



REPORT No.: SZ26030114W04

TEST REPORT

APPLICANT : Aptiv Services Poland S.A.

PRODUCT NAME : P-MIB4

MODEL NAME : P-MIB4

BRAND NAME : APTIV

FCC ID : 2BU79PMIB4

STANDARD(S) : 47 CFR Part 15 Subpart E

RECEIPT DATE : 2026-01-19

TEST DATE : 2026-03-10 to 2026-03-17

ISSUE DATE : 2026-04-03

Edited by:

Peng Mi

Peng Mi (Rapporteur)

Approved by:

Shen Junsheng

Shen Junsheng (Supervisor)

NOTE: This document is issued by Shenzhen Morlab Communications Technology Co., Ltd., the test report shall not be reproduced except in full without prior written permission of the company. The test results apply only to the particular sample(s) tested and to the specific tests carried out which is available on request for validation and information confirmed at our website.

MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen, GuangDong Province, P. R. China

Tel: 86-755-36698555

Http://www.morlab.cn

Fax: 86-755-36698525

E-mail: service@morlab.cn





DIRECTORY

1. Summary of Test Result	4
1.1. Testing Applied Standards	4
1.2. Test Equipment List	5
1.3. Measurement Uncertainty	7
1.4. Testing Laboratory	7
2. General Description	8
2.1. Information of Applicant and Manufacturer	8
2.2. Information of EUT	8
2.3. Channel List of EUT	10
2.4. Test Configuration of EUT	11
2.5. Test Conditions	11
2.6. Test Setup Layout Diagram	12
3. Test Results	15
3.1. Antenna Requirement	15
3.2. Duty Cycle of Test Signal	16
3.3. Maximum Conducted Output Power	17
3.4. Emission Bandwidth	18
3.5. Peak Power Spectral Density	20
3.6. Frequency Stability	21
3.7. Conducted Emission	22
3.8. Restricted Frequency Bands	23
3.9. Radiated Emission	25
Annex A Test Data and Result	27
Notes	277



REPORT No.: SZ26030114W04

Change History		
Version	Date	Reason for change
1.0	2026-04-03	First edition



1. Summary of Test Result

No.	Section	Description	Test Date	Test Engineer	Result	Remark
1	15.203	Antenna Requirement	N/A	N/A	PASS	/
2	ANSI C63.10	Duty Cycle of the Test Signal	Mar. 10, 2026	Lin Haoyang	PASS	/
3	15.407(a)	Maximum Conducted Output Power	Mar. 10, 2026	Lin Haoyang	PASS	/
4	15.407(a) (e)	Emission Bandwidth	Mar. 10, 2026	Lin Haoyang	PASS	/
5	15.407(a)	Peak Power Spectral Density	Mar. 10, 2026	Lin Haoyang	PASS	/
6	15.407(g)	Frequency Stability	Mar. 10, 2026	Lin Haoyang	PASS	/
7	15.207	Conducted Emission	N/A	N/A	N/A _{Note1}	/
8	15.407(b)	Restricted Frequency Bands	Mar. 13, 2026	Tian Xin	PASS	/
9	15.407(b)	Radiated Emission	Mar. 13, 2026	Tian Xin	PASS	/

Note 1: Measurements to demonstrate compliance with the conducted limits are not required for devices which only employ battery power for operation and which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines.

Note 2: The tests of Conducted Emission and Radiated Emission were performed according to the method of measurements prescribed in ANSI C63.10 2020.

Note 3: These RF tests were performed according to the method of measurements prescribed in KDB 789033 D02 v02r01.

Note 4: These RF tests were performed according to the method of measurements prescribed in KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02.

Note 5: Any additions, deviation, or exclusions from the method shall be noted in the "Remark".

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	2025.12.23	2026.12.22
USB Wideband Power Sensor	MY54180008	U2021XA	Agilent	2025.09.03	2026.09.02
Temperature Chamber	12108015	DTL-003S101	YOMA	2025.09.03	2026.09.02
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	101052	ESPI	R&S	2025.05.15	2026.05.14
LISN	103131	ENV 216	R&S	2025.03.20	2026.03.19
RF Coaxial Cable (DC-100MHz)	EMC-CE-00514	N/A	N/A	2025.05.06	2026.05.05

1.2.3 List of Software Used

Description	Manufacturer	Software Version
Test System	MaiWei	2.0.0.0
JS32-RE	Tonscend	5.0.0
TS+ -[JS32-CE]	Tonscend	2.5.0.0

**1.2.4 Radiated Test Equipment**

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Signal Analyzer	MY56060145	N9020A	Agilent	2025.05.13	2026.05.12
Test Antenna - Bi-Log	9163-274	VULB 9163	Schwarzbeck	2025.06.28	2026.06.27
Test Antenna - Loop	1519-022	FMZB1519	Schwarzbeck	2025.05.16	2026.05.15
Test Antenna – Horn	9120D-963	BBHA 9120D	Schwarzbeck	2025.05.16	2026.05.15
Test Antenna – Horn	BBHA9170 #773	BBHA9170	Schwarzbeck	2025.06.20	2026.06.19
Preamplifier (10MHz-6GHz)	46732	S10M100L38 02	LUCIX CORP.	2025.05.13	2026.05.12
Preamplifier (2GHz-18GHz)	61171/61172	S020180L32 03	LUCIX CORP.	2025.05.13	2026.05.12
Preamplifier (18GHz-40GHz)	DS77209	DCLNA0118-40C-S	Decentest	2025.05.13	2026.05.12
RF Coaxial Cable (DC-18GHz)	MRE001	PE330	Pasternack	2025.05.13	2026.05.12
RF Coaxial Cable (DC-18GHz)	MRE002	CLU18	Pasternack	2025.05.13	2026.05.12
RF Coaxial Cable (DC-18GHz)	MRE003	CLU18	Pasternack	2025.05.13	2026.05.12
RF Coaxial Cable (DC-40GHz)	22290045	QA360-40-KK-0.5	Qualwave	2025.09.03	2026.09.02
RF Coaxial Cable (DC-40GHz)	22290046	QA360-40-KKF-2	Qualwave	2025.09.03	2026.09.02
RF Coaxial Cable (DC-18GHz)	22120181	QA500-18-NN-5	Qualwave	2025.09.03	2026.09.02
Notch Filter	N/A	WRCG-2400-2483.5-60SS	Wainwright	N/A	N/A
Anechoic Chamber	N/A	9m*6m*6m	CRT	2025.06.21	2028.06.20
Anechoic Chamber	N/A	9m*6m*6m	CRT	2025.04.19	2028.04.18



1.3. Measurement Uncertainty

Test Items	Uncertainty	Remark
Peak Output Power	$\pm 2.22\text{dB}$	Confidence levels of 95%
Power Spectral Density	$\pm 2.22\text{dB}$	Confidence levels of 95%
Bandwidth	$\pm 5\%$	Confidence levels of 95%
Restricted Frequency Bands	$\pm 5\%$	Confidence levels of 95%
Radiated Emission	$\pm 2.95\text{dB}$	Confidence levels of 95%
Conducted Emission	$\pm 2.44\text{dB}$	Confidence levels of 95%

1.4. Testing Laboratory

Laboratory Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Laboratory Address:	FL.1-3, 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:	Aptiv Services Poland S.A.
Applicant Address:	ul. Podgórk Tynieckie 2,30-399 Kraków, Poland
Manufacturer:	Aptiv Services Poland S.A.
Manufacturer Address:	ul. Podgórk Tynieckie 2,30-399 Kraków, Poland

2.2. Information of EUT

Product Name:	P-MIB4
Sample No.:	13#, 14#, 19#
Hardware Version:	C0
Software Version:	X021
Blockchain log:	
Modulation Technology:	OFDM, OFDMA
Modulation Mode:	802.11a, 802.11n (HT20), 802.11n (HT40) 802.11ac (VHT20), 802.11ac (VHT40), 802.11ax (HEW20), 802.11ax (HEW40), 802.11ax (HEW80)
Operating Frequency Range:	5180MHz-5240MHz; 5745MHz-5825MHz
Antenna Type:	Internal Antenna
Directional Gain (dBi)_{Note2}:	6.34
Antenna Gain	ANT1: 5180-5240MHz: 3.77 dBi; 5745-5825MHz: 2.86 dBi
	ANT2: 5180-5240MHz: 3.77 dBi; 5745-5825MHz: 2.86 dBi

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	$10\log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2/N_{ANT}]$
		☐ (ii). Uncorrelated	$10\log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{ANT}]$

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 1) in this report.

Note 4: The EUT description presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information. 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	5755	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 (VHT20/40)	OFDM	BPSK	MCS0~MCS9	N/A
			QPSK		
			16QAM		
			64QAM		
			256QAM		
802.11ax	20/40/80 (HEW20/40/80)	OFDMA	BPSK	MCS0~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.

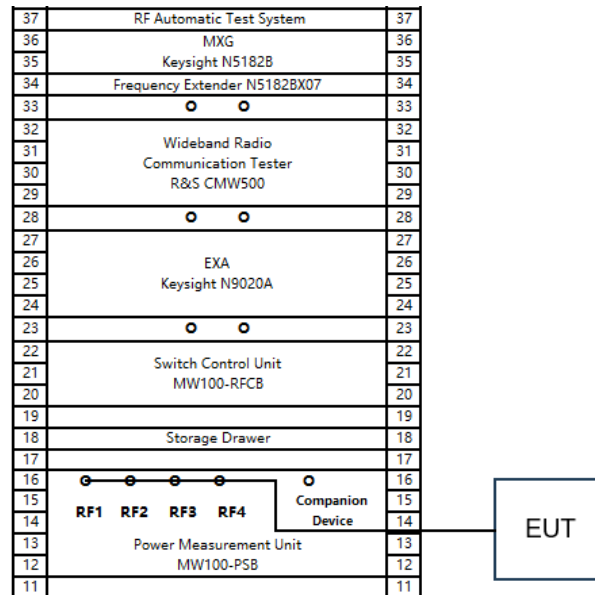
Note3: The RU allocation of 802.11ax mode, only full ru is supported.

2.5. Test Conditions

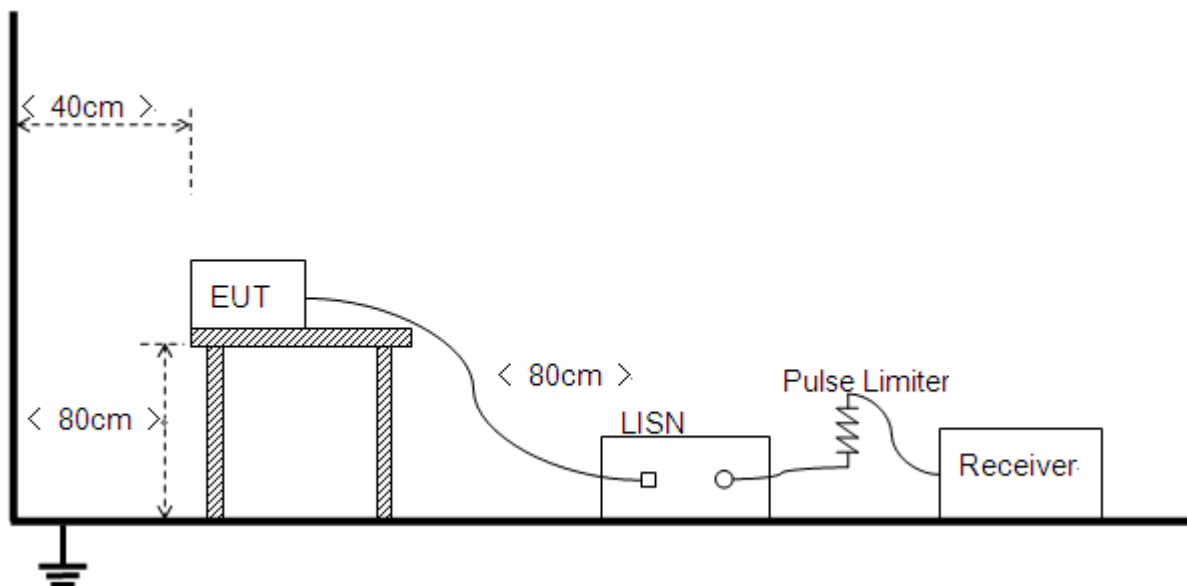
Temperature (°C):	15-35
Relative Humidity (%):	30-60
Atmospheric Pressure (kPa):	86-106

2.6. Test Setup Layout Diagram

2.6.1. Conducted Measurement



2.6.2. Conducted Emission Measurement

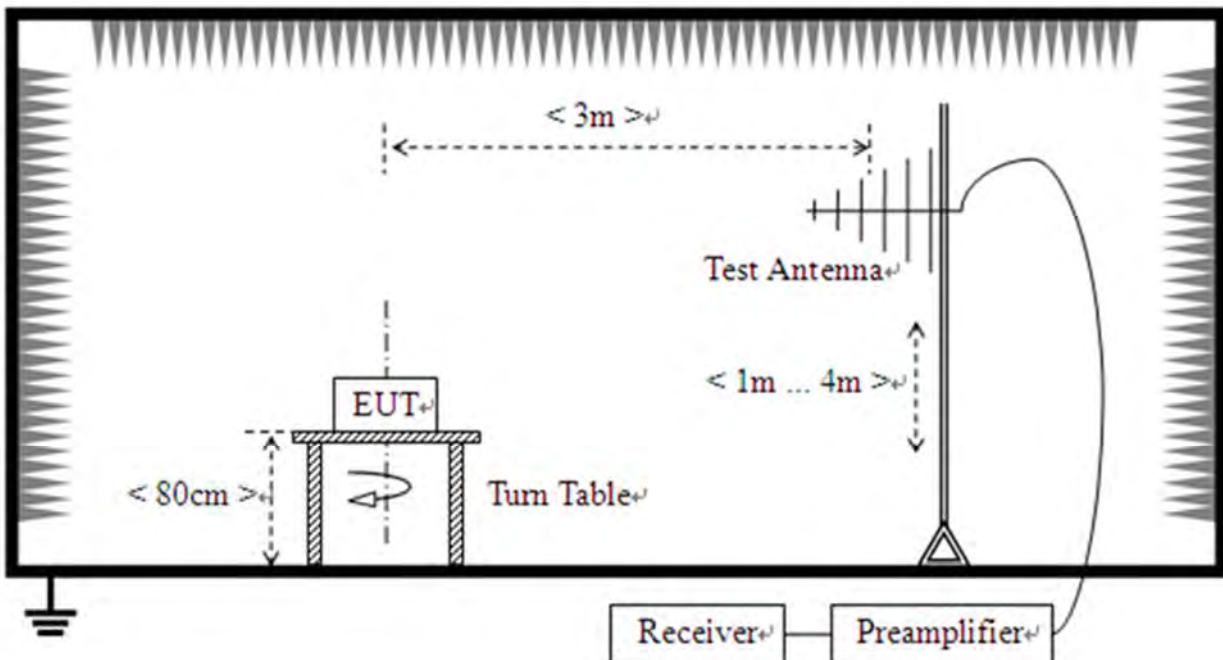


2.6.3.Radiation Measurement

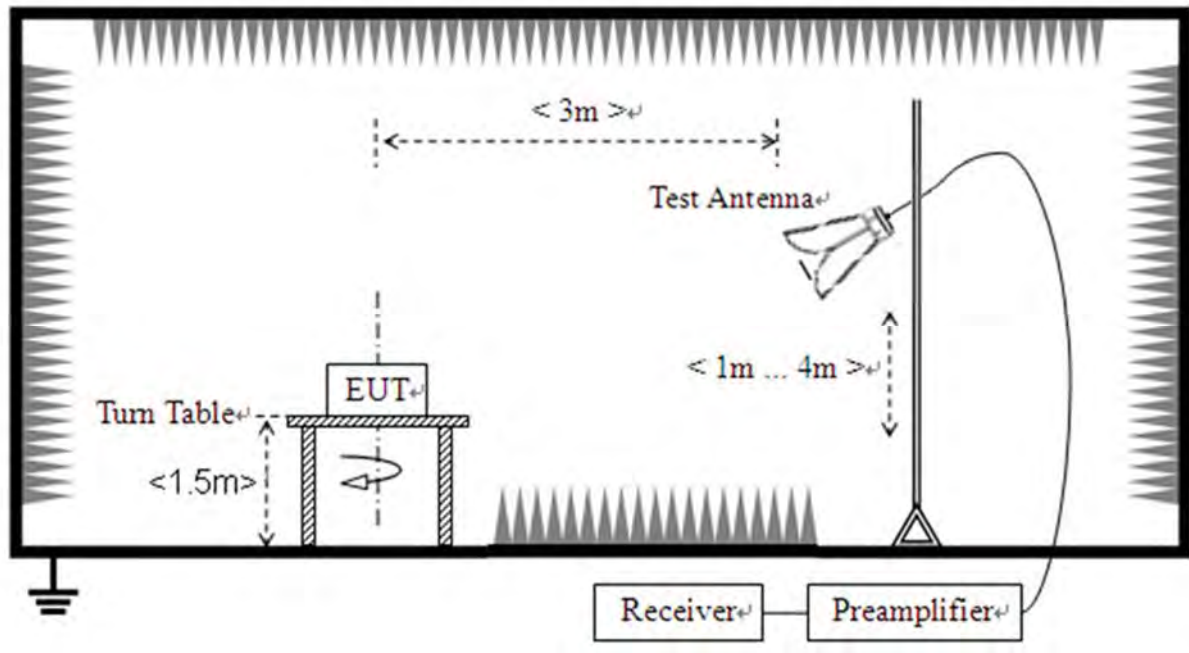
1) For radiated emissions from 9kHz to 30MHz



2) For radiated emissions from 30MHz to 1GHz



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 ☒ Internal 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 $\pm 2\%$; 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 $11\text{dBm} + 10 \log B$, 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 KDB662911D01 Measure-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

Based on method PM-G in Section II.E.3.b) of KDB 789033 D02.

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 the band 5.715-5.85 GHz. The following procedure shall be used for measuring this bandwidth:

 - a) Set RBW = 100 kHz.
 - b) Set video bandwidth (VBW) $\geq 3 \times$ 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.



REPORT No.: SZ26030114W04

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 KDB662911D01 Measure-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 $\geq$ 3MHz
- 3) Number of points in sweep $\geq$ 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°C to 40°C. The temperature was incremented by 10° 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 50 μ H/50 Ω line impedance stabilization network (LISN).

Frequency Range (MHz)	Conducted Limit (dB μ V)	
	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: 2020.

3.7.3. Test Setup Layout

Refer to chapter 2.6.2 in this report.

3.7.4. Test Result

This test case does not apply this kind of EUT.

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);

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

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 ($\mu\text{V/m}$)	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.6 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);

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

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.7 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	100	0	0
NVNT	a SISO	5220	Ant1	100	0	0
NVNT	a SISO	5240	Ant1	100	0	0
NVNT	a SISO	5745	Ant1	100	0	0
NVNT	a SISO	5785	Ant1	100	0	0
NVNT	a SISO	5825	Ant1	100	0	0
NVNT	a SISO	5180	Ant2	100	0	0
NVNT	a SISO	5220	Ant2	100	0	0
NVNT	a SISO	5240	Ant2	100	0	0
NVNT	a SISO	5745	Ant2	100	0	0
NVNT	a SISO	5785	Ant2	100	0	0
NVNT	a SISO	5825	Ant2	100	0	0
NVNT	n20 SISO	5180	Ant1	100	0	0
NVNT	n20 SISO	5220	Ant1	100	0	0
NVNT	n20 SISO	5240	Ant1	100	0	0
NVNT	n20 SISO	5745	Ant1	100	0	0
NVNT	n20 SISO	5785	Ant1	100	0	0
NVNT	n20 SISO	5825	Ant1	100	0	0
NVNT	n20 SISO	5180	Ant2	100	0	0
NVNT	n20 SISO	5220	Ant2	100	0	0
NVNT	n20 SISO	5240	Ant2	100	0	0
NVNT	n20 SISO	5745	Ant2	100	0	0
NVNT	n20 SISO	5785	Ant2	100	0	0
NVNT	n20 SISO	5825	Ant2	100	0	0
NVNT	n20 MIMO	5180	Sum	100	0	0
NVNT	n20 MIMO	5220	Sum	100	0	0
NVNT	n20 MIMO	5240	Sum	100	0	0
NVNT	n20 MIMO	5745	Sum	100	0	0
NVNT	n20 MIMO	5785	Sum	100	0	0
NVNT	n20 MIMO	5825	Sum	100	0	0
NVNT	n40 SISO	5190	Ant1	100	0	0
NVNT	n40 SISO	5230	Ant1	100	0	0



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

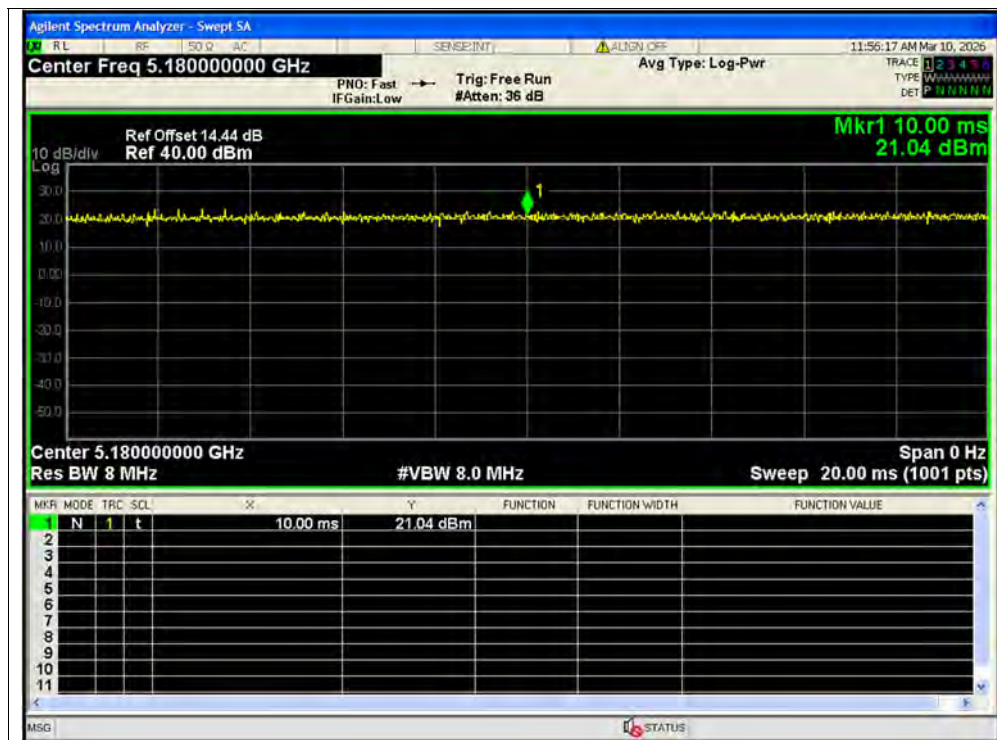


NVNT	ac40 MIMO	5755	Sum	100	0	0
NVNT	ac40 MIMO	5795	Sum	100	0	0
NVNT	ac80 SISO	5210	Ant1	100	0	0
NVNT	ac80 SISO	5775	Ant1	100	0	0
NVNT	ac80 SISO	5210	Ant2	100	0	0
NVNT	ac80 SISO	5775	Ant2	100	0	0
NVNT	ac80 MIMO	5210	Sum	100	0	0
NVNT	ac80 MIMO	5775	Sum	100	0	0
NVNT	ax20 SISO	5180	Ant1	100	0	0
NVNT	ax20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

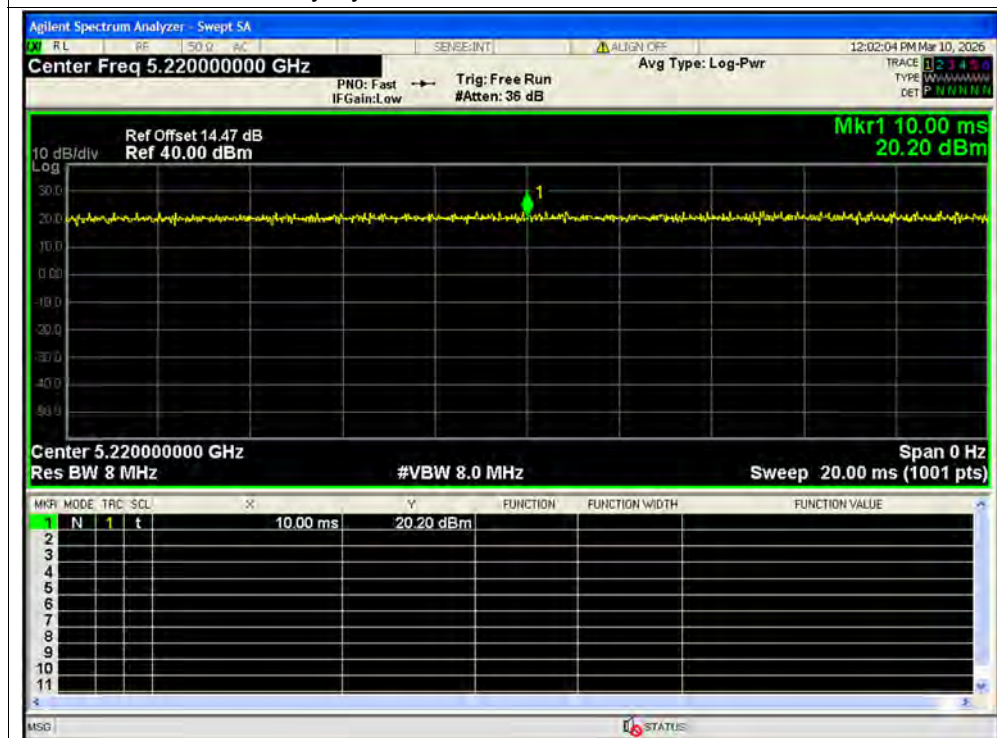


REPORT No.: SZ26030114W04

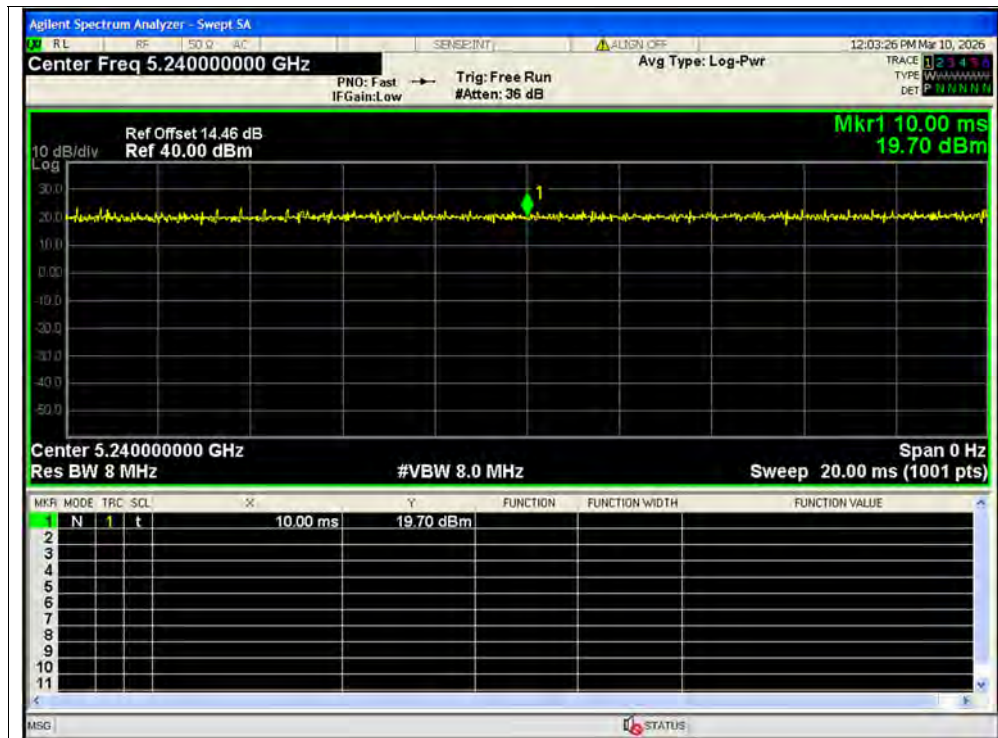
NVNT	ax80 SISO	5210	Ant1	100	0	0
NVNT	ax80 SISO	5775	Ant1	100	0	0
NVNT	ax80 SISO	5210	Ant2	100	0	0
NVNT	ax80 SISO	5775	Ant2	100	0	0
NVNT	ax80 MIMO	5210	Sum	100	0	0
NVNT	ax80 MIMO	5775	Sum	100	0	0



