REPORT No.: SZ24060253W03

TEST REPORT

APPLICANT	:	Ascom (Sweden) AB
PRODUCT NAME	:	Myco 4 DECT Wi-Fi, Myco 4 DECT Wi-Fi EEA
MODEL NAME	:	SH4-AADE, SH4-AADB
BRAND NAME	:	ascom
FCC ID	:	BXZSH4D
STANDARD(S)	:	47 CFR Part 15 Subpart C
RECEIPT DATE	:	2024-09-23
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Change History		
Version	**Date**	**Reason for change**
1.0	2024-11-29	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	N/A	Duty Cycle of Test Signal	Oct. 11, 2024	Li Xinpeng	PASS	No deviation
3	15.247(b)	Maximum Peak Conducted Output Power	Oct. 11, 2024	Li Xinpeng	PASS	No deviation
4	15.247(b)	Maximum Average Conducted Output Power	Oct. 11, 2024	Li Xinpeng	PASS	No deviation
5	15.247(a)	Bandwidth	Oct. 11, 2024	Li Xinpeng	PASS	No deviation
6	15.247(d)	Conducted Spurious Emission and Band Edge	Oct. 17, 2024	Li Xinpeng	PASS	No deviation
7	15.247(e)	Power Spectral Density	Oct. 17, 2024	Li Xinpeng	PASS	No deviation
8	15.207	Conducted Emission	Sep. 30, 2024	Fan Shengquan	PASS	No deviation
9	15.247(d)	Restricted Frequency Bands	Oct. 07, 2024	Gao Jianrou	PASS	No deviation
10	15.209, 15.247(d)	Radiated Emission	Oct. 07, 2024	Gao Jianrou	PASS	No deviation

Note 1: All test items are tested and evaluated in the worse mode with reference to output power results.

Note 2: The tests were performed according to the method of measurements prescribed in ANSI C63.10-2013 and KDB 558074 D01 v05r02.

Note 3: 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 4: 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 C Radio Frequency Devices

1.2. Test Equipment List

1.2.1 Conducted Test Equipments

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Due Date
EXA Signal Analzyer	MY53470836	N9010A	Agilent	2024.02.19	2025.02.18
Power Sensor	MY54180008	U2021XA	Agilent	2024.09.11	2025.09.10
Attenuator	MTJ6004-20	VAT-10+	MTJ Cooperation	N/A	N/A
RF Cable (30MHz-26GHz)	CB01	RF01	Morlab	N/A	N/A
Coaxial Cable	CB02	RF02	Morlab	N/A	N/A
SMA Connector	CN01	RF03	HUBER-SUHNER	N/A	N/A

1.2.2 Conducted Emission Test Equipments

Equipment Name	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 Equipments

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-2400-2483.5-60SS	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%
Conducted Spurious Emission	±2.77dB	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
Telephone	+86 755 36698555
Facsimile	+86 755 36698525
FCC Designation Number	CN1192
FCC Test Firm Registration Number	226174

2. General Description

2.1. Information of Applicant and Manufacturer

Applicant	Ascom (Sweden) AB
Applicant Address	Grimbodalen 2, SE-417 49 Gothenburg,Sweden
Manufacturer	Ascom (Sweden) AB
Manufacturer Address	Grimbodalen 2, SE-417 49 Gothenburg,Sweden

2.2. Information of EUT

Product Name:	Myco 4 DECT Wi-Fi, Myco 4 DECT Wi-Fi EEA	
Sample No.:	1#,8#,13#	
Hardware Version:	V0.40	
Software Version:	SH4_ASCOM_A14_025.00	
Modulation Technology:	DSSS, OFDM, OFDMA	
Modulation Type:	Refer to section2.3	
Wireless Technology:	802.11b, 802.11g, 802.11n (HT20), 802.11n (HT40), 802.11ac (VHT20), 802.11ac (VHT40), 802.11ax (HEW20), 802.11ax (HEW40)	
Operating Frequency Range:	2412MHz–2462MHz	
Antenna Type:	PIFA Antenna	
Antenna Gain:	ANT 1: 0.07dBi; ANT 2: -0.08dBi	
Directional Gain:	3.01dBi$_{\text{Note 2}}$	
Accessory Information:	Battery 1	
	Brand Name:	N/A
	Model No.:	685261
	Serial No.:	N/A
	Capacity:	3950mAh
	Rated Voltage:	3.87V
	Charge Limit:	4.45V
	Manufacturer:	Zhejiang Liwinon Energy Technology Co., Ltd.
	Battery 2	
	Brand Name:	N/A
	Model No.:	291342

	Serial No.:	N/A
	Capacity:	150mAh
	Rated Voltage:	3.8V
	Charge Limit:	4.35V
	Manufacturer:	Zhejiang Liwinon Energy Technology 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**
802.11b/g	1TX
802.11n/ac/ax	2TX

Note 2: According to KDB 662911 D01, the directional gain = $10\log[(10^{G1/20}+10^{G2/20})^2/2$ = 3.01dBi.

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 1) 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

Nominal Channel Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	**1**	**2412**	7	2442
	2	2417	8	2447
	3	2422	9	2452
	4	2427	10	2457
	5	2432	**11**	**2462**
	6	**2437**		
Nominal Channel Bandwidth	**Channel**	**Frequency (MHz)**	**Channel**	**Frequency (MHz)**
40MHz	**3**	**2422**	7	2442
	4	2427	8	2447
	5	2432	9	2452
	6	**2437**		

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
802.11b	20	DSSS	**DBPSK**	**1**/2/5.5/11Mbps
			DQPSK	
			CCK	
802.11g	20	OFDM	**BPSK**	**6**/9/12/18/24/36/48/54Mbps
			QPSK	
			16QAM	
			64QAM	
802.11n	20/40 (HT20/40)	OFDM	**BPSK**	**MCS0**~MCS7
			QPSK	
			16QAM	
			64QAM	
802.11ac	20/40/80 (VHT20/40)	OFDM	**BPSK**	**MSC0**~MCS9
			QPSK	
			16QAM	
			64QAM	
			256QAM	
802.11ax	20/40 (HEW20/40)	OFDM/ OFDMA	**BPSK**	**MSC0**~MCS11
			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.

2.4.2.802.11ax RU Allocation

BW (MHz)	RU Size			User	RU Offset
	Full (Tone)	Partial			
		(Tone)	BW (MHz)		
20	242	26	2	9	@0/1/2/3/4/5/6/7/8
		52	4	4	@37/38/39/40
		106	8	2	@53/54
40	484	26	2	18	@0/1/2……15/16/17
		52	4	8	@37/38/39/40/41/42/43/44
		106	8	4	@53/54/55/56

Note 1: The worst case in Partial RU mode has been verified in the pre-scan phase before the test is at 20MHz bandwidth but not at higher bandwidth, the test data of Full RU mode at lower bandwidth can cover the test data of Partial RU mode at higher bandwidth.

Note 2: The manufacturer claims that Partial RU only supports 26Tone, 52Tone, and 106Tone.

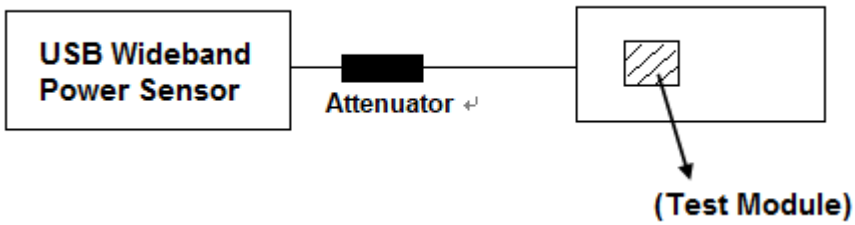
2.5. Test Conditions

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

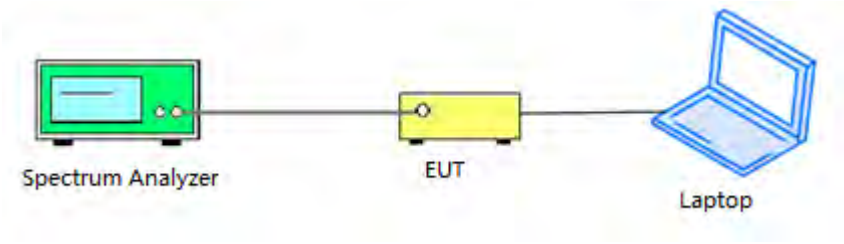
2.6. Test Setup Layout Diagram

2.6.1.Conducted Measurement

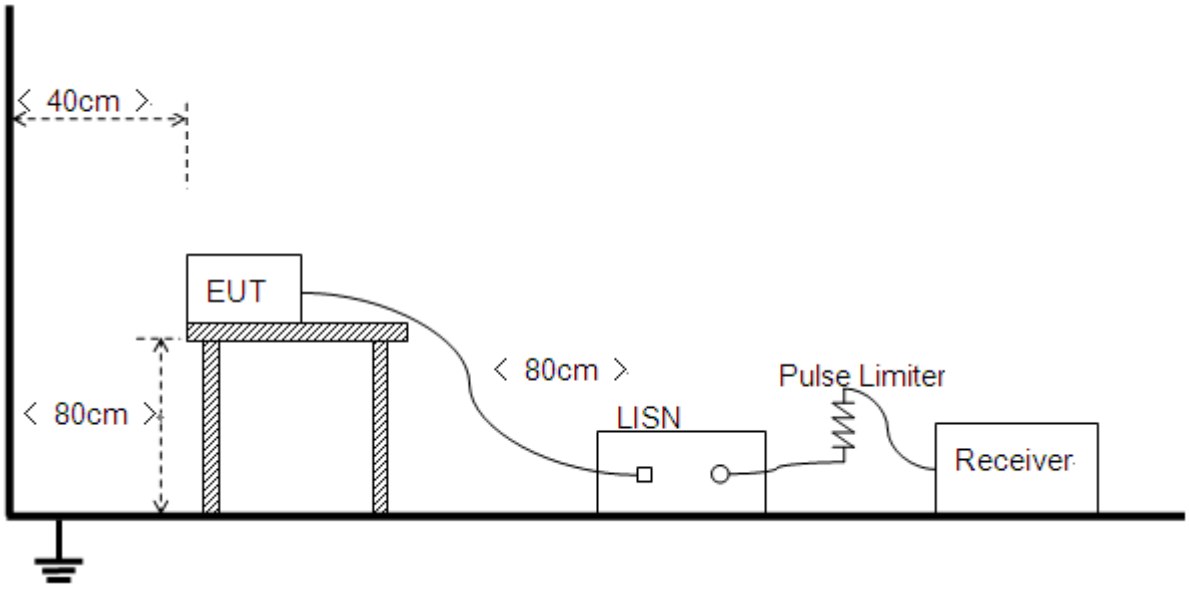
Power item



Other items

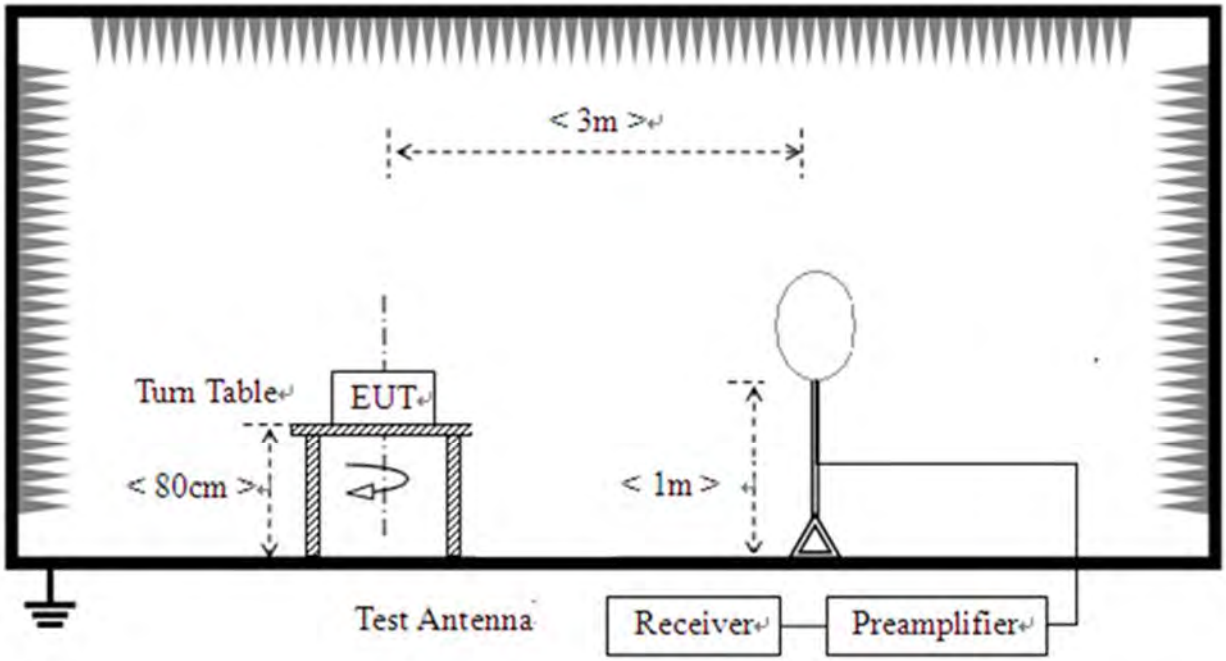


2.6.2.Conducted Emission Measurement

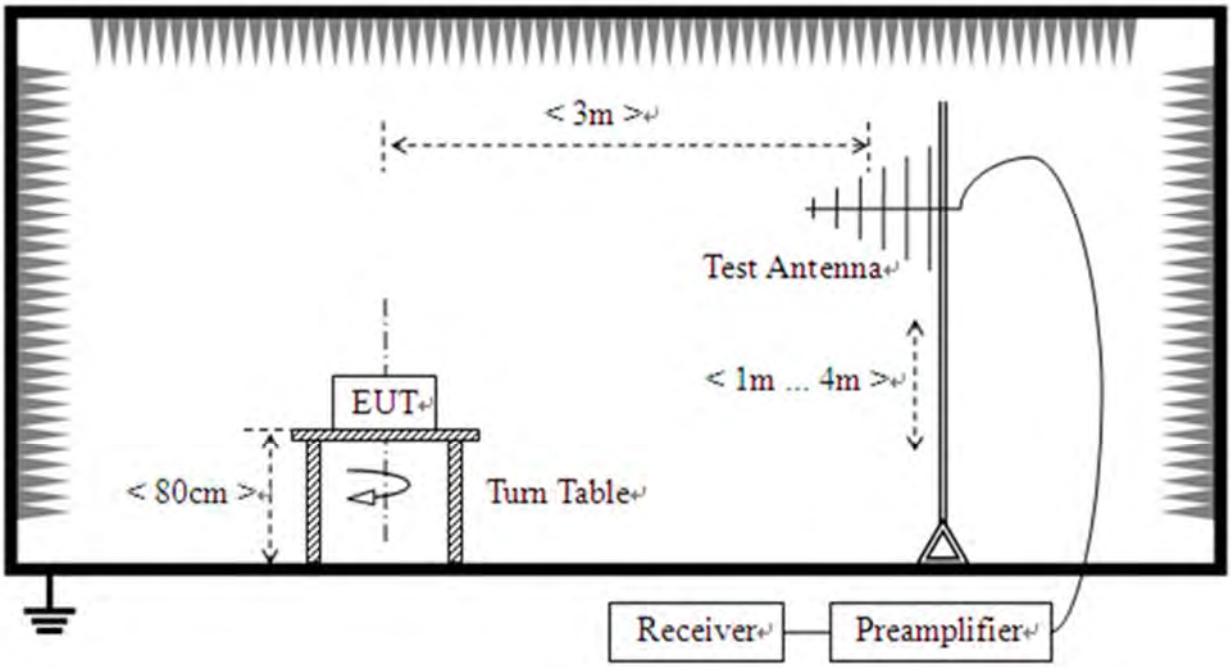


2.6.3.Radiation Measurement

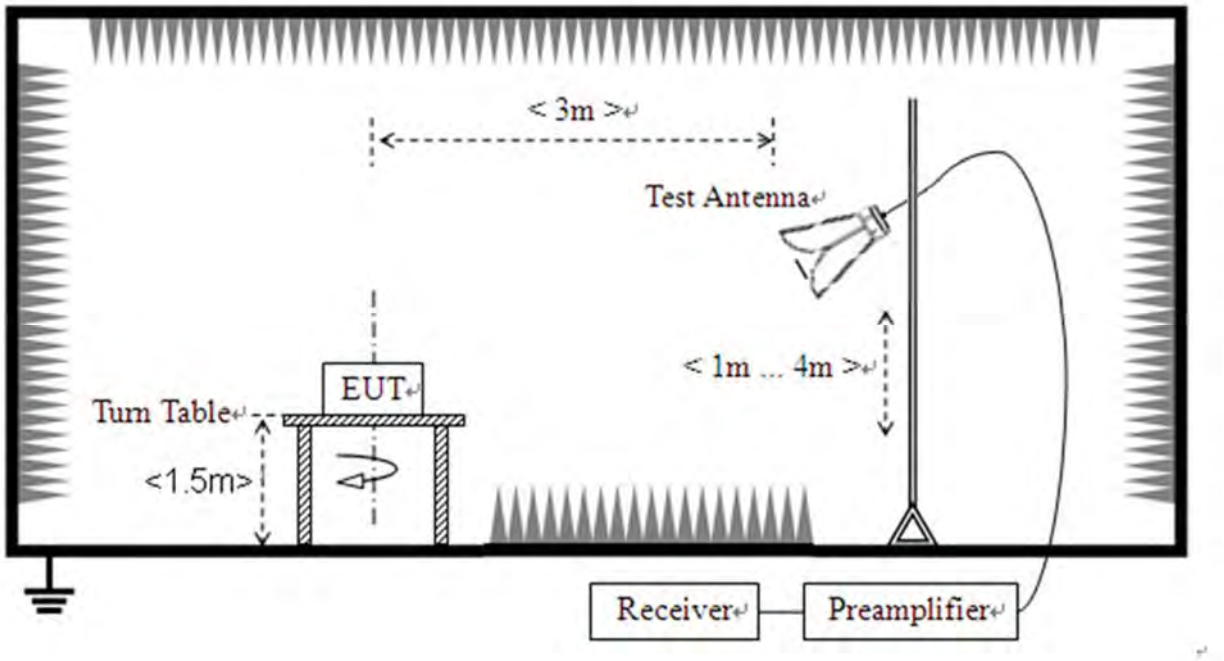
1) For radiated emissions from 9kHz to 30MHz



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	☐I-PEX Connector ☐SMA Connector ☐RP-SMA Connector ☒Metal Shrapnel

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 Peak and Average Conducted Output Power

3.3.1.Requirement

According to FCC section 15.247(b)(3), For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: The maximum conducted output power of the intentional radiator shall not exceed 1 Watt. If transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in above of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

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.

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 and A.3 in this report.

3.4.6 dB Bandwidth

3.4.1.Requirement

According to FCC section 15.247(a) (2), systems using digital modulation techniques may operate in the 902 - 928 MHz, 2400 - 2483.5 MHz, and 5725 - 5850 MHz bands. The minimum 6dB bandwidth shall be at least 500 kHz.

3.4.1.Test Procedures

KDB 558074 Section 8.2 was used in order to prove compliance.

3.4.2.Test Setup Layout

Refer to chapter 2.6.1 in this report.

3.4.3.Test Result

Refer to Annex A.4 in this report.

3.5. Conducted Spurious Emissions and Band Edge

3.5.1.Requirement

According to FCC section 15.247(d), in any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.

3.5.2.Test Procedures

KDB 558074 Section 8.5 and 8.7 was used in order to prove compliance.

3.5.3.Test Setup Layout

Refer to chapter 2.6.1 in this report.

3.5.4.Test Result

Refer to Annex A.5 and A.6 in this report.

3.6. Power Spectral Density

3.6.1.Requirement

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

3.6.2.Test Procedures

The measured power spectral density was calculated by the reading of the spectrum analyzer and calibration. Following is the test procedure for PSD test:
a) Set analyzer center frequency to channel center frequency
b) Set span to1.5 times DTS
c) Set RBW to 30kHz
d) Set VBW to 100kHz
e) Detector = peak
f) Sweep time = auto couple
g) Trace mode = max hold
h) Allow trace to fully stabilize
i) Use the peak marker function to determine the maximum amplitude level and recorded as PD
j) Use below formula to calculate the Conducted PSD value that at specified RBW:
Conducted PSD=PD-10lg(30k/3k)

3.6.3.Test Setup Layout

Refer to chapter 2.6.1 in this report.

3.6.4.Test Result

Refer to Annex A.7 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.8 in this report.

3.8. Restricted Frequency Bands

3.8.1.Requirement

According to FCC section 15.247(d), in any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, In addition, radiated emissions which fall in the restricted bands, as defined in 15.205(a), must also comply with the radiated emission limits specified in 15.209(a).

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.
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.
Span = wide enough to fully capture the emission being measured
RBW = 1 MHz for f ≥ 1GHz, 100 kHz for f < 1GHz
VBW = 3 MHz
Sweep = auto
Detector function = peak/average
Trace = max hold
Allow the trace to stabilize

3.8.3.Test Setup Layout

Refer to chapter 2.6.3 in this report.

3.8.4.Test Result

Refer to Annex A.9 in this report.

3.9. Radiated Emission

3.9.1.Requirement

According to FCC section 15.247(d), radiated emission outside the frequency band attenuation below the general limits specified in FCC section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in FCC section 15.205(a), must also comply with the radiated emission limits specified in FCC section 15.209(a).

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

Note1: 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.
Note2: For above 1000MHz, limit field strength of harmonics: 54dBuV/m@3m (AV) and 74dBuV/m@3m (PK).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.10 in this report.

Annex A Test Data and Result

A.1. Duty Cycle of Test Signal

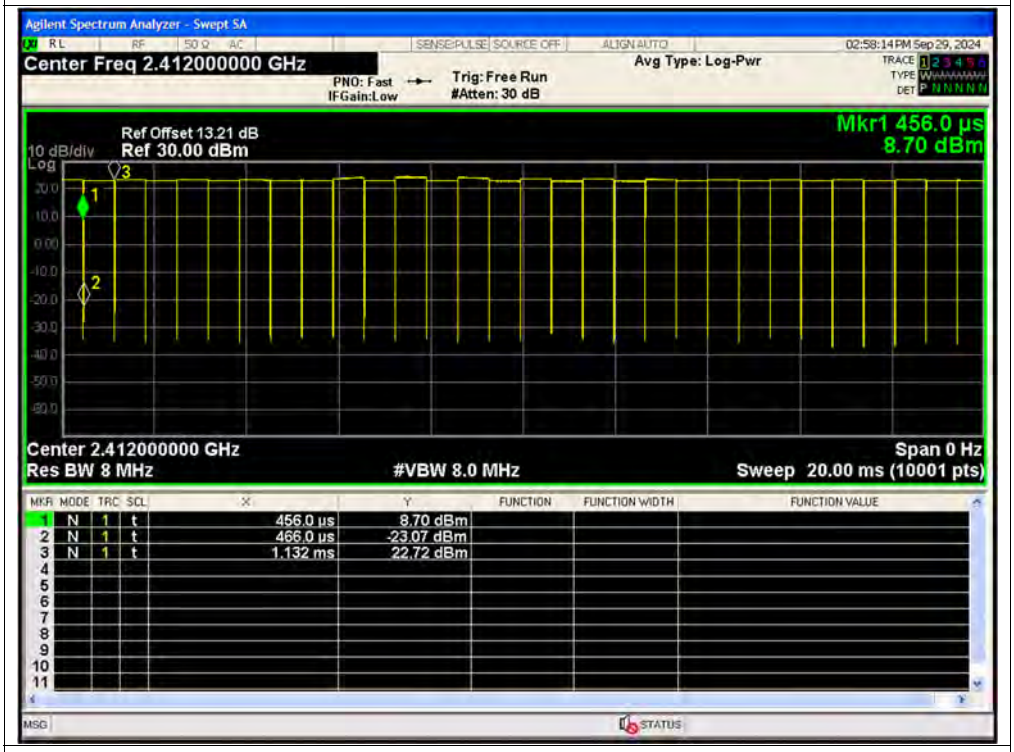
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b SISO	2412	Ant1	98.52	0.06	1.5
NVNT	b SISO	2437	Ant1	99.28	0.03	0.73
NVNT	b SISO	2462	Ant1	99.28	0.03	0.73
NVNT	b SISO	2412	Ant2	98.82	0.05	1.5
NVNT	b SISO	2437	Ant2	99.28	0.03	0.73
NVNT	b SISO	2462	Ant2	99.13	0.04	0.73
NVNT	g SISO	2412	Ant1	99.34	0.03	0.48
NVNT	g SISO	2437	Ant1	99.34	0.03	0.48
NVNT	g SISO	2462	Ant1	99.24	0.03	0.48
NVNT	g SISO	2412	Ant2	99.24	0.03	0.48
NVNT	g SISO	2437	Ant2	99.24	0.03	0.48
NVNT	g SISO	2462	Ant2	99.24	0.03	0.48
NVNT	n20 SISO	2412	Ant1	99.7	0.01	0.19
NVNT	n20 SISO	2437	Ant1	99.71	0.01	0.18
NVNT	n20 SISO	2462	Ant1	99.71	0.01	0.18
NVNT	n20 SISO	2412	Ant2	99.7	0.01	0.19
NVNT	n20 SISO	2437	Ant2	99.71	0.01	0.18
NVNT	n20 SISO	2462	Ant2	99.74	0.01	0.18
NVNT	n20 MIMO	2412	Sum	99.7	0.01	0.19
NVNT	n20 MIMO	2437	Sum	99.71	0.01	0.18
NVNT	n20 MIMO	2462	Sum	99.74	0.01	0.18
NVNT	n40 SISO	2422	Ant1	99.69	0.01	0.19
NVNT	n40 SISO	2437	Ant1	98.19	0.08	1.32
NVNT	n40 SISO	2452	Ant1	97.94	0.09	1.32
NVNT	n40 SISO	2422	Ant2	99.69	0.01	0.19
NVNT	n40 SISO	2437	Ant2	98.19	0.08	1.32
NVNT	n40 SISO	2452	Ant2	97.94	0.09	1.32
NVNT	n40 MIMO	2422	Sum	99.69	0.01	0.19
NVNT	n40 MIMO	2437	Sum	98.19	0.08	1.32
NVNT	n40 MIMO	2452	Sum	98.19	0.08	1.32

NVNT	ac20 SISO	2412	Ant1	99.7	0.01	0.19
NVNT	ac20 SISO	2437	Ant1	99.74	0.01	0.18
NVNT	ac20 SISO	2462	Ant1	99.71	0.01	0.18
NVNT	ac20 SISO	2412	Ant2	99.7	0.01	0.19
NVNT	ac20 SISO	2437	Ant2	99.71	0.01	0.18
NVNT	ac20 SISO	2462	Ant2	99.74	0.01	0.18
NVNT	ac20 MIMO	2412	Sum	99.7	0.01	0.19
NVNT	ac20 MIMO	2437	Sum	99.71	0.01	0.18
NVNT	ac20 MIMO	2462	Sum	99.71	0.01	0.18
NVNT	ac40 SISO	2422	Ant1	99.73	0.01	0.19
NVNT	ac40 SISO	2437	Ant1	99.49	0.02	0.37
NVNT	ac40 SISO	2452	Ant1	99.49	0.02	0.37
NVNT	ac40 SISO	2422	Ant2	99.73	0.01	0.19
NVNT	ac40 SISO	2437	Ant2	99.42	0.03	0.37
NVNT	ac40 SISO	2452	Ant2	99.49	0.02	0.37
NVNT	ac40 MIMO	2422	Sum	99.73	0.01	0.19
NVNT	ac40 MIMO	2437	Sum	99.49	0.02	0.37
NVNT	ac40 MIMO	2452	Sum	99.42	0.03	0.37
NVNT	ax20 SISO	2412	Ant1	99.71	0.01	0.18
NVNT	ax20 SISO	2437	Ant1	99.42	0.03	0.37
NVNT	ax20 SISO	2462	Ant1	99.42	0.03	0.37
NVNT	ax20 SISO	2412	Ant2	99.71	0.01	0.18
NVNT	ax20 SISO	2437	Ant2	99.42	0.03	0.37
NVNT	ax20 SISO	2462	Ant2	99.42	0.03	0.37
NVNT	ax20 MIMO	2412	Sum	99.71	0.01	0.18
NVNT	ax20 MIMO	2437	Sum	99.49	0.02	0.37
NVNT	ax20 MIMO	2462	Sum	99.49	0.02	0.37
NVNT	ax40 SISO	2422	Ant1	99.66	0.01	0.24
NVNT	ax40 SISO	2437	Ant1	99.03	0.04	0.7
NVNT	ax40 SISO	2452	Ant1	98.9	0.05	0.7
NVNT	ax40 SISO	2422	Ant2	99.66	0.01	0.24
NVNT	ax40 SISO	2437	Ant2	98.9	0.05	0.7
NVNT	ax40 SISO	2452	Ant2	99.03	0.04	0.7
NVNT	ax40 MIMO	2422	Sum	99.61	0.02	0.24
NVNT	ax40 MIMO	2437	Sum	99.03	0.04	0.7
NVNT	ax40 MIMO	2452	Sum	98.9	0.05	0.7
NVNT	ax20 26@0 SISO	2412	Ant1	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	2437	Ant1	99.57	0.02	0.2

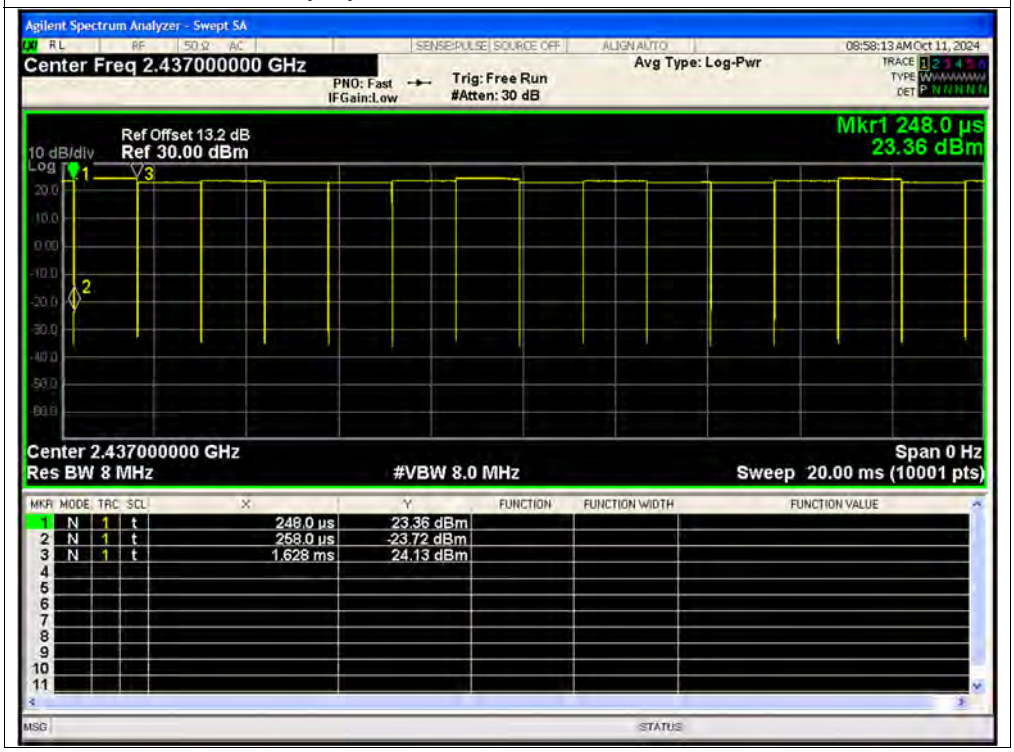
NVNT	ax20 26@0 SISO	2462	Ant1	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	2412	Ant2	99.57	0.02	0.2
NVNT	ax20 26@0 SISO	2437	Ant2	99.57	0.02	0.2
NVNT	ax20 26@0 SISO	2462	Ant2	99.57	0.02	0.2
NVNT	ax20 26@0 MIMO	2412	Sum	99.61	0.02	0.2
NVNT	ax20 26@0 MIMO	2437	Sum	99.57	0.02	0.2
NVNT	ax20 26@0 MIMO	2462	Sum	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	2412	Ant1	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	2437	Ant1	99.57	0.02	0.2
NVNT	ax20 52@37 SISO	2462	Ant1	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	2412	Ant2	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	2437	Ant2	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	2462	Ant2	99.61	0.02	0.2
NVNT	ax20 52@37 MIMO	2412	Sum	99.57	0.02	0.2
NVNT	ax20 52@37 MIMO	2437	Sum	99.61	0.02	0.2
NVNT	ax20 52@37 MIMO	2462	Sum	99.57	0.02	0.2
NVNT	ax20 106@53 SISO	2412	Ant1	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	2437	Ant1	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	2462	Ant1	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	2412	Ant2	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	2437	Ant2	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	2462	Ant2	99.58	0.02	0.21
NVNT	ax20 106@53 MIMO	2412	Sum	99.58	0.02	0.21
NVNT	ax20 106@53 MIMO	2437	Sum	99.58	0.02	0.21
NVNT	ax20 106@53 MIMO	2462	Sum	99.54	0.02	0.21
NVNT	ax40 26@0 SISO	2422	Ant1	99.61	0.02	0.2
NVNT	ax40 26@0 SISO	2437	Ant1	99.61	0.02	0.2
NVNT	ax40 26@0 SISO	2452	Ant1	99.61	0.02	0.2
NVNT	ax40 26@0 SISO	2422	Ant2	99.61	0.02	0.2
NVNT	ax40 26@0 SISO	2437	Ant2	99.61	0.02	0.2
NVNT	ax40 26@0 SISO	2452	Ant2	99.61	0.02	0.2
NVNT	ax40 26@0 MIMO	2422	Sum	99.61	0.02	0.2
NVNT	ax40 26@0 MIMO	2437	Sum	99.61	0.02	0.2
NVNT	ax40 26@0 MIMO	2452	Sum	99.61	0.02	0.2
NVNT	ax40 52@37 SISO	2422	Ant1	99.61	0.02	0.2
NVNT	ax40 52@37 SISO	2437	Ant1	99.61	0.02	0.2
NVNT	ax40 52@37 SISO	2452	Ant1	99.61	0.02	0.2
NVNT	ax40 52@37 SISO	2422	Ant2	99.61	0.02	0.2

NVNT	ax40 52@37 SISO	2437	Ant2	99.61	0.02	0.2
NVNT	ax40 52@37 SISO	2452	Ant2	99.61	0.02	0.2
NVNT	ax40 52@37 MIMO	2422	Sum	99.61	0.02	0.2
NVNT	ax40 52@37 MIMO	2437	Sum	99.61	0.02	0.2
NVNT	ax40 52@37 MIMO	2452	Sum	99.61	0.02	0.2
NVNT	ax40 106@53 SISO	2422	Ant1	99.58	0.02	0.21
NVNT	ax40 106@53 SISO	2437	Ant1	99.58	0.02	0.21
NVNT	ax40 106@53 SISO	2452	Ant1	99.58	0.02	0.21
NVNT	ax40 106@53 SISO	2422	Ant2	99.58	0.02	0.21
NVNT	ax40 106@53 SISO	2437	Ant2	99.58	0.02	0.21
NVNT	ax40 106@53 SISO	2452	Ant2	99.58	0.02	0.21
NVNT	ax40 106@53 MIMO	2422	Sum	99.58	0.02	0.21
NVNT	ax40 106@53 MIMO	2437	Sum	99.58	0.02	0.21
NVNT	ax40 106@53 MIMO	2452	Sum	99.58	0.02	0.21

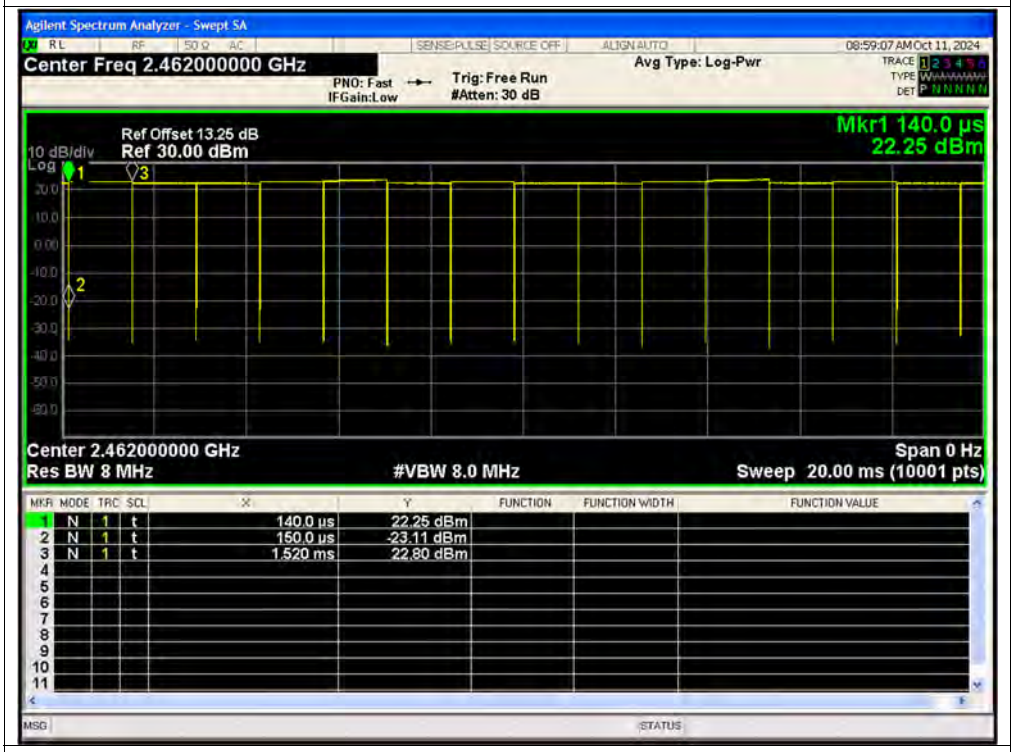
Test Graphs
Duty Cycle NVNT b 2412MHz Ant1 SISO



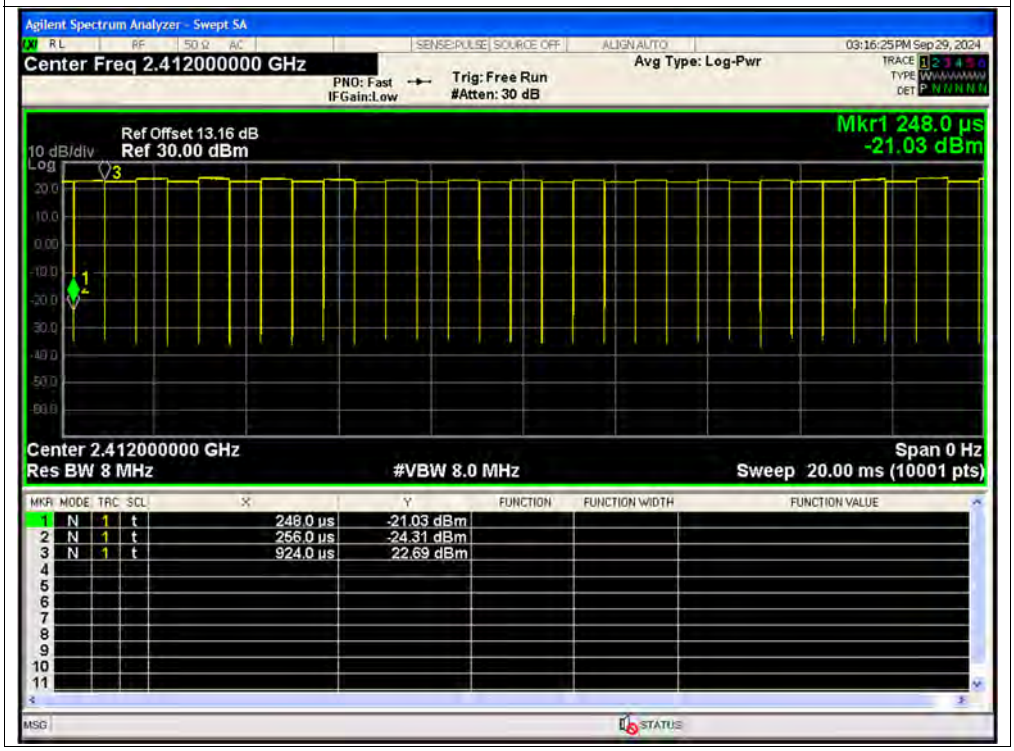
Duty Cycle NVNT b 2437MHz Ant1 SISO



Duty Cycle NVNT b 2462MHz Ant1 SISO



Duty Cycle NVNT b 2412MHz Ant2 SISO



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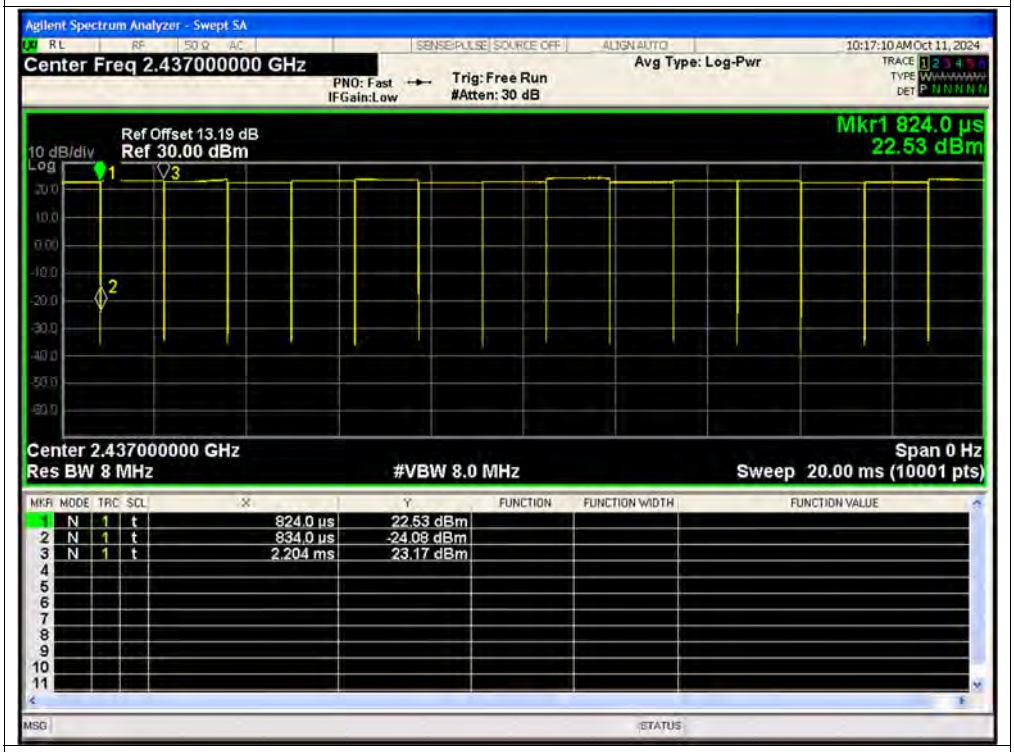
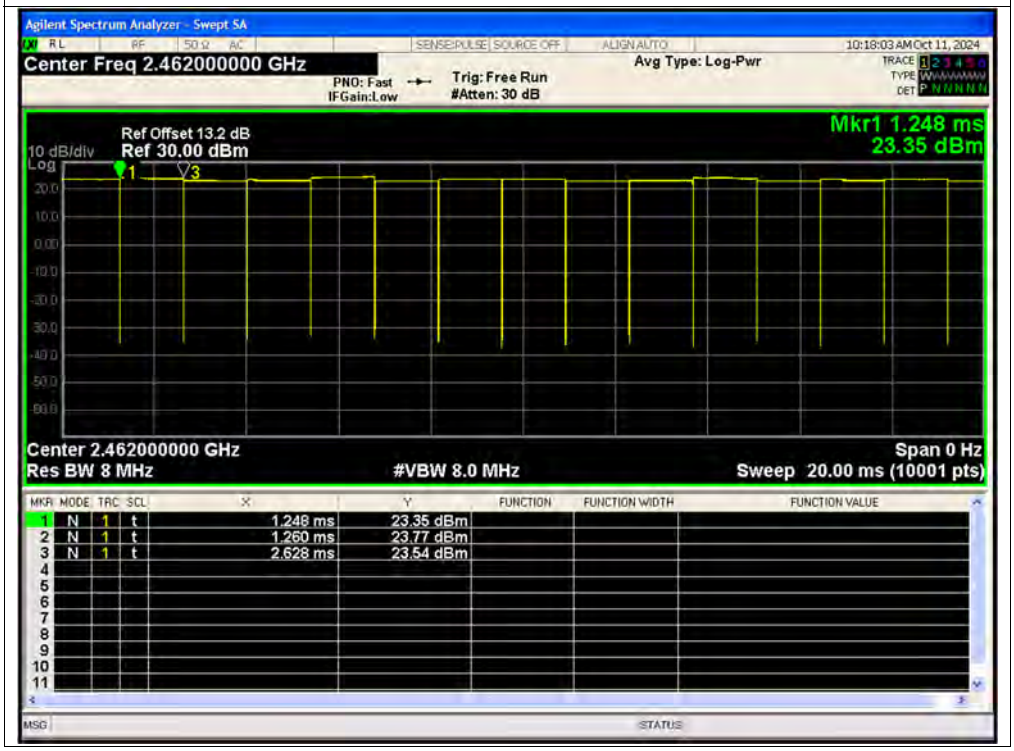
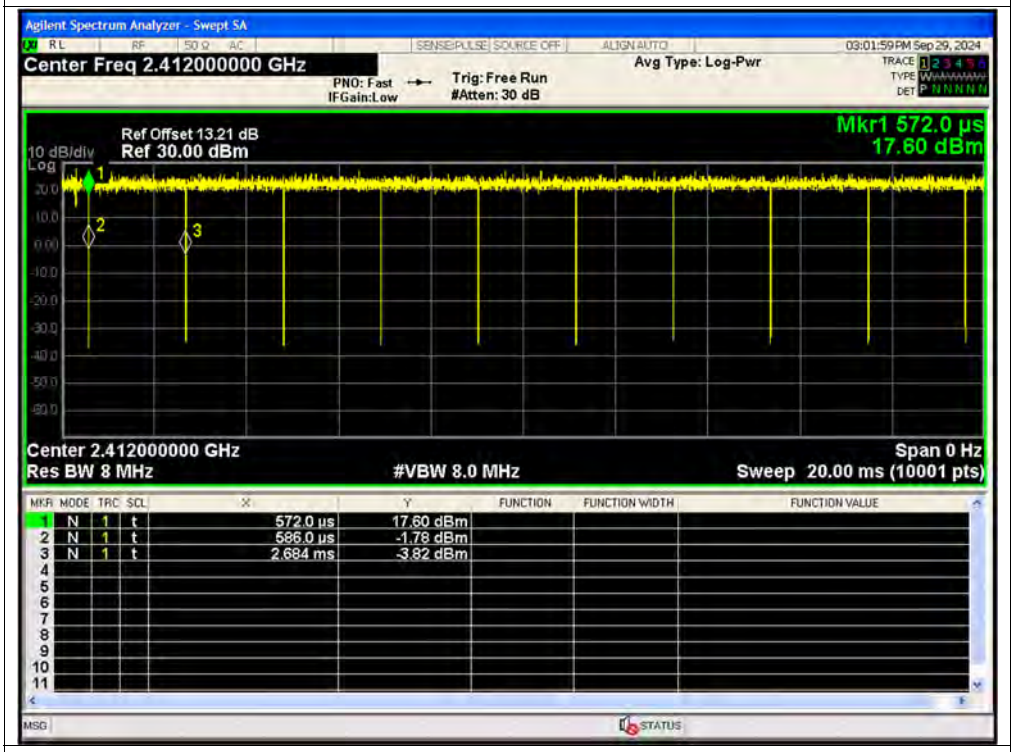


