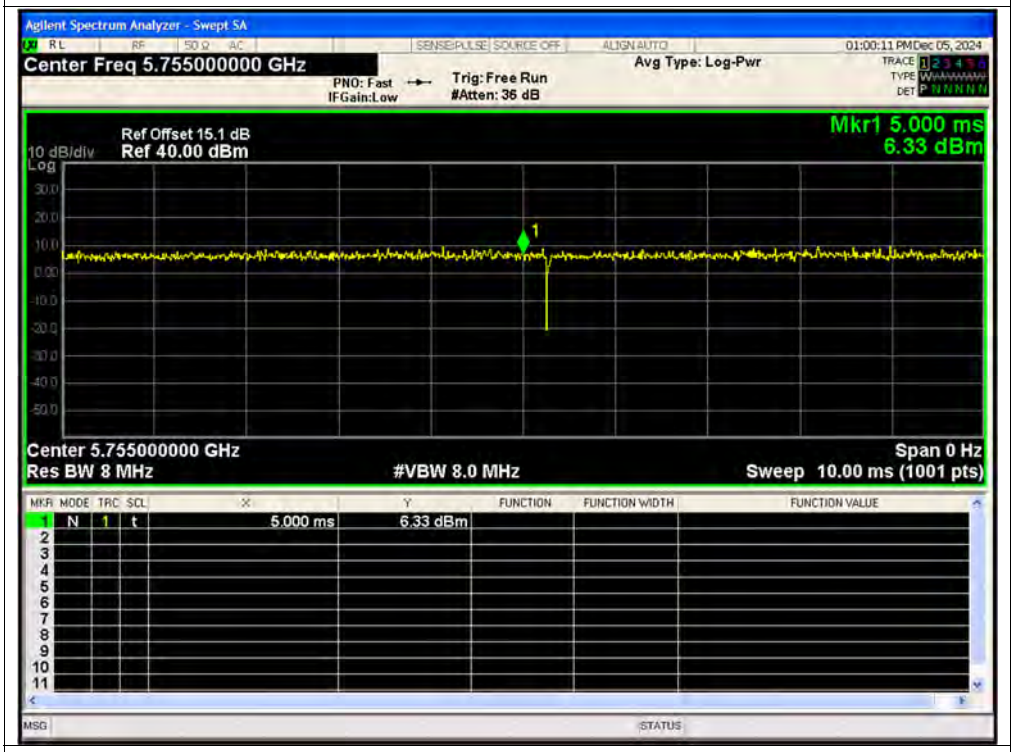
Duty Cycle NVNT n40 5190MHz Sum MIMO



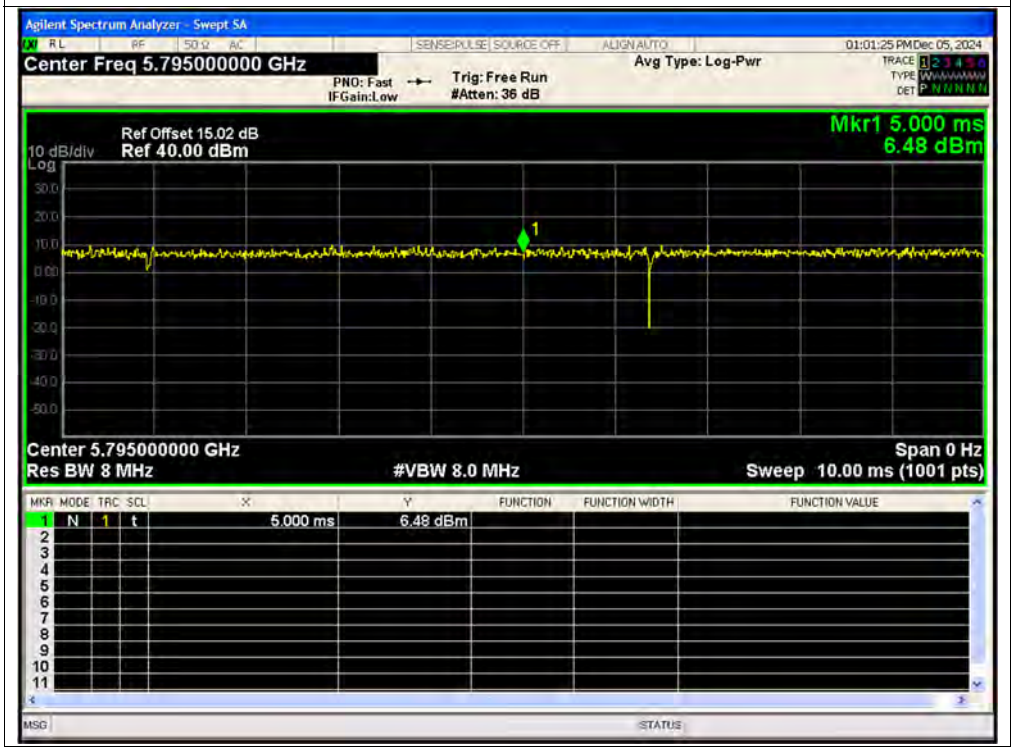
Duty Cycle NVNT n40 5230MHz Sum MIMO



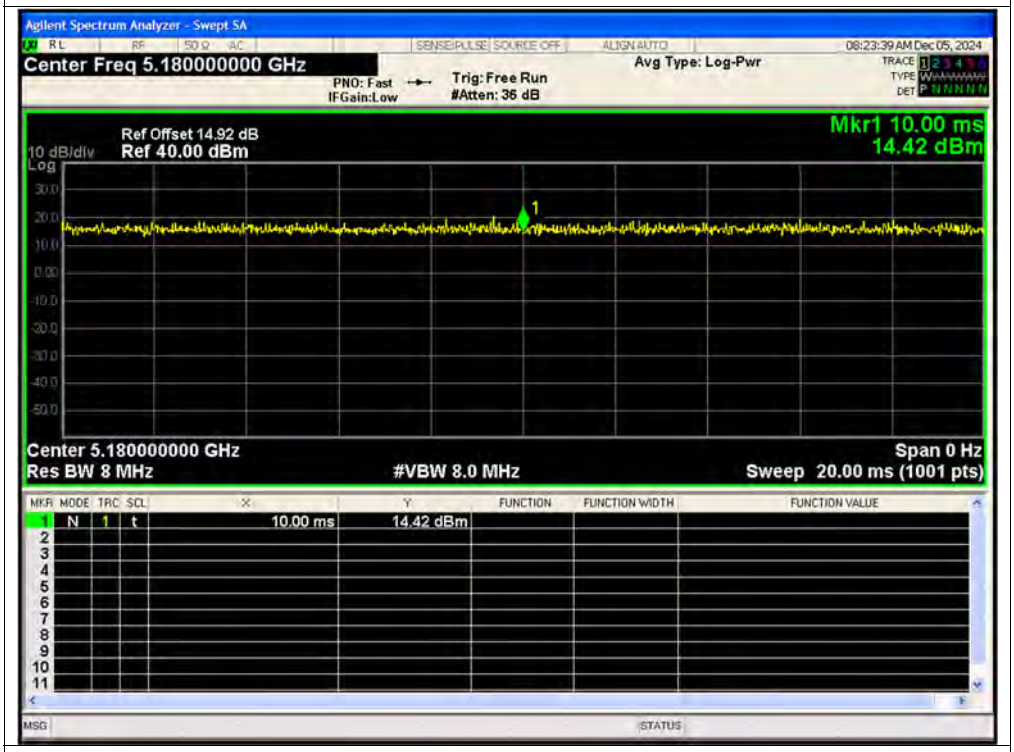
Duty Cycle NVNT n40 5755MHz Sum MIMO



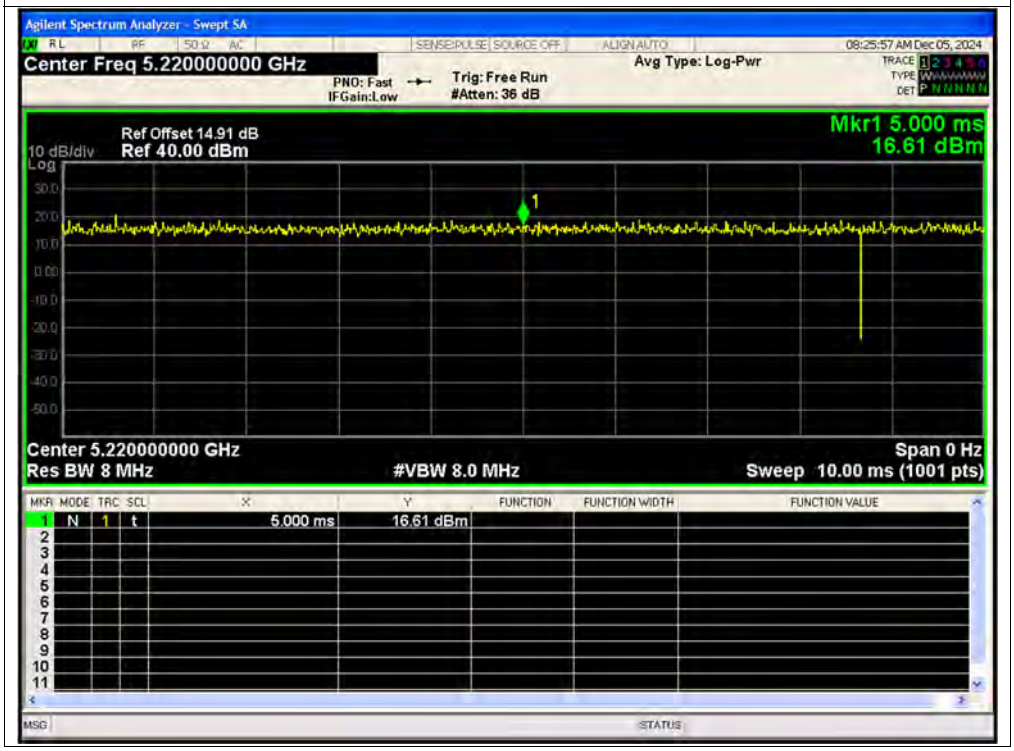
Duty Cycle NVNT n40 5795MHz Sum MIMO



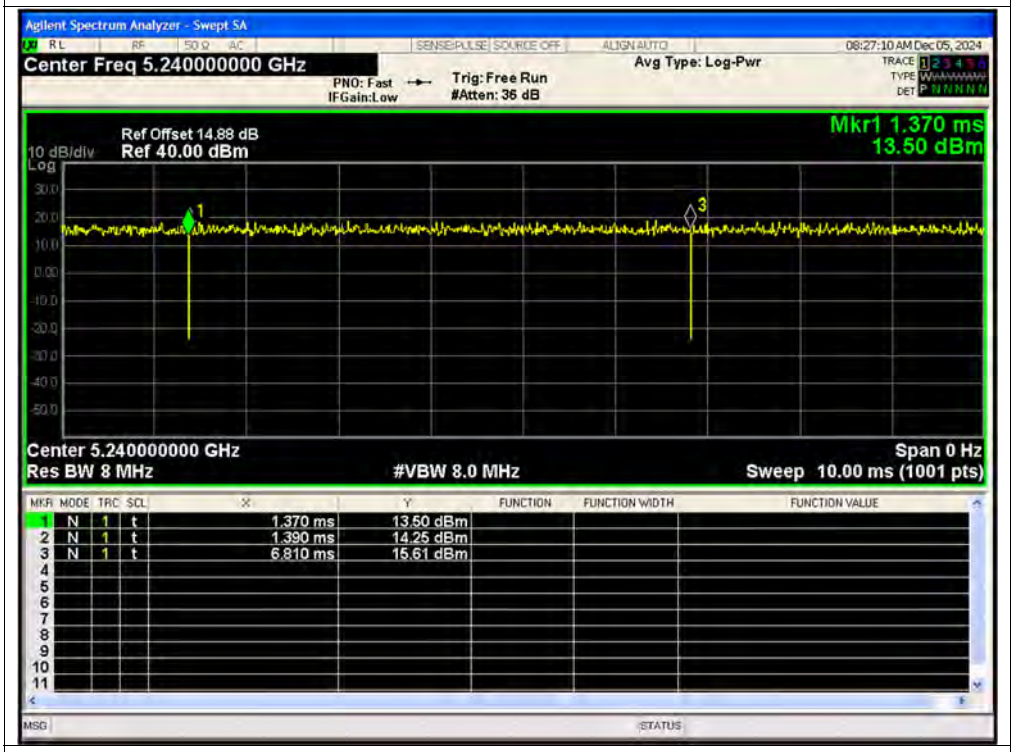
Duty Cycle NVNT ac20 5180MHz Ant1 SISO



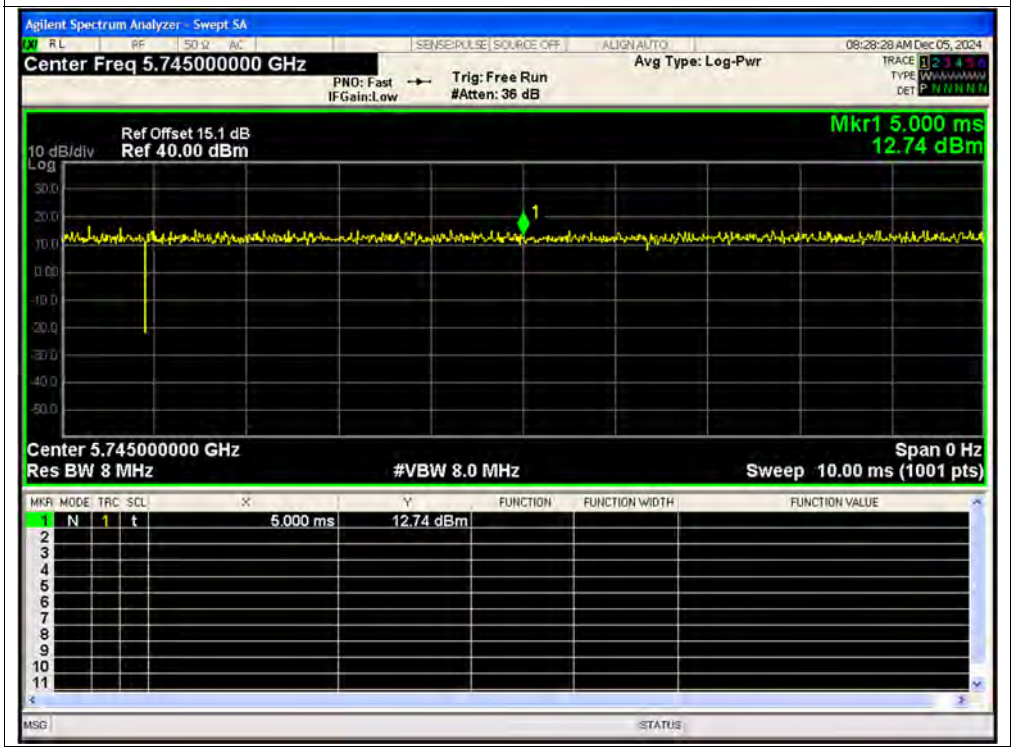
Duty Cycle NVNT ac20 5220MHz Ant1 SISO



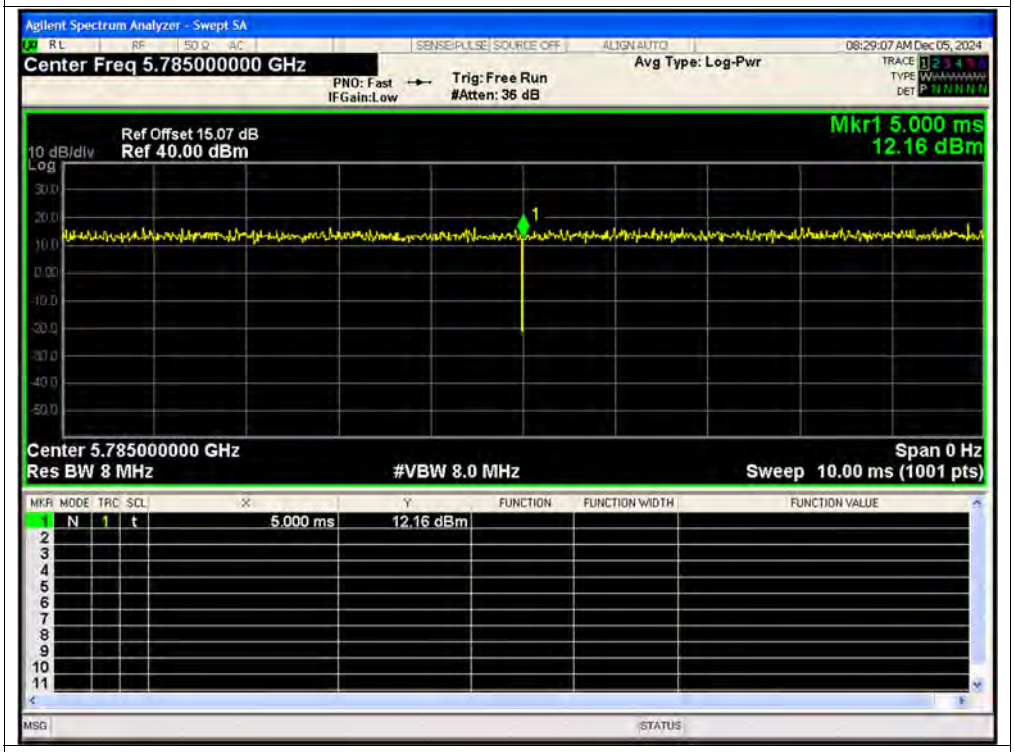
Duty Cycle NVNT ac20 5240MHz Ant1 SISO



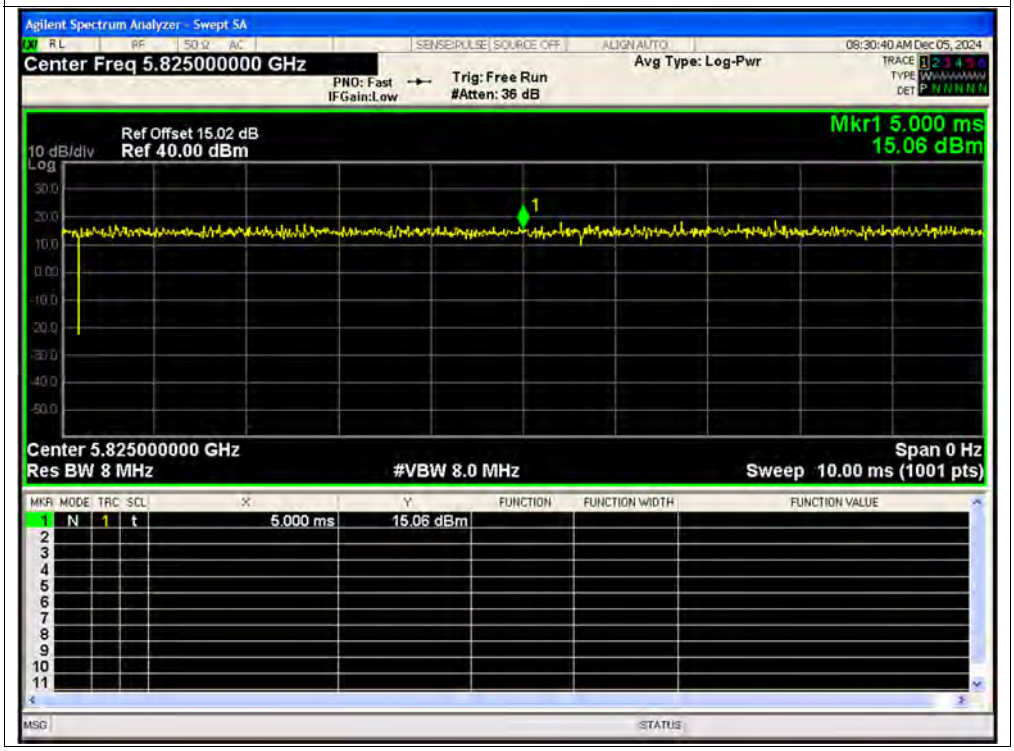
Duty Cycle NVNT ac20 5745MHz Ant1 SISO



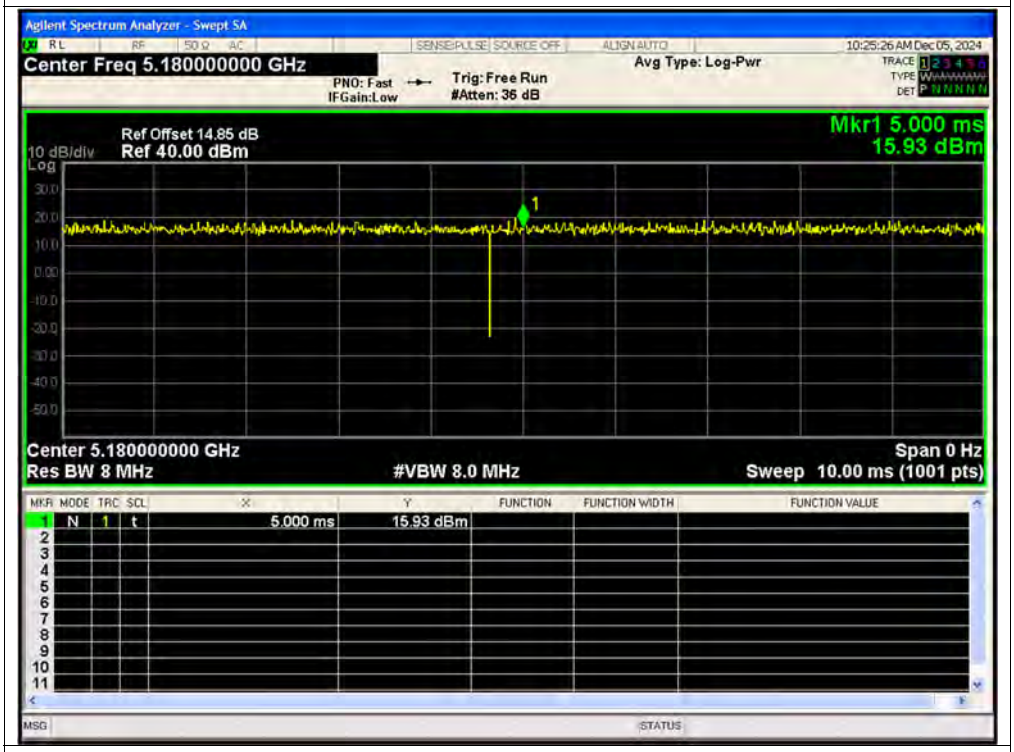
Duty Cycle NVNT ac20 5785MHz Ant1 SISO



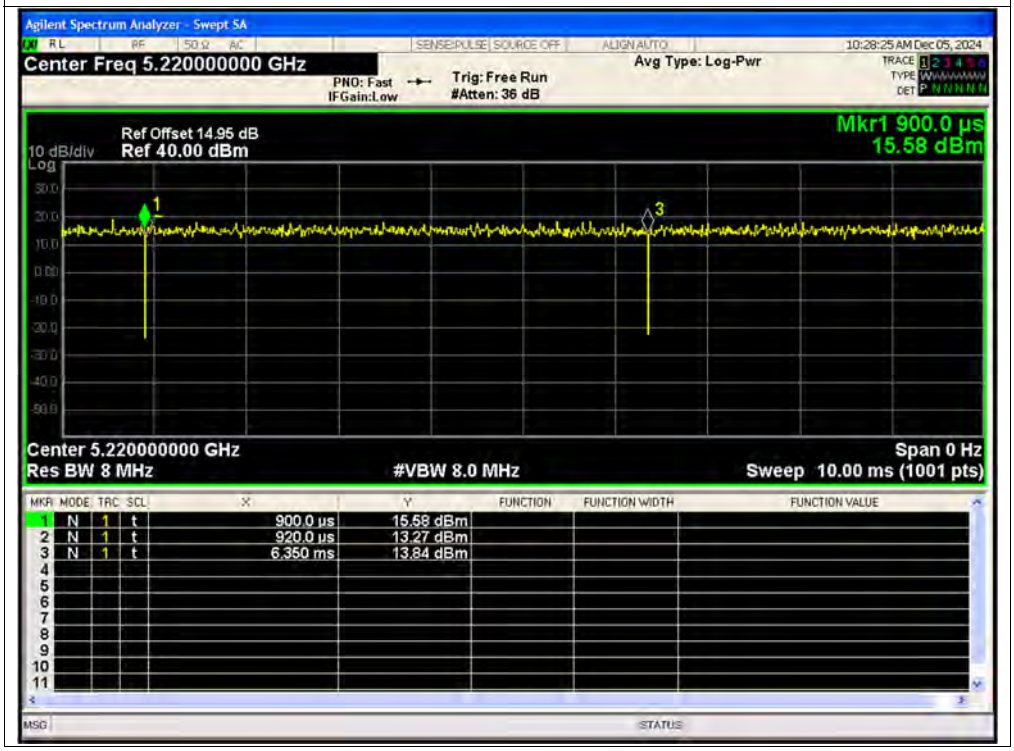
Duty Cycle NVNT ac20 5825MHz Ant1 SISO



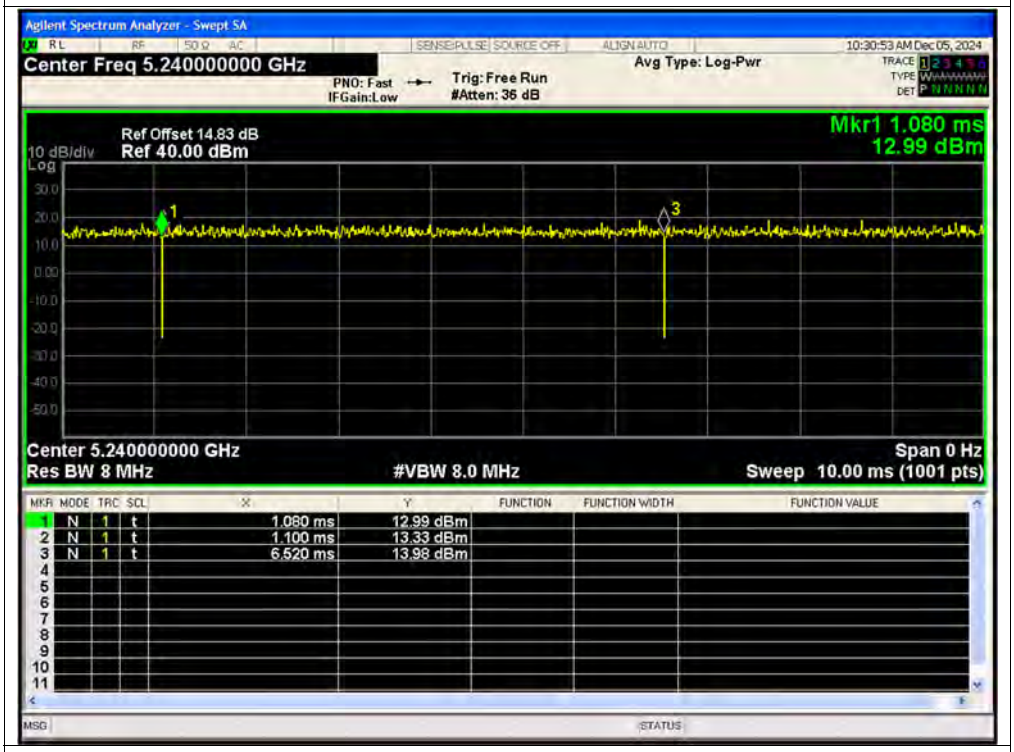
Duty Cycle NVNT ac20 5180MHz Ant2 SISO



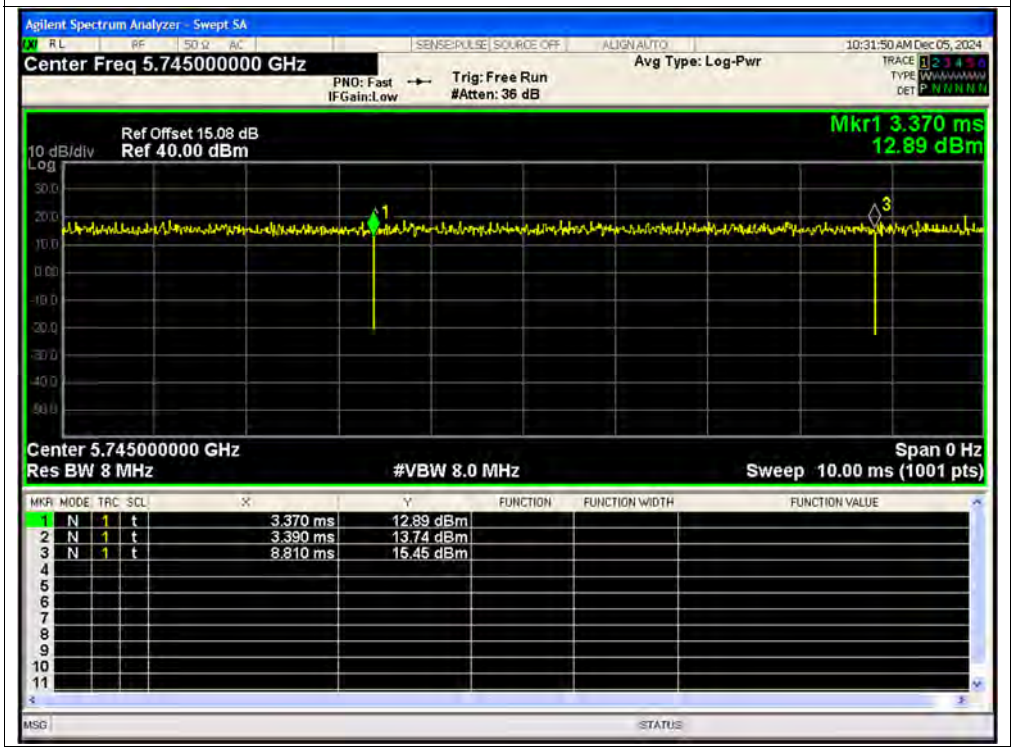
Duty Cycle NVNT ac20 5220MHz Ant2 SISO



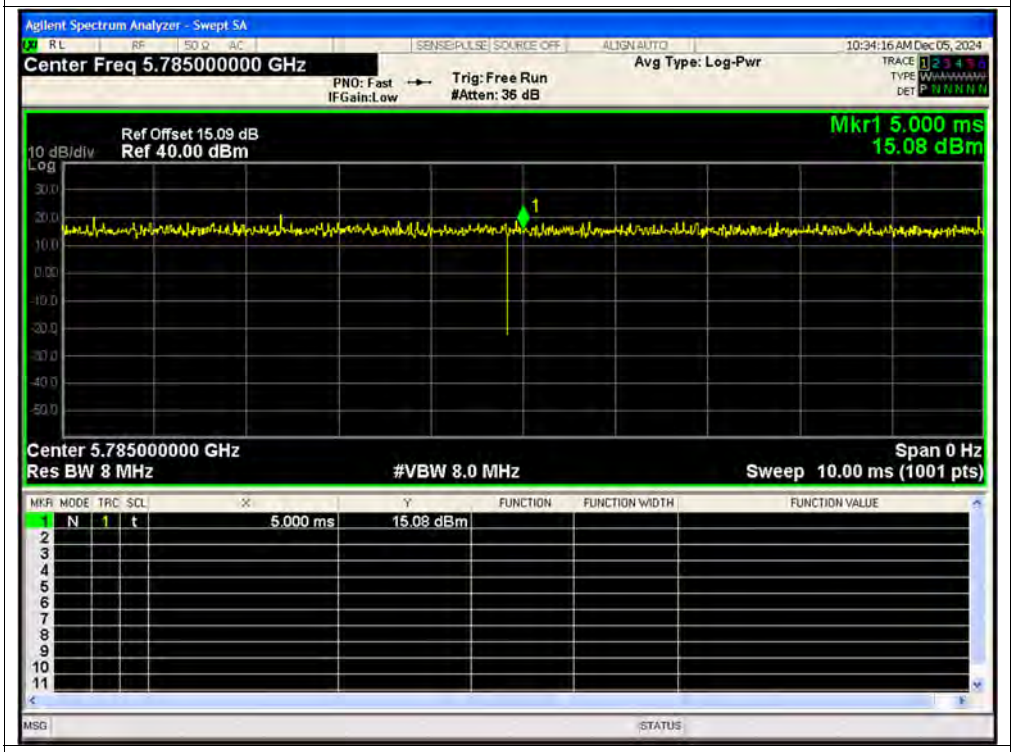
Duty Cycle NVNT ac20 5240MHz Ant2 SISO



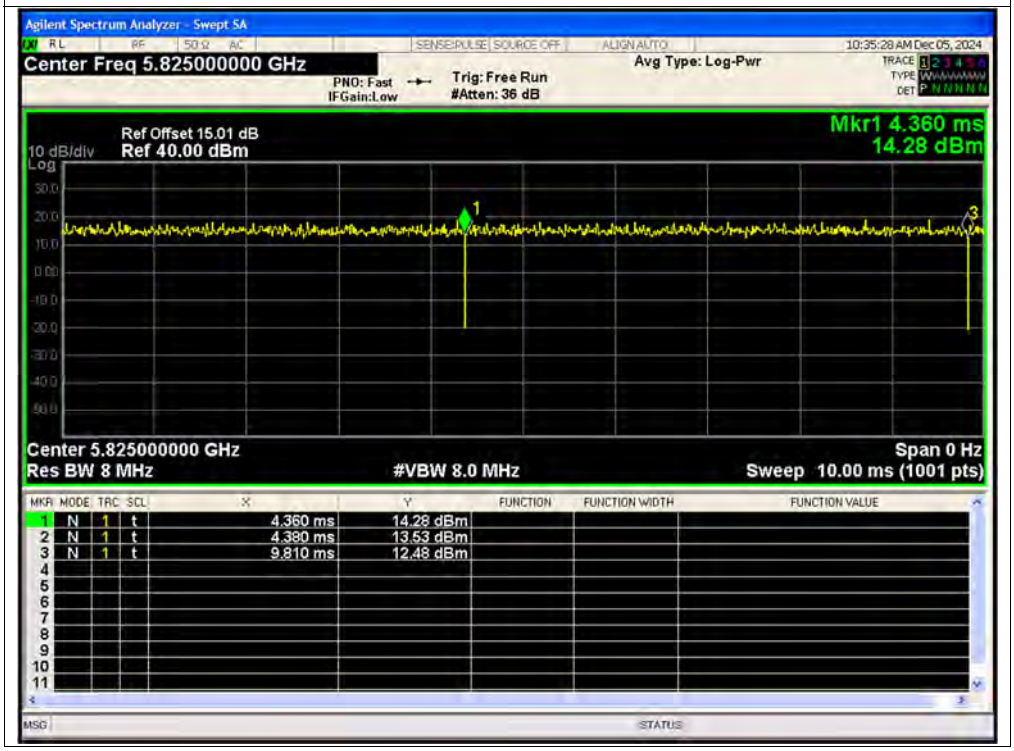
Duty Cycle NVNT ac20 5745MHz Ant2 SISO



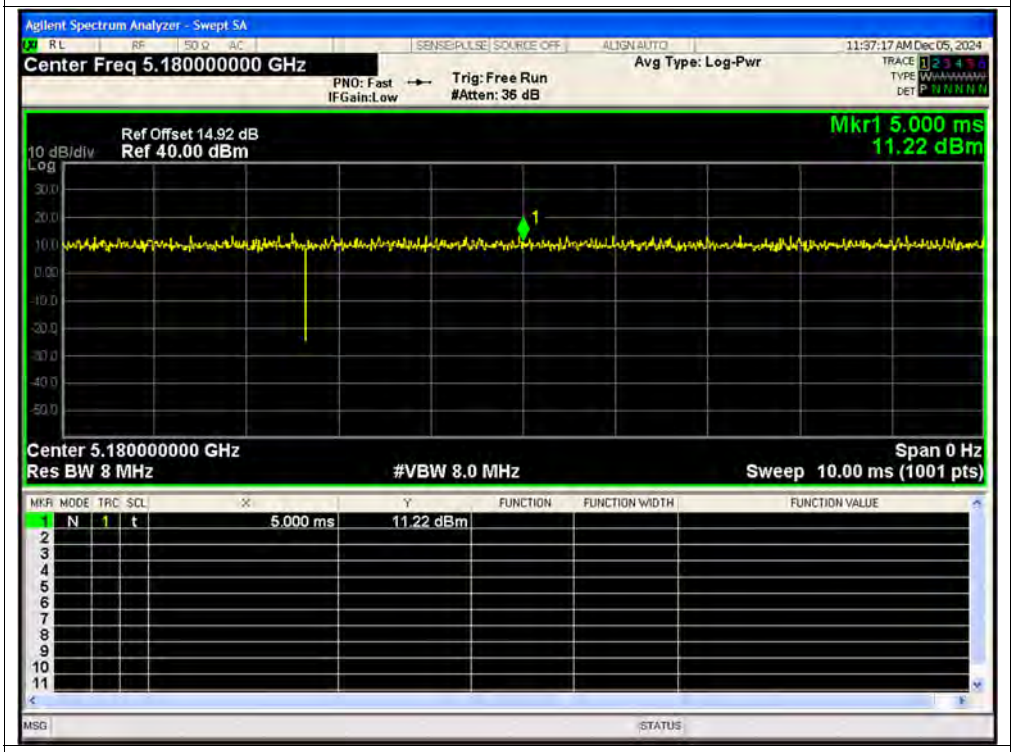
Duty Cycle NVNT ac20 5785MHz Ant2 SISO



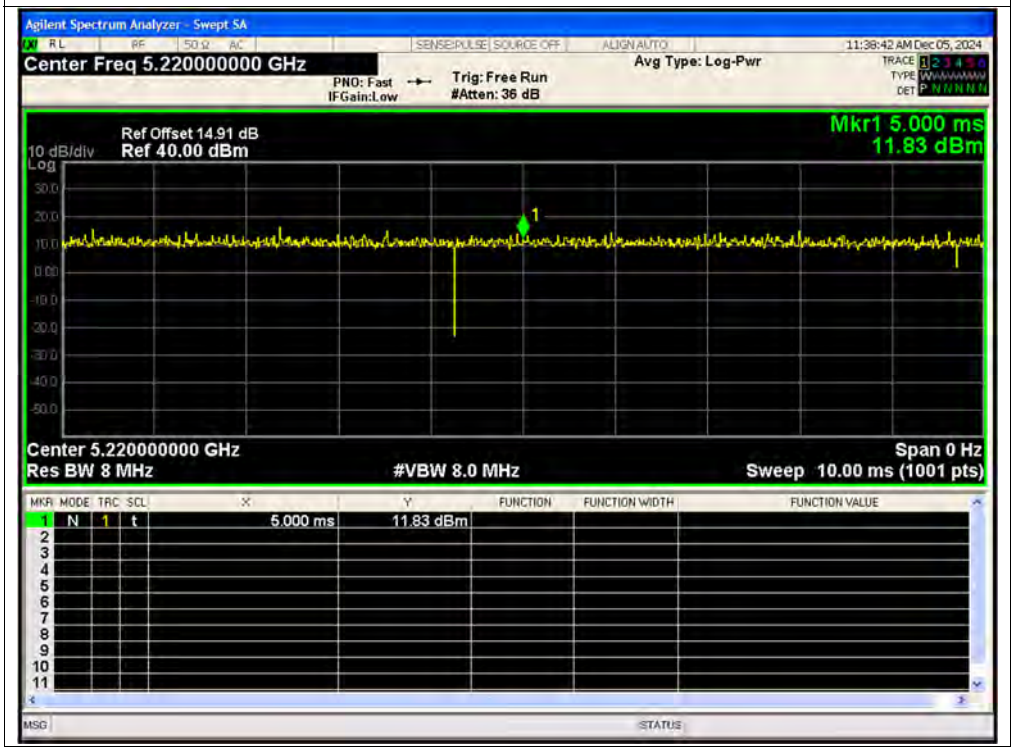
Duty Cycle NVNT ac20 5825MHz Ant2 SISO



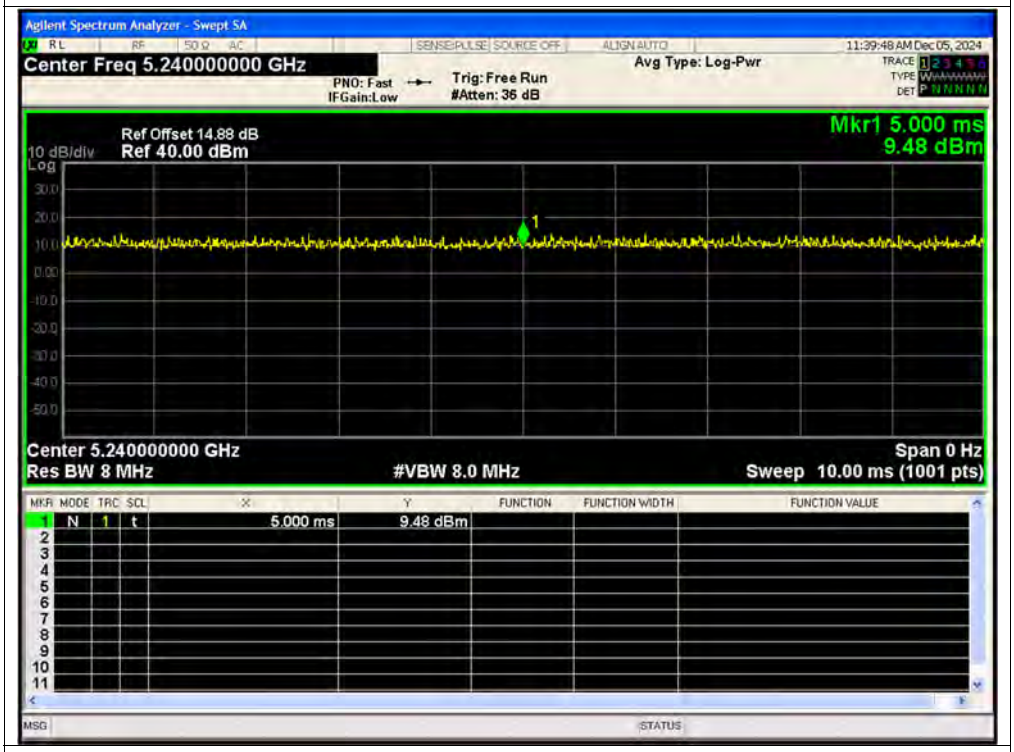
Duty Cycle NVNT ac20 5180MHz Sum MIMO



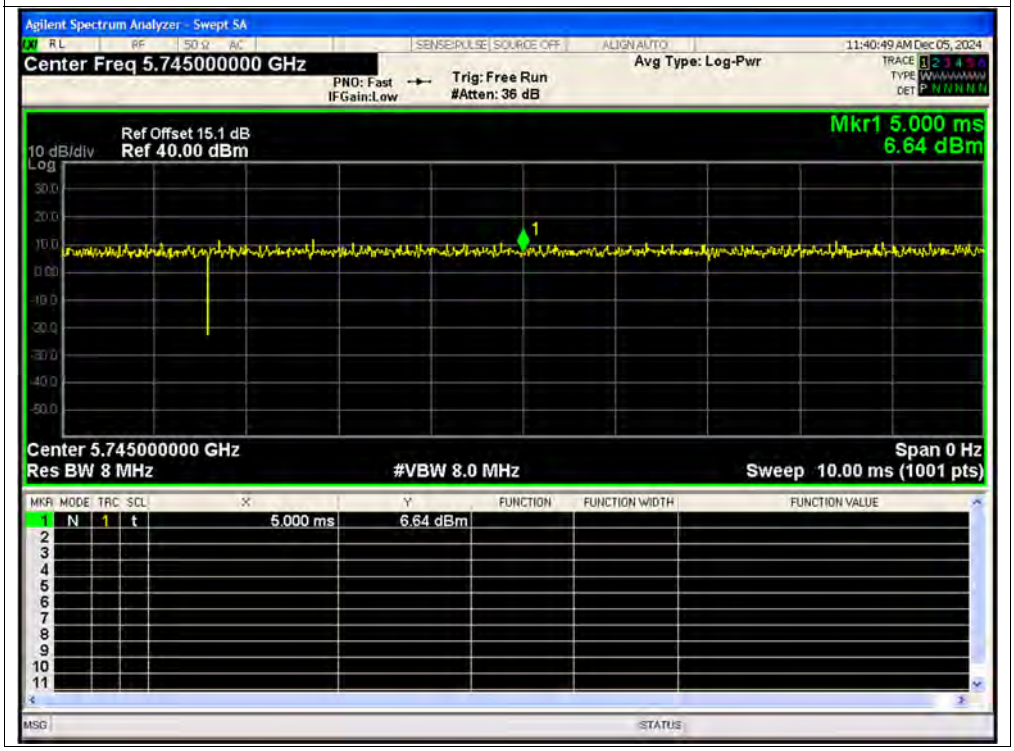
Duty Cycle NVNT ac20 5220MHz Sum MIMO



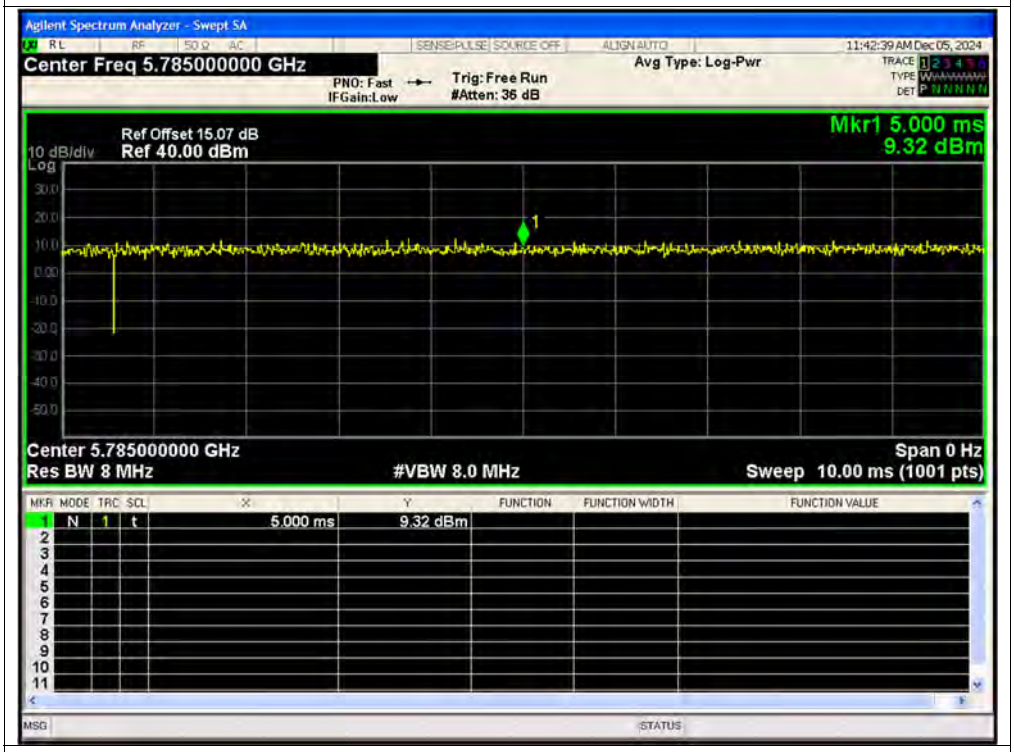
Duty Cycle NVNT ac20 5240MHz Sum MIMO



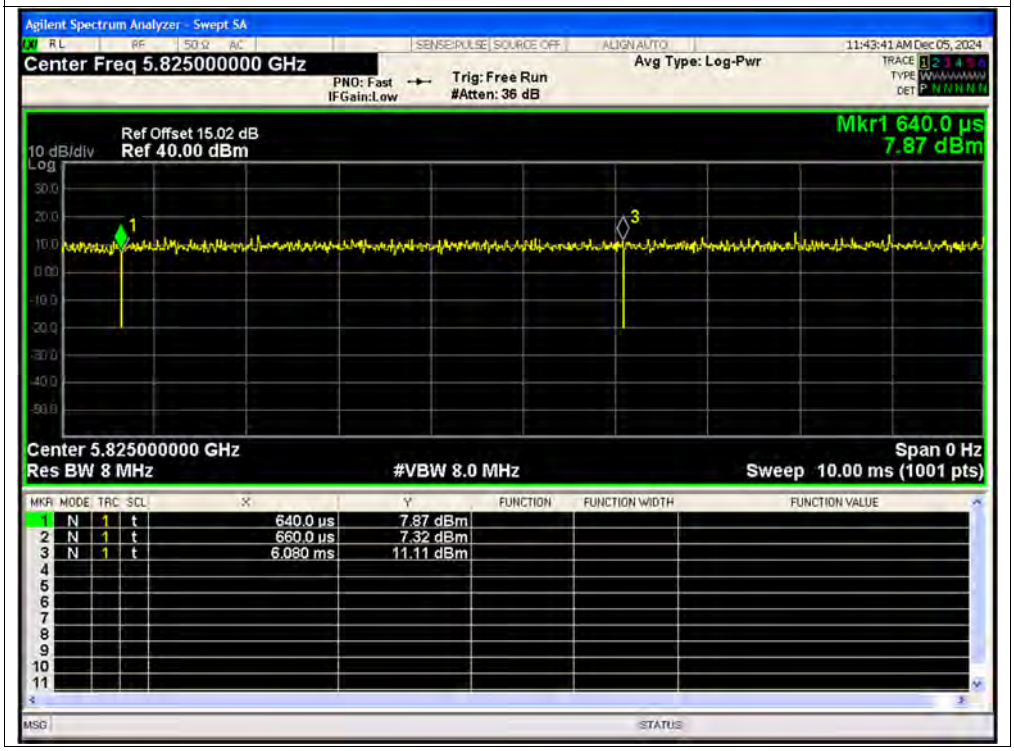
Duty Cycle NVNT ac20 5745MHz Sum MIMO



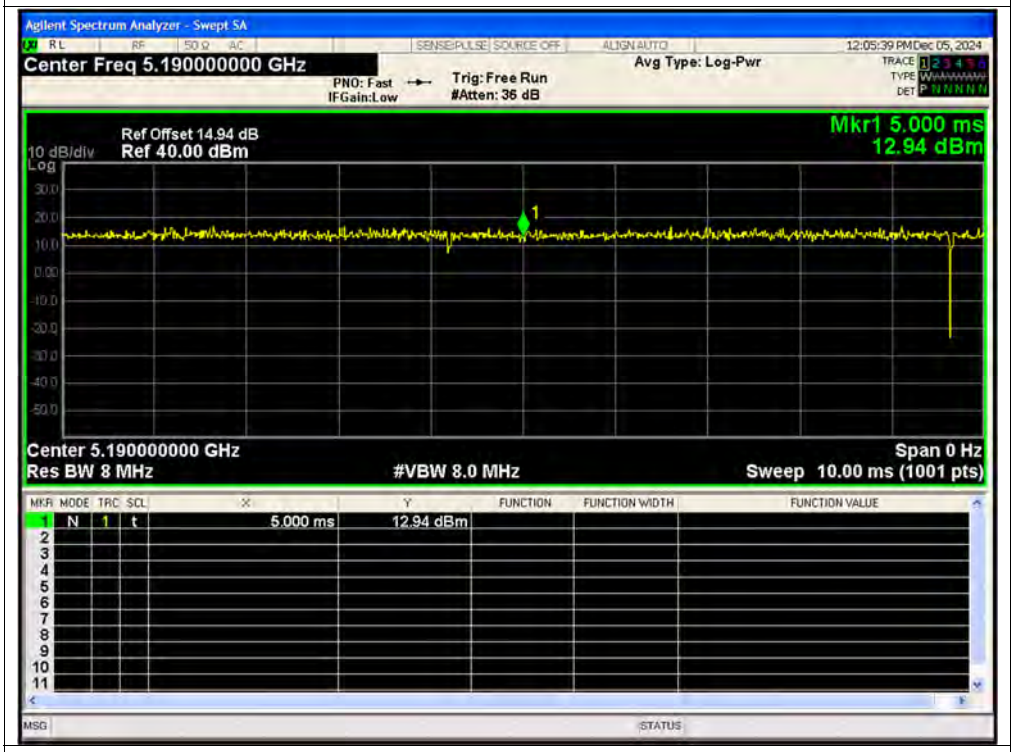
Duty Cycle NVNT ac20 5785MHz Sum MIMO



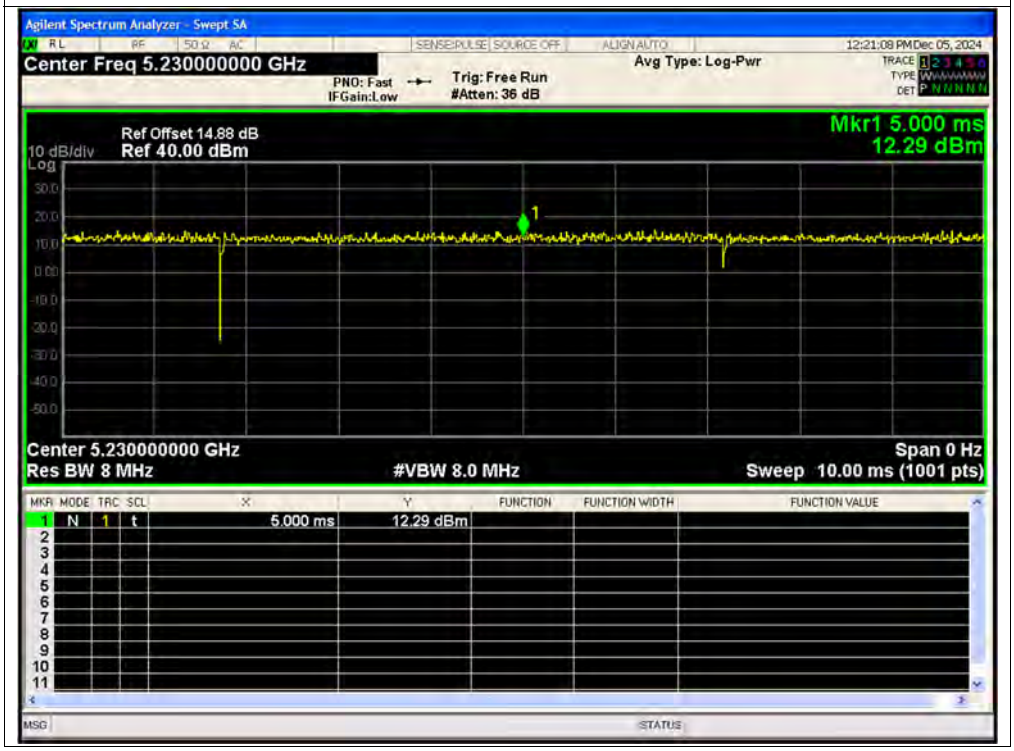
Duty Cycle NVNT ac20 5825MHz Sum MIMO



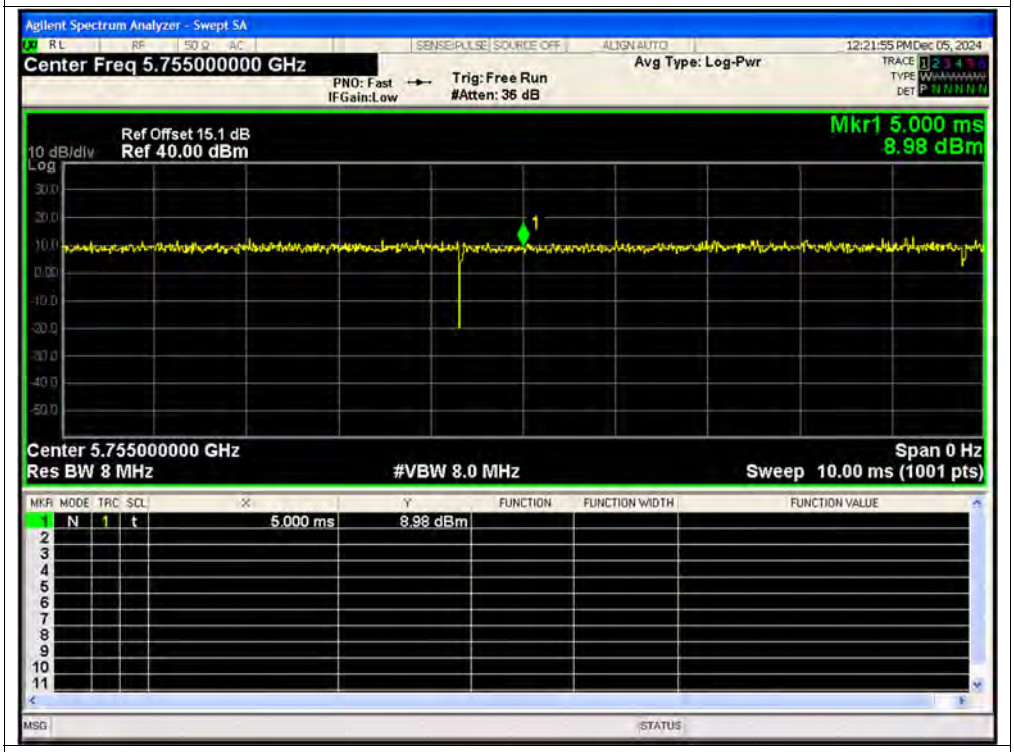
Duty Cycle NVNT ac40 5190MHz Ant1 SISO



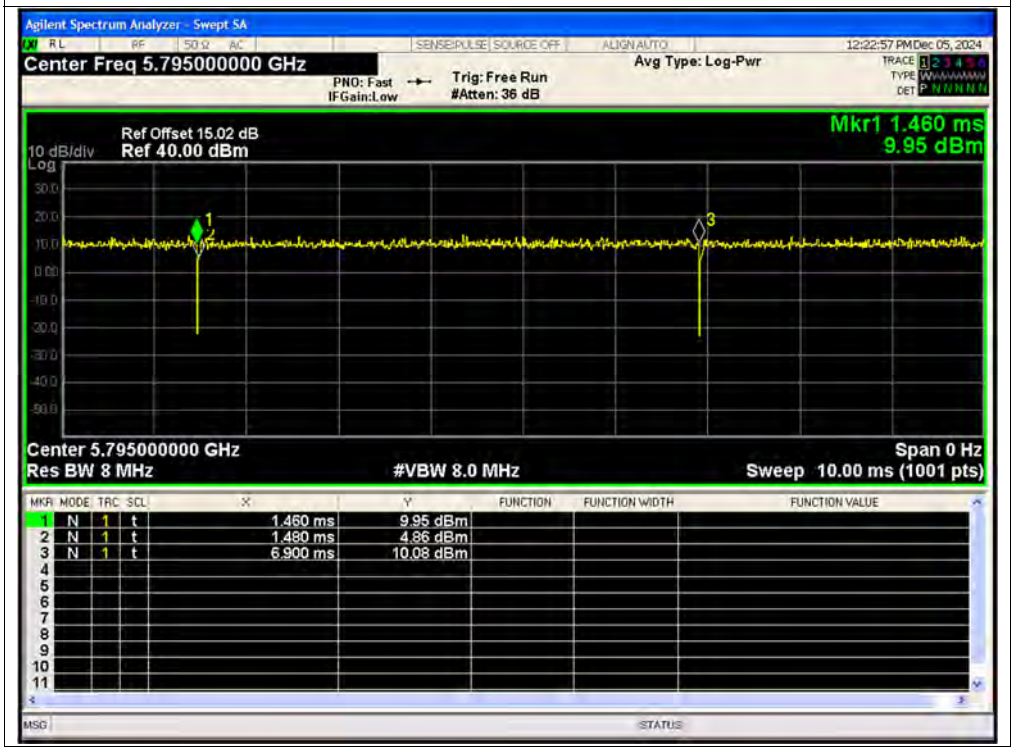
Duty Cycle NVNT ac40 5230MHz Ant1 SISO



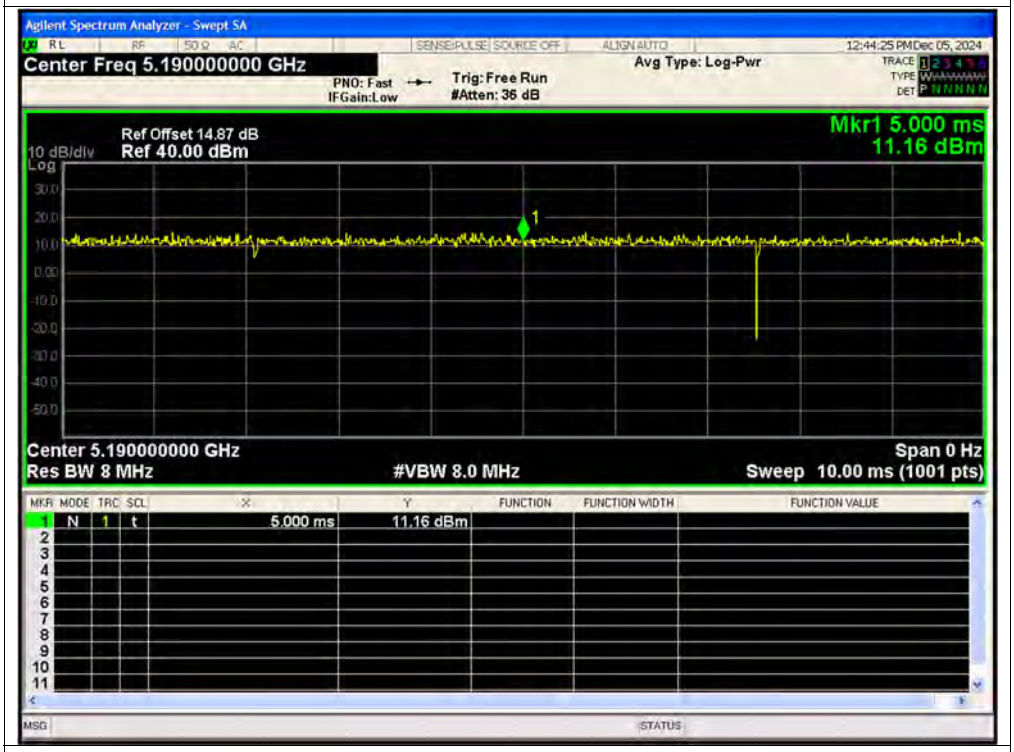
Duty Cycle NVNT ac40 5755MHz Ant1 SISO



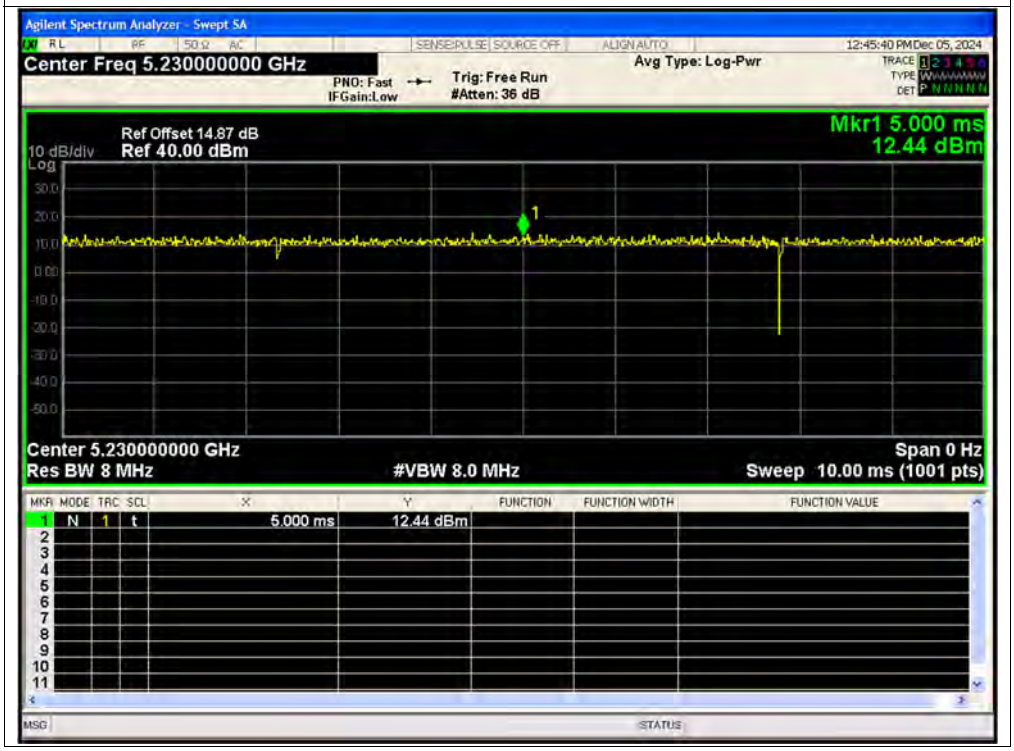
Duty Cycle NVNT ac40 5795MHz Ant1 SISO