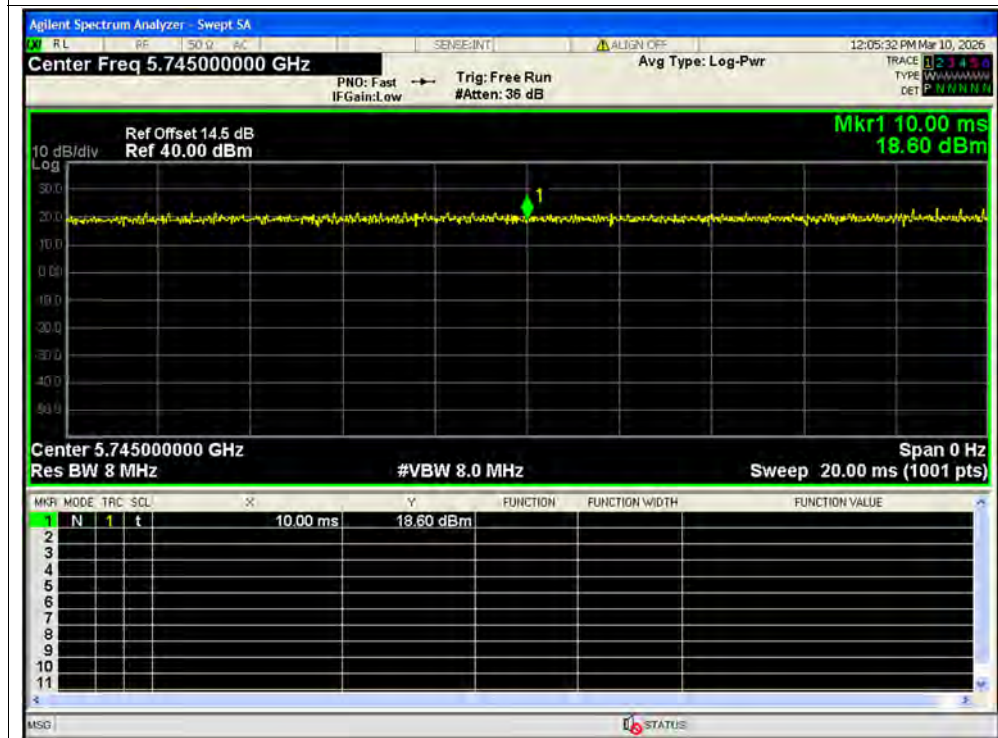
Duty Cycle NVNT a 5180MHz Ant1 SISO



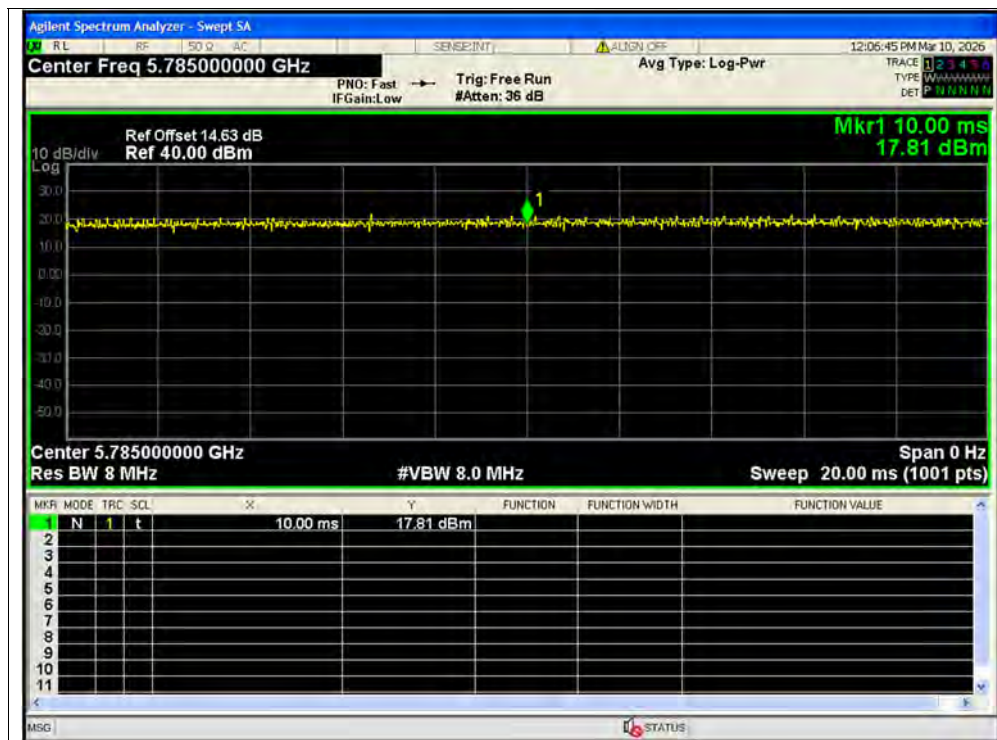
Duty Cycle NVNT a 5220MHz Ant1 SISO



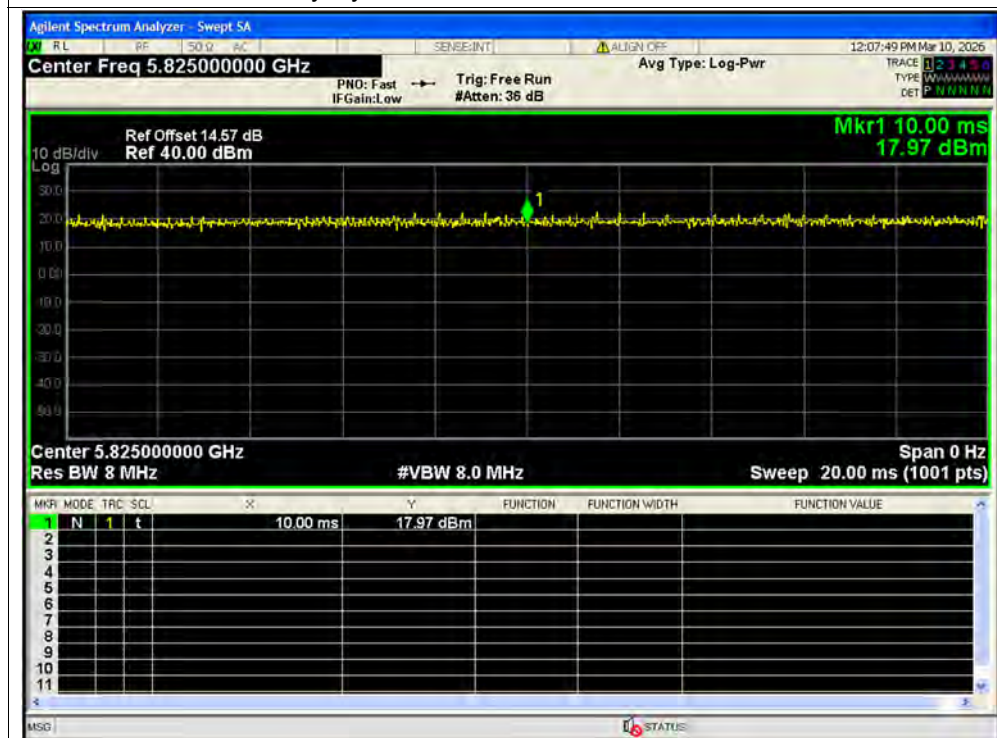
Duty Cycle NVNT a 5240MHz Ant1 SISO



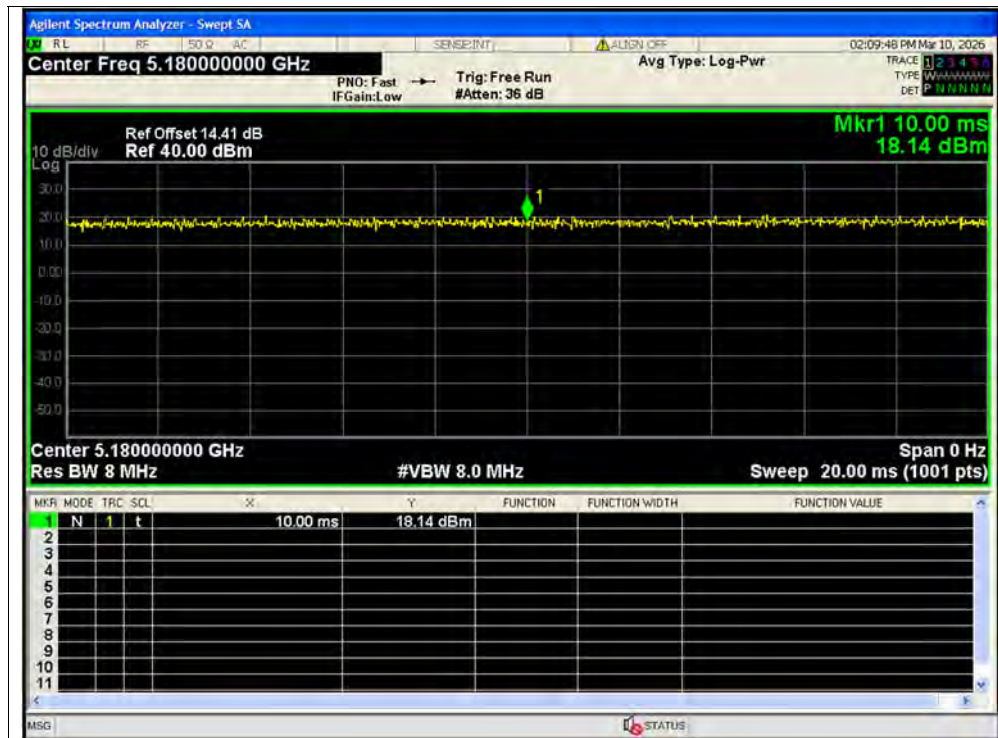
Duty Cycle NVNT a 5745MHz Ant1 SISO



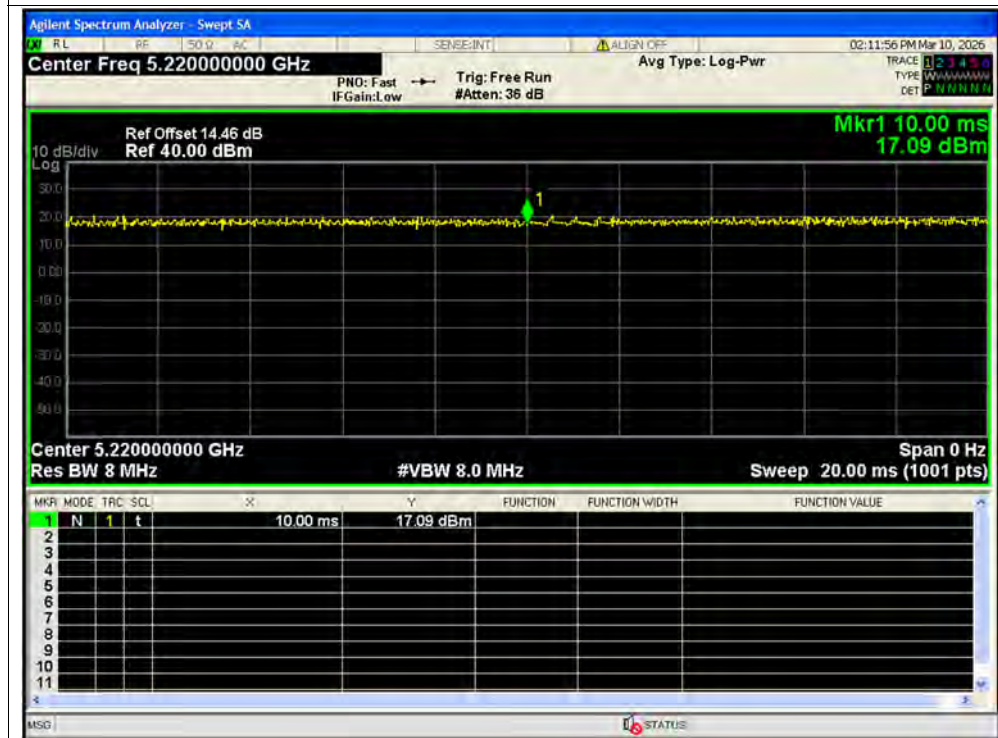
Duty Cycle NVNT a 5785MHz Ant1 SISO



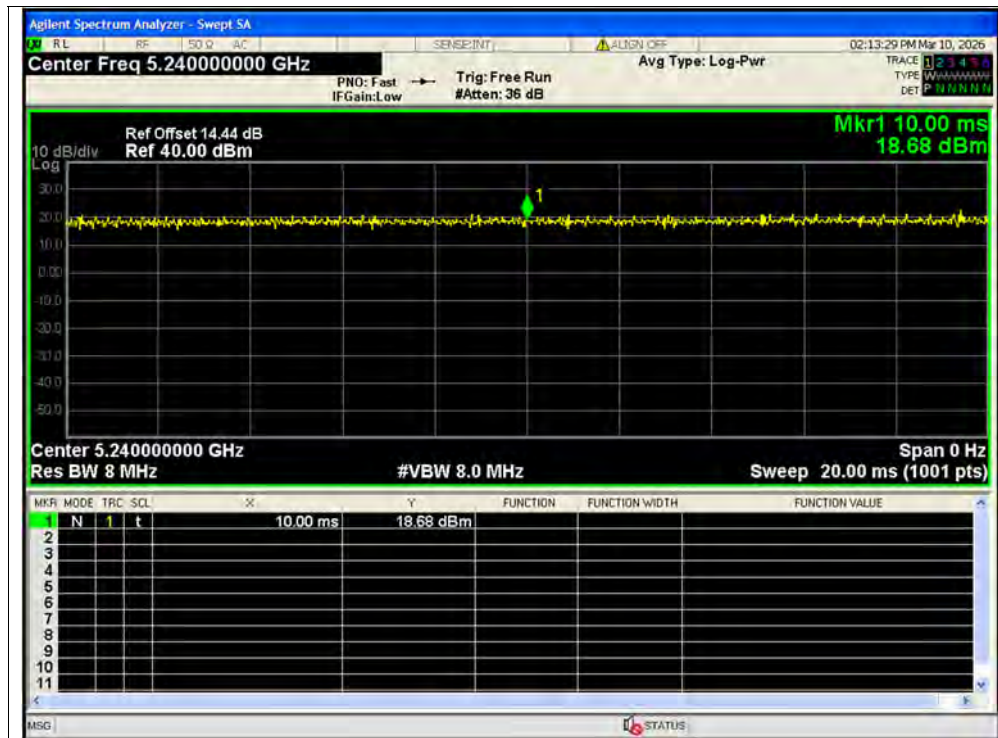
Duty Cycle NVNT a 5825MHz Ant1 SISO



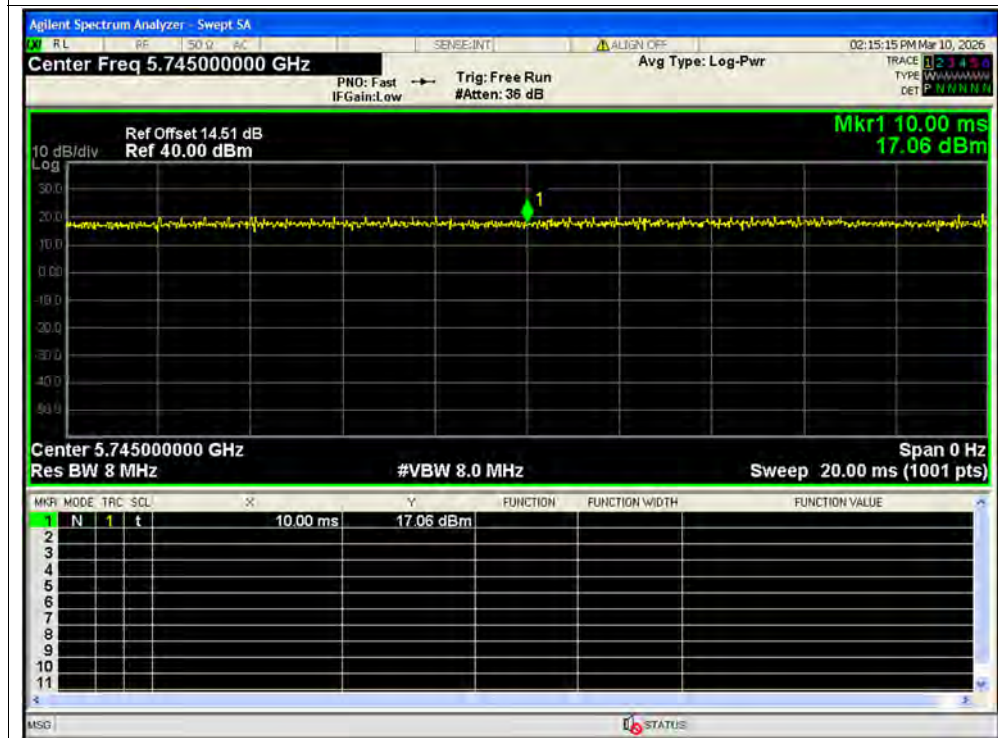
Duty Cycle NVNT a 5180MHz Ant2 SISO



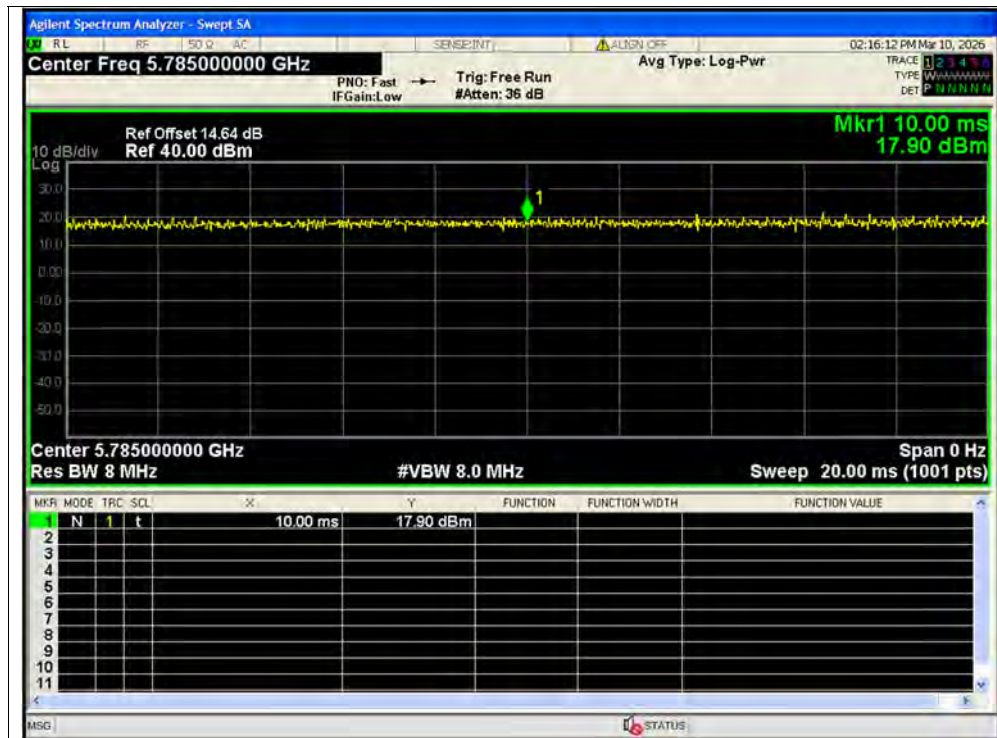
Duty Cycle NVNT a 5220MHz Ant2 SISO



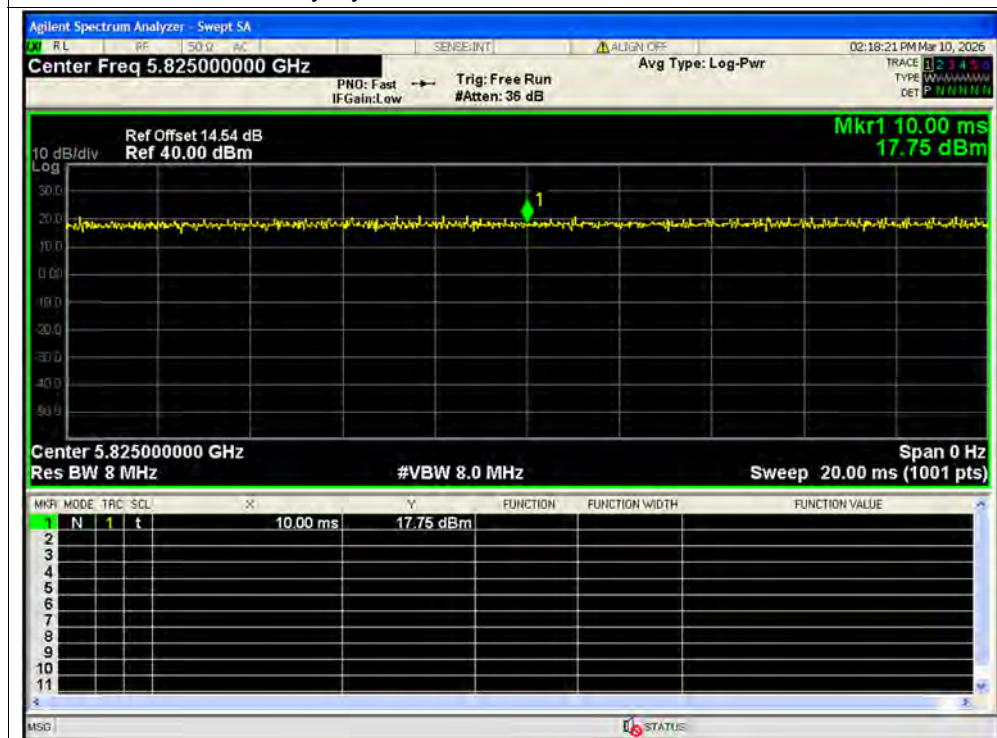
Duty Cycle NVNT a 5240MHz Ant2 SISO



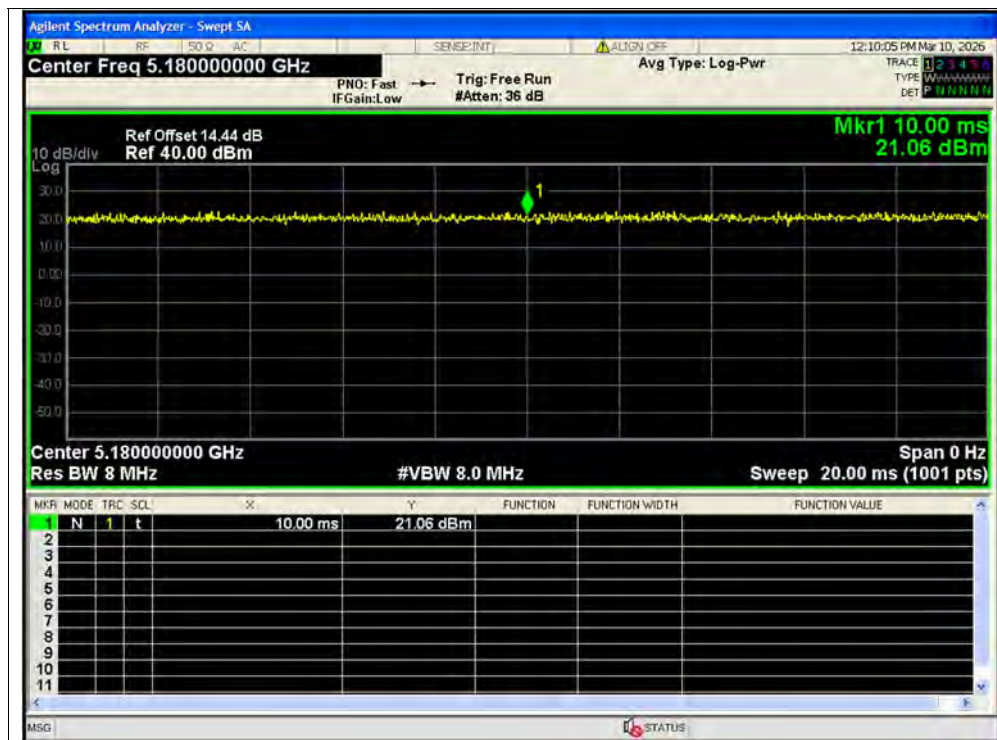
Duty Cycle NVNT a 5745MHz Ant2 SISO



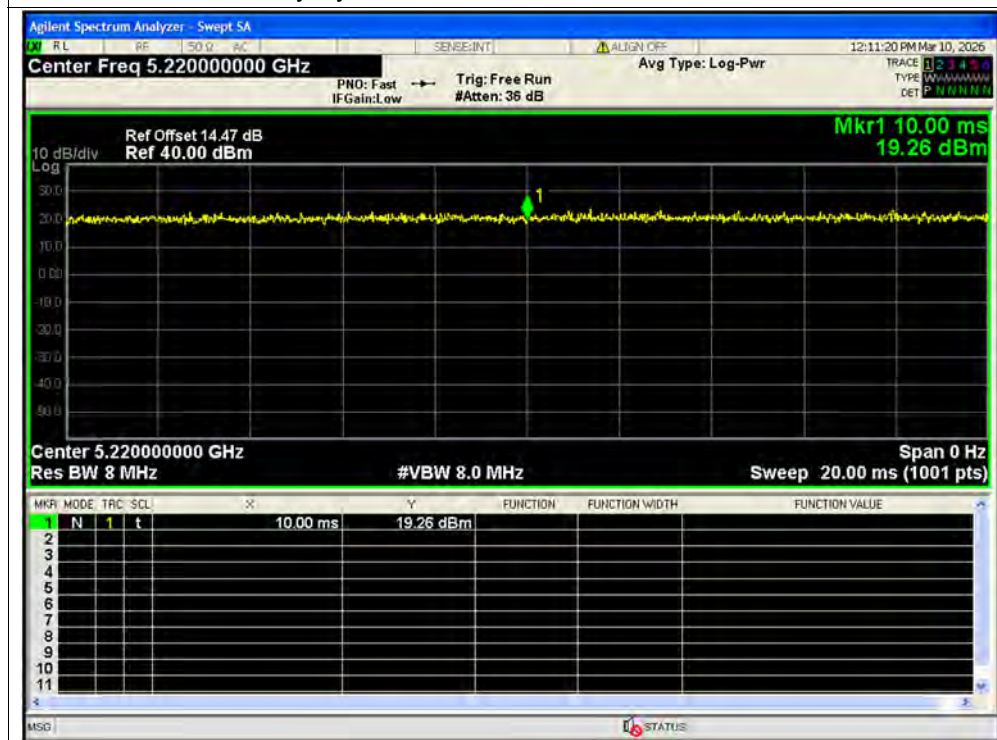
Duty Cycle NVNT a 5785MHz Ant2 SISO



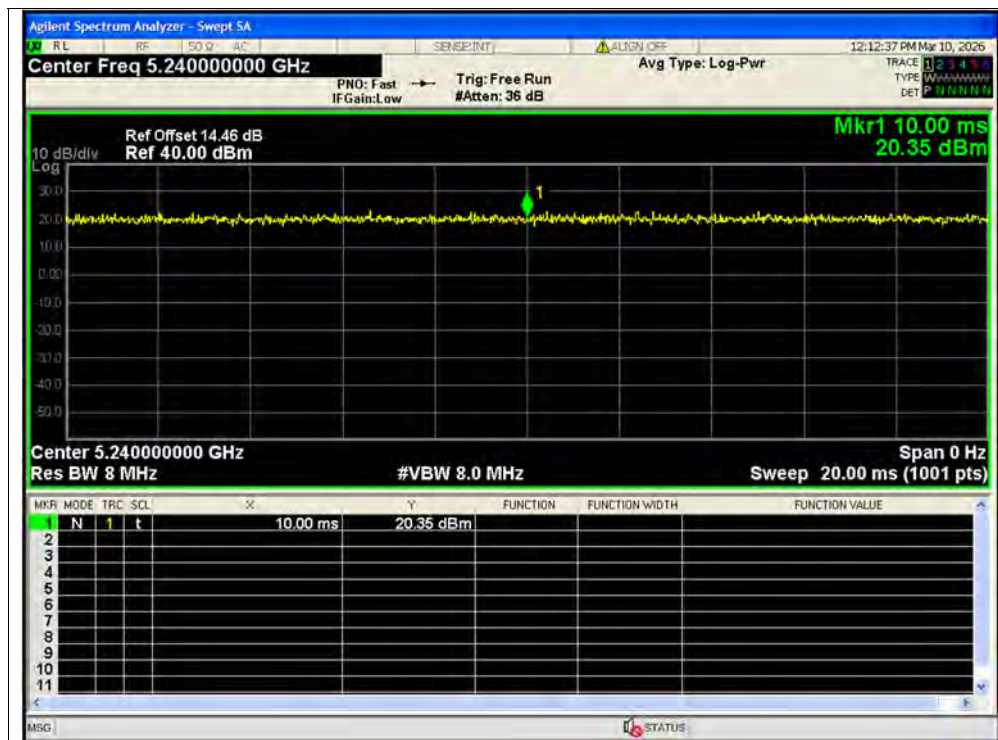
Duty Cycle NVNT a 5825MHz Ant2 SISO



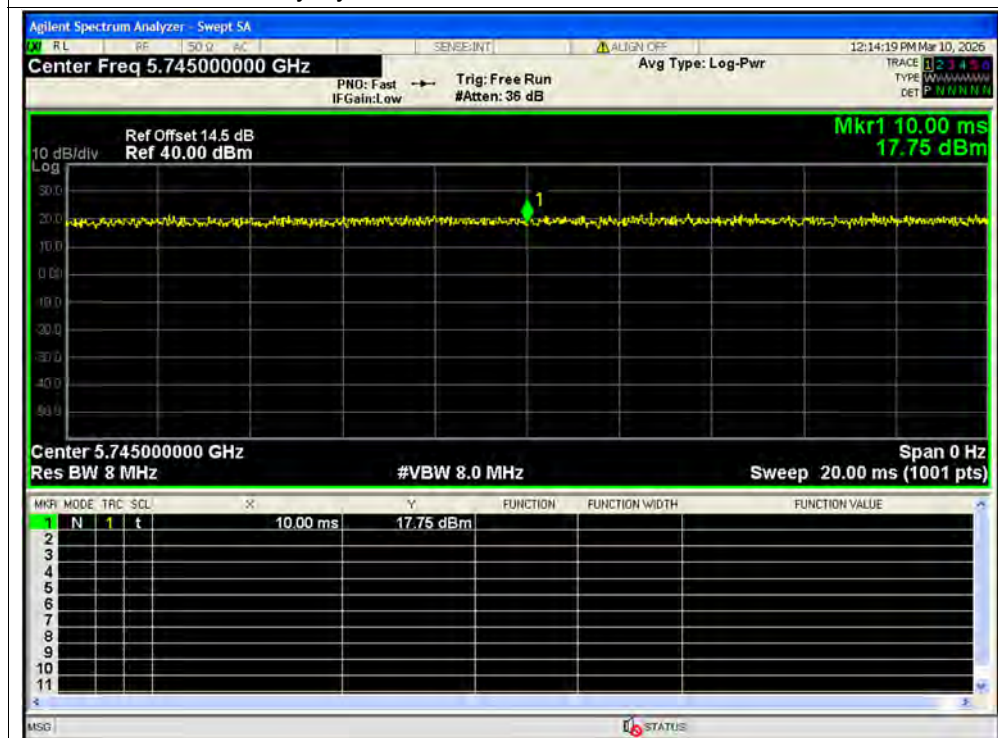
Duty Cycle NVNT n20 5180MHz Ant1 SISO