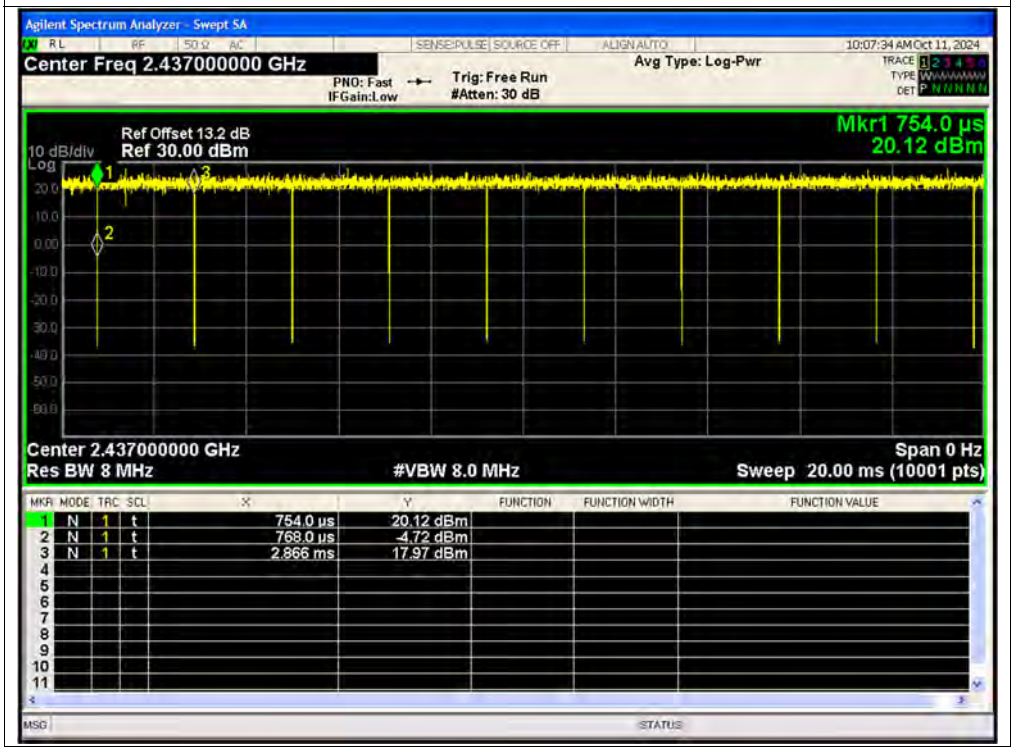
Duty Cycle NVNT b 2462MHz Ant2 SISO



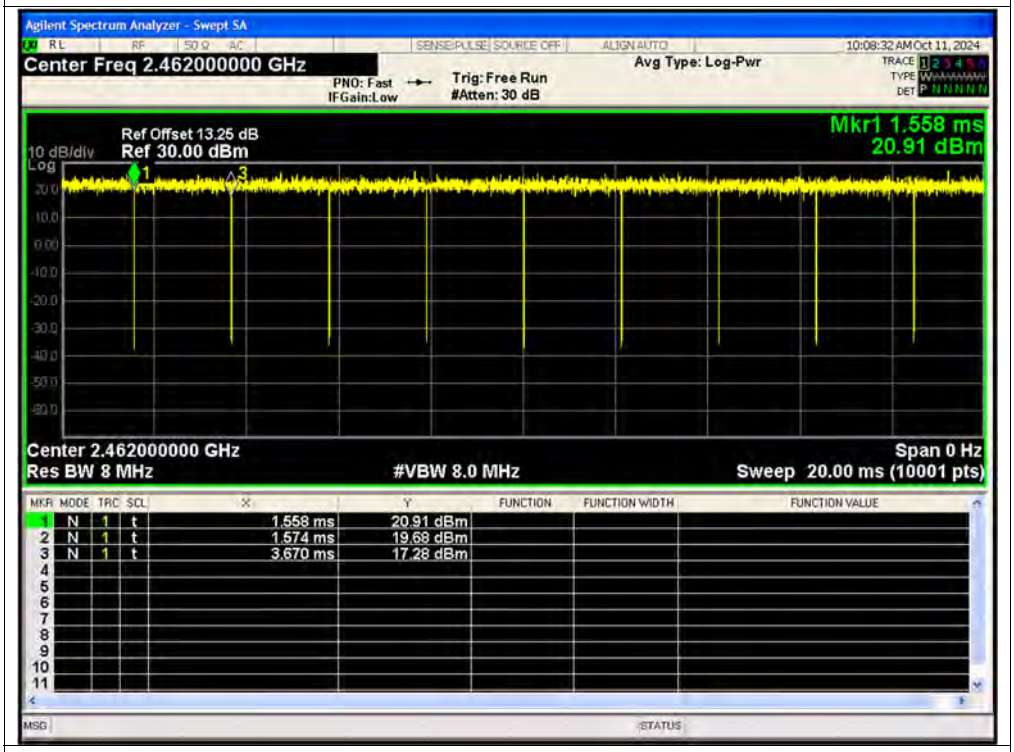
Duty Cycle NVNT g 2412MHz Ant1 SISO



Duty Cycle NVNT g 2437MHz Ant1 SISO



Duty Cycle NVNT g 2462MHz Ant1 SISO



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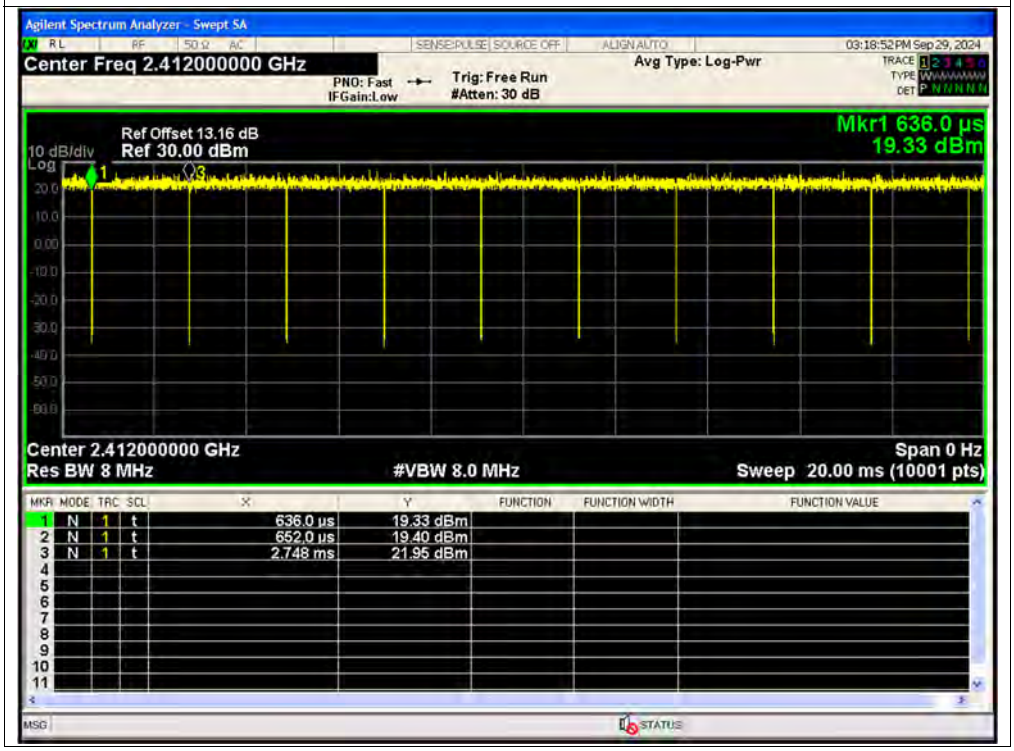
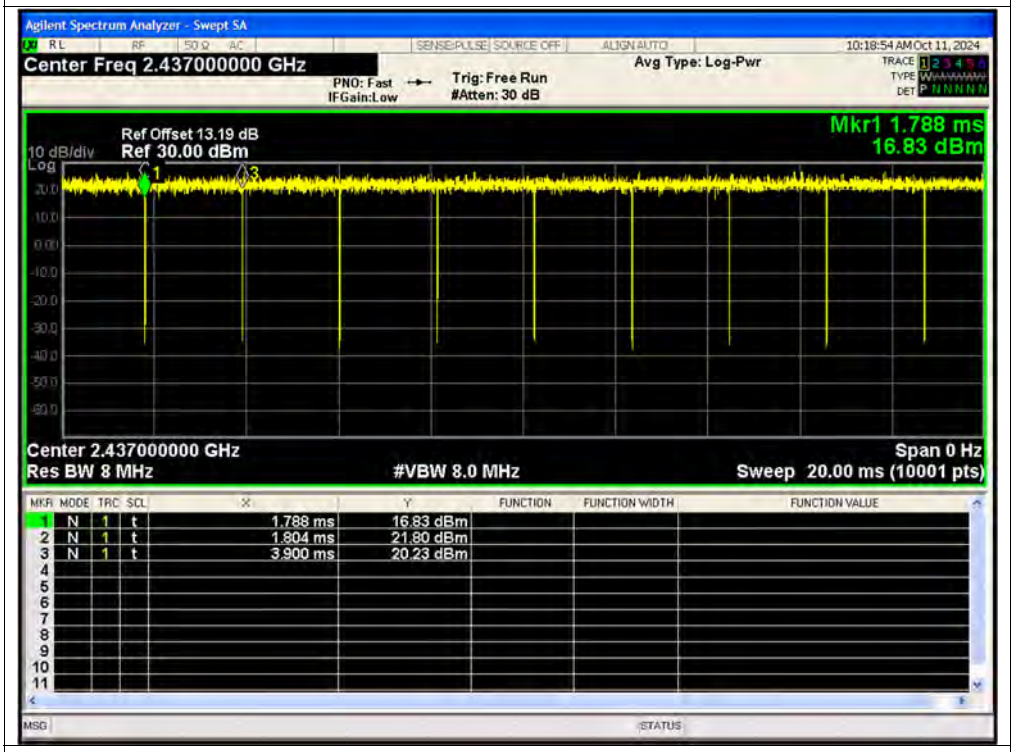
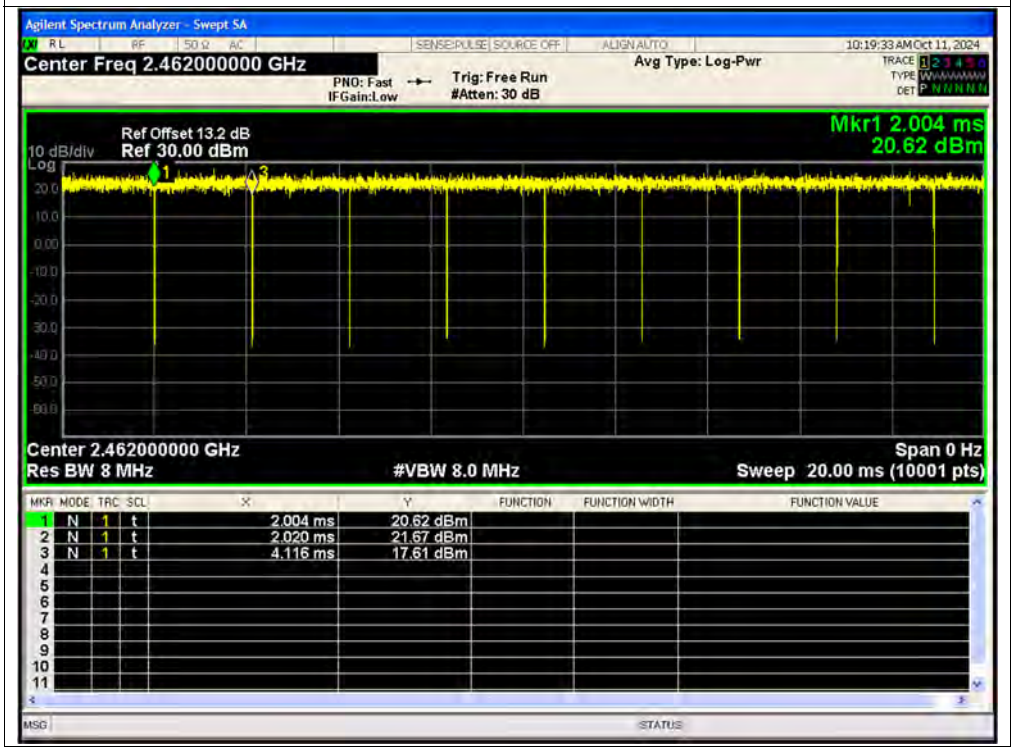