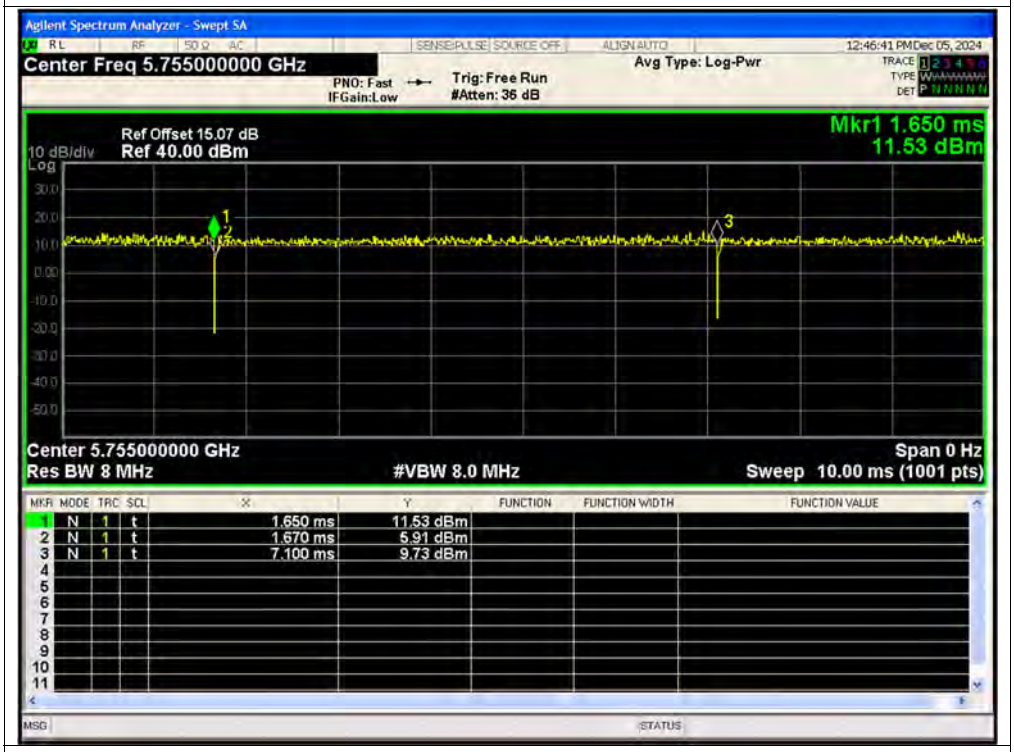
Duty Cycle NVNT ac40 5190MHz Ant2 SISO



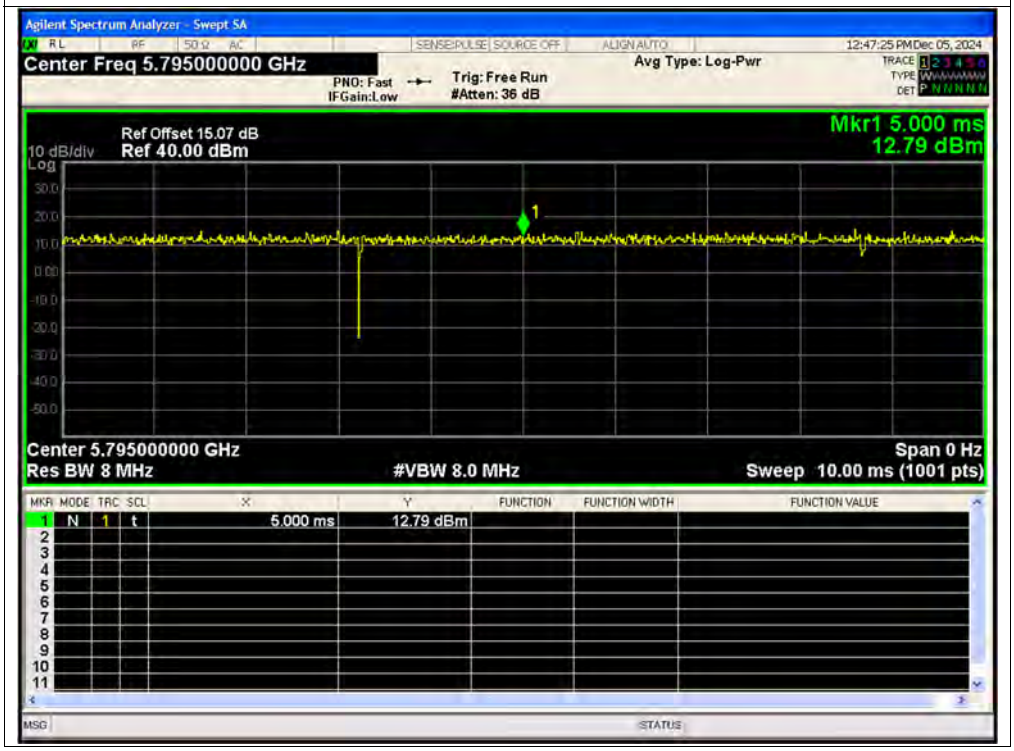
Duty Cycle NVNT ac40 5230MHz Ant2 SISO



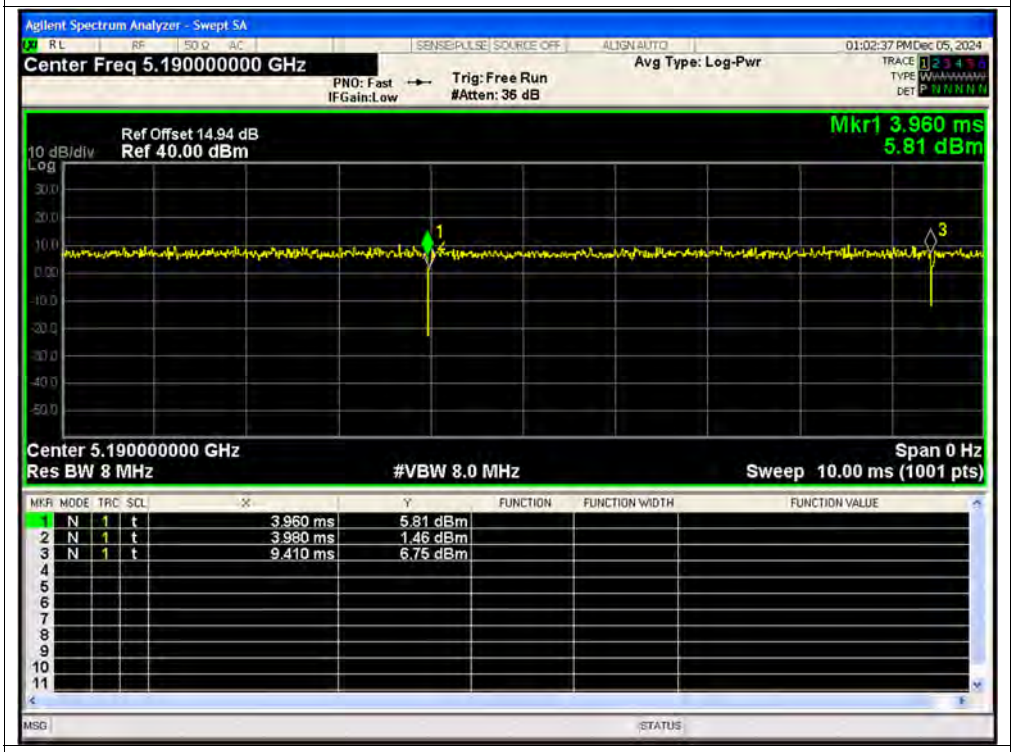
Duty Cycle NVNT ac40 5755MHz Ant2 SISO



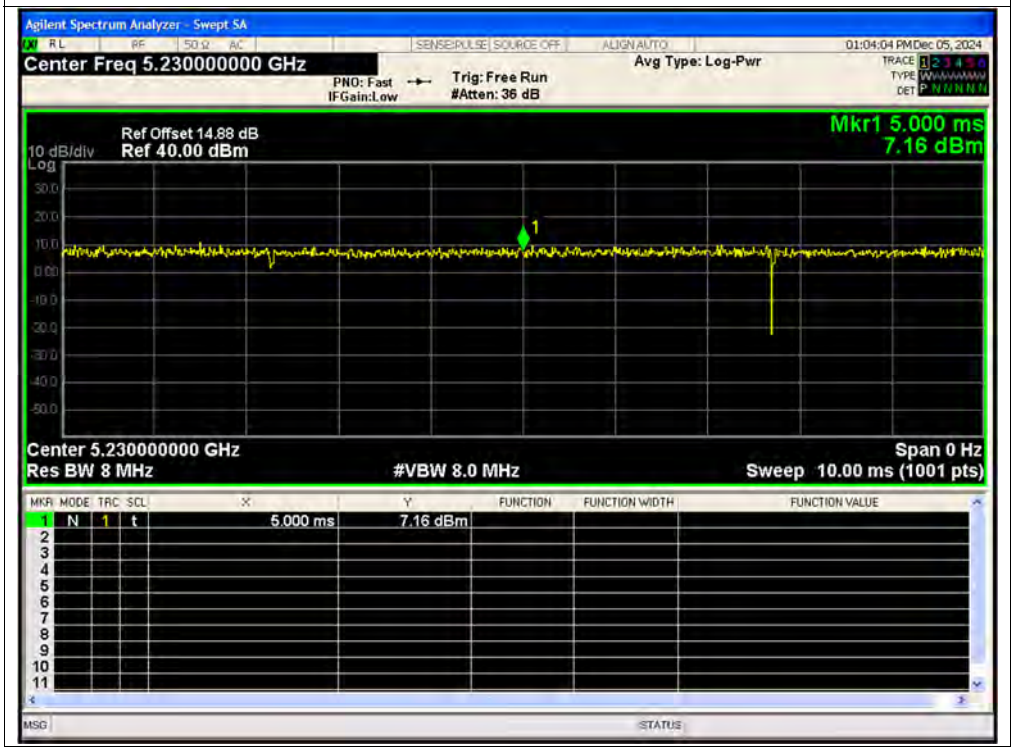
Duty Cycle NVNT ac40 5795MHz Ant2 SISO



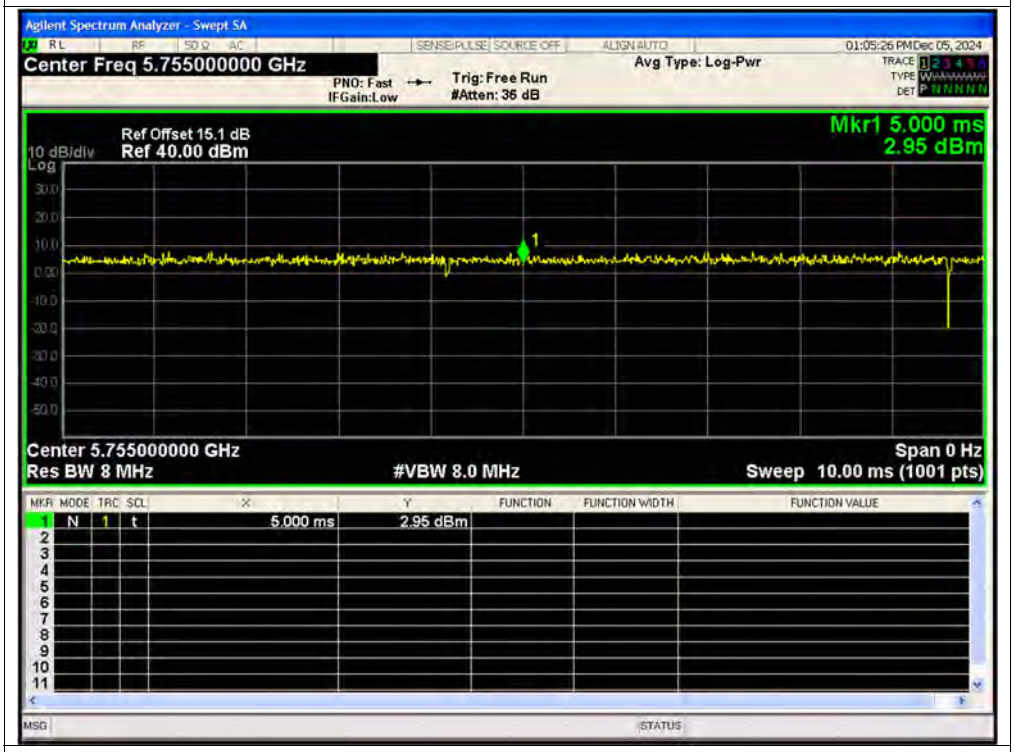
Duty Cycle NVNT ac40 5190MHz Sum MIMO



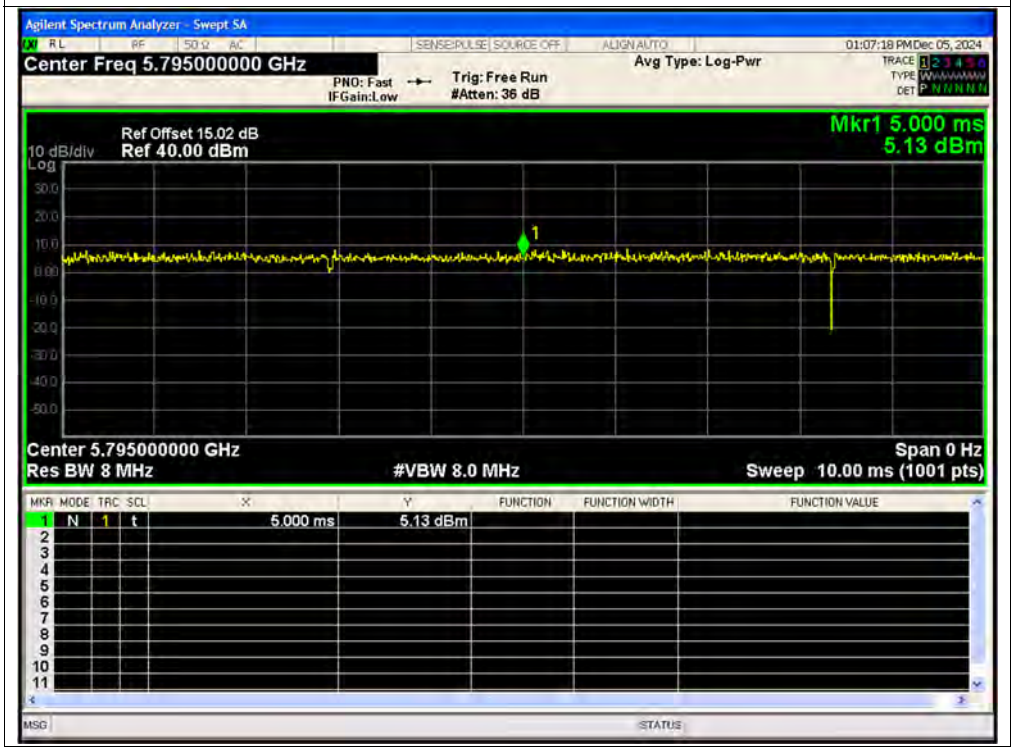
Duty Cycle NVNT ac40 5230MHz Sum MIMO



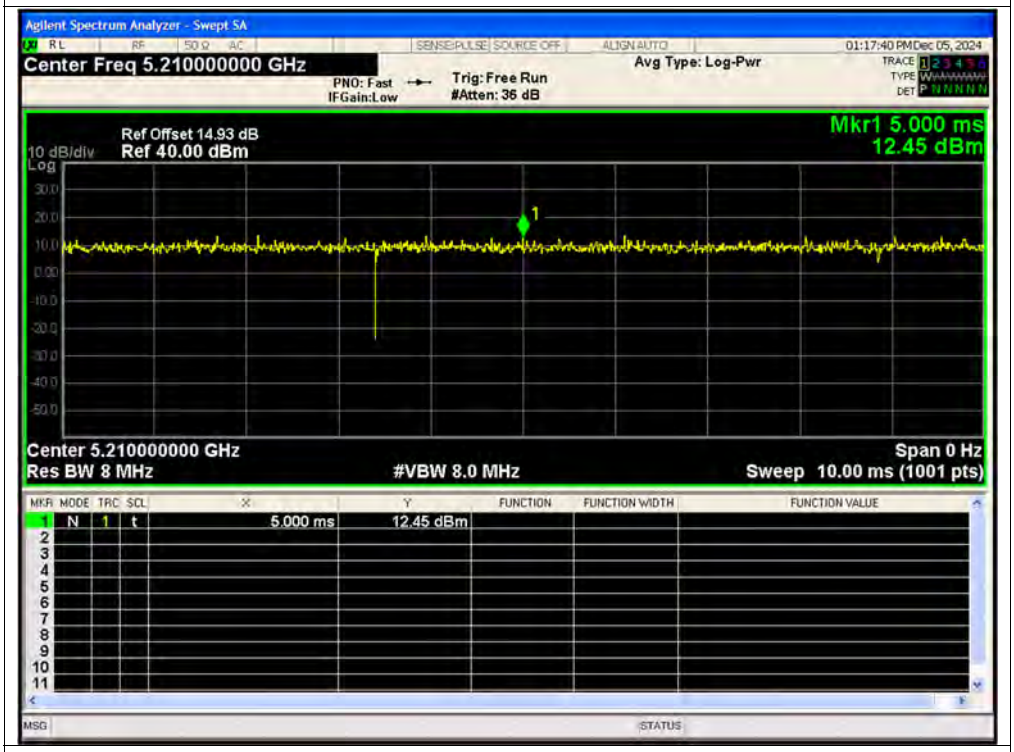
Duty Cycle NVNT ac40 5755MHz Sum MIMO



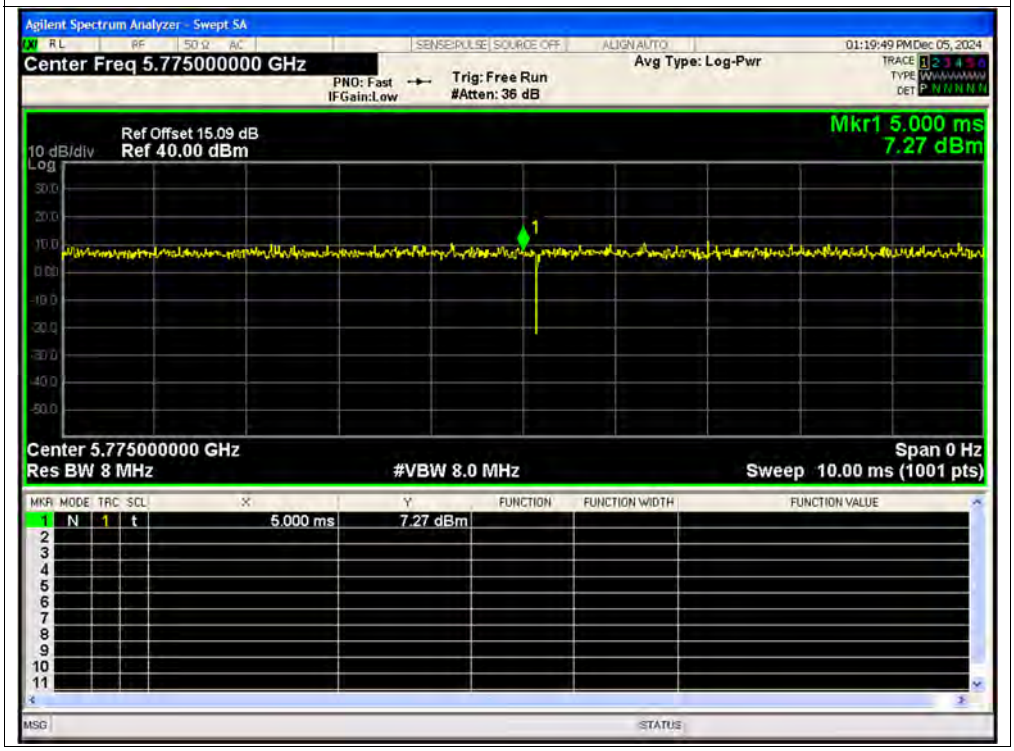
Duty Cycle NVNT ac40 5795MHz Sum MIMO



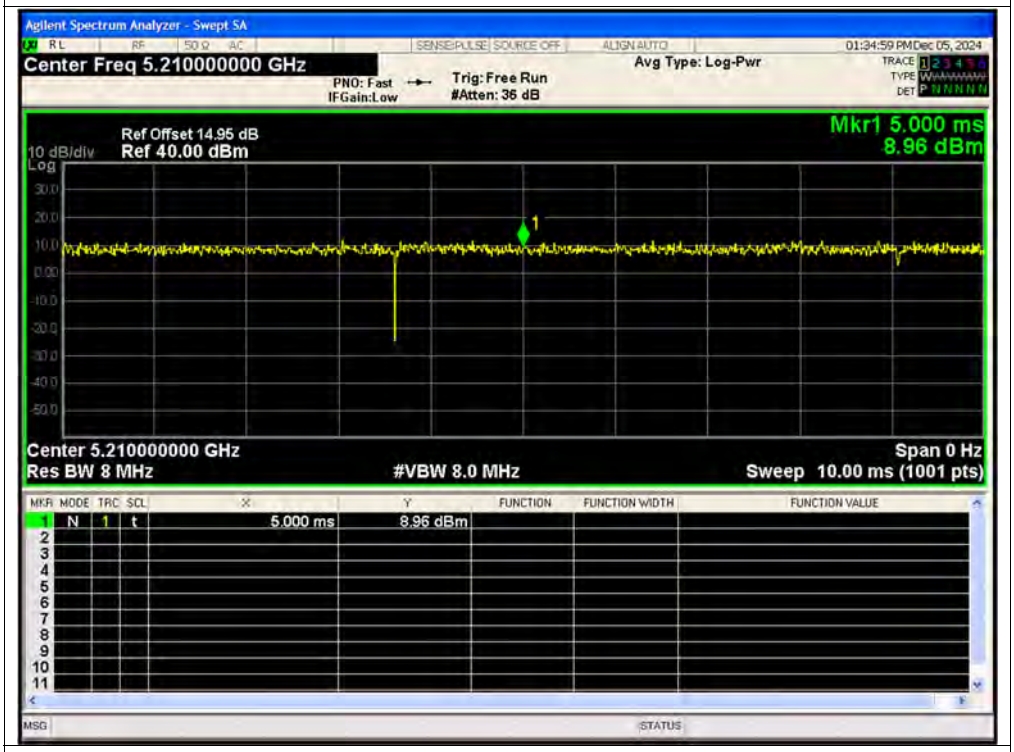
Duty Cycle NVNT ac80 5210MHz Ant1 SISO



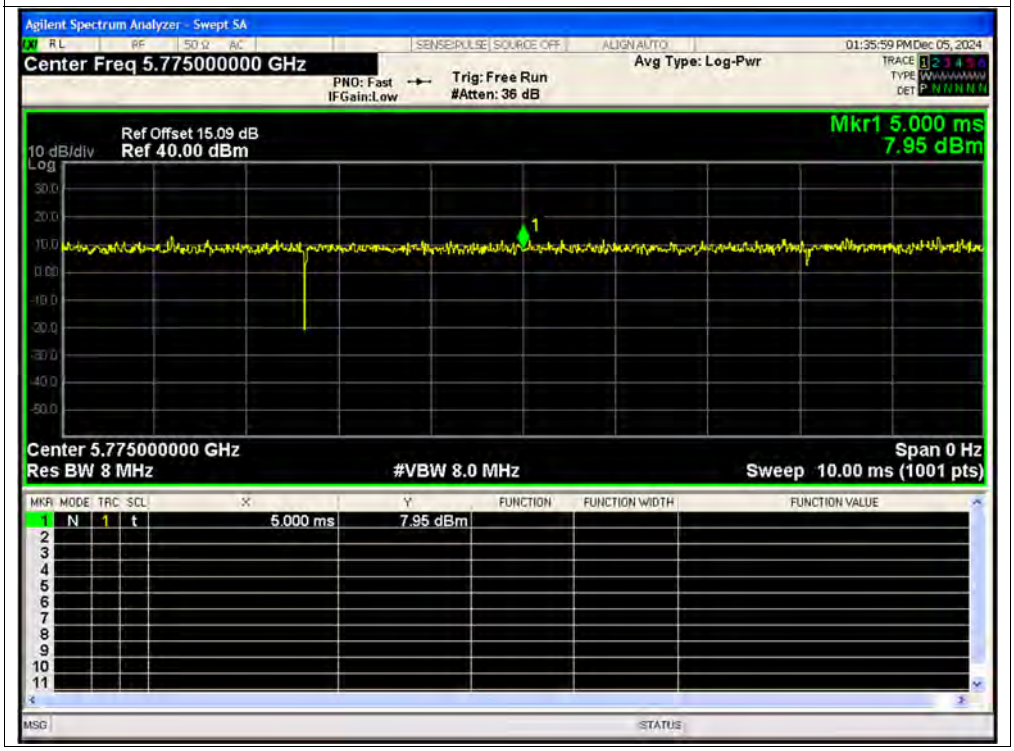
Duty Cycle NVNT ac80 5775MHz Ant1 SISO



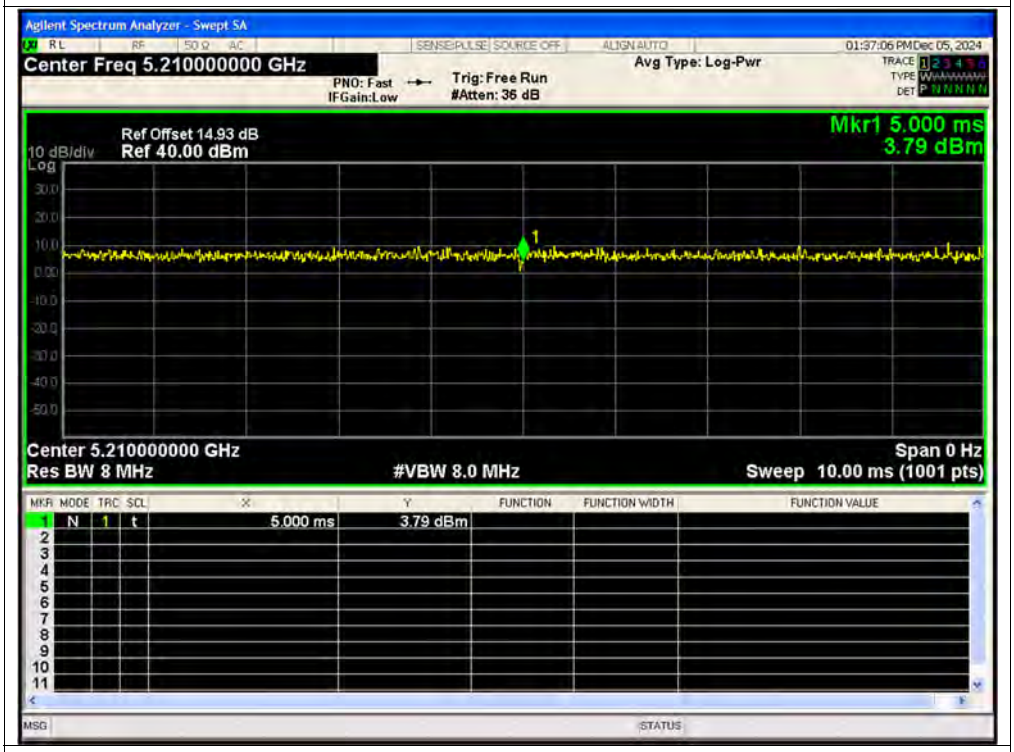
Duty Cycle NVNT ac80 5210MHz Ant2 SISO



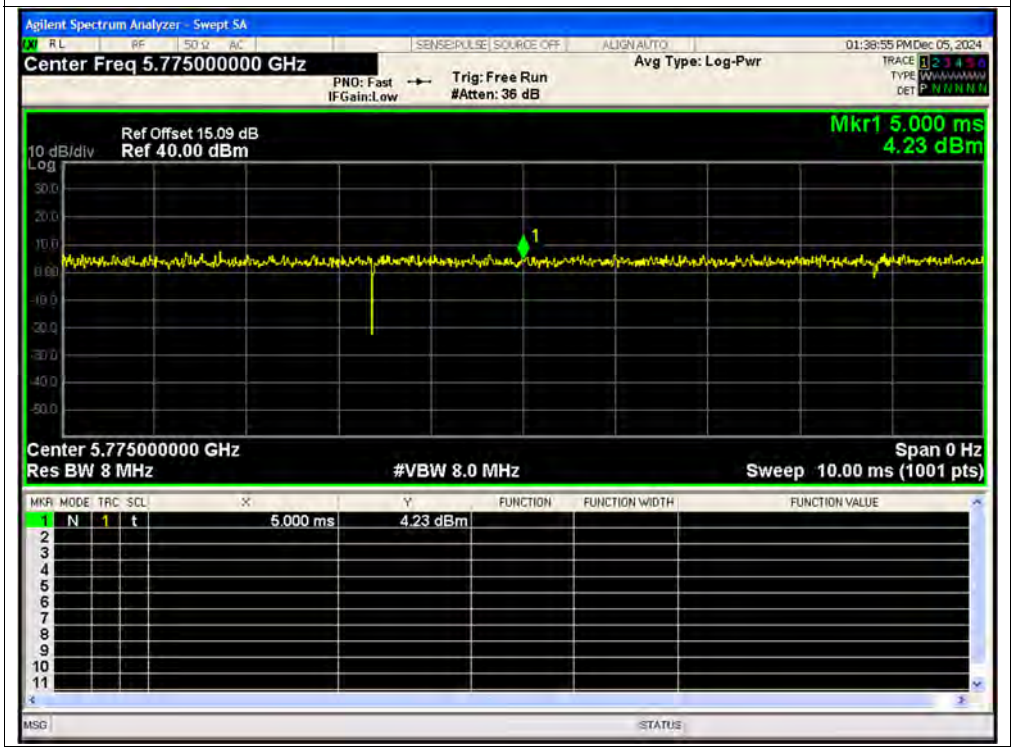
Duty Cycle NVNT ac80 5775MHz Ant2 SISO



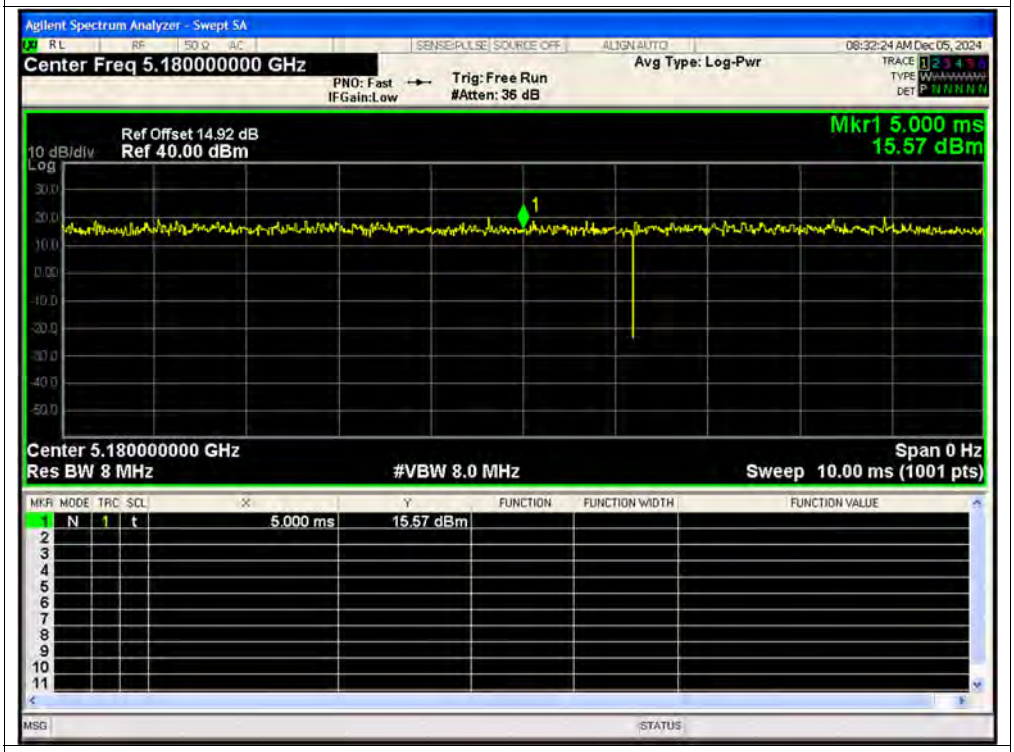
Duty Cycle NVNT ac80 5210MHz Sum MIMO



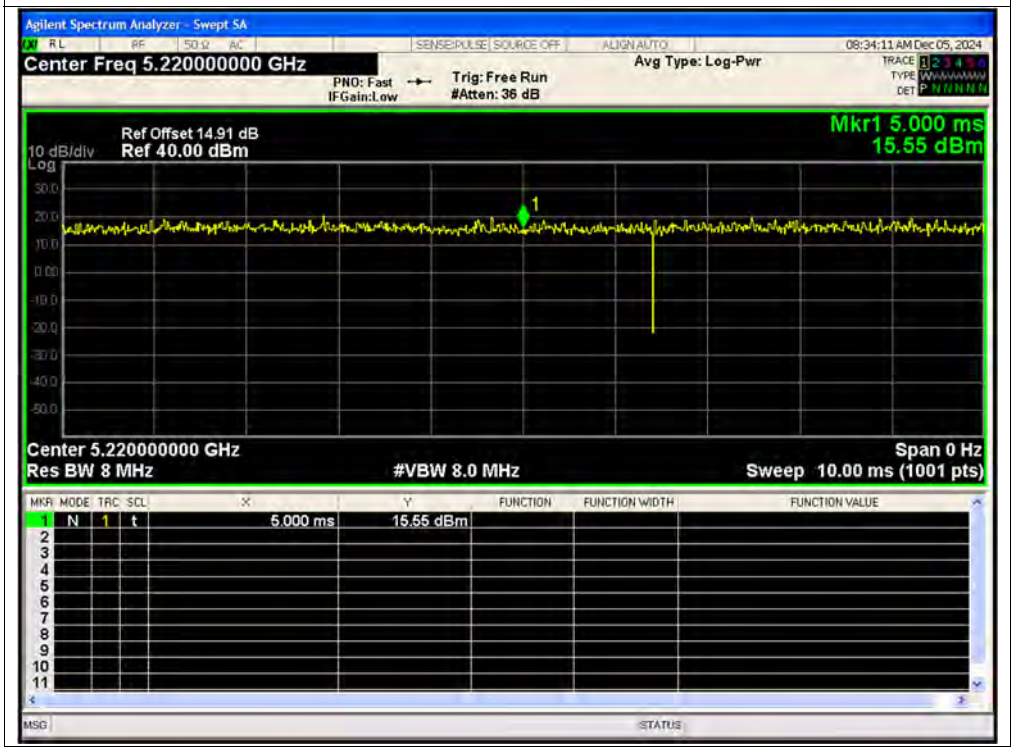
Duty Cycle NVNT ac80 5775MHz Sum MIMO



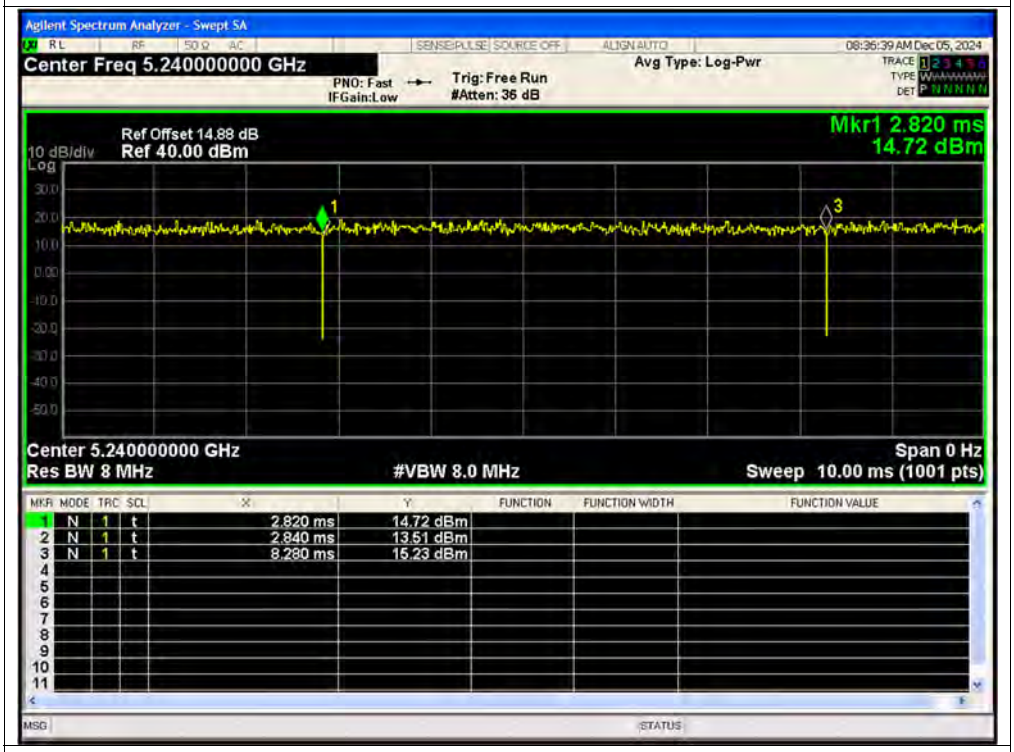
Duty Cycle NVNT ax20 5180MHz Ant1 SISO



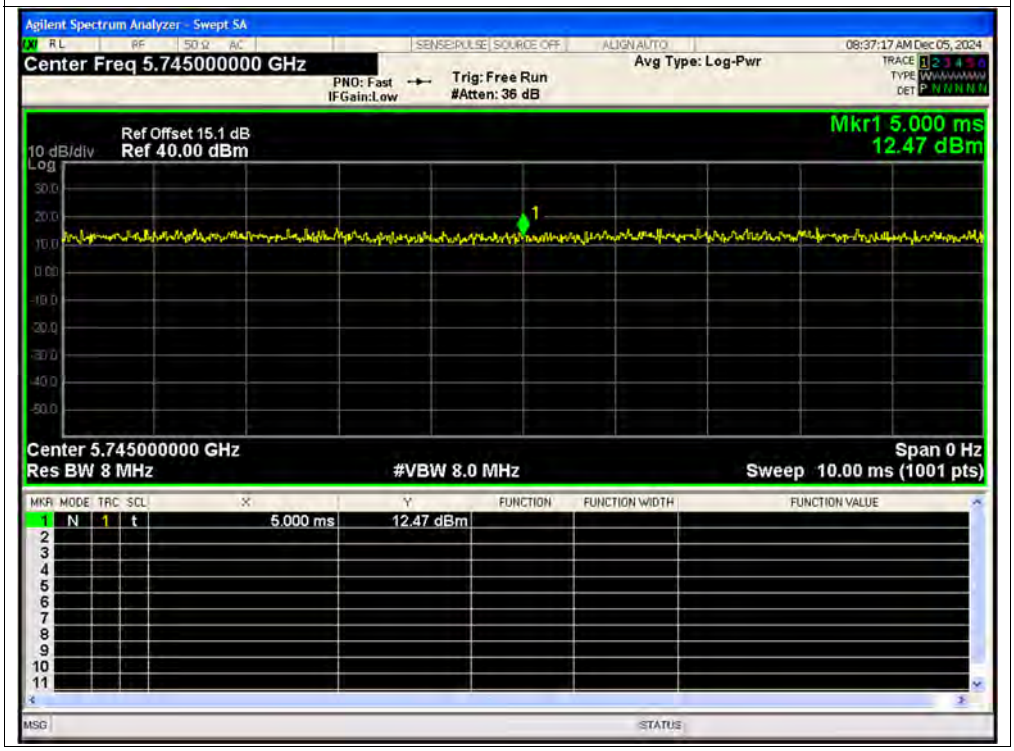
Duty Cycle NVNT ax20 5220MHz Ant1 SISO



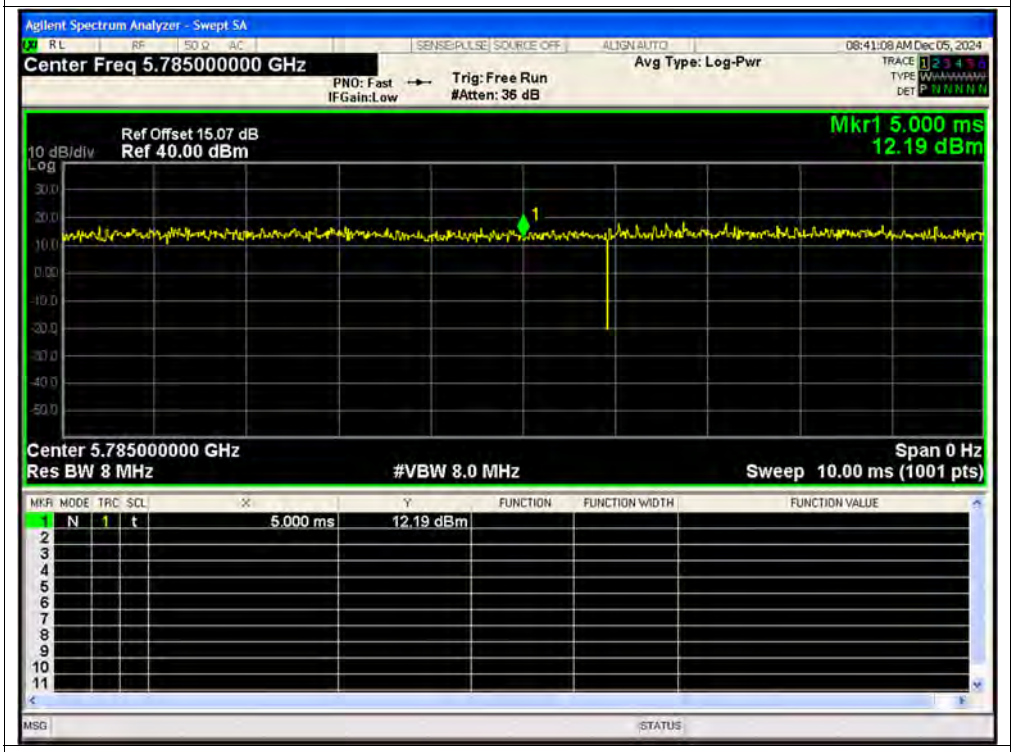
Duty Cycle NVNT ax20 5240MHz Ant1 SISO



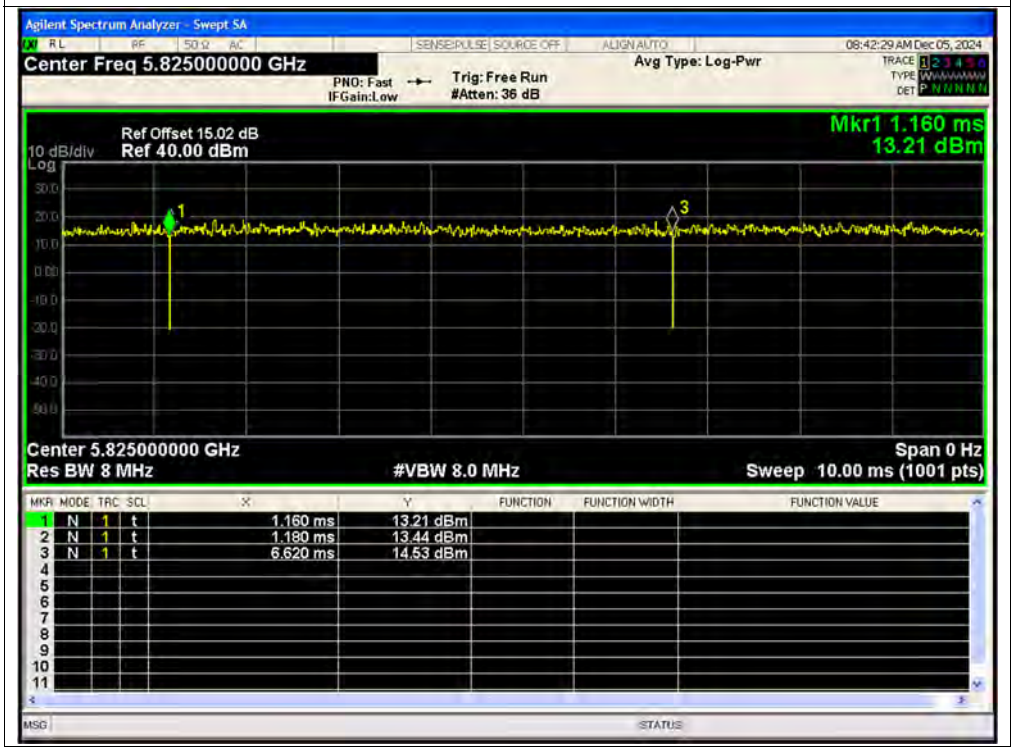
Duty Cycle NVNT ax20 5745MHz Ant1 SISO



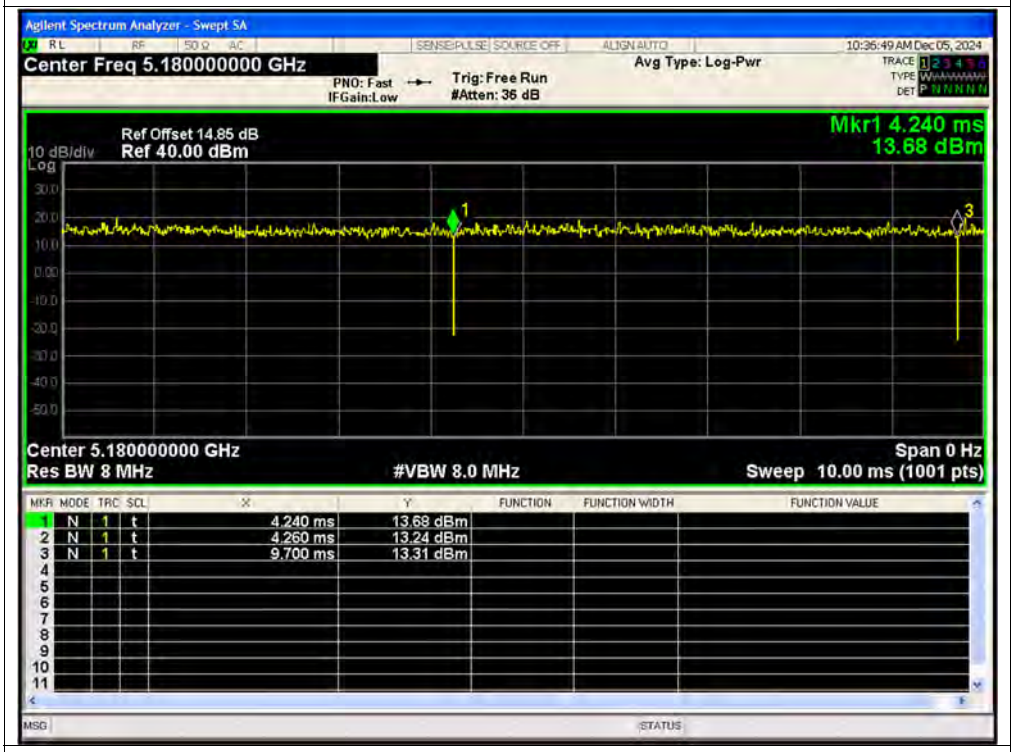
Duty Cycle NVNT ax20 5785MHz Ant1 SISO



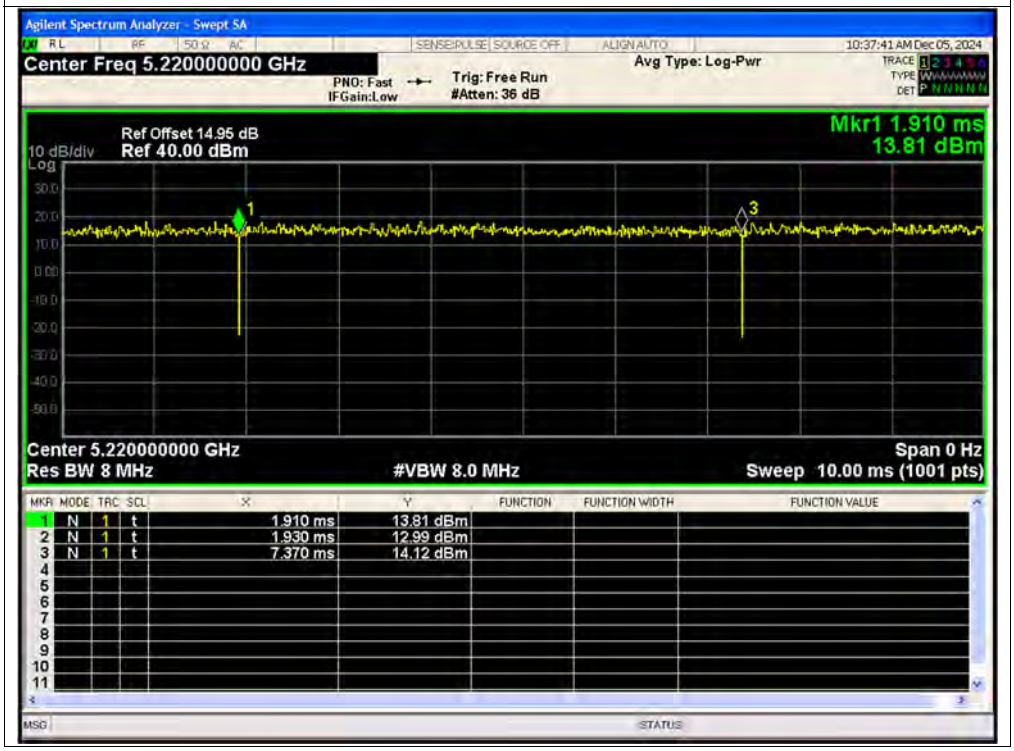
Duty Cycle NVNT ax20 5825MHz Ant1 SISO



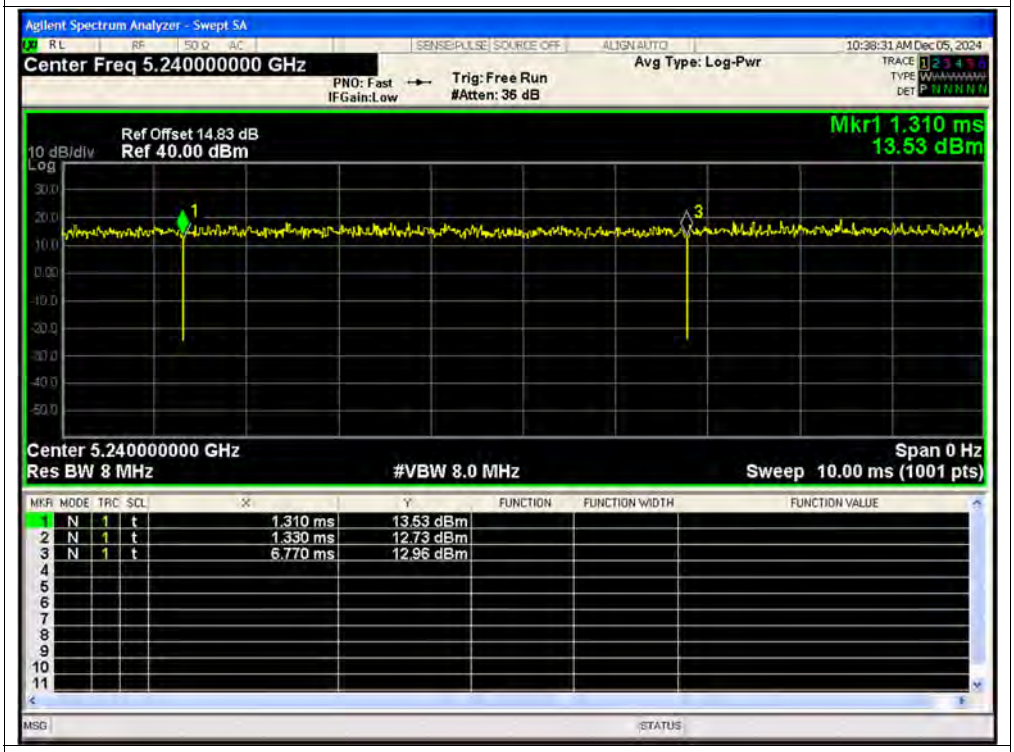
Duty Cycle NVNT ax20 5180MHz Ant2 SISO



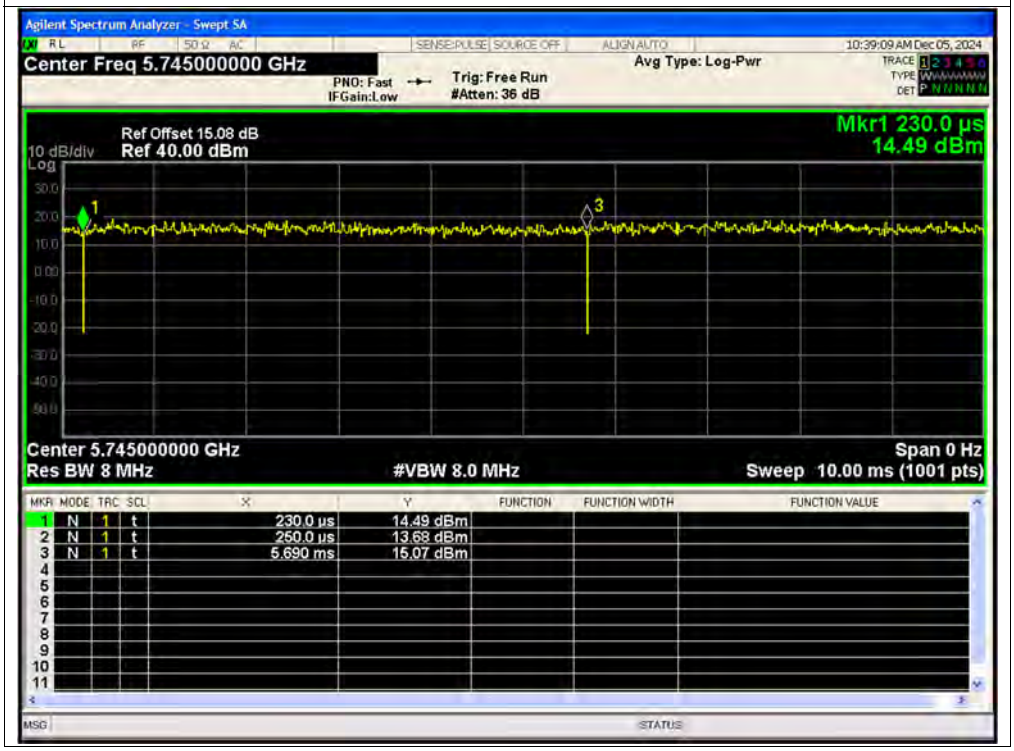
Duty Cycle NVNT ax20 5220MHz Ant2 SISO



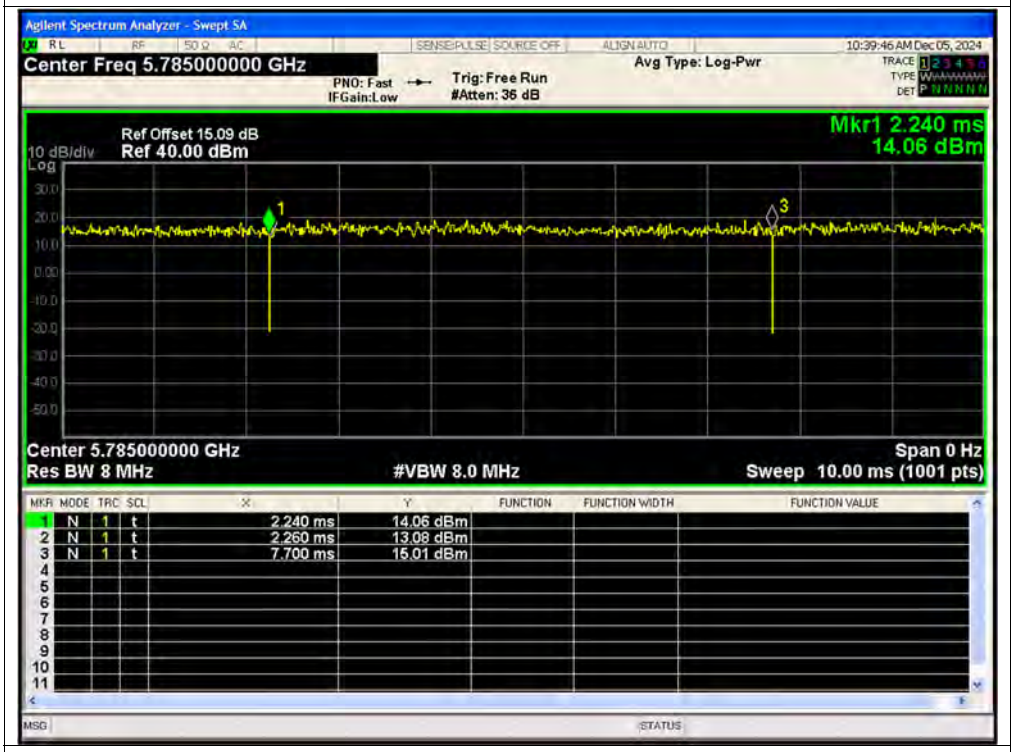
Duty Cycle NVNT ax20 5240MHz Ant2 SISO



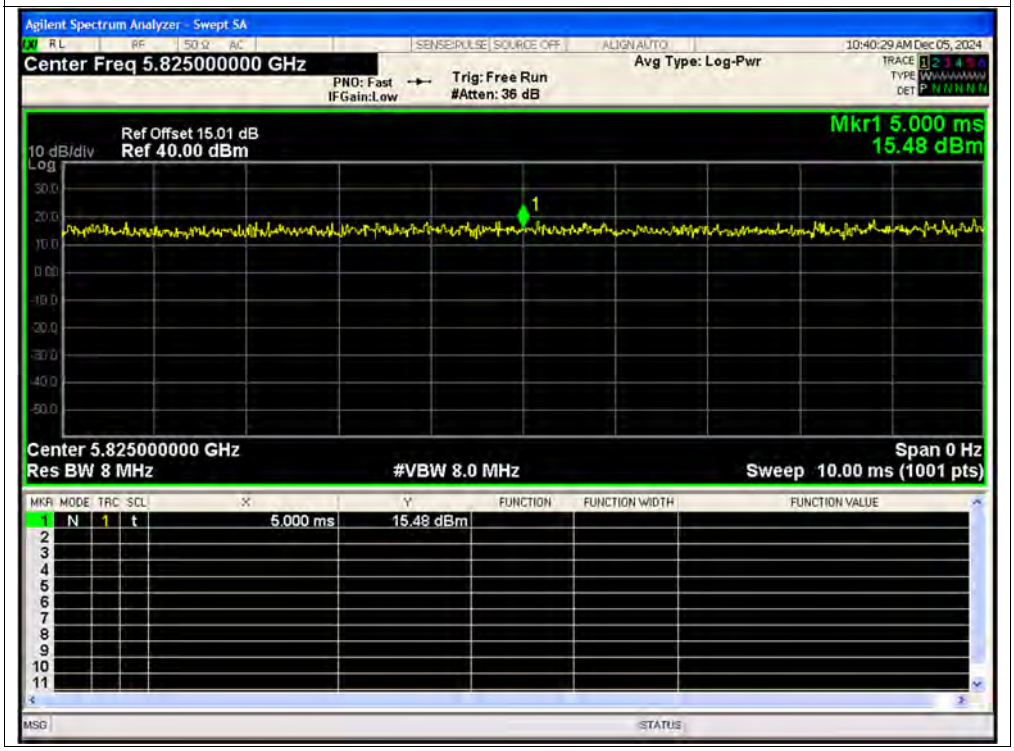
Duty Cycle NVNT ax20 5745MHz Ant2 SISO



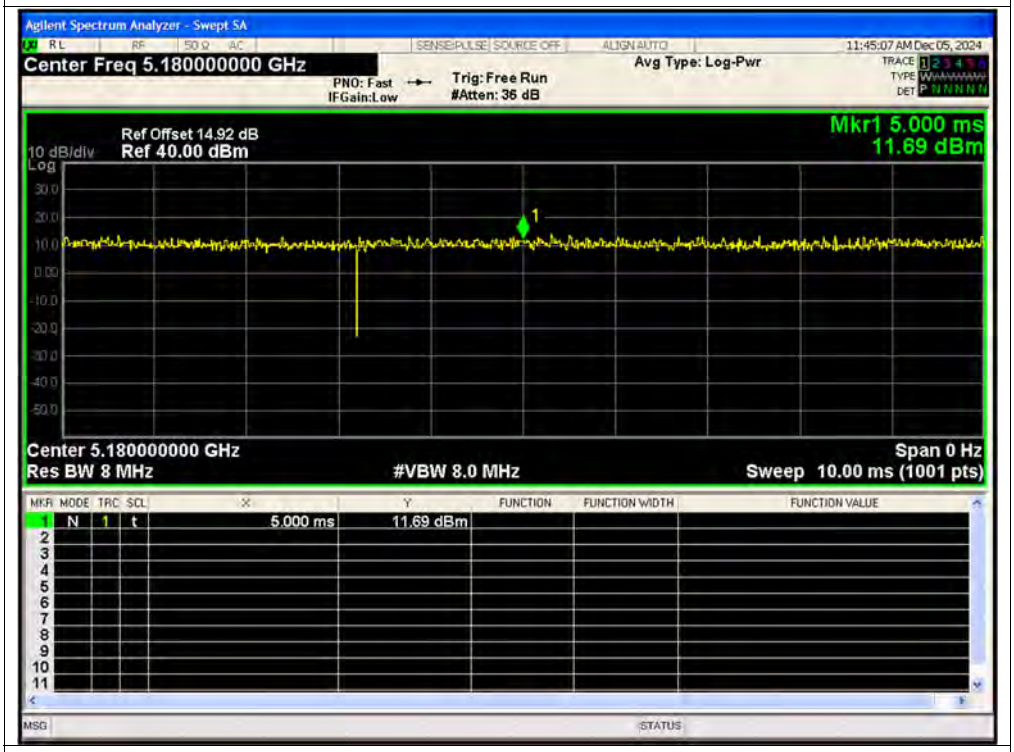
Duty Cycle NVNT ax20 5785MHz Ant2 SISO



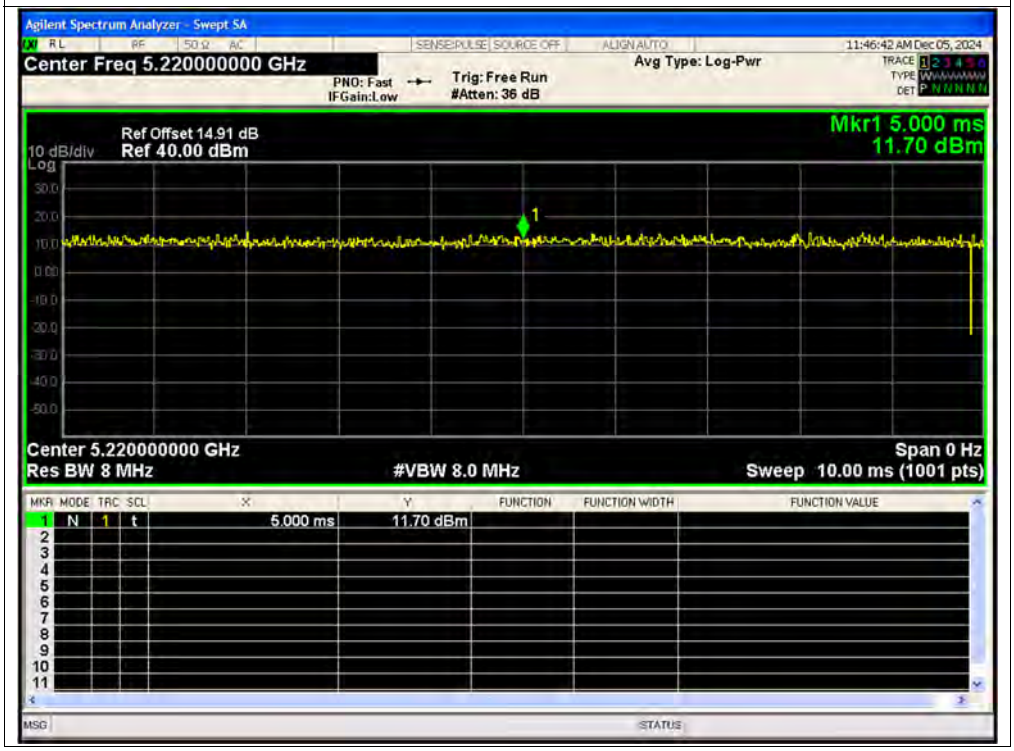
Duty Cycle NVNT ax20 5825MHz Ant2 SISO