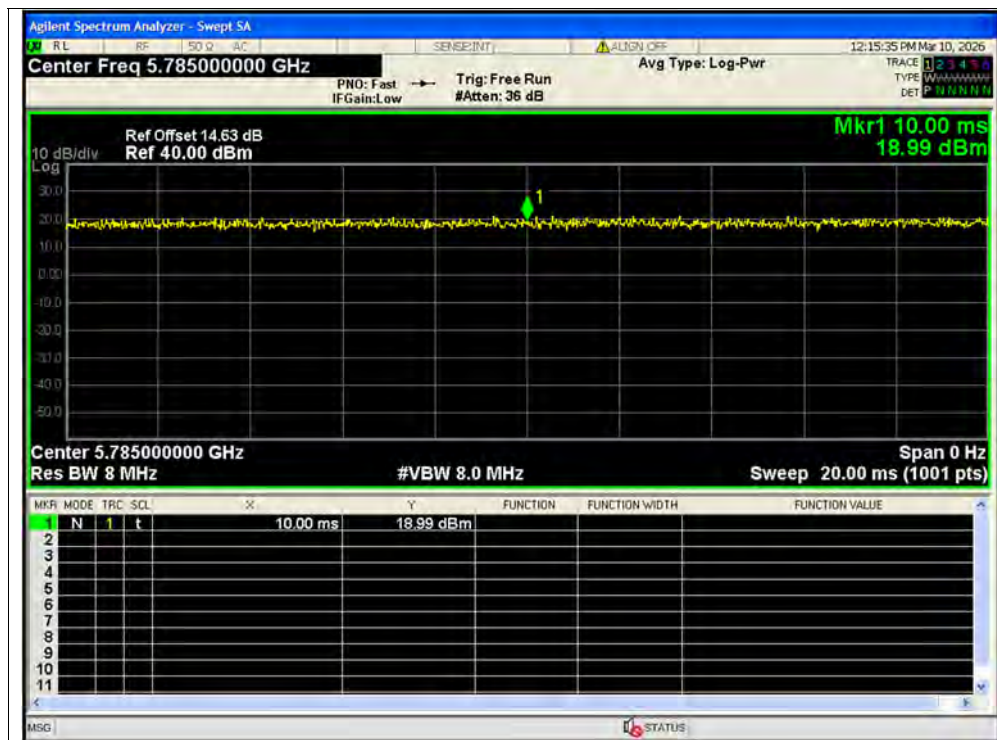
Duty Cycle NVNT n20 5220MHz Ant1 SISO



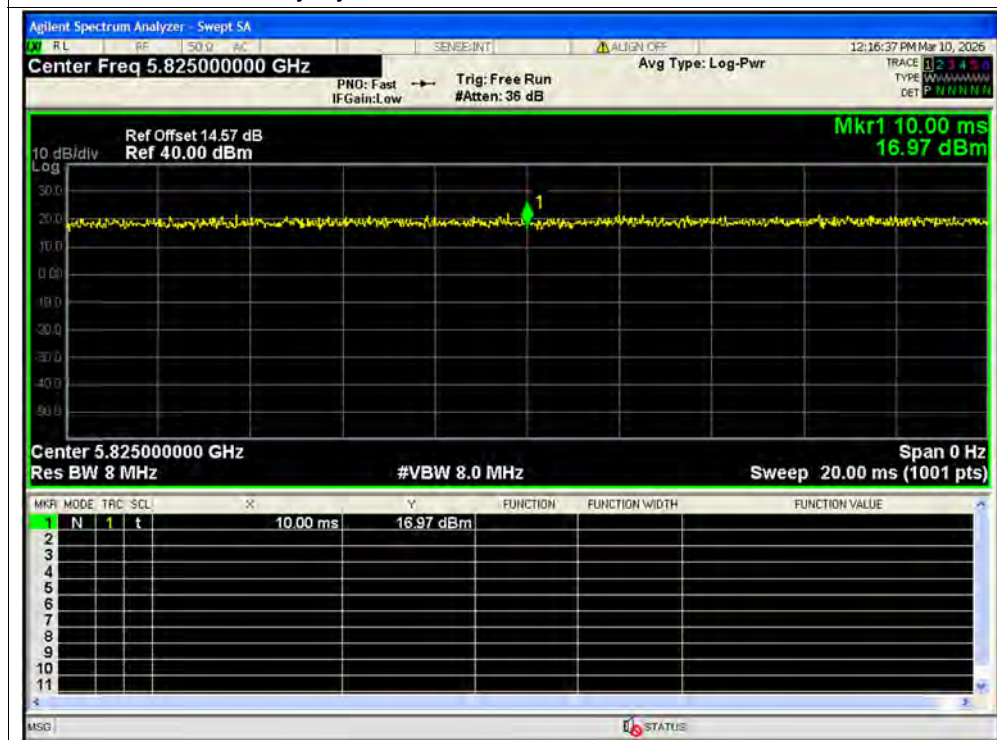
Duty Cycle NVNT n20 5240MHz Ant1 SISO



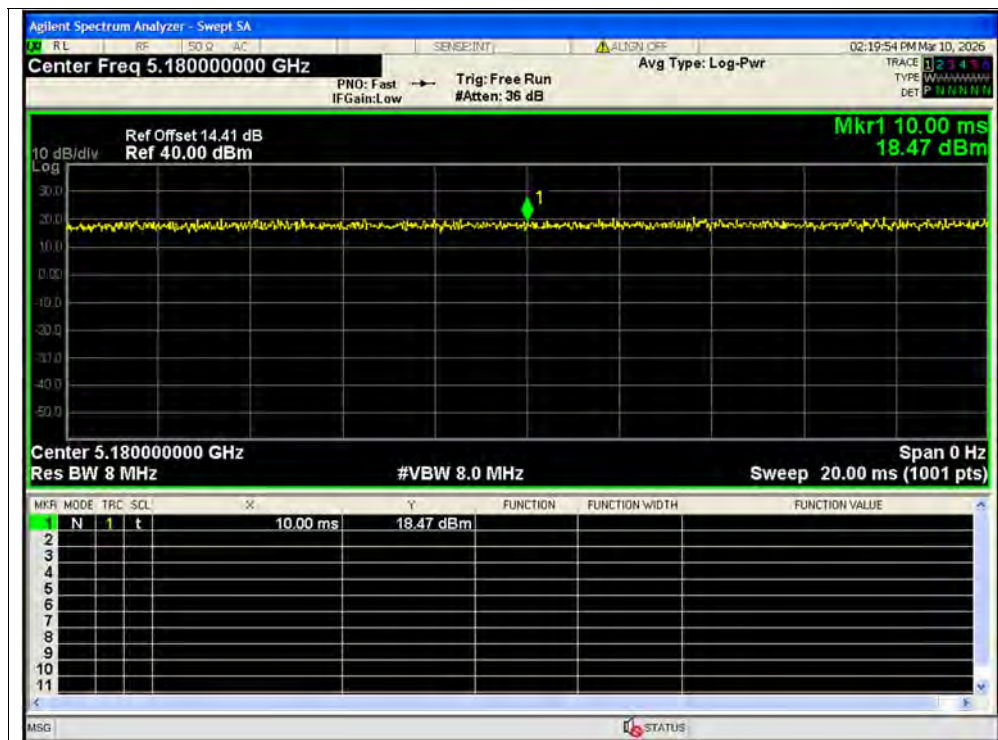
Duty Cycle NVNT n20 5745MHz Ant1 SISO



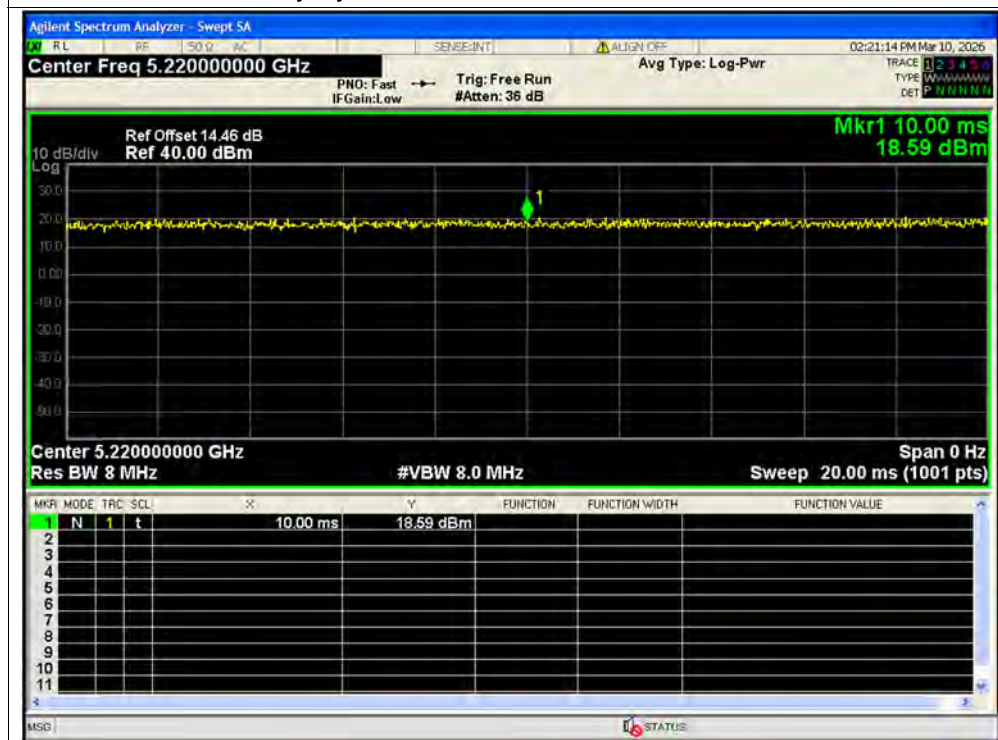
Duty Cycle NVNT n20 5785MHz Ant1 SISO



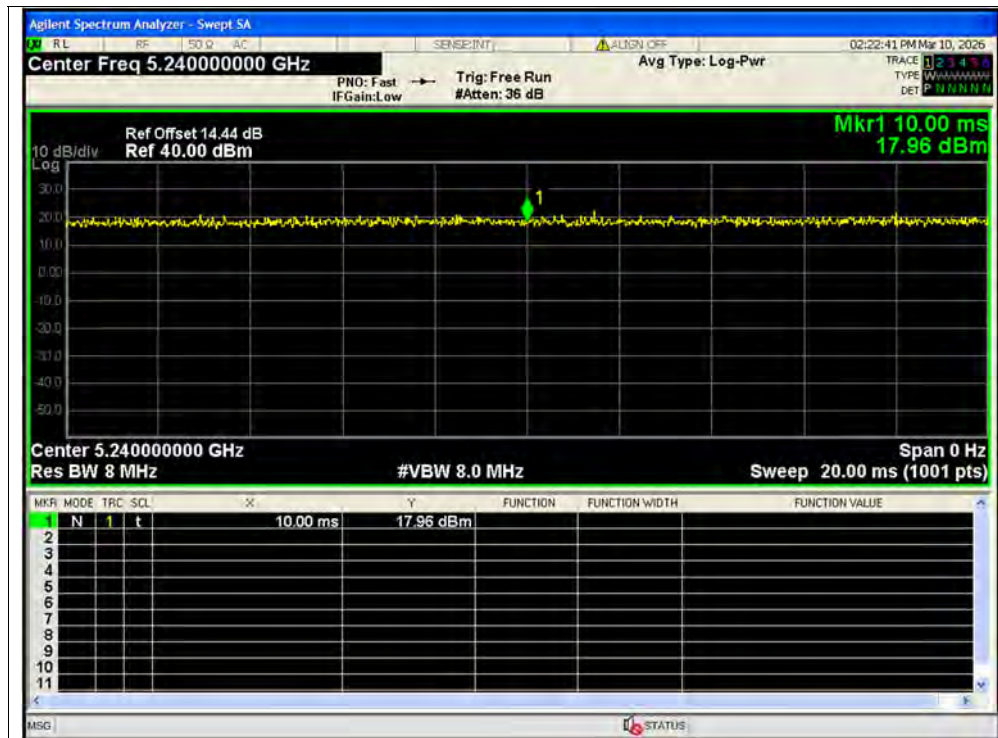
Duty Cycle NVNT n20 5825MHz Ant1 SISO



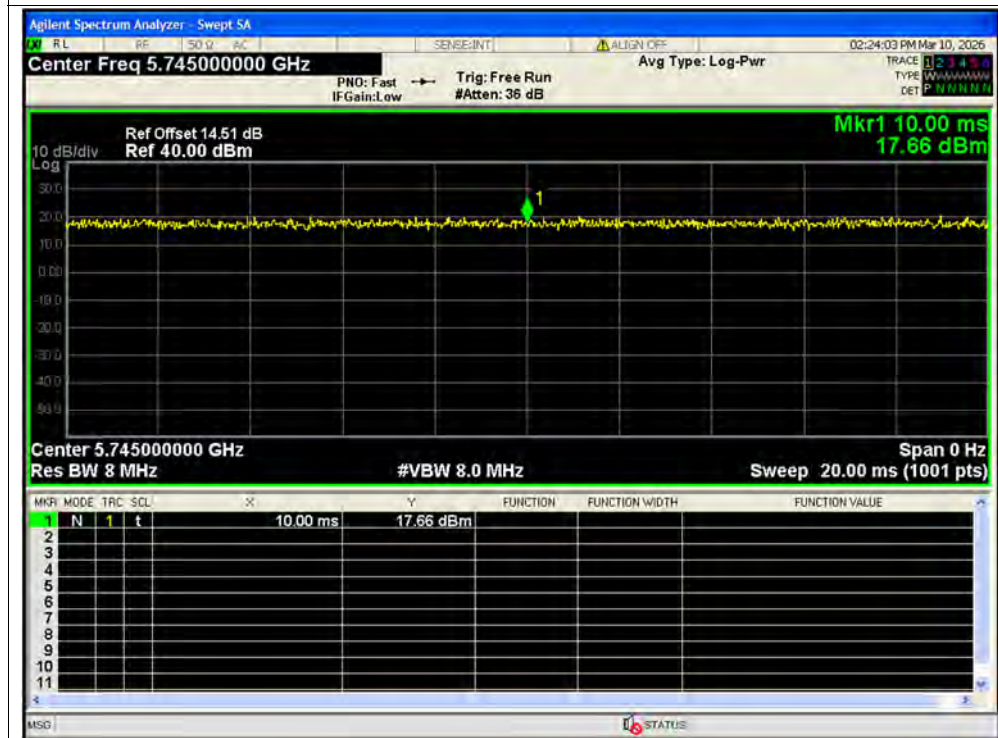
Duty Cycle NVNT n20 5180MHz Ant2 SISO



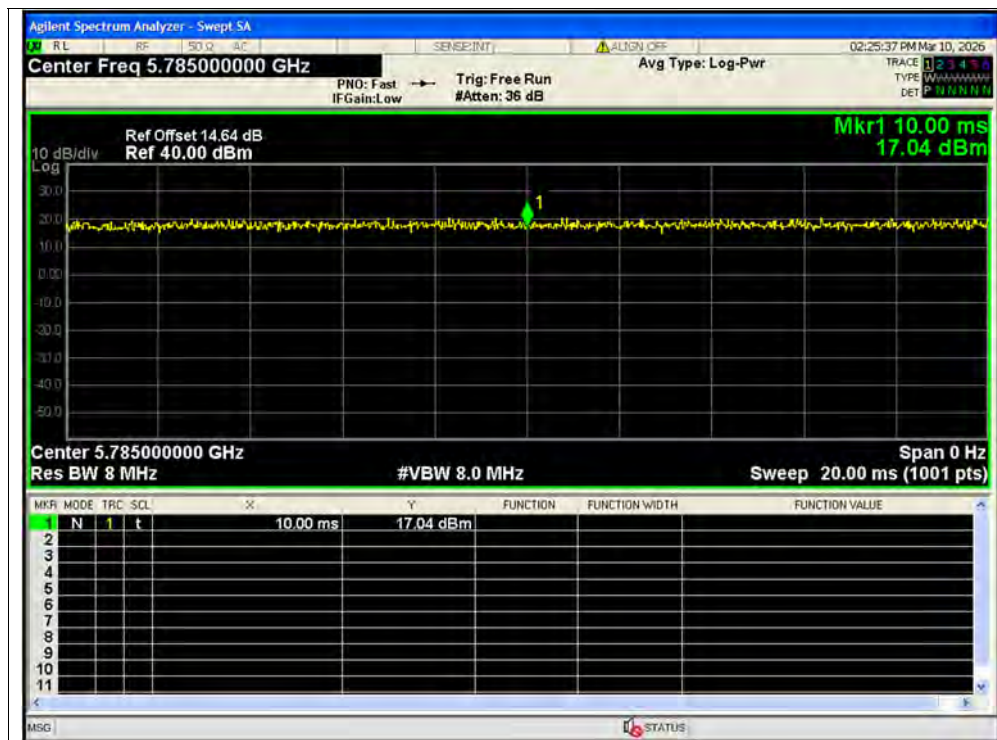
Duty Cycle NVNT n20 5220MHz Ant2 SISO



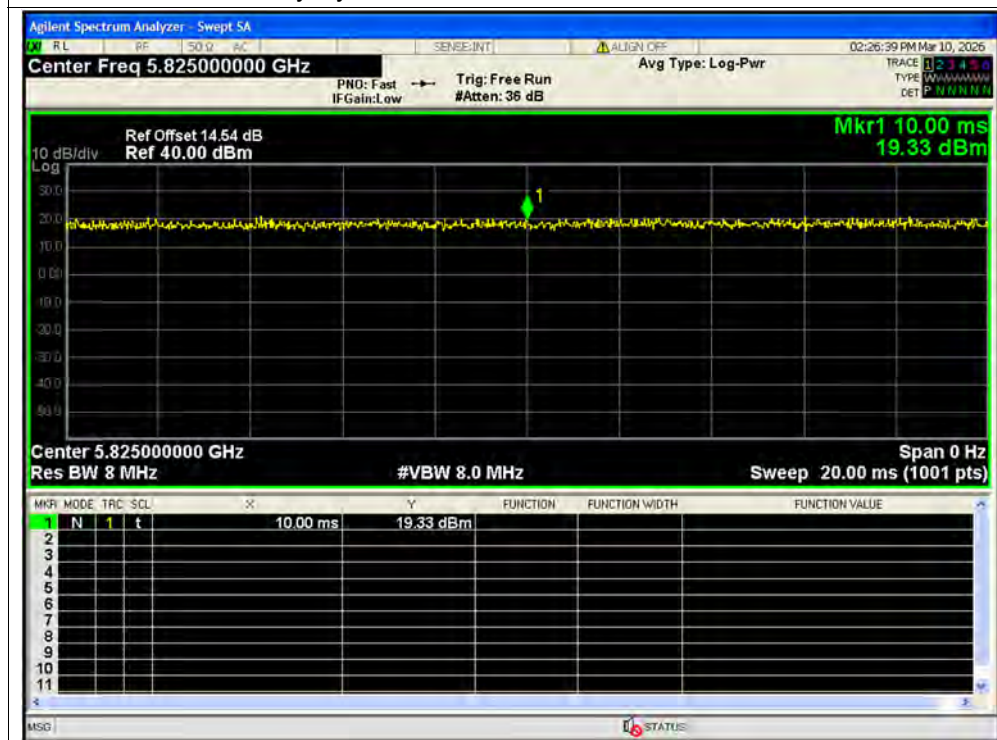
Duty Cycle NVNT n20 5240MHz Ant2 SISO



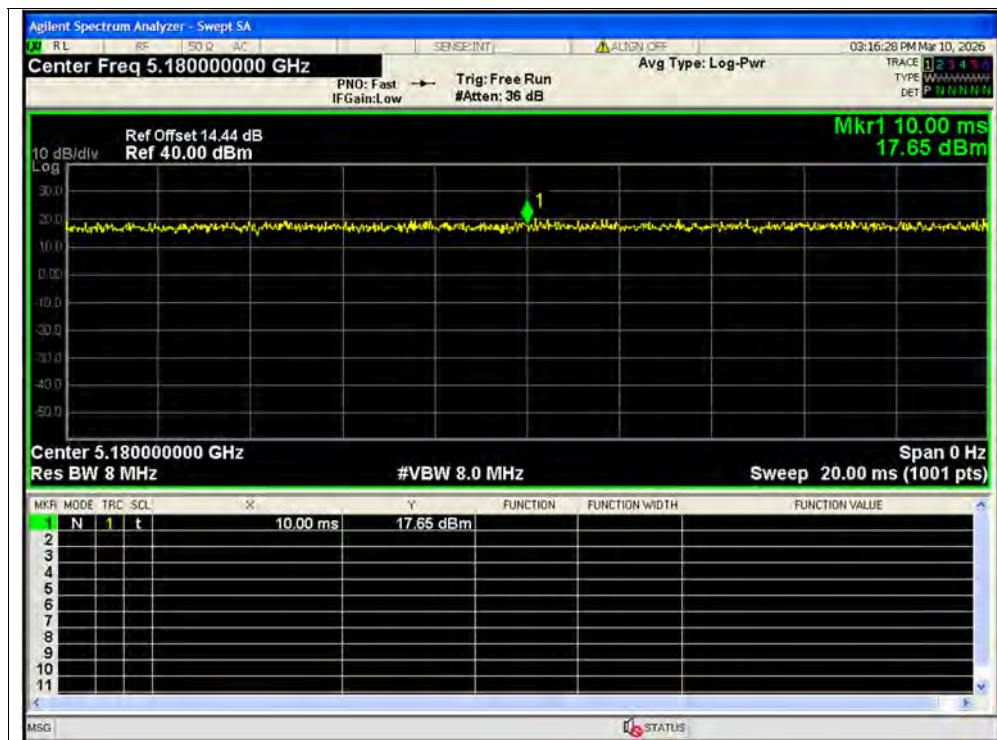
Duty Cycle NVNT n20 5745MHz Ant2 SISO



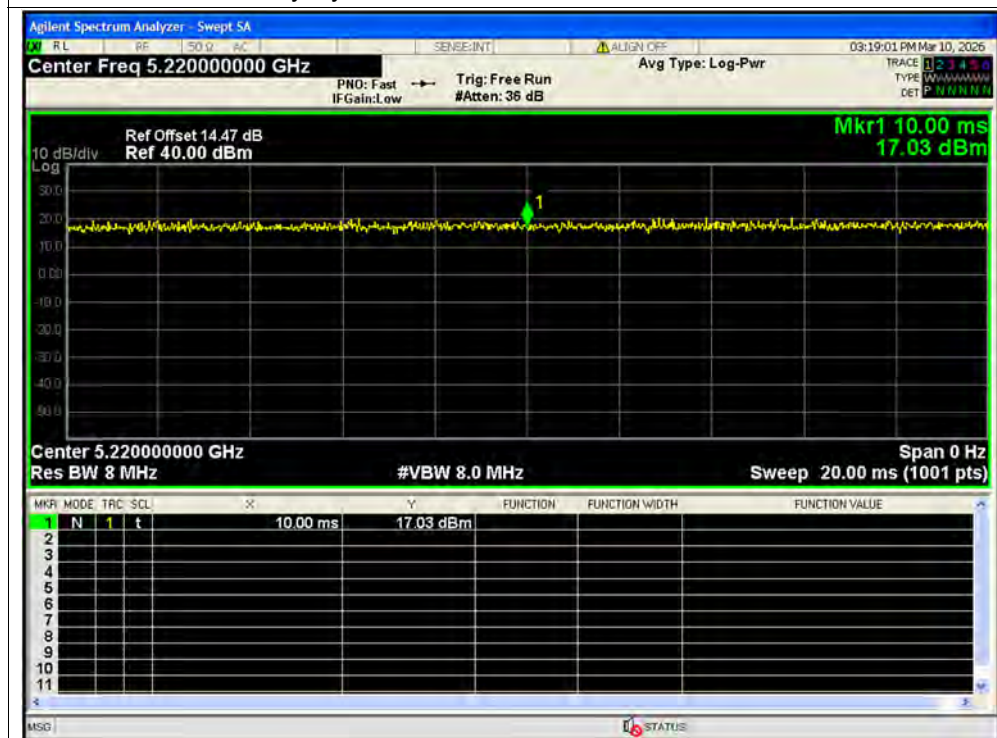
Duty Cycle NVNT n20 5785MHz Ant2 SISO



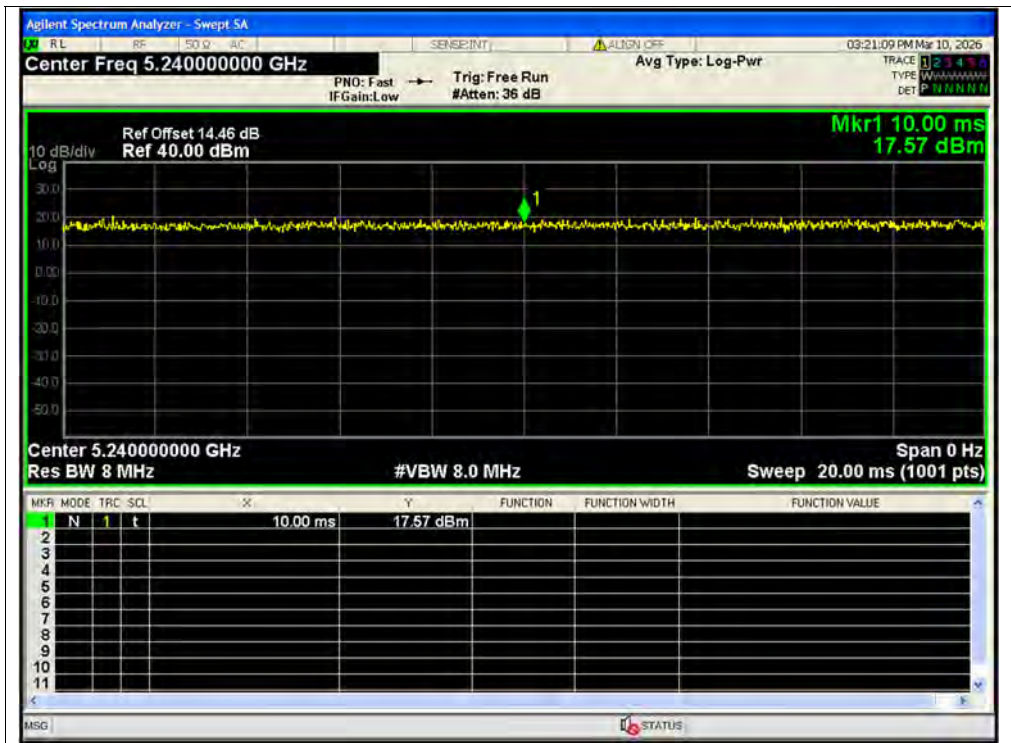
Duty Cycle NVNT n20 5825MHz Ant2 SISO



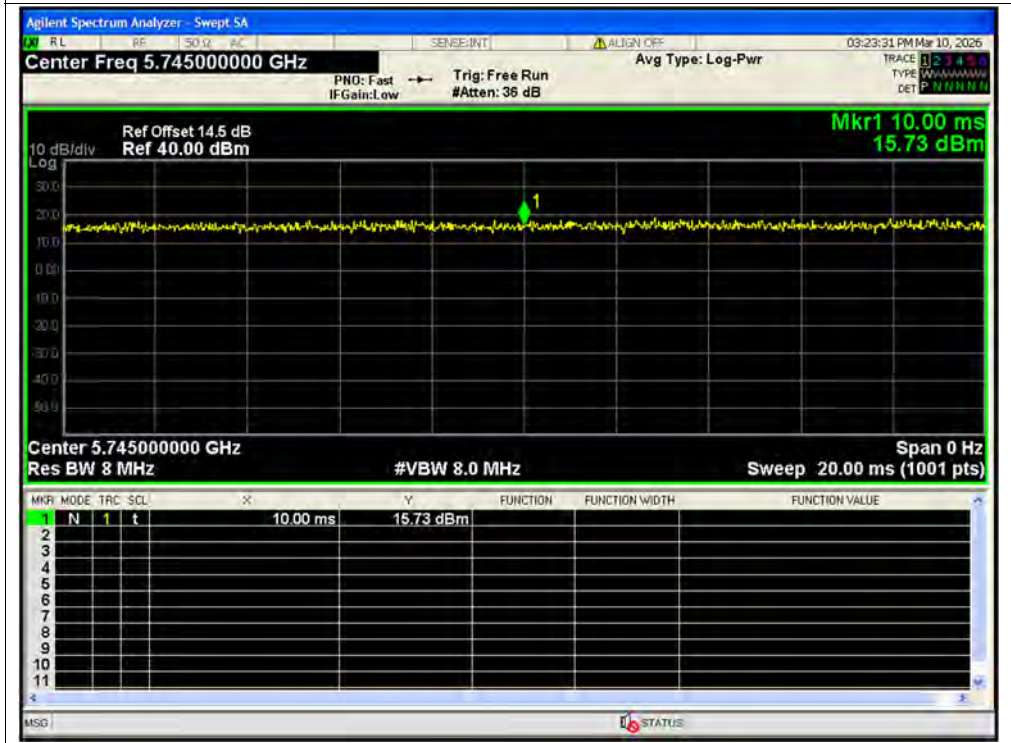
Duty Cycle NVNT n20 5180MHz Sum MIMO



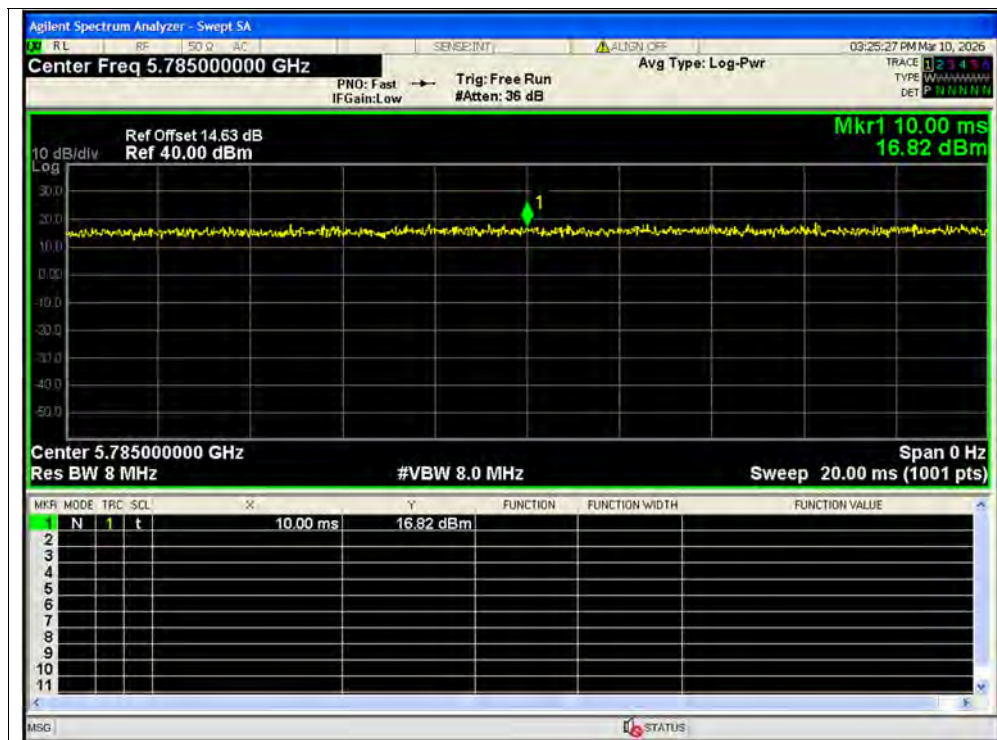