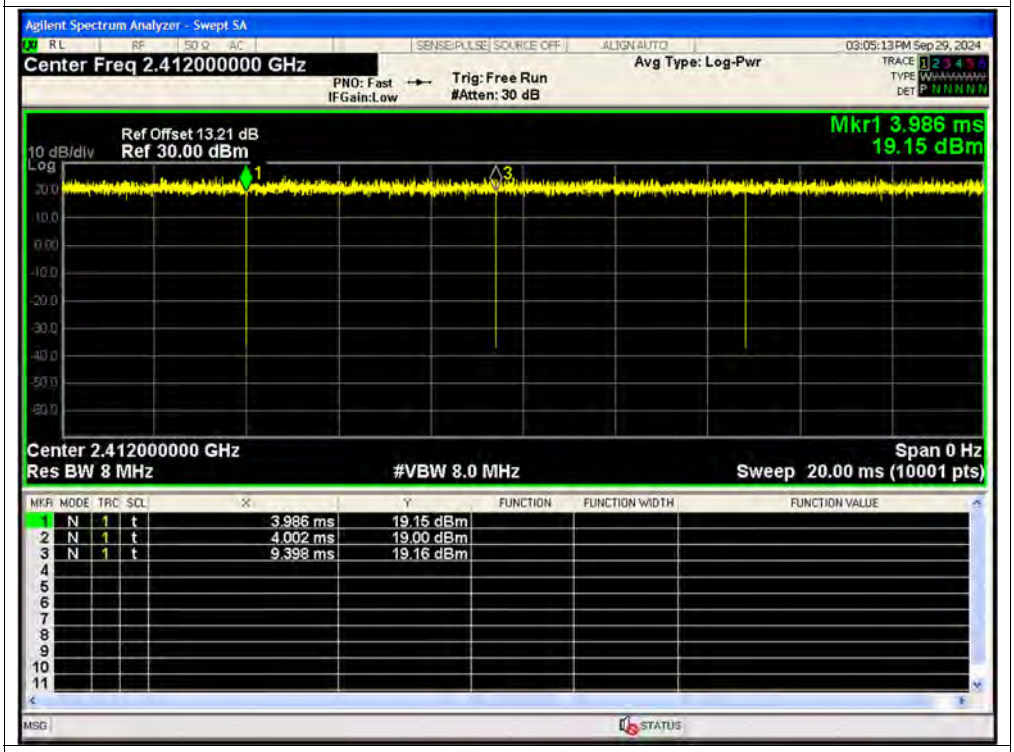
Duty Cycle NVNT g 2437MHz Ant2 SISO



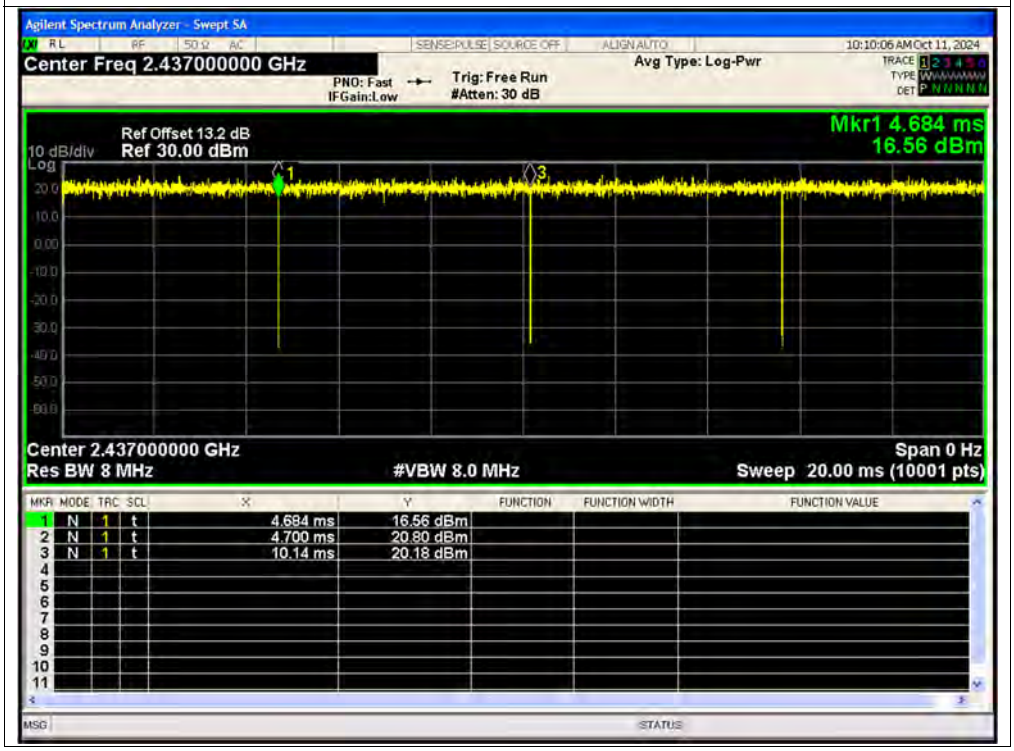
Duty Cycle NVNT g 2462MHz Ant2 SISO



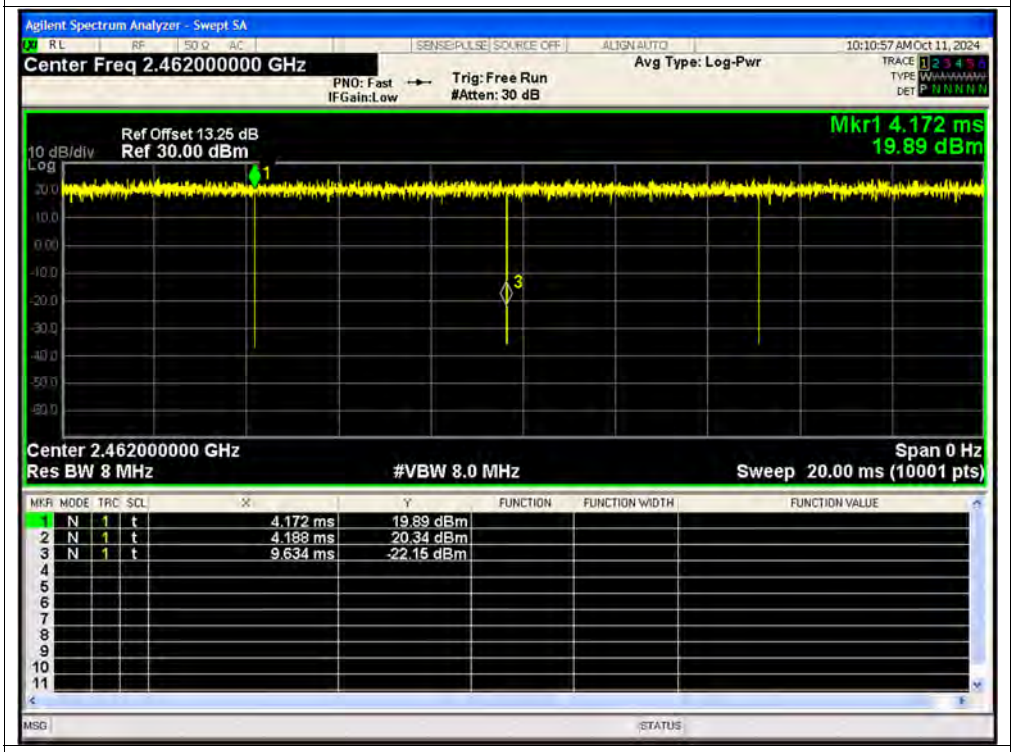
Duty Cycle NVNT n20 2412MHz Ant1 SISO



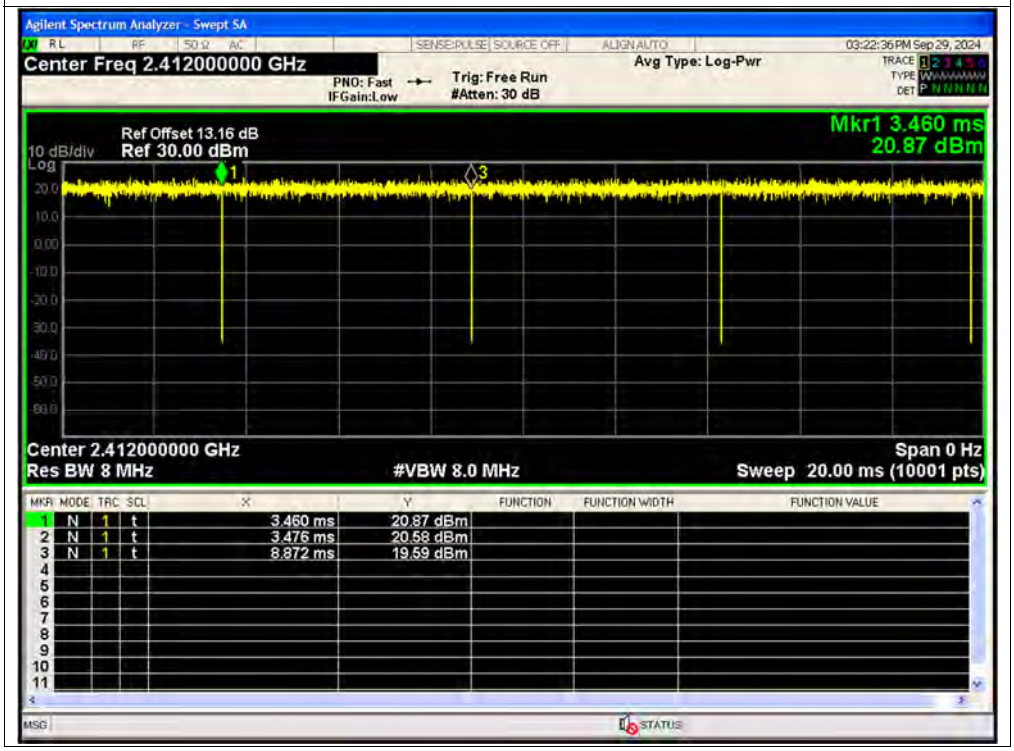
Duty Cycle NVNT n20 2437MHz Ant1 SISO



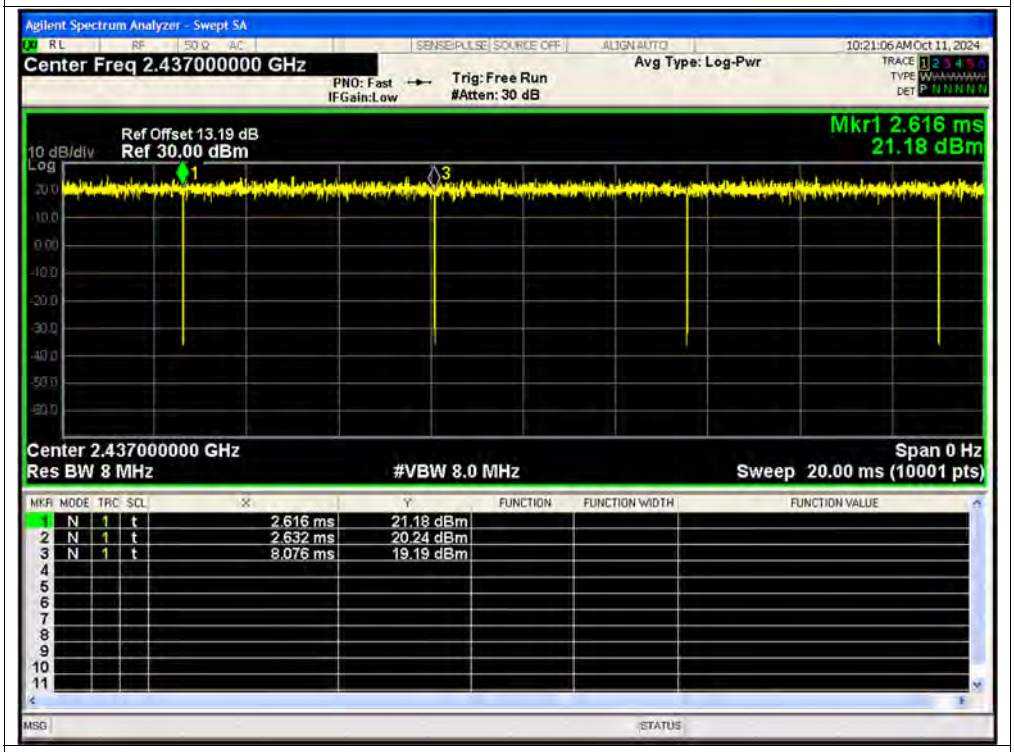
Duty Cycle NVNT n20 2462MHz Ant1 SISO



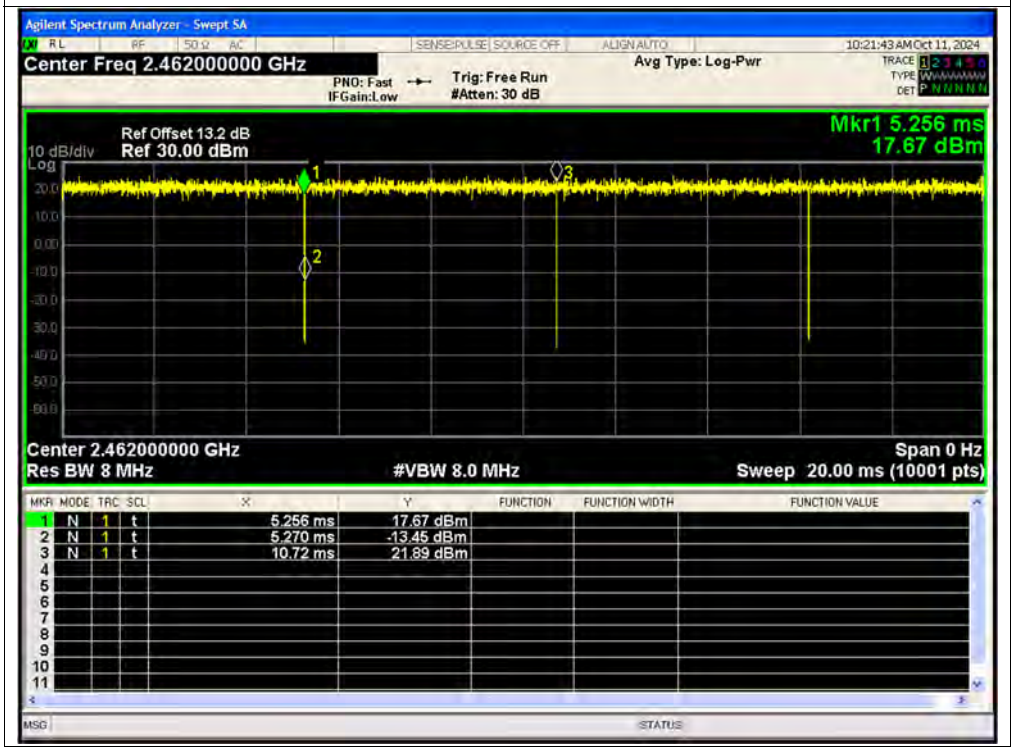
Duty Cycle NVNT n20 2412MHz Ant2 SISO



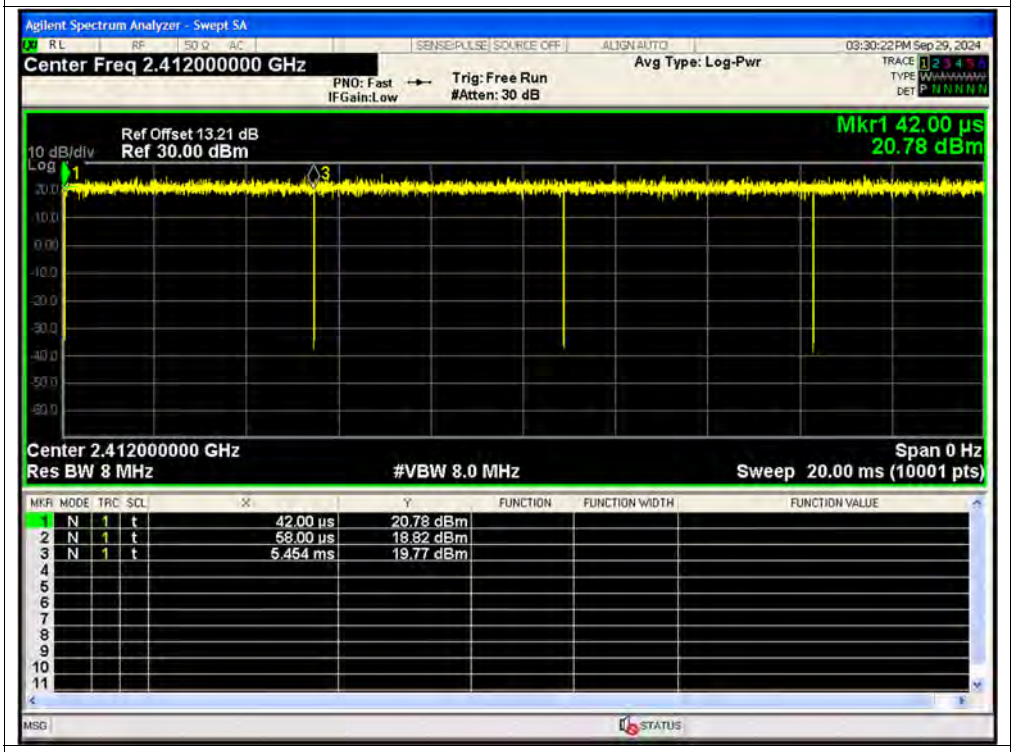
Duty Cycle NVNT n20 2437MHz Ant2 SISO



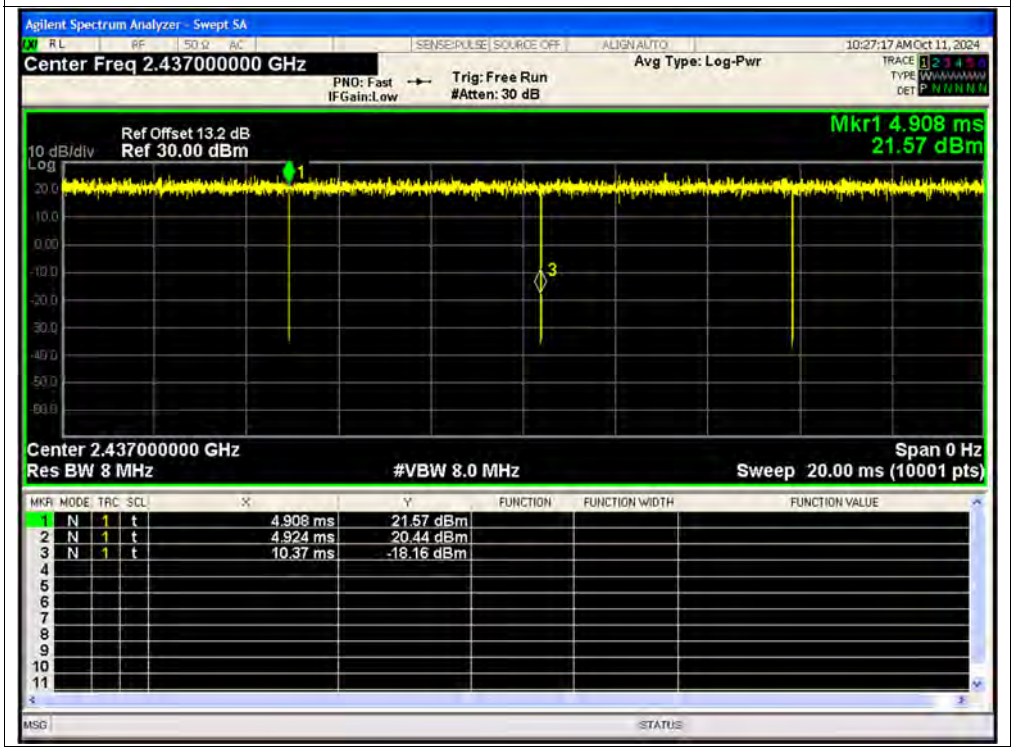
Duty Cycle NVNT n20 2462MHz Ant2 SISO



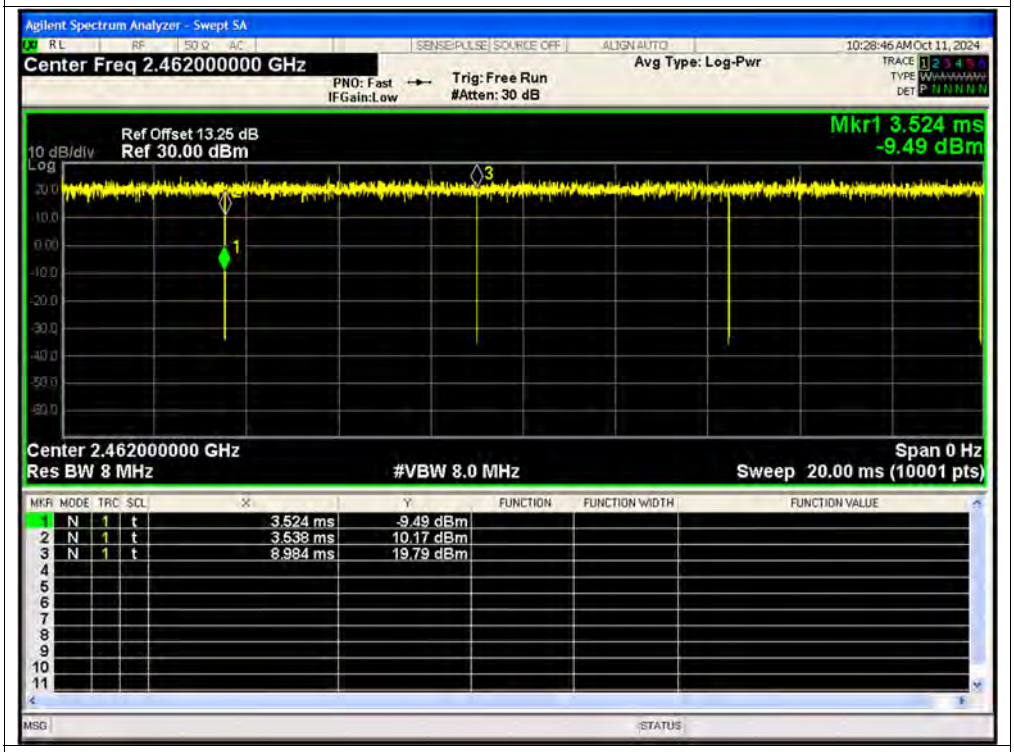
Duty Cycle NVNT n20 2412MHz Sum MIMO



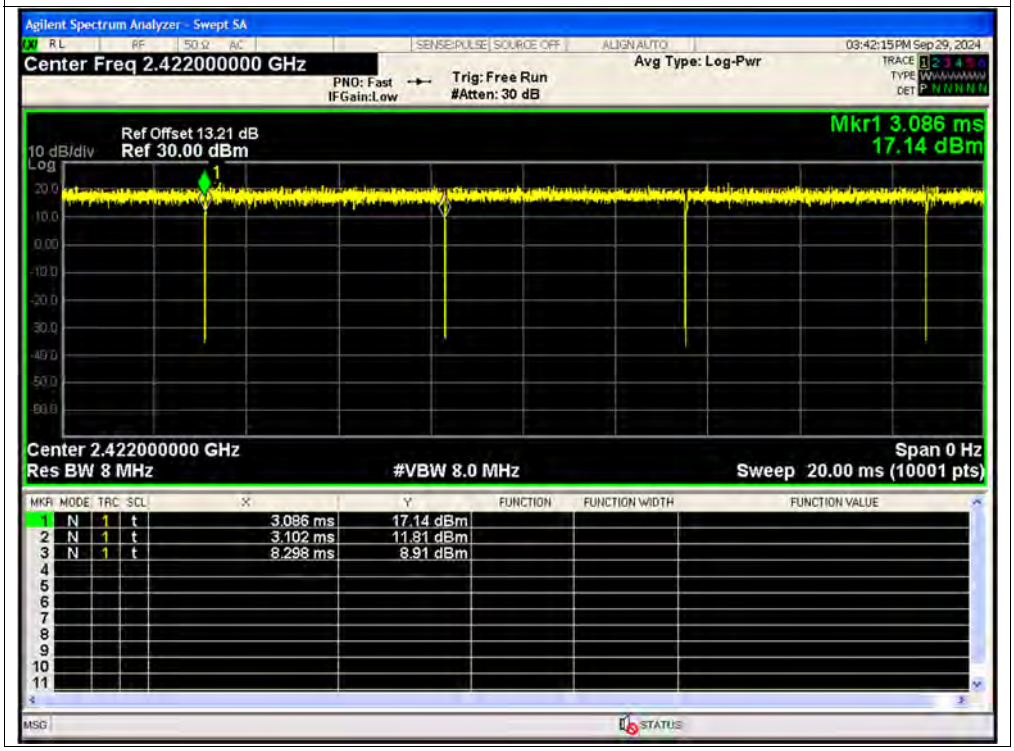
Duty Cycle NVNT n20 2437MHz Sum MIMO



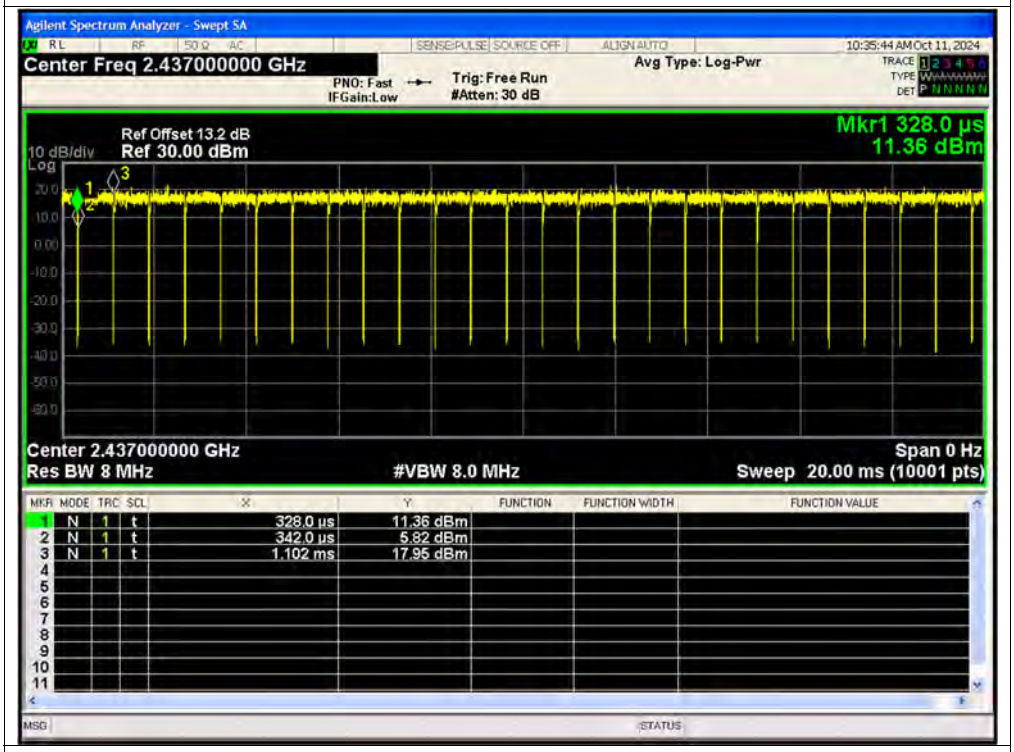
Duty Cycle NVNT n20 2462MHz Sum MIMO



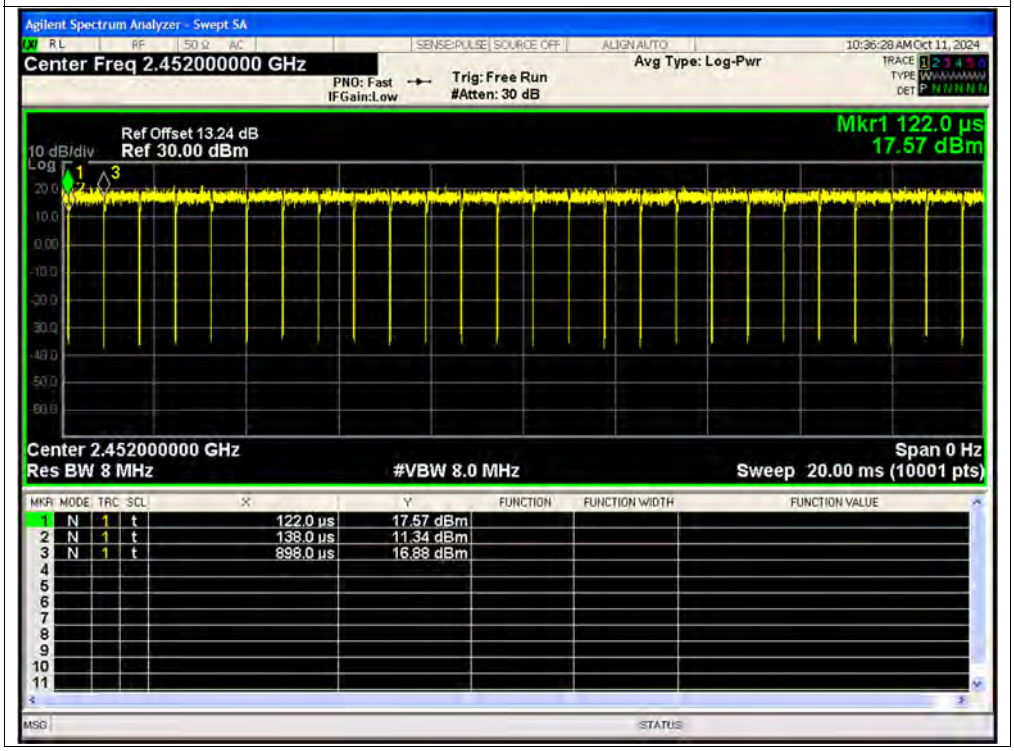
Duty Cycle NVNT n40 2422MHz Ant1 SISO



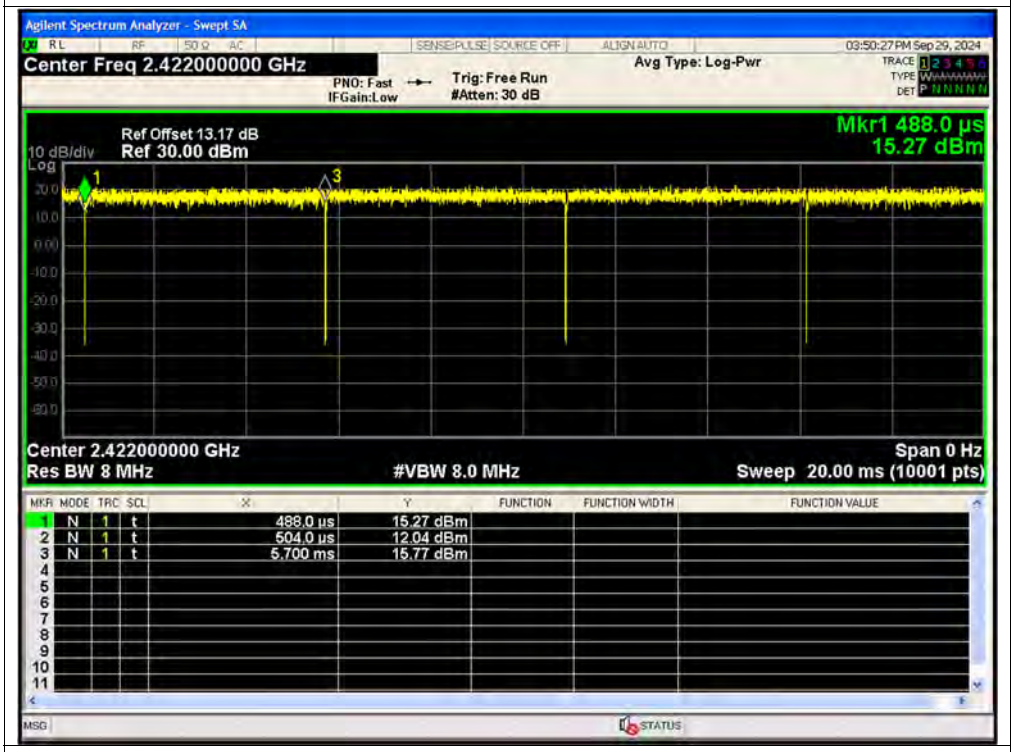
Duty Cycle NVNT n40 2437MHz Ant1 SISO



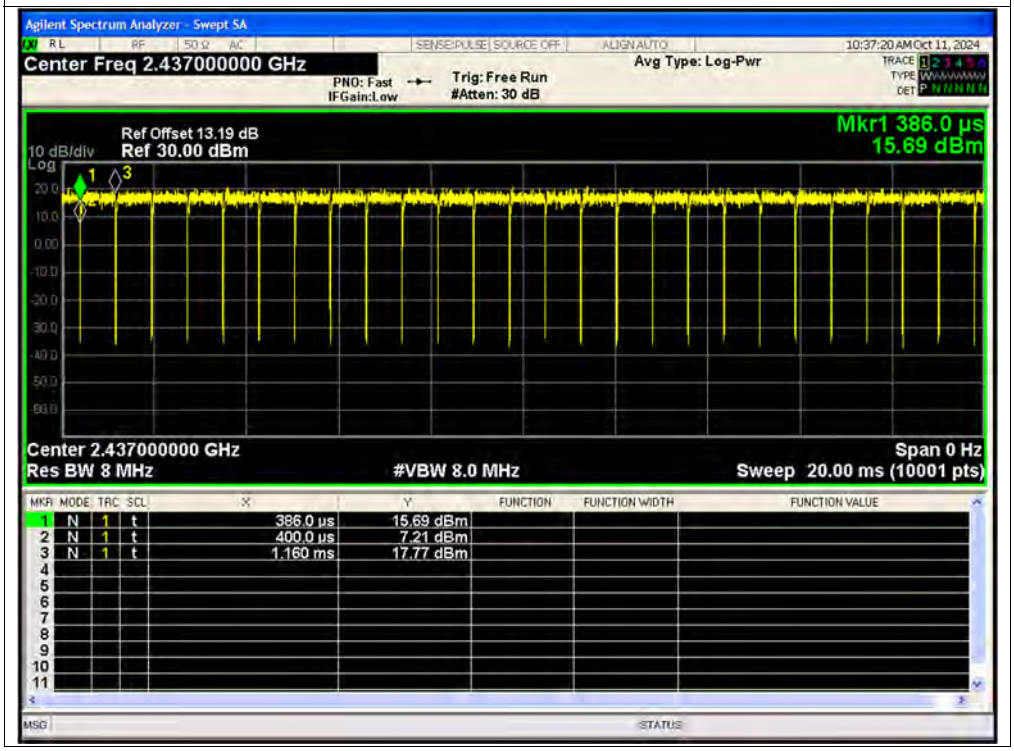
Duty Cycle NVNT n40 2452MHz Ant1 SISO



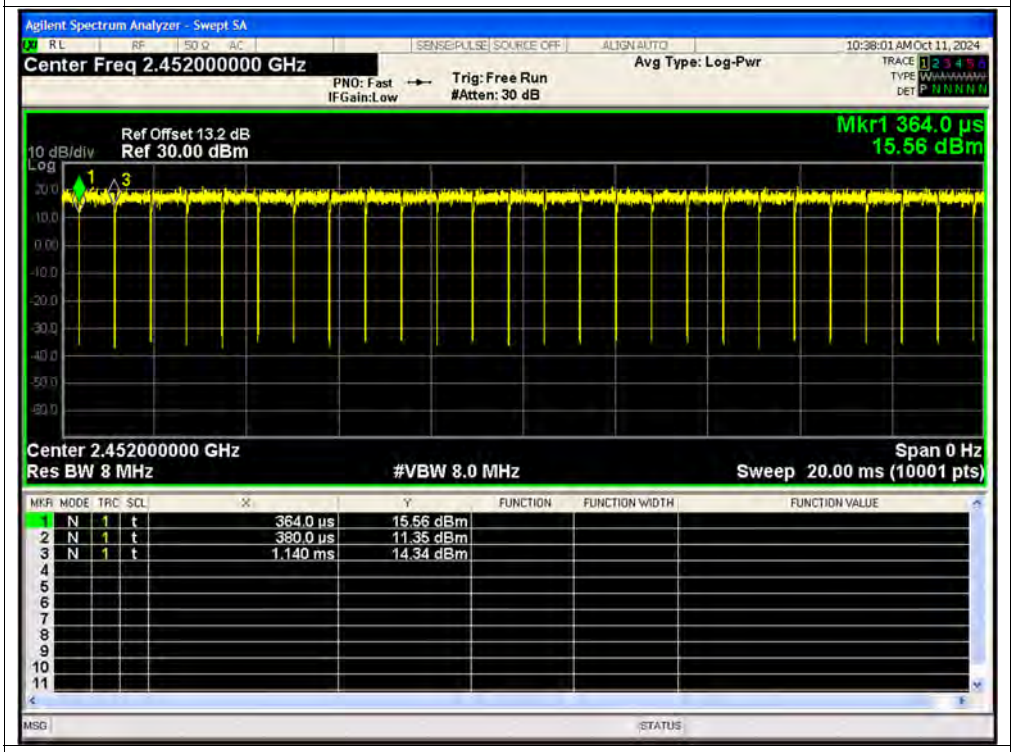
Duty Cycle NVNT n40 2422MHz Ant2 SISO



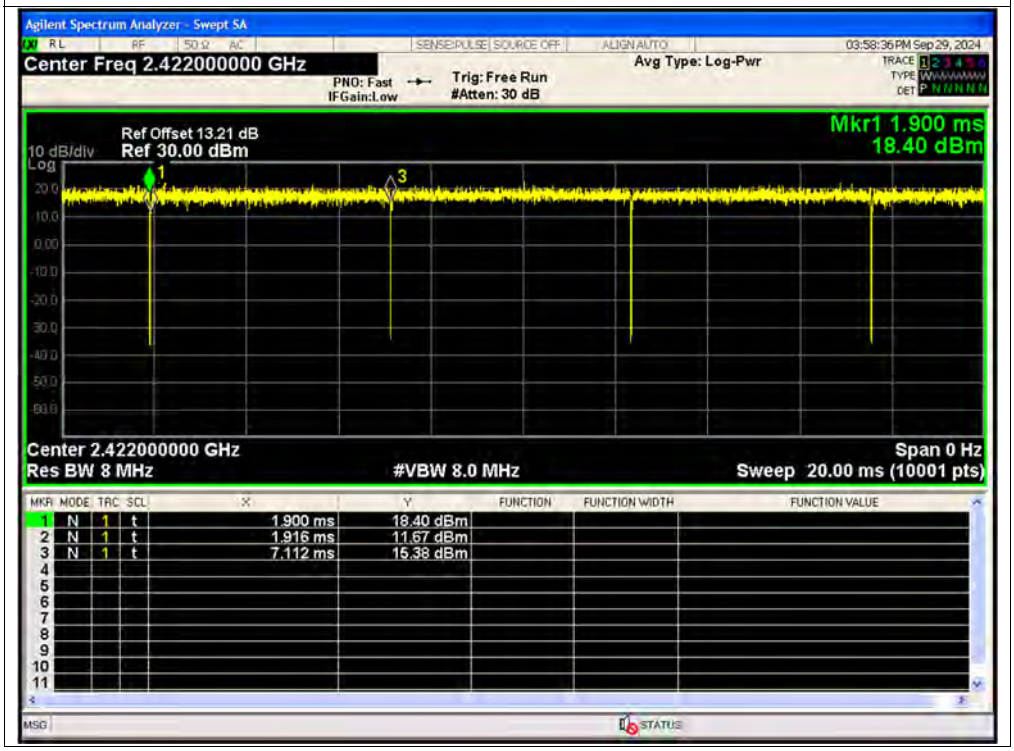
Duty Cycle NVNT n40 2437MHz Ant2 SISO



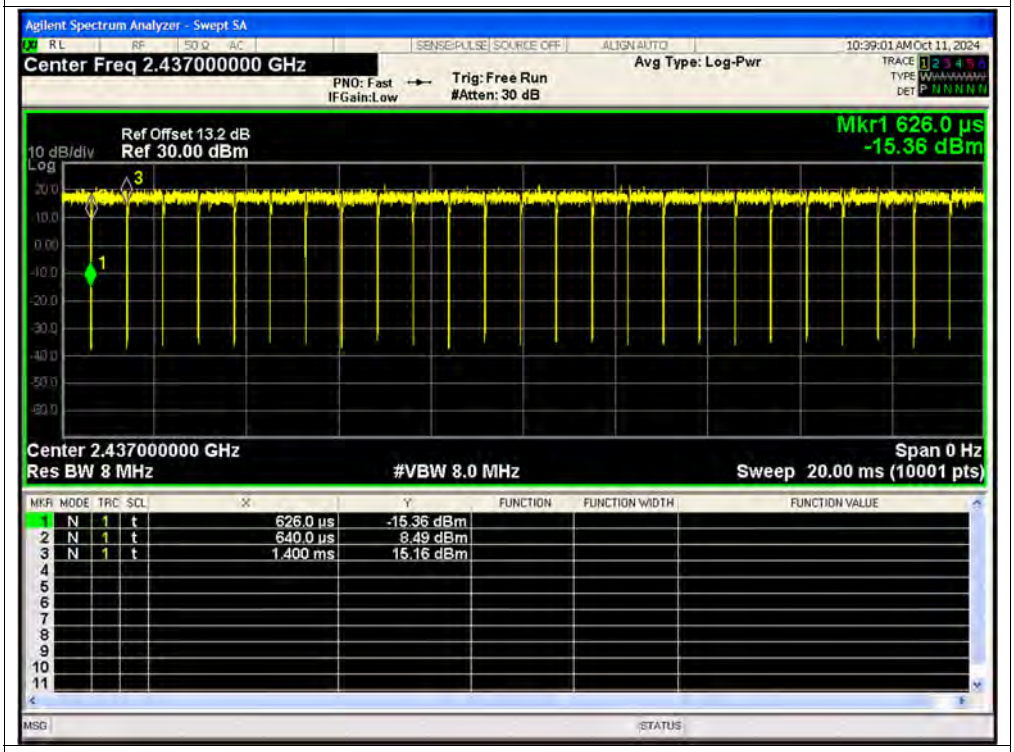
Duty Cycle NVNT n40 2452MHz Ant2 SISO



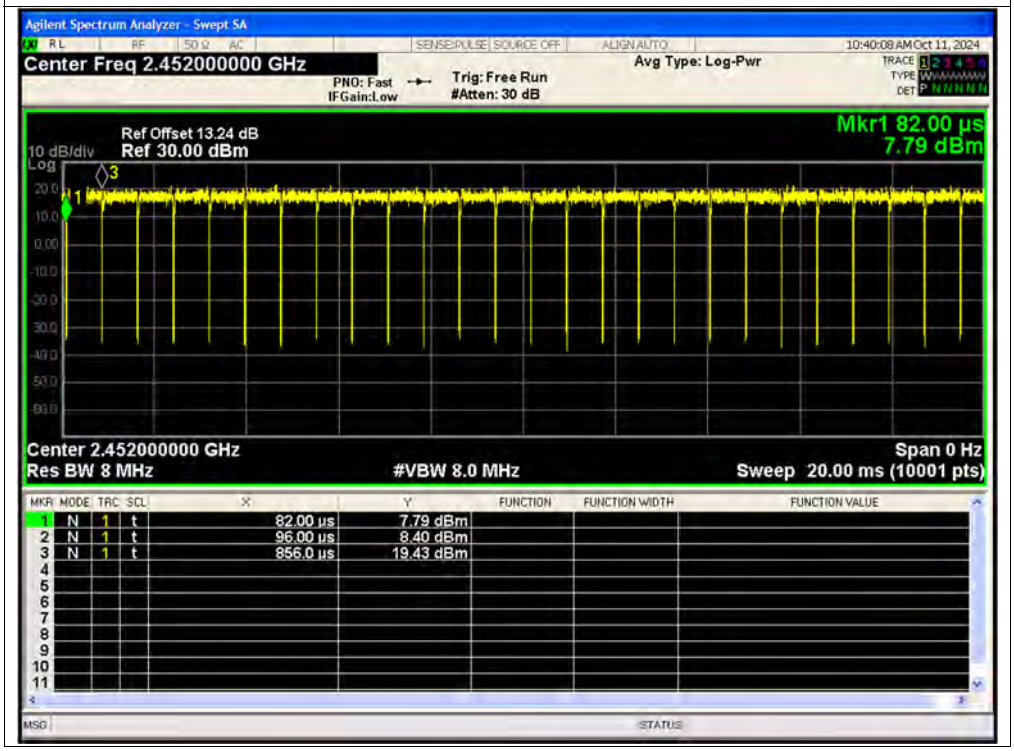
Duty Cycle NVNT n40 2422MHz Sum MIMO



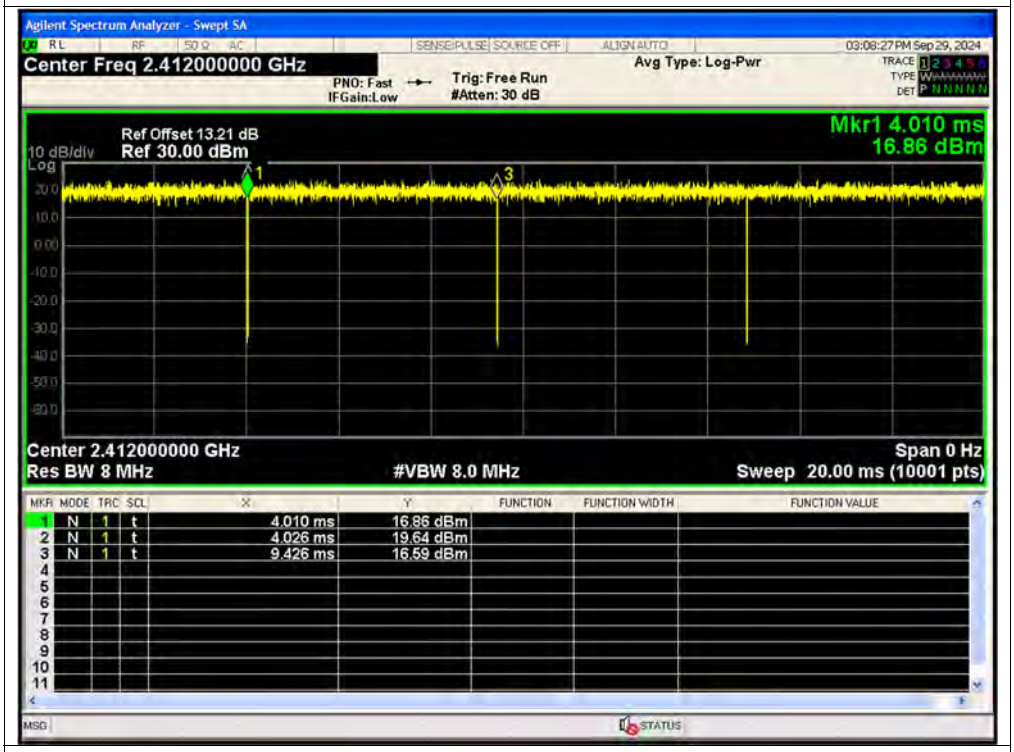
Duty Cycle NVNT n40 2437MHz Sum MIMO



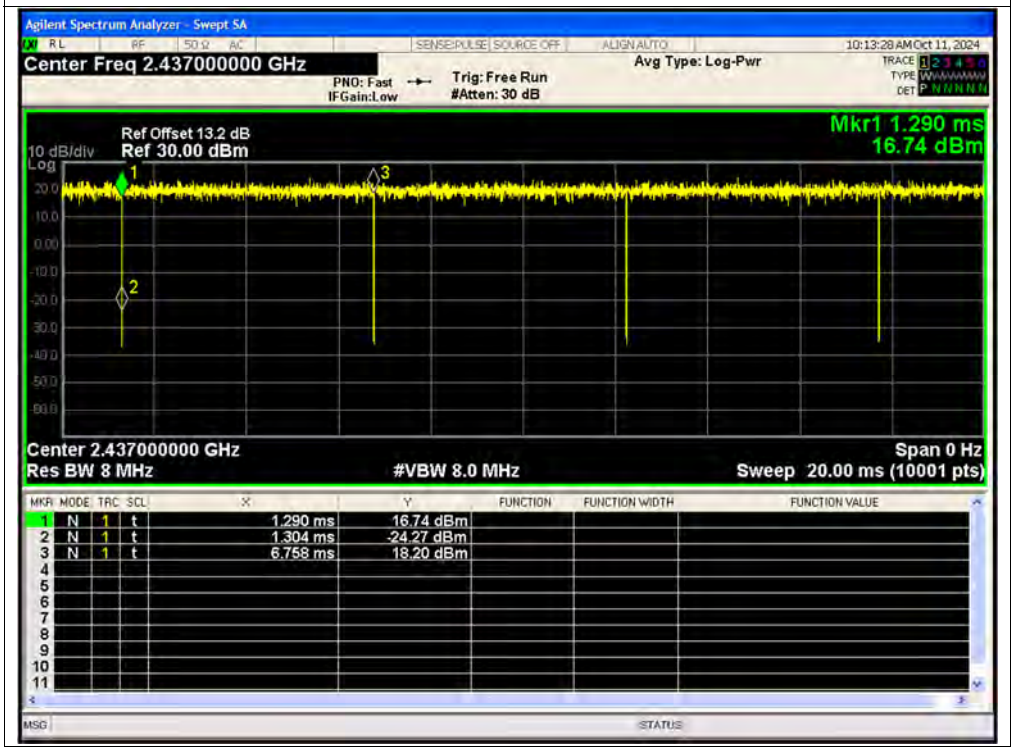
Duty Cycle NVNT n40 2452MHz Sum MIMO



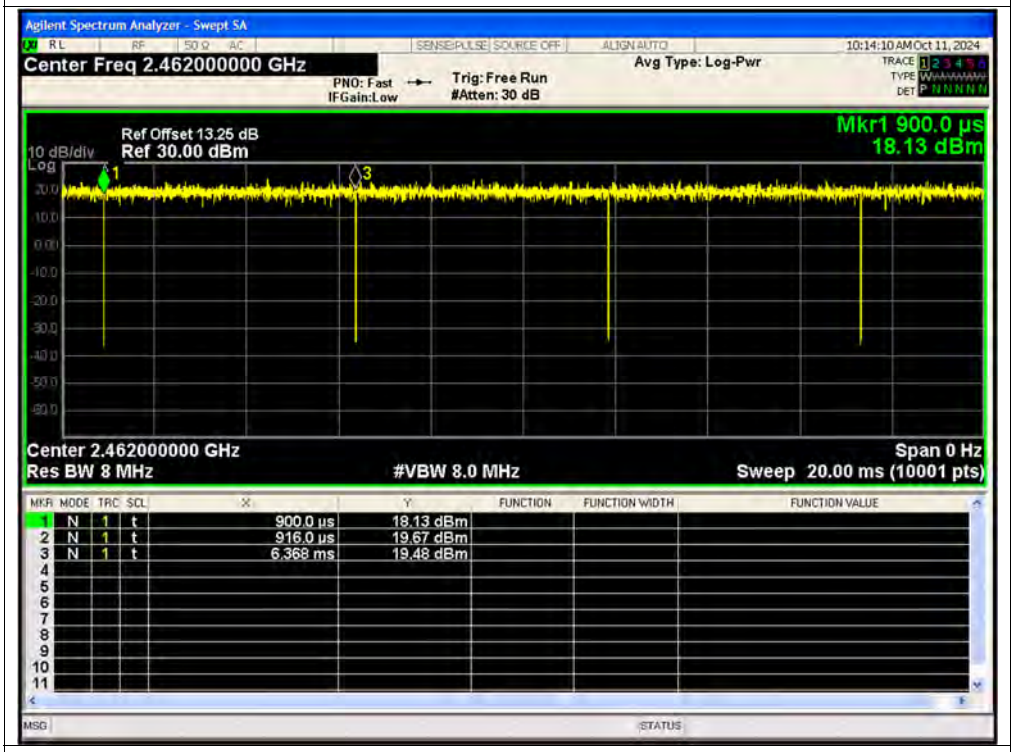
Duty Cycle NVNT ac20 2412MHz Ant1 SISO



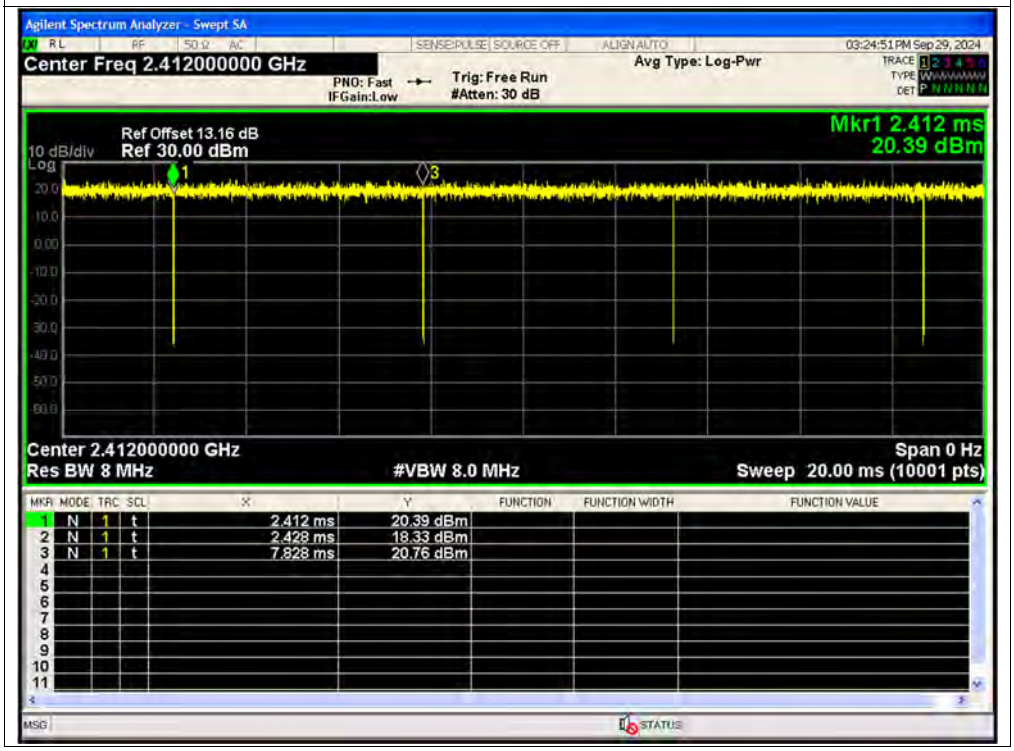
Duty Cycle NVNT ac20 2437MHz Ant1 SISO



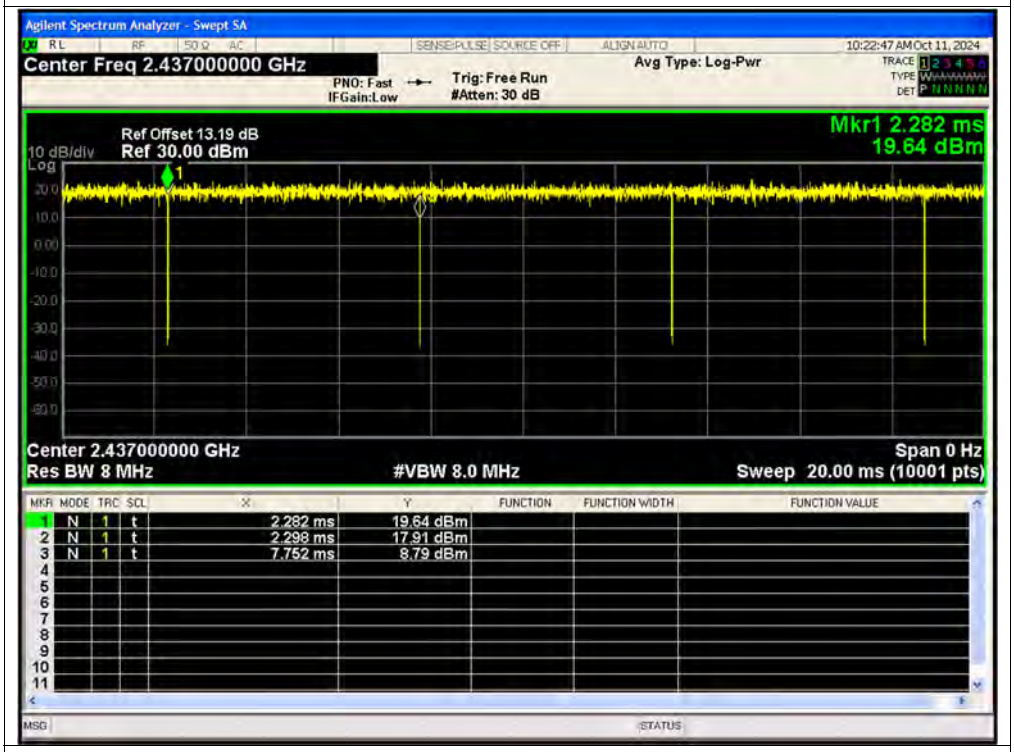
Duty Cycle NVNT ac20 2462MHz Ant1 SISO



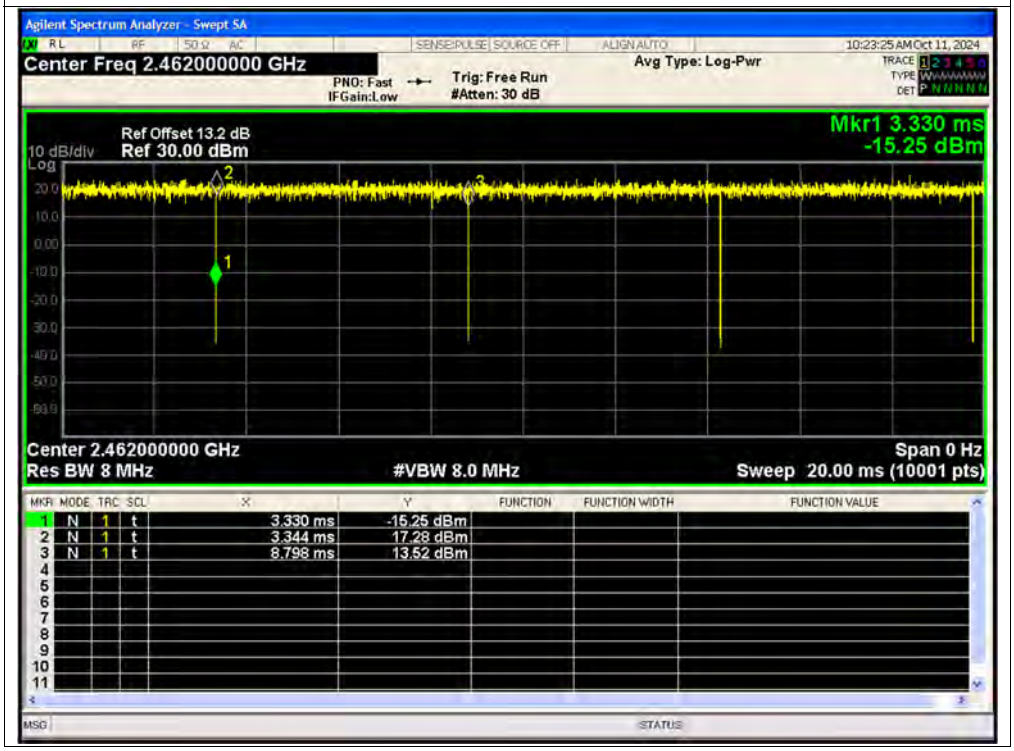
Duty Cycle NVNT ac20 2412MHz Ant2 SISO



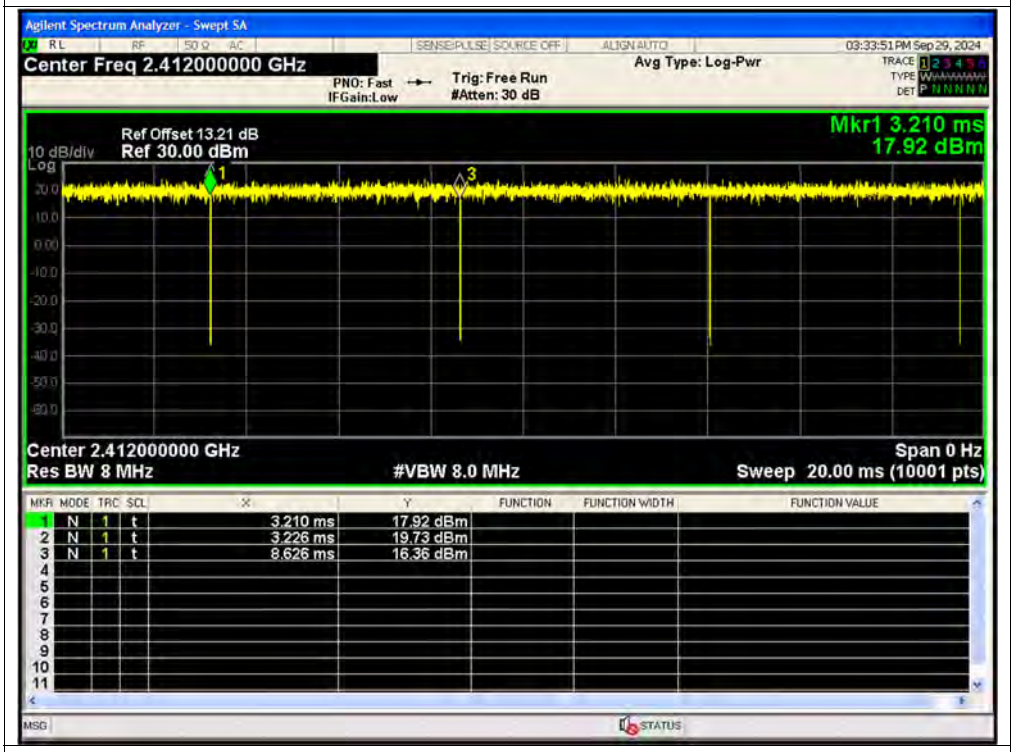
Duty Cycle NVNT ac20 2437MHz Ant2 SISO



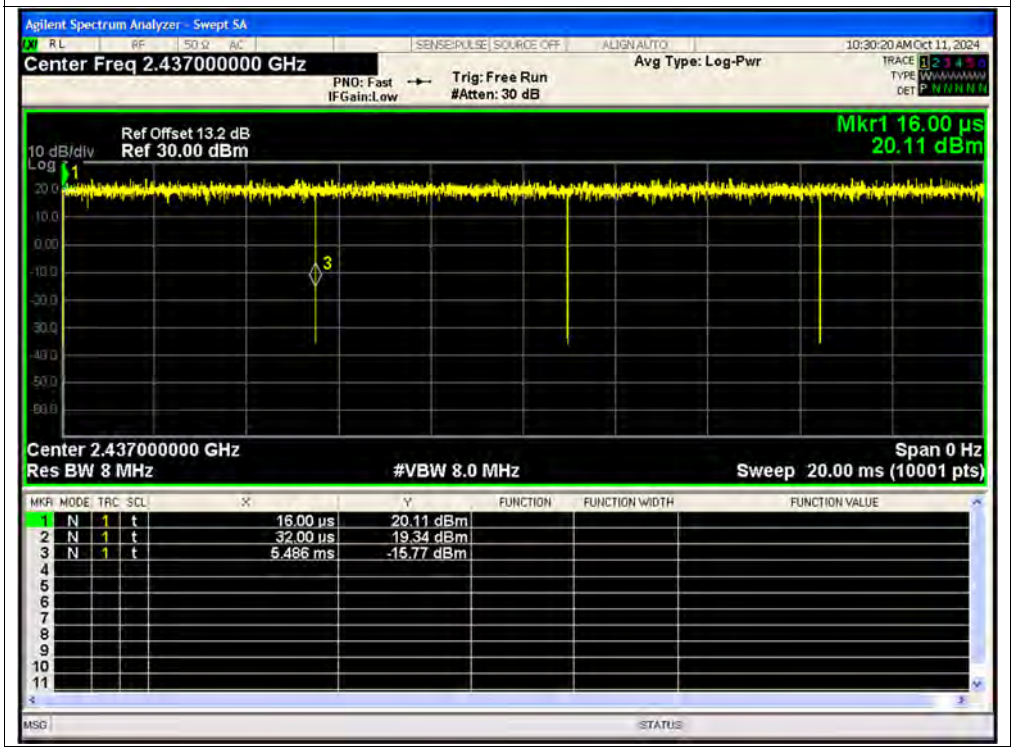
Duty Cycle NVNT ac20 2462MHz Ant2 SISO



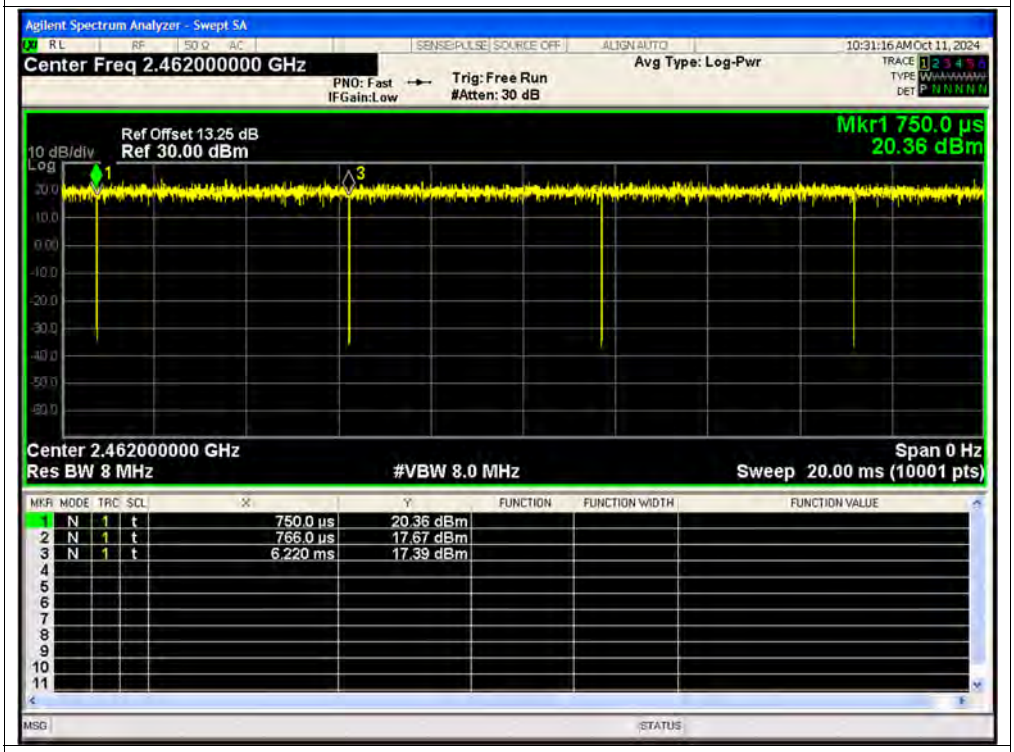
Duty Cycle NVNT ac20 2412MHz Sum MIMO



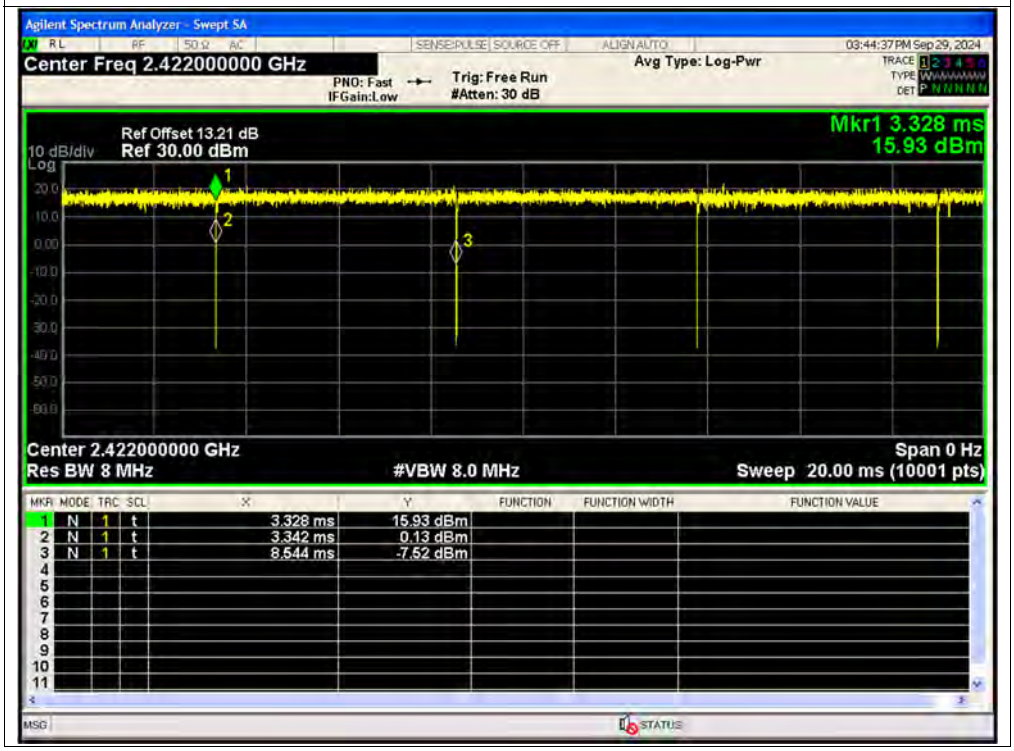
Duty Cycle NVNT ac20 2437MHz Sum MIMO



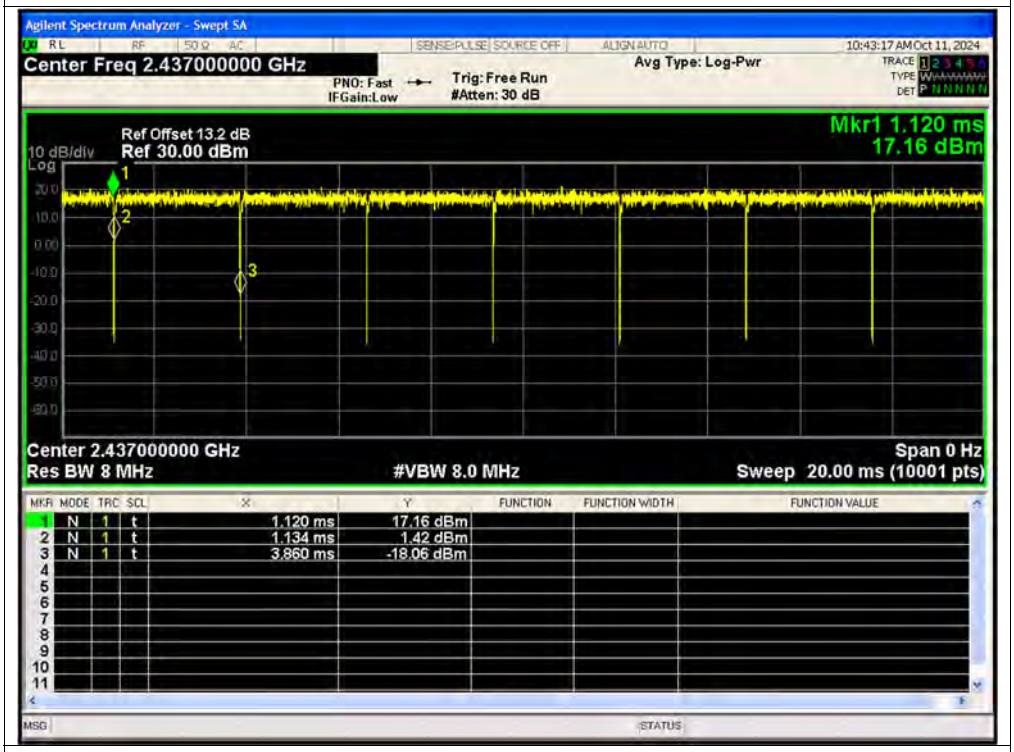