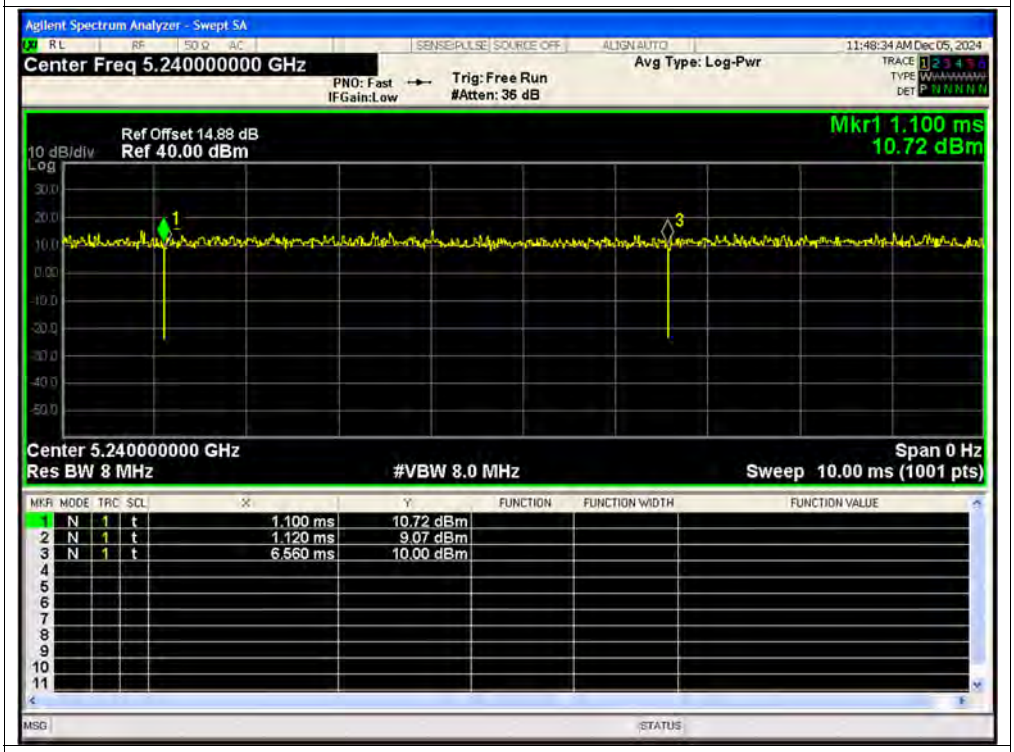
Duty Cycle NVNT ax20 5180MHz Sum MIMO



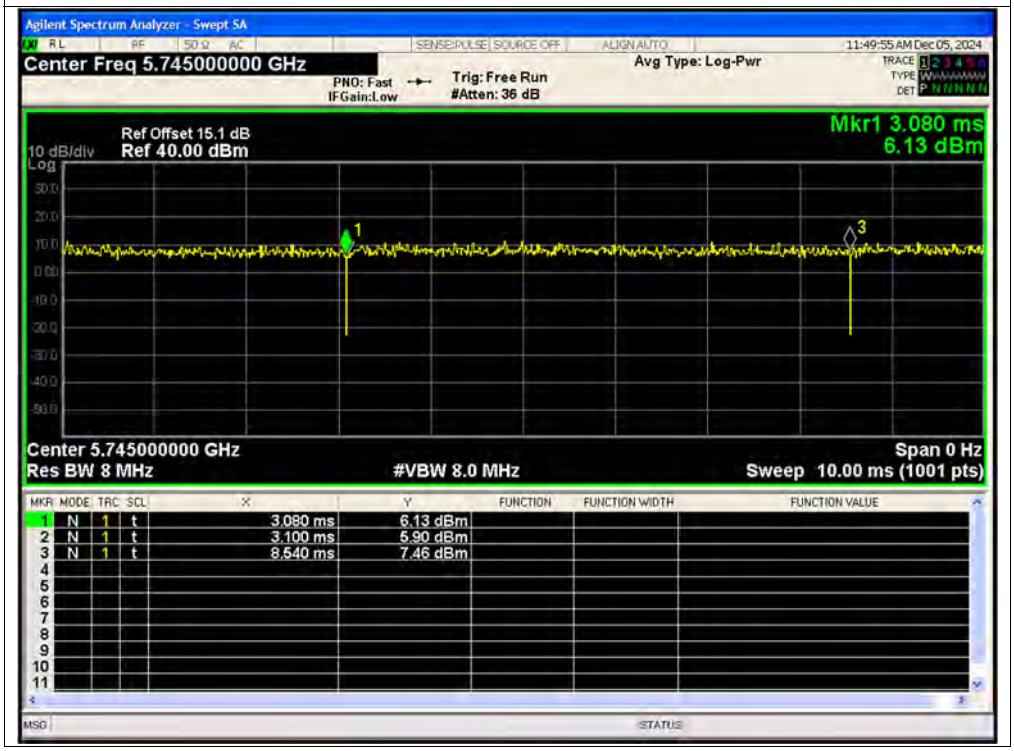
Duty Cycle NVNT ax20 5220MHz Sum MIMO



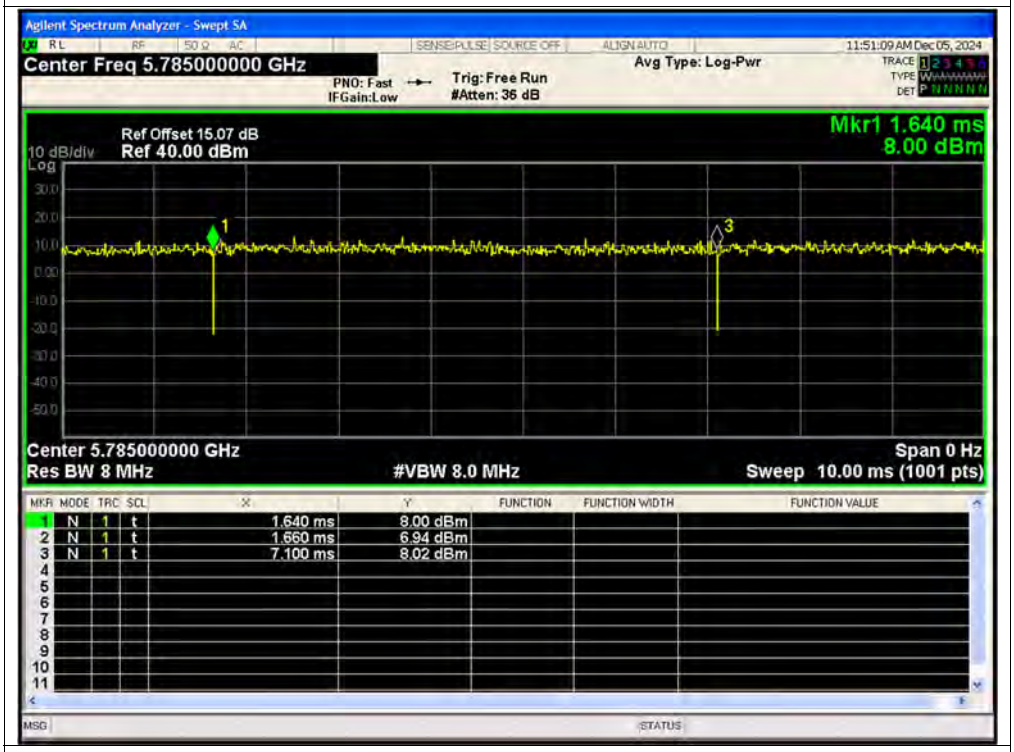
Duty Cycle NVNT ax20 5240MHz Sum MIMO



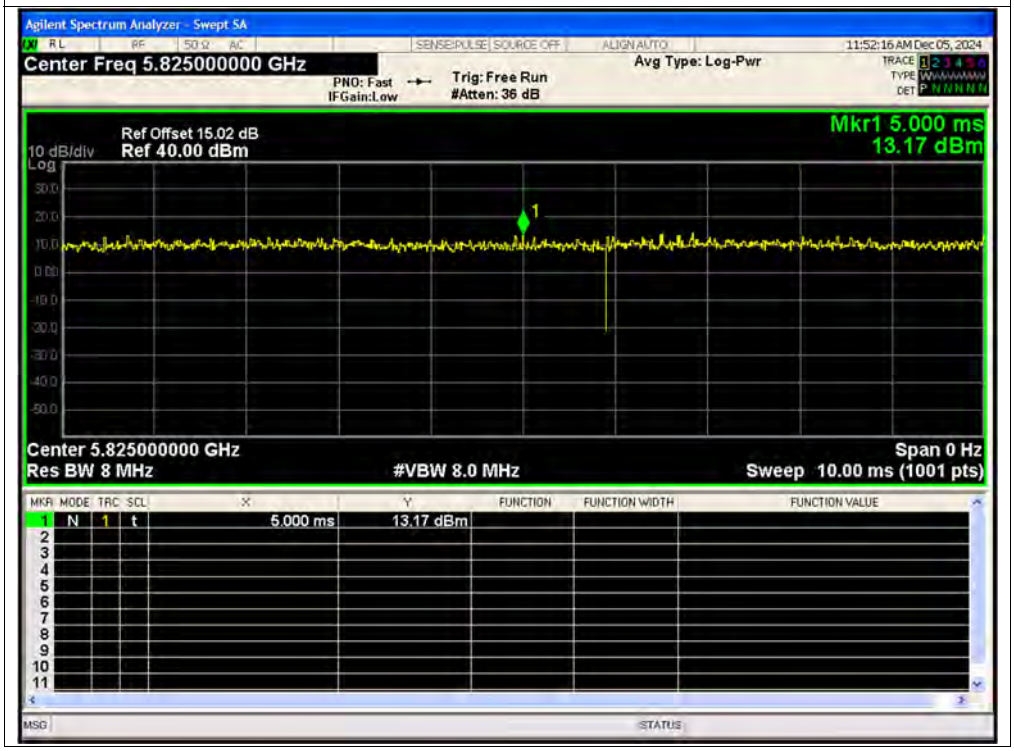
Duty Cycle NVNT ax20 5745MHz Sum MIMO



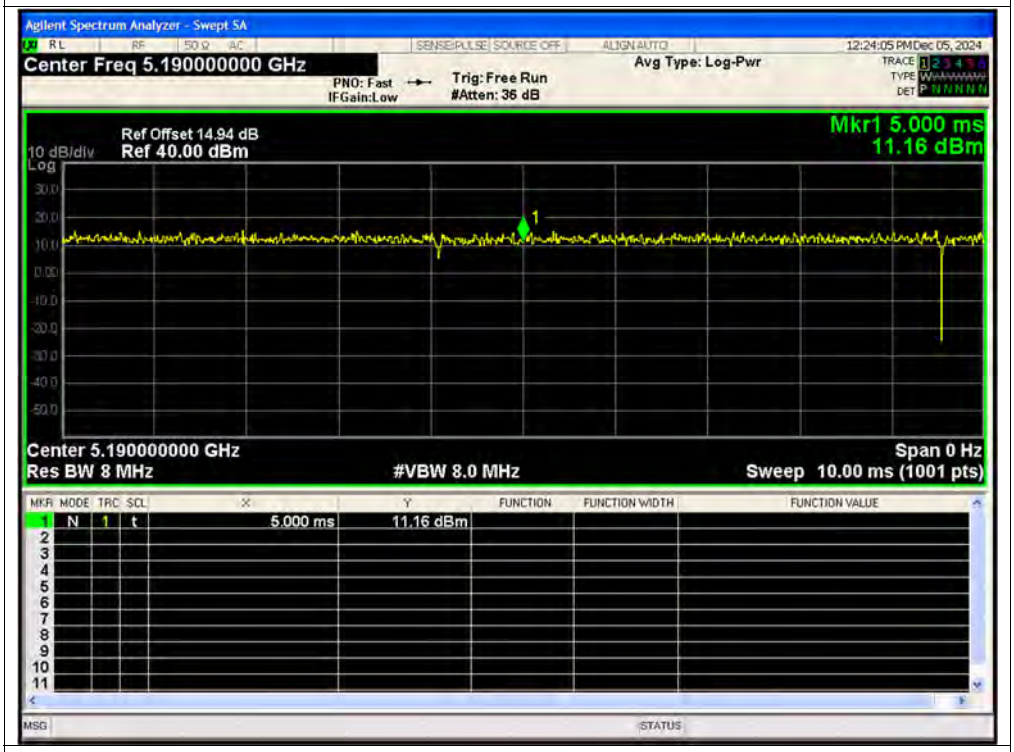
Duty Cycle NVNT ax20 5785MHz Sum MIMO



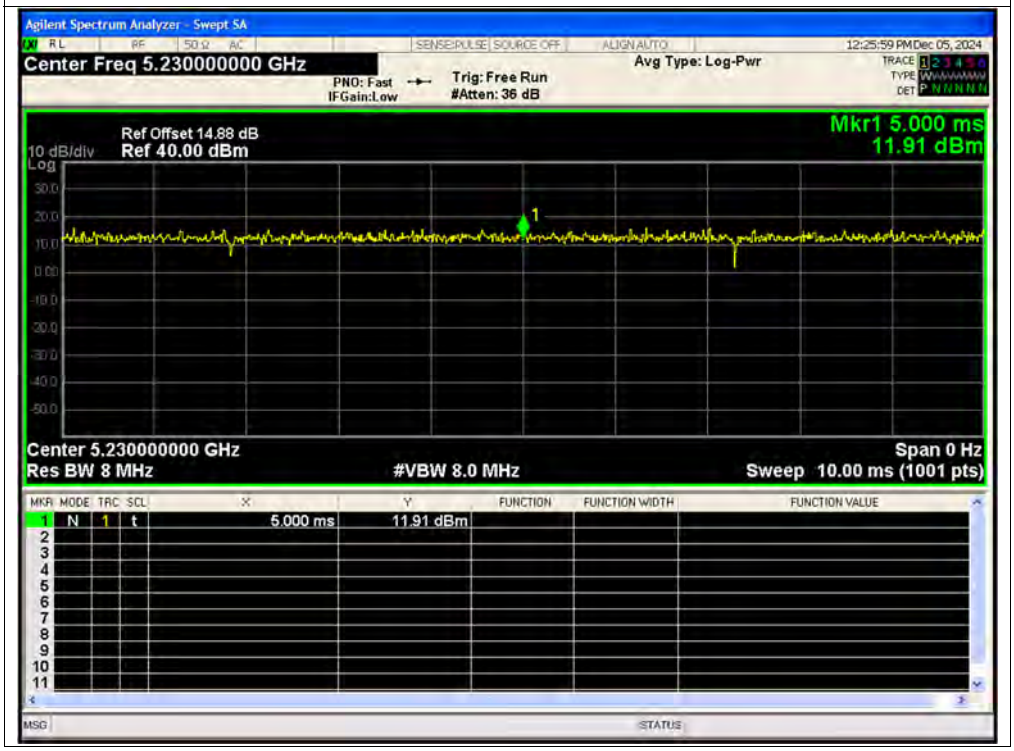
Duty Cycle NVNT ax20 5825MHz Sum MIMO



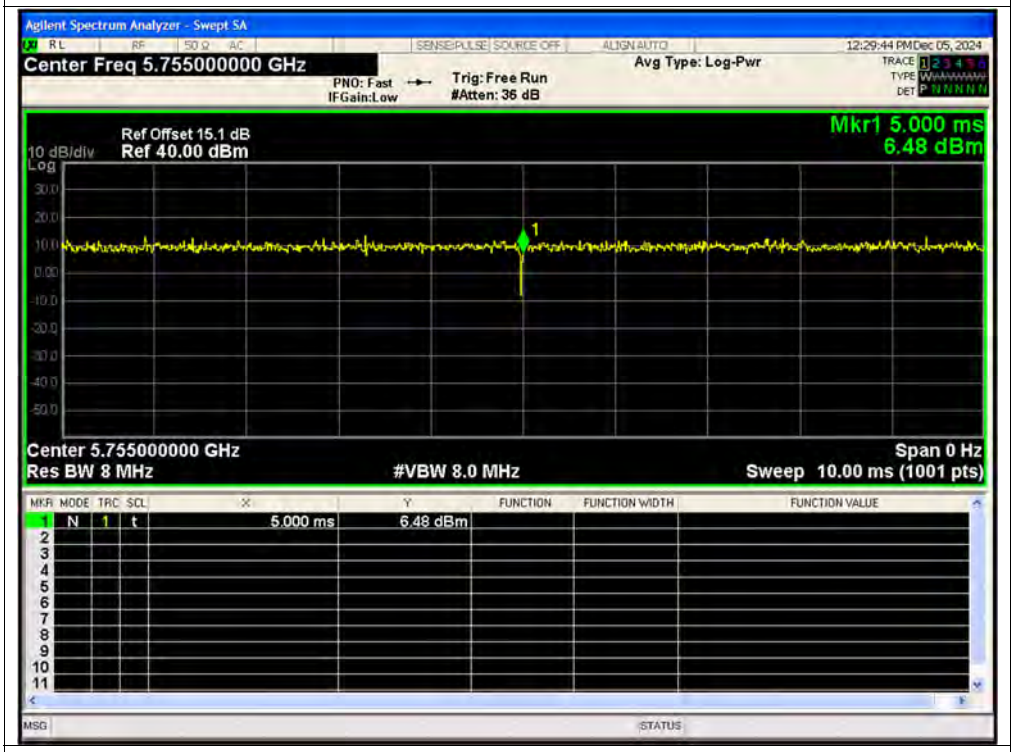
Duty Cycle NVNT ax40 5190MHz Ant1 SISO



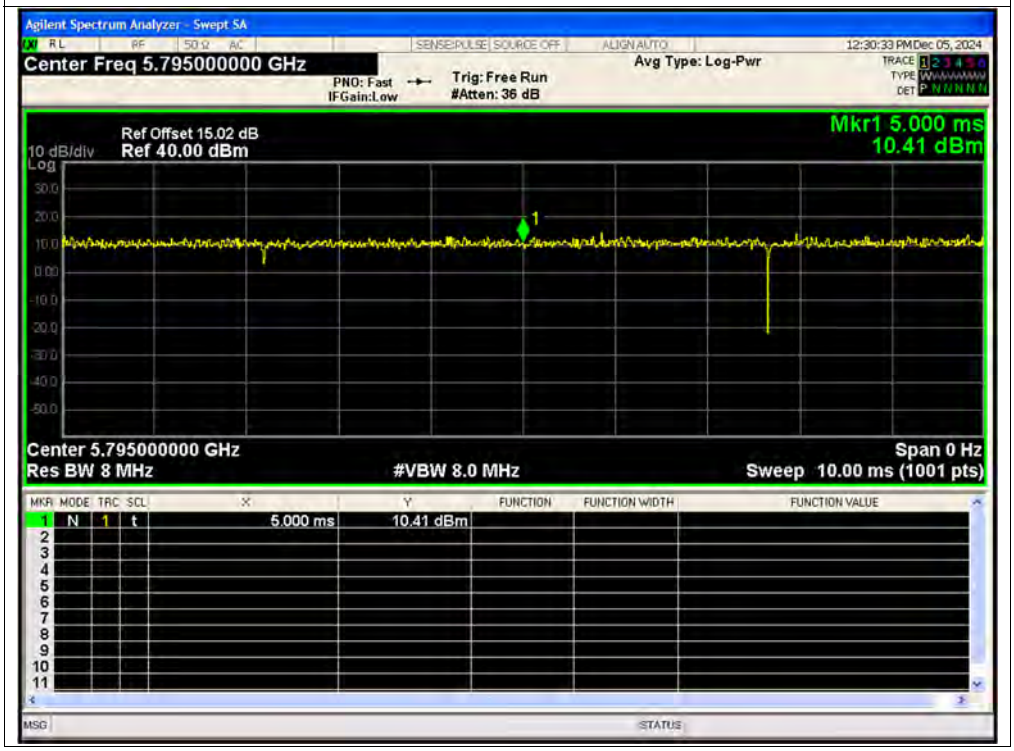
Duty Cycle NVNT ax40 5230MHz Ant1 SISO



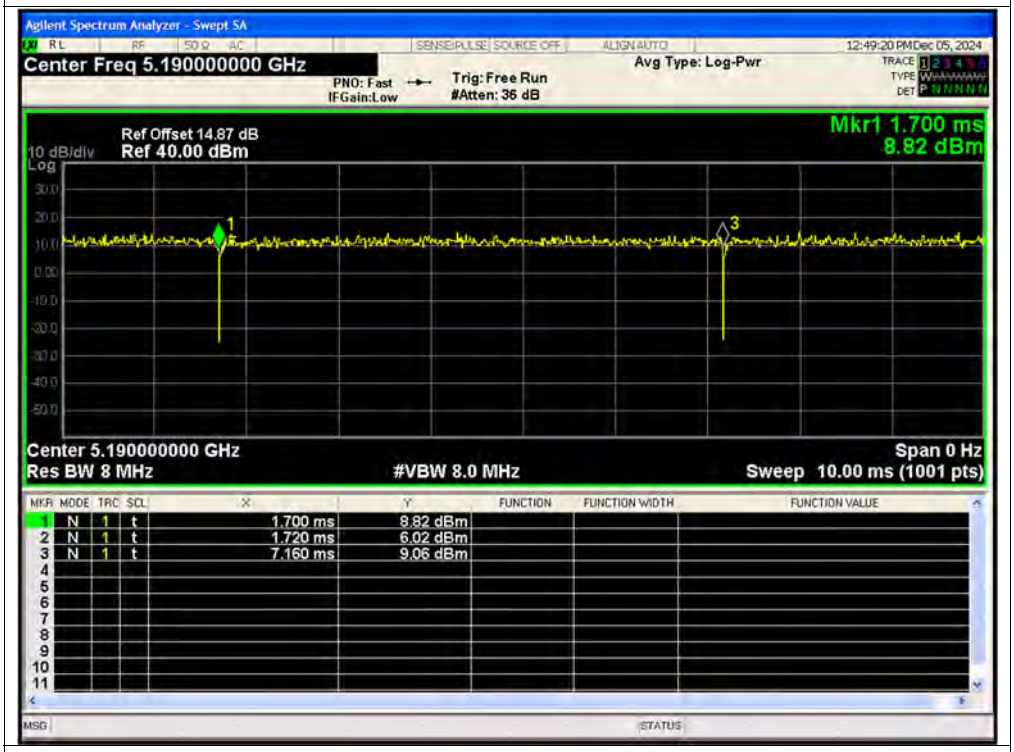
Duty Cycle NVNT ax40 5755MHz Ant1 SISO



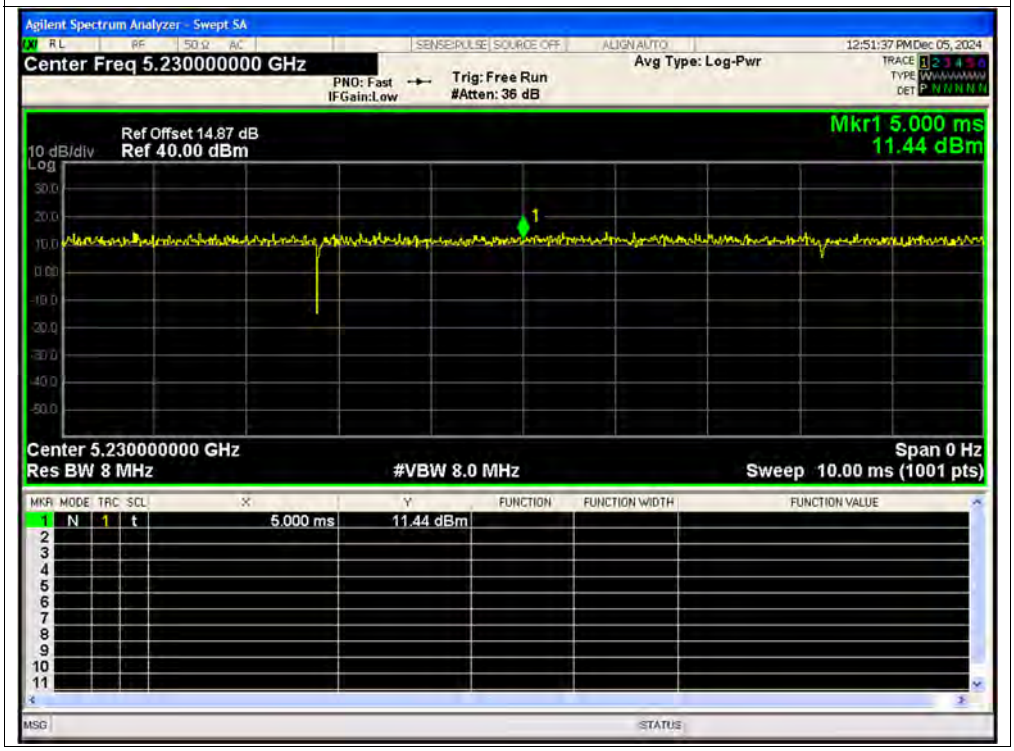
Duty Cycle NVNT ax40 5795MHz Ant1 SISO



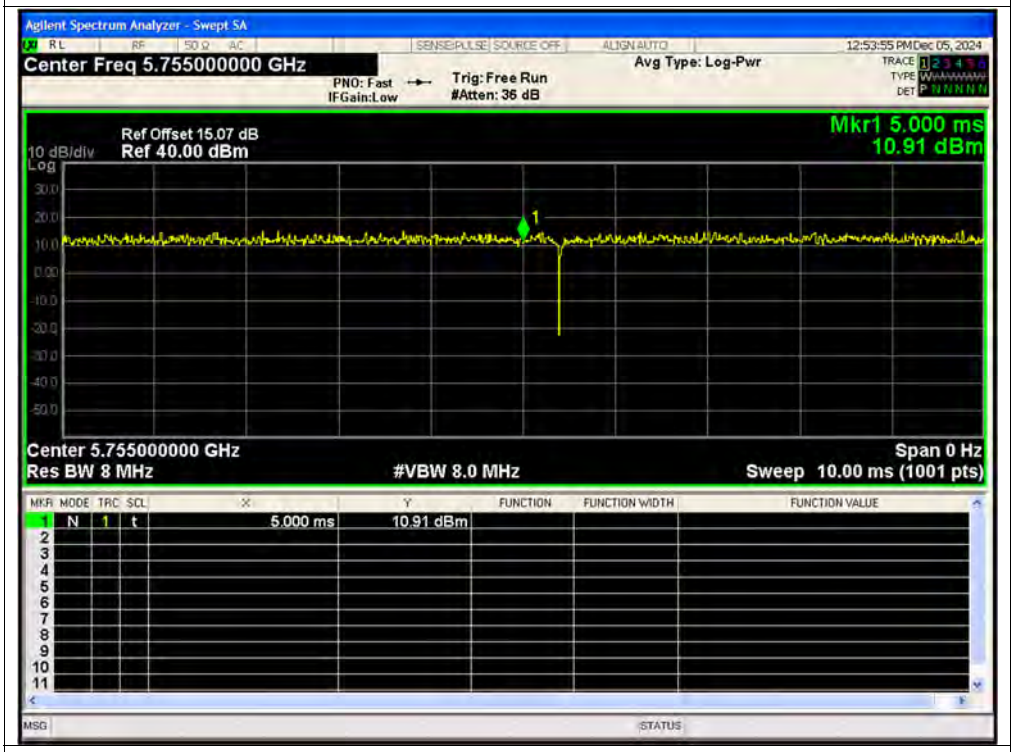
Duty Cycle NVNT ax40 5190MHz Ant2 SISO



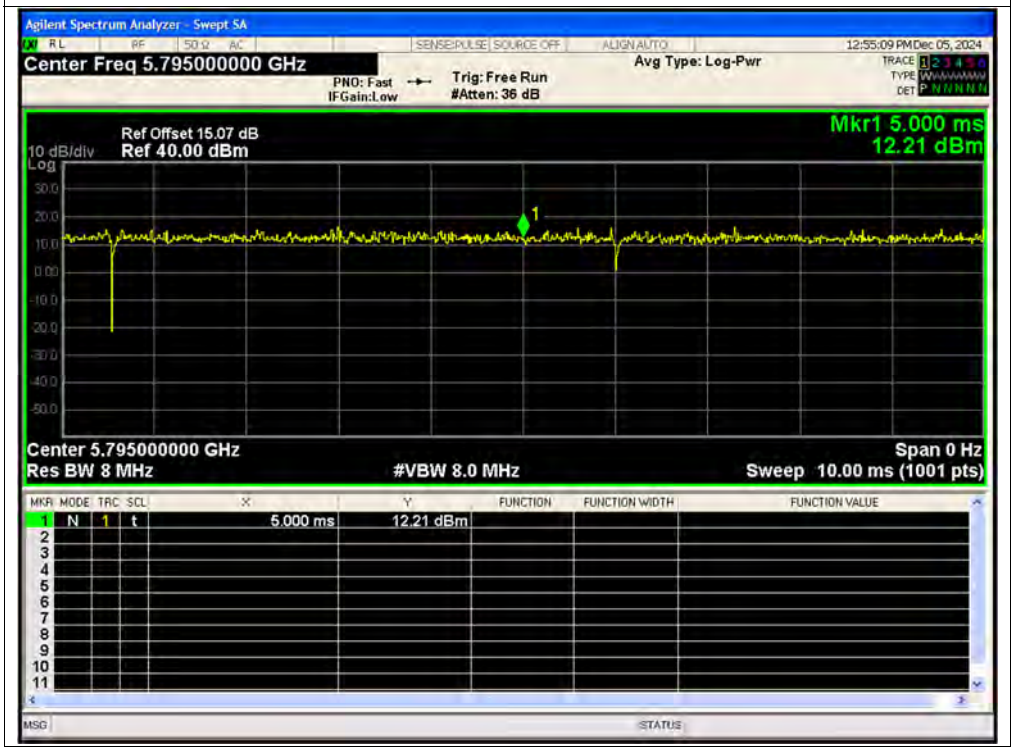
Duty Cycle NVNT ax40 5230MHz Ant2 SISO



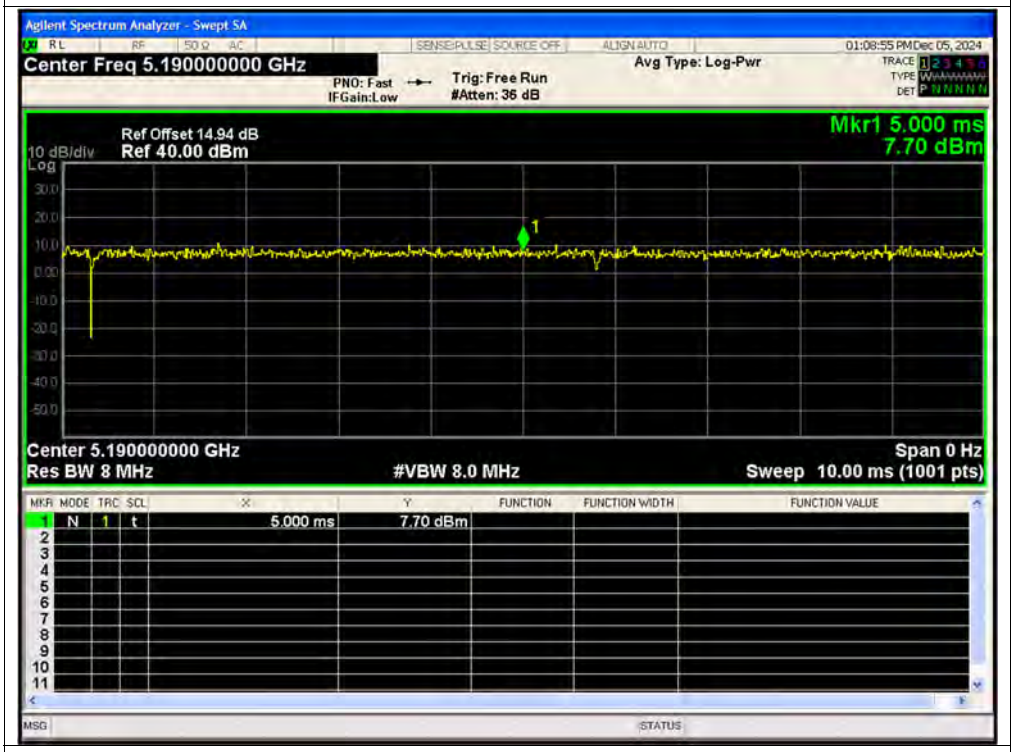
Duty Cycle NVNT ax40 5755MHz Ant2 SISO



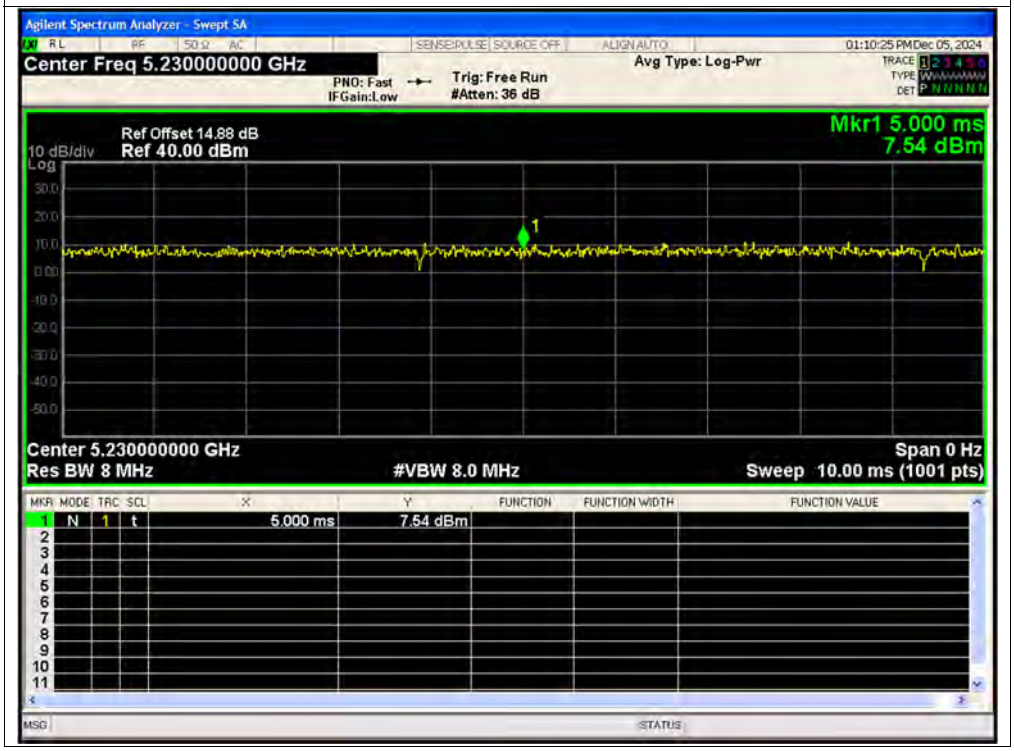
Duty Cycle NVNT ax40 5795MHz Ant2 SISO



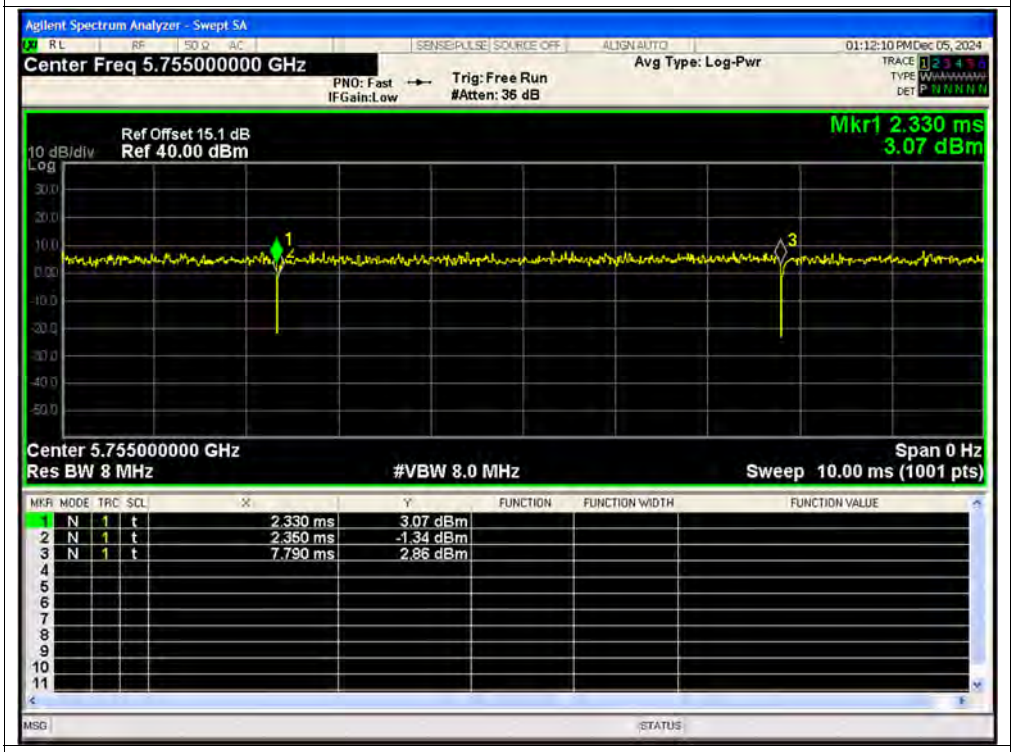
Duty Cycle NVNT ax40 5190MHz Sum MIMO



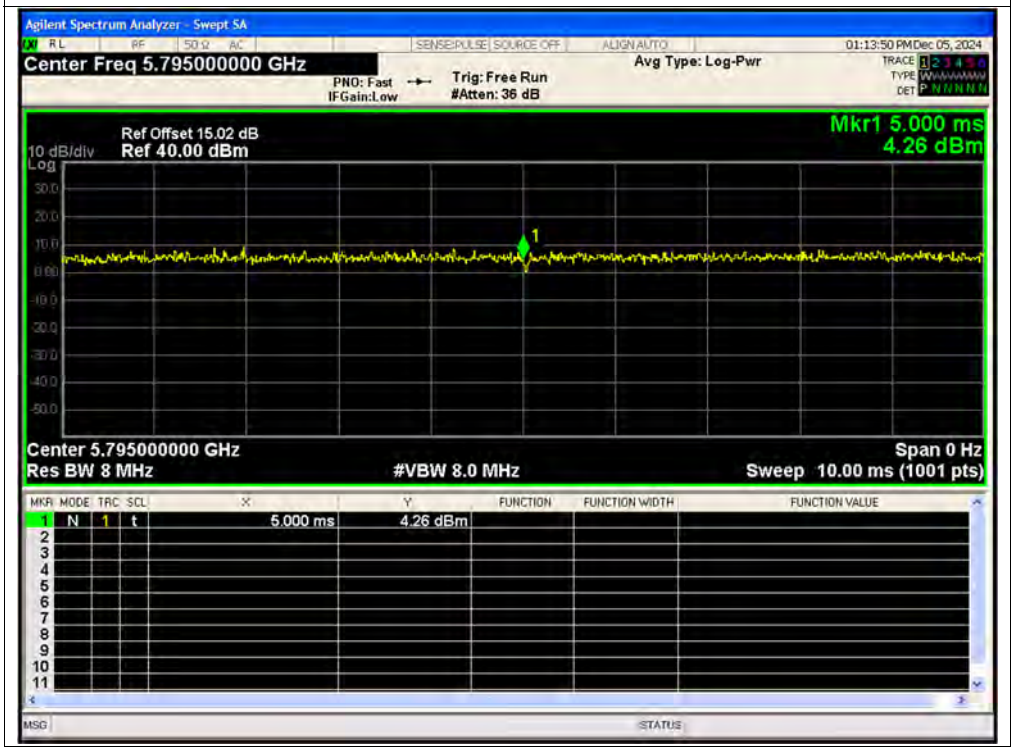
Duty Cycle NVNT ax40 5230MHz Sum MIMO



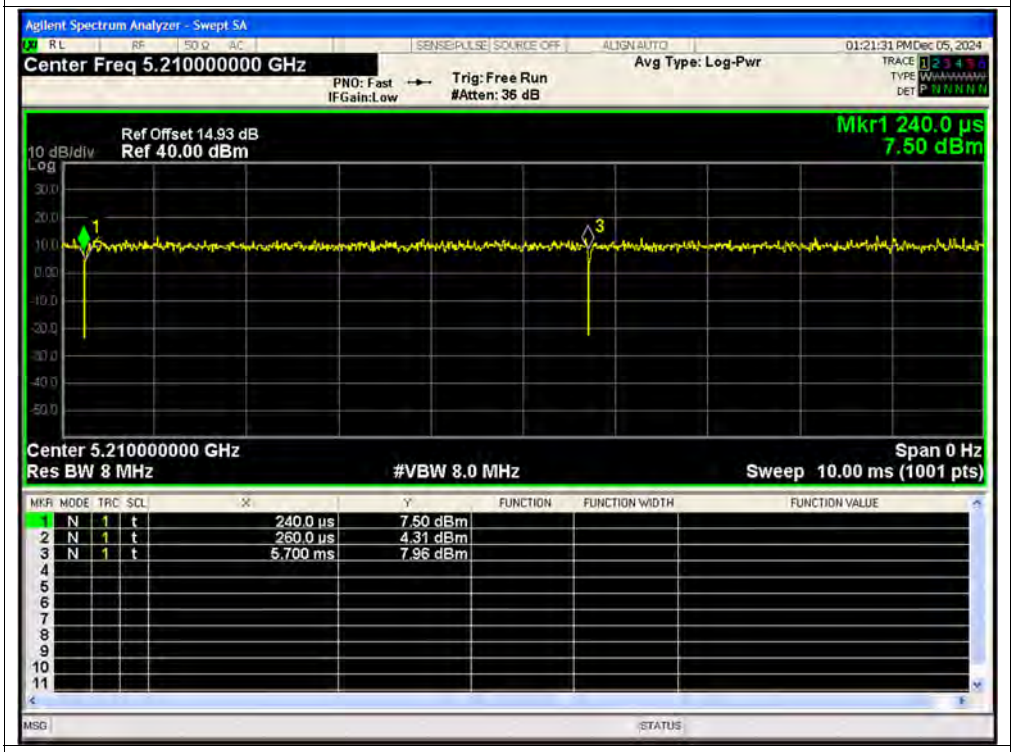
Duty Cycle NVNT ax40 5755MHz Sum MIMO



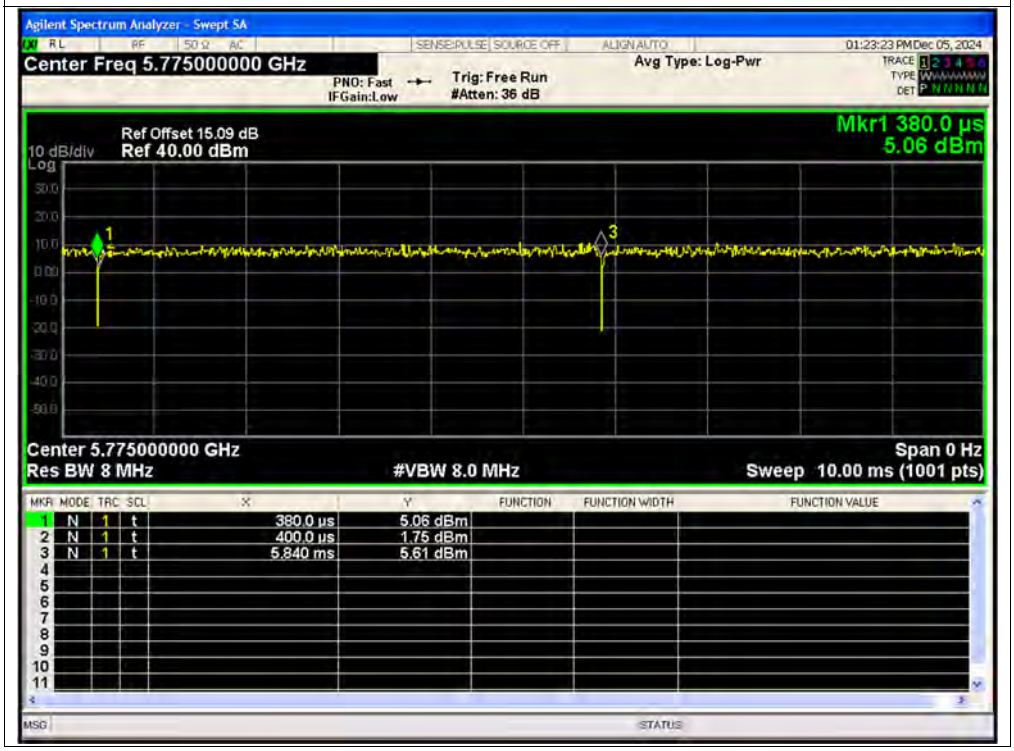
Duty Cycle NVNT ax40 5795MHz Sum MIMO



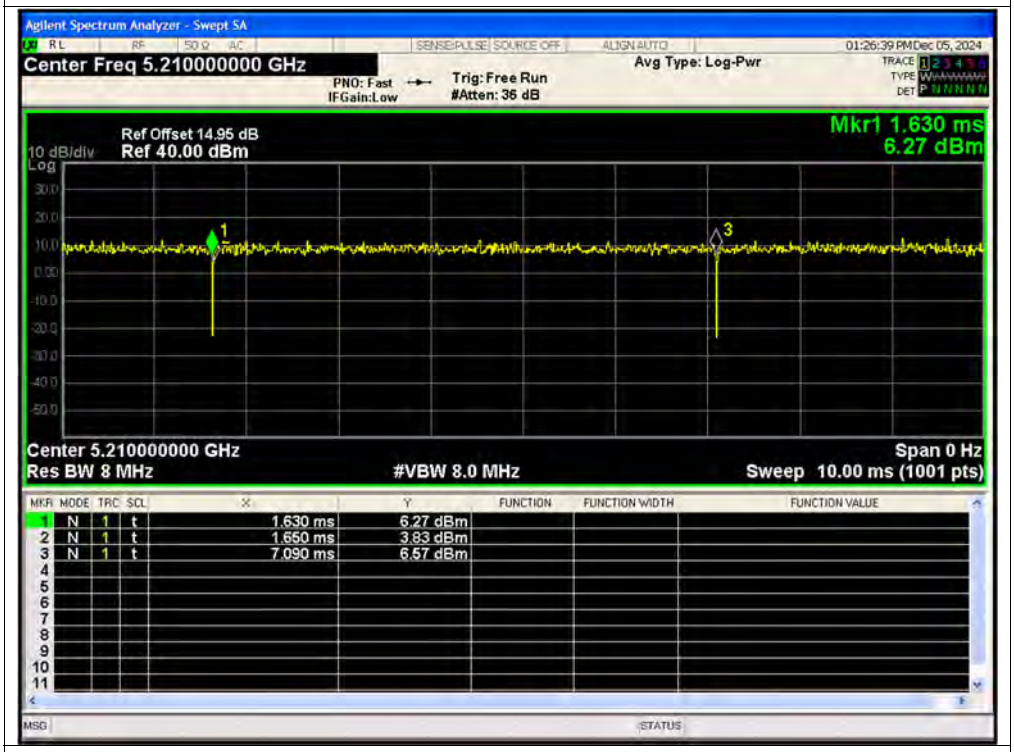
Duty Cycle NVNT ax80 5210MHz Ant1 SISO



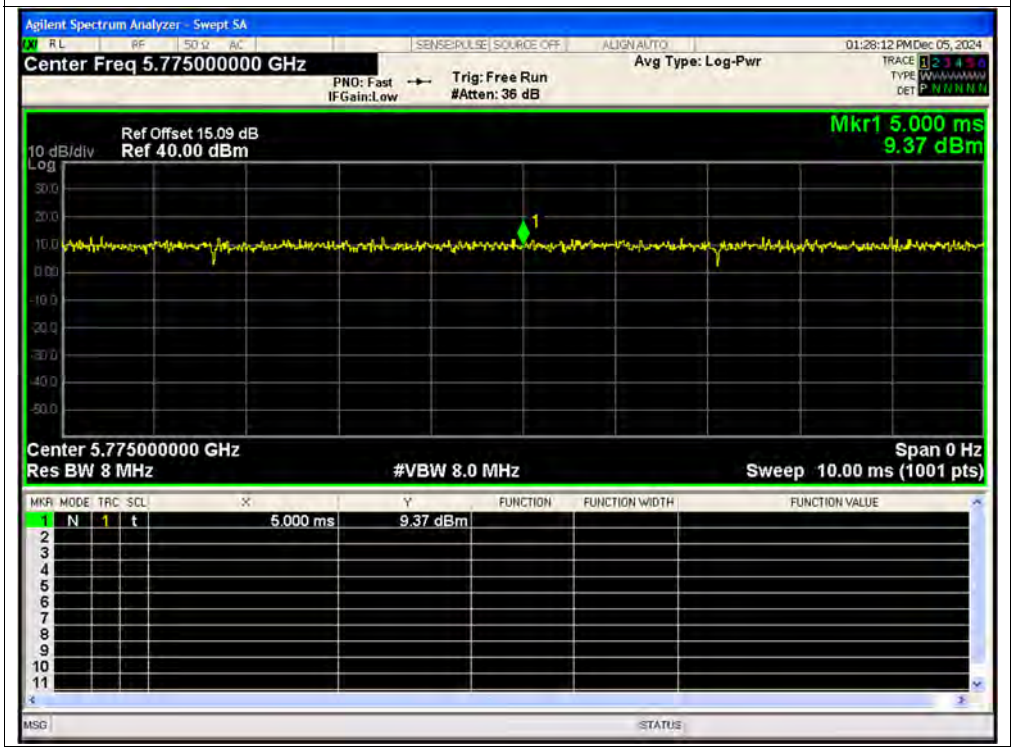
Duty Cycle NVNT ax80 5775MHz Ant1 SISO



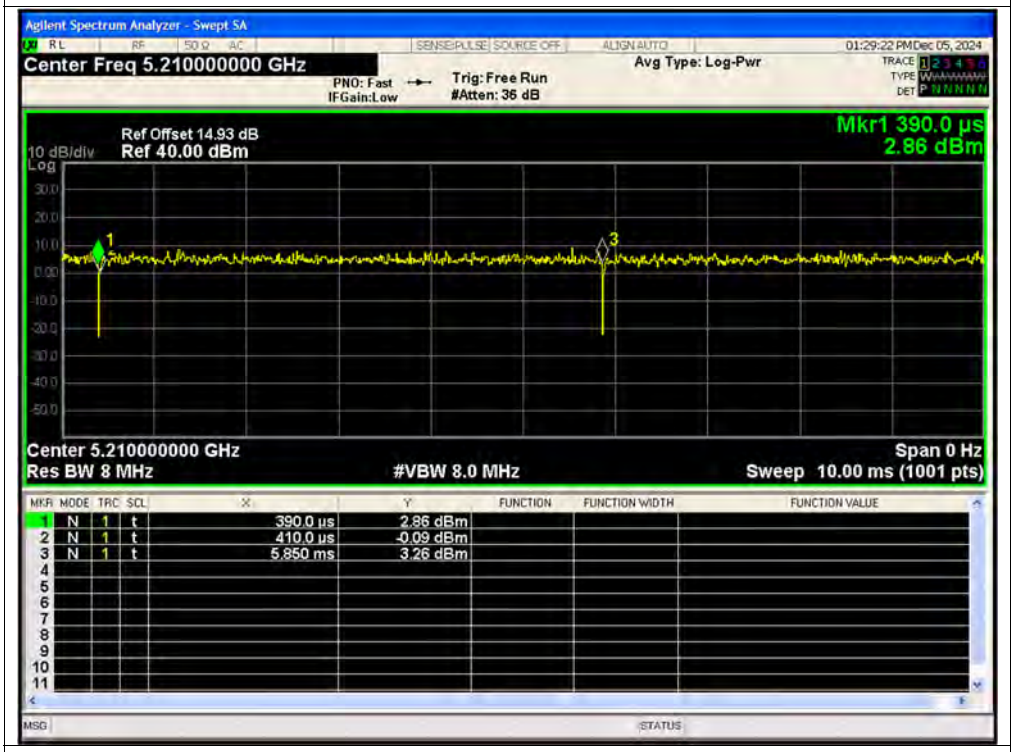
Duty Cycle NVNT ax80 5210MHz Ant2 SISO



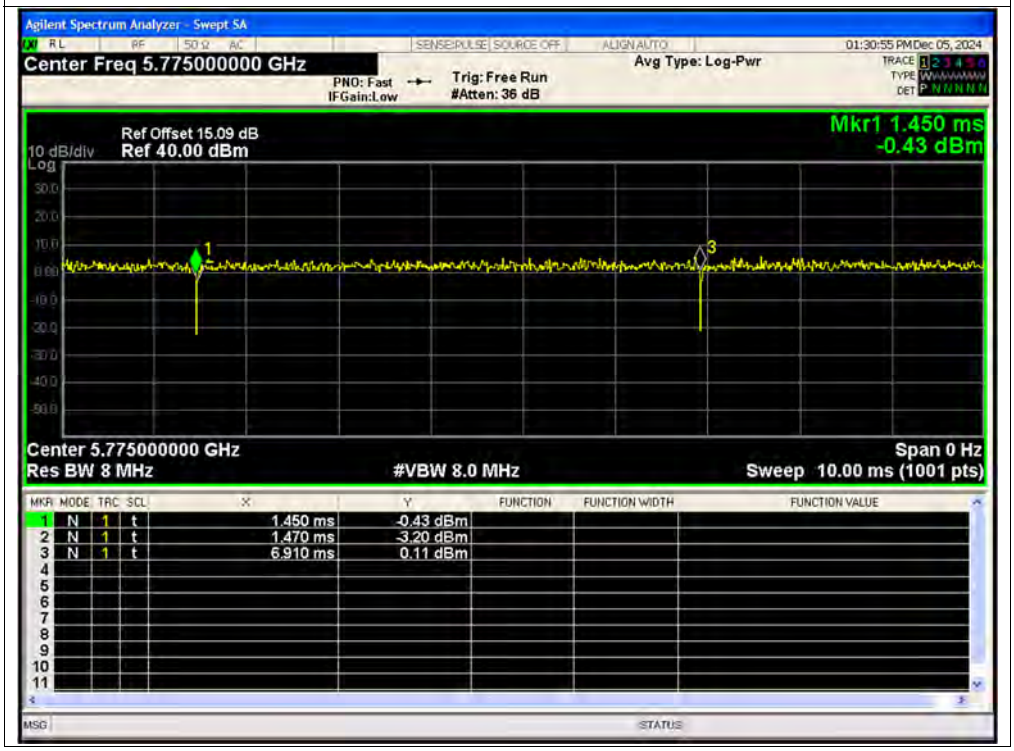
Duty Cycle NVNT ax80 5775MHz Ant2 SISO



Duty Cycle NVNT ax80 5210MHz Sum MIMO



Duty Cycle NVNT ax80 5775MHz Sum MIMO



A.2. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Total Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted (dBm)	Verdict
NVNT	a SISO	5180	Ant1	14.54	0.02844	30	Pass
NVNT	a SISO	5220	Ant1	15.18	0.03296	30	Pass