Duty Cycle NVNT n20 5220MHz Sum MIMO



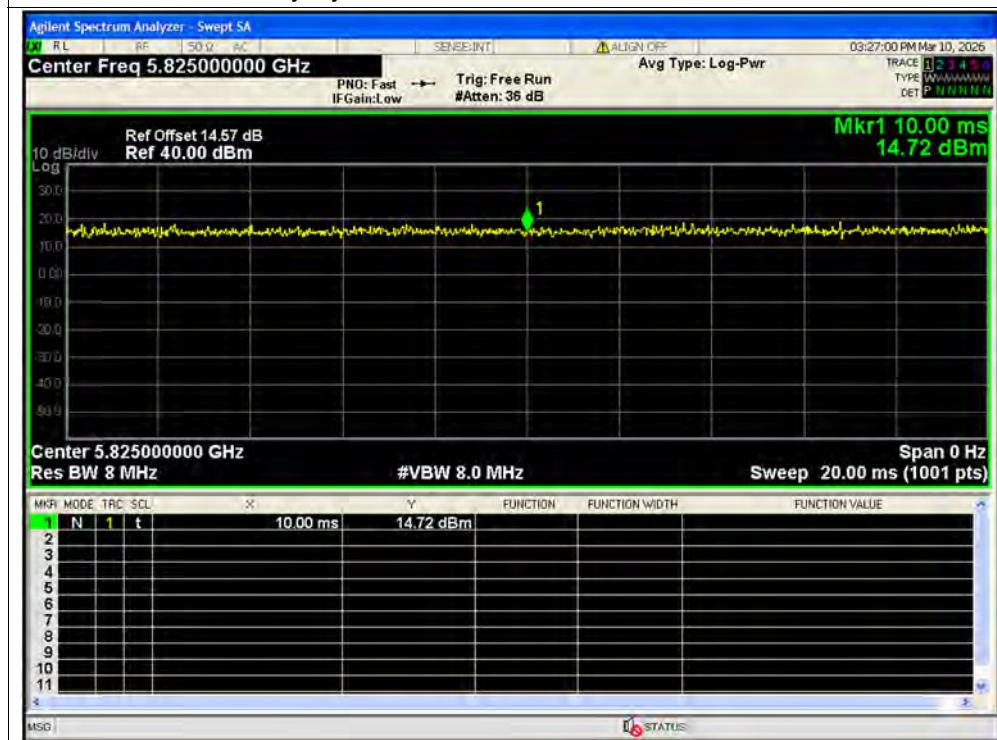
Duty Cycle NVNT n20 5240MHz Sum MIMO



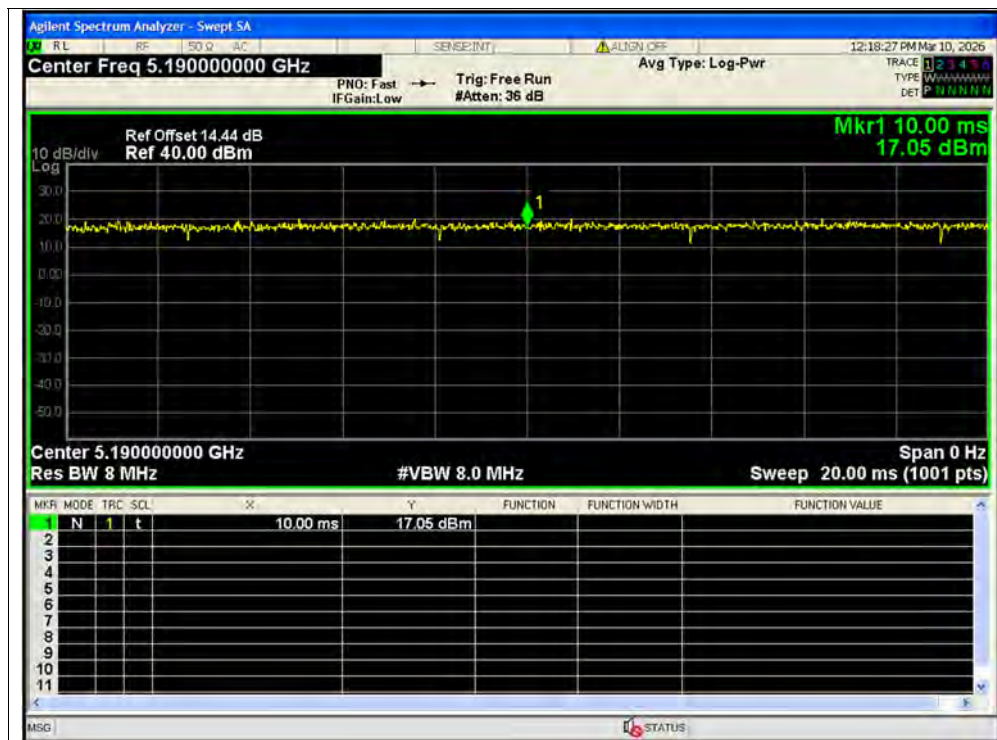
Duty Cycle NVNT n20 5745MHz Sum MIMO



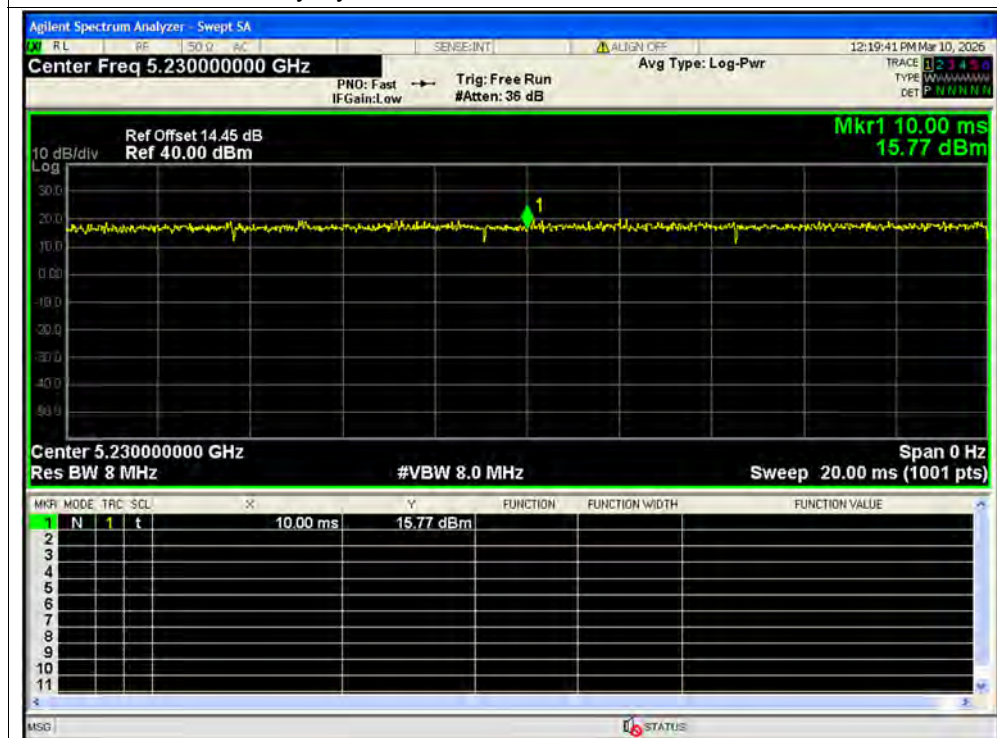
Duty Cycle NVNT n20 5785MHz Sum MIMO



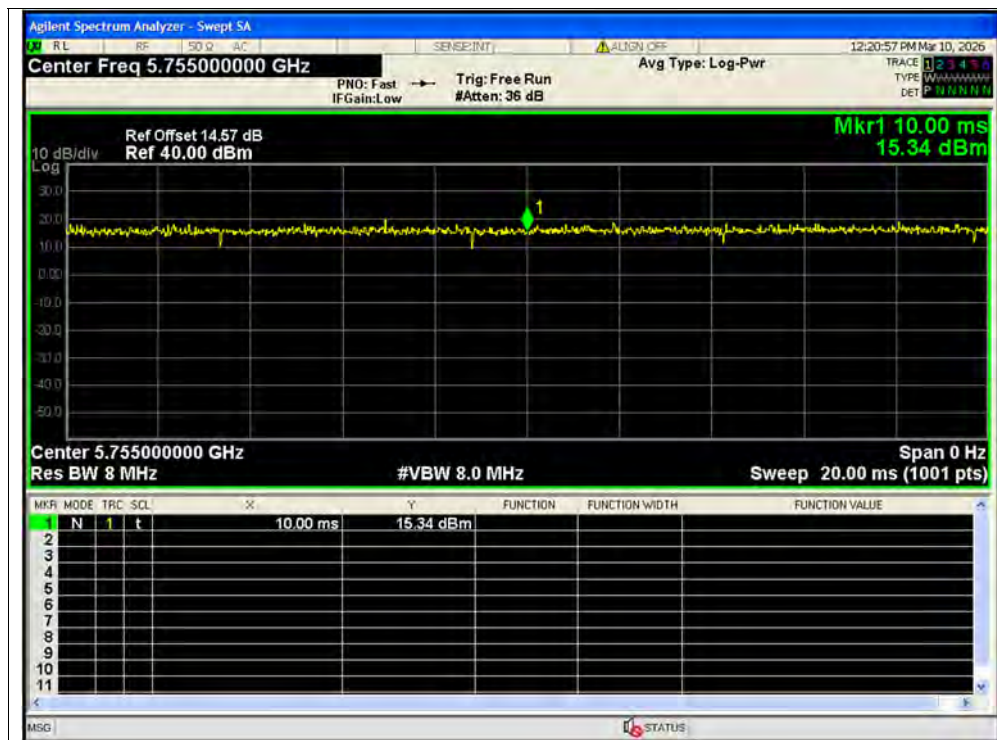
Duty Cycle NVNT n20 5825MHz Sum MIMO



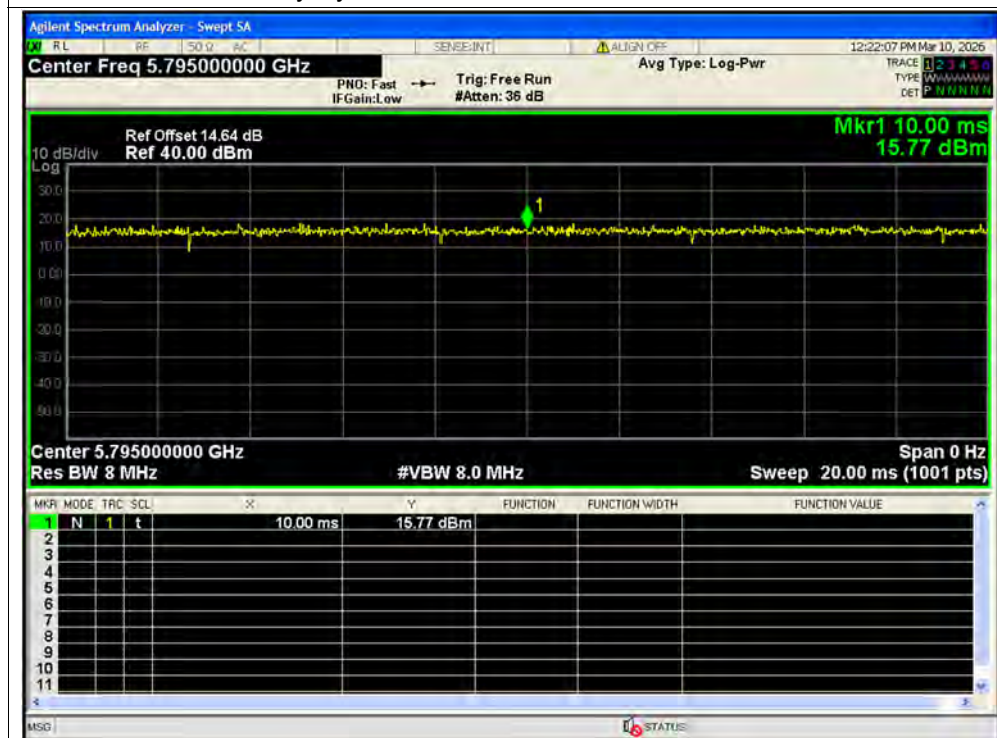
Duty Cycle NVNT n40 5190MHz Ant1 SISO



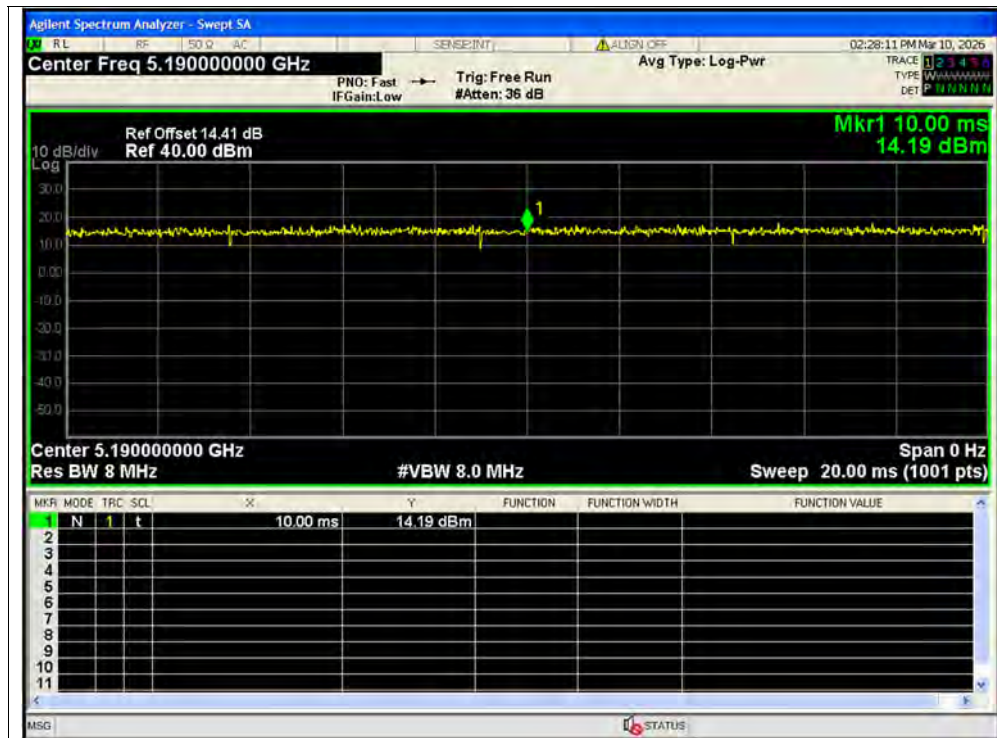
Duty Cycle NVNT n40 5230MHz Ant1 SISO



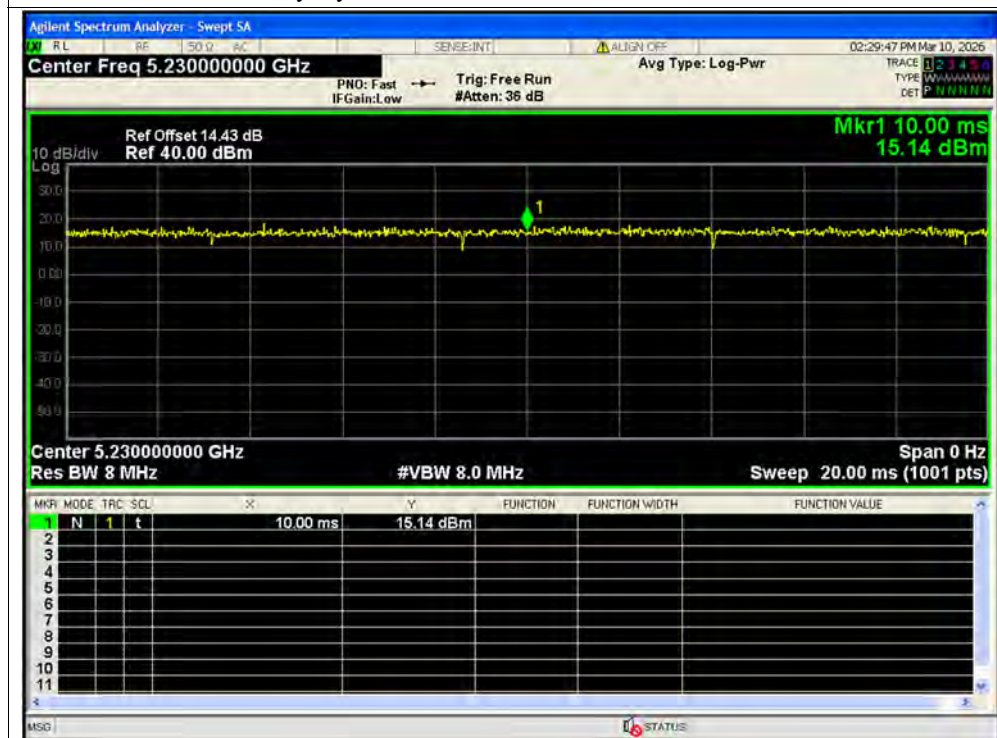
Duty Cycle NVNT n40 5755MHz Ant1 SISO



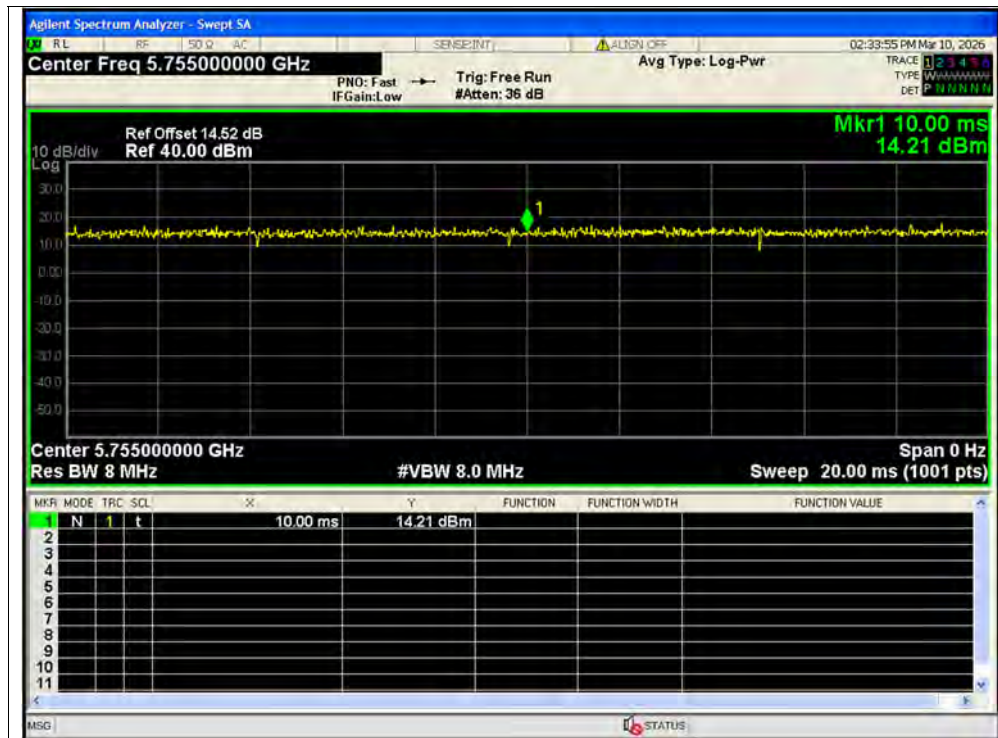
Duty Cycle NVNT n40 5795MHz Ant1 SISO



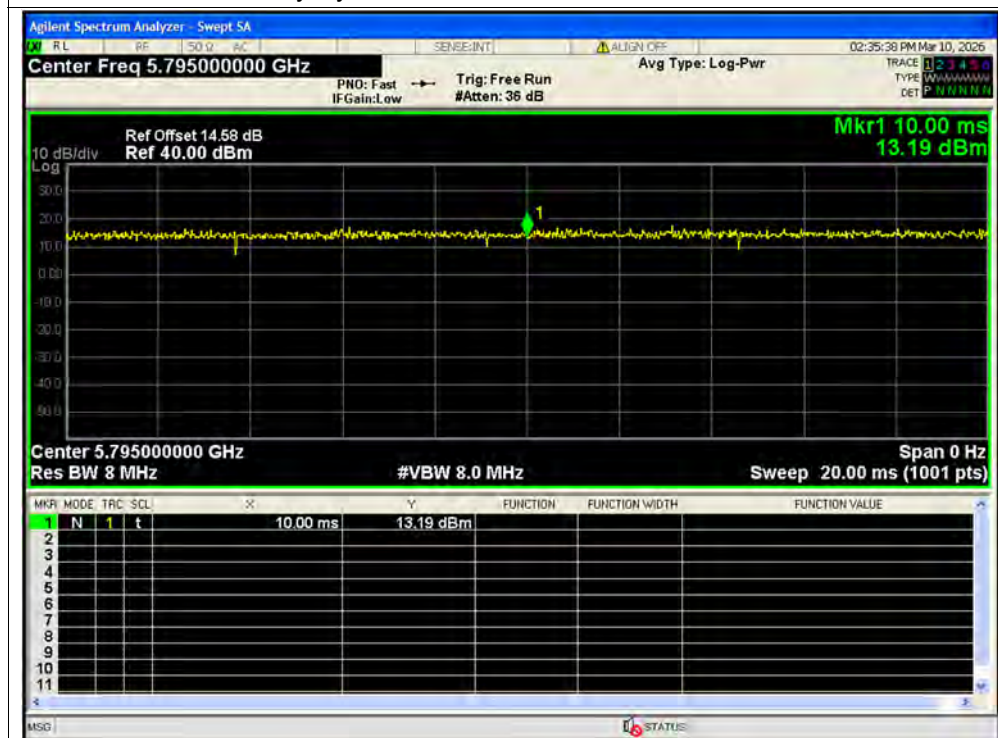
Duty Cycle NVNT n40 5190MHz Ant2 SISO



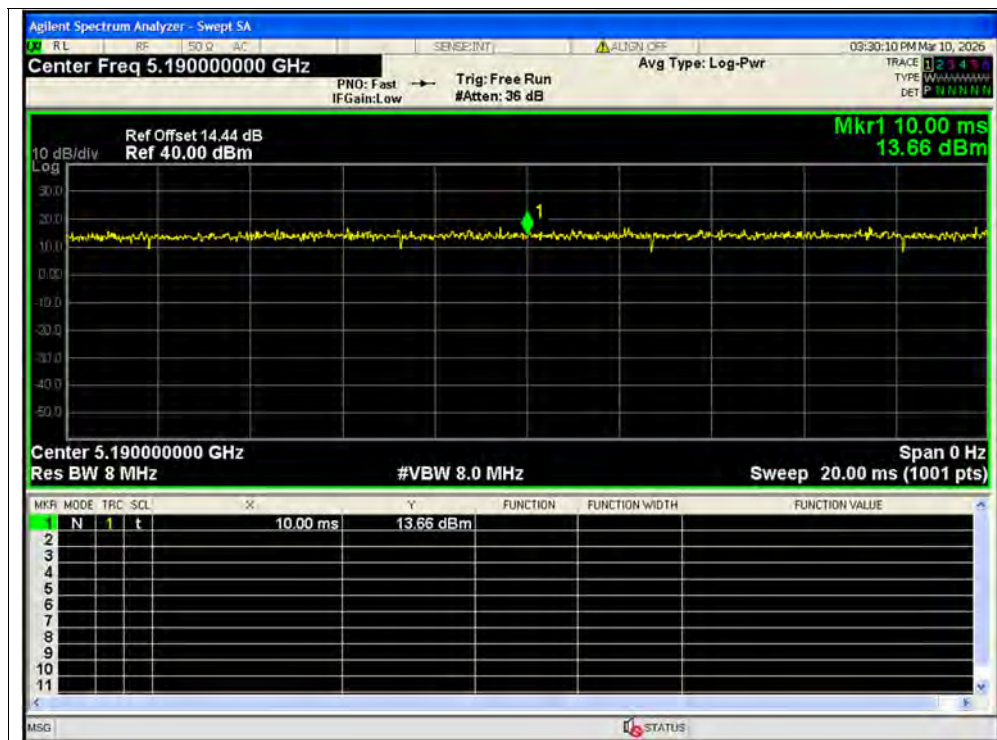
Duty Cycle NVNT n40 5230MHz Ant2 SISO



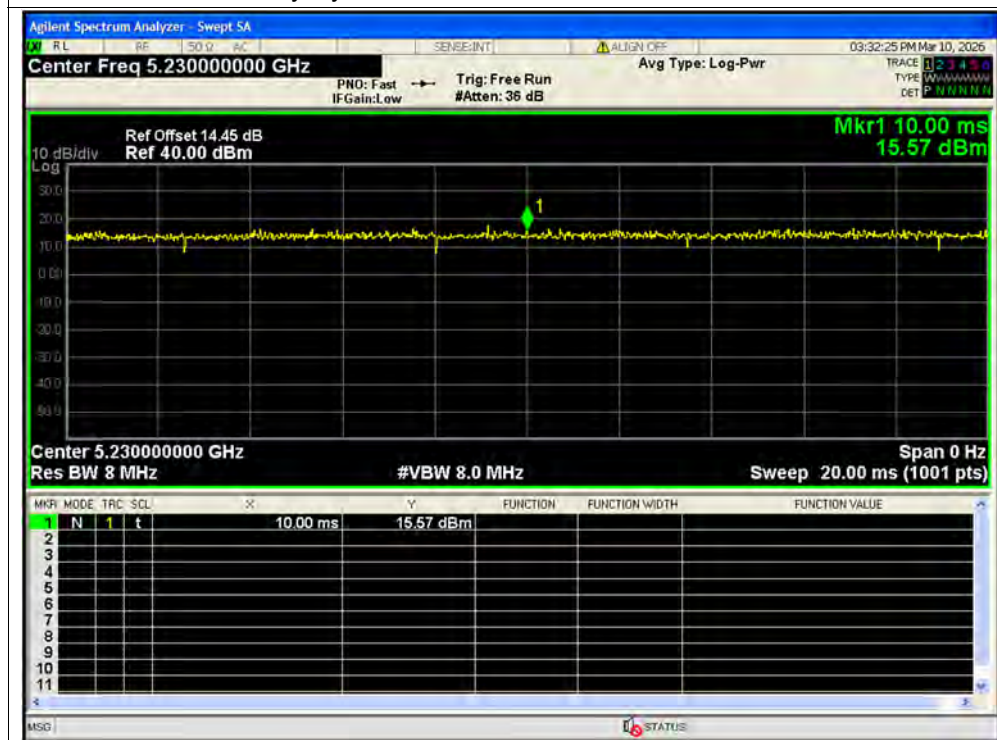
Duty Cycle NVNT n40 5755MHz Ant2 SISO



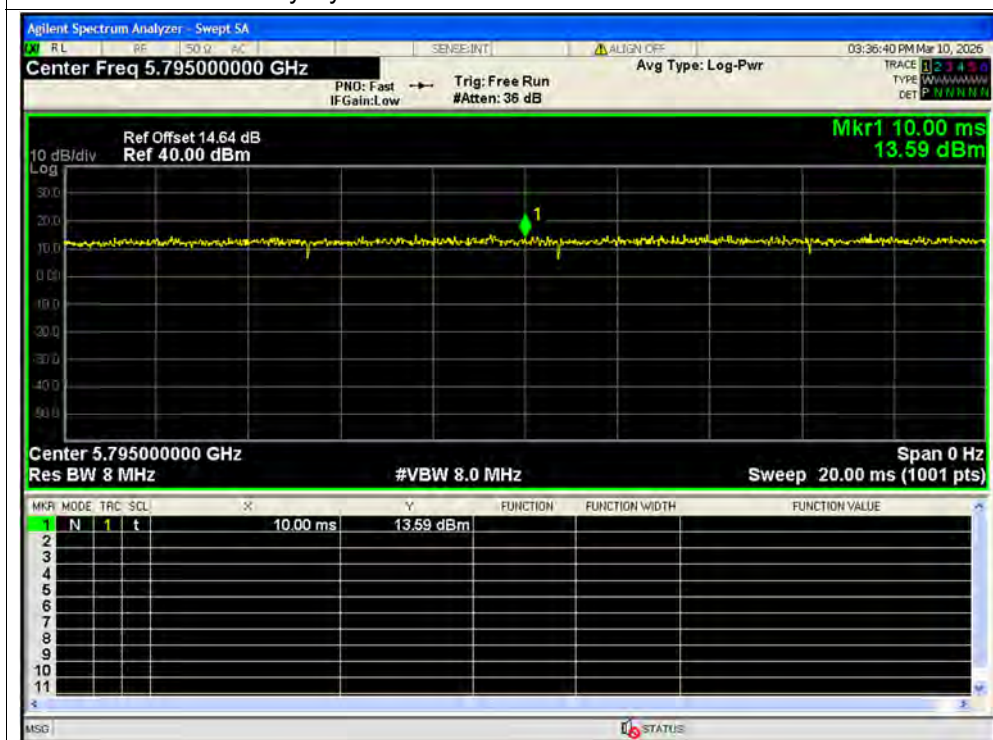
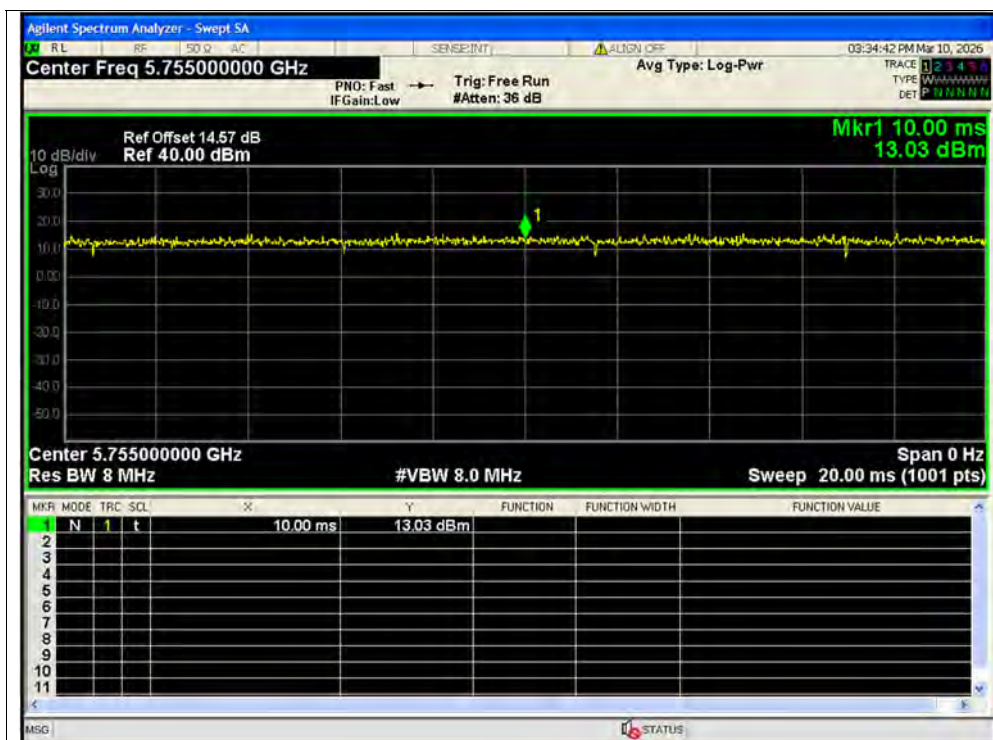
Duty Cycle NVNT n40 5795MHz Ant2 SISO