Duty Cycle NVNT ac20 2462MHz Sum MIMO



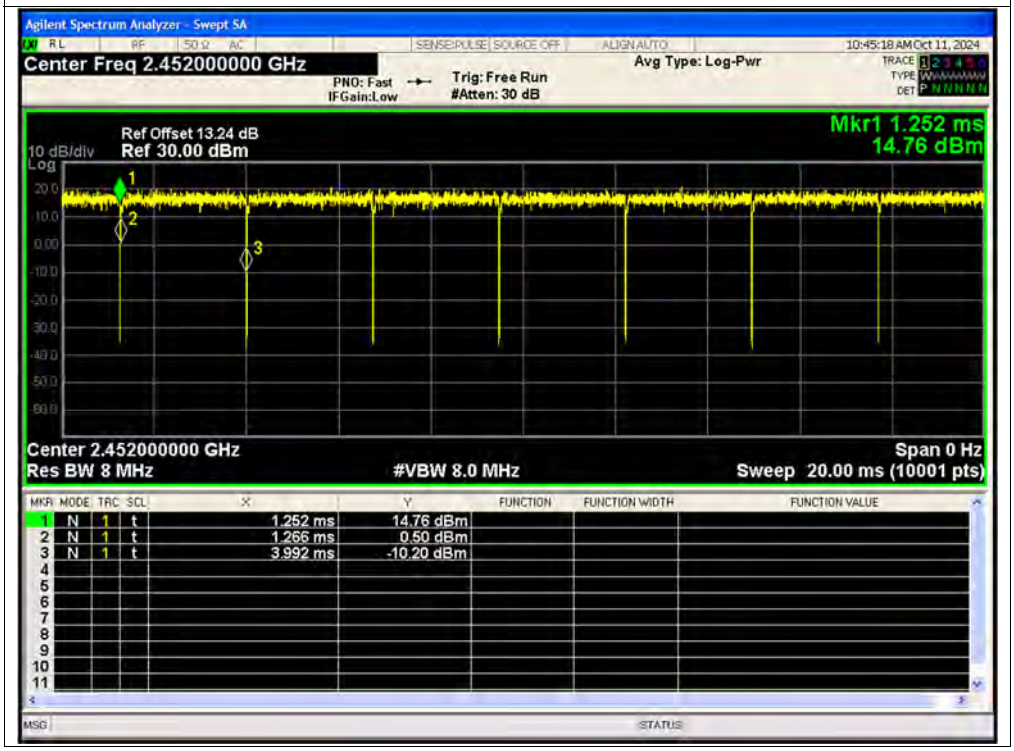
Duty Cycle NVNT ac40 2422MHz Ant1 SISO



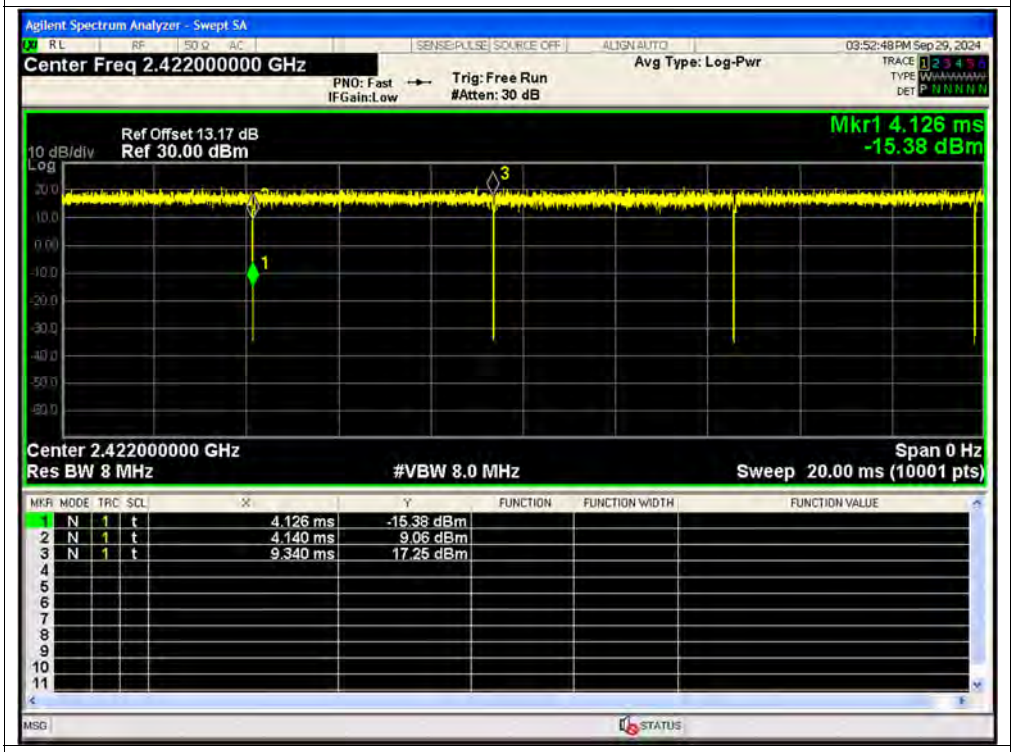
Duty Cycle NVNT ac40 2437MHz Ant1 SISO



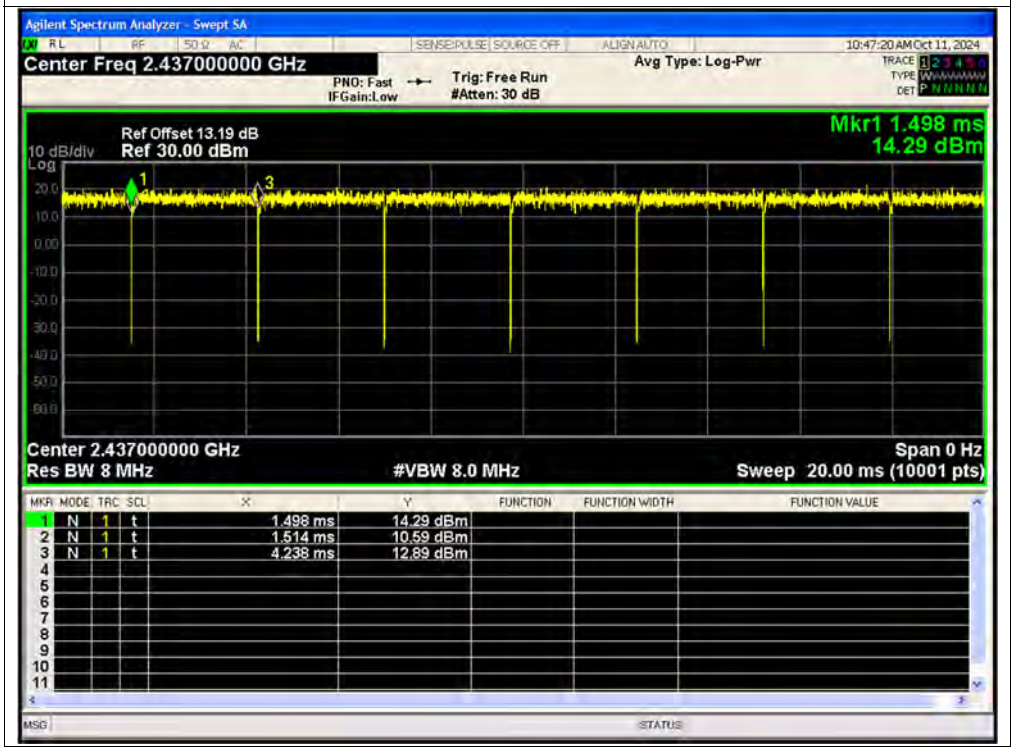
Duty Cycle NVNT ac40 2452MHz Ant1 SISO



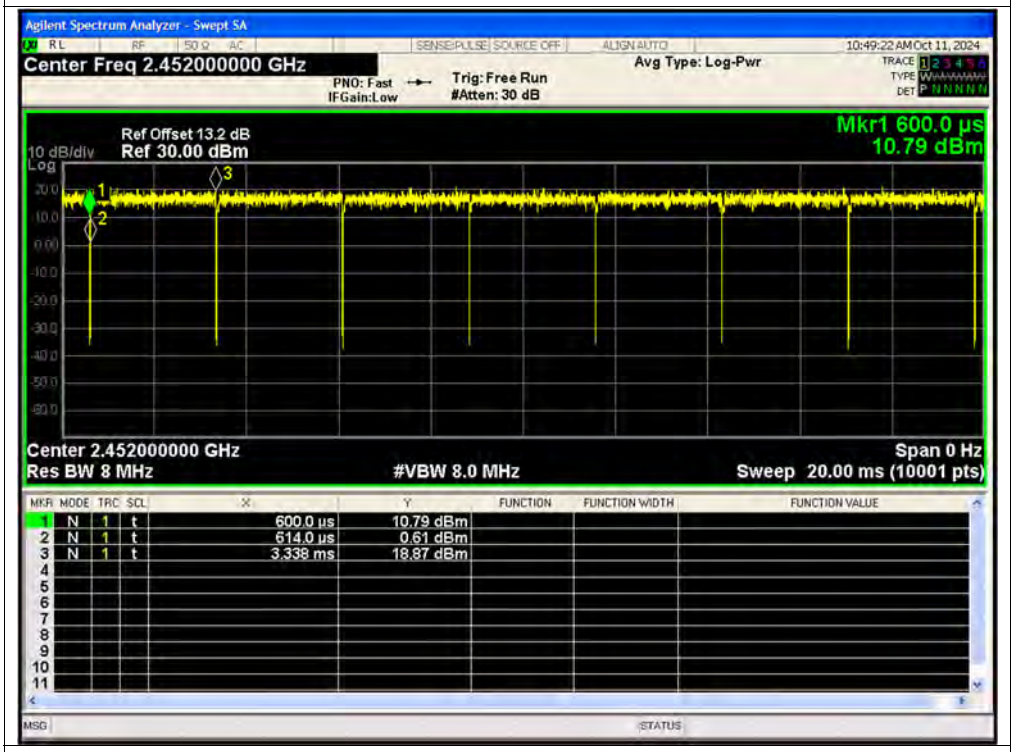
Duty Cycle NVNT ac40 2422MHz Ant2 SISO



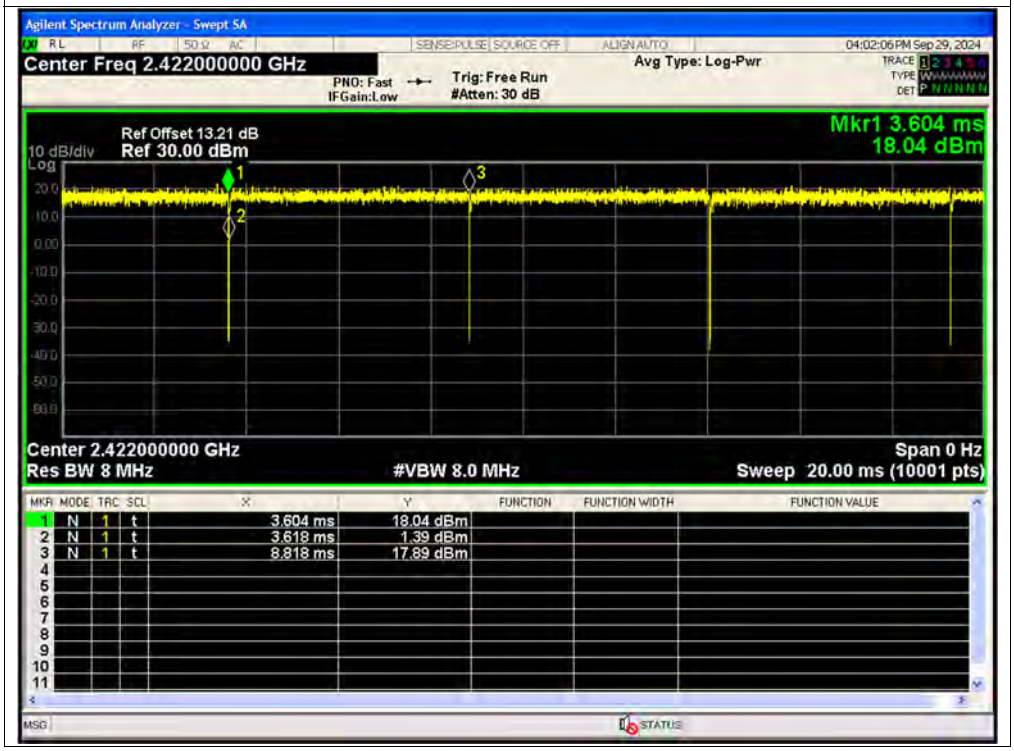
Duty Cycle NVNT ac40 2437MHz Ant2 SISO



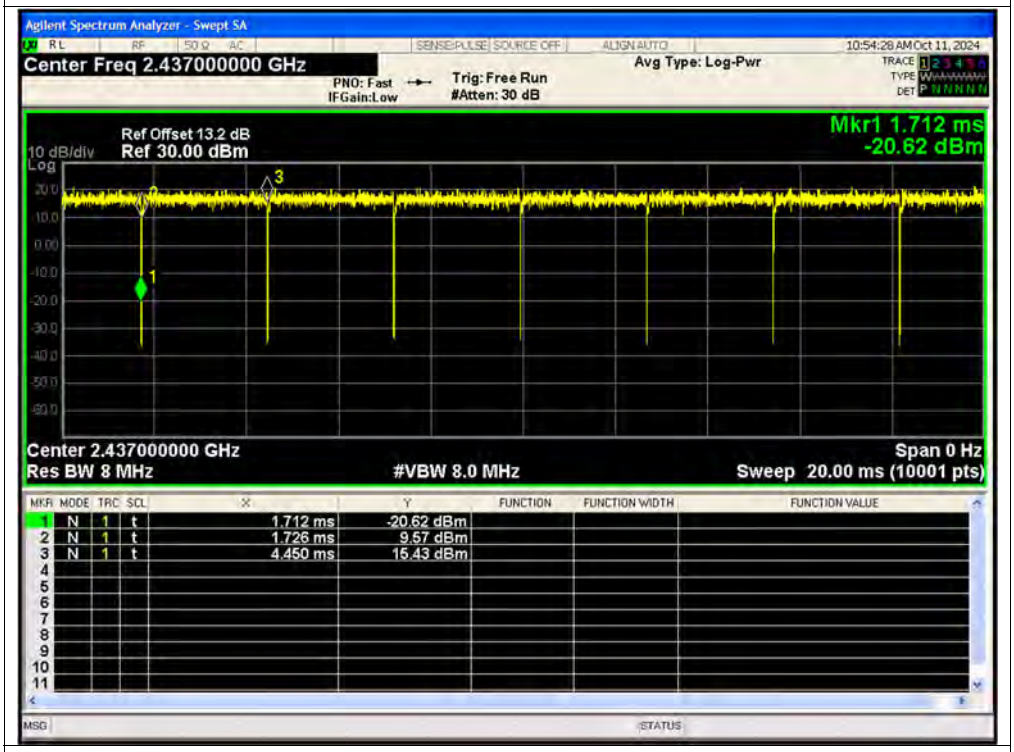
Duty Cycle NVNT ac40 2452MHz Ant2 SISO



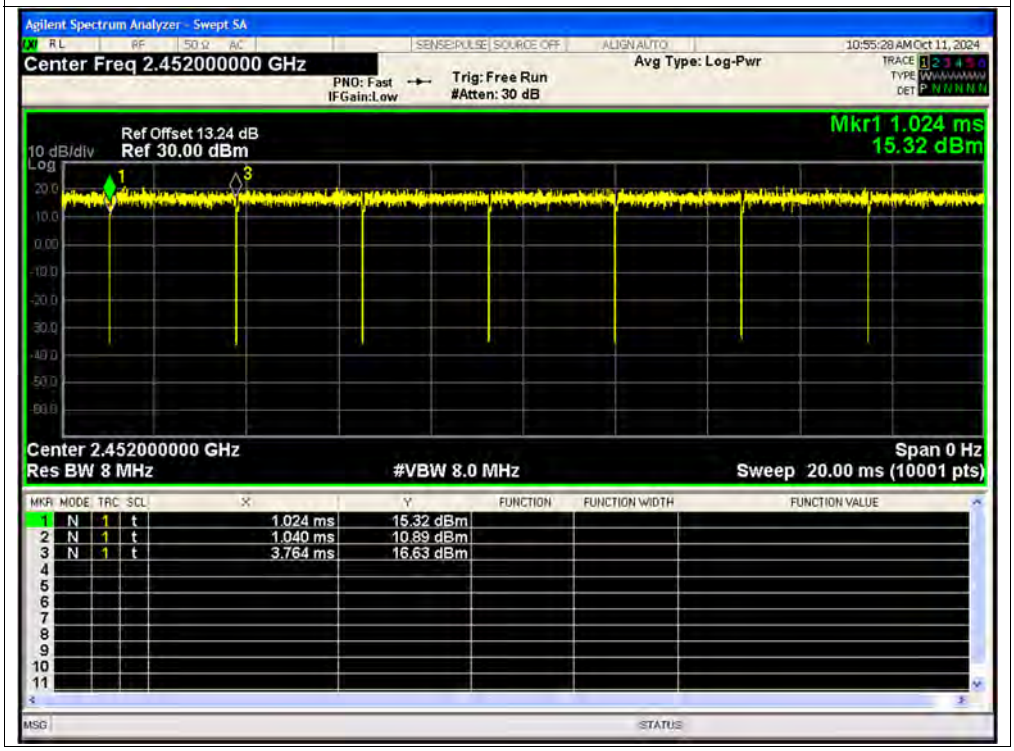
Duty Cycle NVNT ac40 2422MHz Sum MIMO



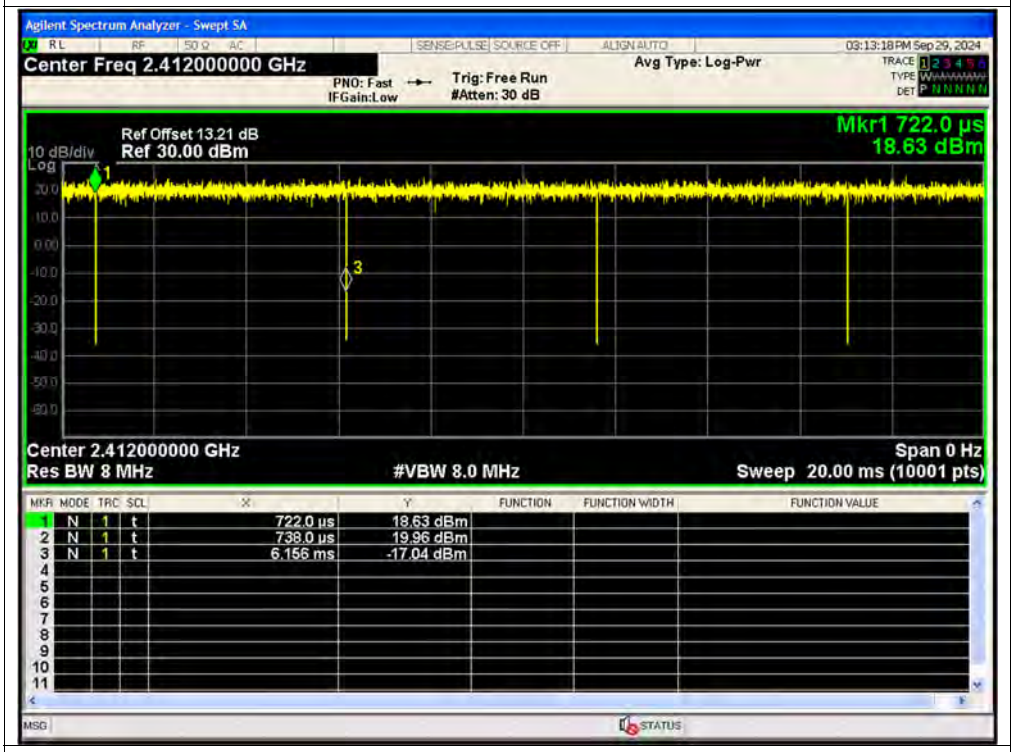
Duty Cycle NVNT ac40 2437MHz Sum MIMO



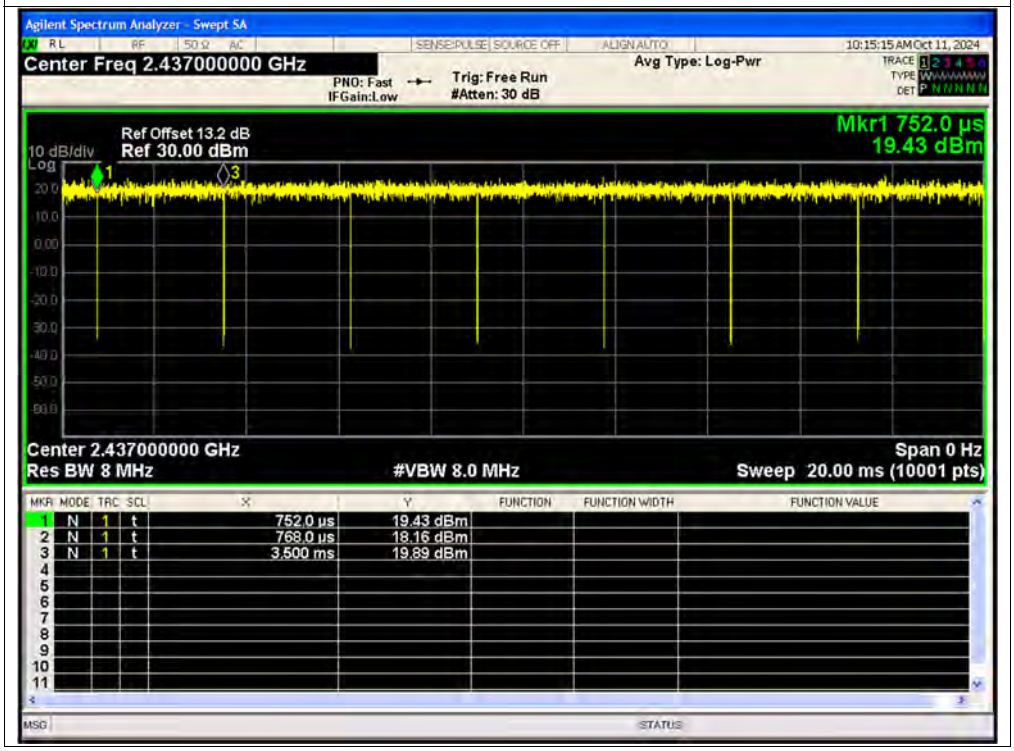
Duty Cycle NVNT ac40 2452MHz Sum MIMO



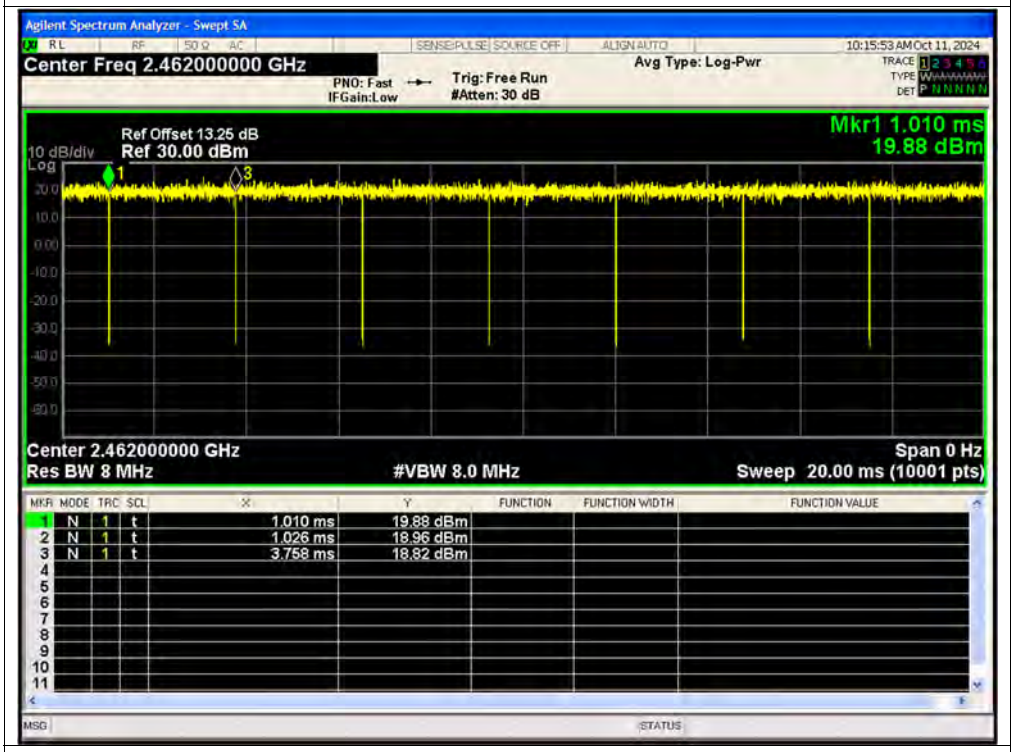
Duty Cycle NVNT ax20 2412MHz Ant1 SISO



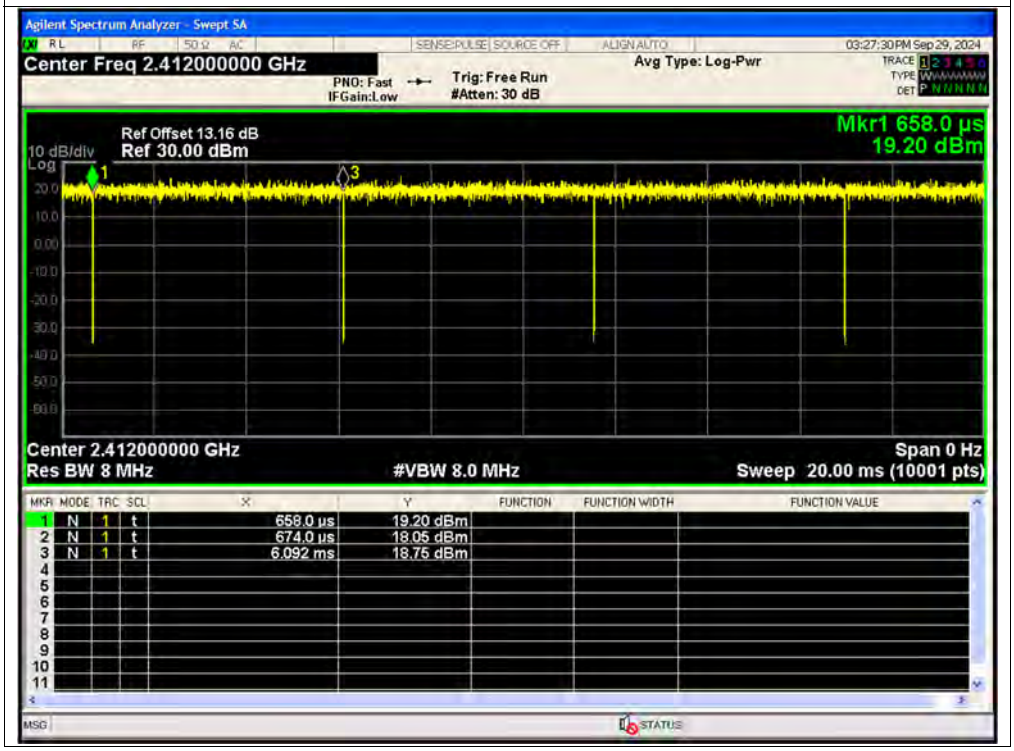
Duty Cycle NVNT ax20 2437MHz Ant1 SISO



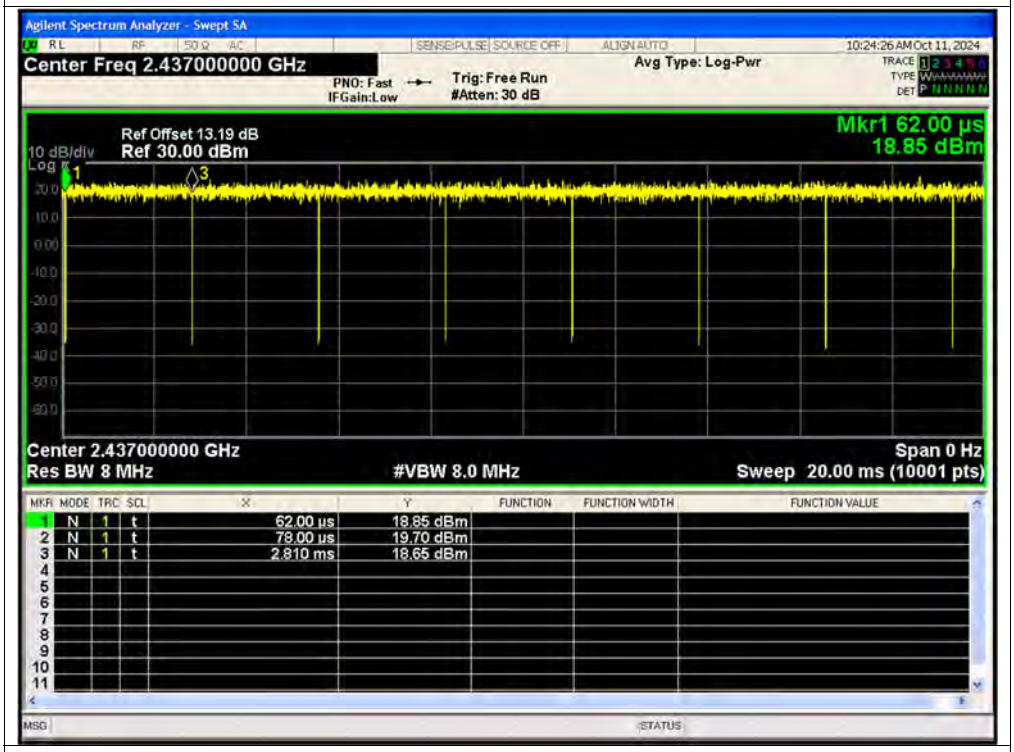
Duty Cycle NVNT ax20 2462MHz Ant1 SISO



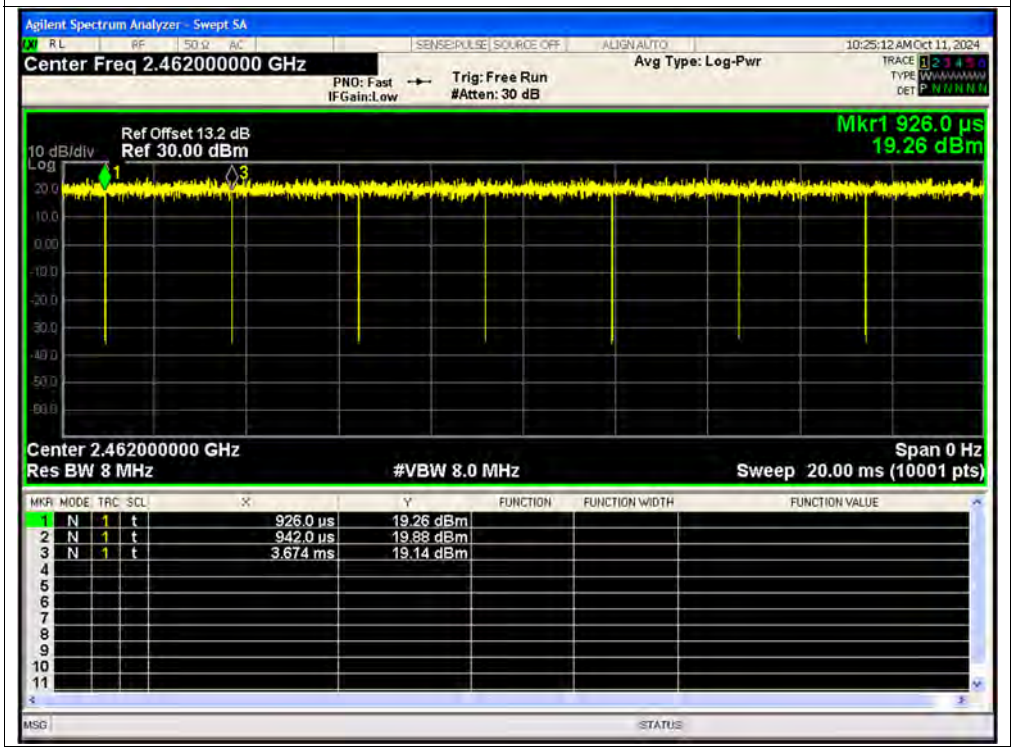
Duty Cycle NVNT ax20 2412MHz Ant2 SISO



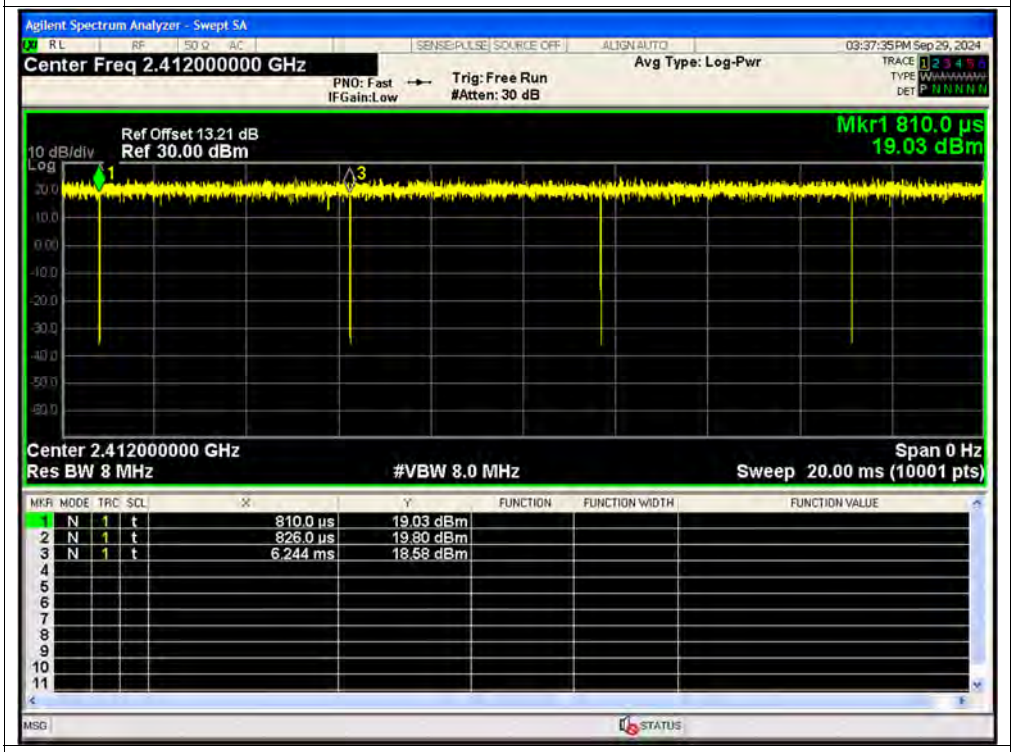
Duty Cycle NVNT ax20 2437MHz Ant2 SISO



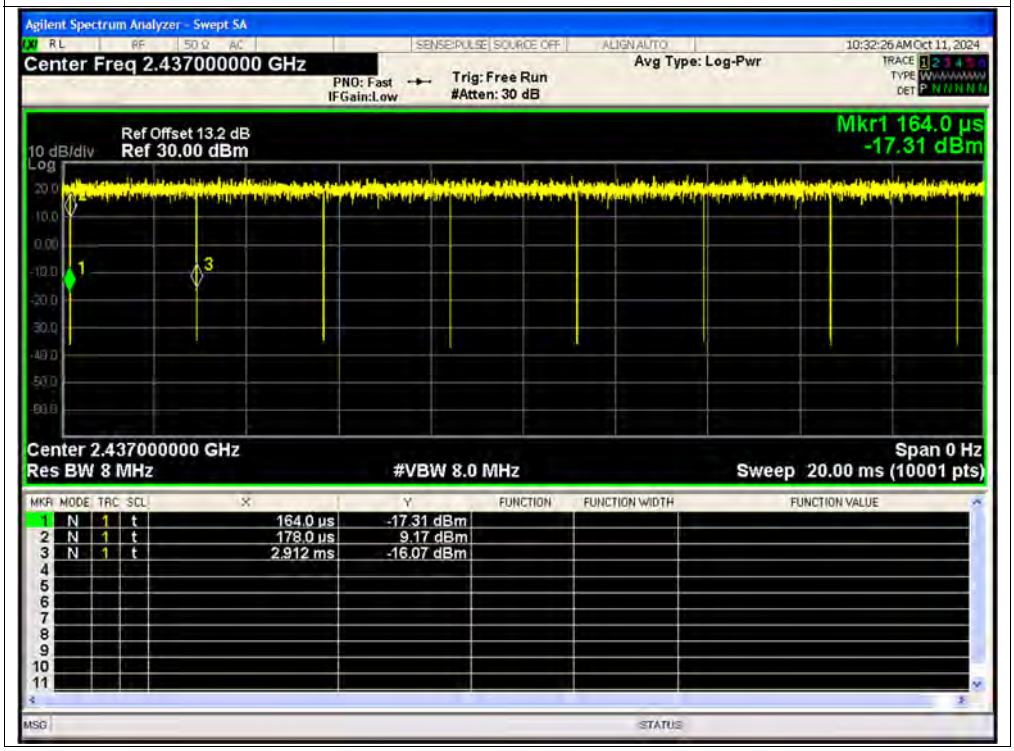
Duty Cycle NVNT ax20 2462MHz Ant2 SISO



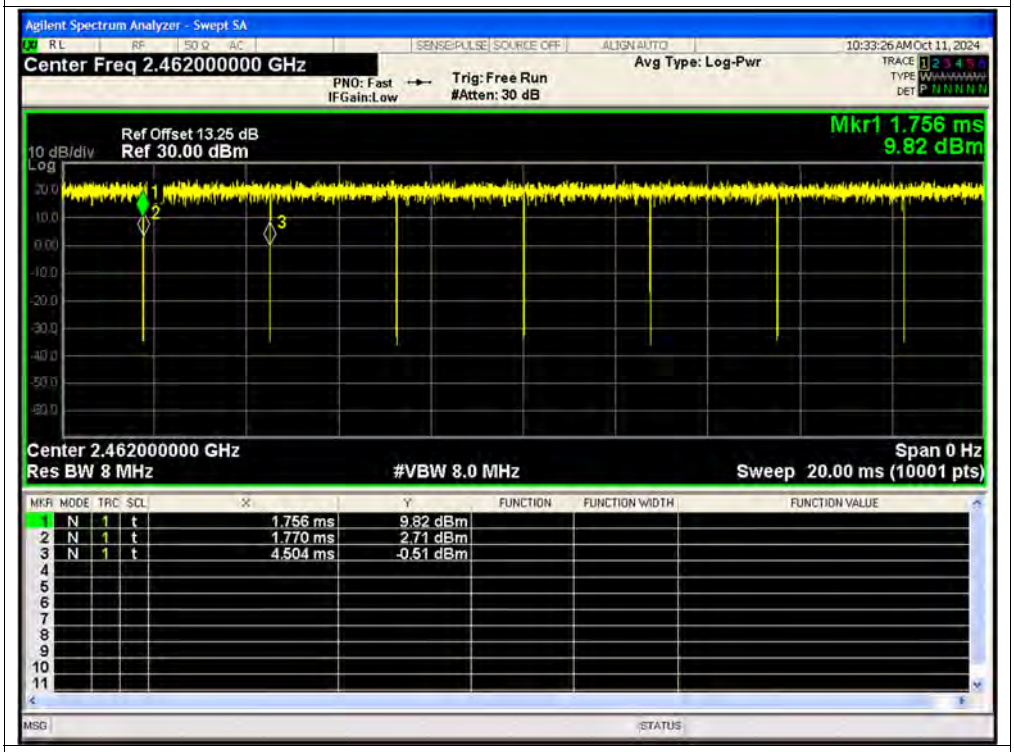
Duty Cycle NVNT ax20 2412MHz Sum MIMO



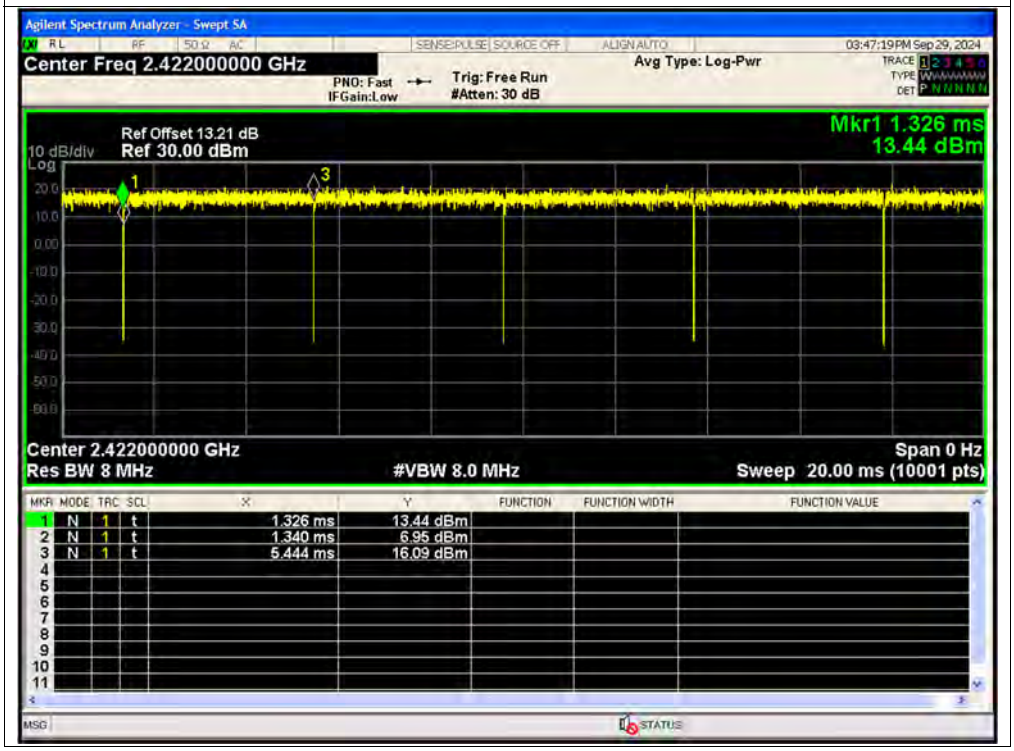
Duty Cycle NVNT ax20 2437MHz Sum MIMO



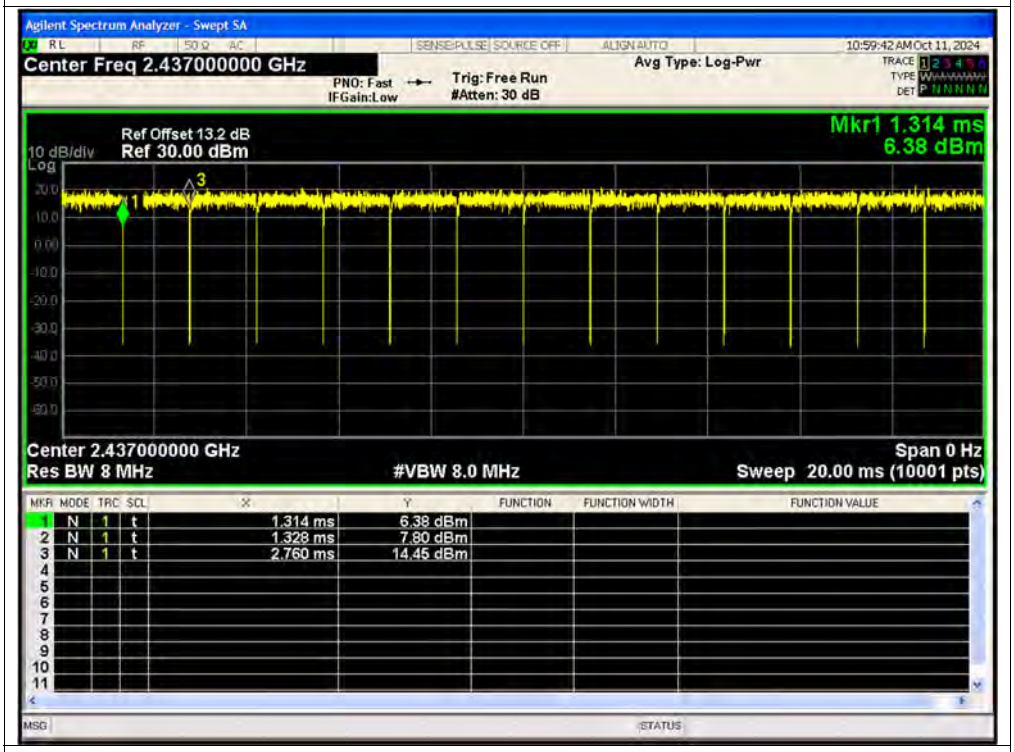
Duty Cycle NVNT ax20 2462MHz Sum MIMO



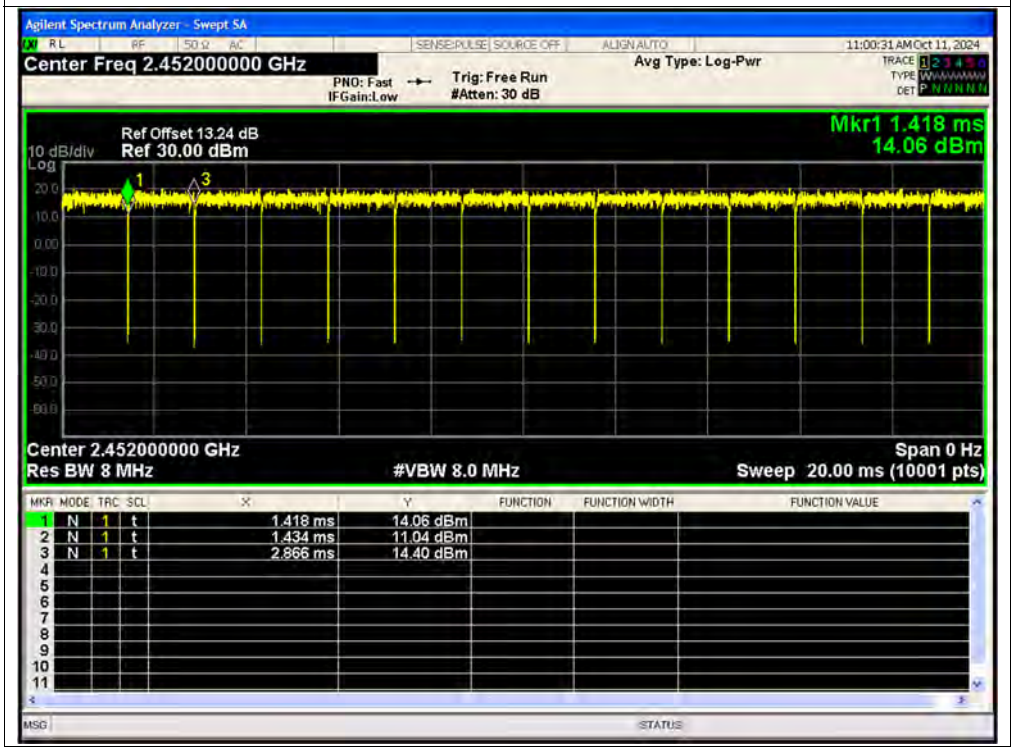
Duty Cycle NVNT ax40 2422MHz Ant1 SISO



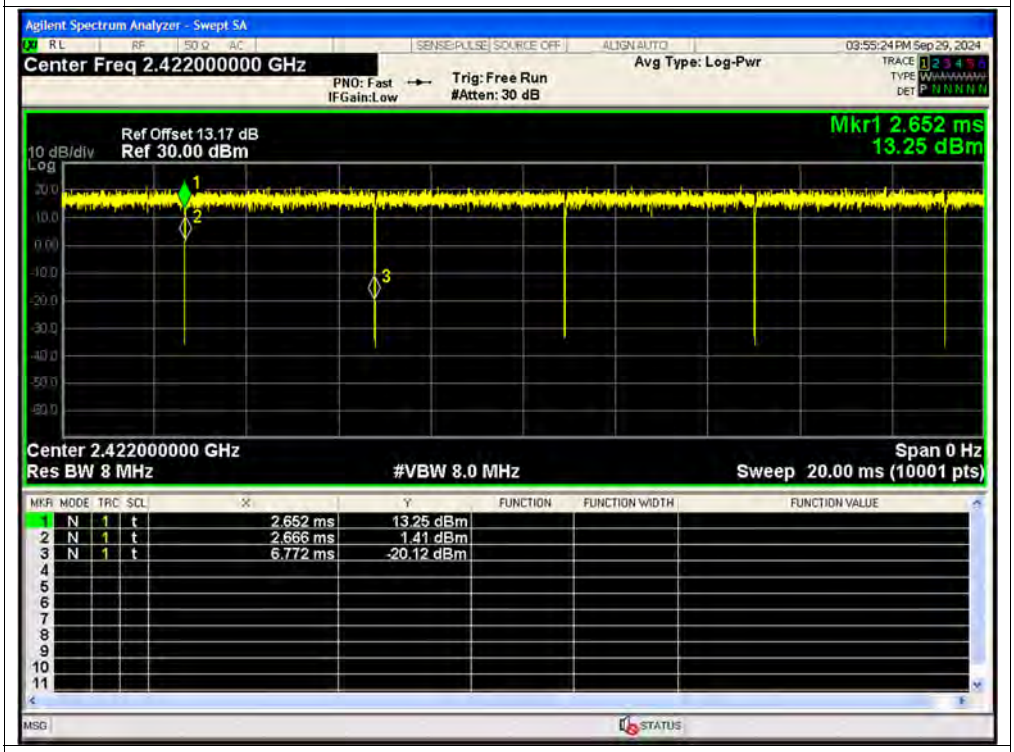
Duty Cycle NVNT ax40 2437MHz Ant1 SISO



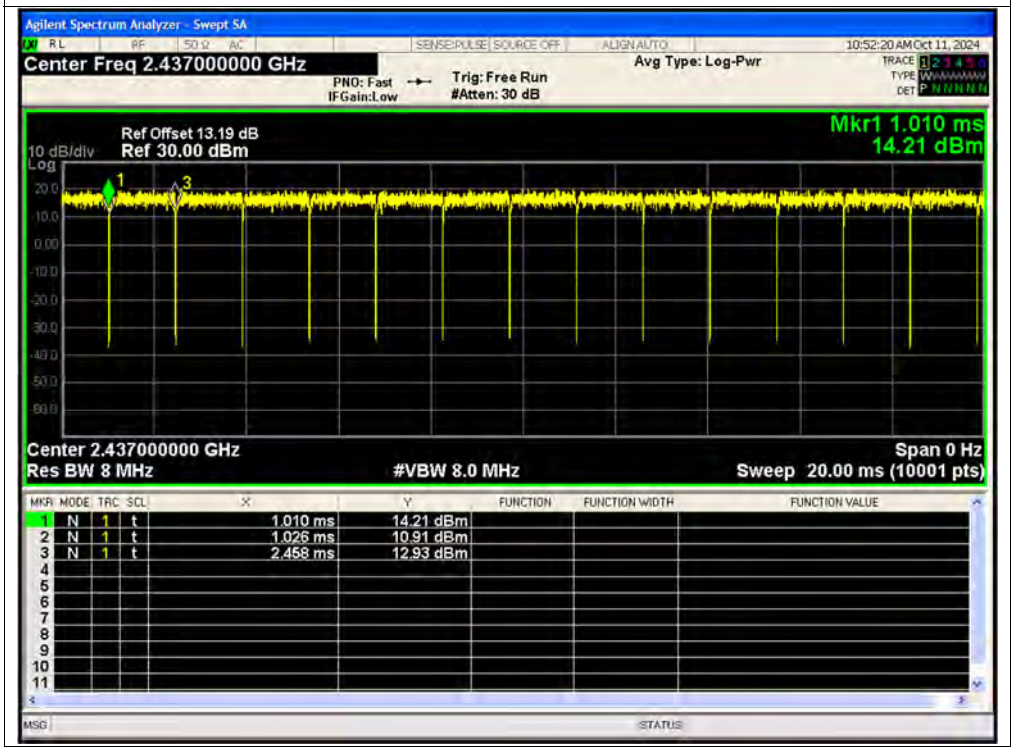
Duty Cycle NVNT ax40 2452MHz Ant1 SISO



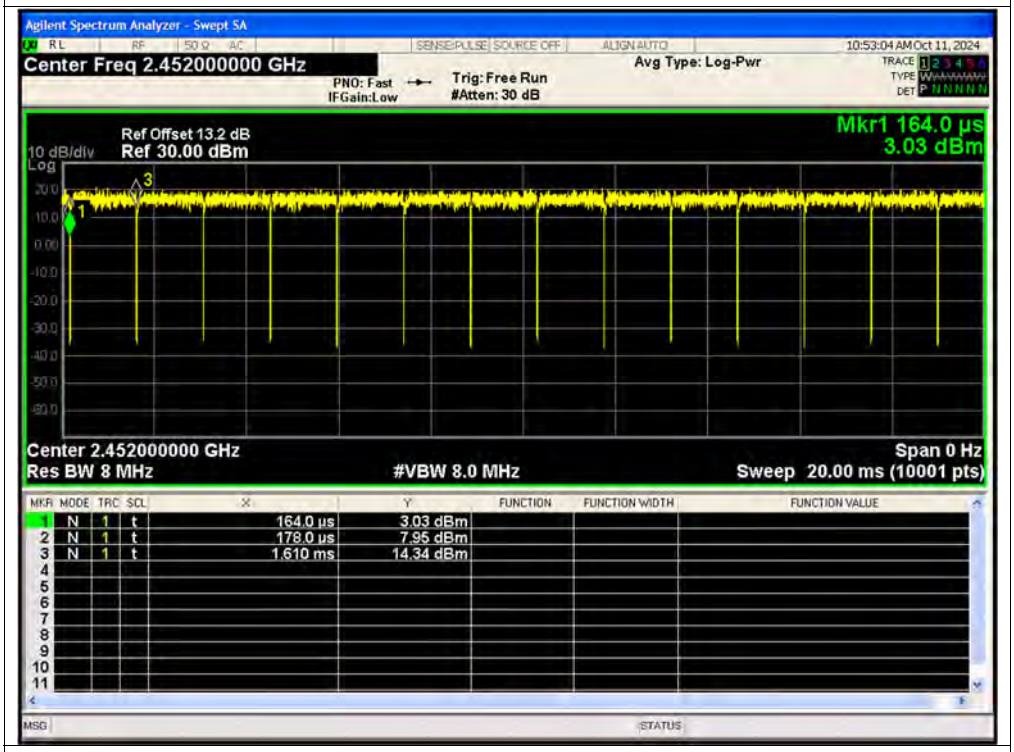
Duty Cycle NVNT ax40 2422MHz Ant2 SISO



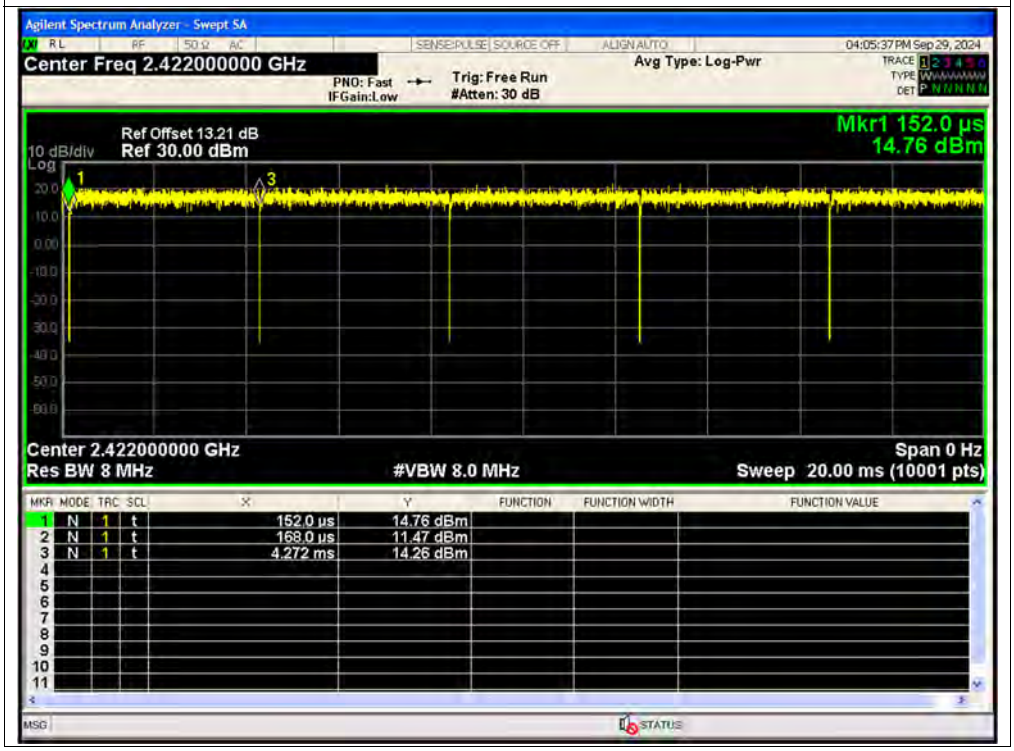
Duty Cycle NVNT ax40 2437MHz Ant2 SISO



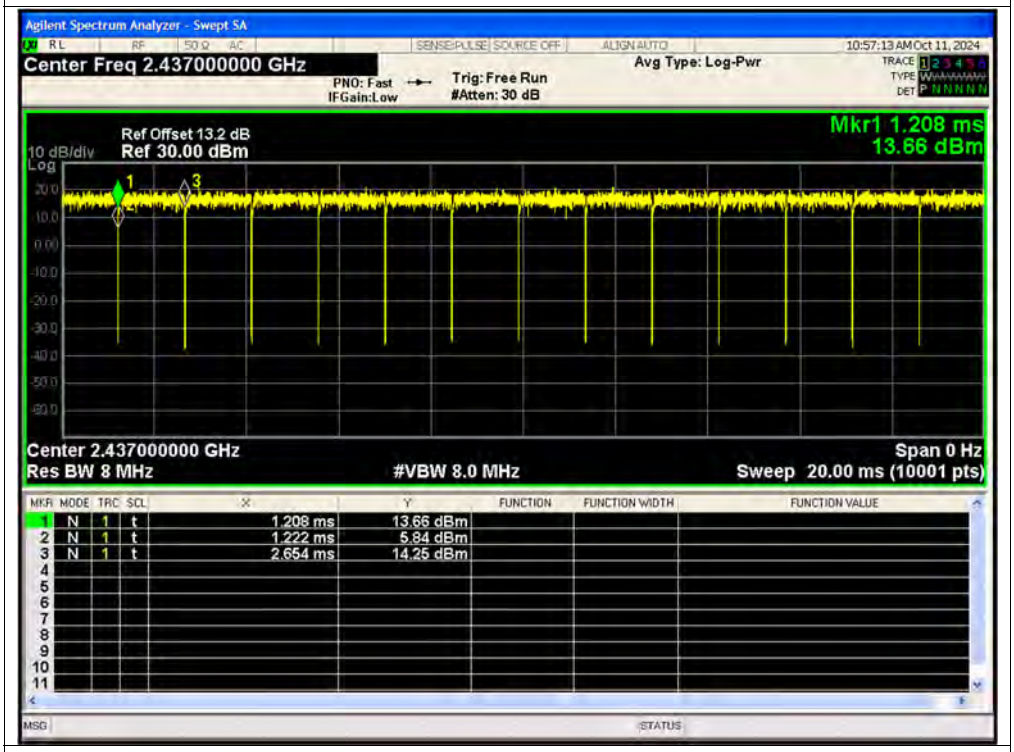
Duty Cycle NVNT ax40 2452MHz Ant2 SISO



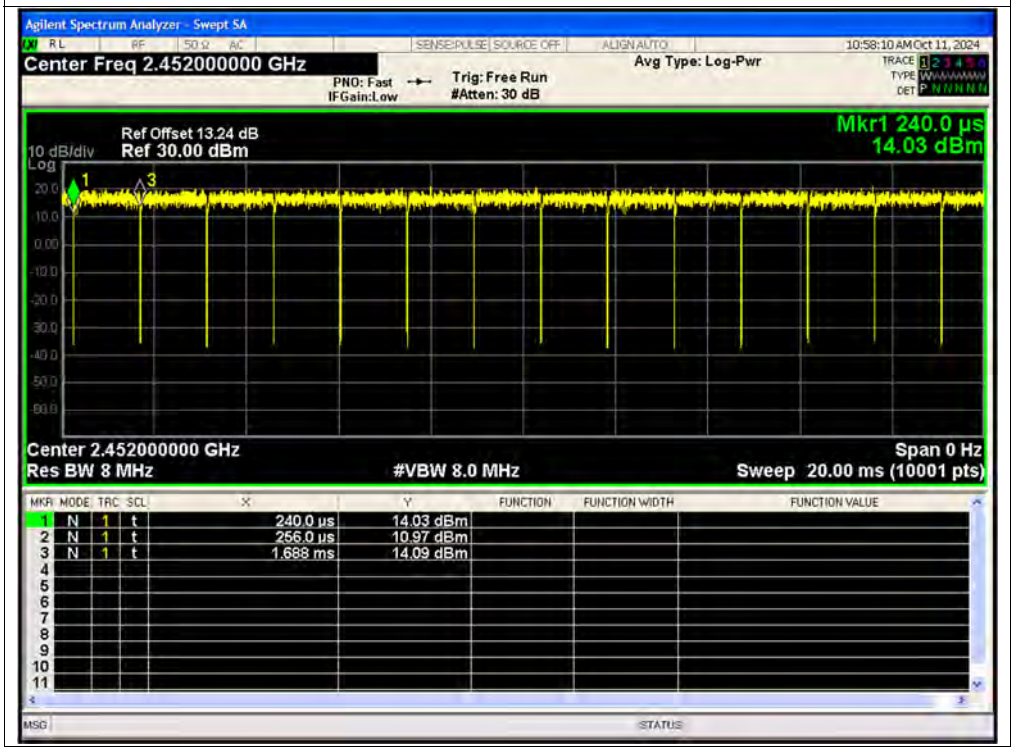
Duty Cycle NVNT ax40 2422MHz Sum MIMO



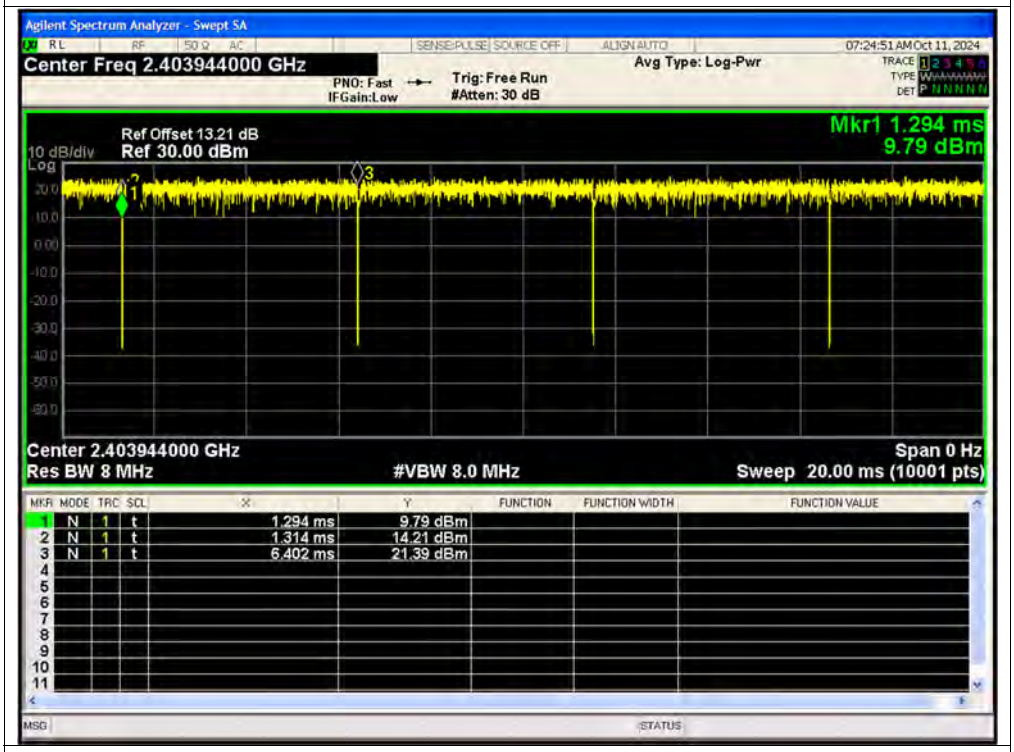
Duty Cycle NVNT ax40 2437MHz Sum MIMO



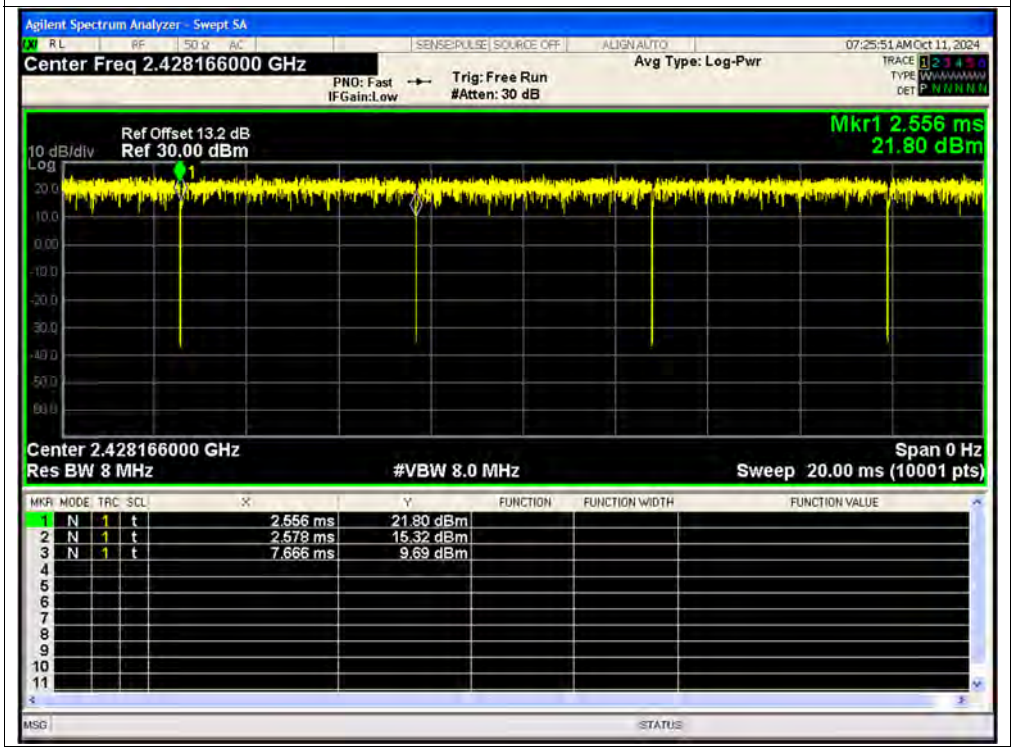
Duty Cycle NVNT ax40 2452MHz Sum MIMO



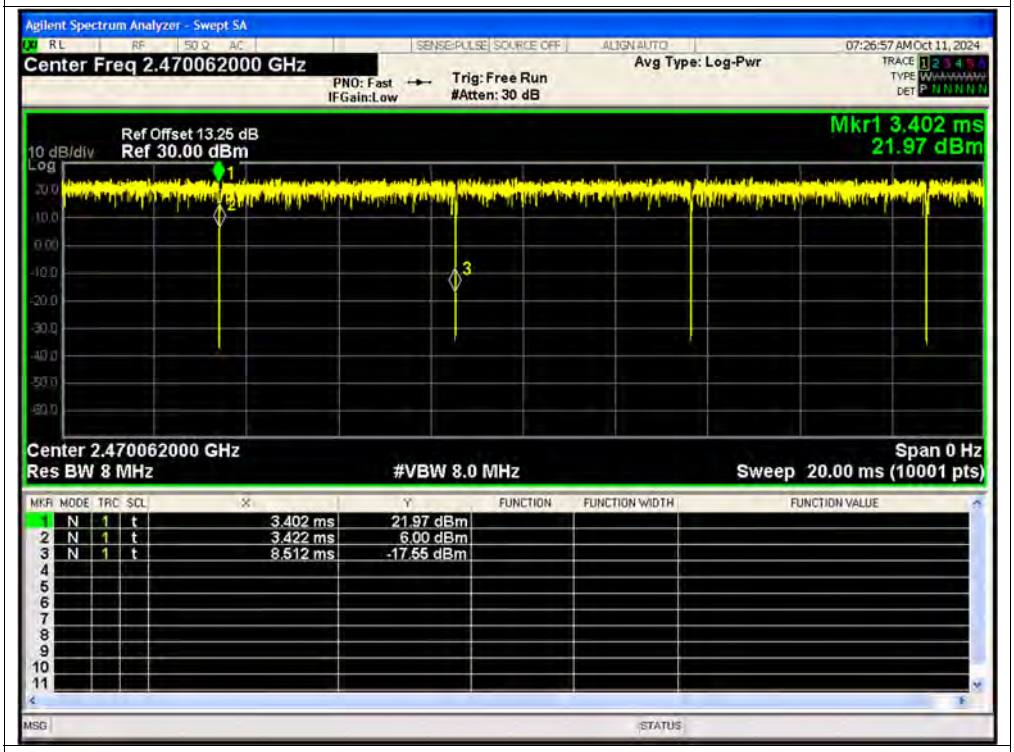
Duty Cycle NVNT ax20 26@0 2412MHz Ant1 SISO