NVNT	a SISO	5240	Ant1	15.19	0.03304	30	Pass
NVNT	a SISO	5745	Ant1	12.14	0.01637	30	Pass
NVNT	a SISO	5785	Ant1	13.36	0.02168	30	Pass
NVNT	a SISO	5825	Ant1	14.21	0.02636	30	Pass
NVNT	a SISO	5180	Ant2	15.73	0.03741	30	Pass
NVNT	a SISO	5220	Ant2	15.96	0.03945	30	Pass
NVNT	a SISO	5240	Ant2	15.6	0.03631	30	Pass
NVNT	a SISO	5745	Ant2	16.54	0.04508	30	Pass
NVNT	a SISO	5785	Ant2	16.58	0.0455	30	Pass
NVNT	a SISO	5825	Ant2	15.94	0.03926	30	Pass
NVNT	n20 SISO	5180	Ant1	14.41	0.02761	30	Pass
NVNT	n20 SISO	5220	Ant1	15.08	0.03221	30	Pass
NVNT	n20 SISO	5240	Ant1	15	0.03162	30	Pass
NVNT	n20 SISO	5745	Ant1	12.07	0.01611	30	Pass
NVNT	n20 SISO	5785	Ant1	13.24	0.02109	30	Pass
NVNT	n20 SISO	5825	Ant1	14.08	0.02559	30	Pass
NVNT	n20 SISO	5180	Ant2	14.18	0.02618	30	Pass
NVNT	n20 SISO	5220	Ant2	14.22	0.02642	30	Pass
NVNT	n20 SISO	5240	Ant2	13.72	0.02355	30	Pass
NVNT	n20 SISO	5745	Ant2	14.63	0.02904	30	Pass
NVNT	n20 SISO	5785	Ant2	14.65	0.02917	30	Pass
NVNT	n20 SISO	5825	Ant2	14.04	0.02535	30	Pass
NVNT	n20 MIMO	5180	Ant1	10.01	0.01002	30	Pass
NVNT	n20 MIMO	5180	Ant2	12.11	0.01626	30	Pass
NVNT	n20 MIMO	5180	Sum	14.2	0.02628	29.55	Pass
NVNT	n20 MIMO	5220	Ant1	10.08	0.01019	30	Pass
NVNT	n20 MIMO	5220	Ant2	12.12	0.01629	30	Pass
NVNT	n20 MIMO	5220	Sum	14.23	0.02648	29.55	Pass
NVNT	n20 MIMO	5240	Ant1	10.07	0.01016	30	Pass
NVNT	n20 MIMO	5240	Ant2	11.6	0.01445	30	Pass
NVNT	n20 MIMO	5240	Sum	13.91	0.02462	29.55	Pass

NVNT	n20 MIMO	5745	Ant1	6.97	0.00498	30	Pass
NVNT	n20 MIMO	5745	Ant2	12.87	0.01936	30	Pass
NVNT	n20 MIMO	5745	Sum	13.86	0.02434	29.55	Pass
NVNT	n20 MIMO	5785	Ant1	7.82	0.00605	30	Pass
NVNT	n20 MIMO	5785	Ant2	12.79	0.01901	30	Pass
NVNT	n20 MIMO	5785	Sum	13.99	0.02506	29.55	Pass
NVNT	n20 MIMO	5825	Ant1	8.95	0.00785	30	Pass
NVNT	n20 MIMO	5825	Ant2	12.22	0.01667	30	Pass
NVNT	n20 MIMO	5825	Sum	13.9	0.02452	29.55	Pass
NVNT	n40 SISO	5190	Ant1	14.62	0.02897	30	Pass
NVNT	n40 SISO	5230	Ant1	15.12	0.03251	30	Pass
NVNT	n40 SISO	5755	Ant1	12.57	0.01807	30	Pass
NVNT	n40 SISO	5795	Ant1	13.53	0.02254	30	Pass
NVNT	n40 SISO	5190	Ant2	14.31	0.02698	30	Pass
NVNT	n40 SISO	5230	Ant2	13.93	0.02472	30	Pass
NVNT	n40 SISO	5755	Ant2	14.75	0.02985	30	Pass