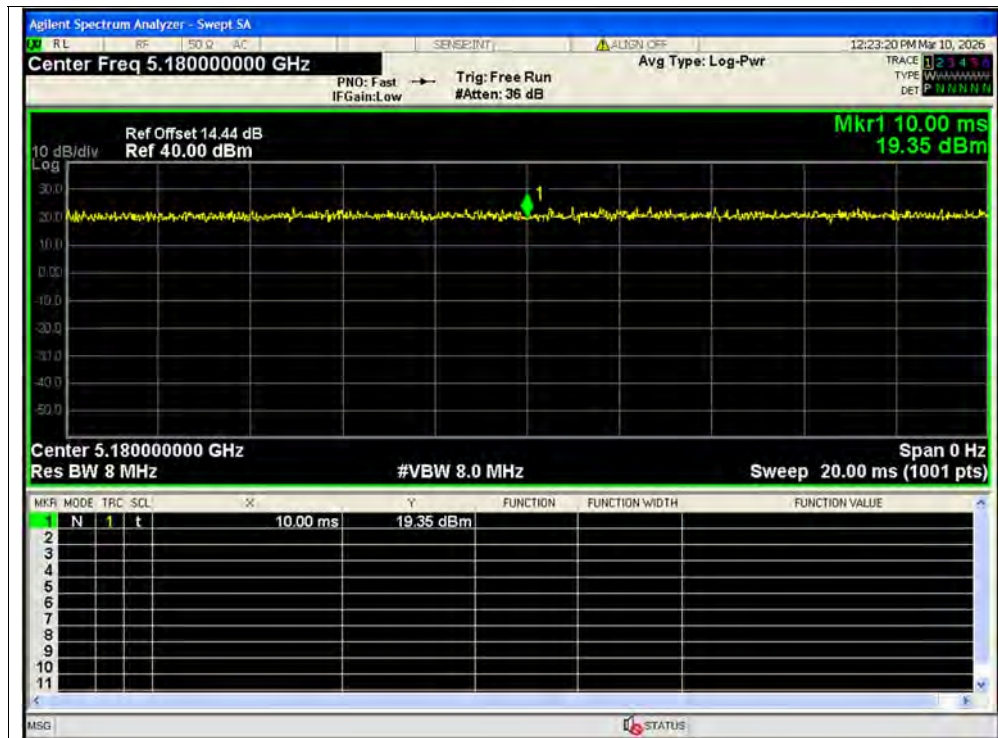


Duty Cycle NVNT n40 5190MHz Sum MIMO

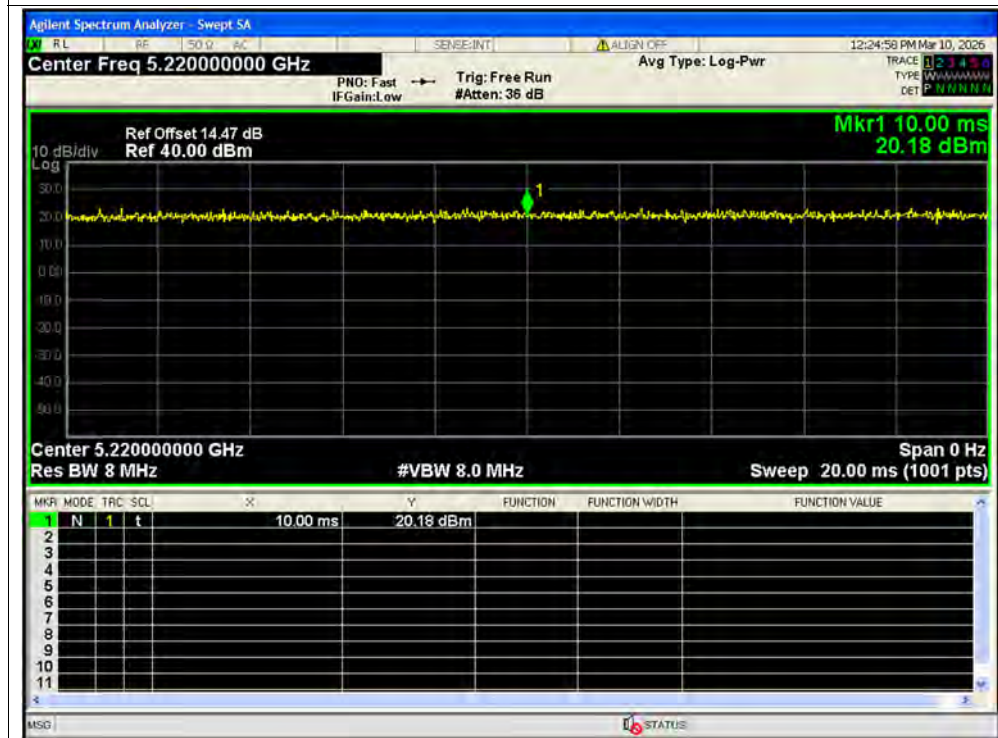


Duty Cycle NVNT n40 5230MHz Sum MIMO

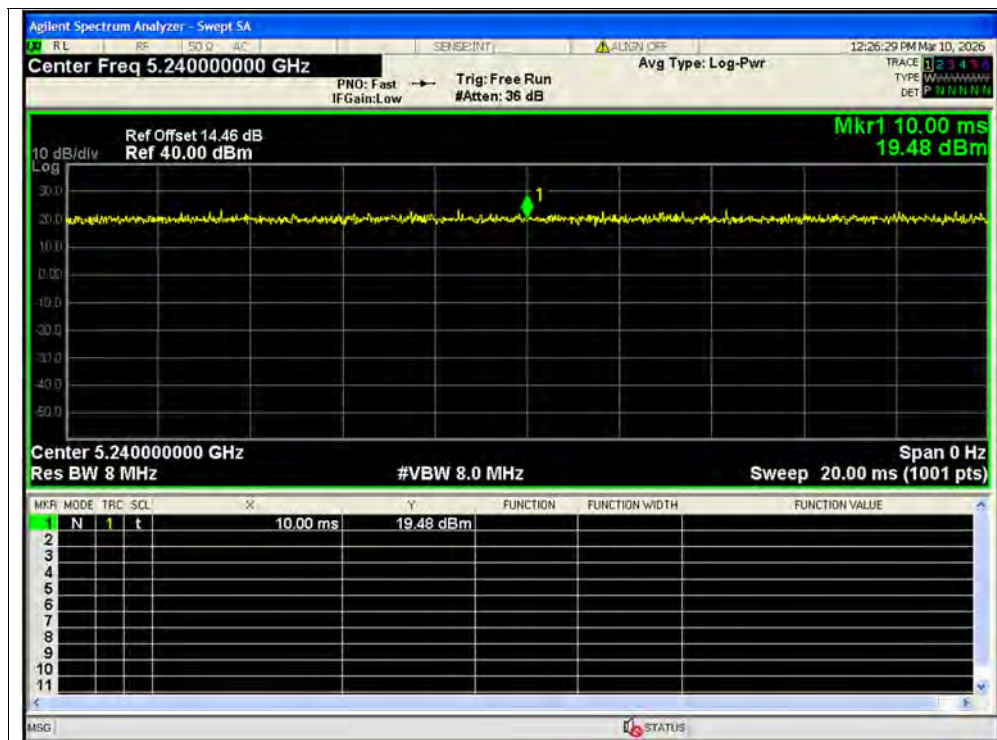




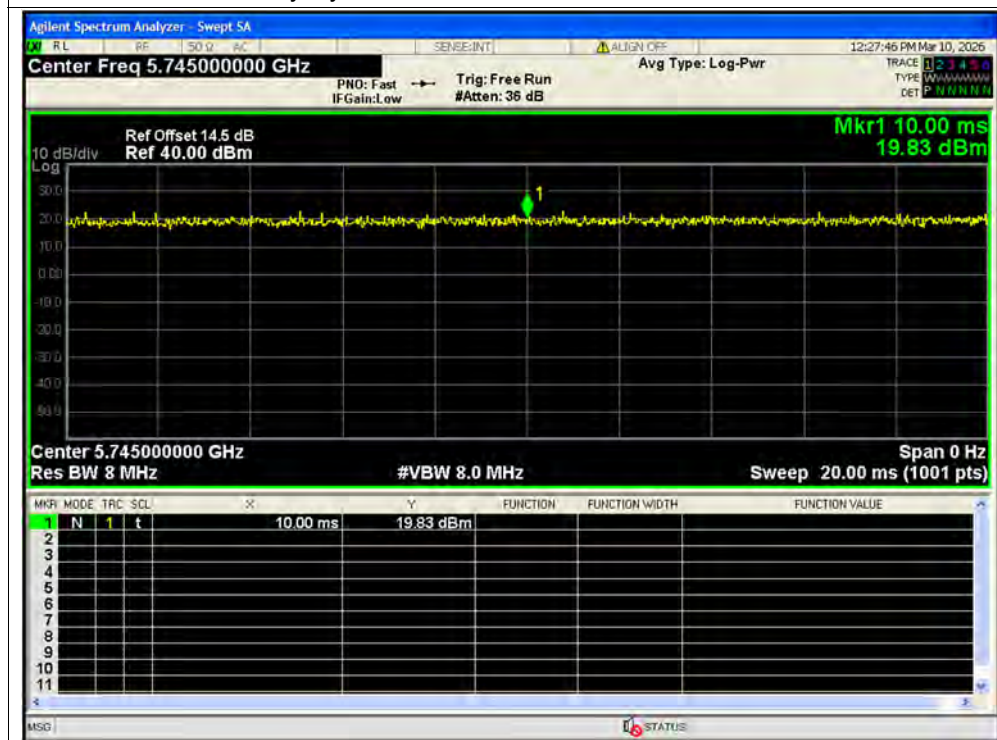
Duty Cycle NVNT ac20 5180MHz Ant1 SISO



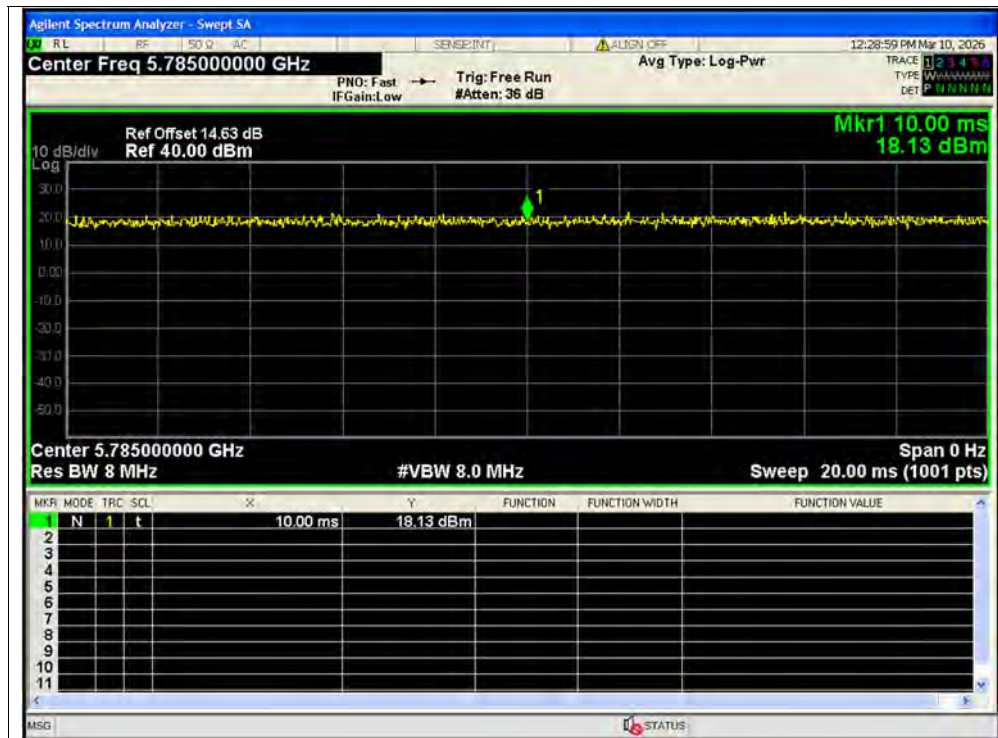
Duty Cycle NVNT ac20 5220MHz Ant1 SISO



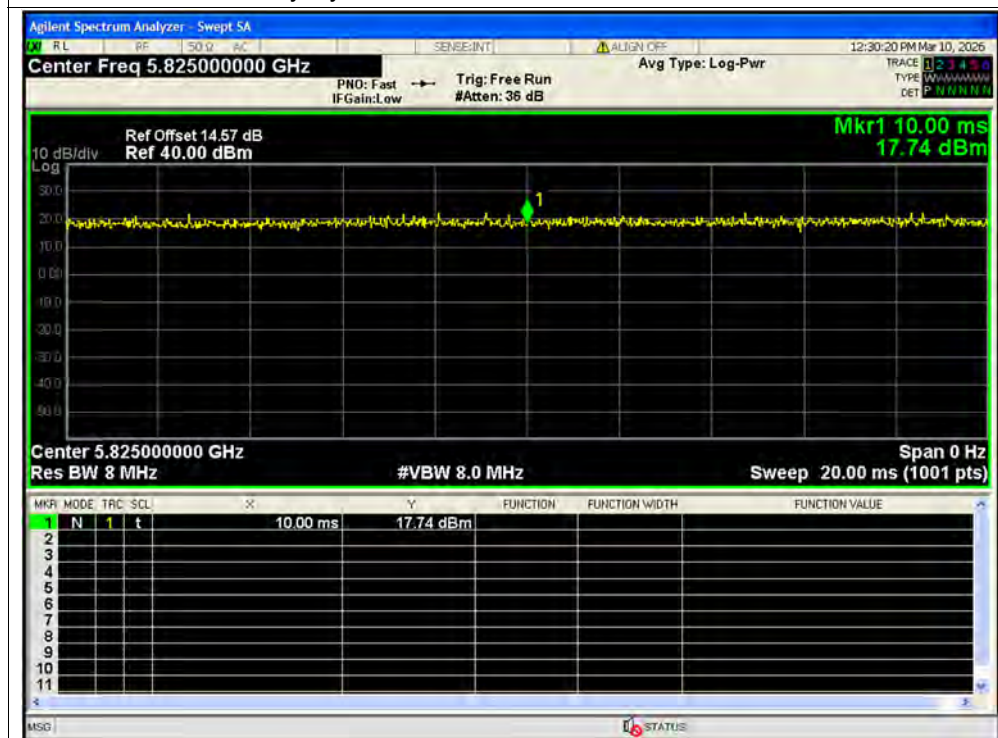
Duty Cycle NVNT ac20 5240MHz Ant1 SISO



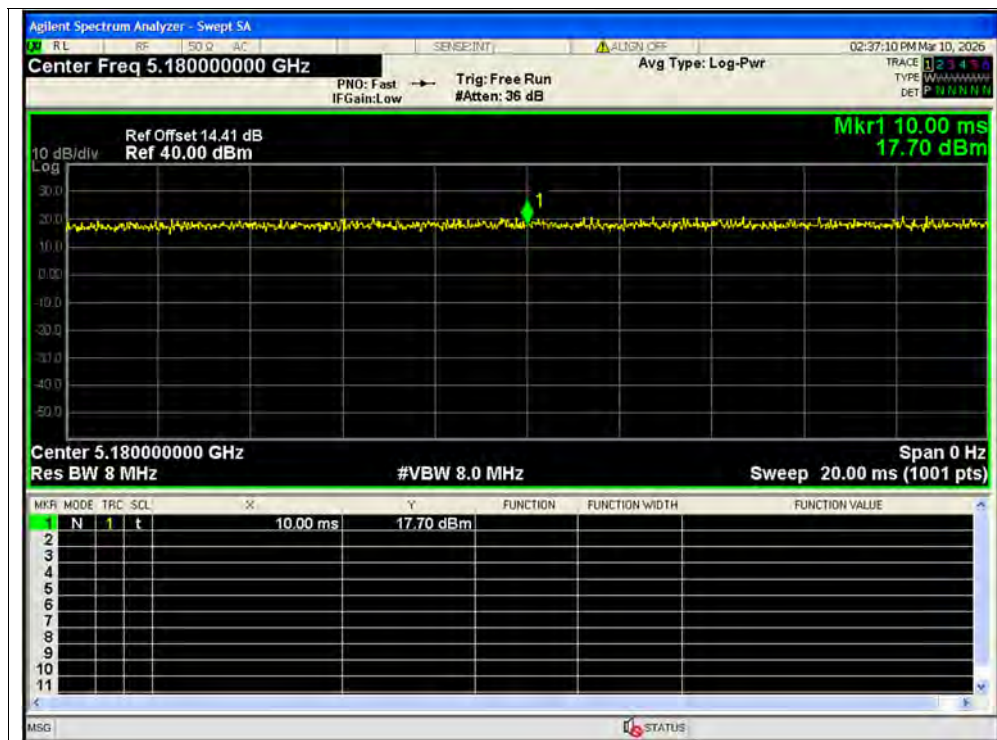
Duty Cycle NVNT ac20 5745MHz Ant1 SISO



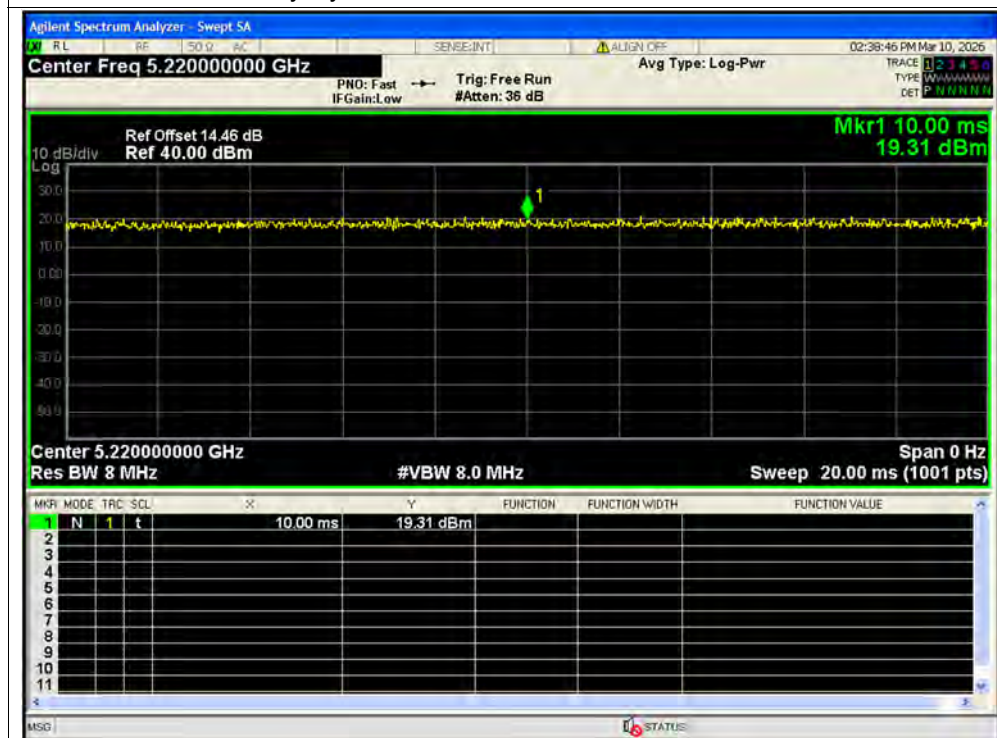
Duty Cycle NVNT ac20 5785MHz Ant1 SISO



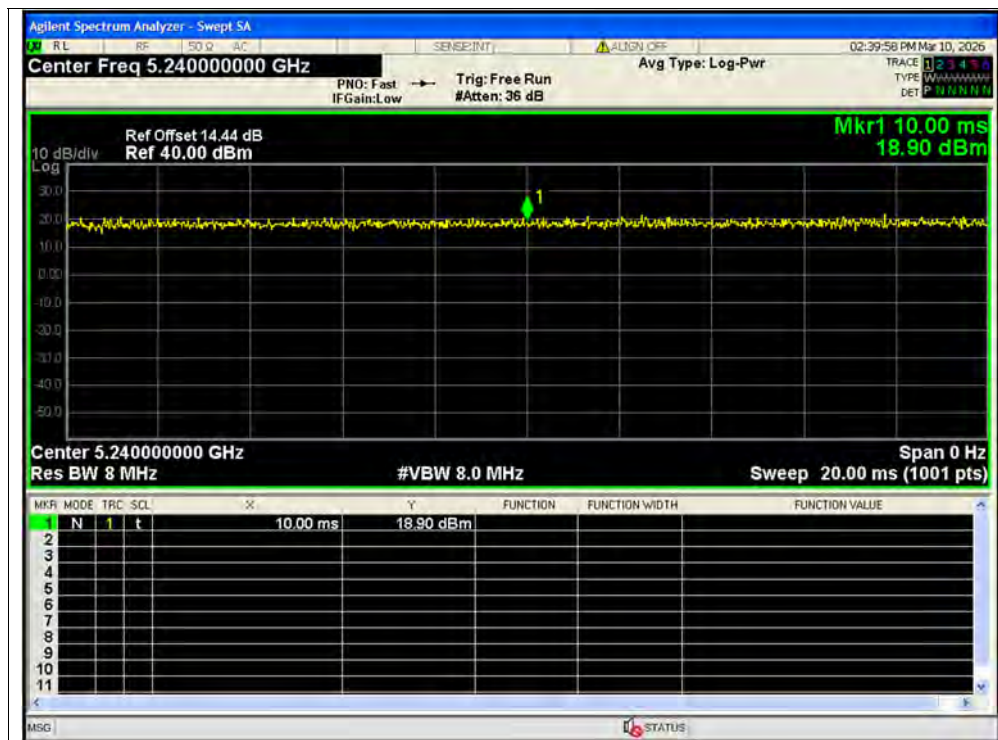
Duty Cycle NVNT ac20 5825MHz Ant1 SISO



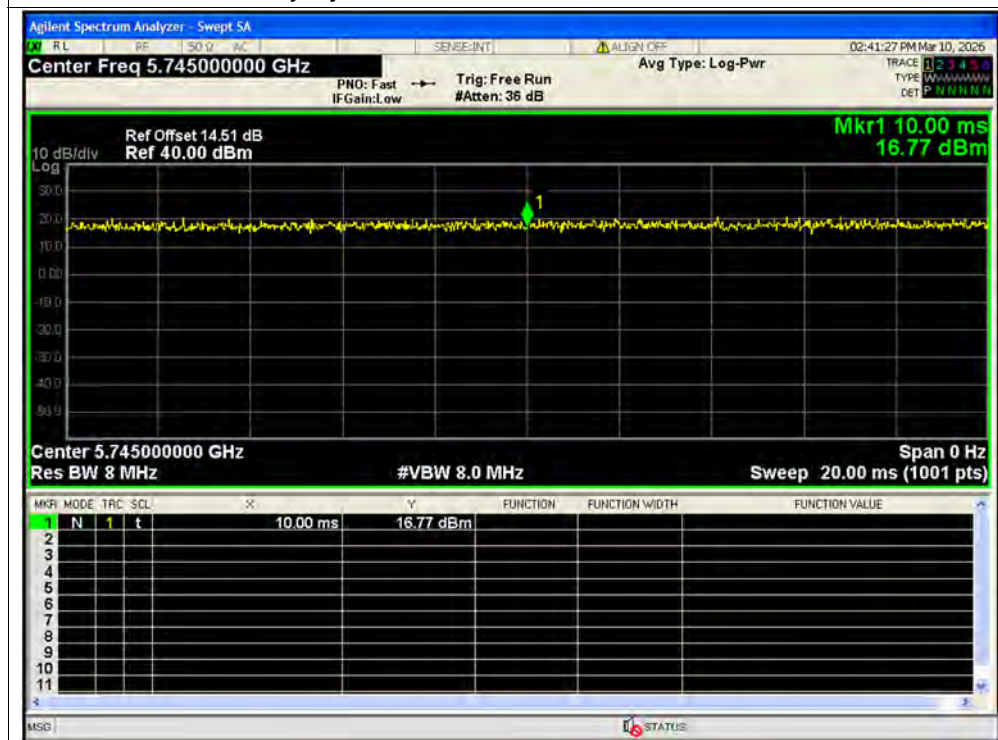
Duty Cycle NVNT ac20 5180MHz Ant2 SISO



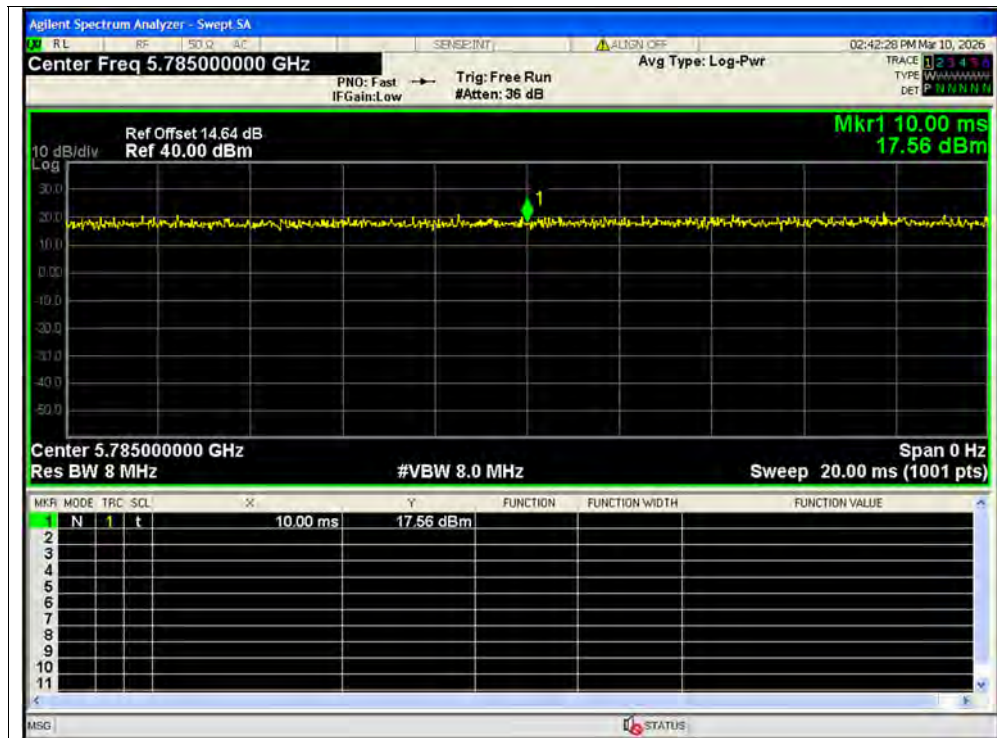
Duty Cycle NVNT ac20 5220MHz Ant2 SISO



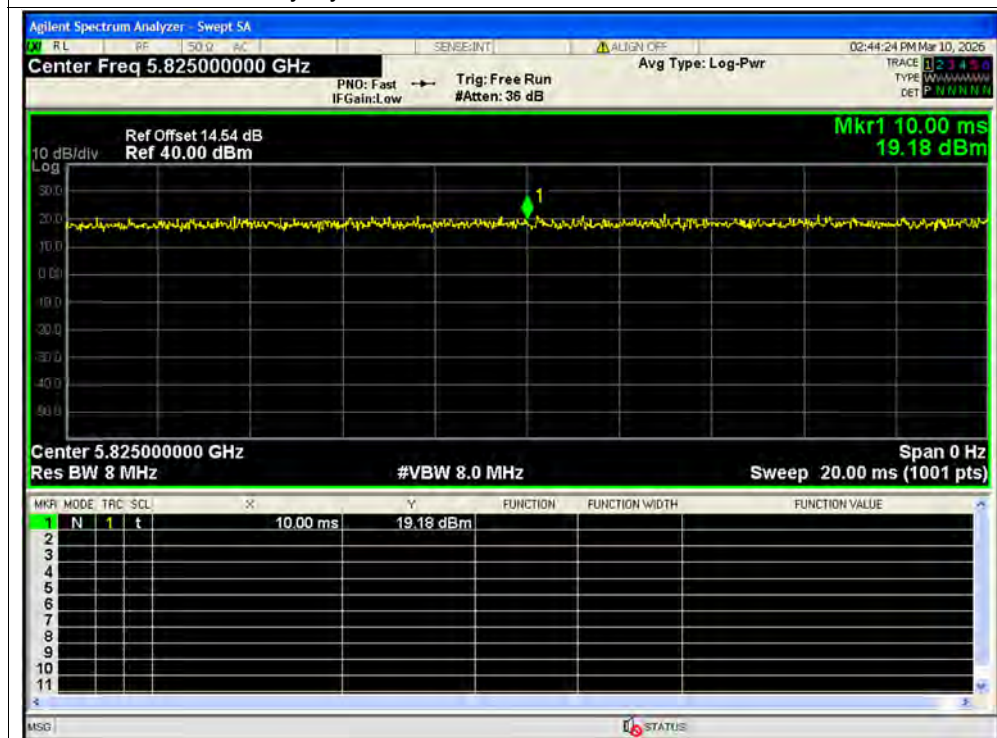
Duty Cycle NVNT ac20 5240MHz Ant2 SISO



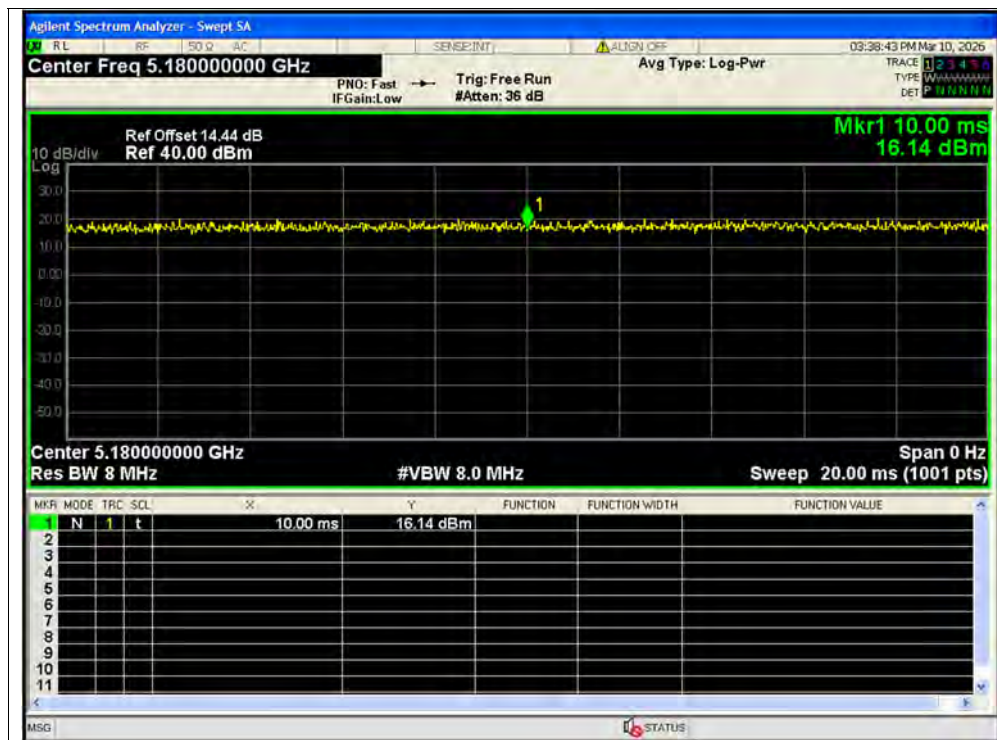
Duty Cycle NVNT ac20 5745MHz Ant2 SISO



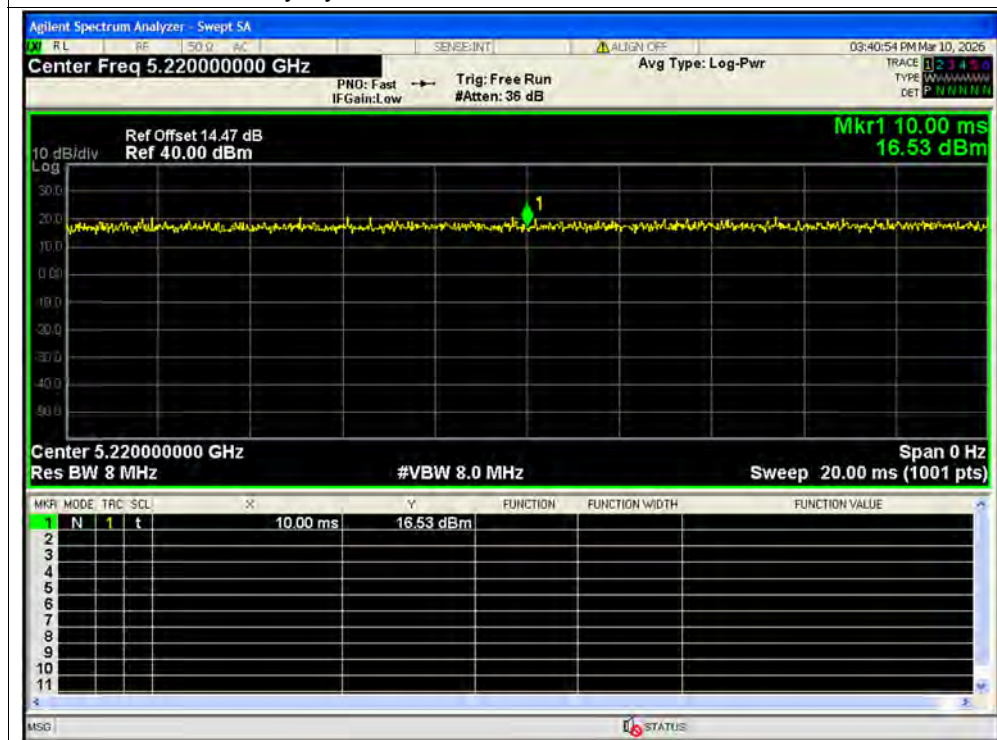
Duty Cycle NVNT ac20 5785MHz Ant2 SISO



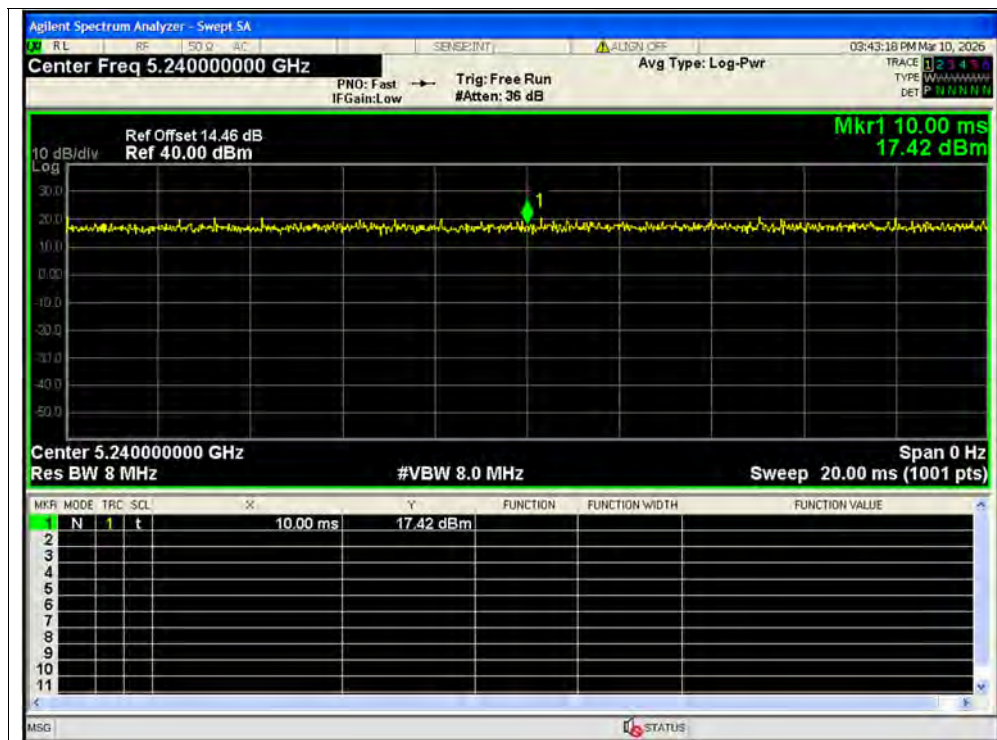
Duty Cycle NVNT ac20 5825MHz Ant2 SISO



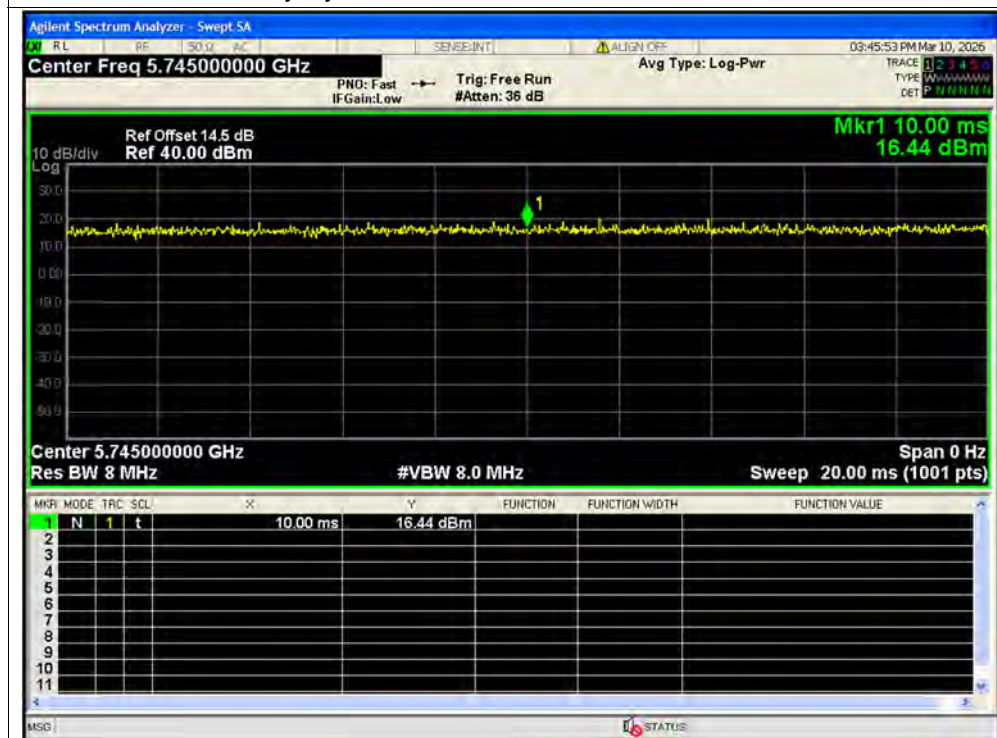
Duty Cycle NVNT ac20 5180MHz Sum MIMO



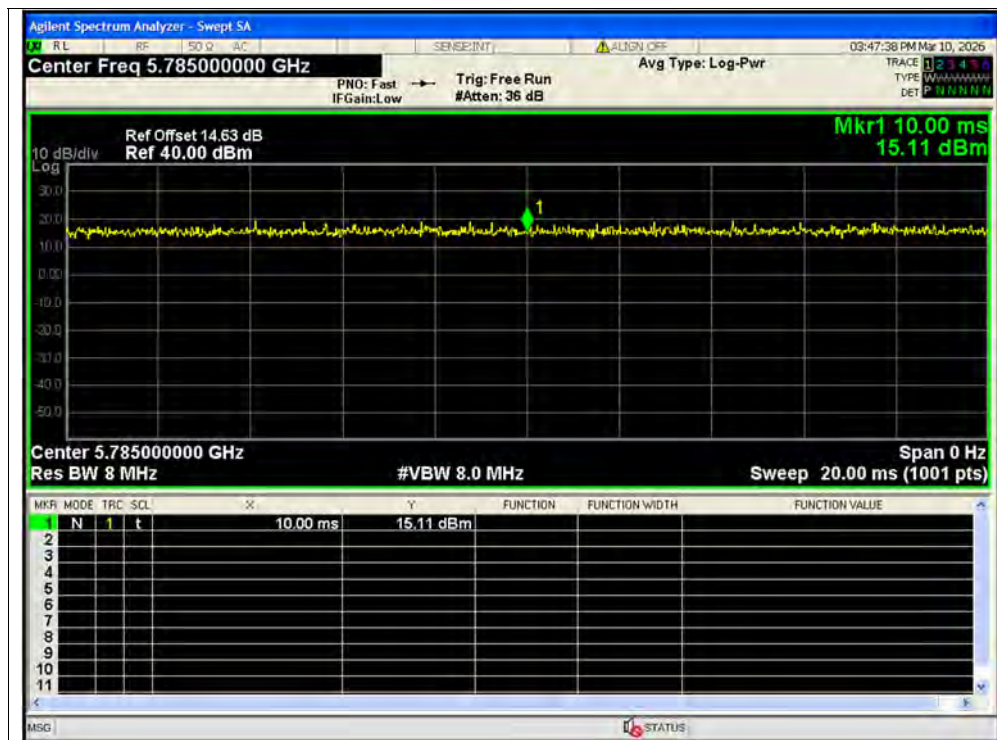