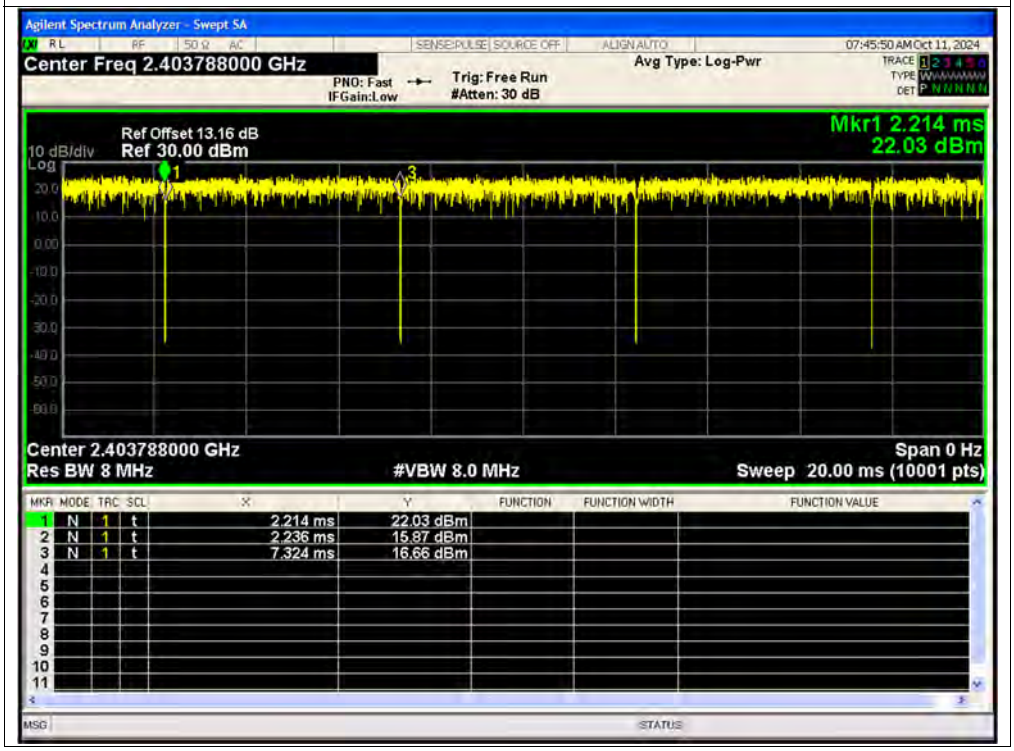
Duty Cycle NVNT ax20 26@0 2437MHz Ant1 SISO



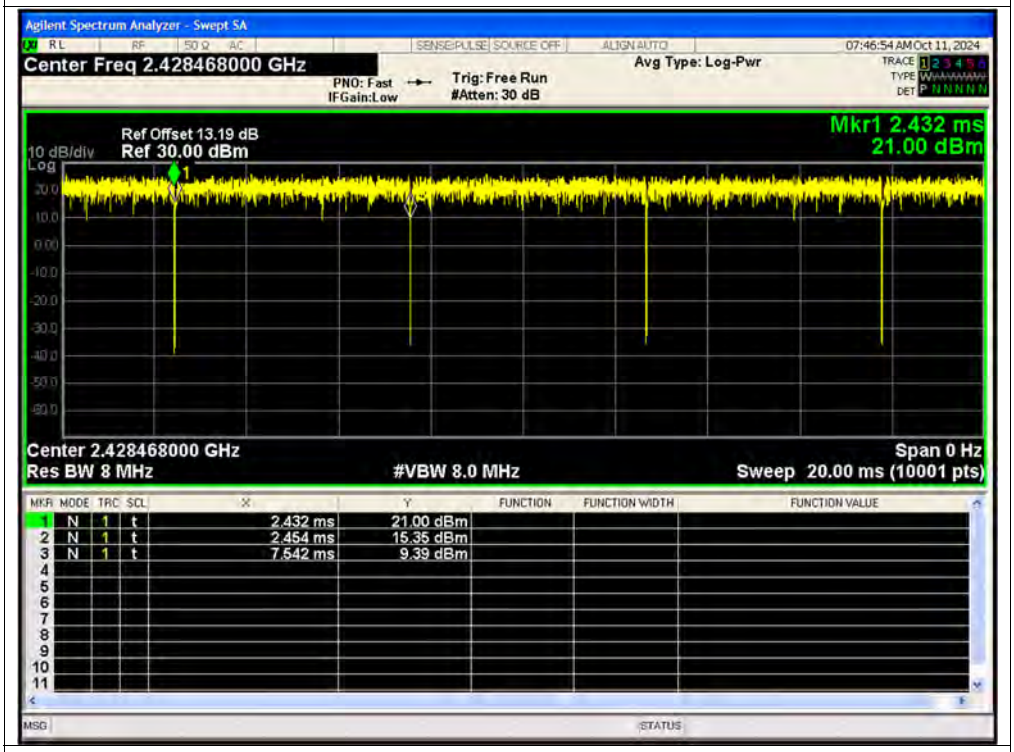
Duty Cycle NVNT ax20 26@0 2462MHz Ant1 SISO



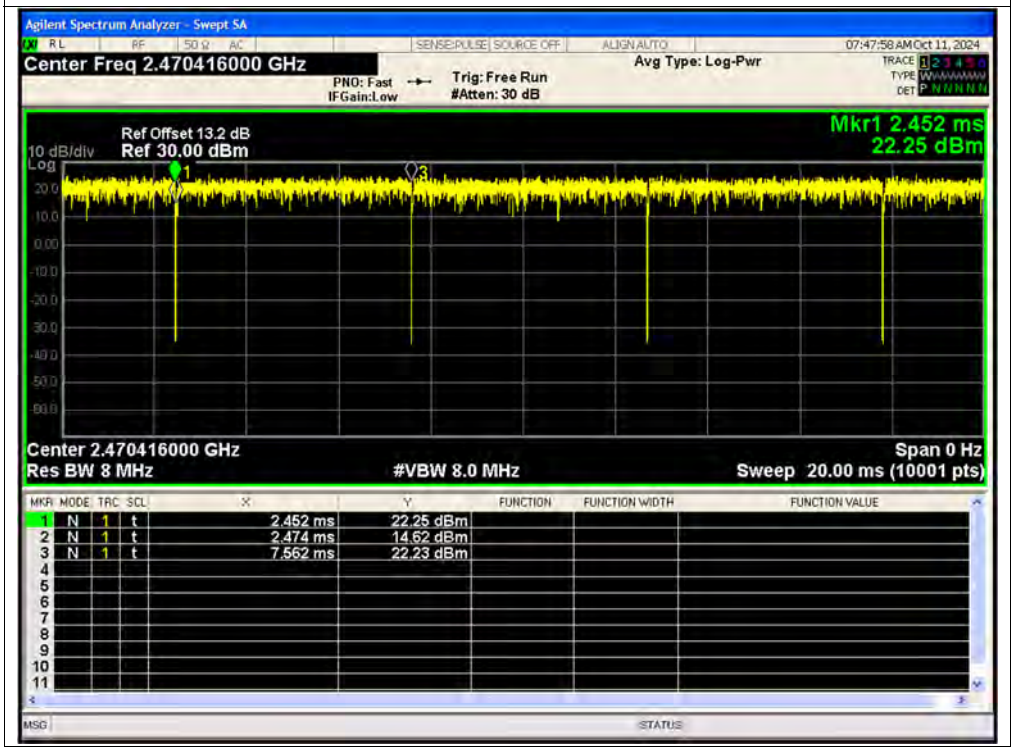
Duty Cycle NVNT ax20 26@0 2412MHz Ant2 SISO



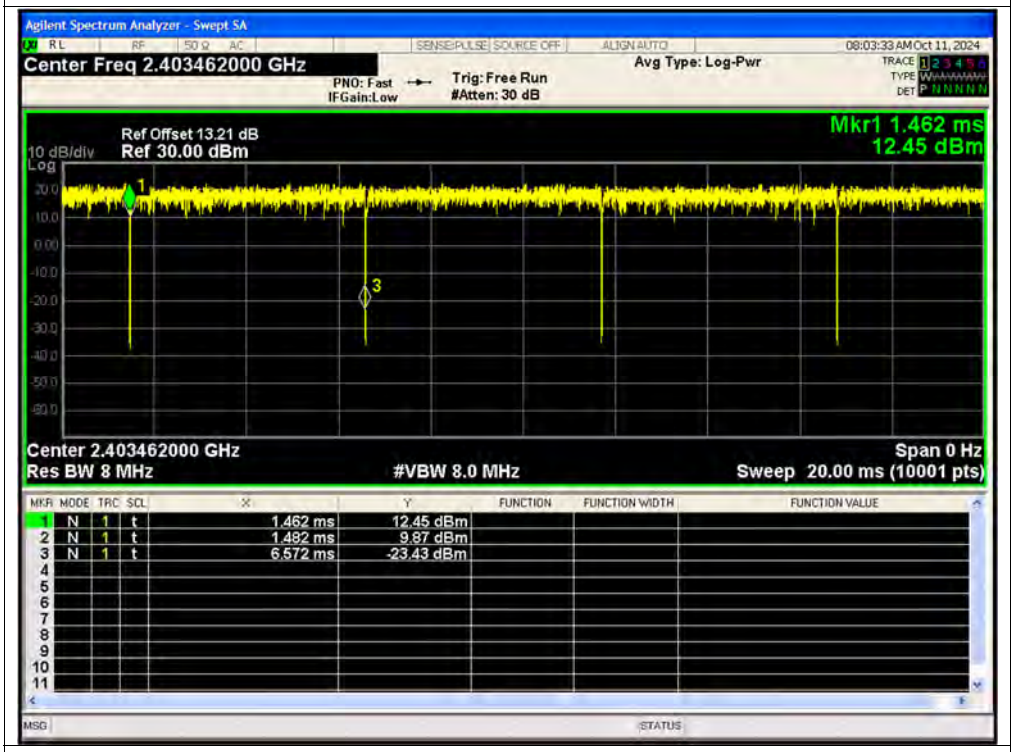
Duty Cycle NVNT ax20 26@0 2437MHz Ant2 SISO



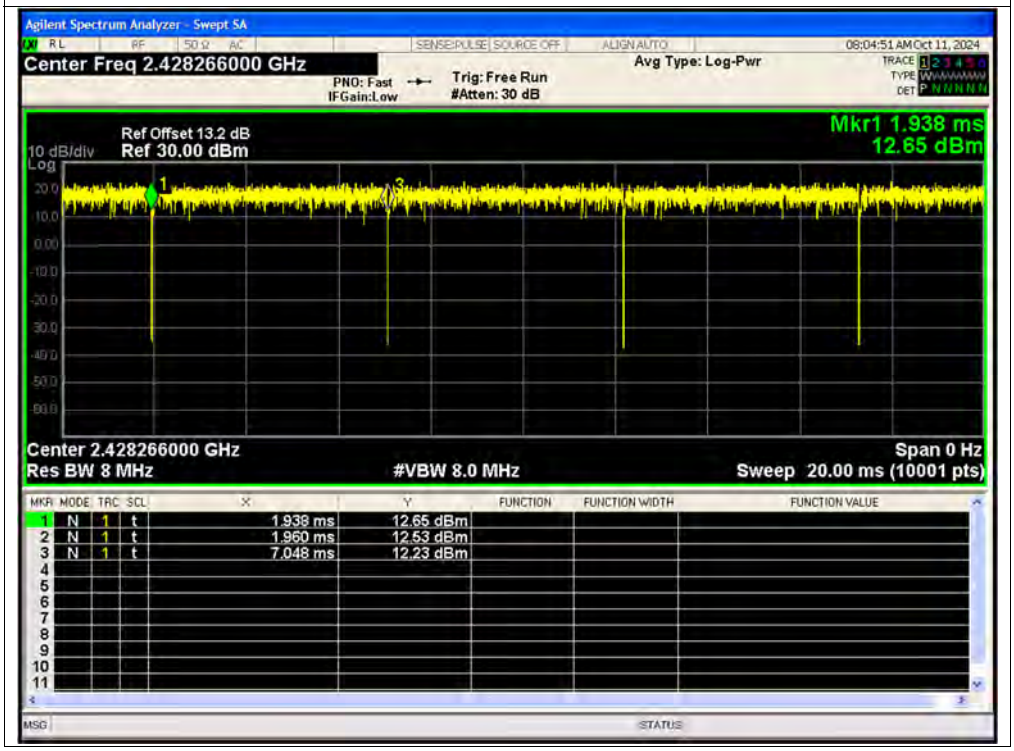
Duty Cycle NVNT ax20 26@0 2462MHz Ant2 SISO



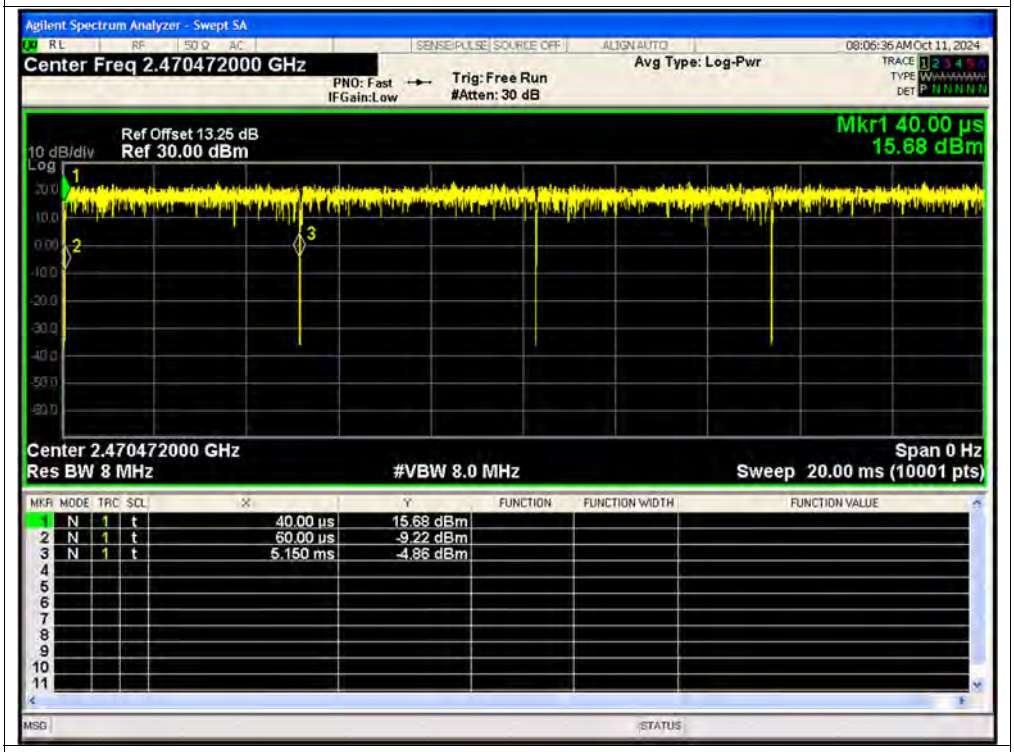
Duty Cycle NVNT ax20 26@0 2412MHz Sum MIMO



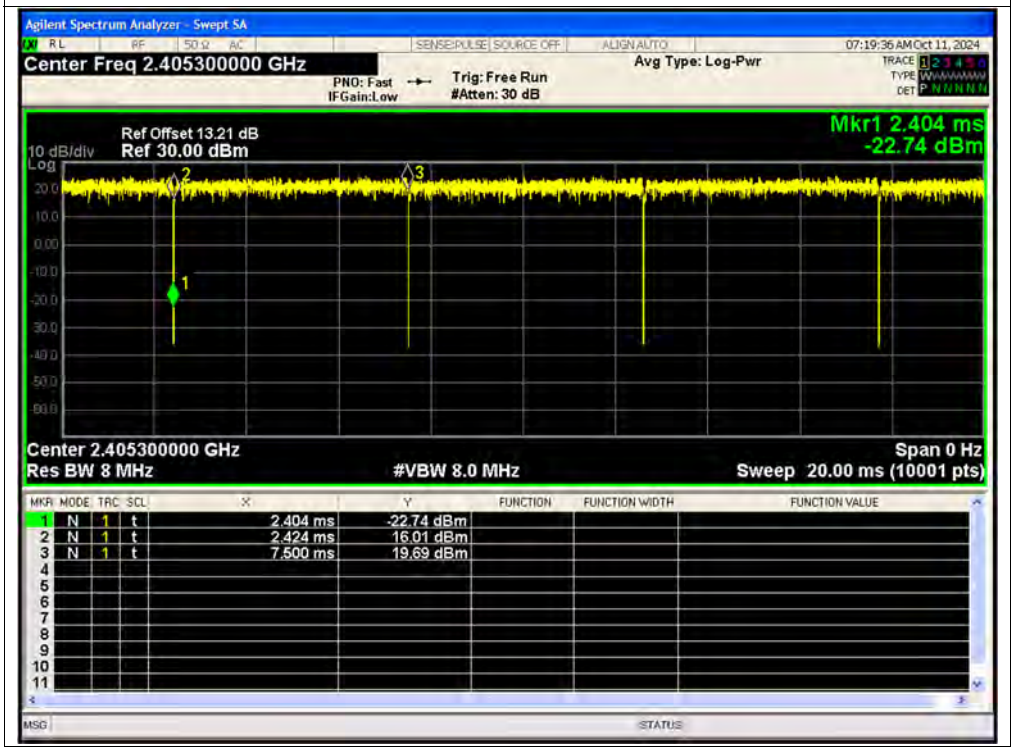
Duty Cycle NVNT ax20 26@0 2437MHz Sum MIMO



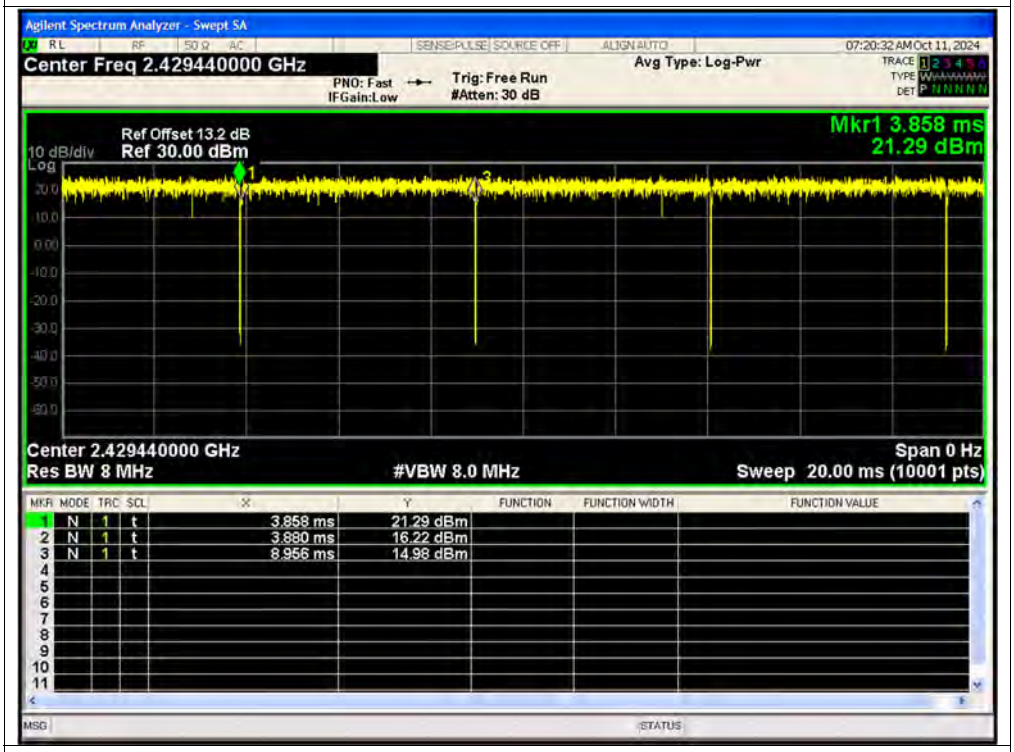
Duty Cycle NVNT ax20 26@0 2462MHz Sum MIMO



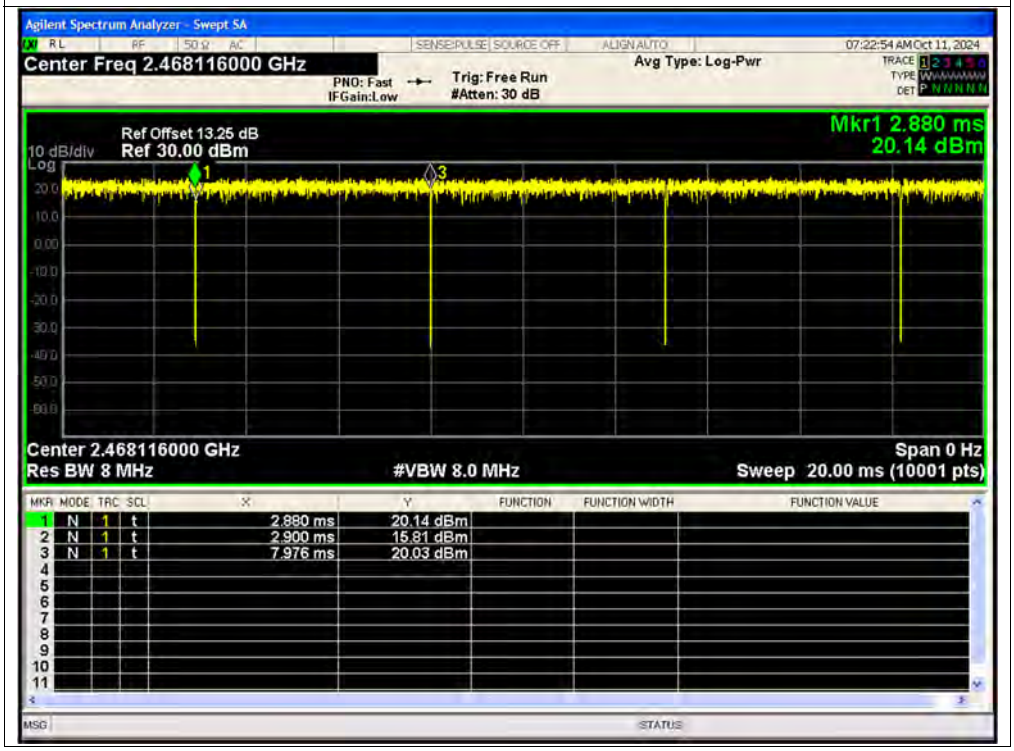
Duty Cycle NVNT ax20 52@37 2412MHz Ant1 SISO



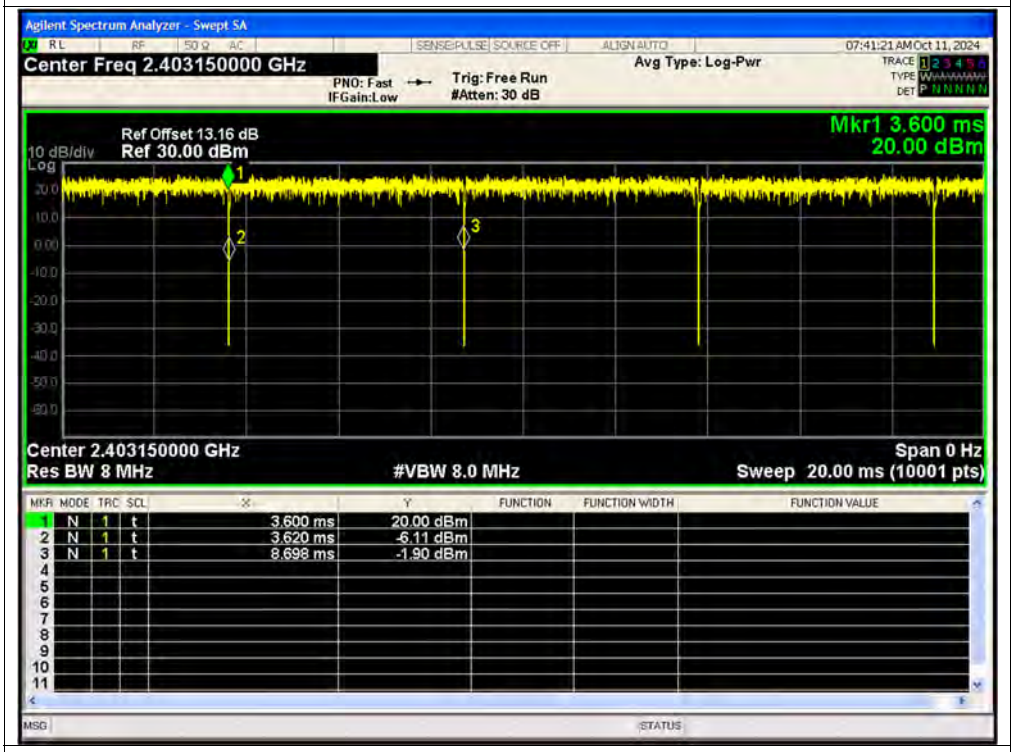
Duty Cycle NVNT ax20 52@37 2437MHz Ant1 SISO



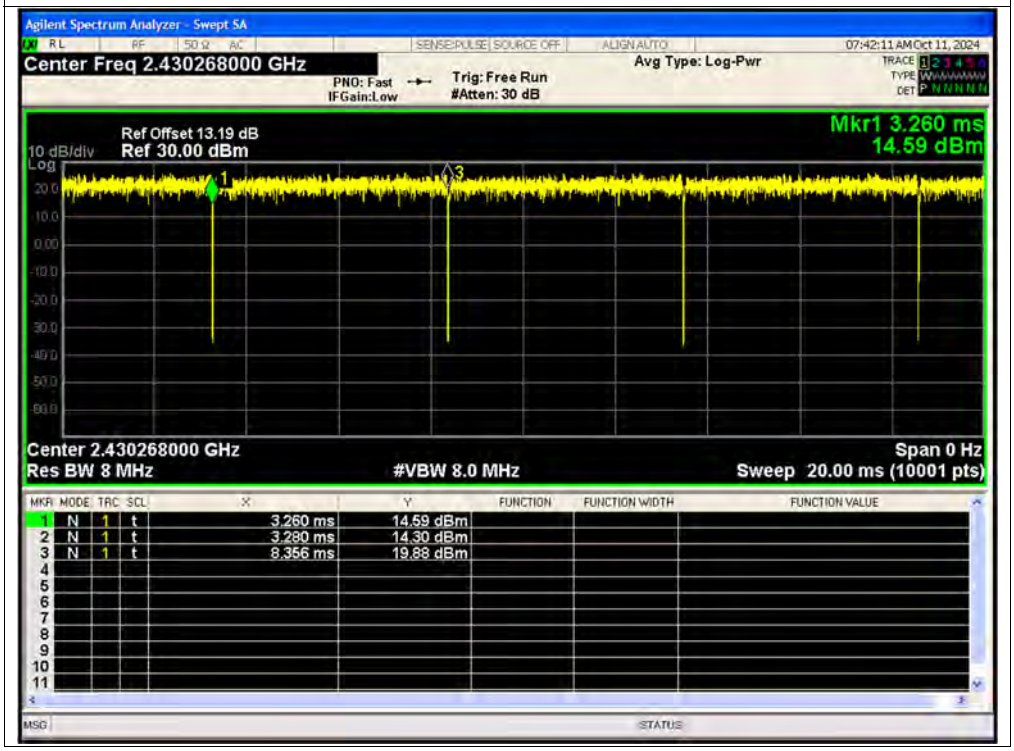
Duty Cycle NVNT ax20 52@37 2462MHz Ant1 SISO



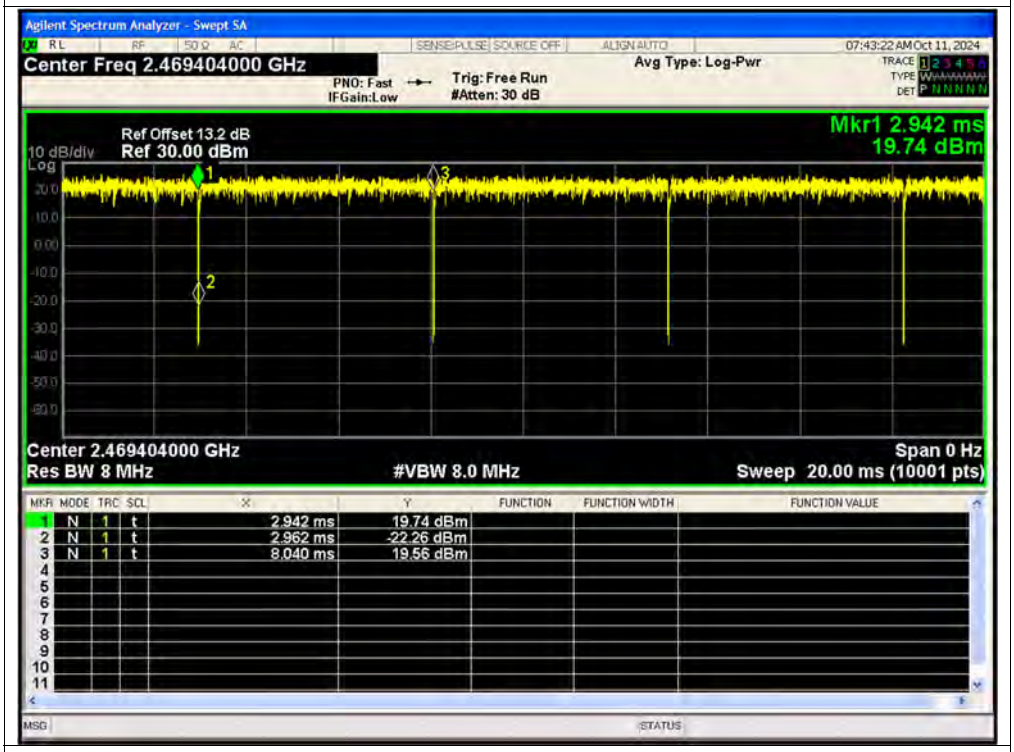
Duty Cycle NVNT ax20 52@37 2412MHz Ant2 SISO



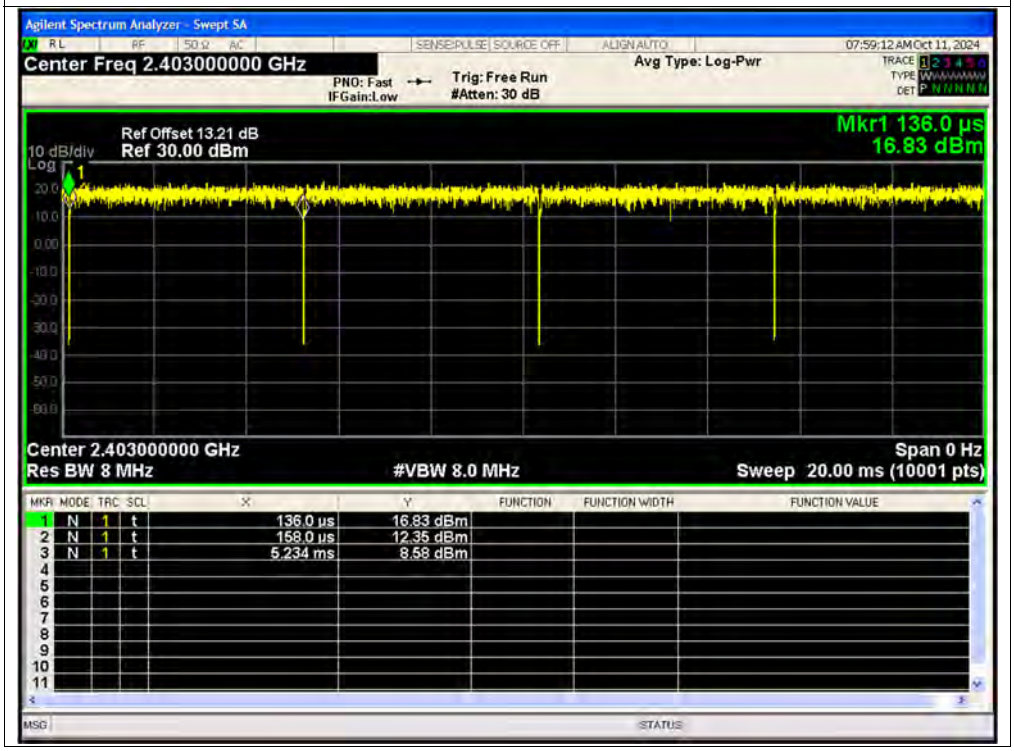
Duty Cycle NVNT ax20 52@37 2437MHz Ant2 SISO



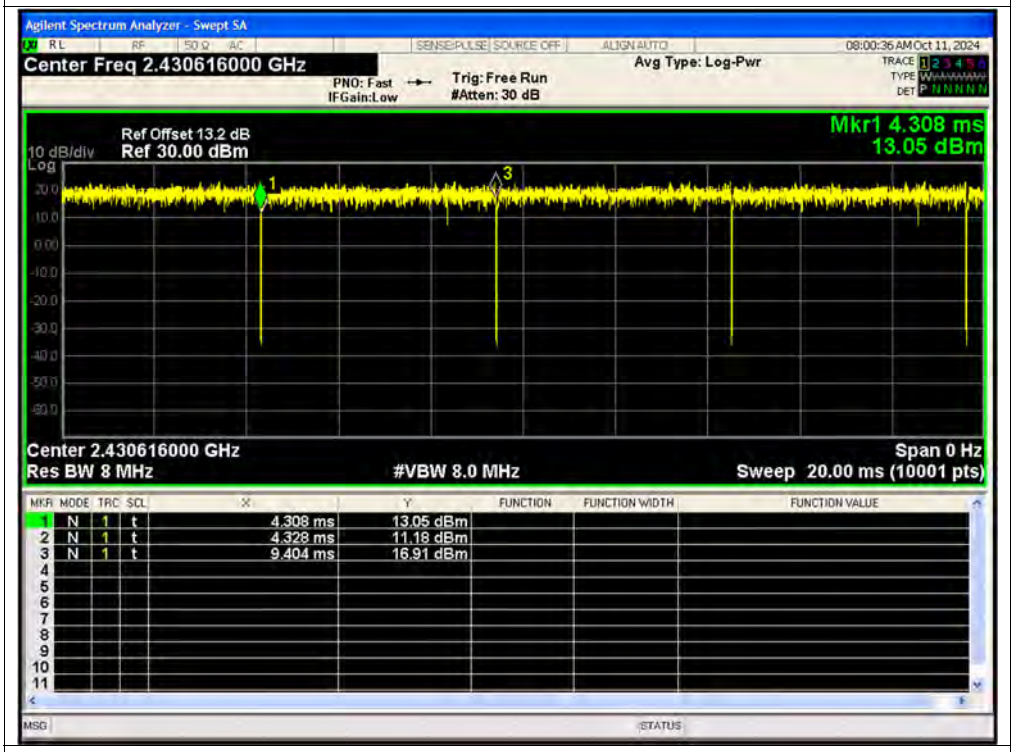
Duty Cycle NVNT ax20 52@37 2462MHz Ant2 SISO



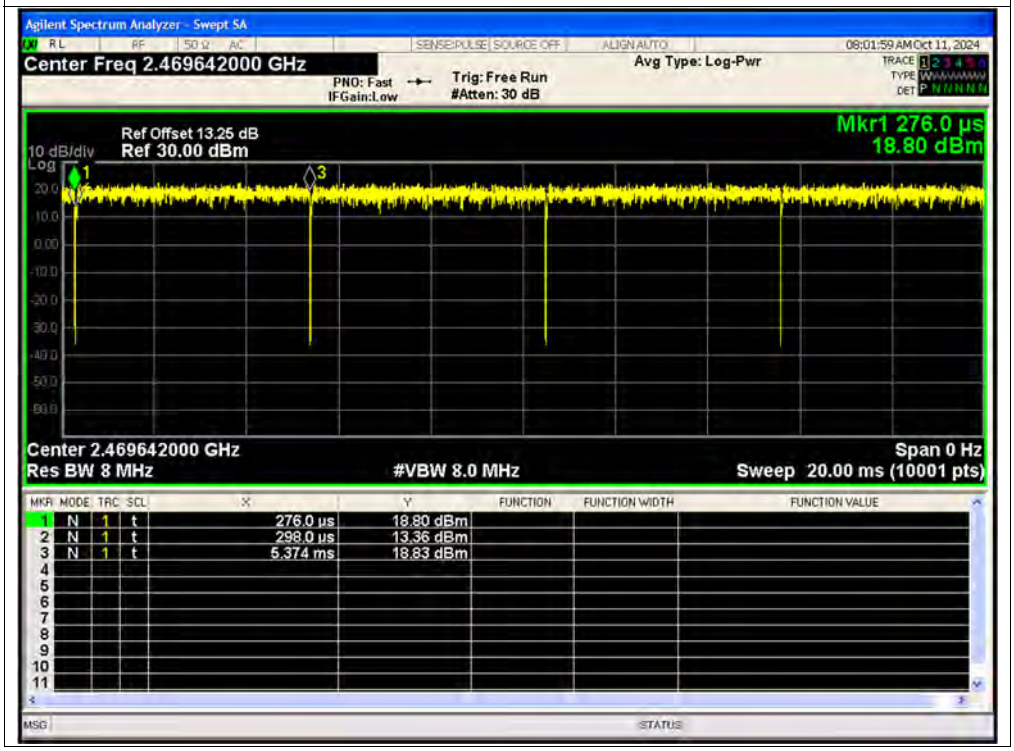
Duty Cycle NVNT ax20 52@37 2412MHz Sum MIMO



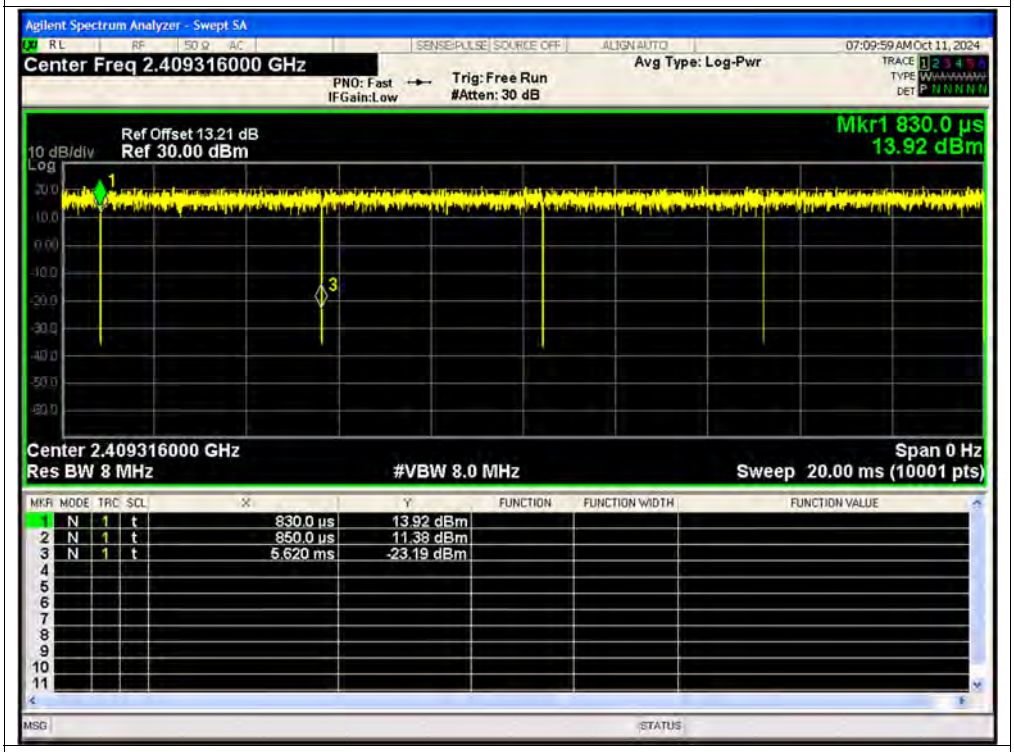
Duty Cycle NVNT ax20 52@37 2437MHz Sum MIMO



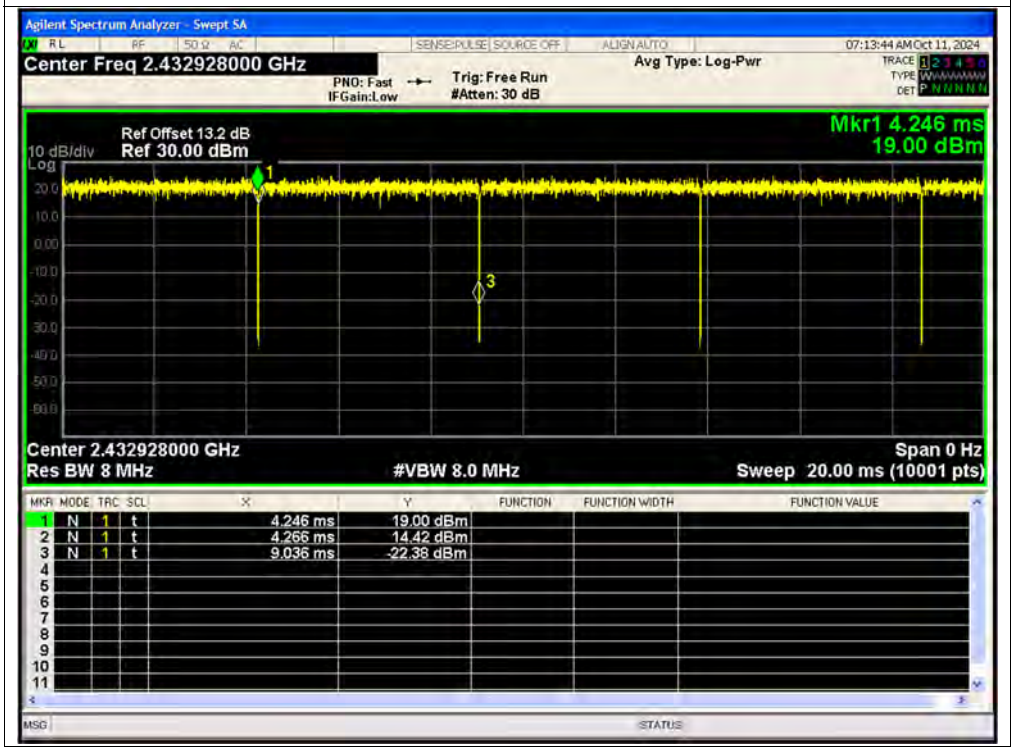
Duty Cycle NVNT ax20 52@37 2462MHz Sum MIMO



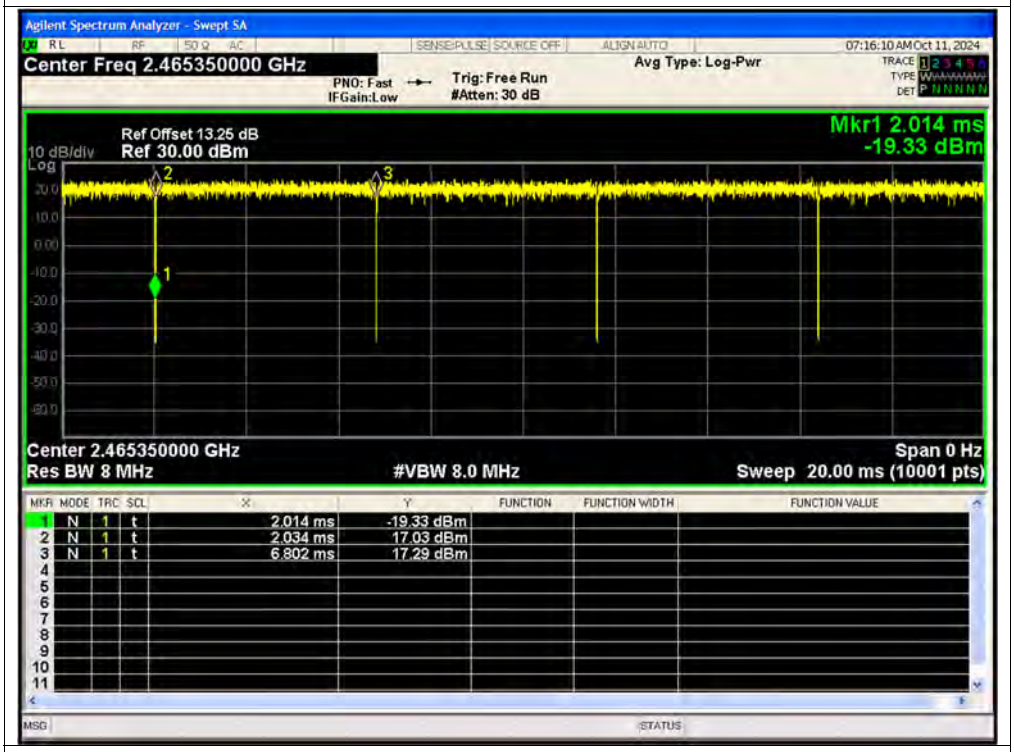
Duty Cycle NVNT ax20 106@53 2412MHz Ant1 SISO



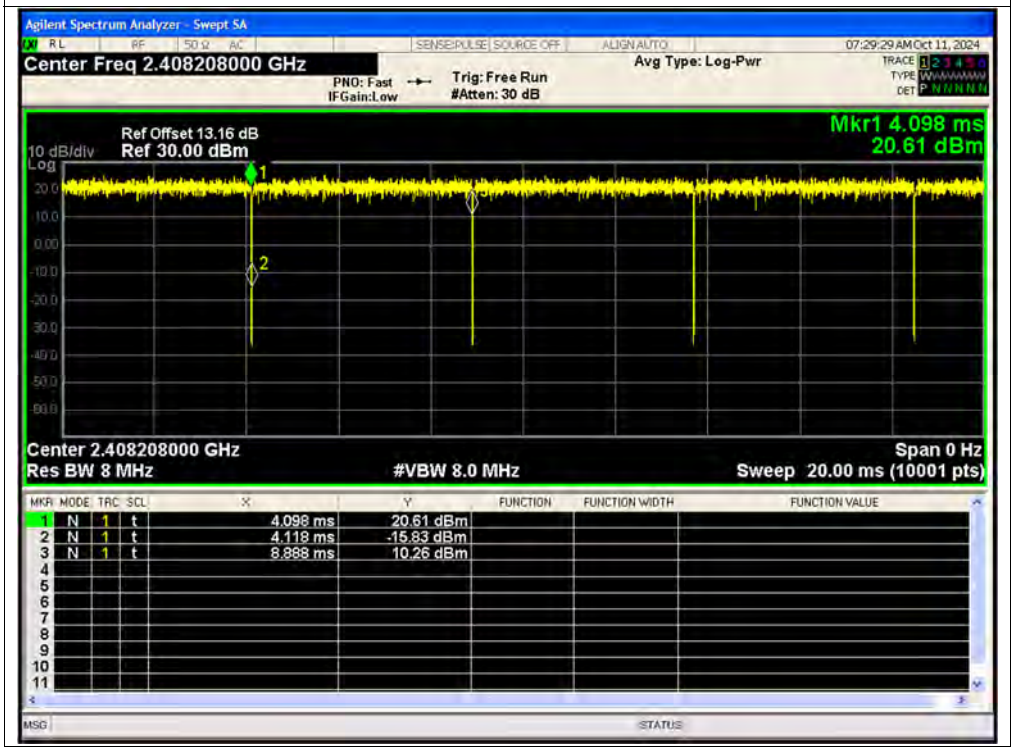
Duty Cycle NVNT ax20 106@53 2437MHz Ant1 SISO



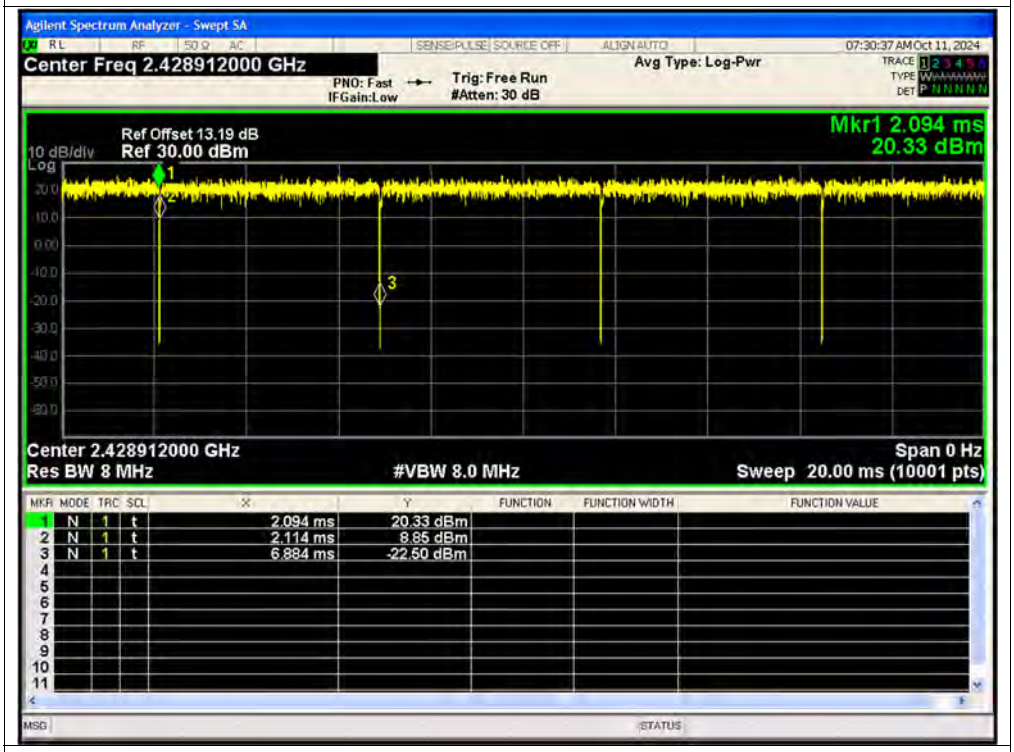
Duty Cycle NVNT ax20 106@53 2462MHz Ant1 SISO