NVNT	n40 SISO	5795	Ant2	14.55	0.02851	30	Pass
NVNT	n40 MIMO	5190	Ant1	10.18	0.01042	30	Pass
NVNT	n40 MIMO	5190	Ant2	12.1	0.01622	30	Pass
NVNT	n40 MIMO	5190	Sum	14.26	0.02664	29.55	Pass
NVNT	n40 MIMO	5230	Ant1	10.2	0.01047	30	Pass
NVNT	n40 MIMO	5230	Ant2	11.94	0.01563	30	Pass
NVNT	n40 MIMO	5230	Sum	14.17	0.0261	29.55	Pass
NVNT	n40 MIMO	5755	Ant1	7.52	0.00565	30	Pass
NVNT	n40 MIMO	5755	Ant2	12.93	0.01963	30	Pass
NVNT	n40 MIMO	5755	Sum	14.03	0.02528	29.55	Pass
NVNT	n40 MIMO	5795	Ant1	8.07	0.00641	30	Pass
NVNT	n40 MIMO	5795	Ant2	12.74	0.01879	30	Pass
NVNT	n40 MIMO	5795	Sum	14.02	0.02521	29.55	Pass
NVNT	ac20 SISO	5180	Ant1	12.75	0.01884	30	Pass
NVNT	ac20 SISO	5220	Ant1	13.15	0.02065	30	Pass
NVNT	ac20 SISO	5240	Ant1	13.14	0.02061	30	Pass
NVNT	ac20 SISO	5745	Ant1	9.86	0.00968	30	Pass
NVNT	ac20 SISO	5785	Ant1	11.22	0.01324	30	Pass
NVNT	ac20 SISO	5825	Ant1	11.97	0.01574	30	Pass
NVNT	ac20 SISO	5180	Ant2	12.24	0.01675	30	Pass
NVNT	ac20 SISO	5220	Ant2	12.32	0.01706	30	Pass
NVNT	ac20 SISO	5240	Ant2	11.81	0.01517	30	Pass

NVNT	ac20 SISO	5745	Ant2	12.89	0.01945	30	Pass
NVNT	ac20 SISO	5785	Ant2	13	0.01995	30	Pass
NVNT	ac20 SISO	5825	Ant2	12.36	0.01722	30	Pass
NVNT	ac20 MIMO	5180	Ant1	7.74	0.00594	30	Pass
NVNT	ac20 MIMO	5180	Ant2	9.91	0.00979	30	Pass
NVNT	ac20 MIMO	5180	Sum	11.97	0.01574	30	Pass
NVNT	ac20 MIMO	5220	Ant1	8.34	0.00682	30	Pass
NVNT	ac20 MIMO	5220	Ant2	9.97	0.00993	30	Pass
NVNT	ac20 MIMO	5220	Sum	12.24	0.01675	29.55	Pass
NVNT	ac20 MIMO	5240	Ant1	8.32	0.00679	30	Pass
NVNT	ac20 MIMO	5240	Ant2	9.7	0.00933	30	Pass
NVNT	ac20 MIMO	5240	Sum	12.07	0.01612	29.55	Pass
NVNT	ac20 MIMO	5745	Ant1	5	0.00316	30	Pass
NVNT	ac20 MIMO	5745	Ant2	10.83	0.01211	30	Pass
NVNT	ac20 MIMO	5745	Sum	11.84	0.01527	29.55	Pass
NVNT	ac20 MIMO	5785	Ant1	6.2	0.00417	30	Pass
NVNT	ac20 MIMO	5785	Ant2	10.9	0.0123	30	Pass
NVNT	ac20 MIMO	5785	Sum	12.17	0.01647	29.55	Pass
NVNT	ac20 MIMO	5825	Ant1	6.91	0.00491	30	Pass
NVNT	ac20 MIMO	5825	Ant2	10.18	0.01042	30	Pass
NVNT	ac20 MIMO	5825	Sum	11.86	0.01533	29.55	Pass
NVNT	ac40 SISO	5190	Ant1	12.77	0.01892	30	Pass
NVNT	ac40 SISO	5230	Ant1	13.24	0.02109	30	Pass
NVNT	ac40 SISO	5755	Ant1	10.34	0.01081	30	Pass