Duty Cycle NVNT ac20 5220MHz Sum MIMO



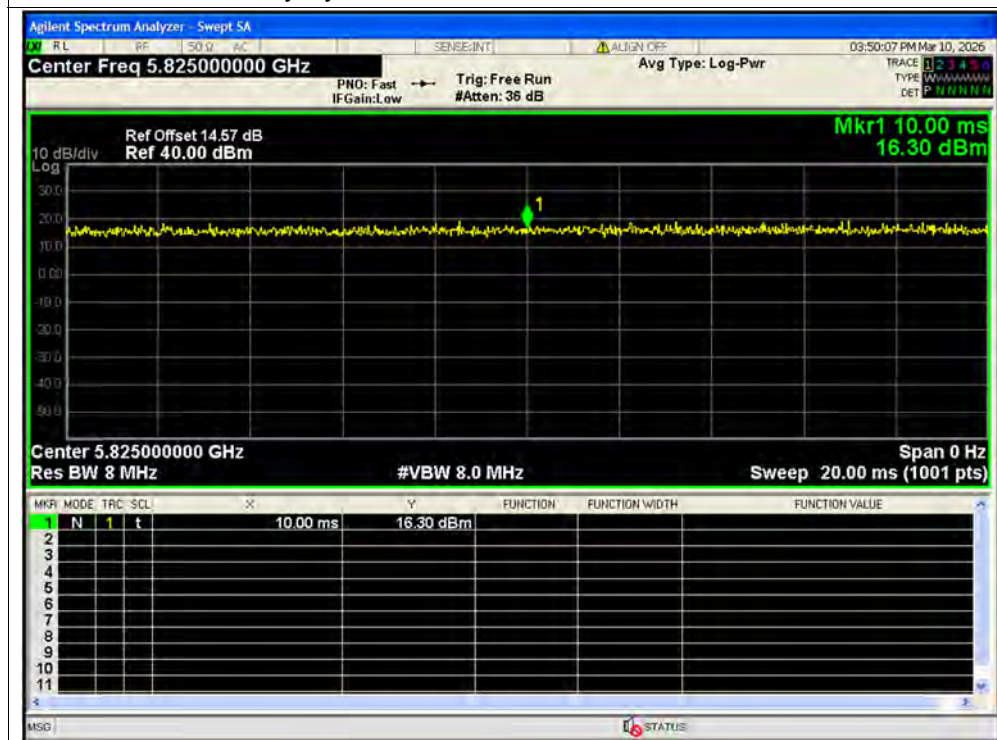
Duty Cycle NVNT ac20 5240MHz Sum MIMO



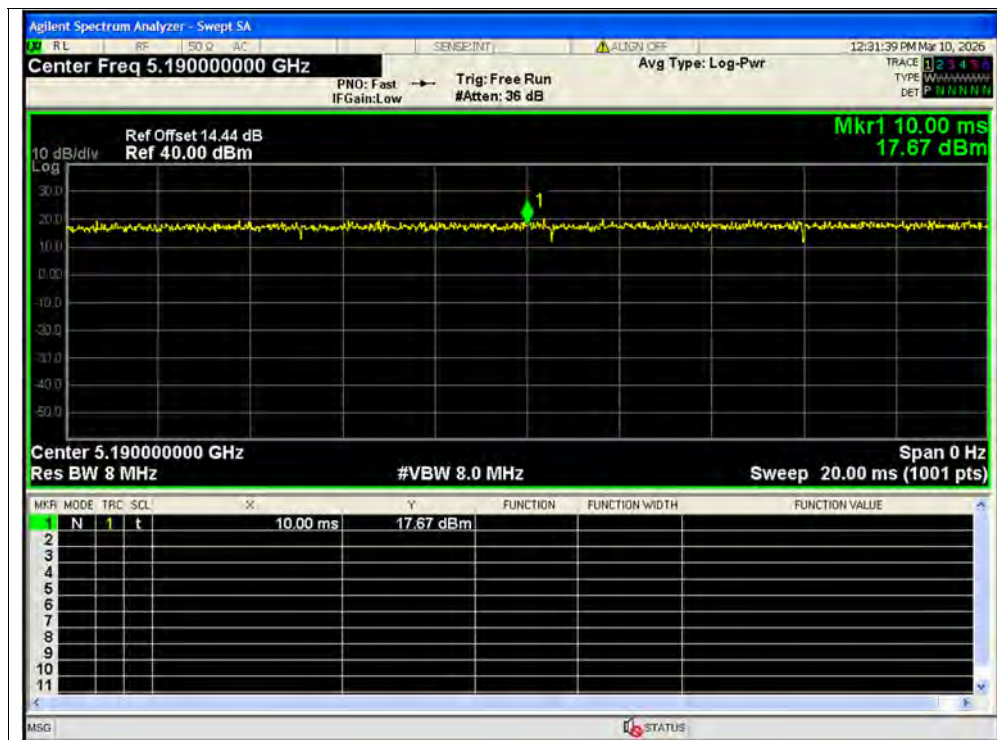
Duty Cycle NVNT ac20 5745MHz Sum MIMO



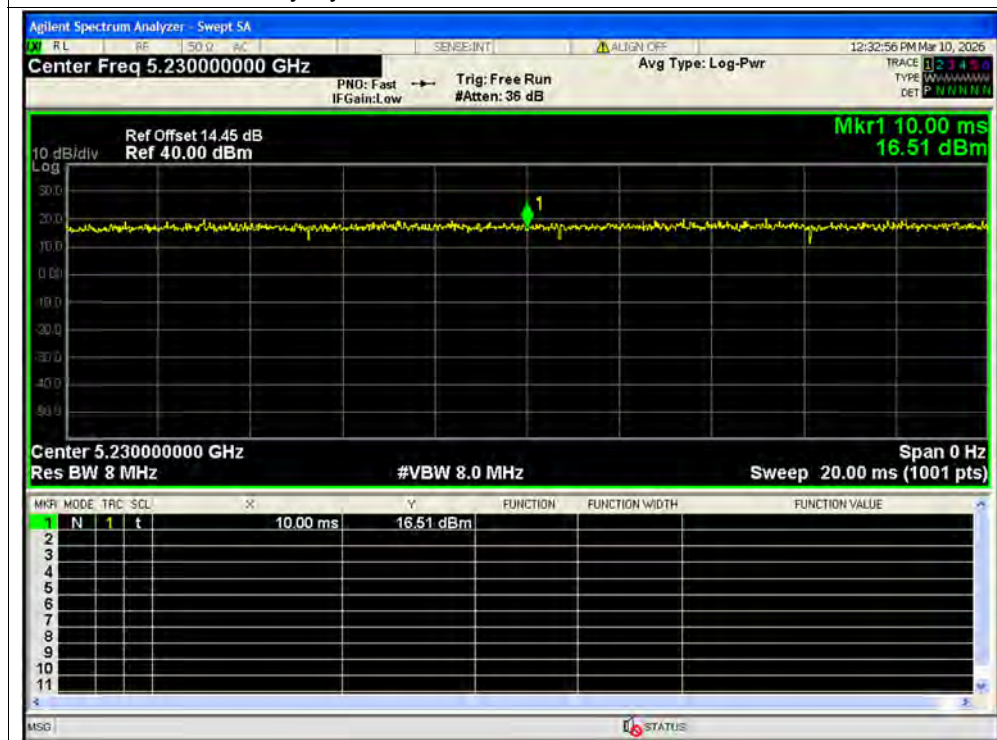
Duty Cycle NVNT ac20 5785MHz Sum MIMO



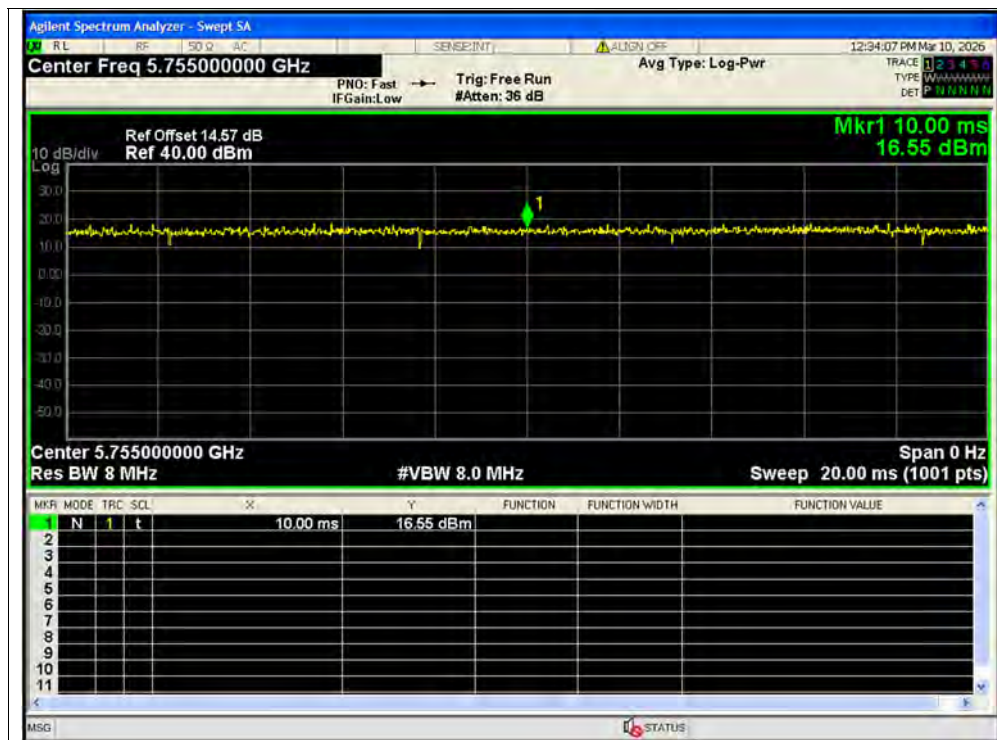
Duty Cycle NVNT ac20 5825MHz Sum MIMO



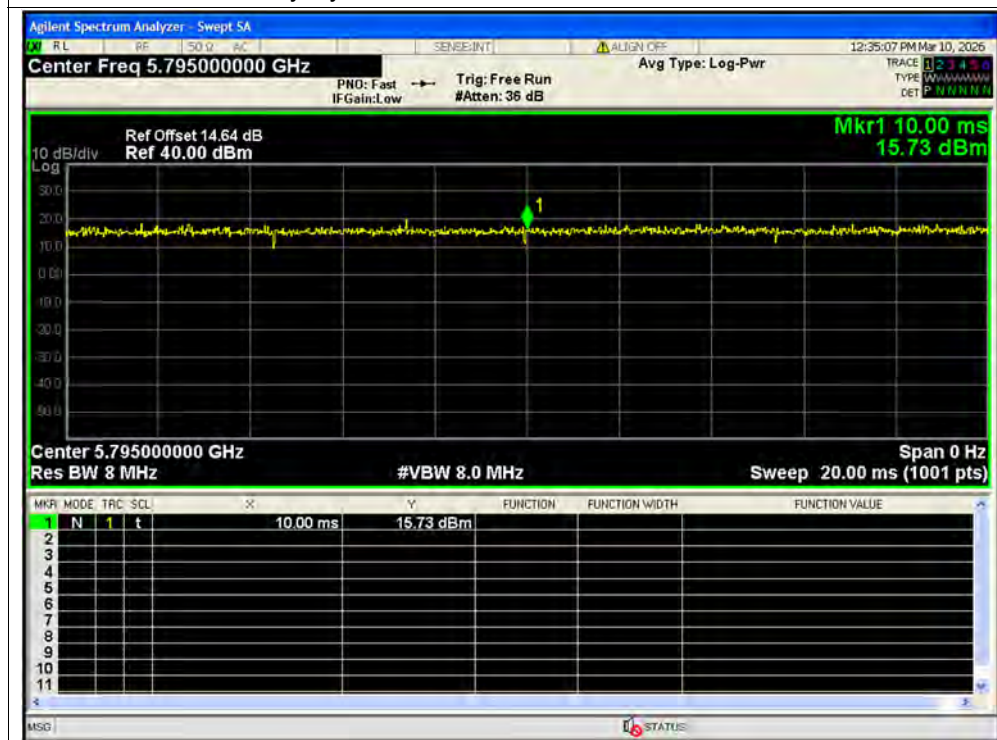
Duty Cycle NVNT ac40 5190MHz Ant1 SISO



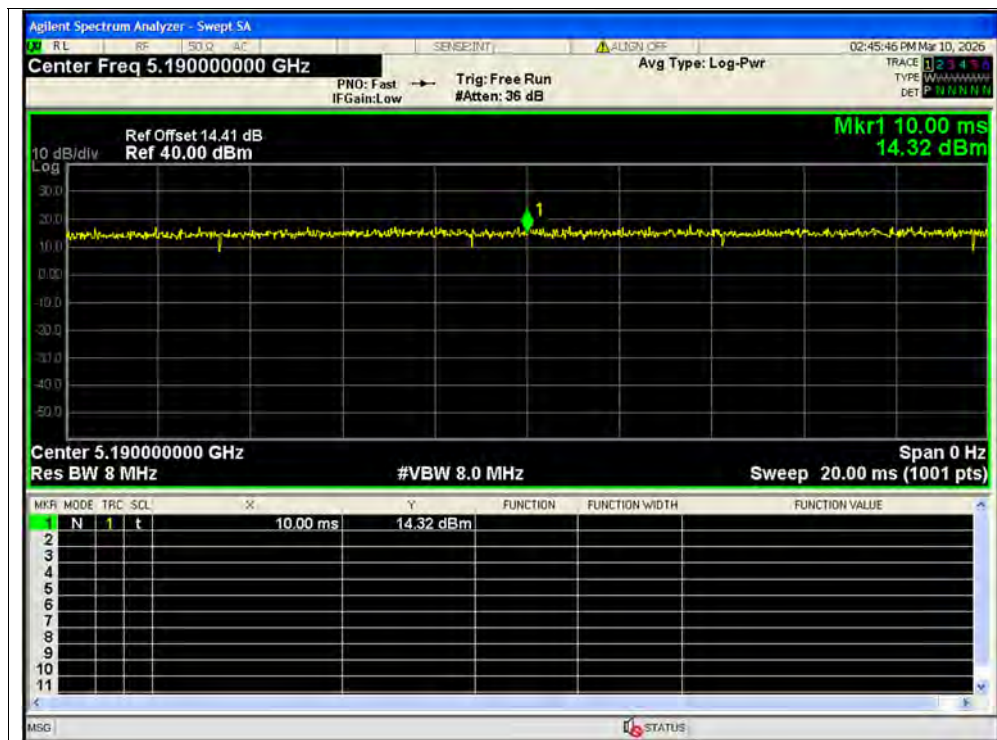
Duty Cycle NVNT ac40 5230MHz Ant1 SISO



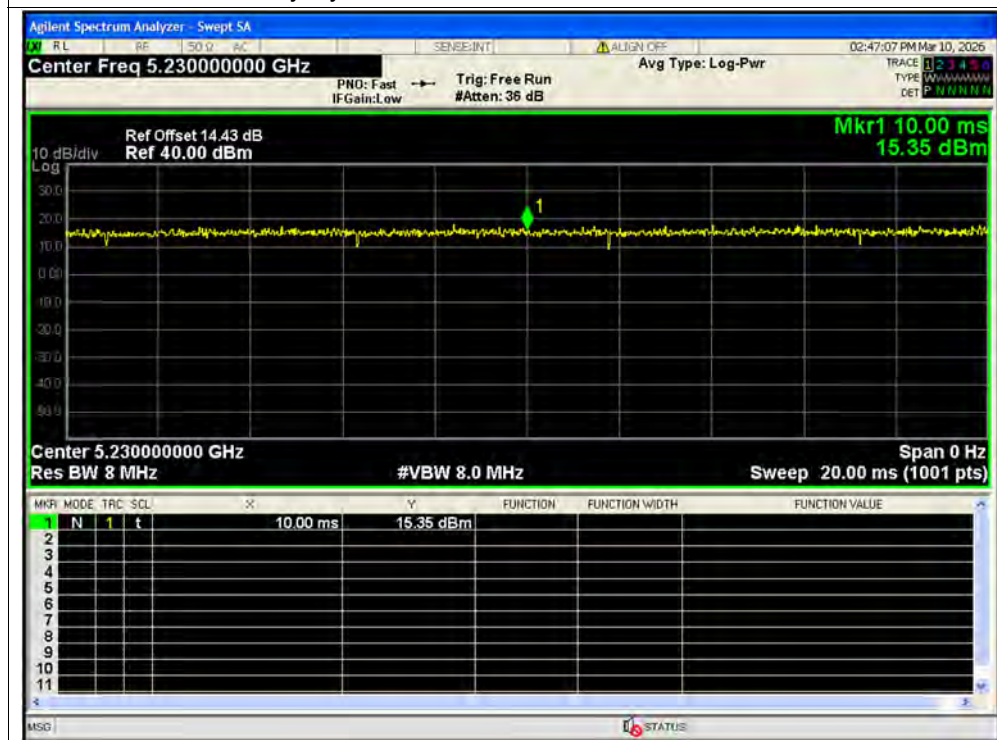
Duty Cycle NVNT ac40 5755MHz Ant1 SISO



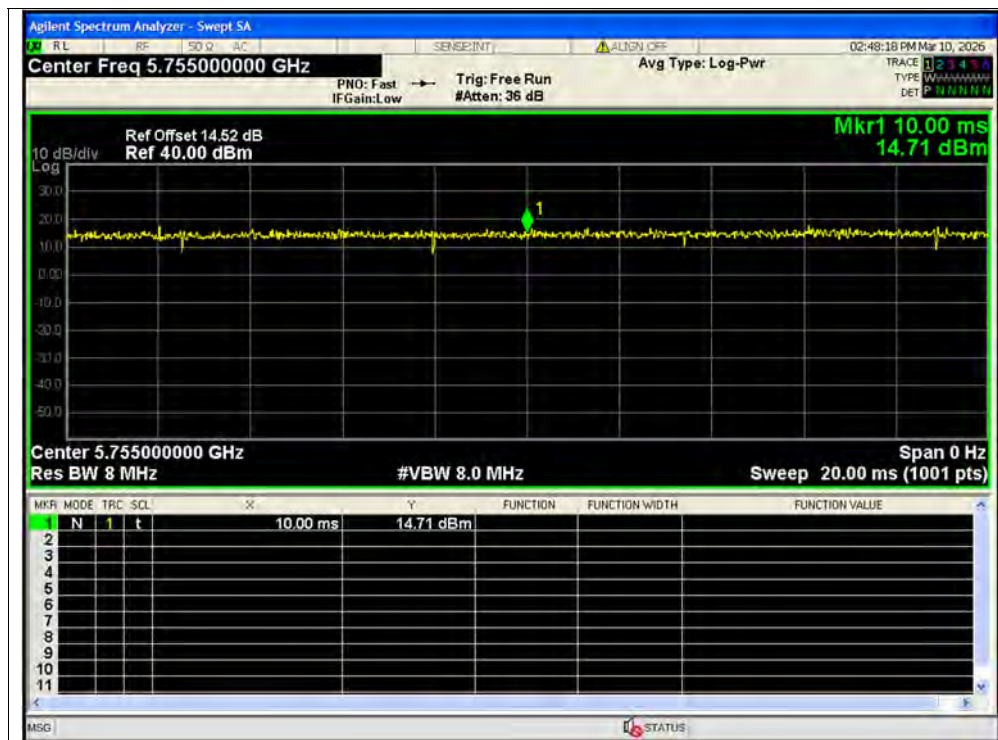
Duty Cycle NVNT ac40 5795MHz Ant1 SISO



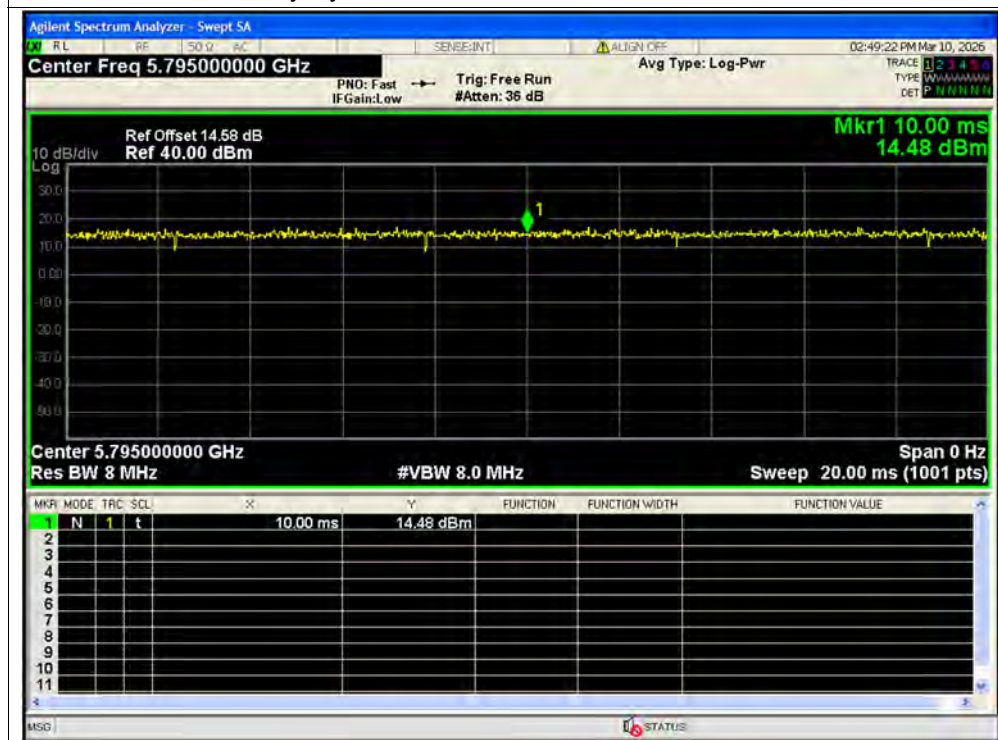
Duty Cycle NVNT ac40 5190MHz Ant2 SISO



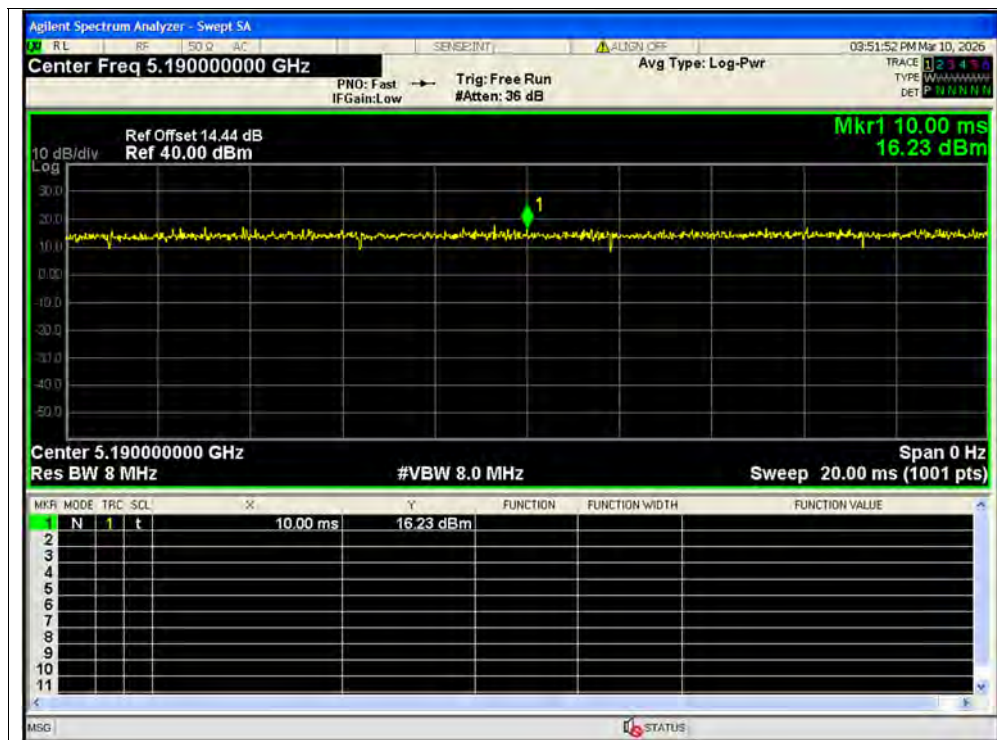
Duty Cycle NVNT ac40 5230MHz Ant2 SISO



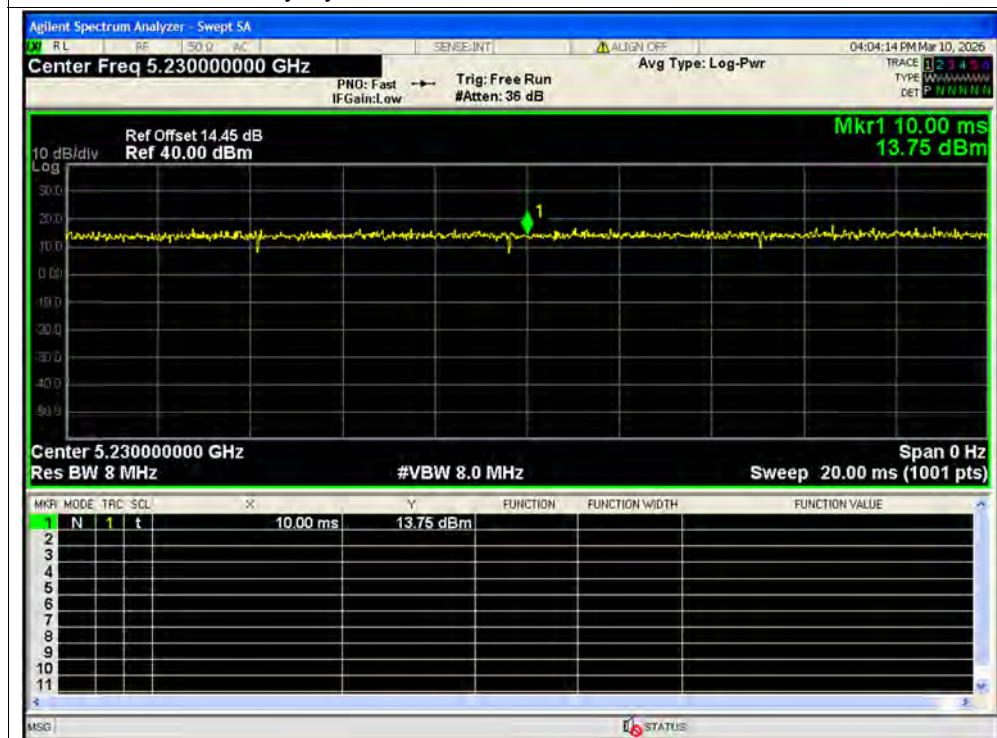
Duty Cycle NVNT ac40 5755MHz Ant2 SISO



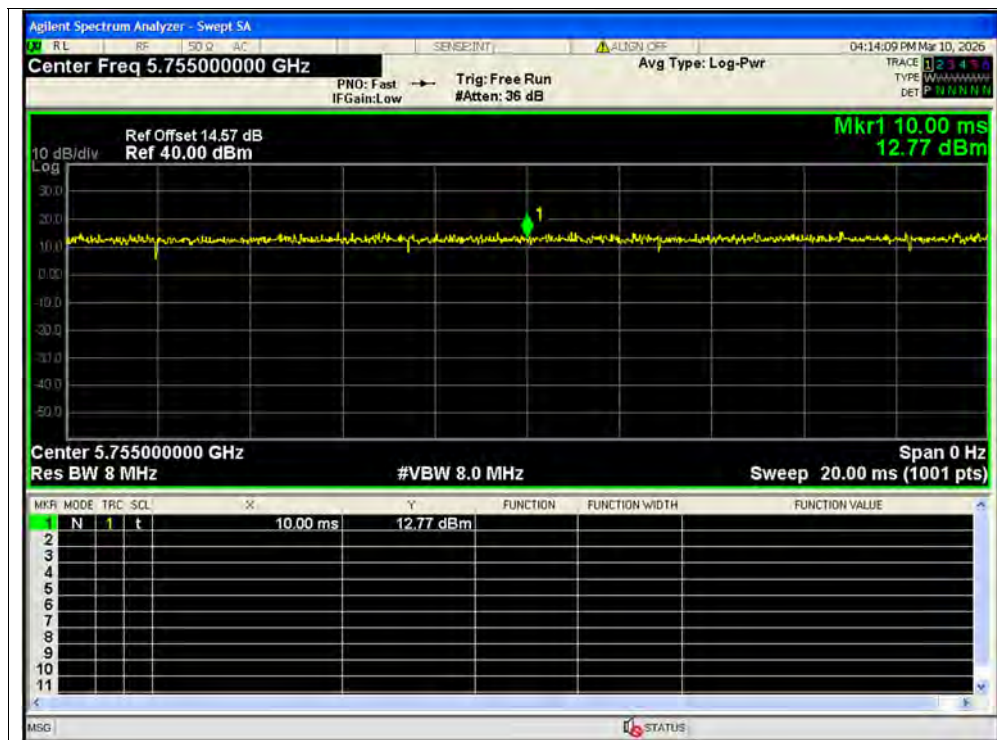
Duty Cycle NVNT ac40 5795MHz Ant2 SISO



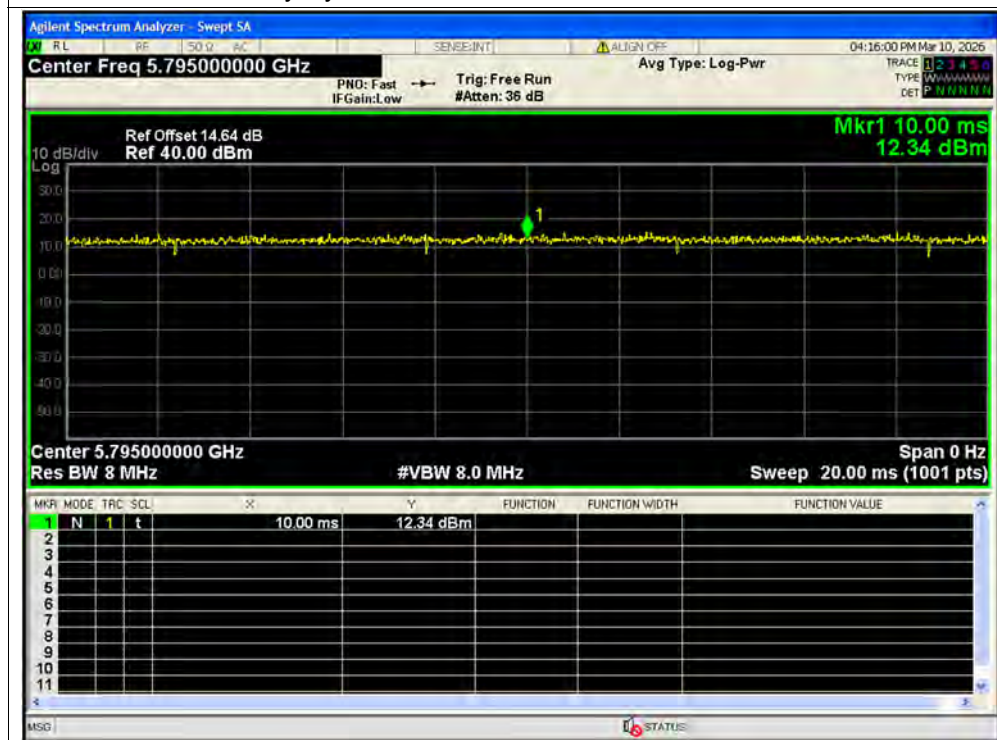
Duty Cycle NVNT ac40 5190MHz Sum MIMO



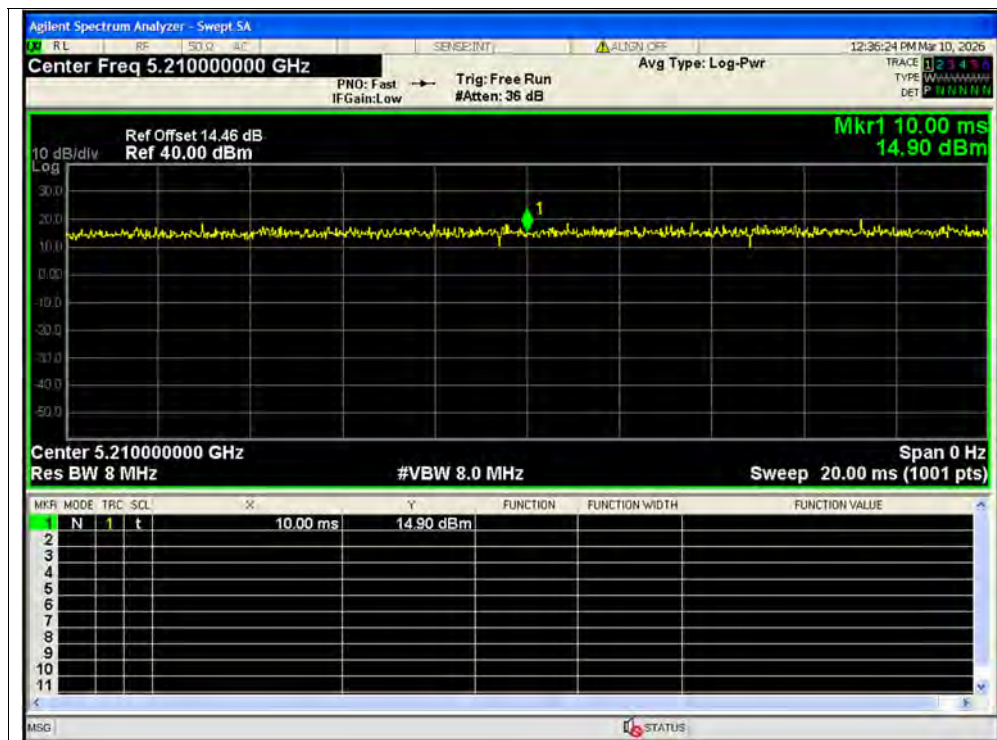
Duty Cycle NVNT ac40 5230MHz Sum MIMO



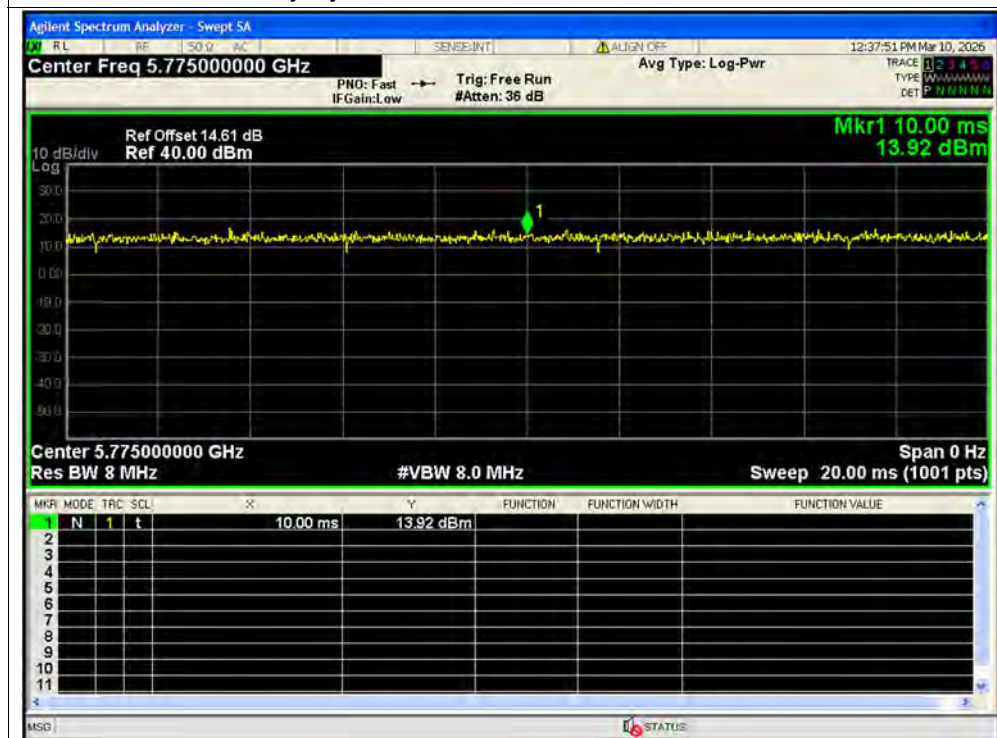
Duty Cycle NVNT ac40 5755MHz Sum MIMO



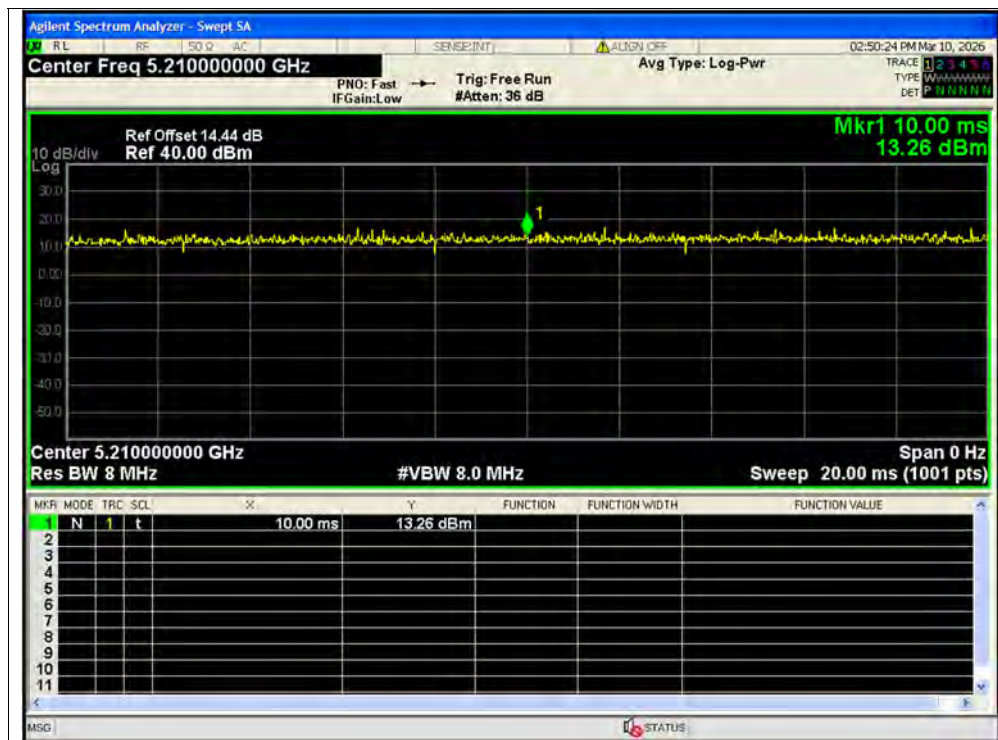