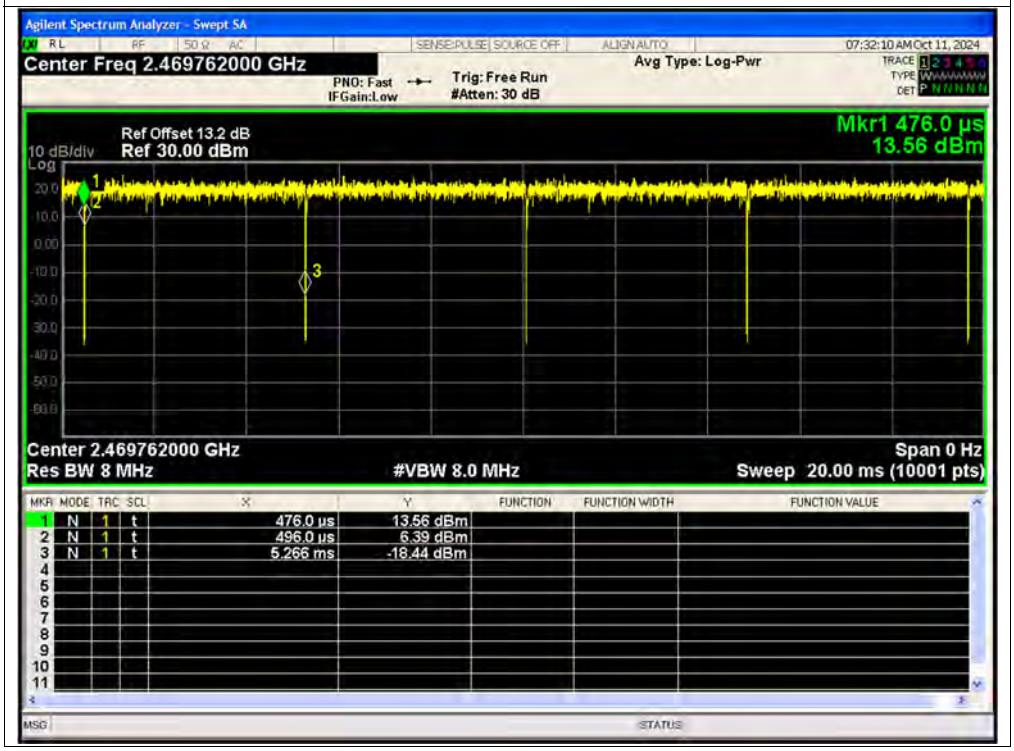
Duty Cycle NVNT ax20 106@53 2412MHz Ant2 SISO



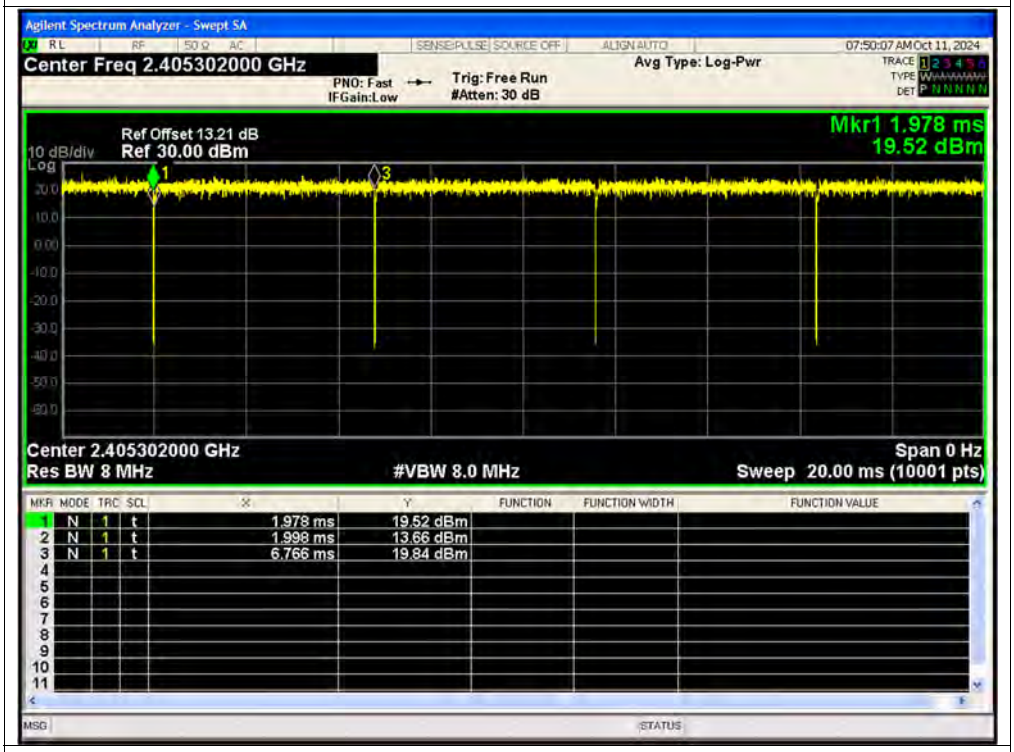
Duty Cycle NVNT ax20 106@53 2437MHz Ant2 SISO



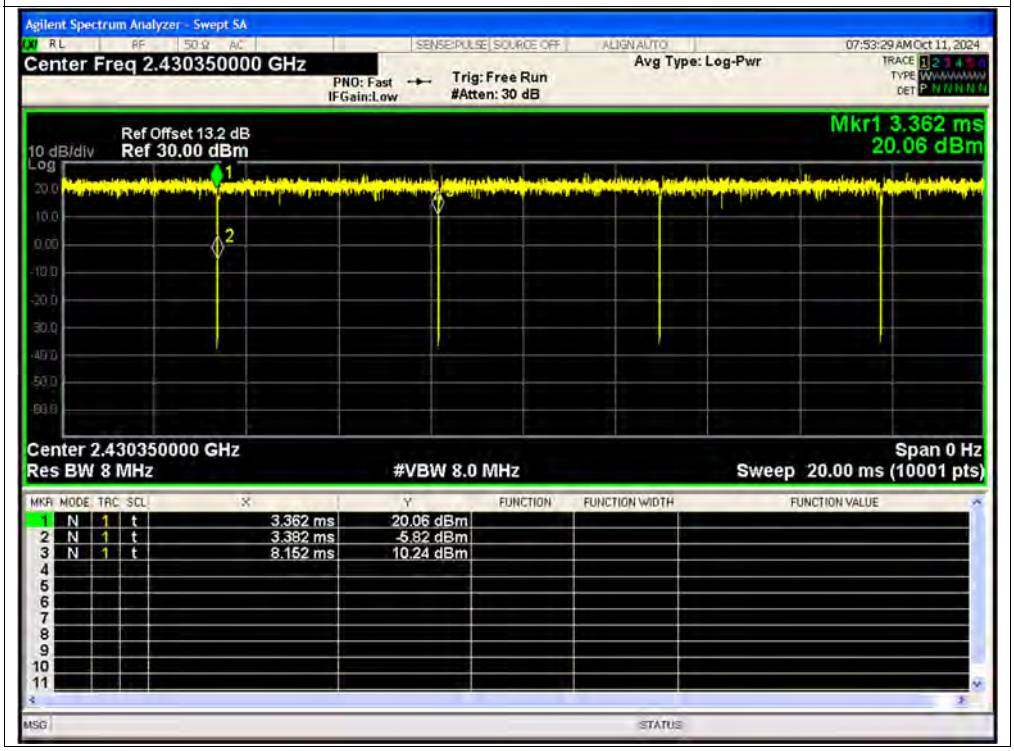
Duty Cycle NVNT ax20 106@53 2462MHz Ant2 SISO



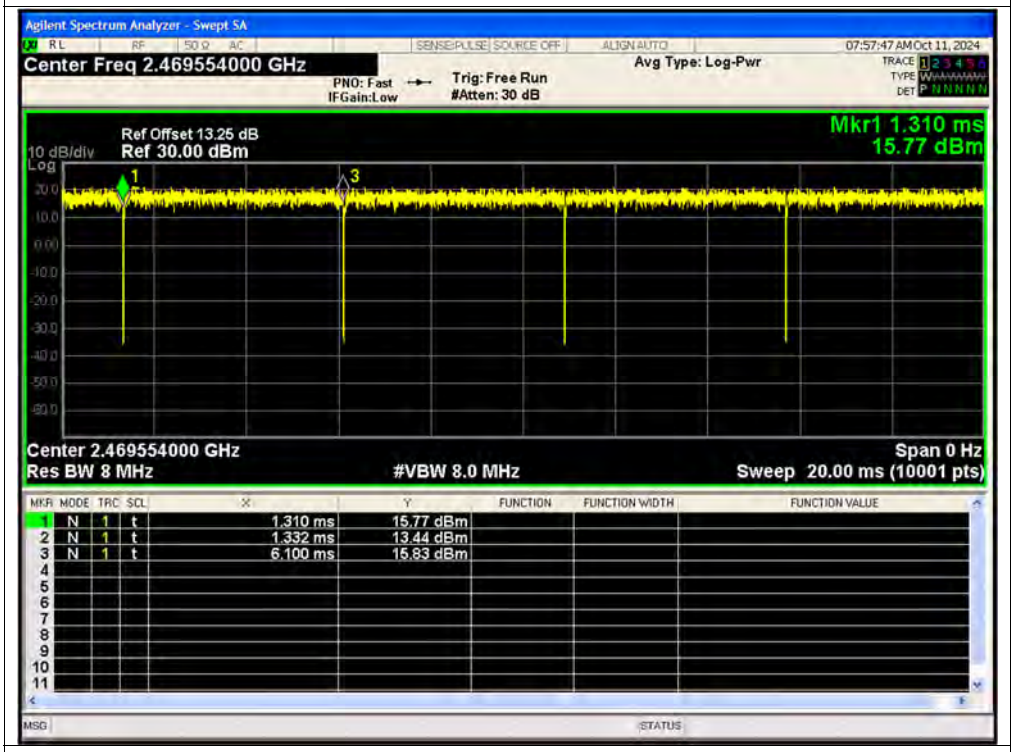
Duty Cycle NVNT ax20 106@53 2412MHz Sum MIMO



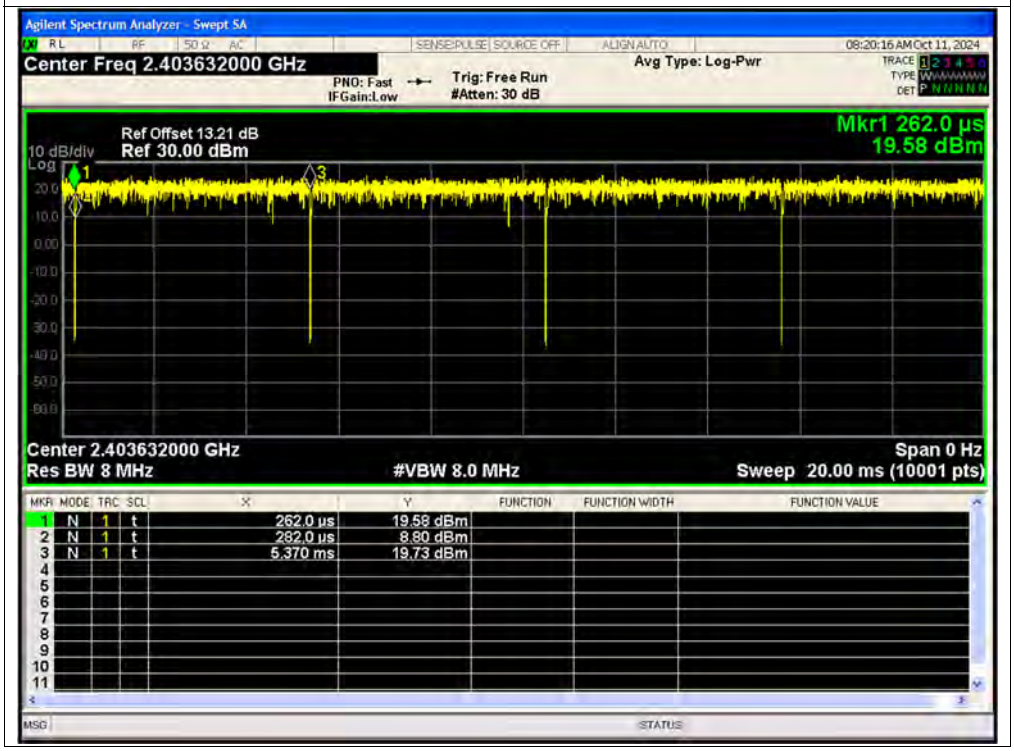
Duty Cycle NVNT ax20 106@53 2437MHz Sum MIMO



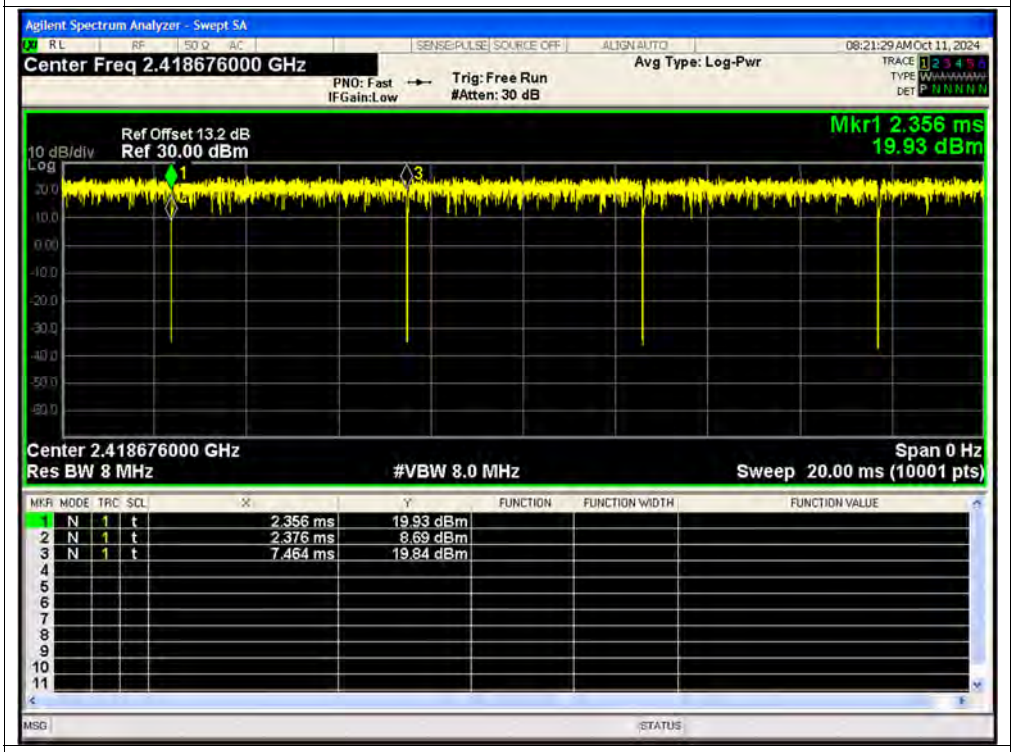
Duty Cycle NVNT ax20 106@53 2462MHz Sum MIMO



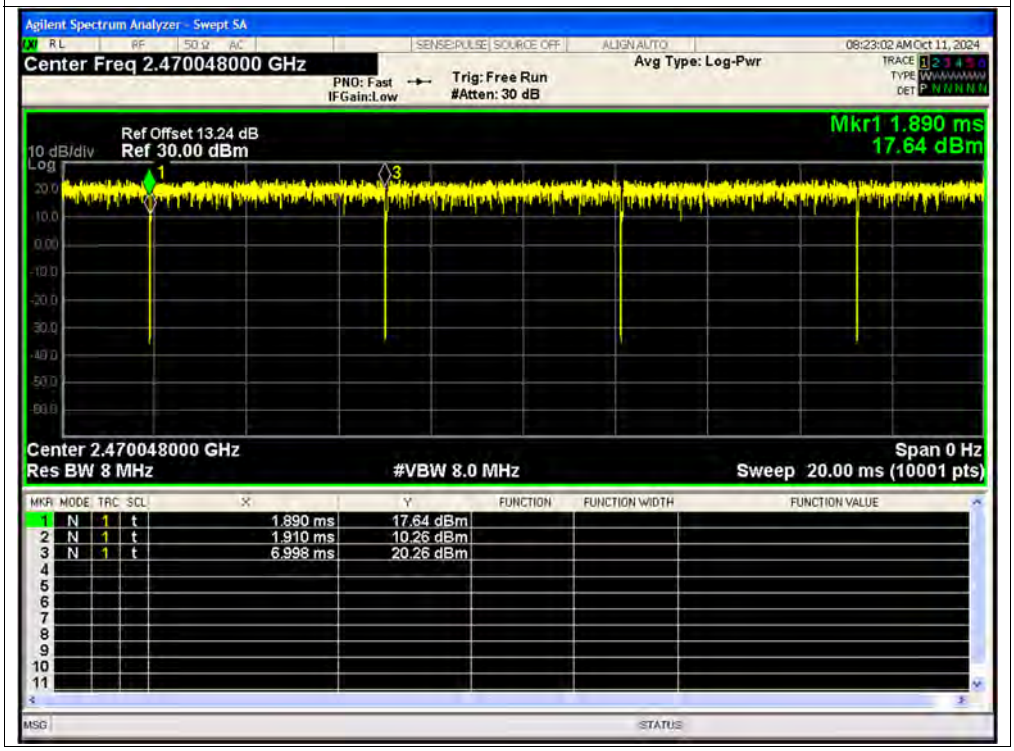
Duty Cycle NVNT ax40 26@0 2422MHz Ant1 SISO



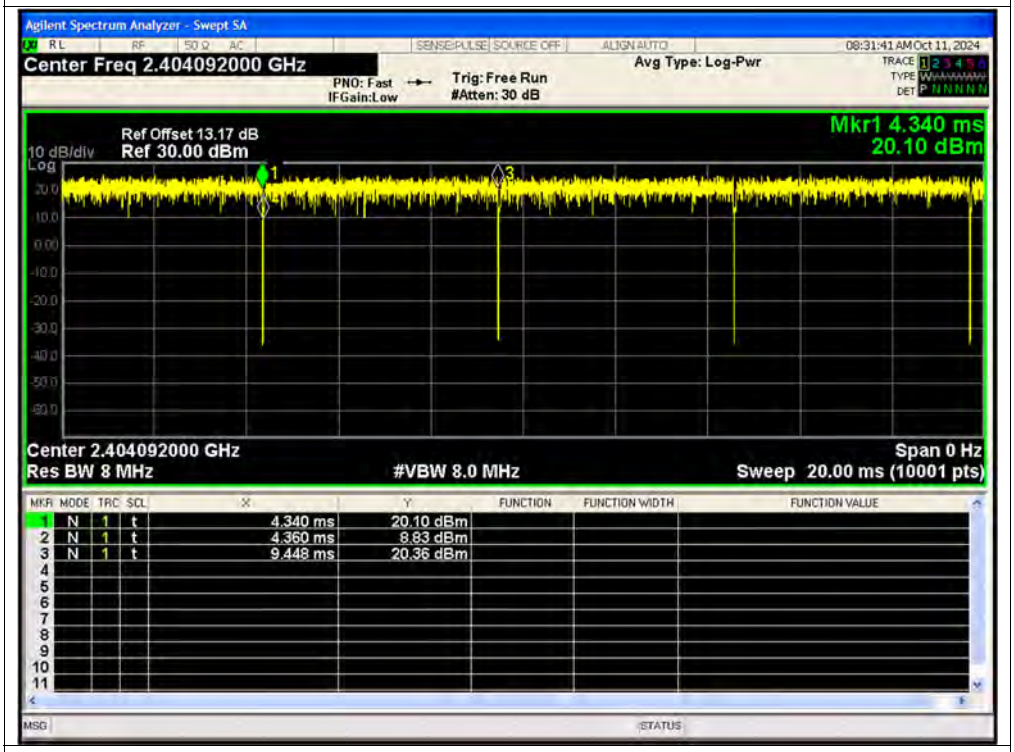
Duty Cycle NVNT ax40 26@0 2437MHz Ant1 SISO



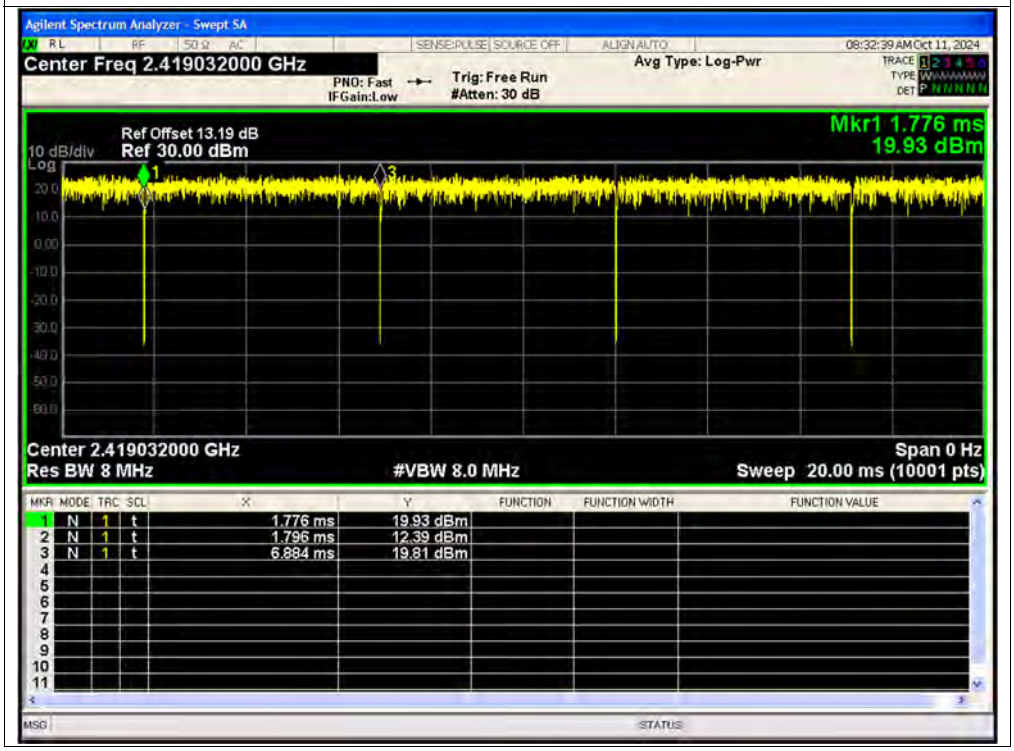
Duty Cycle NVNT ax40 26@0 2452MHz Ant1 SISO



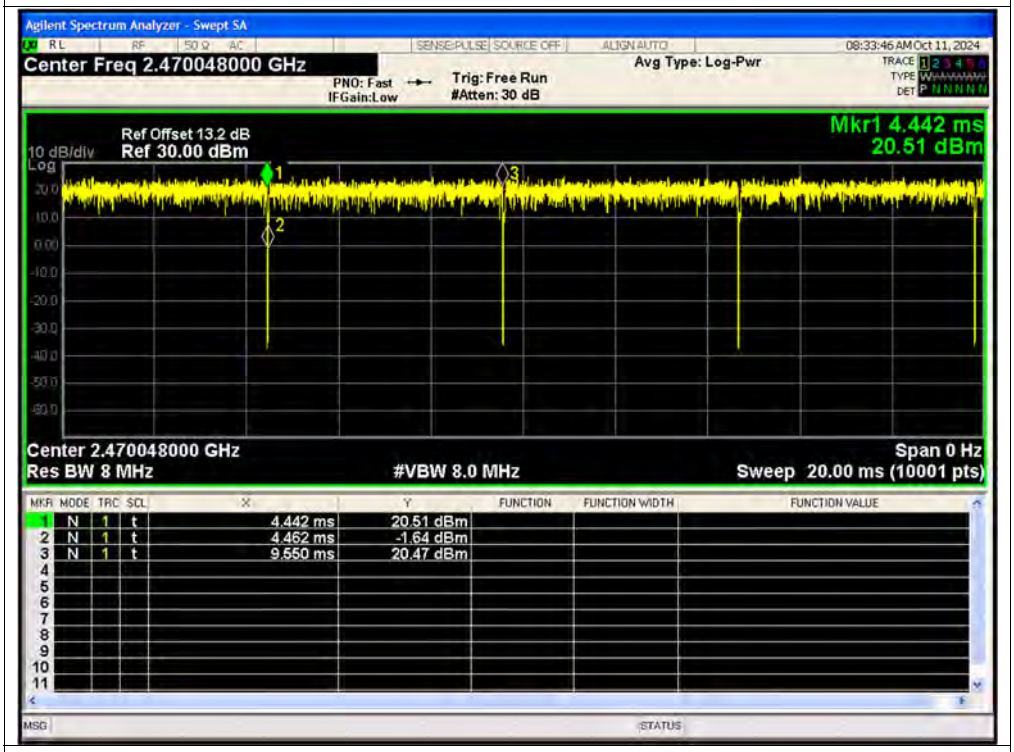
Duty Cycle NVNT ax40 26@0 2422MHz Ant2 SISO



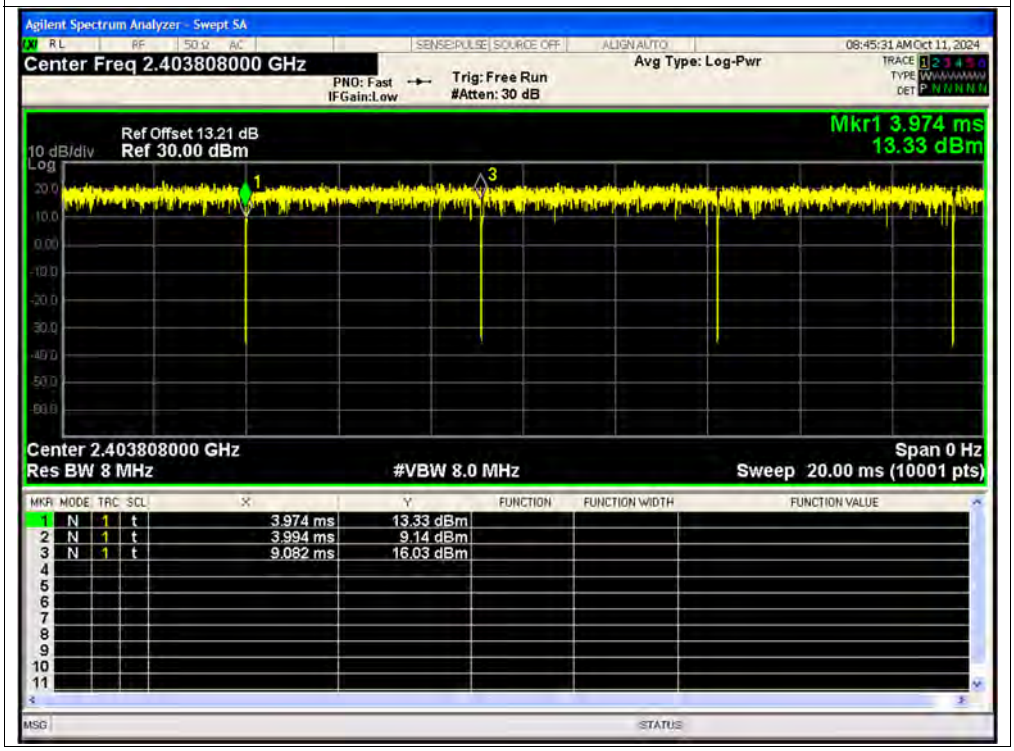
Duty Cycle NVNT ax40 26@0 2437MHz Ant2 SISO



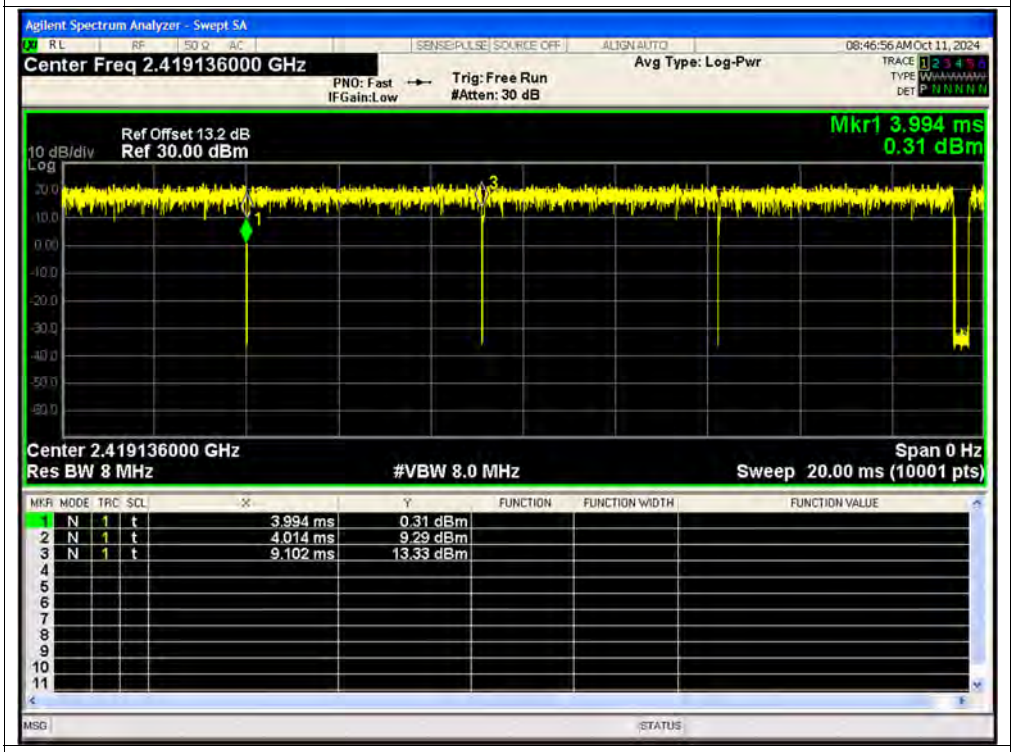
Duty Cycle NVNT ax40 26@0 2452MHz Ant2 SISO



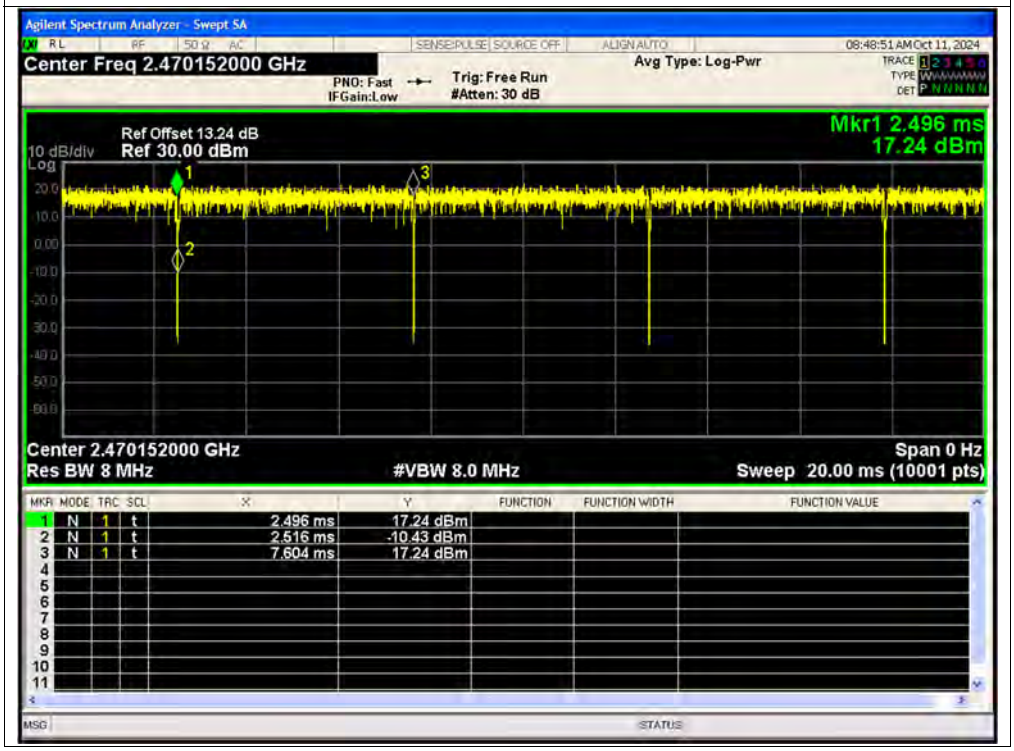
Duty Cycle NVNT ax40 26@0 2422MHz Sum MIMO



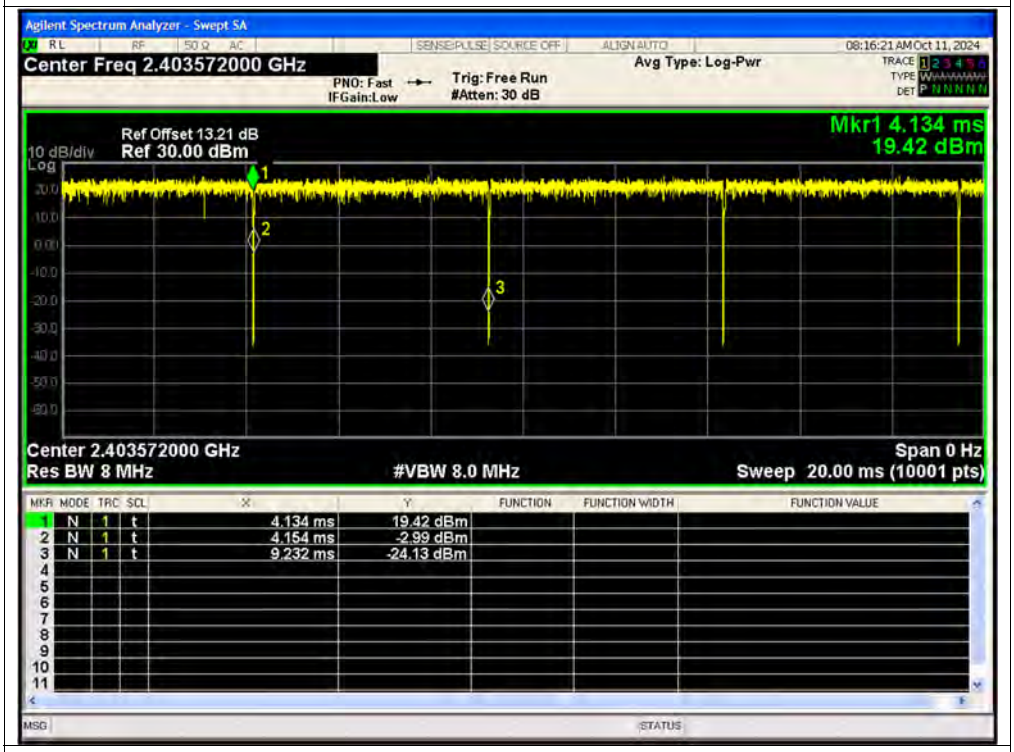
Duty Cycle NVNT ax40 26@0 2437MHz Sum MIMO



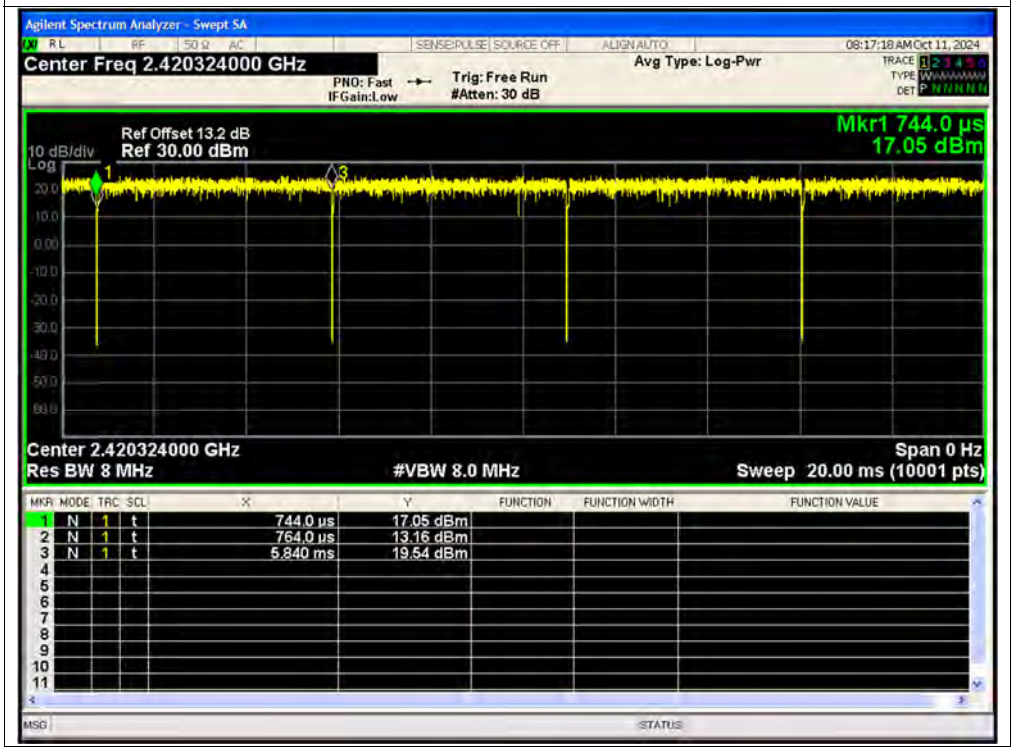
Duty Cycle NVNT ax40 26@0 2452MHz Sum MIMO



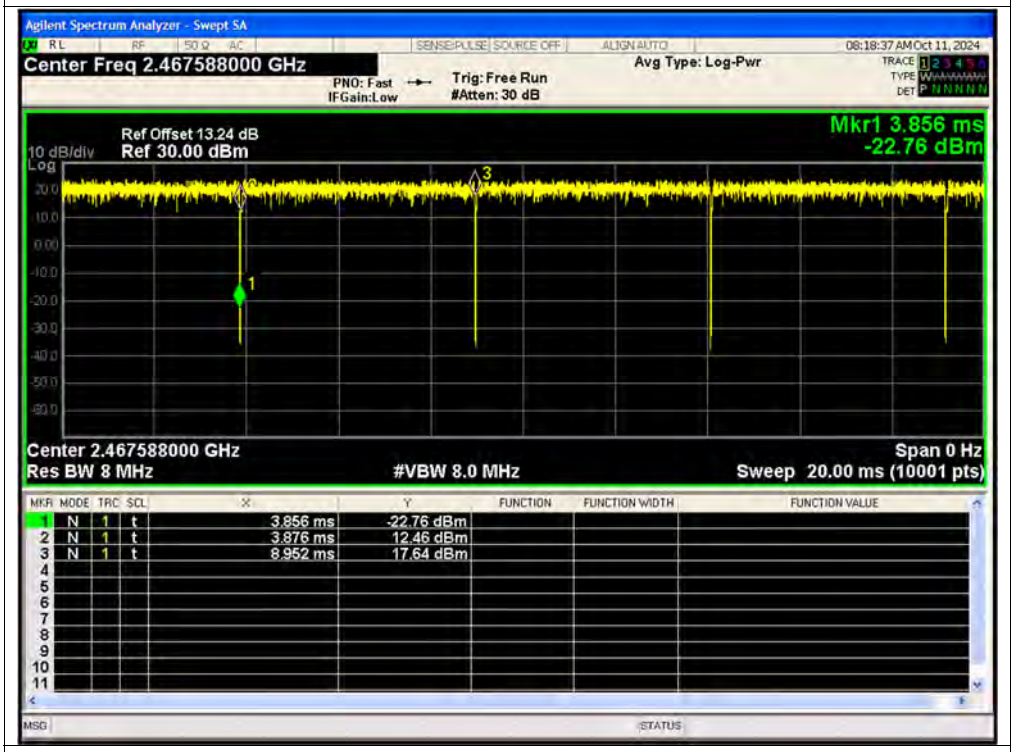
Duty Cycle NVNT ax40 52@37 2422MHz Ant1 SISO



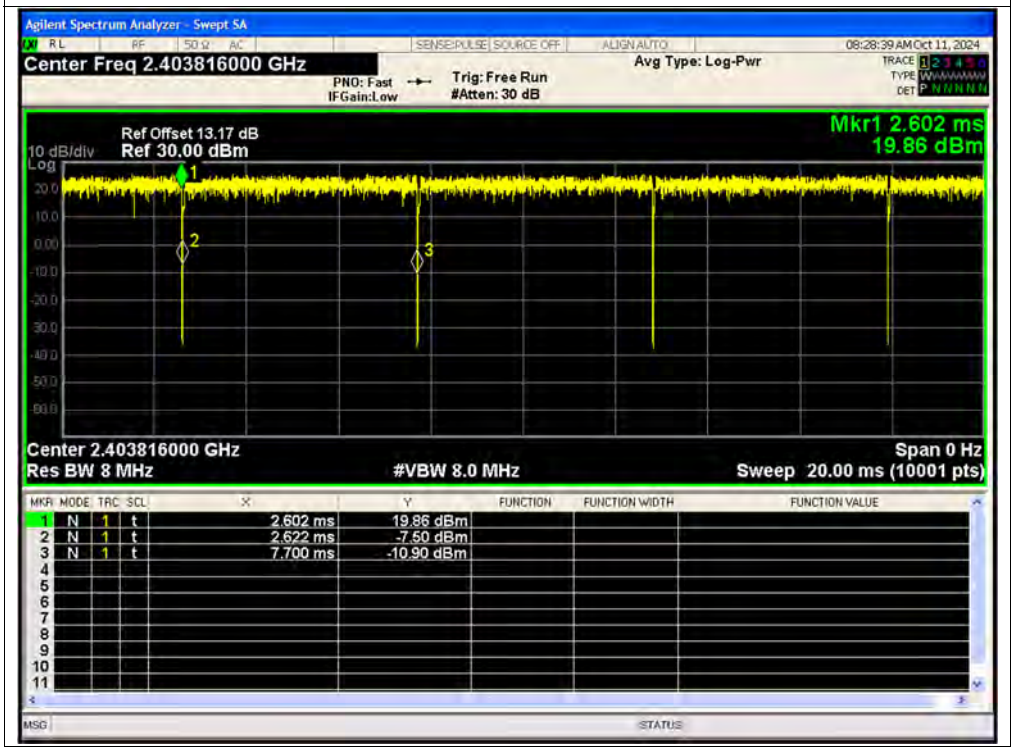
Duty Cycle NVNT ax40 52@37 2437MHz Ant1 SISO



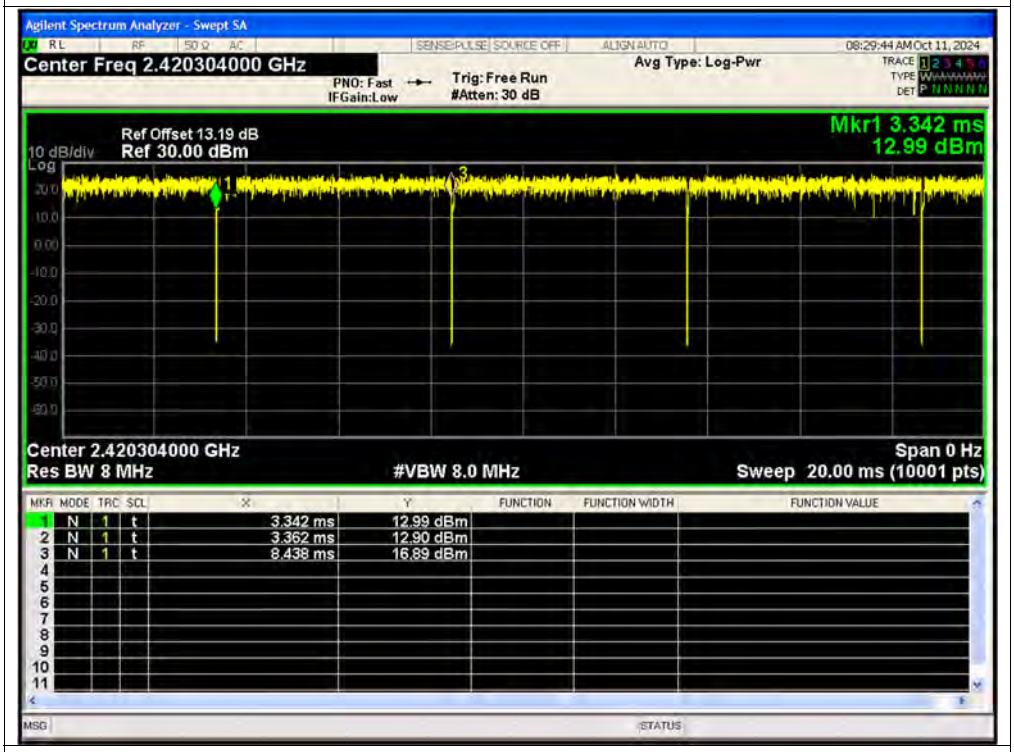
Duty Cycle NVNT ax40 52@37 2452MHz Ant1 SISO



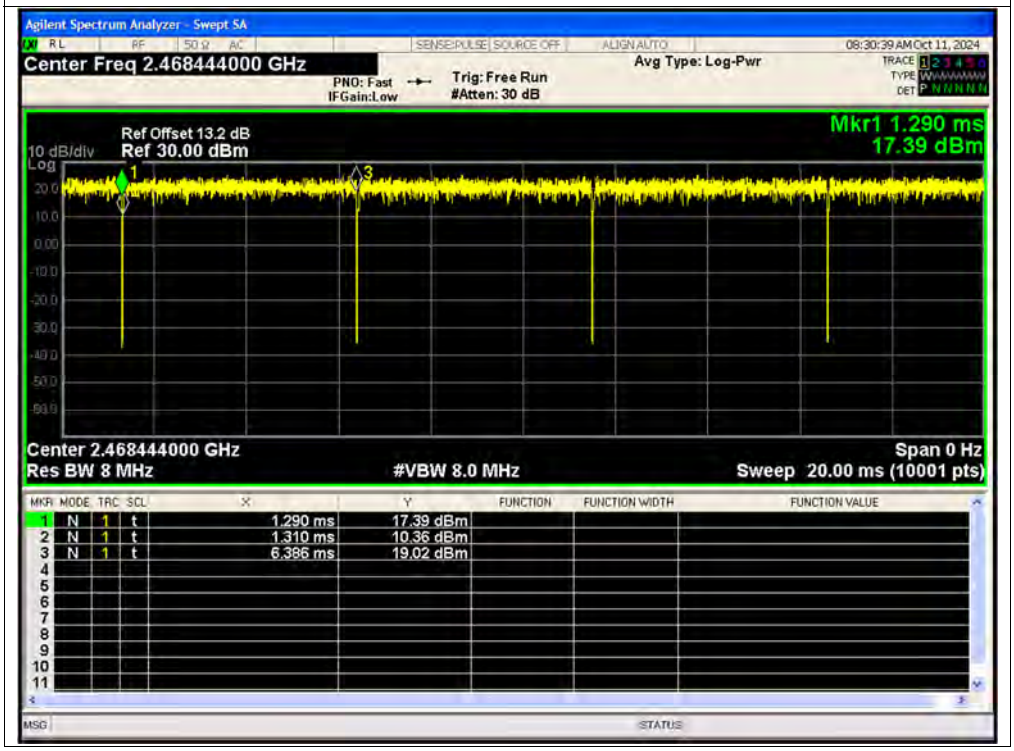
Duty Cycle NVNT ax40 52@37 2422MHz Ant2 SISO



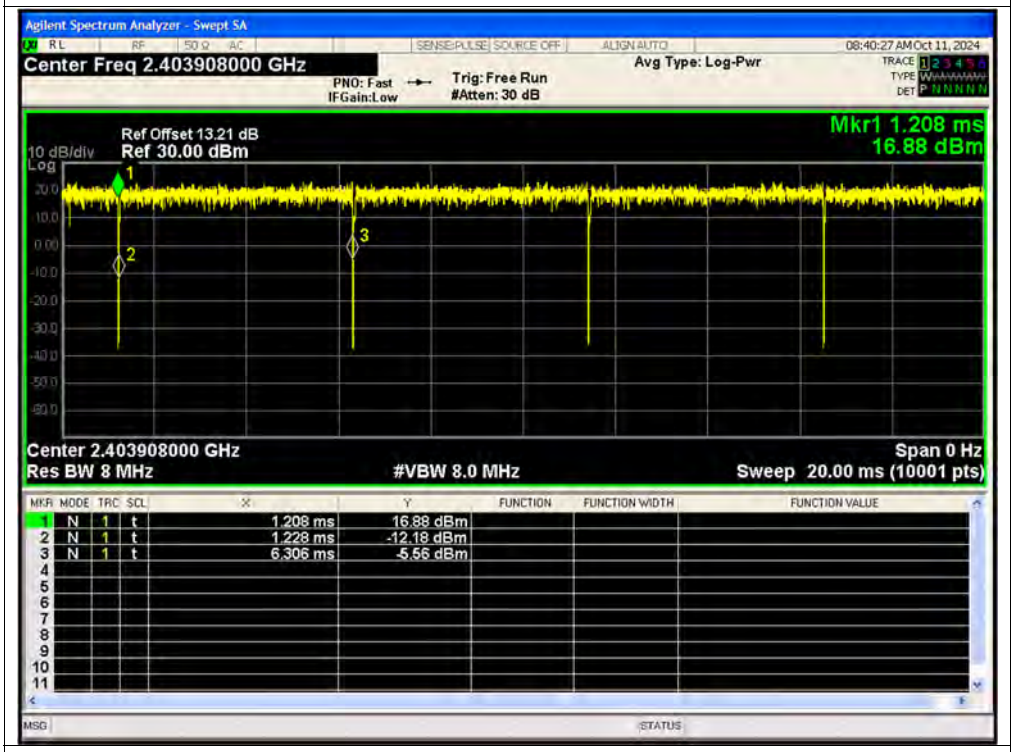
Duty Cycle NVNT ax40 52@37 2437MHz Ant2 SISO