NVNT	ac40 SISO	5795	Ant1	11.52	0.01419	30	Pass
NVNT	ac40 SISO	5190	Ant2	12.43	0.0175	30	Pass
NVNT	ac40 SISO	5230	Ant2	12.12	0.01629	30	Pass
NVNT	ac40 SISO	5755	Ant2	13.04	0.02014	30	Pass
NVNT	ac40 SISO	5795	Ant2	12.92	0.01959	30	Pass
NVNT	ac40 MIMO	5190	Ant1	7.97	0.00627	30	Pass
NVNT	ac40 MIMO	5190	Ant2	9.87	0.00971	30	Pass
NVNT	ac40 MIMO	5190	Sum	12.03	0.01597	29.55	Pass
NVNT	ac40 MIMO	5230	Ant1	8.43	0.00697	30	Pass
NVNT	ac40 MIMO	5230	Ant2	9.8	0.00955	30	Pass
NVNT	ac40 MIMO	5230	Sum	12.18	0.01652	29.55	Pass
NVNT	ac40 MIMO	5755	Ant1	5.54	0.00358	30	Pass
NVNT	ac40 MIMO	5755	Ant2	10.97	0.0125	30	Pass
NVNT	ac40 MIMO	5755	Sum	12.06	0.01608	29.55	Pass

NVNT	ac40 MIMO	5795	Ant1	6.44	0.00441	30	Pass
NVNT	ac40 MIMO	5795	Ant2	10.56	0.01138	30	Pass
NVNT	ac40 MIMO	5795	Sum	11.98	0.01578	29.55	Pass
NVNT	ac80 SISO	5210	Ant1	13.05	0.02018	30	Pass
NVNT	ac80 SISO	5775	Ant1	11.18	0.01312	30	Pass
NVNT	ac80 SISO	5210	Ant2	12.29	0.01694	30	Pass
NVNT	ac80 SISO	5775	Ant2	12.79	0.01901	30	Pass
NVNT	ac80 MIMO	5210	Ant1	8.22	0.00664	30	Pass
NVNT	ac80 MIMO	5210	Ant2	10.09	0.01021	30	Pass
NVNT	ac80 MIMO	5210	Sum	12.27	0.01685	29.55	Pass
NVNT	ac80 MIMO	5775	Ant1	6.13	0.0041	30	Pass
NVNT	ac80 MIMO	5775	Ant2	10.81	0.01205	30	Pass
NVNT	ac80 MIMO	5775	Sum	12.08	0.01615	29.55	Pass
NVNT	ax20 SISO	5180	Ant1	12.71	0.01866	30	Pass
NVNT	ax20 SISO	5220	Ant1	13.15	0.02065	30	Pass
NVNT	ax20 SISO	5240	Ant1	13.15	0.02065	30	Pass
NVNT	ax20 SISO	5745	Ant1	9.9	0.00977	30	Pass
NVNT	ax20 SISO	5785	Ant1	11.26	0.01337	30	Pass
NVNT	ax20 SISO	5825	Ant1	12.03	0.01596	30	Pass
NVNT	ax20 SISO	5180	Ant2	12.32	0.01706	30	Pass
NVNT	ax20 SISO	5220	Ant2	12.33	0.0171	30	Pass
NVNT	ax20 SISO	5240	Ant2	11.8	0.01514	30	Pass
NVNT	ax20 SISO	5745	Ant2	12.93	0.01963	30	Pass
NVNT	ax20 SISO	5785	Ant2	12.92	0.01959	30	Pass
NVNT	ax20 SISO	5825	Ant2	12.36	0.01722	30	Pass
NVNT	ax20 MIMO	5180	Ant1	7.74	0.00594	30	Pass
NVNT	ax20 MIMO	5180	Ant2	9.85	0.00966	30	Pass
NVNT	ax20 MIMO	5180	Sum	11.93	0.0156	29.55	Pass
NVNT	ax20 MIMO	5220	Ant1	8.39	0.0069	30	Pass
NVNT	ax20 MIMO	5220	Ant2	10.07	0.01016	30	Pass
NVNT	ax20 MIMO	5220	Sum	12.32	0.01706	29.55	Pass
NVNT	ax20 MIMO	5240	Ant1	8.36	0.00685	30	Pass