Duty Cycle NVNT ac40 5795MHz Sum MIMO



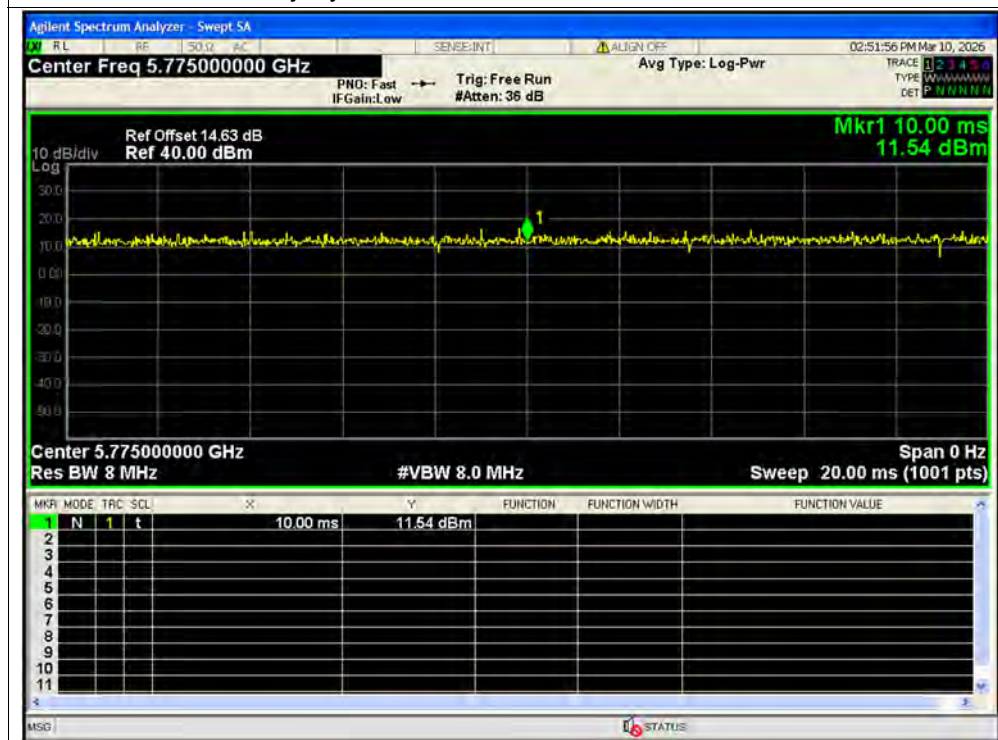
Duty Cycle NVNT ac80 5210MHz Ant1 SISO



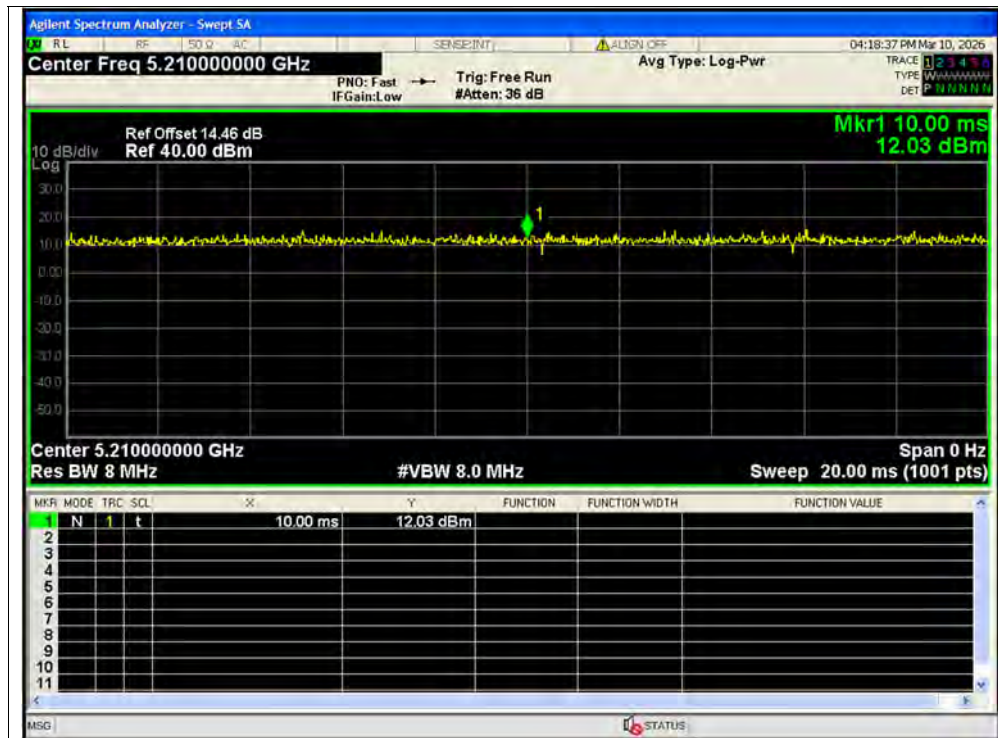
Duty Cycle NVNT ac80 5775MHz Ant1 SISO



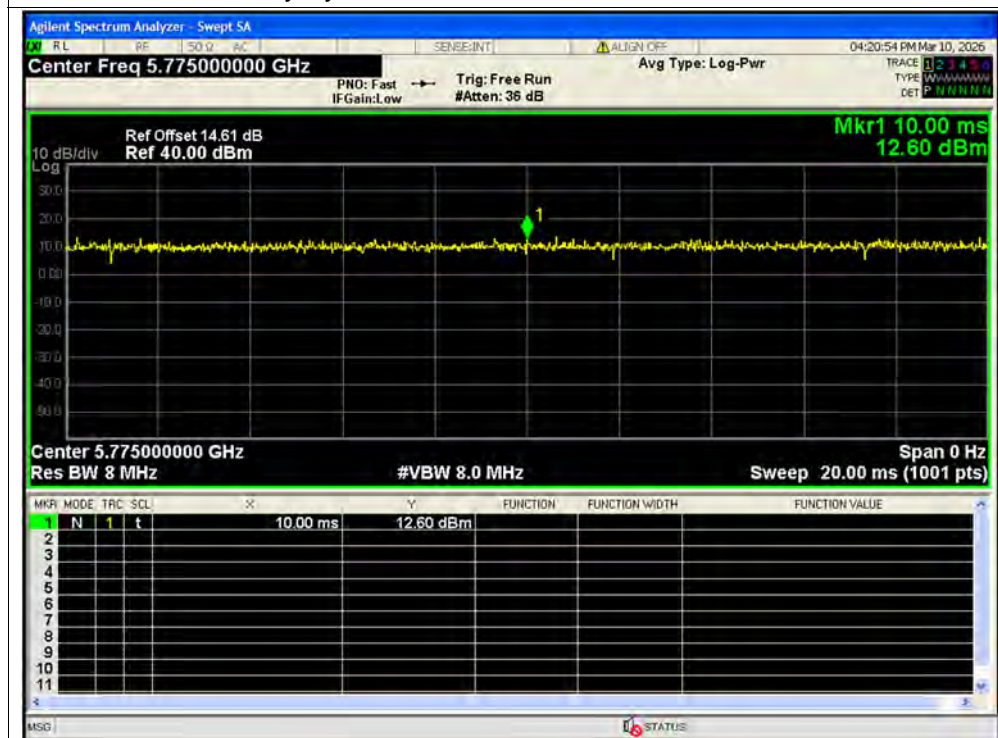
Duty Cycle NVNT ac80 5210MHz Ant2 SISO



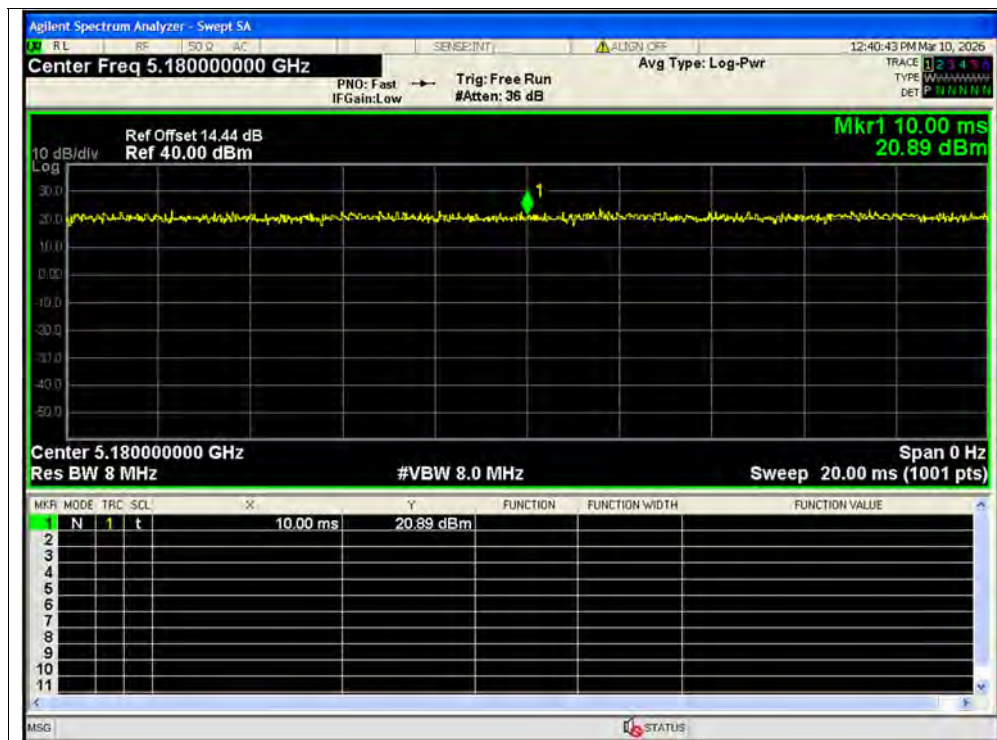
Duty Cycle NVNT ac80 5775MHz Ant2 SISO



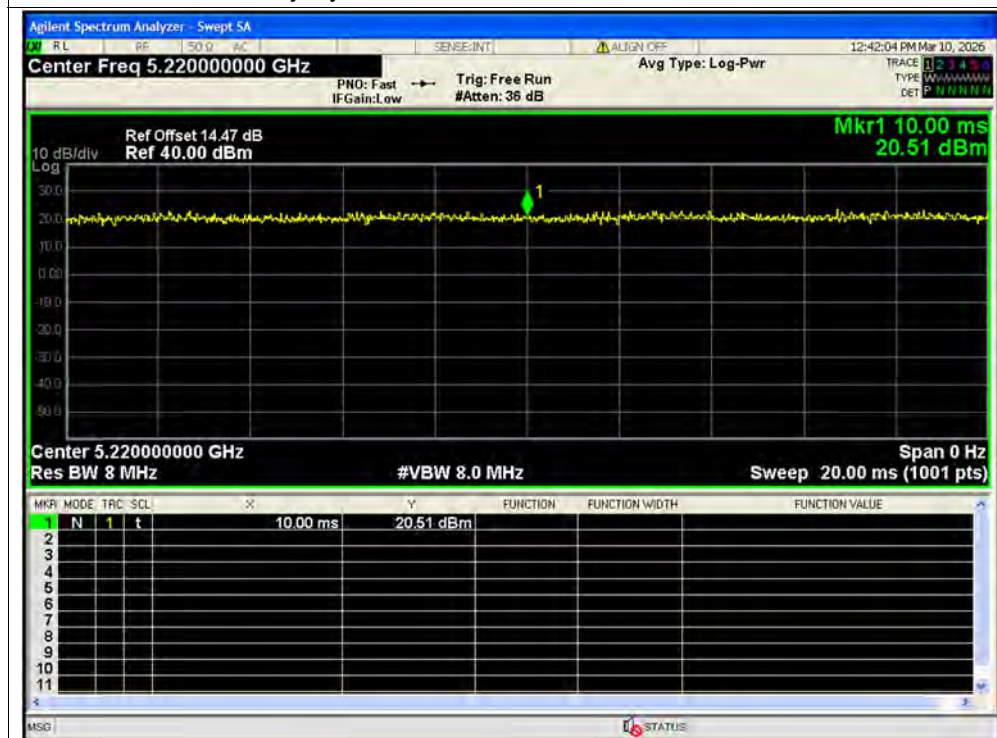
Duty Cycle NVNT ac80 5210MHz Sum MIMO



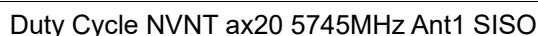
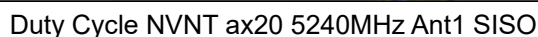
Duty Cycle NVNT ac80 5775MHz Sum MIMO

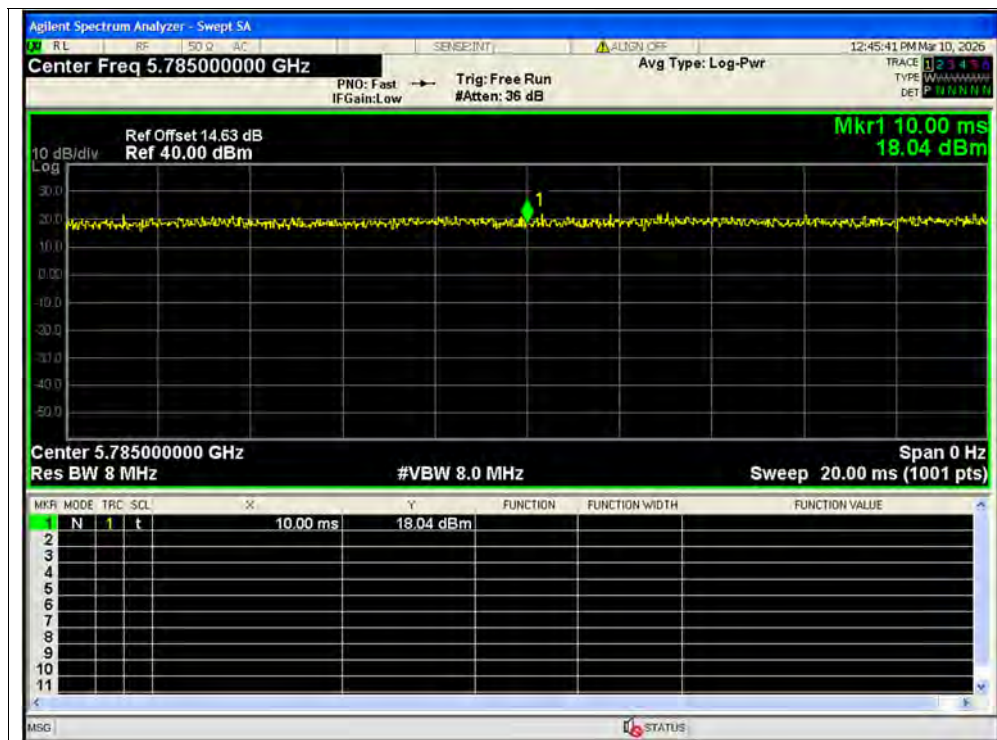


Duty Cycle NVNT ax20 5180MHz Ant1 SISO

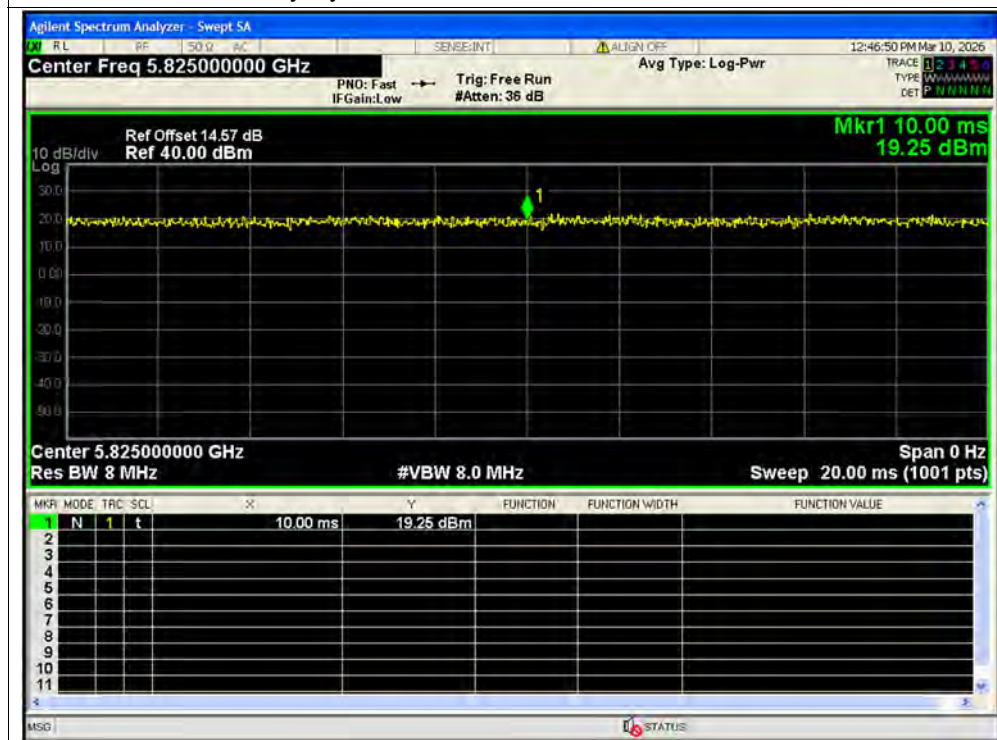


Duty Cycle NVNT ax20 5220MHz Ant1 SISO

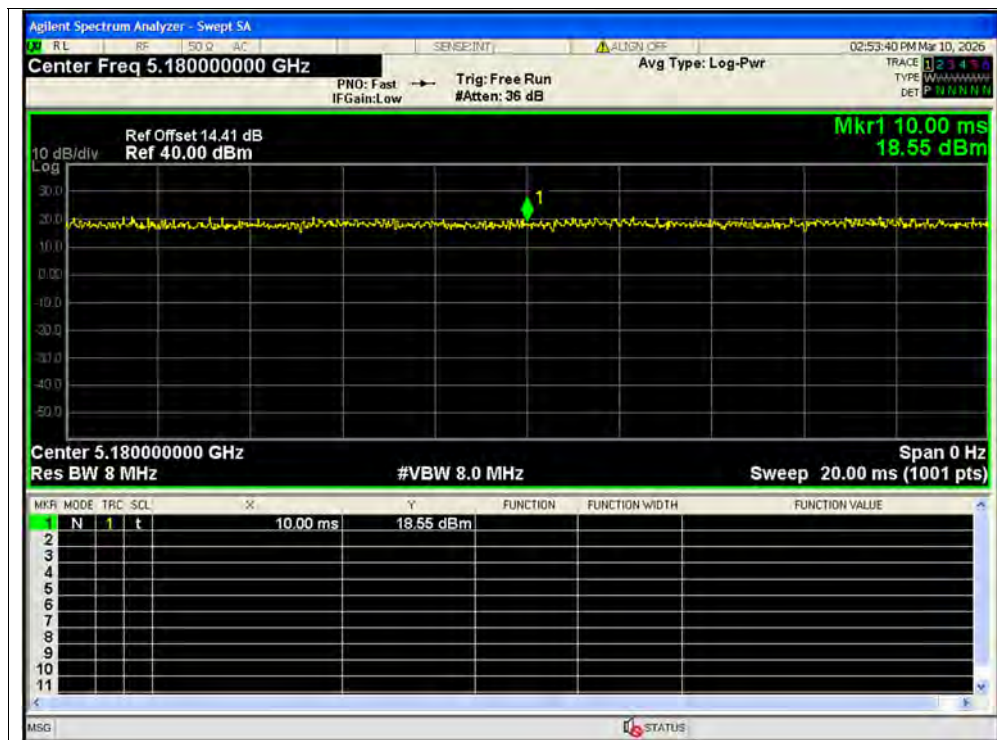




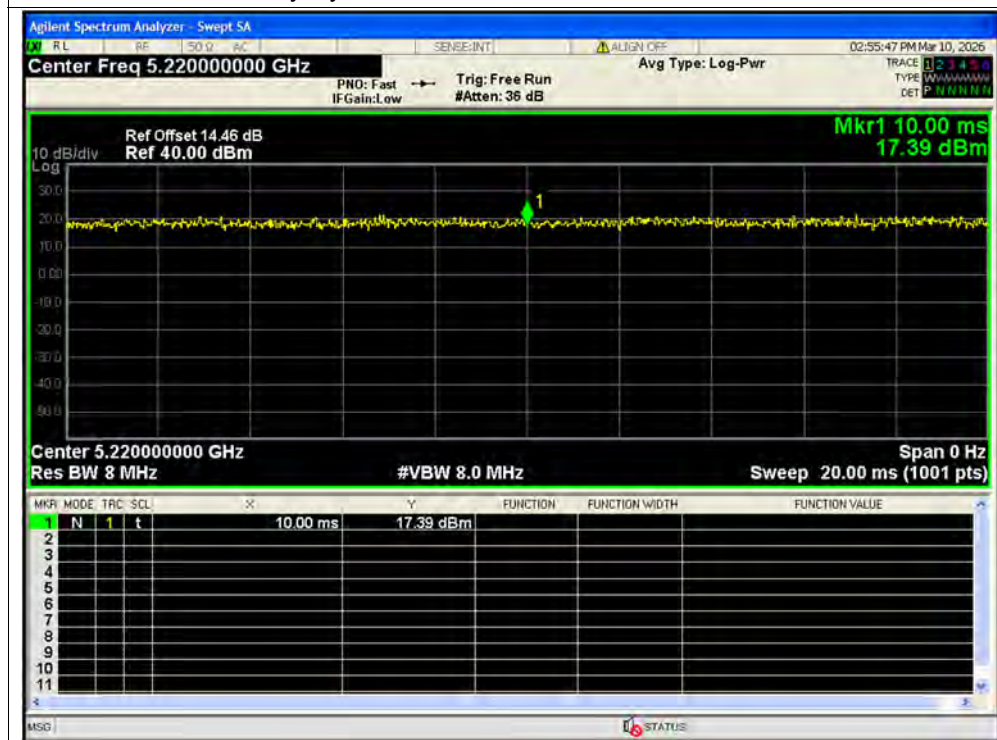
Duty Cycle NVNT ax20 5785MHz Ant1 SISO



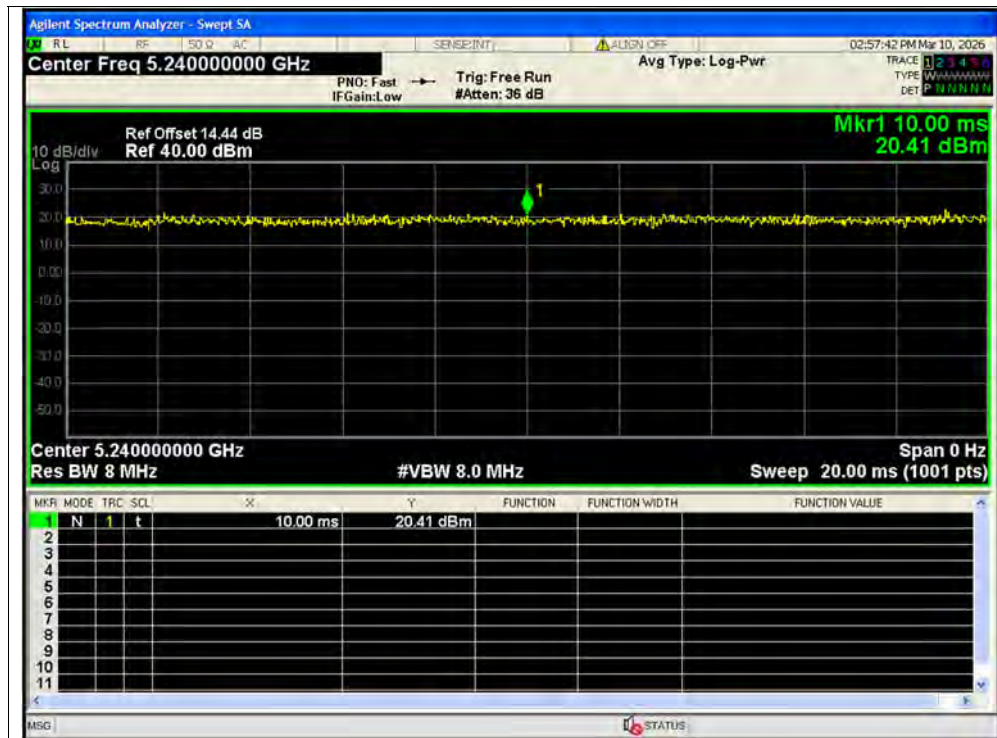
Duty Cycle NVNT ax20 5825MHz Ant1 SISO



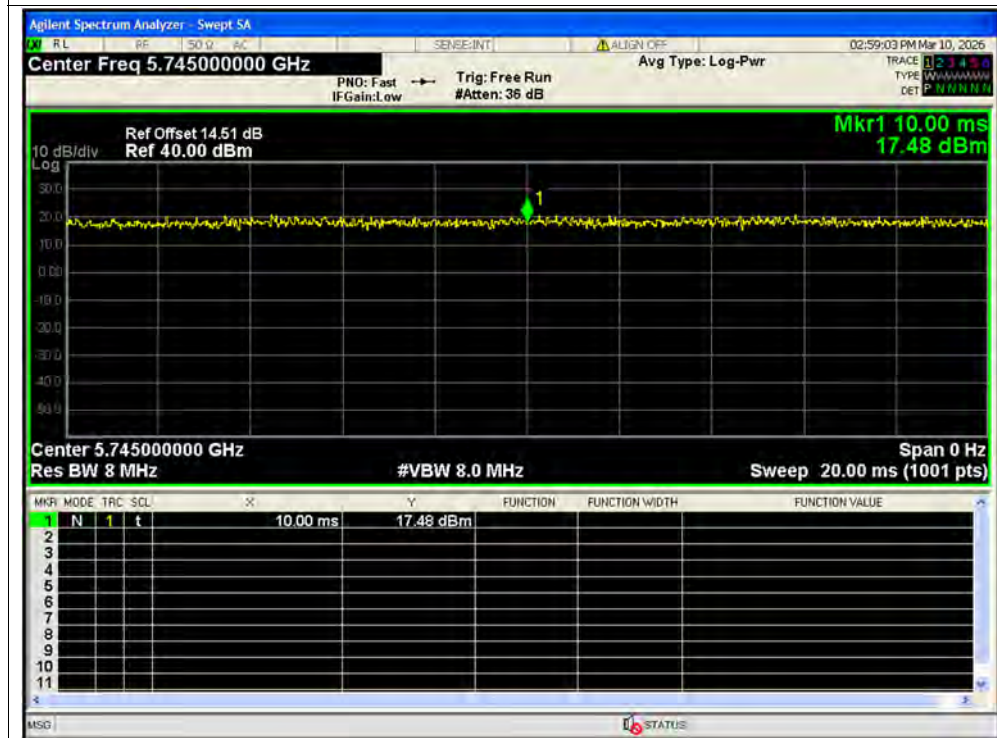
Duty Cycle NVNT ax20 5180MHz Ant2 SISO



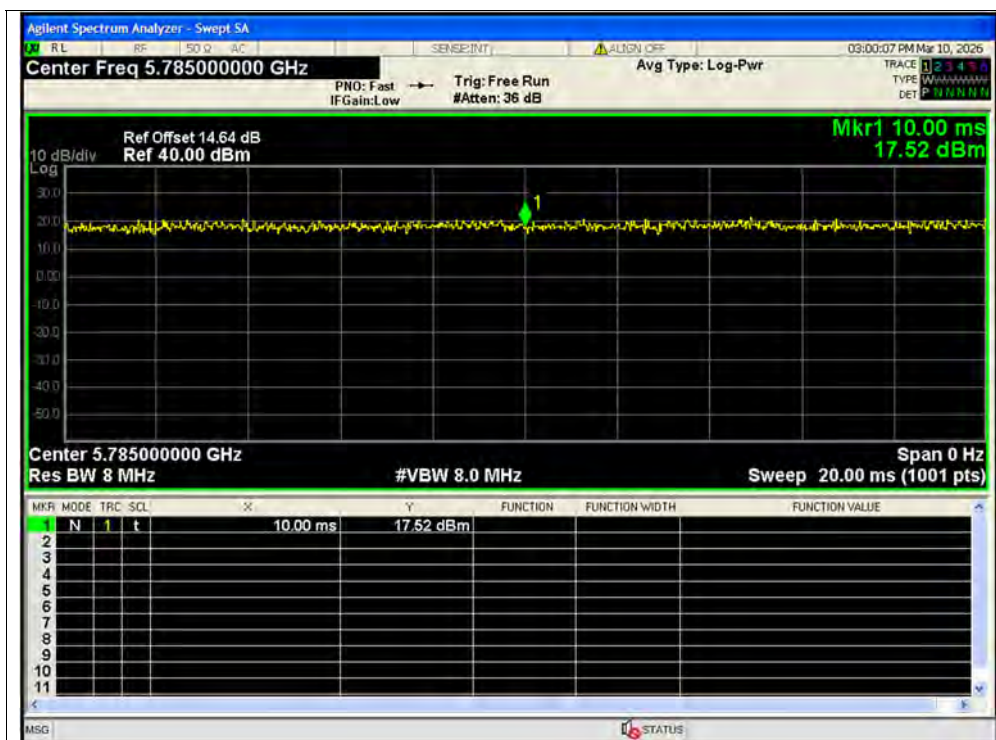
Duty Cycle NVNT ax20 5220MHz Ant2 SISO



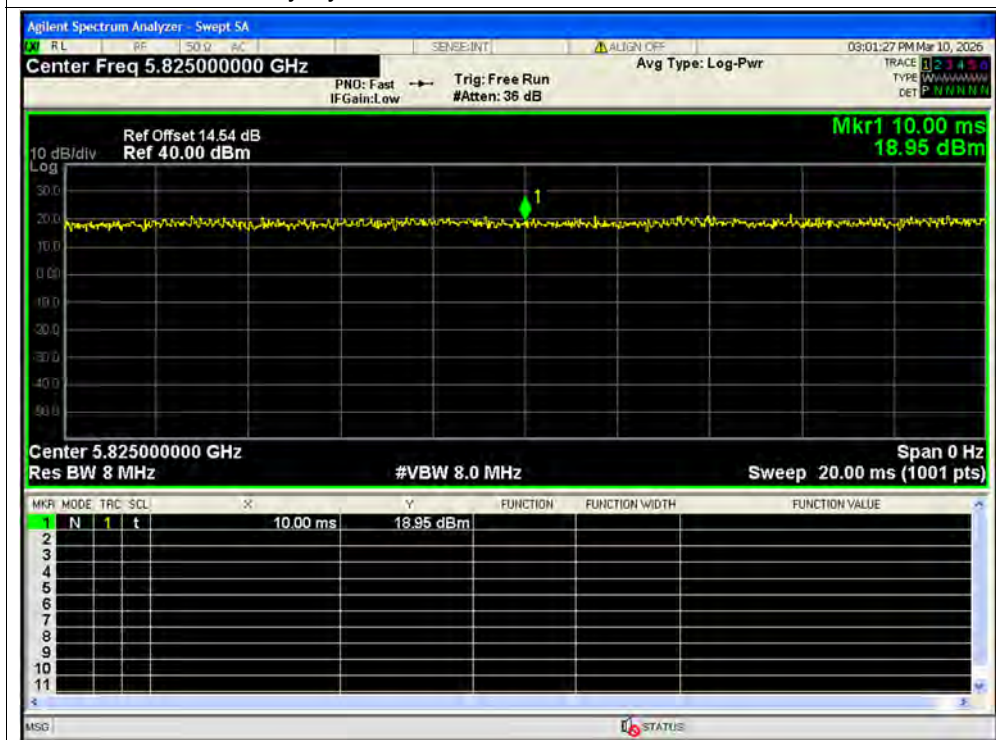
Duty Cycle NVNT ax20 5240MHz Ant2 SISO



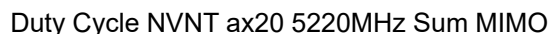
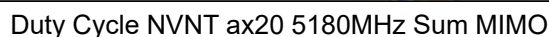
Duty Cycle NVNT ax20 5745MHz Ant2 SISO