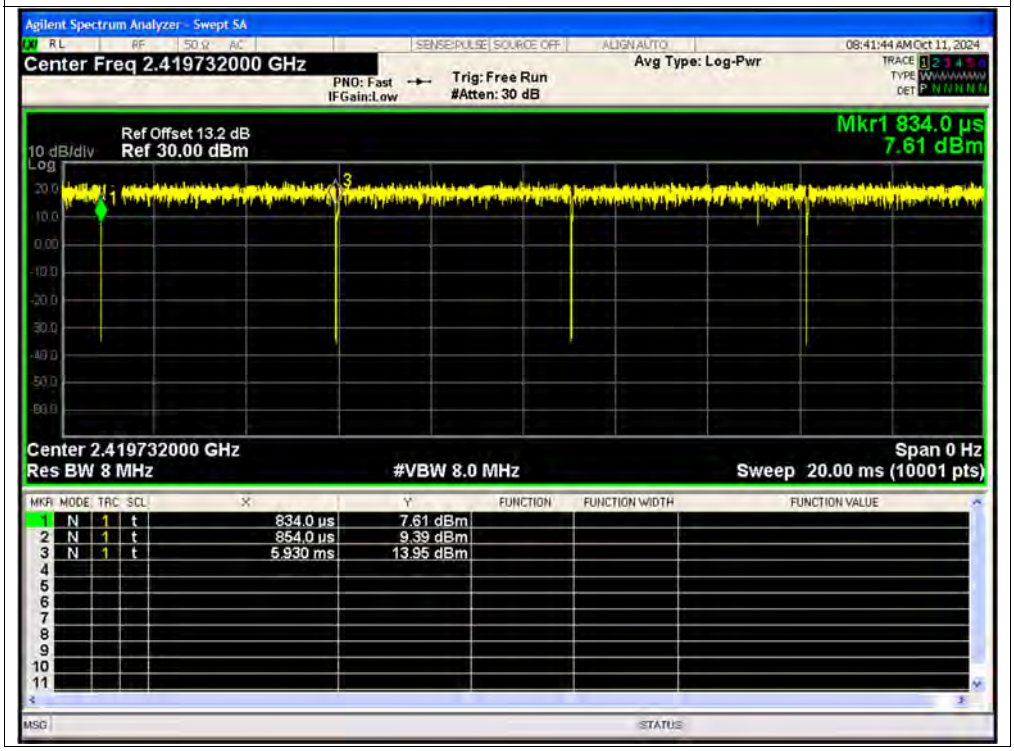
Duty Cycle NVNT ax40 52@37 2452MHz Ant2 SISO



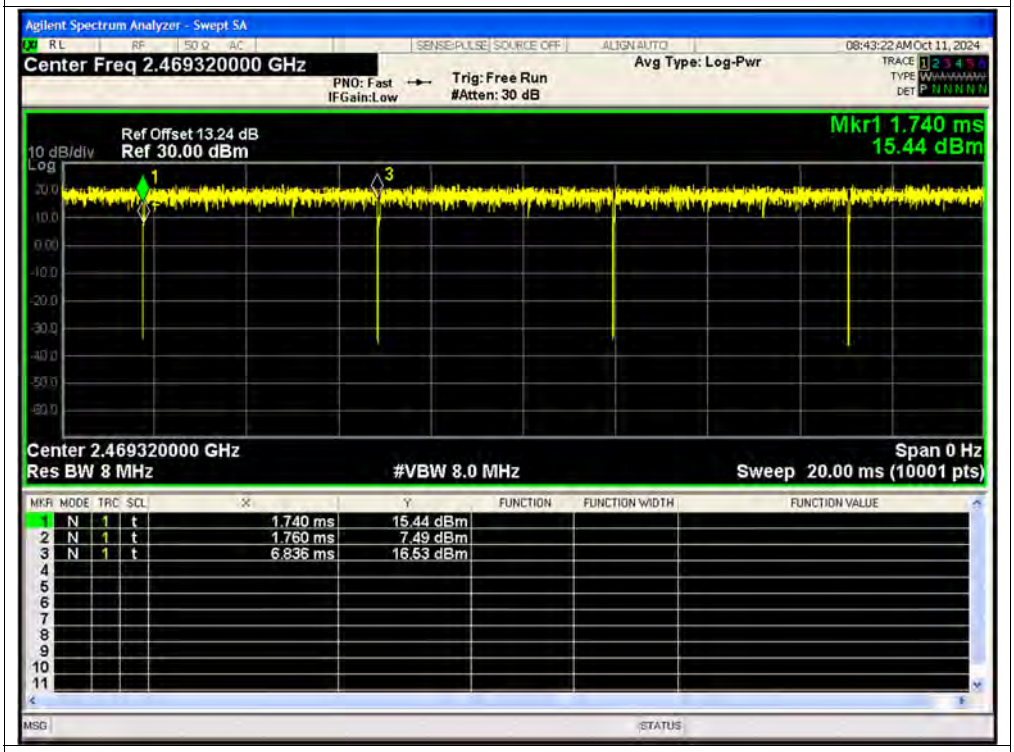
Duty Cycle NVNT ax40 52@37 2422MHz Sum MIMO



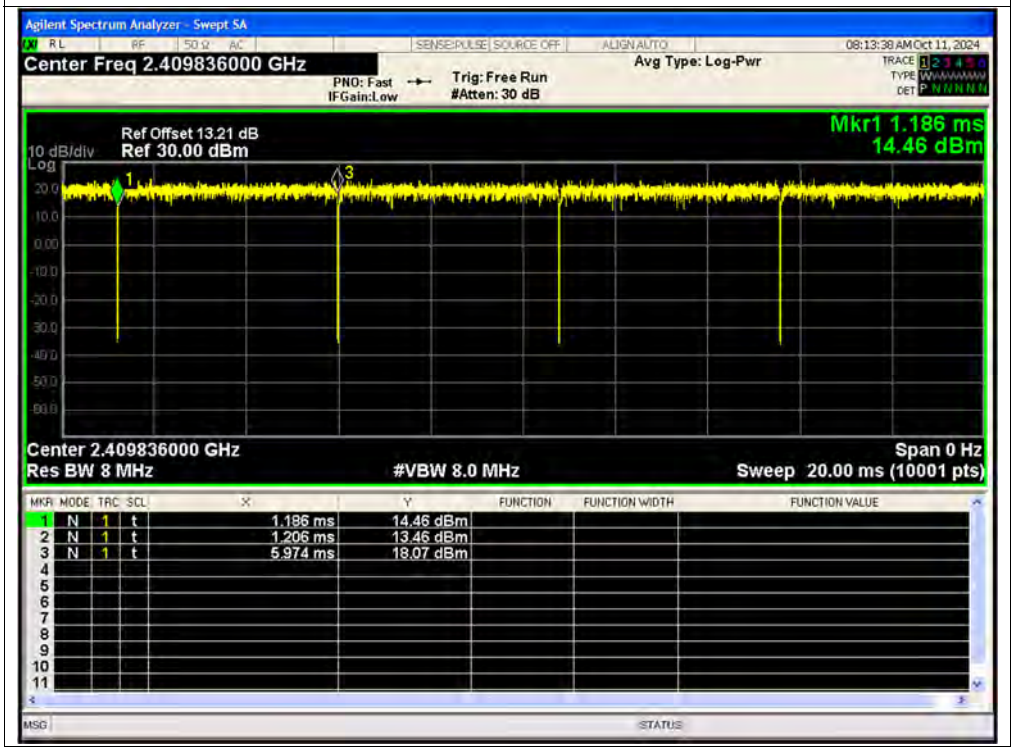
Duty Cycle NVNT ax40 52@37 2437MHz Sum MIMO



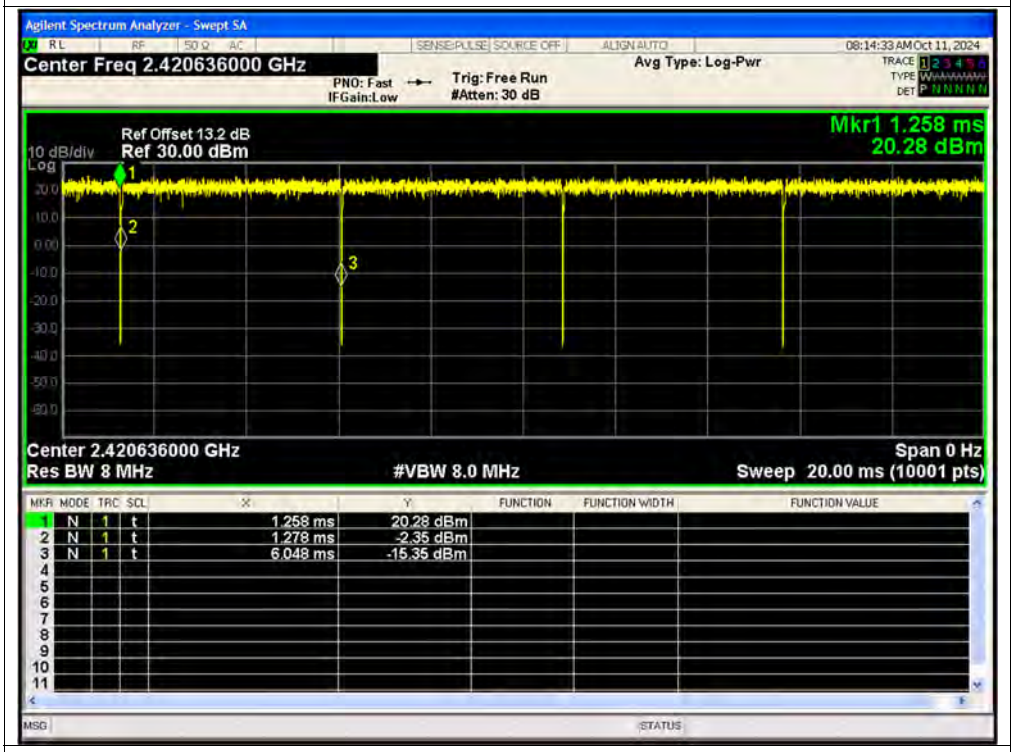
Duty Cycle NVNT ax40 52@37 2452MHz Sum MIMO



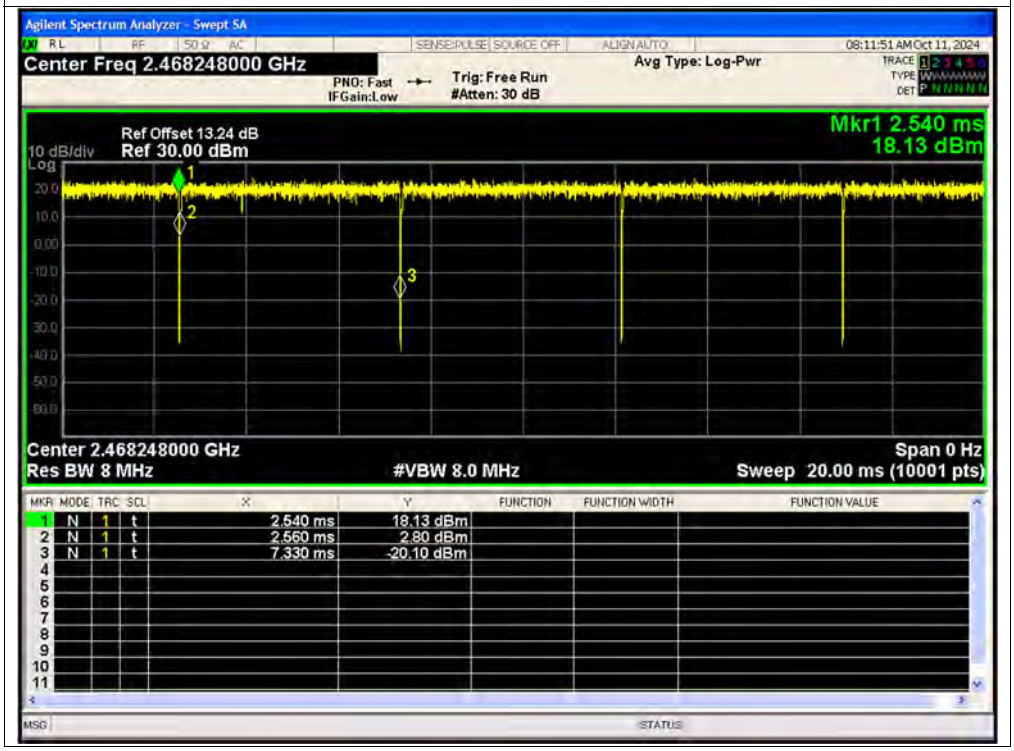
Duty Cycle NVNT ax40 106@53 2422MHz Ant1 SISO



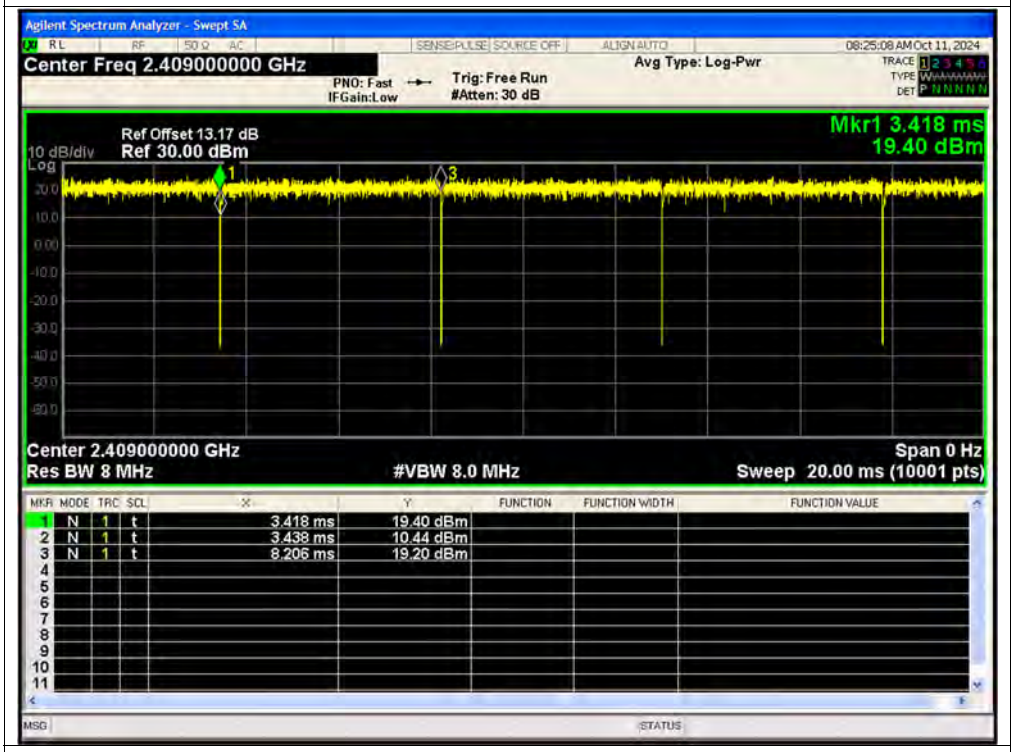
Duty Cycle NVNT ax40 106@53 2437MHz Ant1 SISO



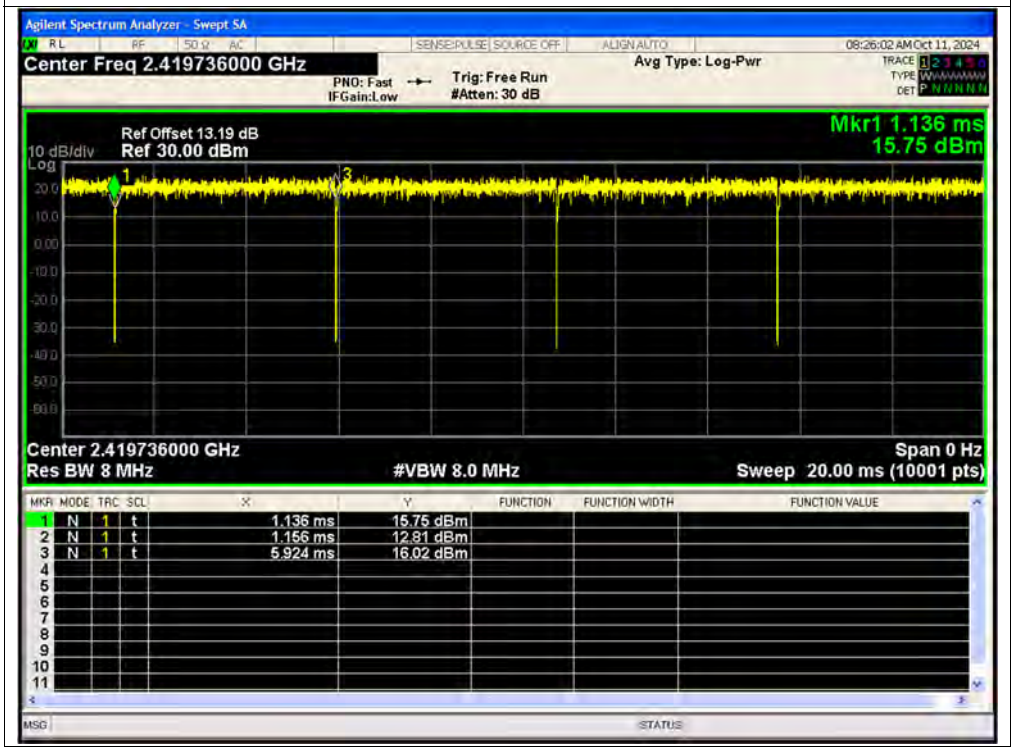
Duty Cycle NVNT ax40 106@53 2452MHz Ant1 SISO



Duty Cycle NVNT ax40 106@53 2422MHz Ant2 SISO



Duty Cycle NVNT ax40 106@53 2437MHz Ant2 SISO



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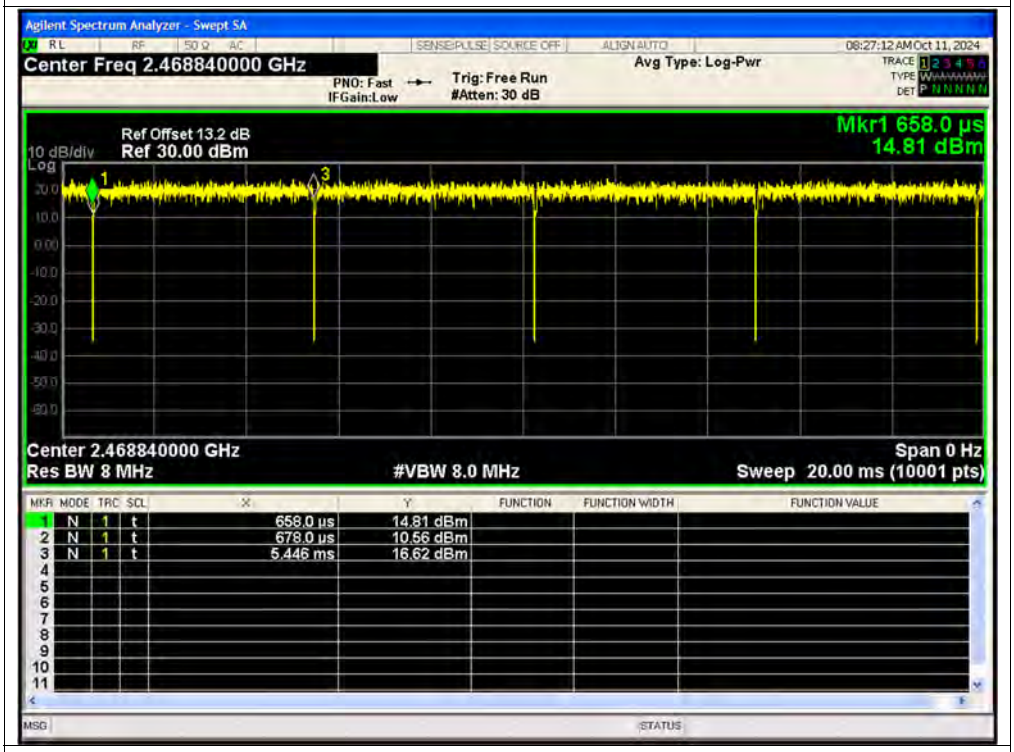
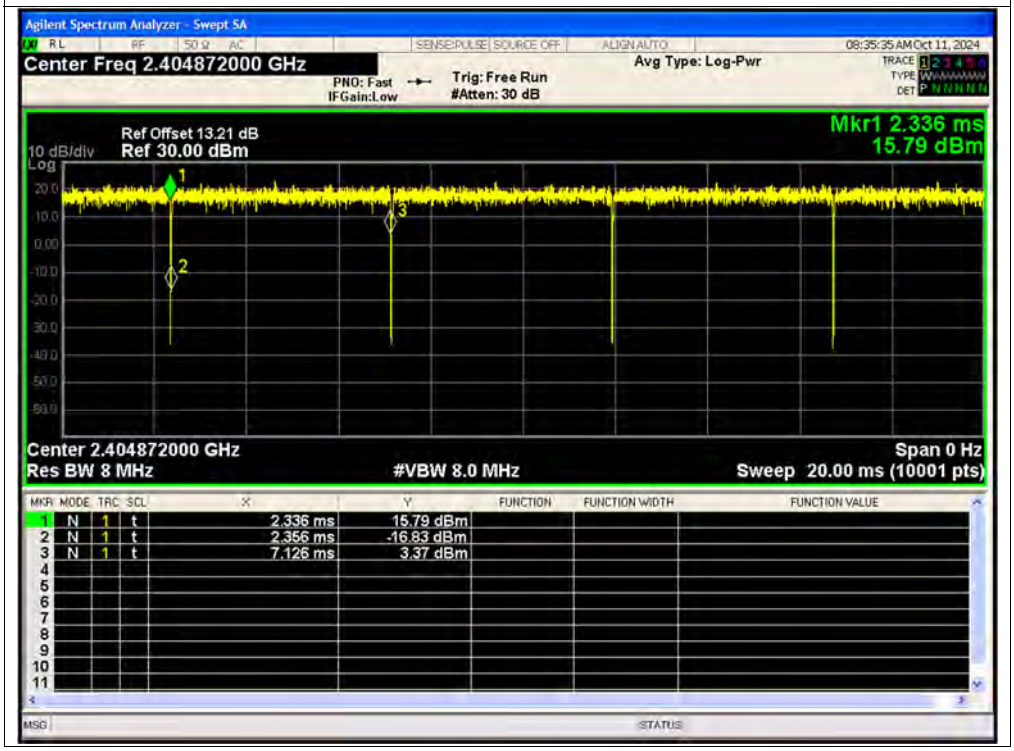
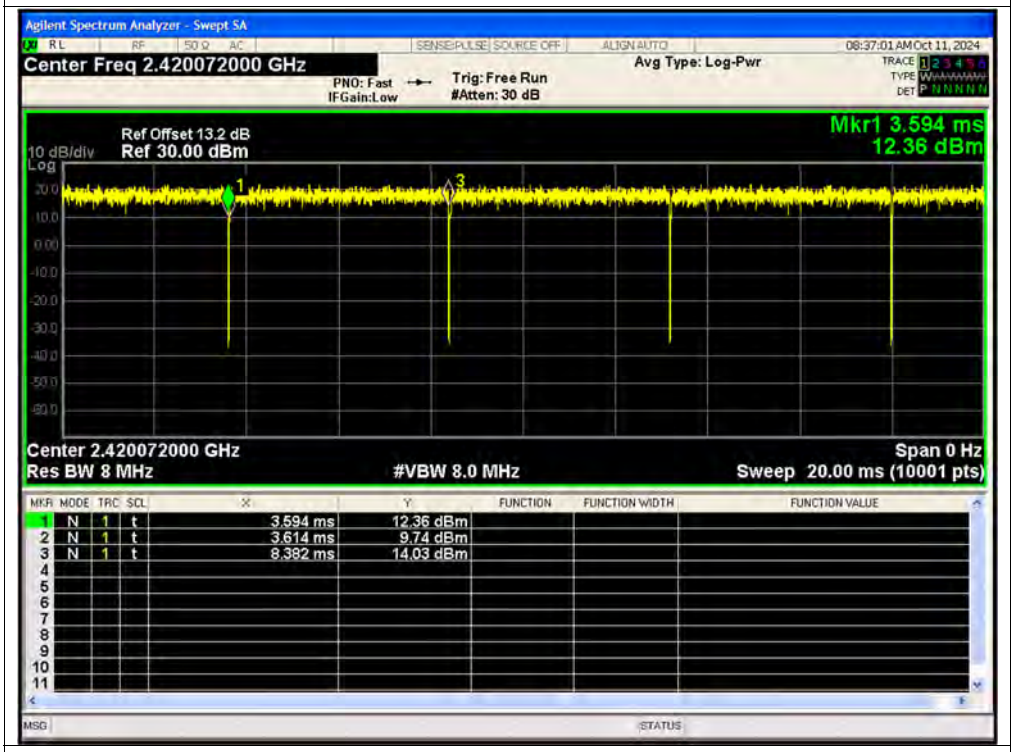


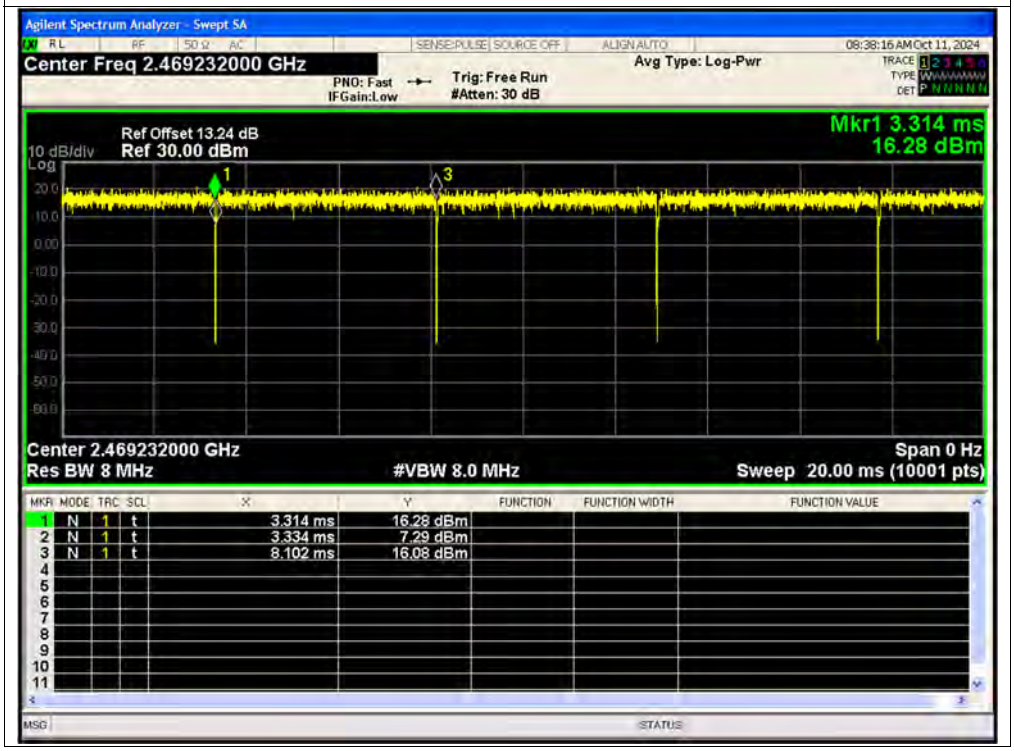
Duty Cycle NVNT ax40 106@53 2422MHz Sum MIMO



Duty Cycle NVNT ax40 106@53 2437MHz Sum MIMO



Duty Cycle NVNT ax40 106@53 2452MHz Sum MIMO



A.2. Maximum Peak Conducted Output Power

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted (dBm)	Verdict
b SISO	2412	Ant1	21.6	0	21.6	0.14454	30	Pass
b SISO	2437	Ant1	21.63	0	21.63	0.14555	30	Pass
b SISO	2462	Ant1	21.07	0	21.07	0.12794	30	Pass
b SISO	2412	Ant2	21.35	0	21.35	0.13646	30	Pass
b SISO	2437	Ant2	21.44	0	21.44	0.13932	30	Pass
b SISO	2462	Ant2	21.67	0	21.67	0.14689	30	Pass
g SISO	2412	Ant1	26.44	0	26.44	0.44055	30	Pass
g SISO	2437	Ant1	26.64	0	26.64	0.46132	30	Pass
g SISO	2462	Ant1	26.11	0	26.11	0.40832	30	Pass
g SISO	2412	Ant2	26.37	0	26.37	0.43351	30	Pass
g SISO	2437	Ant2	26.28	0	26.28	0.42462	30	Pass
g SISO	2462	Ant2	26.66	0	26.66	0.46345	30	Pass
n20 SISO	2412	Ant1	24.57	0	24.57	0.28642	30	Pass
n20 SISO	2437	Ant1	25.13	0	25.13	0.32584	30	Pass
n20 SISO	2462	Ant1	24.72	0	24.72	0.29648	30	Pass
n20 SISO	2412	Ant2	24.69	0	24.69	0.29444	30	Pass
n20 SISO	2437	Ant2	25.02	0	25.02	0.31769	30	Pass
n20 SISO	2462	Ant2	25.21	0	25.21	0.33189	30	Pass
n20 MIMO	2412	Ant1	25.34	0	25.34	0.34198	30	Pass
n20 MIMO	2412	Ant2	25.09	0	25.09	0.32285	30	Pass
n20 MIMO	2412	Sum	NaN	NaN	28.23	0.66483	30	Pass
n20 MIMO	2437	Ant1	25.53	0	25.53	0.35727	30	Pass
n20 MIMO	2437	Ant2	25.51	0	25.51	0.35563	30	Pass
n20 MIMO	2437	Sum	NaN	NaN	28.53	0.7129	30	Pass
n20 MIMO	2462	Ant1	24.81	0	24.81	0.30269	30	Pass
n20 MIMO	2462	Ant2	25.32	0	25.32	0.34041	30	Pass
n20 MIMO	2462	Sum	NaN	NaN	28.08	0.6431	30	Pass
n40 SISO	2422	Ant1	24.99	0	24.99	0.3155	30	Pass
n40 SISO	2437	Ant1	24.7	0	24.7	0.29512	30	Pass
n40 SISO	2452	Ant1	24.43	0	24.43	0.27733	30	Pass
n40 SISO	2422	Ant2	24.93	0	24.93	0.31117	30	Pass
n40 SISO	2437	Ant2	24.63	0	24.63	0.2904	30	Pass
n40 SISO	2452	Ant2	24.67	0	24.67	0.29309	30	Pass

n40 MIMO	2422	Ant1	25.27	0	25.27	0.33651	30	Pass
n40 MIMO	2422	Ant2	25.05	0	25.05	0.31989	30	Pass
n40 MIMO	2422	Sum	NaN	NaN	28.17	0.6564	30	Pass
n40 MIMO	2437	Ant1	25.08	0	25.08	0.32211	30	Pass
n40 MIMO	2437	Ant2	24.7	0	24.7	0.29512	30	Pass
n40 MIMO	2437	Sum	NaN	NaN	27.9	0.61723	30	Pass
n40 MIMO	2452	Ant1	24.96	0	24.96	0.31333	30	Pass
n40 MIMO	2452	Ant2	24.82	0	24.82	0.30339	30	Pass
n40 MIMO	2452	Sum	NaN	NaN	27.9	0.61672	30	Pass
ac20 SISO	2412	Ant1	24.19	0	24.19	0.26242	30	Pass
ac20 SISO	2437	Ant1	24.12	0	24.12	0.25823	30	Pass
ac20 SISO	2462	Ant1	23.8	0	23.8	0.23988	30	Pass
ac20 SISO	2412	Ant2	23.83	0	23.83	0.24155	30	Pass
ac20 SISO	2437	Ant2	23.62	0	23.62	0.23014	30	Pass
ac20 SISO	2462	Ant2	24.21	0	24.21	0.26363	30	Pass
ac20 MIMO	2412	Ant1	24.35	0	24.35	0.27227	30	Pass
ac20 MIMO	2412	Ant2	24.11	0	24.11	0.25763	30	Pass
ac20 MIMO	2412	Sum	NaN	NaN	27.24	0.5299	30	Pass
ac20 MIMO	2437	Ant1	24.2	0	24.2	0.26303	30	Pass
ac20 MIMO	2437	Ant2	24.06	0	24.06	0.25468	30	Pass
ac20 MIMO	2437	Sum	NaN	NaN	27.14	0.51771	30	Pass
ac20 MIMO	2462	Ant1	23.98	0	23.98	0.25003	30	Pass
ac20 MIMO	2462	Ant2	24.3	0	24.3	0.26915	30	Pass
ac20 MIMO	2462	Sum	NaN	NaN	27.15	0.51919	30	Pass
ac40 SISO	2422	Ant1	24.6	0	24.6	0.2884	30	Pass
ac40 SISO	2437	Ant1	24.69	0	24.69	0.29444	30	Pass
ac40 SISO	2452	Ant1	24.34	0	24.34	0.27164	30	Pass
ac40 SISO	2422	Ant2	24.28	0	24.28	0.26792	30	Pass
ac40 SISO	2437	Ant2	24.48	0	24.48	0.28054	30	Pass

ac40 SISO	2452	Ant2	24.61	0	24.61	0.28907	30	Pass
ac40 MIMO	2422	Ant1	24.69	0	24.69	0.29444	30	Pass
ac40 MIMO	2422	Ant2	24.6	0	24.6	0.2884	30	Pass
ac40 MIMO	2422	Sum	NaN	NaN	27.66	0.58285	30	Pass
ac40 MIMO	2437	Ant1	24.63	0	24.63	0.2904	30	Pass
ac40 MIMO	2437	Ant2	24.62	0	24.62	0.28973	30	Pass
ac40 MIMO	2437	Sum	NaN	NaN	27.64	0.58014	30	Pass
ac40 MIMO	2452	Ant1	24.49	0	24.49	0.28119	30	Pass
ac40 MIMO	2452	Ant2	24.77	0	24.77	0.29992	30	Pass
ac40 MIMO	2452	Sum	NaN	NaN	27.64	0.58111	30	Pass
ax20 SISO	2412	Ant1	24.57	0	24.57	0.28642	30	Pass
ax20 SISO	2437	Ant1	25.1	0	25.1	0.32359	30	Pass
ax20 SISO	2462	Ant1	24.37	0	24.37	0.27353	30	Pass
ax20 SISO	2412	Ant2	24.8	0	24.8	0.302	30	Pass
ax20 SISO	2437	Ant2	24.38	0	24.38	0.27416	30	Pass
ax20 SISO	2462	Ant2	24.59	0	24.59	0.28774	30	Pass
ax20 MIMO	2412	Ant1	24.97	0	24.97	0.31405	30	Pass
ax20 MIMO	2412	Ant2	24.78	0	24.78	0.30061	30	Pass
ax20 MIMO	2412	Sum	NaN	NaN	27.89	0.61466	30	Pass
ax20 MIMO	2437	Ant1	25.43	0	25.43	0.34914	30	Pass
ax20 MIMO	2437	Ant2	25.12	0	25.12	0.32509	30	Pass
ax20 MIMO	2437	Sum	NaN	NaN	28.29	0.67423	30	Pass
ax20 MIMO	2462	Ant1	24.73	0	24.73	0.29717	30	Pass

ax20 MIMO	2462	Ant2	25.12	0	25.12	0.32509	30	Pass
ax20 MIMO	2462	Sum	NaN	NaN	27.94	0.62225	30	Pass
ax40 SISO	2422	Ant1	24.74	0	24.74	0.29785	30	Pass
ax40 SISO	2437	Ant1	24.72	0	24.72	0.29648	30	Pass
ax40 SISO	2452	Ant1	24.56	0	24.56	0.28576	30	Pass
ax40 SISO	2422	Ant2	24.87	0	24.87	0.3069	30	Pass
ax40 SISO	2437	Ant2	24.6	0	24.6	0.2884	30	Pass
ax40 SISO	2452	Ant2	24.65	0	24.65	0.29174	30	Pass
ax40 MIMO	2422	Ant1	24.84	0	24.84	0.30479	30	Pass
ax40 MIMO	2422	Ant2	24.72	0	24.72	0.29648	30	Pass
ax40 MIMO	2422	Sum	NaN	NaN	27.79	0.60127	30	Pass
ax40 MIMO	2437	Ant1	24.87	0	24.87	0.3069	30	Pass
ax40 MIMO	2437	Ant2	24.91	0	24.91	0.30974	30	Pass
ax40 MIMO	2437	Sum	NaN	NaN	27.9	0.61664	30	Pass
ax40 MIMO	2452	Ant1	24.66	0	24.66	0.29242	30	Pass
ax40 MIMO	2452	Ant2	24.98	0	24.98	0.31477	30	Pass
ax40 MIMO	2452	Sum	NaN	NaN	27.83	0.60719	30	Pass
ax20 26@0 SISO	2412	Ant1	23.44	0	23.44	0.2208	30	Pass
ax20 26@0 SISO	2437	Ant1	23.52	0	23.52	0.22491	30	Pass
ax20 26@0 SISO	2462	Ant1	22.89	0	22.89	0.19454	30	Pass
ax20 26@0	2412	Ant2	23.53	0	23.53	0.22542	30	Pass

SISO								
ax20 26@0 SISO	2437	Ant2	23.38	0	23.38	0.21777	30	Pass
ax20 26@0 SISO	2462	Ant2	23.65	0	23.65	0.23174	30	Pass
ax20 26@0 MIMO	2412	Ant1	20.95	0	20.95	0.12445	30	Pass
ax20 26@0 MIMO	2412	Ant2	20.9	0	20.9	0.12303	30	Pass
ax20 26@0 MIMO	2412	Sum	NaN	NaN	23.94	0.24748	30	Pass
ax20 26@0 MIMO	2437	Ant1	21.03	0	21.03	0.12677	30	Pass
ax20 26@0 MIMO	2437	Ant2	21.47	0	21.47	0.14028	30	Pass
ax20 26@0 MIMO	2437	Sum	NaN	NaN	24.27	0.26705	30	Pass
ax20 26@0 MIMO	2462	Ant1	21.01	0	21.01	0.12618	30	Pass
ax20 26@0 MIMO	2462	Ant2	20.51	0	20.51	0.11246	30	Pass
ax20 26@0 MIMO	2462	Sum	NaN	NaN	23.78	0.23864	30	Pass
ax20 52@37 SISO	2412	Ant1	25.25	0	25.25	0.33497	30	Pass
ax20 52@37	2437	Ant1	25.06	0	25.06	0.32063	30	Pass

SISO								
ax20 52@37 SISO	2462	Ant1	24.67	0	24.67	0.29309	30	Pass
ax20 52@37 SISO	2412	Ant2	25.74	0	25.74	0.37497	30	Pass
ax20 52@37 SISO	2437	Ant2	25.51	0	25.51	0.35563	30	Pass
ax20 52@37 SISO	2462	Ant2	25.28	0	25.28	0.33729	30	Pass
ax20 52@37 MIMO	2412	Ant1	22.57	0	22.57	0.18072	30	Pass
ax20 52@37 MIMO	2412	Ant2	22.56	0	22.56	0.1803	30	Pass
ax20 52@37 MIMO	2412	Sum	NaN	NaN	25.58	0.36102	30	Pass
ax20 52@37 MIMO	2437	Ant1	22.75	0	22.75	0.18836	30	Pass
ax20 52@37 MIMO	2437	Ant2	23.12	0	23.12	0.20512	30	Pass
ax20 52@37 MIMO	2437	Sum	NaN	NaN	25.95	0.39348	30	Pass
ax20 52@37 MIMO	2462	Ant1	22.53	0	22.53	0.17906	30	Pass
ax20 52@37 MIMO	2462	Ant2	22.14	0	22.14	0.16368	30	Pass
ax20 52@37	2462	Sum	NaN	NaN	25.35	0.34274	30	Pass

MIMO								
ax20 106@53 SISO	2412	Ant1	24.92	0	24.92	0.31046	30	Pass
ax20 106@53 SISO	2437	Ant1	25.35	0	25.35	0.34277	30	Pass
ax20 106@53 SISO	2462	Ant1	24.78	0	24.78	0.30061	30	Pass
ax20 106@53 SISO	2412	Ant2	25.66	0	25.66	0.36813	30	Pass
ax20 106@53 SISO	2437	Ant2	25.29	0	25.29	0.33806	30	Pass
ax20 106@53 SISO	2462	Ant2	25.58	0	25.58	0.36141	30	Pass
ax20 106@53 MIMO	2412	Ant1	22.12	0	22.12	0.16293	30	Pass
ax20 106@53 MIMO	2412	Ant2	22.45	0	22.45	0.17579	30	Pass
ax20 106@53 MIMO	2412	Sum	NaN	NaN	25.3	0.33872	30	Pass
ax20 106@53 MIMO	2437	Ant1	22.24	0	22.24	0.16749	30	Pass
ax20 106@53 MIMO	2437	Ant2	22.3	0	22.3	0.16982	30	Pass
ax20 106@53 MIMO	2437	Sum	NaN	NaN	25.28	0.33732	30	Pass
ax20 106@53	2462	Ant1	21.96	0	21.96	0.15704	30	Pass

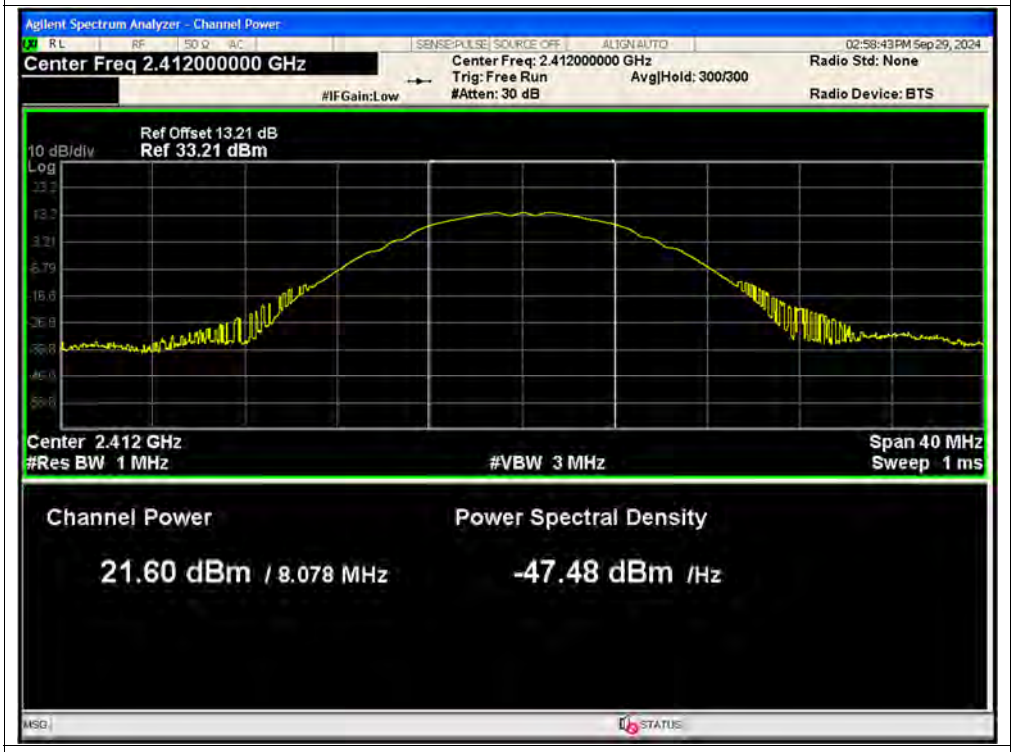
MIMO								
ax20 106@53 MIMO	2462	Ant2	21.86	0	21.86	0.15346	30	Pass
ax20 106@53 MIMO	2462	Sum	NaN	NaN	24.92	0.3105	30	Pass
ax40 26@0 SISO	2422	Ant1	23.25	0	23.25	0.21135	30	Pass
ax40 26@0 SISO	2437	Ant1	23.83	0	23.83	0.24155	30	Pass
ax40 26@0 SISO	2452	Ant1	22.23	0	22.23	0.16711	30	Pass
ax40 26@0 SISO	2422	Ant2	23.84	0	23.84	0.2421	30	Pass
ax40 26@0 SISO	2437	Ant2	23.7	0	23.7	0.23442	30	Pass
ax40 26@0 SISO	2452	Ant2	22.81	0	22.81	0.19099	30	Pass
ax40 26@0 MIMO	2422	Ant1	20.42	0	20.42	0.11015	30	Pass
ax40 26@0 MIMO	2422	Ant2	21.77	0	21.77	0.15031	30	Pass
ax40 26@0 MIMO	2422	Sum	NaN	NaN	24.16	0.26047	30	Pass
ax40 26@0 MIMO	2437	Ant1	20.9	0	20.9	0.12303	30	Pass
ax40 26@0	2437	Ant2	21.04	0	21.04	0.12706	30	Pass

MIMO								
ax40 26@0 MIMO	2437	Sum	NaN	NaN	23.98	0.25008	30	Pass
ax40 26@0 MIMO	2452	Ant1	20.23	0	20.23	0.10544	30	Pass
ax40 26@0 MIMO	2452	Ant2	20.01	0	20.01	0.10023	30	Pass
ax40 26@0 MIMO	2452	Sum	NaN	NaN	23.13	0.20567	30	Pass
ax40 52@37 SISO	2422	Ant1	23.72	0	23.72	0.2355	30	Pass
ax40 52@37 SISO	2437	Ant1	24.16	0	24.16	0.26062	30	Pass
ax40 52@37 SISO	2452	Ant1	22.38	0	22.38	0.17298	30	Pass
ax40 52@37 SISO	2422	Ant2	23.72	0	23.72	0.2355	30	Pass
ax40 52@37 SISO	2437	Ant2	24.84	0	24.84	0.30479	30	Pass
ax40 52@37 SISO	2452	Ant2	24.77	0	24.77	0.29992	30	Pass
ax40 52@37 MIMO	2422	Ant1	20.3	0	20.3	0.10715	30	Pass
ax40 52@37 MIMO	2422	Ant2	21.82	0	21.82	0.15205	30	Pass
ax40 52@37	2422	Sum	NaN	NaN	24.14	0.25921	30	Pass

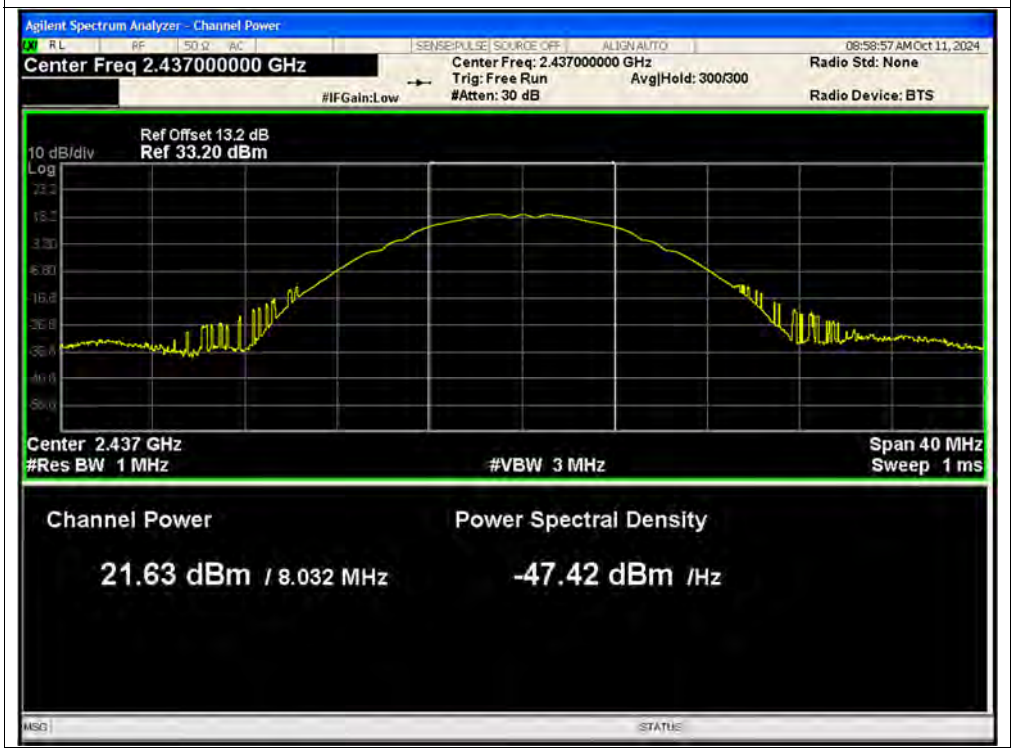
MIMO								
ax40 52@37 MIMO	2437	Ant1	20.79	0	20.79	0.11995	30	Pass
ax40 52@37 MIMO	2437	Ant2	21.61	0	21.61	0.14488	30	Pass
ax40 52@37 MIMO	2437	Sum	NaN	NaN	24.23	0.26483	30	Pass
ax40 52@37 MIMO	2452	Ant1	21.77	0	21.77	0.15031	30	Pass
ax40 52@37 MIMO	2452	Ant2	21.65	0	21.65	0.14622	30	Pass
ax40 52@37 MIMO	2452	Sum	NaN	NaN	24.72	0.29653	30	Pass
ax40 106@53 SISO	2422	Ant1	25.01	0	25.01	0.31696	30	Pass
ax40 106@53 SISO	2437	Ant1	25.53	0	25.53	0.35727	30	Pass
ax40 106@53 SISO	2452	Ant1	24.42	0	24.42	0.27669	30	Pass
ax40 106@53 SISO	2422	Ant2	25.93	0	25.93	0.39174	30	Pass
ax40 106@53 SISO	2437	Ant2	25.76	0	25.76	0.3767	30	Pass
ax40 106@53 SISO	2452	Ant2	24.66	0	24.66	0.29242	30	Pass
ax40 106@53	2422	Ant1	22.73	0	22.73	0.1875	30	Pass

MIMO								
ax40 106@53 MIMO	2422	Ant2	23.11	0	23.11	0.20464	30	Pass
ax40 106@53 MIMO	2422	Sum	NaN	NaN	25.93	0.39214	30	Pass
ax40 106@53 MIMO	2437	Ant1	22.6	0	22.6	0.18197	30	Pass
ax40 106@53 MIMO	2437	Ant2	22.8	0	22.8	0.19055	30	Pass
ax40 106@53 MIMO	2437	Sum	NaN	NaN	25.71	0.37252	30	Pass
ax40 106@53 MIMO	2452	Ant1	21.78	0	21.78	0.15066	30	Pass
ax40 106@53 MIMO	2452	Ant2	21.83	0	21.83	0.15241	30	Pass
ax40 106@53 MIMO	2452	Sum	NaN	NaN	24.82	0.30307	30	Pass