NVNT	ax20 MIMO	5240	Ant2	9.53	0.00897	30	Pass
NVNT	ax20 MIMO	5240	Sum	11.99	0.01583	29.55	Pass
NVNT	ax20 MIMO	5745	Ant1	5.02	0.00318	30	Pass
NVNT	ax20 MIMO	5745	Ant2	10.86	0.01219	30	Pass
NVNT	ax20 MIMO	5745	Sum	11.87	0.01537	29.55	Pass
NVNT	ax20 MIMO	5785	Ant1	6.09	0.00406	30	Pass

NVNT	ax20 MIMO	5785	Ant2	10.84	0.01213	30	Pass
NVNT	ax20 MIMO	5785	Sum	12.1	0.0162	29.55	Pass
NVNT	ax20 MIMO	5825	Ant1	7.11	0.00514	30	Pass
NVNT	ax20 MIMO	5825	Ant2	10.23	0.01054	30	Pass
NVNT	ax20 MIMO	5825	Sum	11.95	0.01568	29.55	Pass
NVNT	ax40 SISO	5190	Ant1	12.71	0.01866	30	Pass
NVNT	ax40 SISO	5230	Ant1	13.1	0.02042	30	Pass
NVNT	ax40 SISO	5755	Ant1	10.3	0.01072	30	Pass
NVNT	ax40 SISO	5795	Ant1	11.4	0.0138	30	Pass
NVNT	ax40 SISO	5190	Ant2	12.22	0.01667	30	Pass
NVNT	ax40 SISO	5230	Ant2	11.94	0.01563	30	Pass
NVNT	ax40 SISO	5755	Ant2	12.87	0.01936	30	Pass
NVNT	ax40 SISO	5795	Ant2	12.79	0.01901	30	Pass
NVNT	ax40 MIMO	5190	Ant1	7.79	0.00601	30	Pass
NVNT	ax40 MIMO	5190	Ant2	9.55	0.00902	30	Pass
NVNT	ax40 MIMO	5190	Sum	11.77	0.01503	29.55	Pass
NVNT	ax40 MIMO	5230	Ant1	8.3	0.00676	30	Pass
NVNT	ax40 MIMO	5230	Ant2	9.68	0.00929	30	Pass
NVNT	ax40 MIMO	5230	Sum	12.05	0.01605	29.55	Pass
NVNT	ax40 MIMO	5755	Ant1	5.49	0.00354	30	Pass
NVNT	ax40 MIMO	5755	Ant2	10.75	0.01189	30	Pass
NVNT	ax40 MIMO	5755	Sum	11.88	0.01542	29.55	Pass
NVNT	ax40 MIMO	5795	Ant1	6.31	0.00428	30	Pass
NVNT	ax40 MIMO	5795	Ant2	10.62	0.01153	30	Pass
NVNT	ax40 MIMO	5795	Sum	11.99	0.01581	29.55	Pass
NVNT	ax80 SISO	5210	Ant1	13.17	0.02075	30	Pass
NVNT	ax80 SISO	5775	Ant1	11.32	0.01355	30	Pass
NVNT	ax80 SISO	5210	Ant2	12.37	0.01726	30	Pass
NVNT	ax80 SISO	5775	Ant2	12.91	0.01954	30	Pass
NVNT	ax80 MIMO	5210	Ant1	8.36	0.00685	30	Pass
NVNT	ax80 MIMO	5210	Ant2	10.11	0.01026	30	Pass
NVNT	ax80 MIMO	5210	Sum	12.33	0.01711	29.55	Pass
NVNT	ax80 MIMO	5775	Ant1	6.2	0.00417	30	Pass
NVNT	ax80 MIMO	5775	Ant2	10.89	0.01227	30	Pass
NVNT	ax80 MIMO	5775	Sum	12.16	0.01644	29.55	Pass

Note : Directional gain = $10\log[(10^{G0/20}+10^{G1/20})^2/2$ = 6.45dBi＞6dBi, so the power limit shall be reduced to 30-(6.45-6) = 29.55dBm for 5.18-5.24GHz band and 5.745-5.825GHz band.