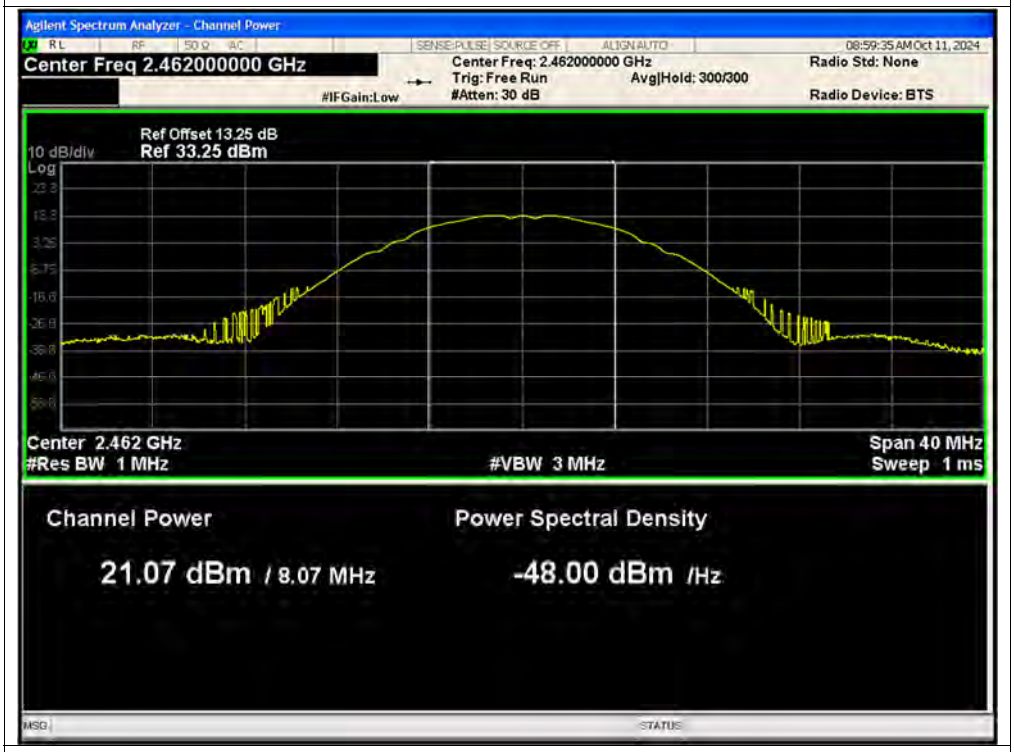
Test Graphs
Peak Power NVNT b 2412MHz Ant1 SISO



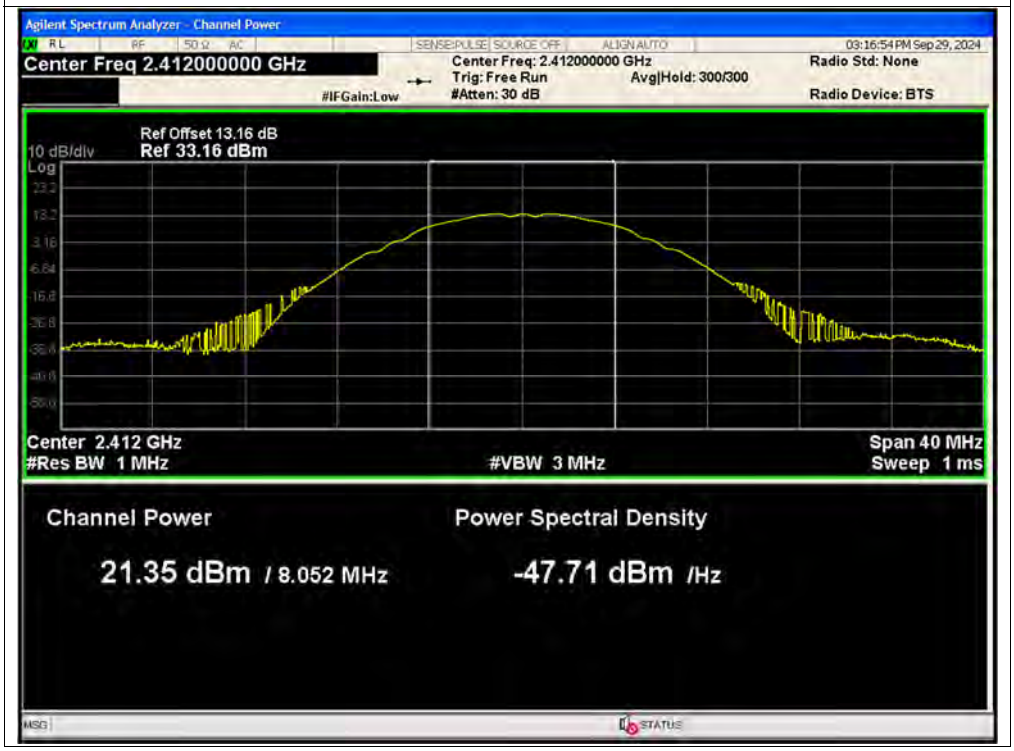
Peak Power NVNT b 2437MHz Ant1 SISO



Peak Power NVNT b 2462MHz Ant1 SISO



Peak Power NVNT b 2412MHz Ant2 SISO



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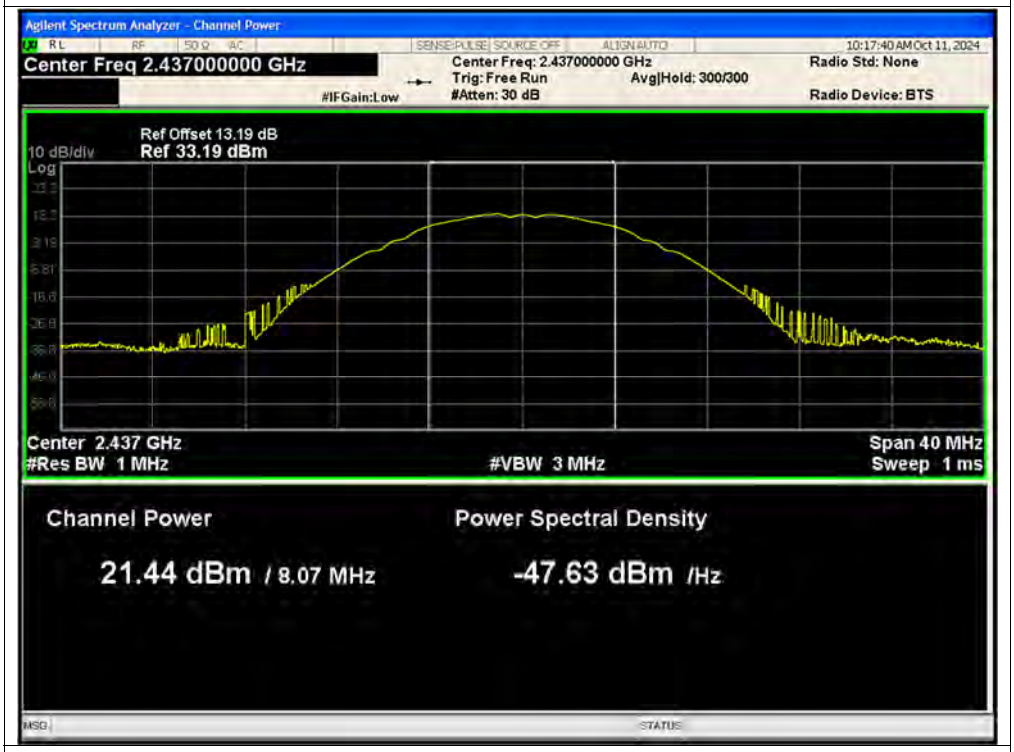

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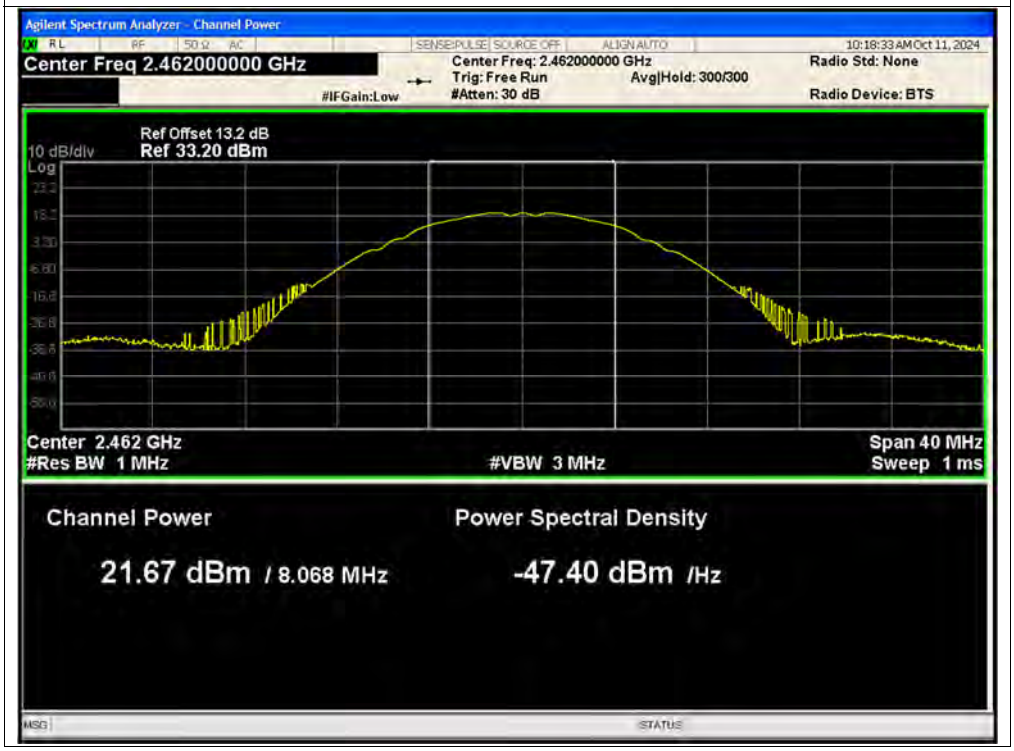
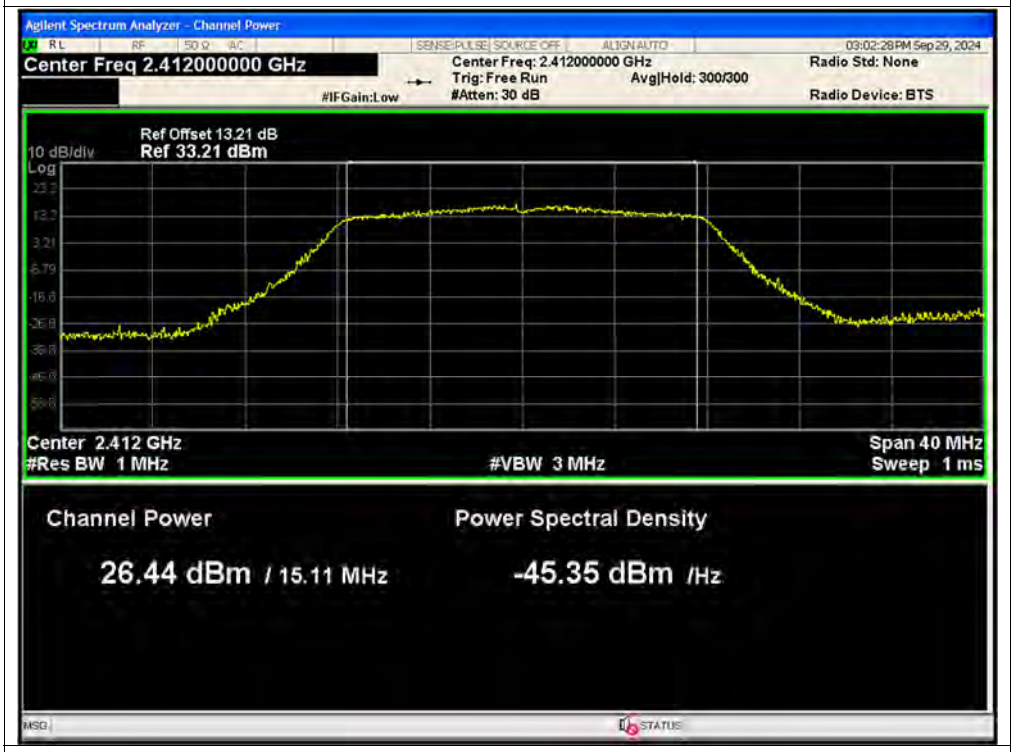


Peak Power NVNT g 2412MHz Ant1 SISO



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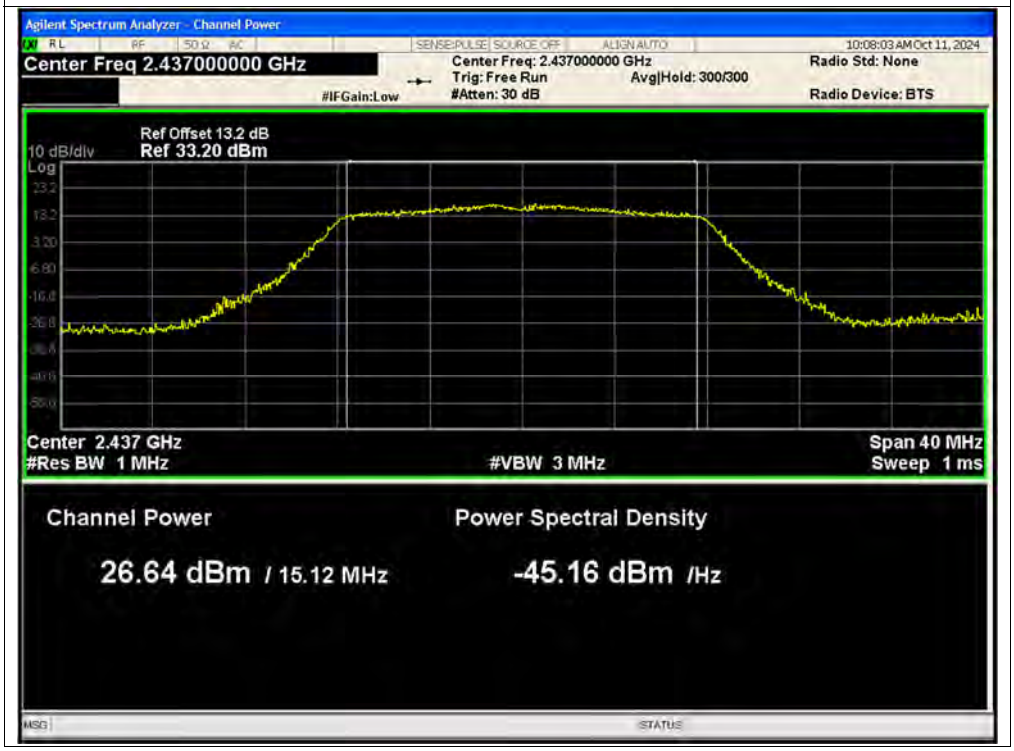

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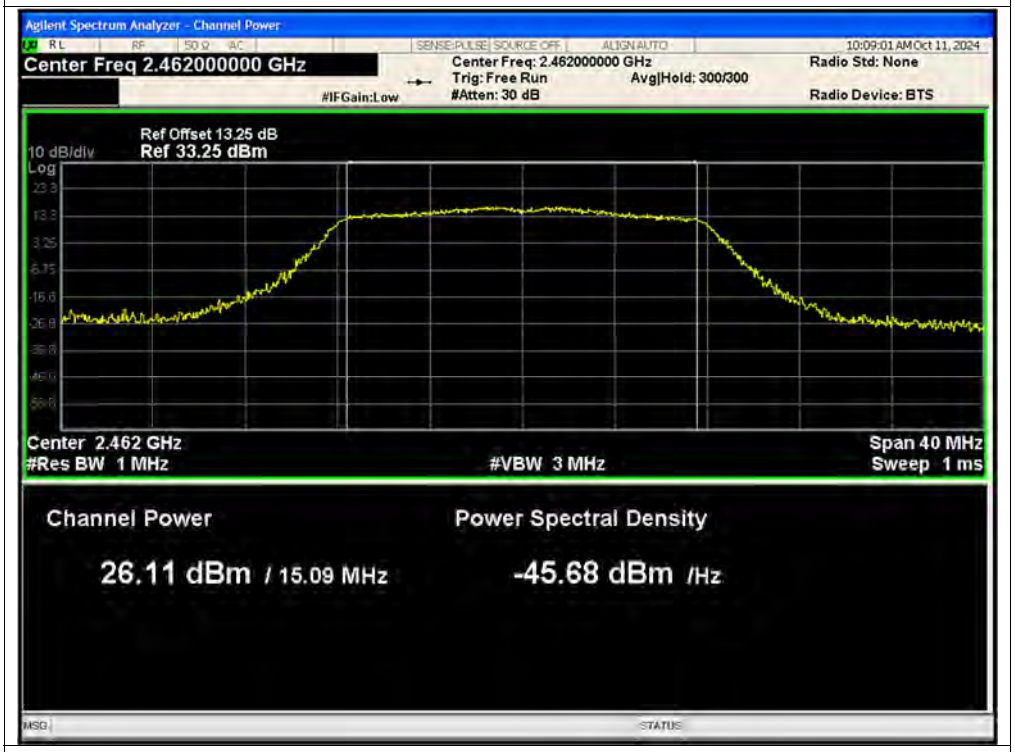

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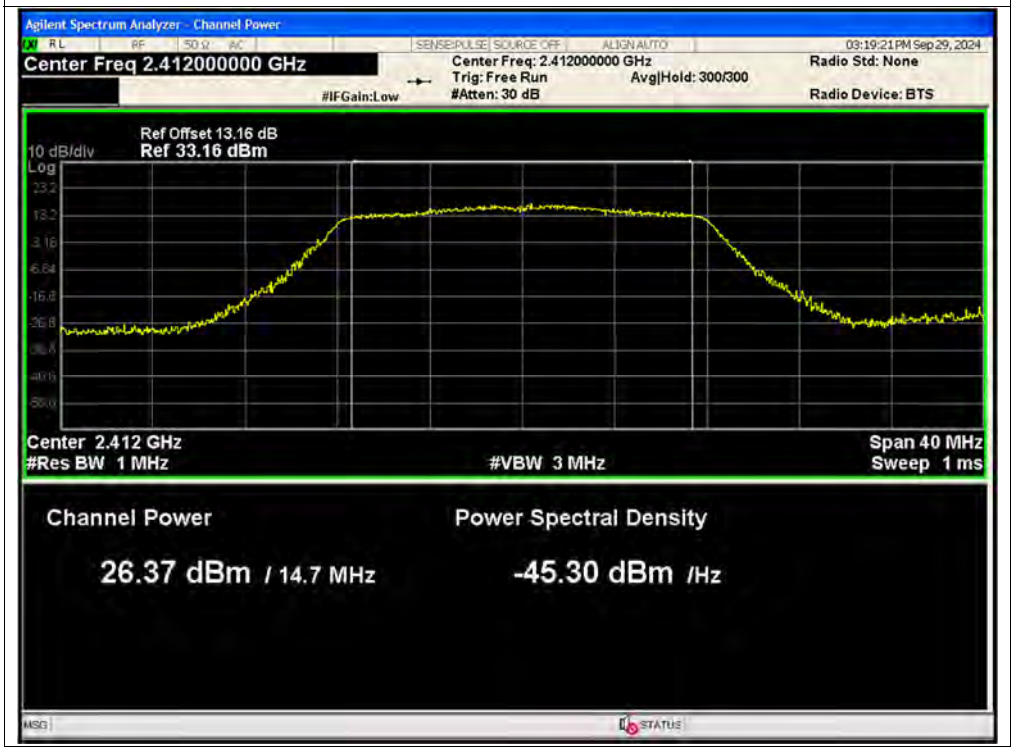

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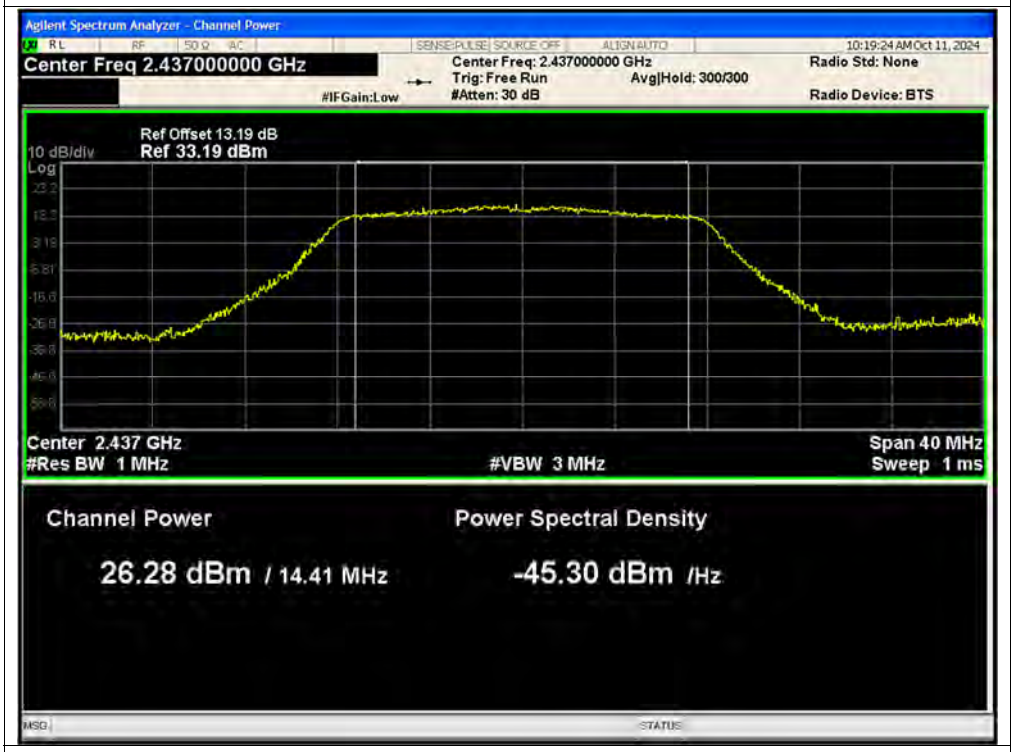

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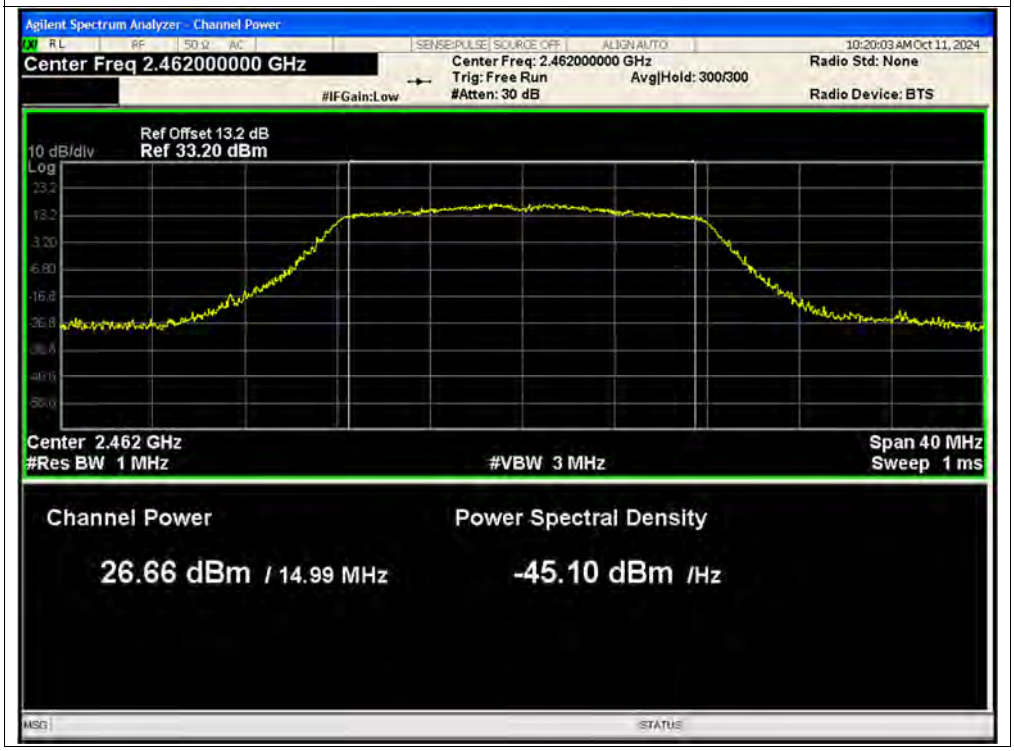
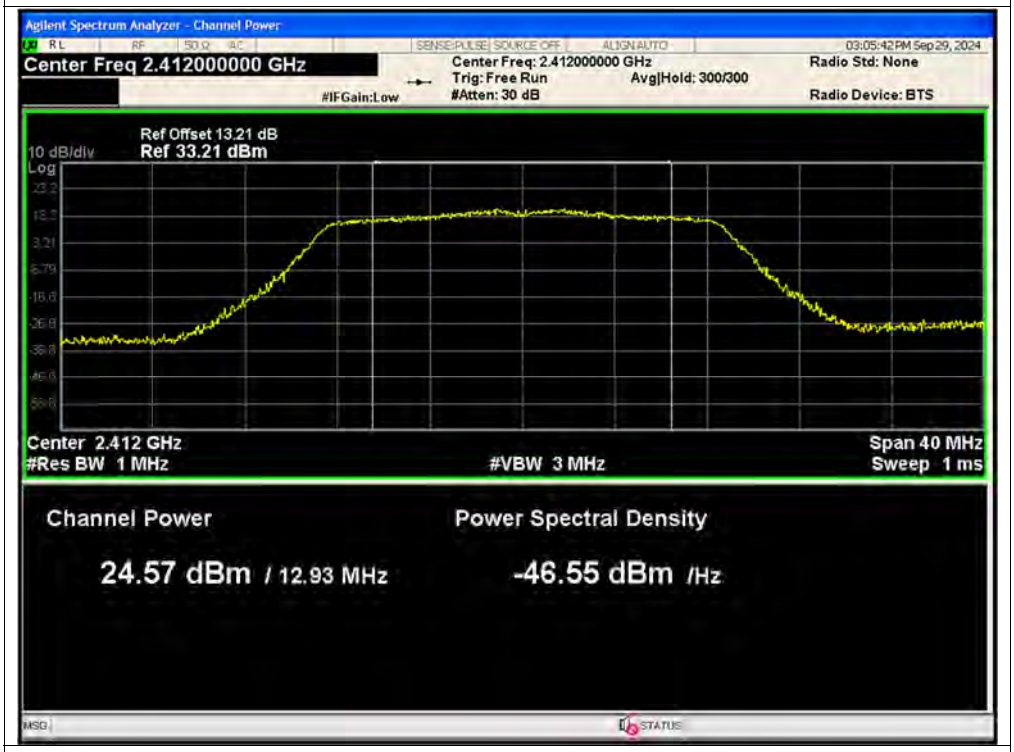


Peak Power NVNT n20 2412MHz Ant1 SISO



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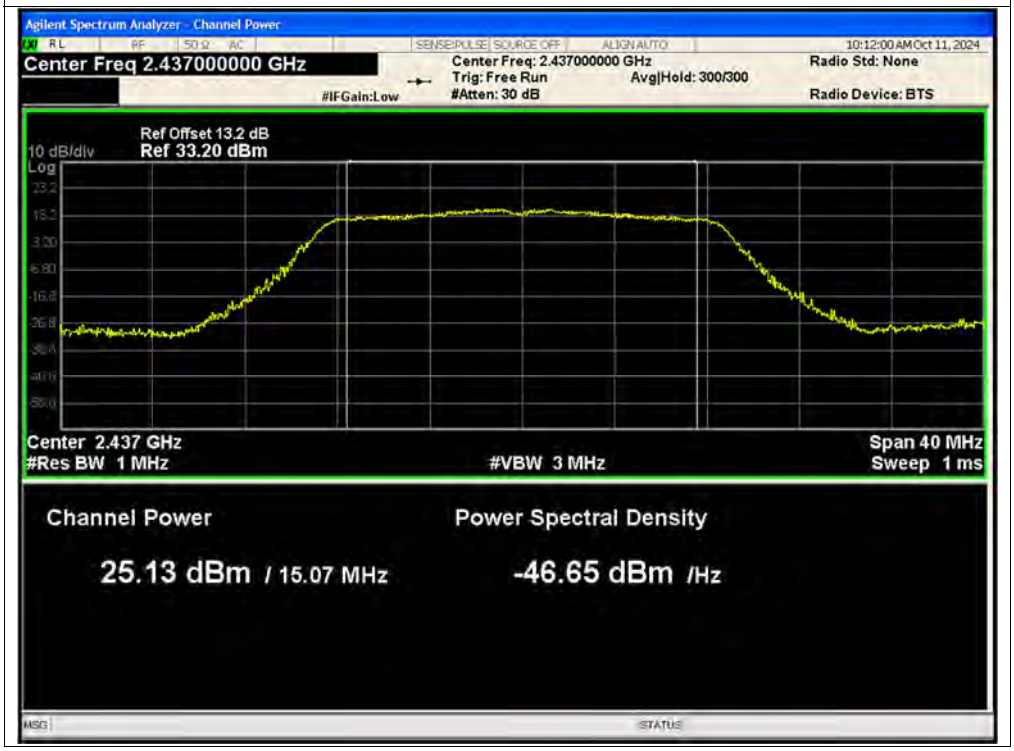

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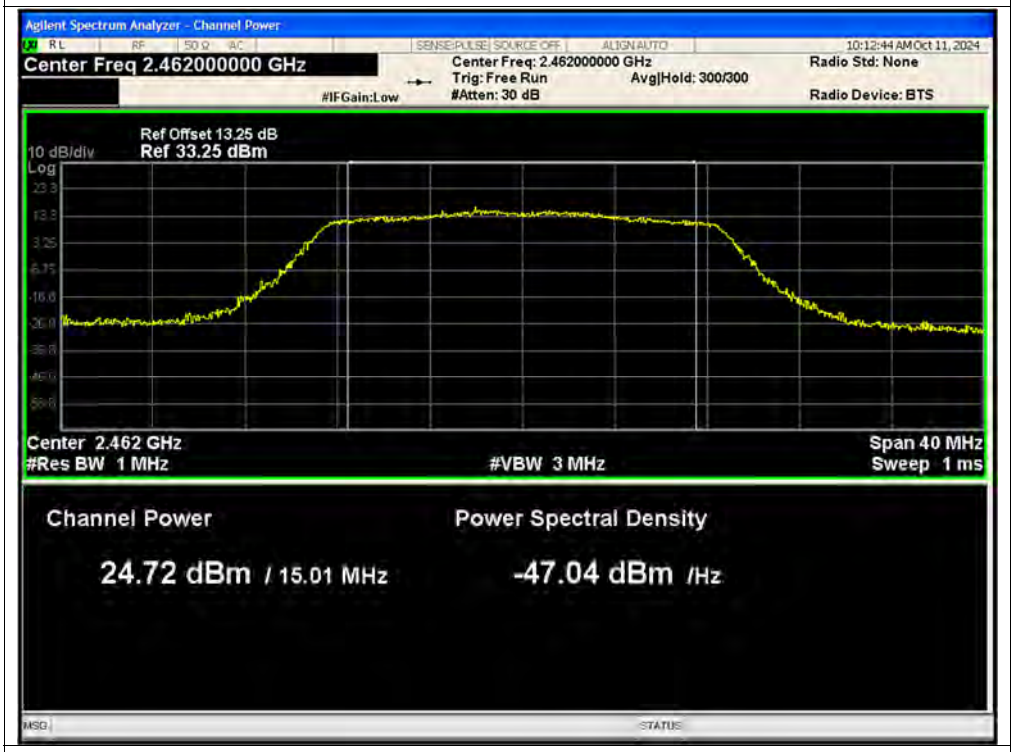

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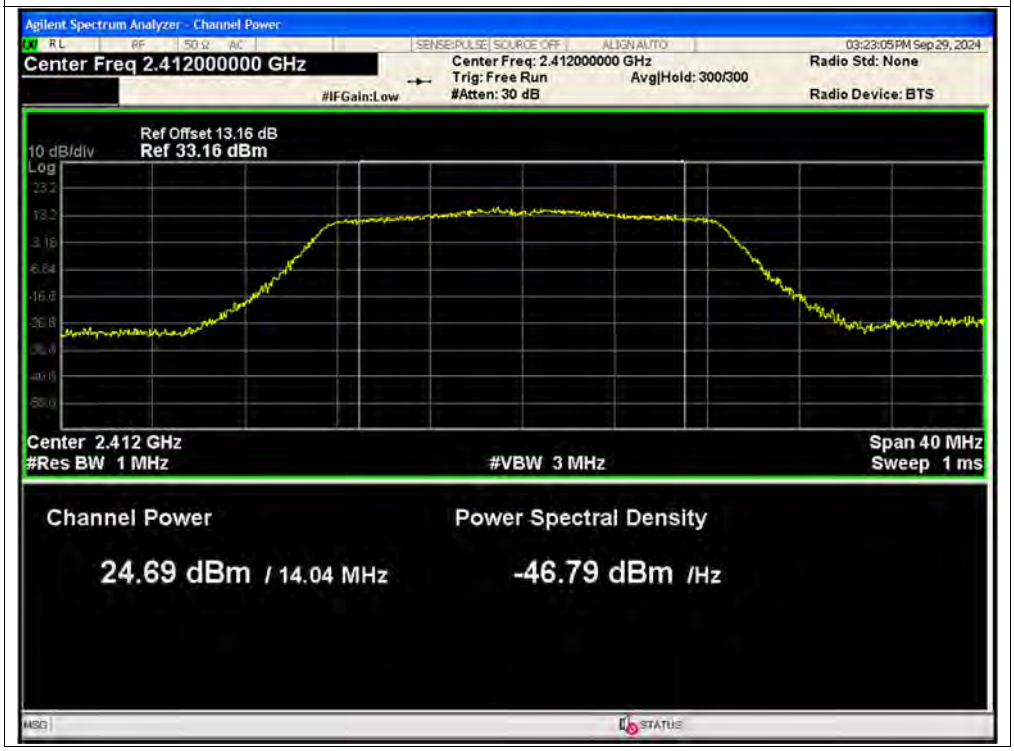

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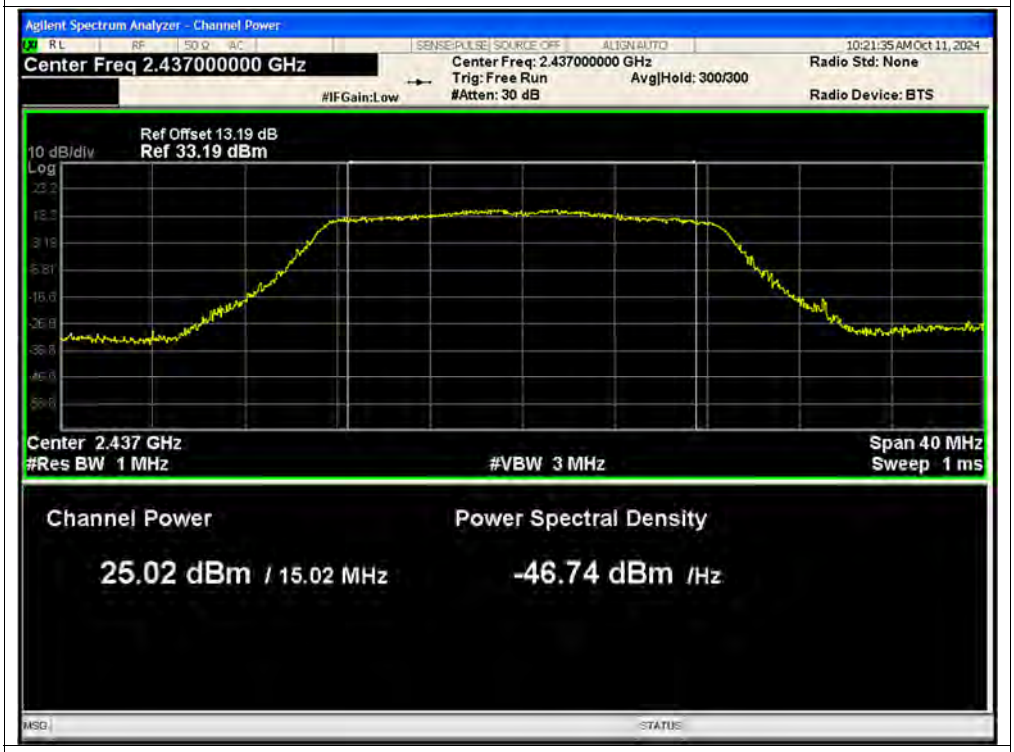

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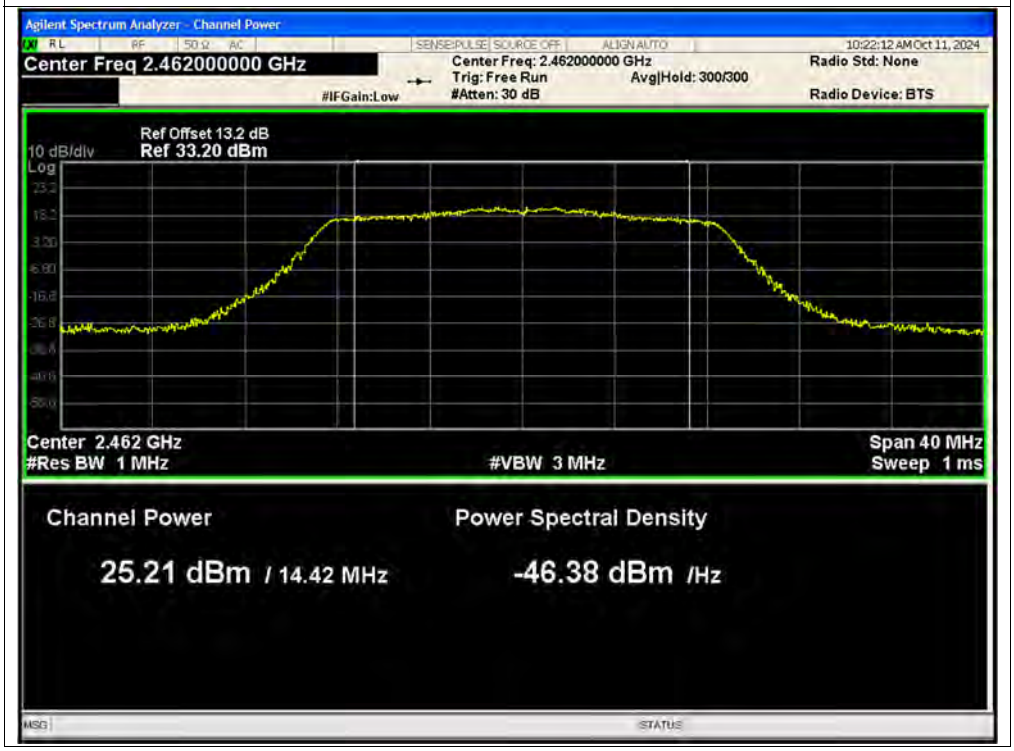
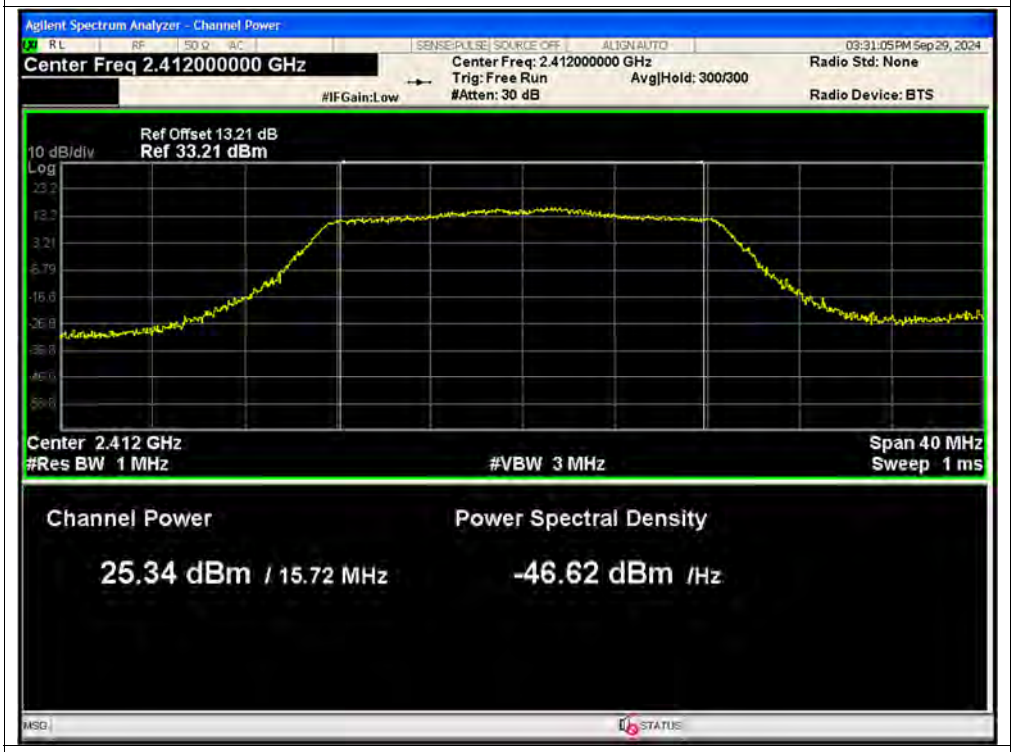


Peak Power NVNT n20 2412MHz Ant1 MIMO



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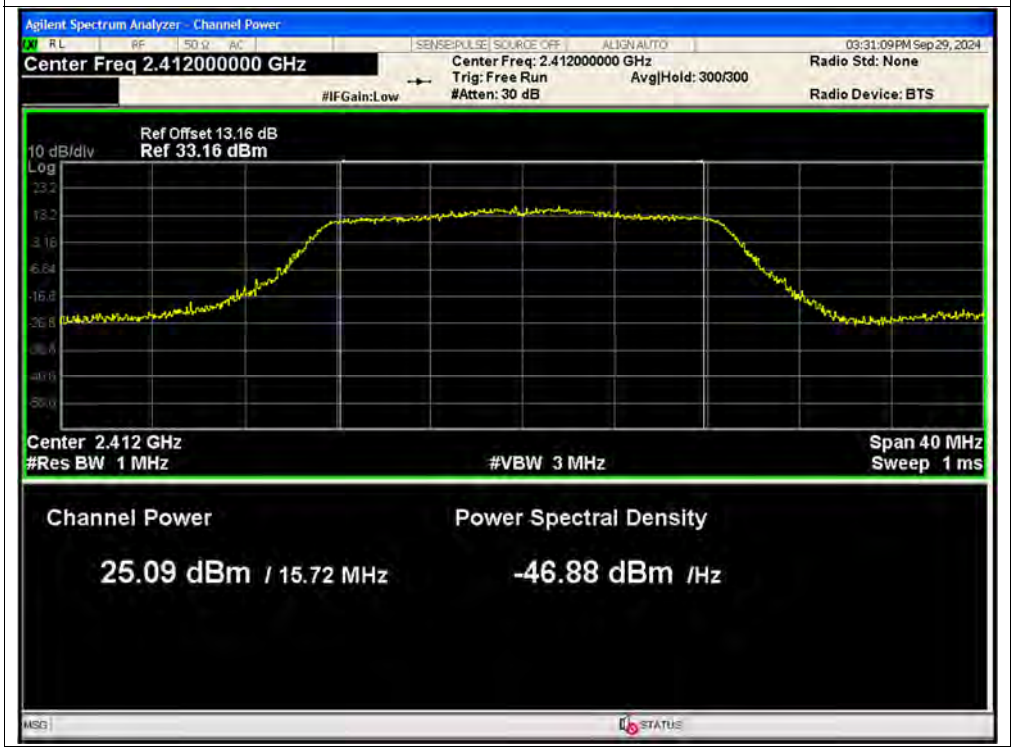

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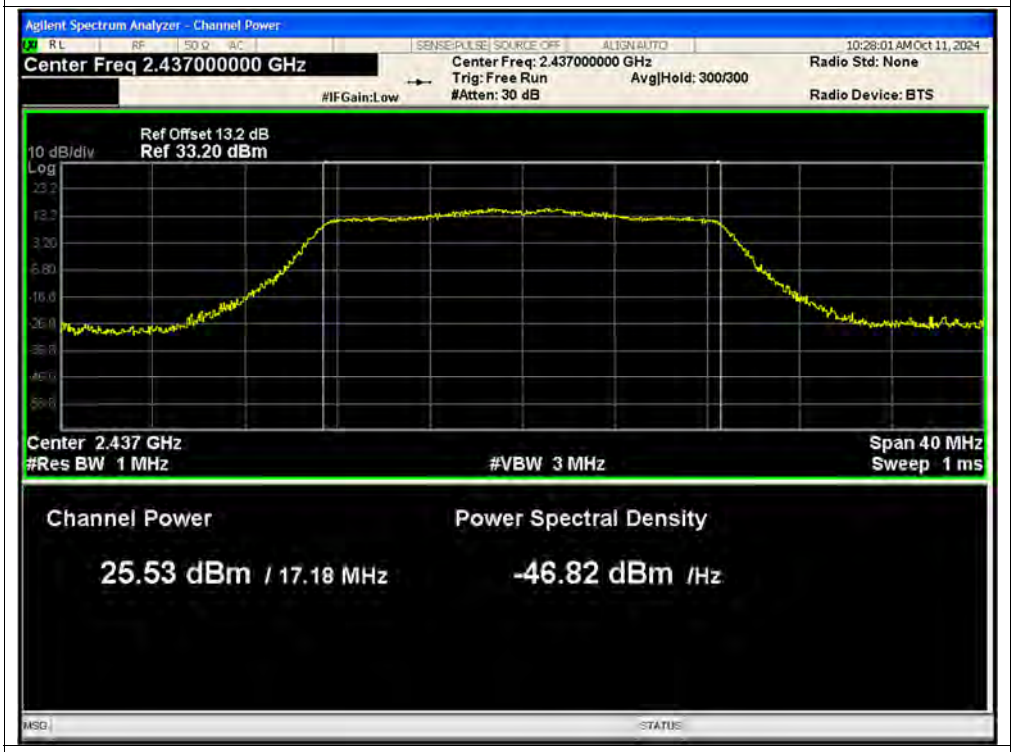

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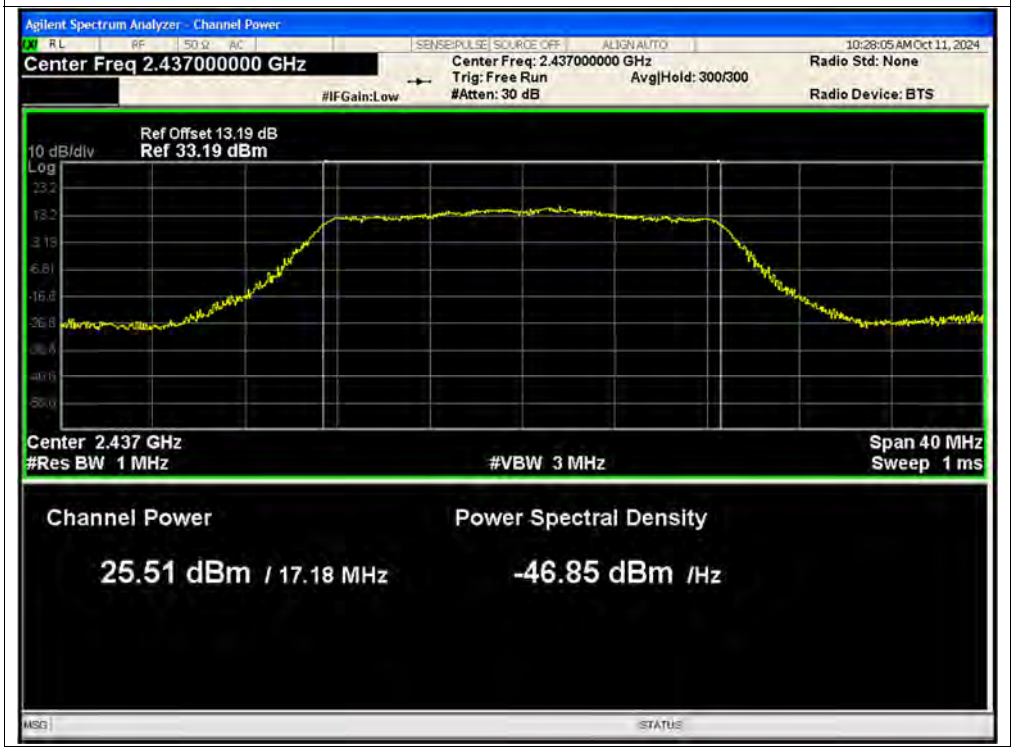
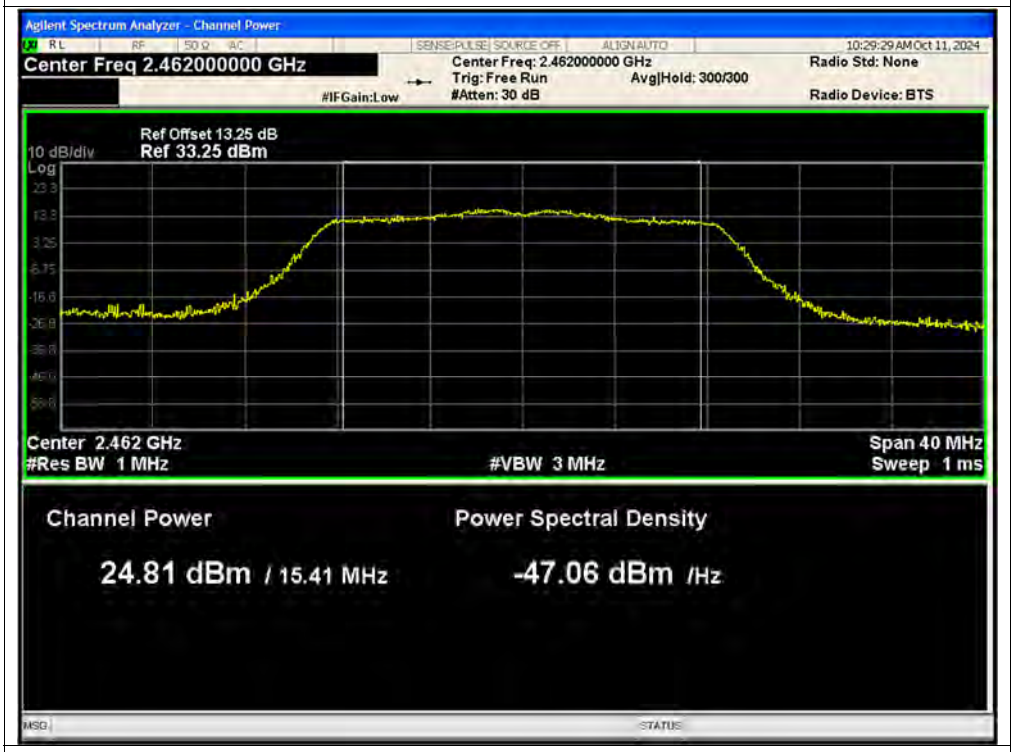


Peak Power NVNT n20 2462MHz Ant1 MIMO



Peak Power NVNT n20 2462MHz Ant2 MIMO