A.3. Emission Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a SISO	5180	Ant1	19.316
NVNT	a SISO	5220	Ant1	19.349
NVNT	a SISO	5240	Ant1	19.252
NVNT	a SISO	5180	Ant2	19.518
NVNT	a SISO	5220	Ant2	19.186
NVNT	a SISO	5240	Ant2	19.198
NVNT	n20 SISO	5180	Ant1	20.719
NVNT	n20 SISO	5220	Ant1	20.417
NVNT	n20 SISO	5240	Ant1	20.304
NVNT	n20 SISO	5180	Ant2	20.34
NVNT	n20 SISO	5220	Ant2	20.617
NVNT	n20 SISO	5240	Ant2	20.291
NVNT	n20 MIMO	5180	Ant1	20.63
NVNT	n20 MIMO	5180	Ant2	20.216
NVNT	n20 MIMO	5220	Ant1	20.379
NVNT	n20 MIMO	5220	Ant2	20.164
NVNT	n20 MIMO	5240	Ant1	20.231
NVNT	n20 MIMO	5240	Ant2	20.221
NVNT	n40 SISO	5190	Ant1	40.157
NVNT	n40 SISO	5230	Ant1	39.927
NVNT	n40 SISO	5190	Ant2	39.986
NVNT	n40 SISO	5230	Ant2	39.916
NVNT	n40 MIMO	5190	Ant1	39.861
NVNT	n40 MIMO	5190	Ant2	39.592
NVNT	n40 MIMO	5230	Ant1	39.963
NVNT	n40 MIMO	5230	Ant2	39.871
NVNT	ac20 SISO	5180	Ant1	20.254
NVNT	ac20 SISO	5220	Ant1	20.494
NVNT	ac20 SISO	5240	Ant1	20.269
NVNT	ac20 SISO	5180	Ant2	20.396
NVNT	ac20 SISO	5220	Ant2	20.417
NVNT	ac20 SISO	5240	Ant2	20.324
NVNT	ac20 MIMO	5180	Ant1	20.298
NVNT	ac20 MIMO	5180	Ant2	20.261
NVNT	ac20 MIMO	5220	Ant1	20.258
NVNT	ac20 MIMO	5220	Ant2	20.099

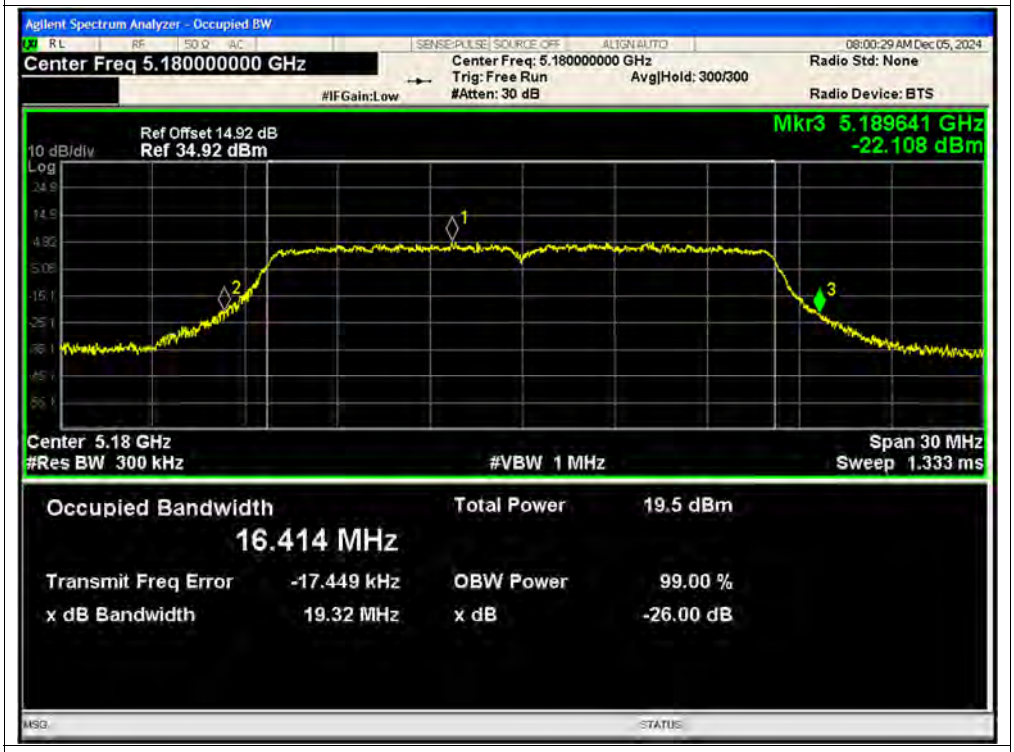
NVNT	ac20 MIMO	5240	Ant1	20.631
NVNT	ac20 MIMO	5240	Ant2	20.389
NVNT	ac40 SISO	5190	Ant1	39.617
NVNT	ac40 SISO	5230	Ant1	40.199
NVNT	ac40 SISO	5190	Ant2	40.002
NVNT	ac40 SISO	5230	Ant2	40.056
NVNT	ac40 MIMO	5190	Ant1	40.026
NVNT	ac40 MIMO	5190	Ant2	39.796
NVNT	ac40 MIMO	5230	Ant1	39.912
NVNT	ac40 MIMO	5230	Ant2	39.787
NVNT	ac80 SISO	5210	Ant1	82.095
NVNT	ac80 SISO	5210	Ant2	81.582
NVNT	ac80 MIMO	5210	Ant1	82.388
NVNT	ac80 MIMO	5210	Ant2	81.586
NVNT	ax20 SISO	5180	Ant1	20.993
NVNT	ax20 SISO	5220	Ant1	20.934
NVNT	ax20 SISO	5240	Ant1	20.764
NVNT	ax20 SISO	5180	Ant2	21.402
NVNT	ax20 SISO	5220	Ant2	20.894
NVNT	ax20 SISO	5240	Ant2	21.194
NVNT	ax20 MIMO	5180	Ant1	20.999
NVNT	ax20 MIMO	5180	Ant2	20.689
NVNT	ax20 MIMO	5220	Ant1	21.138
NVNT	ax20 MIMO	5220	Ant2	20.859
NVNT	ax20 MIMO	5240	Ant1	20.927
NVNT	ax20 MIMO	5240	Ant2	20.859
NVNT	ax40 SISO	5190	Ant1	40.573
NVNT	ax40 SISO	5230	Ant1	40.523
NVNT	ax40 SISO	5190	Ant2	40.733
NVNT	ax40 SISO	5230	Ant2	40.348
NVNT	ax40 MIMO	5190	Ant1	40.771
NVNT	ax40 MIMO	5190	Ant2	40.21
NVNT	ax40 MIMO	5230	Ant1	40.412
NVNT	ax40 MIMO	5230	Ant2	40.432
NVNT	ax80 SISO	5210	Ant1	82.477
NVNT	ax80 SISO	5210	Ant2	82.226
NVNT	ax80 MIMO	5210	Ant1	82.519
NVNT	ax80 MIMO	5210	Ant2	82.695

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a SISO	5745	Ant1	16.281	0.5	Pass
NVNT	a SISO	5785	Ant1	16.306	0.5	Pass
NVNT	a SISO	5825	Ant1	16.287	0.5	Pass
NVNT	a SISO	5745	Ant2	16.33	0.5	Pass
NVNT	a SISO	5785	Ant2	16.309	0.5	Pass
NVNT	a SISO	5825	Ant2	16.333	0.5	Pass
NVNT	n20 SISO	5745	Ant1	16.927	0.5	Pass
NVNT	n20 SISO	5785	Ant1	17.026	0.5	Pass
NVNT	n20 SISO	5825	Ant1	17.546	0.5	Pass
NVNT	n20 SISO	5745	Ant2	17.181	0.5	Pass
NVNT	n20 SISO	5785	Ant2	17.041	0.5	Pass
NVNT	n20 SISO	5825	Ant2	16.928	0.5	Pass
NVNT	n20 MIMO	5745	Ant1	17.047	0.5	Pass
NVNT	n20 MIMO	5745	Ant2	17.586	0.5	Pass
NVNT	n20 MIMO	5785	Ant1	17.286	0.5	Pass
NVNT	n20 MIMO	5785	Ant2	17.289	0.5	Pass
NVNT	n20 MIMO	5825	Ant1	17.545	0.5	Pass
NVNT	n20 MIMO	5825	Ant2	17.518	0.5	Pass
NVNT	n40 SISO	5755	Ant1	35.751	0.5	Pass
NVNT	n40 SISO	5795	Ant1	36.05	0.5	Pass
NVNT	n40 SISO	5755	Ant2	35.669	0.5	Pass
NVNT	n40 SISO	5795	Ant2	35.699	0.5	Pass
NVNT	n40 MIMO	5755	Ant1	35.534	0.5	Pass
NVNT	n40 MIMO	5755	Ant2	35.478	0.5	Pass
NVNT	n40 MIMO	5795	Ant1	35.881	0.5	Pass
NVNT	n40 MIMO	5795	Ant2	35.691	0.5	Pass
NVNT	ac20 SISO	5745	Ant1	17.044	0.5	Pass
NVNT	ac20 SISO	5785	Ant1	16.893	0.5	Pass
NVNT	ac20 SISO	5825	Ant1	17.535	0.5	Pass
NVNT	ac20 SISO	5745	Ant2	17.051	0.5	Pass
NVNT	ac20 SISO	5785	Ant2	17.048	0.5	Pass
NVNT	ac20 SISO	5825	Ant2	17.286	0.5	Pass
NVNT	ac20 MIMO	5745	Ant1	17.16	0.5	Pass
NVNT	ac20 MIMO	5745	Ant2	17.539	0.5	Pass
NVNT	ac20 MIMO	5785	Ant1	17.3	0.5	Pass

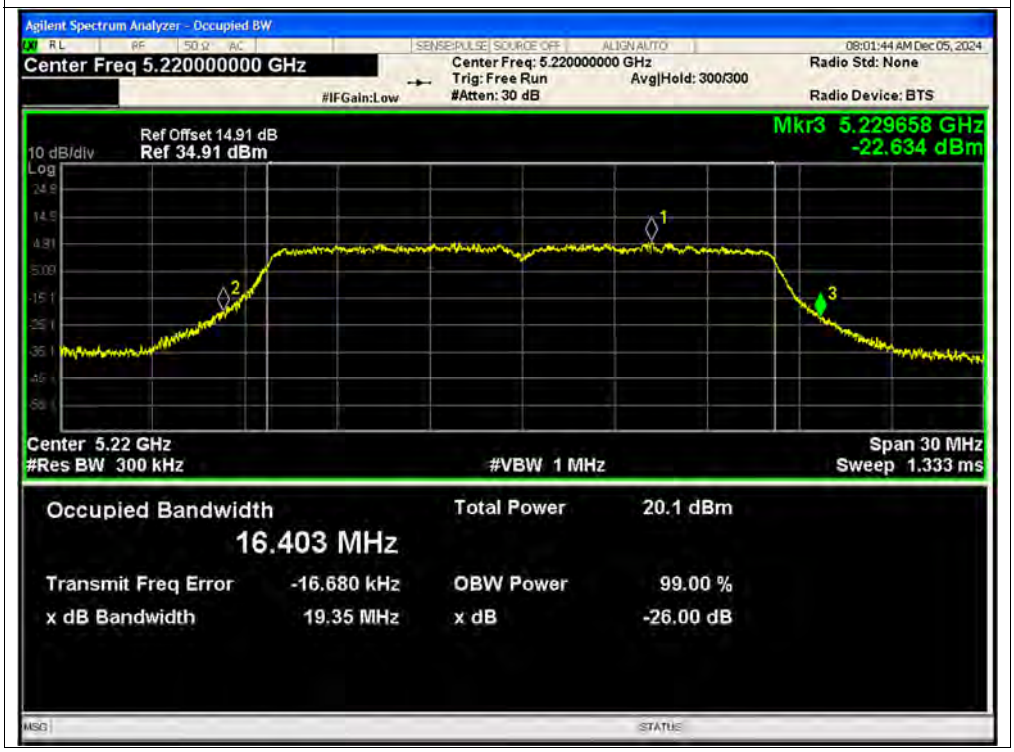
NVNT	ac20 MIMO	5785	Ant2	17.534	0.5	Pass
NVNT	ac20 MIMO	5825	Ant1	16.94	0.5	Pass
NVNT	ac20 MIMO	5825	Ant2	17.191	0.5	Pass
NVNT	ac40 SISO	5755	Ant1	35.222	0.5	Pass
NVNT	ac40 SISO	5795	Ant1	35.809	0.5	Pass
NVNT	ac40 SISO	5755	Ant2	35.537	0.5	Pass
NVNT	ac40 SISO	5795	Ant2	35.64	0.5	Pass
NVNT	ac40 MIMO	5755	Ant1	35.364	0.5	Pass
NVNT	ac40 MIMO	5755	Ant2	35.088	0.5	Pass
NVNT	ac40 MIMO	5795	Ant1	35.903	0.5	Pass
NVNT	ac40 MIMO	5795	Ant2	35.54	0.5	Pass
NVNT	ac80 SISO	5775	Ant1	74.648	0.5	Pass
NVNT	ac80 SISO	5775	Ant2	74.929	0.5	Pass
NVNT	ac80 MIMO	5775	Ant1	75.149	0.5	Pass
NVNT	ac80 MIMO	5775	Ant2	72.785	0.5	Pass
NVNT	ax20 SISO	5745	Ant1	18.721	0.5	Pass
NVNT	ax20 SISO	5785	Ant1	18.769	0.5	Pass
NVNT	ax20 SISO	5825	Ant1	18.799	0.5	Pass
NVNT	ax20 SISO	5745	Ant2	18.707	0.5	Pass
NVNT	ax20 SISO	5785	Ant2	18.808	0.5	Pass
NVNT	ax20 SISO	5825	Ant2	18.621	0.5	Pass
NVNT	ax20 MIMO	5745	Ant1	18.941	0.5	Pass
NVNT	ax20 MIMO	5745	Ant2	18.702	0.5	Pass
NVNT	ax20 MIMO	5785	Ant1	18.505	0.5	Pass
NVNT	ax20 MIMO	5785	Ant2	18.787	0.5	Pass
NVNT	ax20 MIMO	5825	Ant1	18.936	0.5	Pass
NVNT	ax20 MIMO	5825	Ant2	18.851	0.5	Pass
NVNT	ax40 SISO	5755	Ant1	37.67	0.5	Pass
NVNT	ax40 SISO	5795	Ant1	37.305	0.5	Pass
NVNT	ax40 SISO	5755	Ant2	37.475	0.5	Pass
NVNT	ax40 SISO	5795	Ant2	37.239	0.5	Pass
NVNT	ax40 MIMO	5755	Ant1	37.612	0.5	Pass
NVNT	ax40 MIMO	5755	Ant2	37.327	0.5	Pass
NVNT	ax40 MIMO	5795	Ant1	37.426	0.5	Pass
NVNT	ax40 MIMO	5795	Ant2	37.489	0.5	Pass
NVNT	ax80 SISO	5775	Ant1	77.296	0.5	Pass
NVNT	ax80 SISO	5775	Ant2	76.792	0.5	Pass
NVNT	ax80 MIMO	5775	Ant1	77.58	0.5	Pass

NVNT	ax80 MIMO	5775	Ant2	76.964	0.5	Pass

Test Graphs
-26dB Bandwidth NVNT a 5180MHz Ant1 SISO



-26dB Bandwidth NVNT a 5220MHz Ant1 SISO



-26dB Bandwidth NVNT a 5240MHz Ant1 SISO

-26dB Bandwidth NVNT a 5180MHz Ant2 SISO

-26dB Bandwidth NVNT a 5220MHz Ant2 SISO

-26dB Bandwidth NVNT a 5240MHz Ant2 SISO

-26dB Bandwidth NVNT n20 5180MHz Ant1 SISO

-26dB Bandwidth NVNT n20 5220MHz Ant1 SISO

-26dB Bandwidth NVNT n20 5240MHz Ant1 SISO

-26dB Bandwidth NVNT n20 5180MHz Ant2 SISO

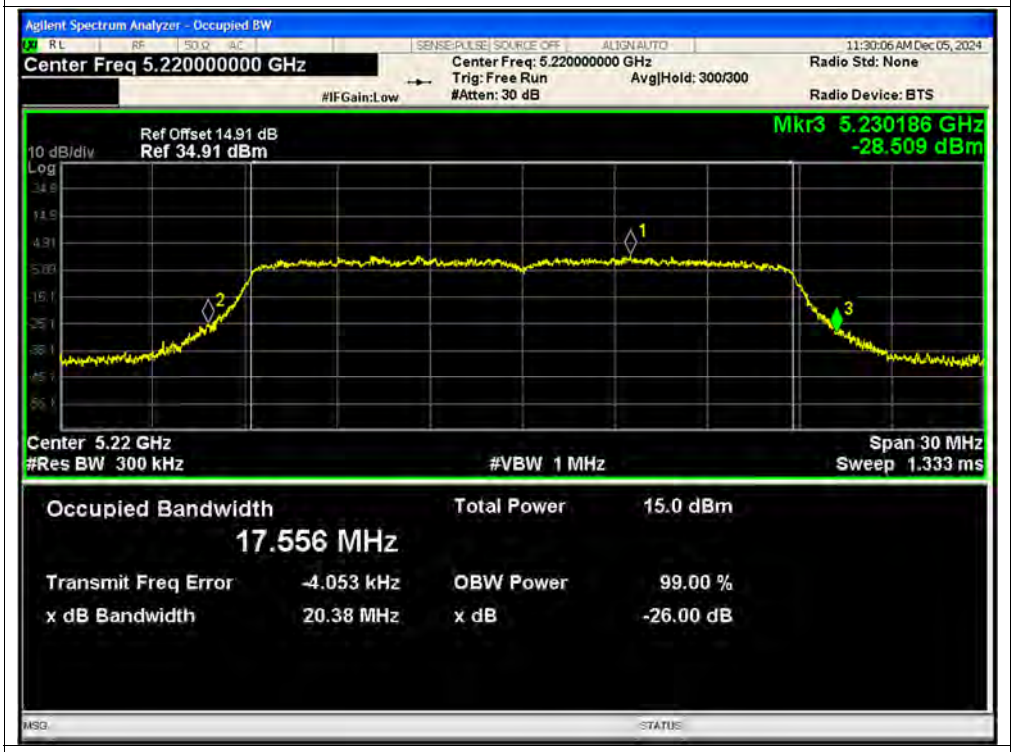
-26dB Bandwidth NVNT n20 5220MHz Ant2 SISO

-26dB Bandwidth NVNT n20 5240MHz Ant2 SISO

-26dB Bandwidth NVNT n20 5180MHz Ant1 MIMO

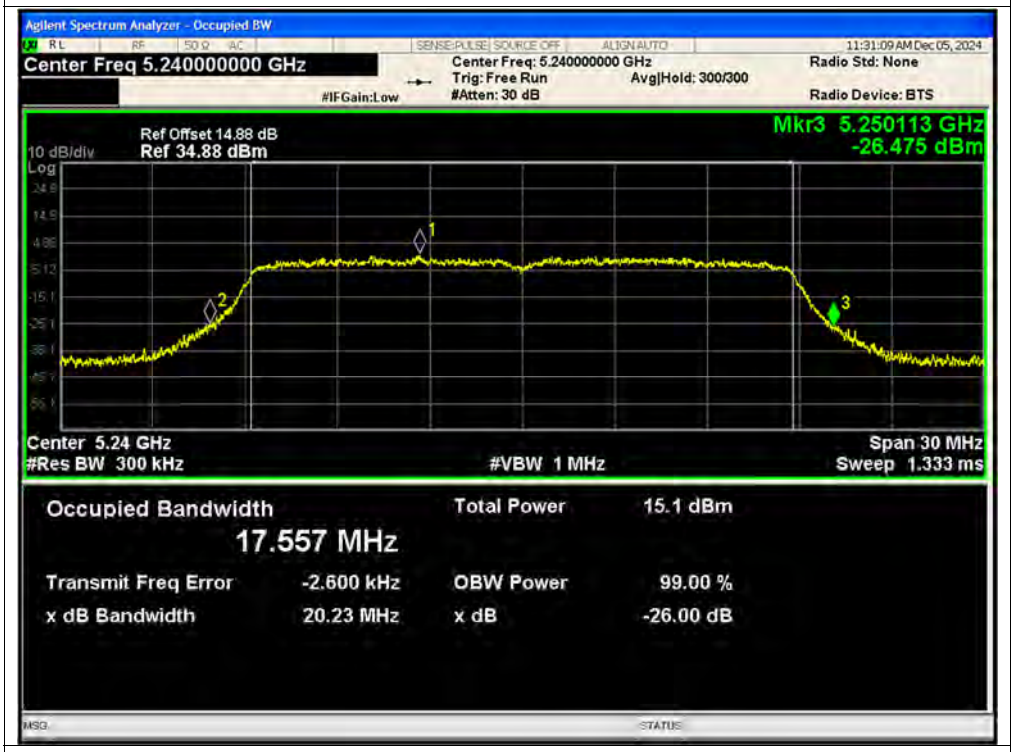
-26dB Bandwidth NVNT n20 5180MHz Ant2 MIMO

-26dB Bandwidth NVNT n20 5220MHz Ant1 MIMO



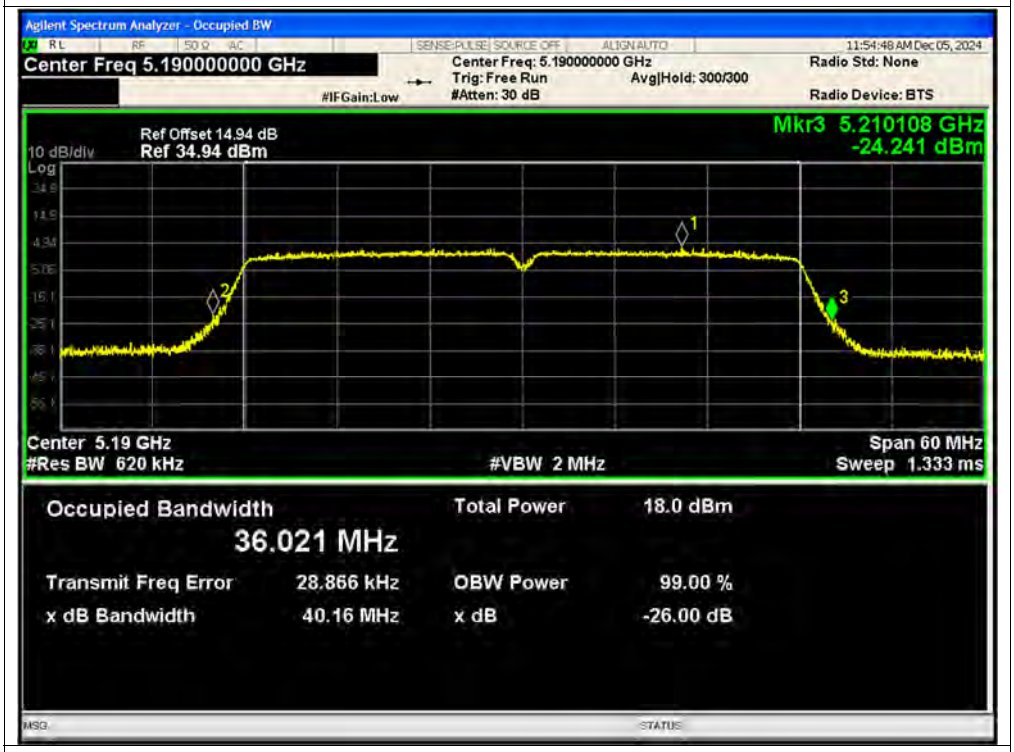
-26dB Bandwidth NVNT n20 5220MHz Ant2 MIMO

-26dB Bandwidth NVNT n20 5240MHz Ant1 MIMO



-26dB Bandwidth NVNT n20 5240MHz Ant2 MIMO

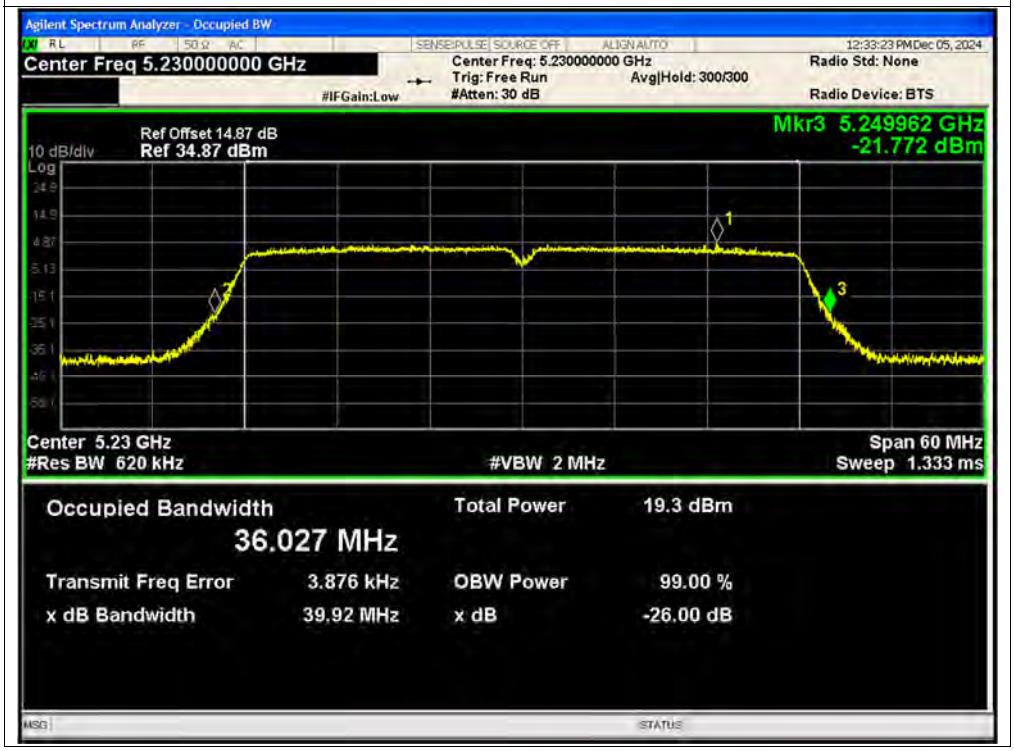
-26dB Bandwidth NVNT n40 5190MHz Ant1 SISO



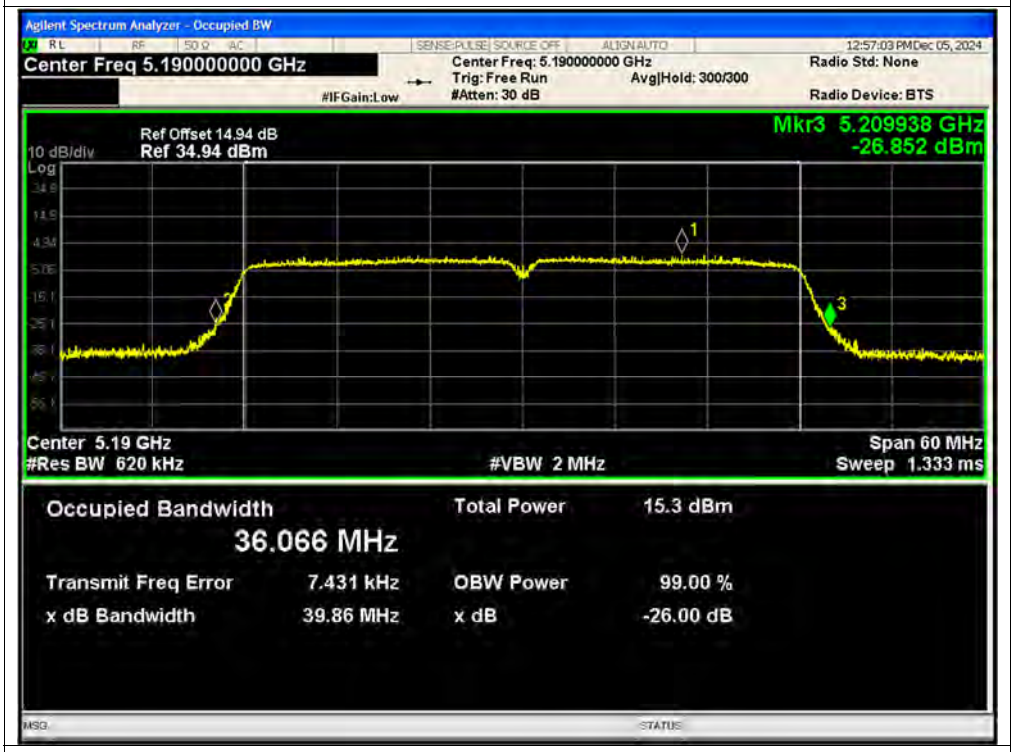
-26dB Bandwidth NVNT n40 5230MHz Ant1 SISO

-26dB Bandwidth NVNT n40 5190MHz Ant2 SISO

-26dB Bandwidth NVNT n40 5230MHz Ant2 SISO



-26dB Bandwidth NVNT n40 5190MHz Ant1 MIMO



-26dB Bandwidth NVNT n40 5190MHz Ant2 MIMO