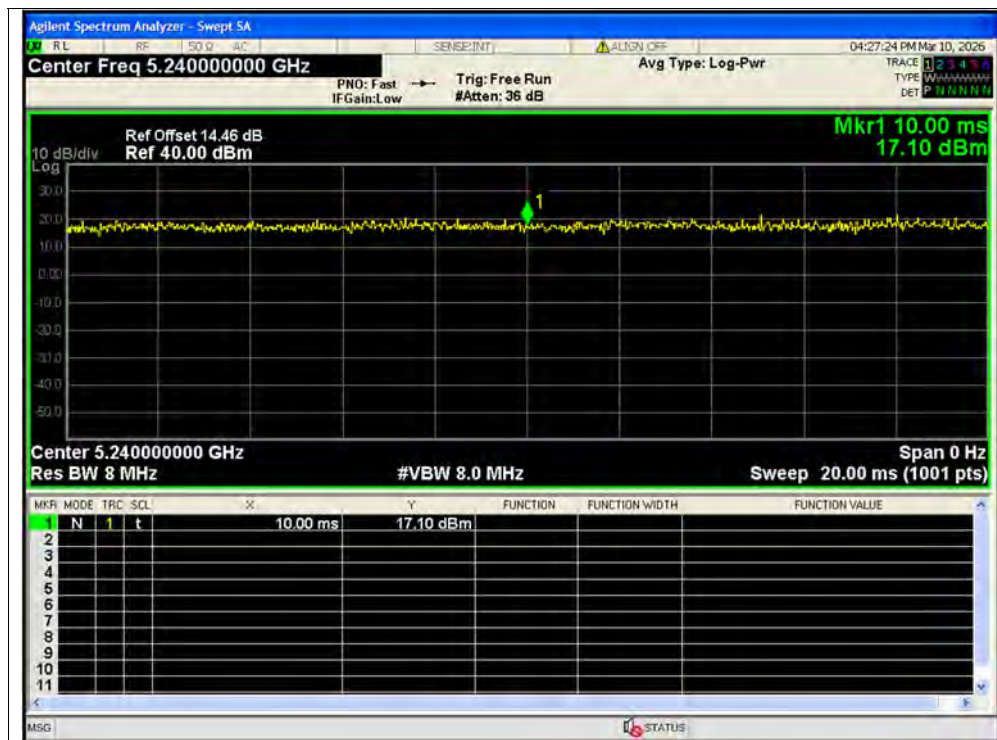


Duty Cycle NVNT ax20 5785MHz Ant2 SISO

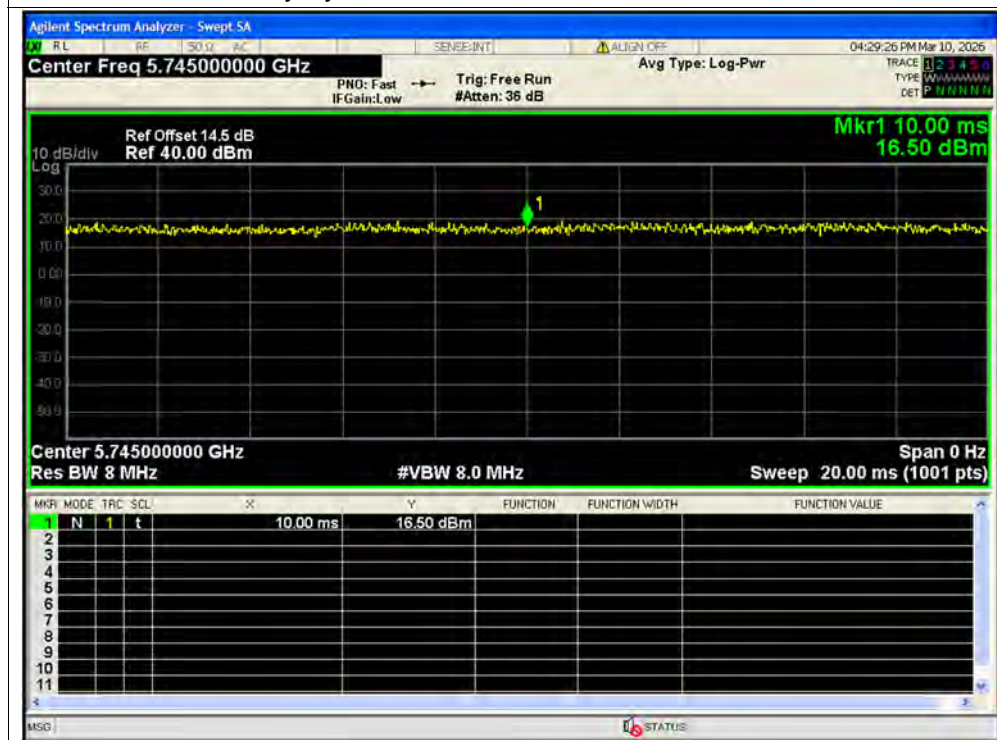


Duty Cycle NVNT ax20 5825MHz Ant2 SISO

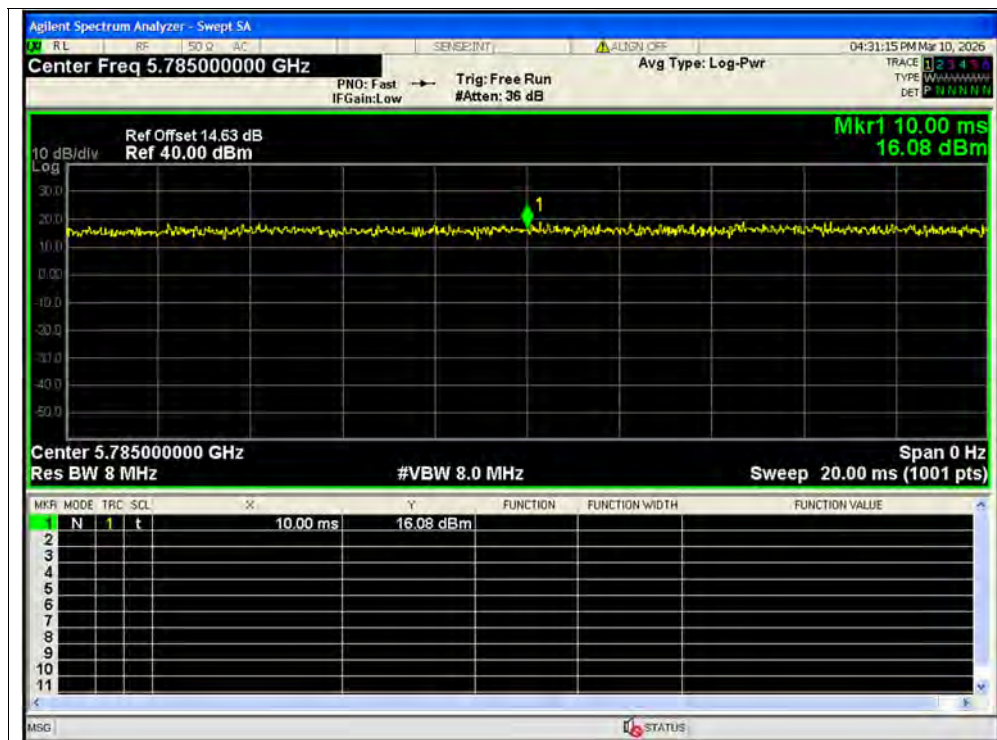




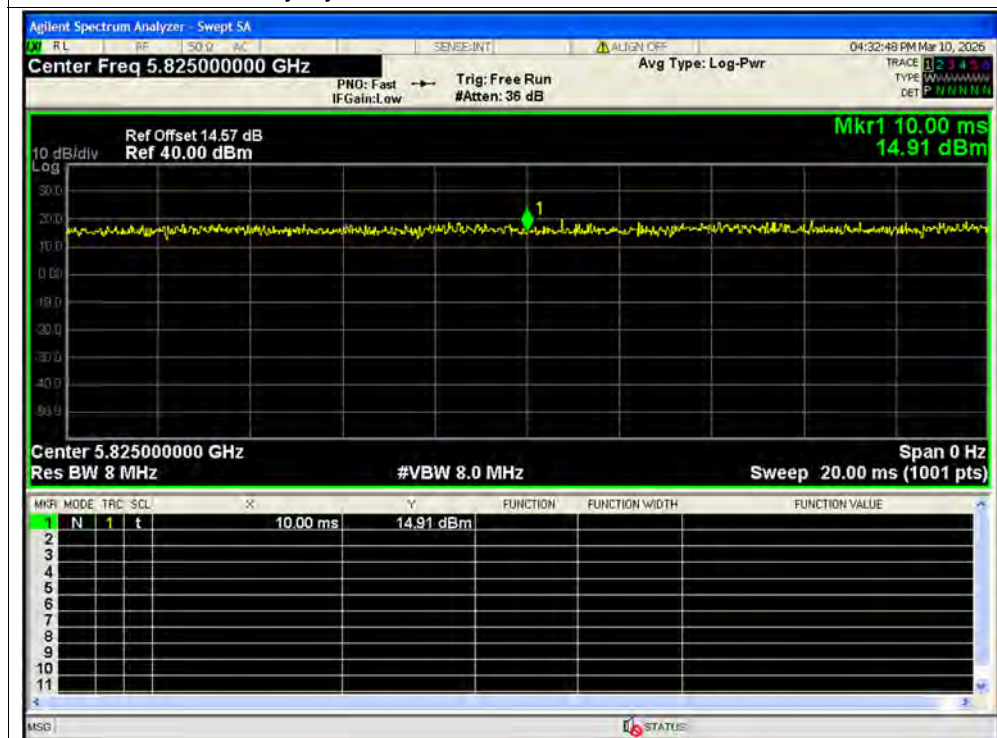
Duty Cycle NVNT ax20 5240MHz Sum MIMO



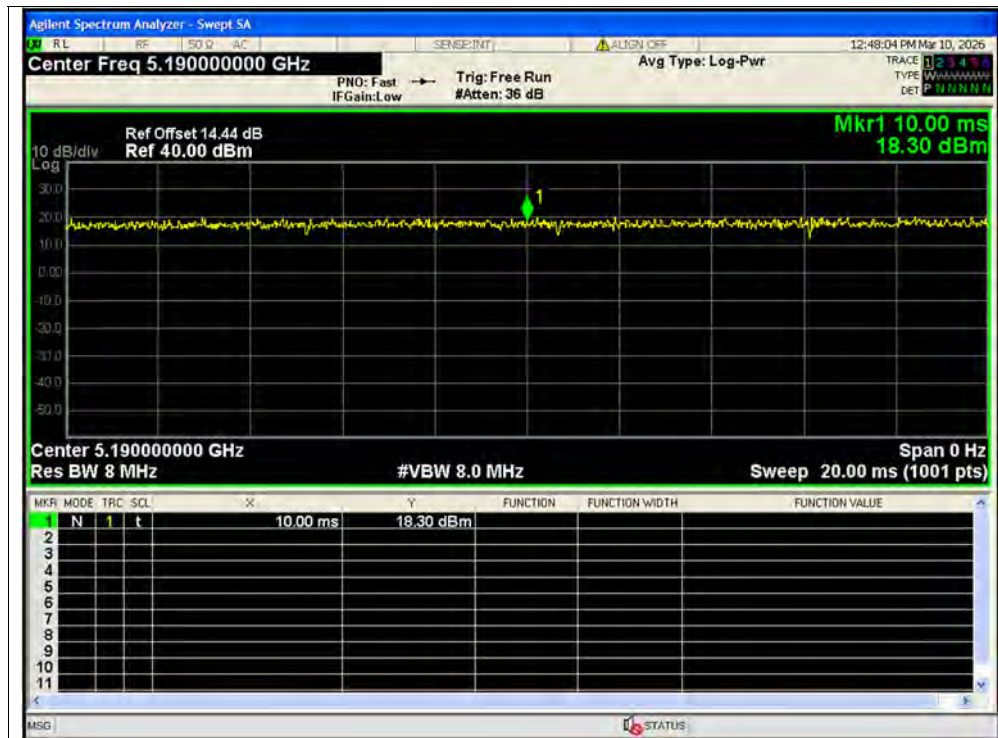
Duty Cycle NVNT ax20 5745MHz Sum MIMO



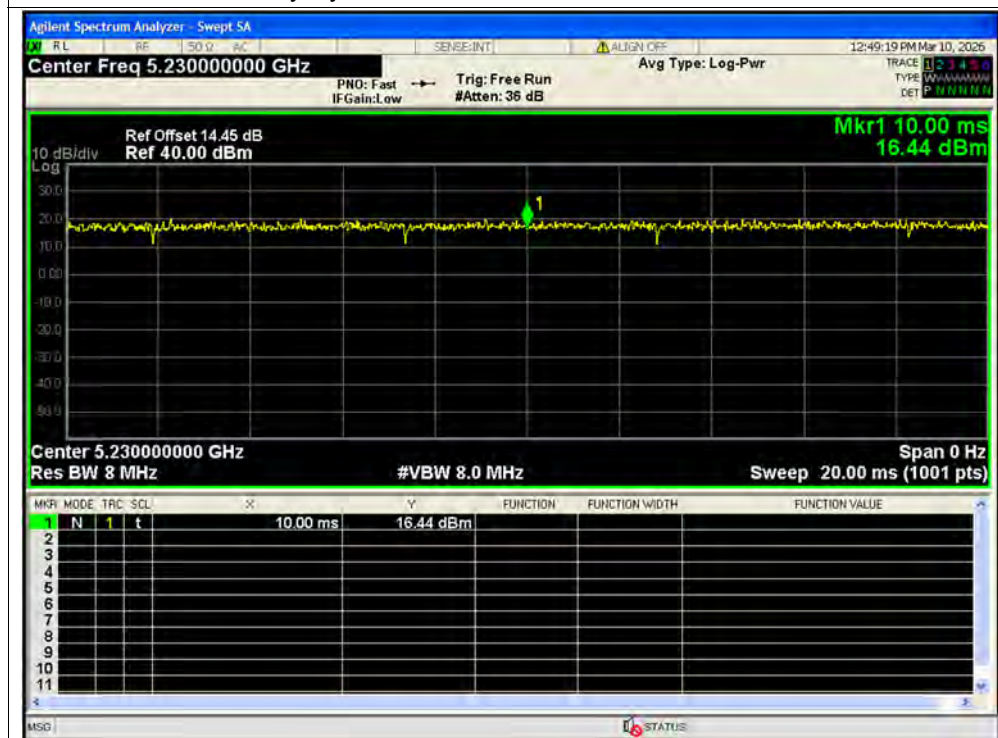
Duty Cycle NVNT ax20 5785MHz Sum MIMO



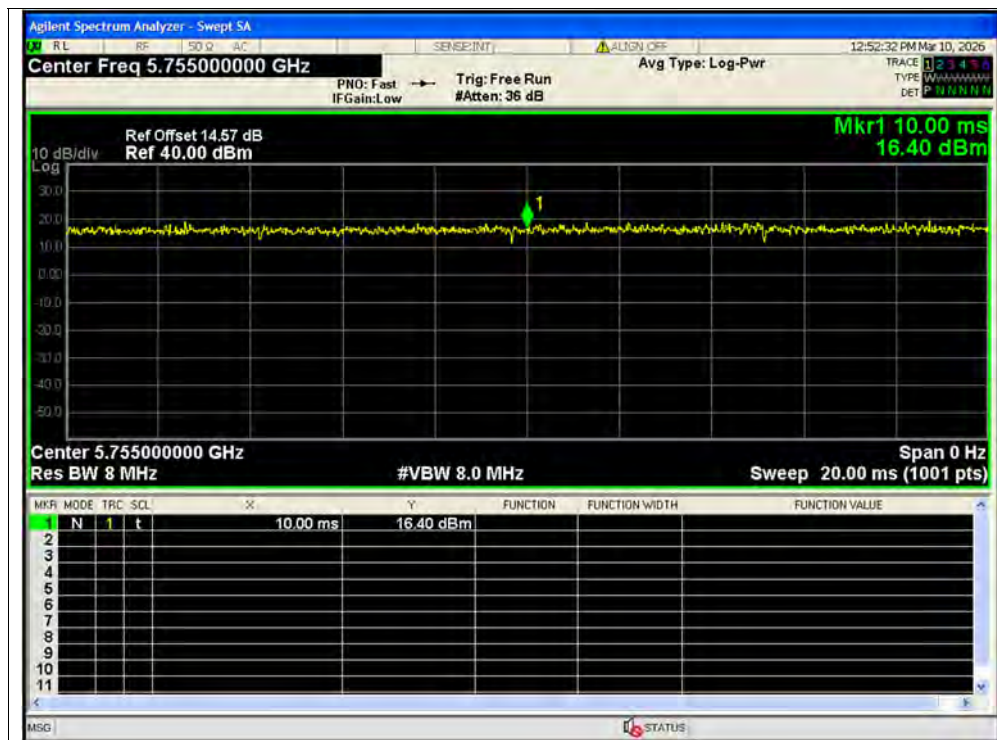
Duty Cycle NVNT ax20 5825MHz Sum MIMO



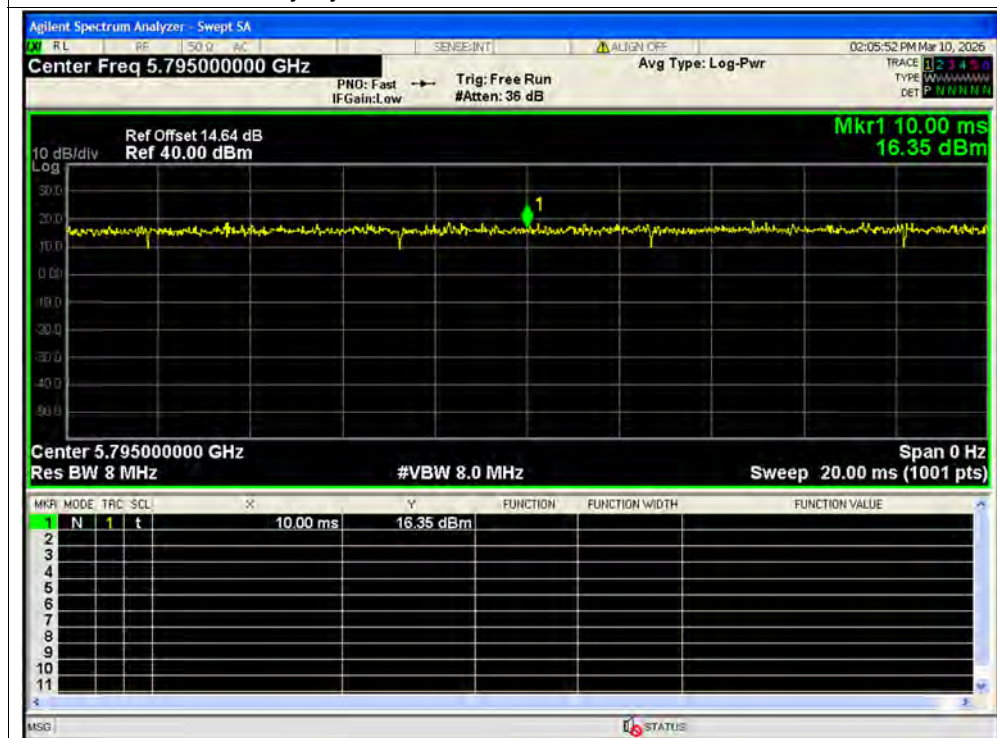
Duty Cycle NVNT ax40 5190MHz Ant1 SISO



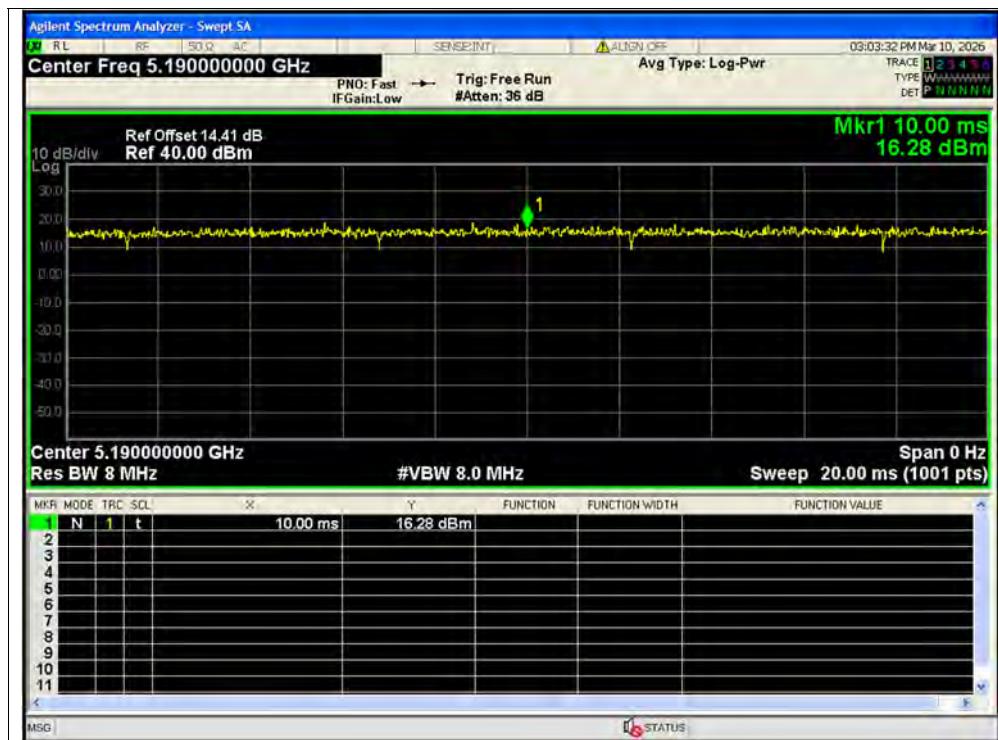
Duty Cycle NVNT ax40 5230MHz Ant1 SISO



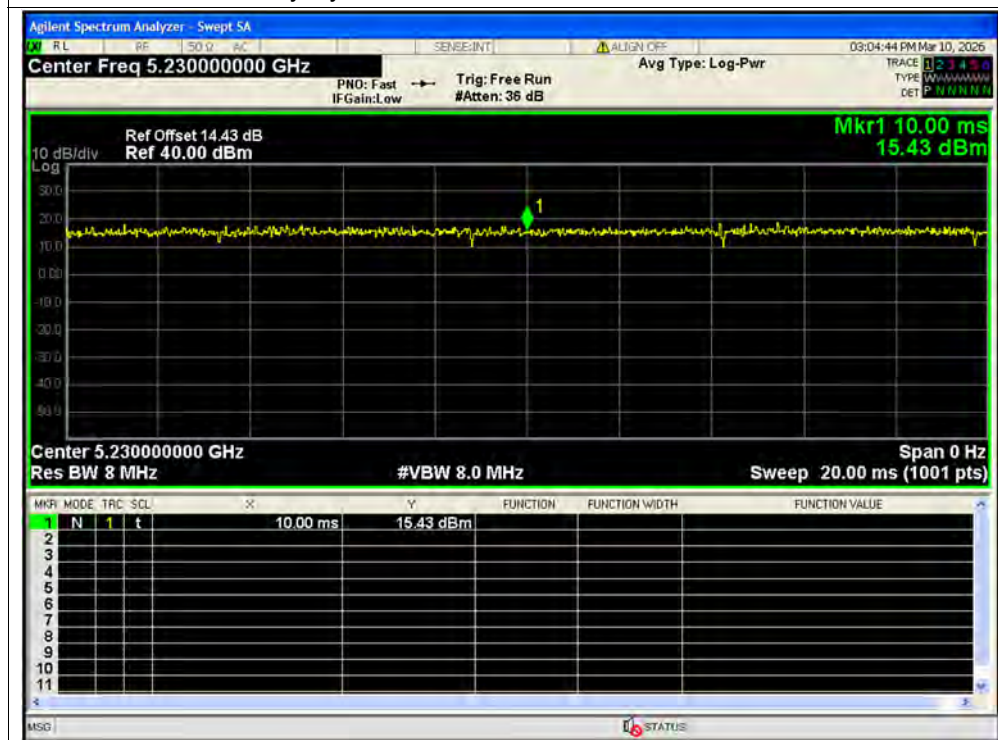
Duty Cycle NVNT ax40 5755MHz Ant1 SISO



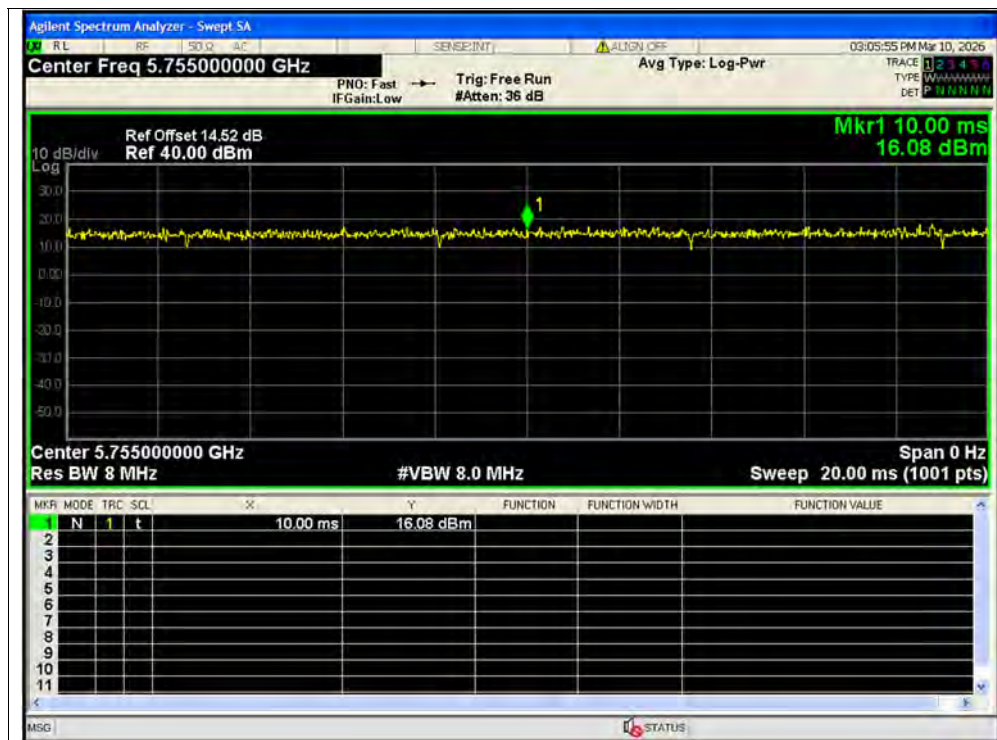
Duty Cycle NVNT ax40 5795MHz Ant1 SISO



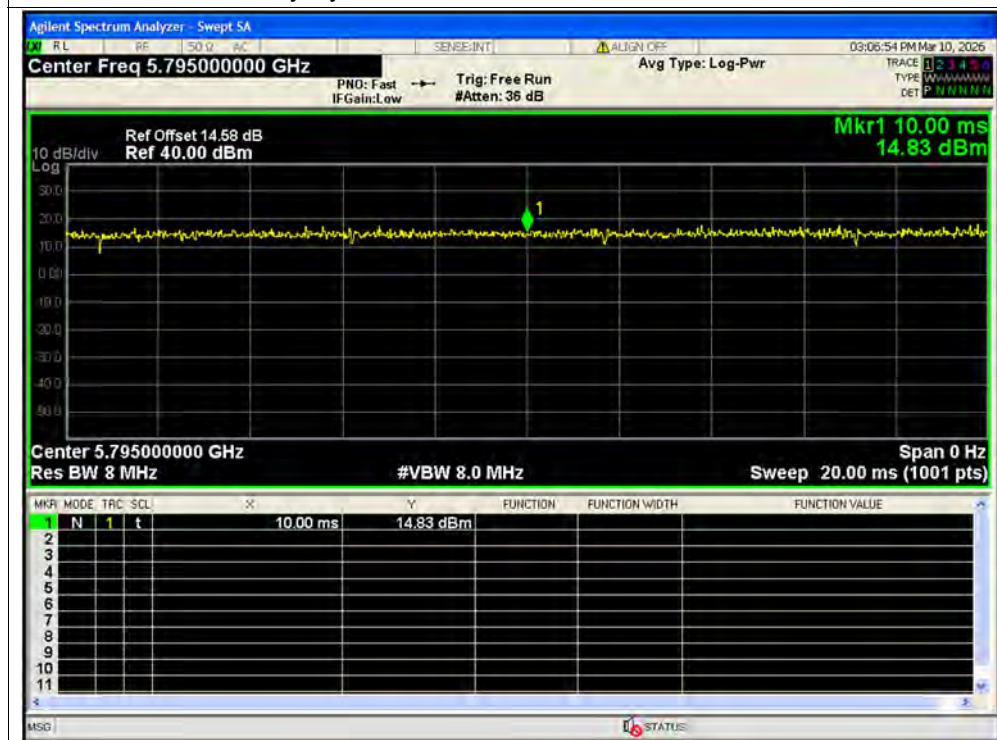
Duty Cycle NVNT ax40 5190MHz Ant2 SISO



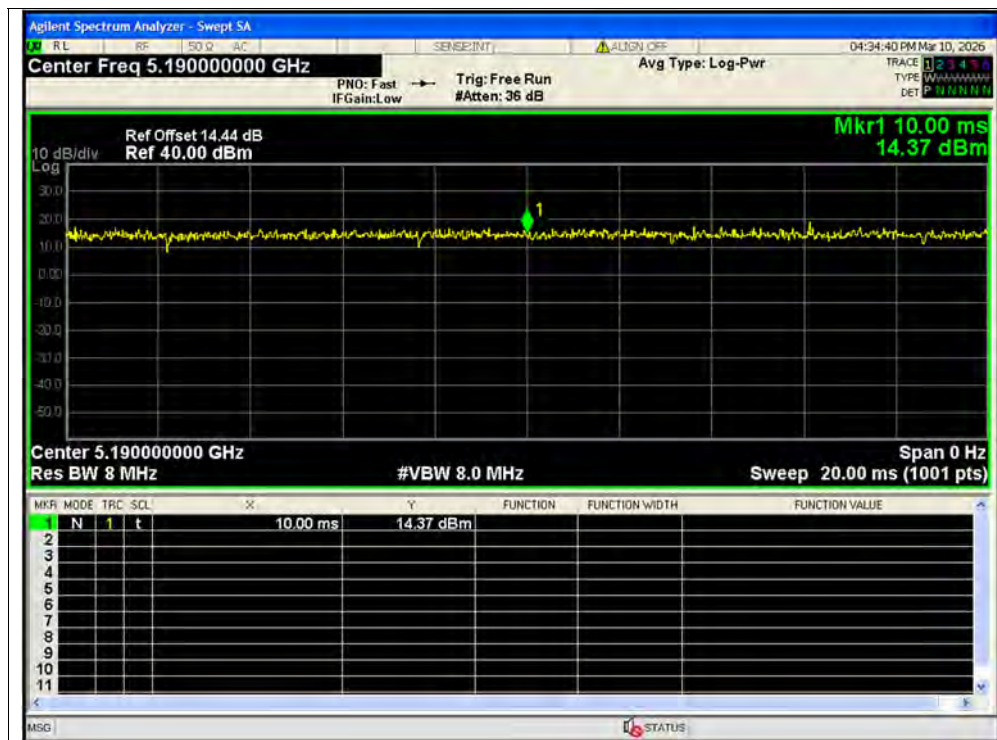
Duty Cycle NVNT ax40 5230MHz Ant2 SISO



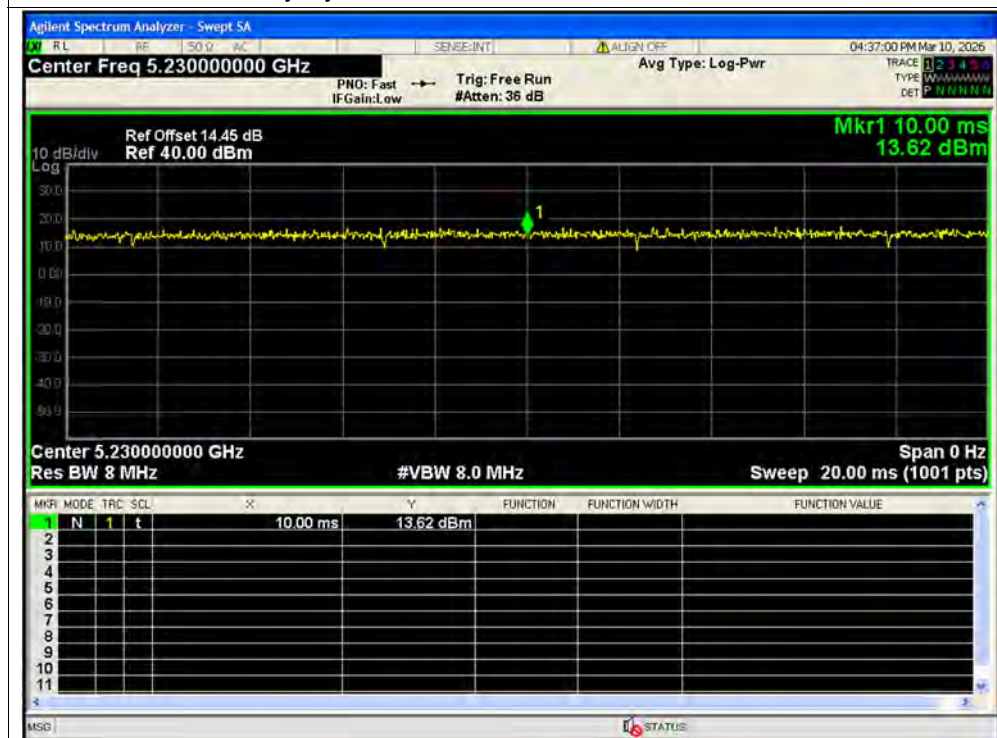
Duty Cycle NVNT ax40 5755MHz Ant2 SISO



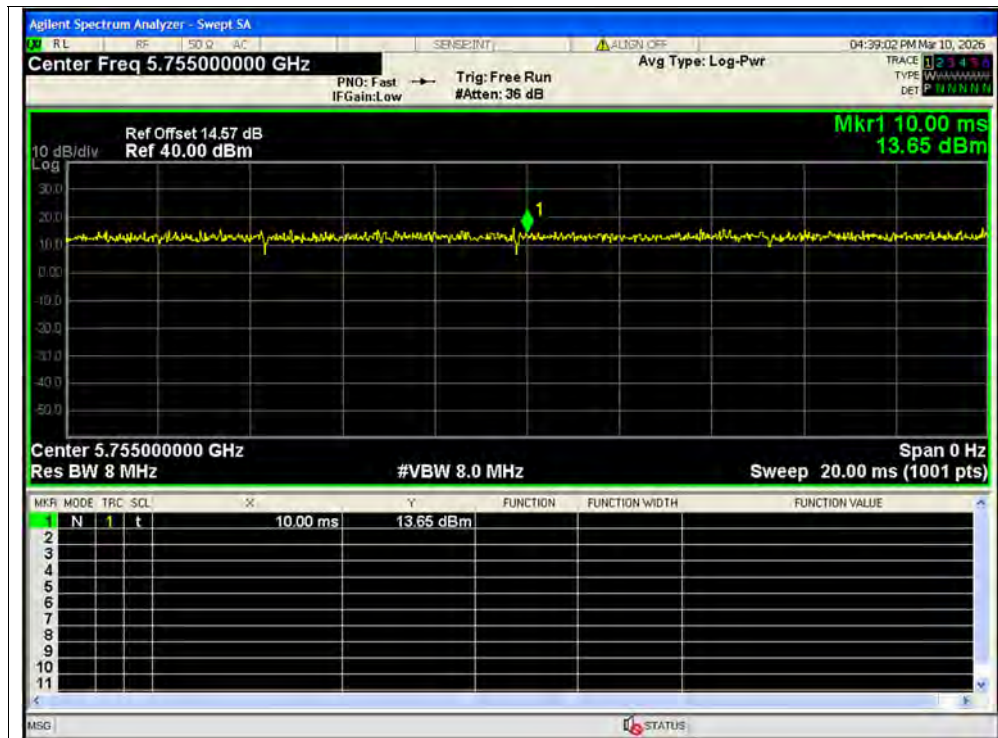
Duty Cycle NVNT ax40 5795MHz Ant2 SISO



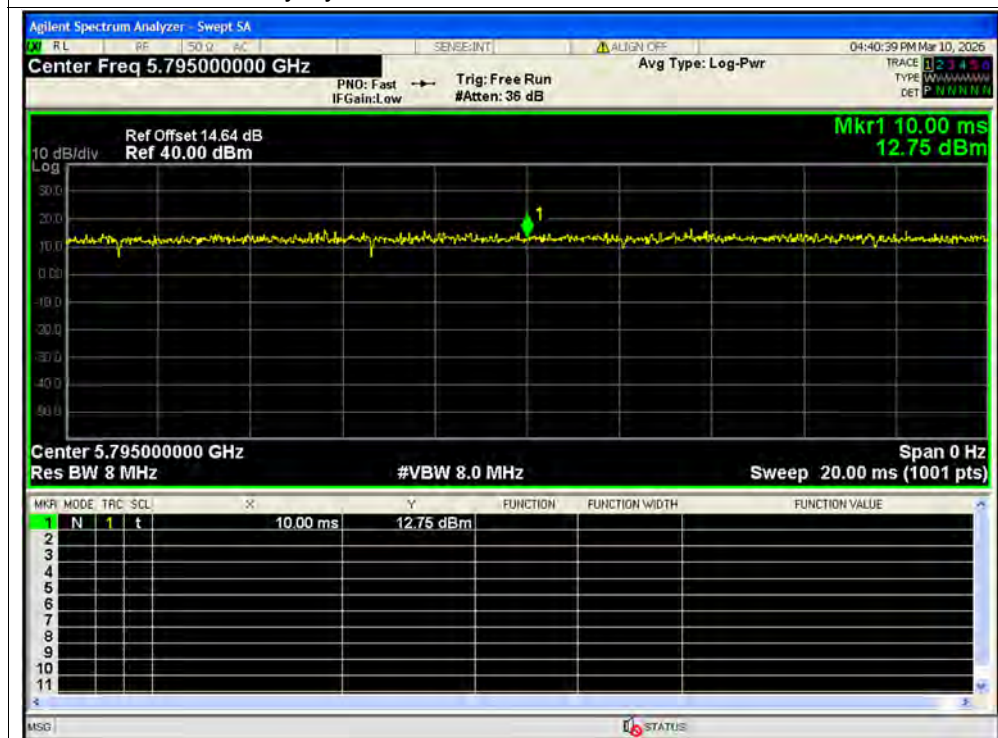
Duty Cycle NVNT ax40 5190MHz Sum MIMO



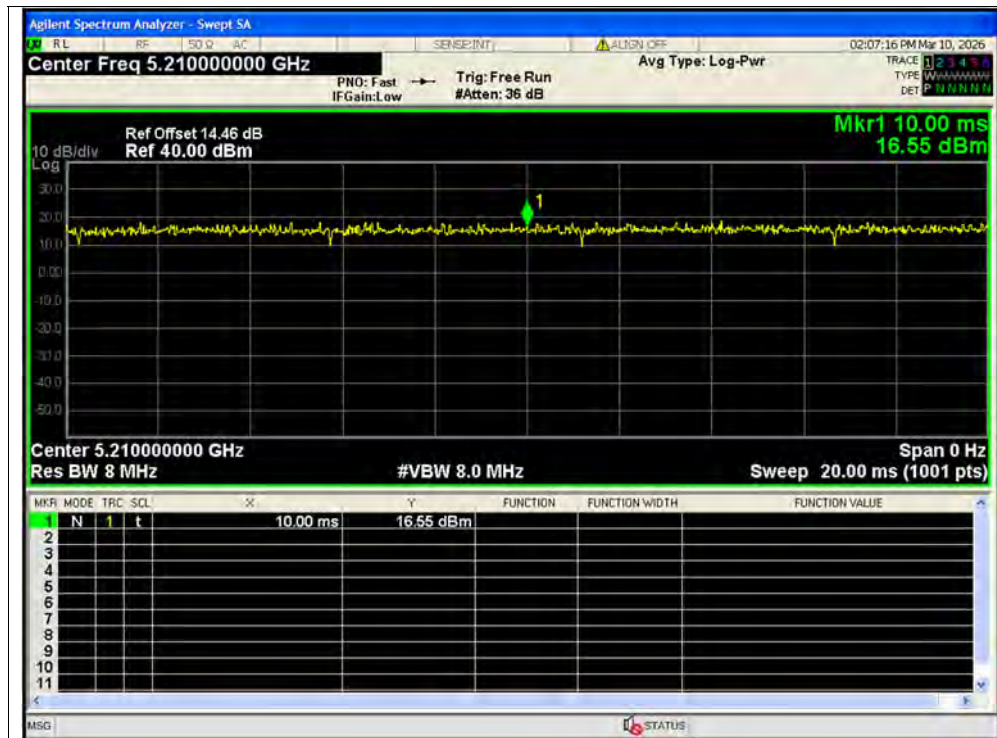
Duty Cycle NVNT ax40 5230MHz Sum MIMO



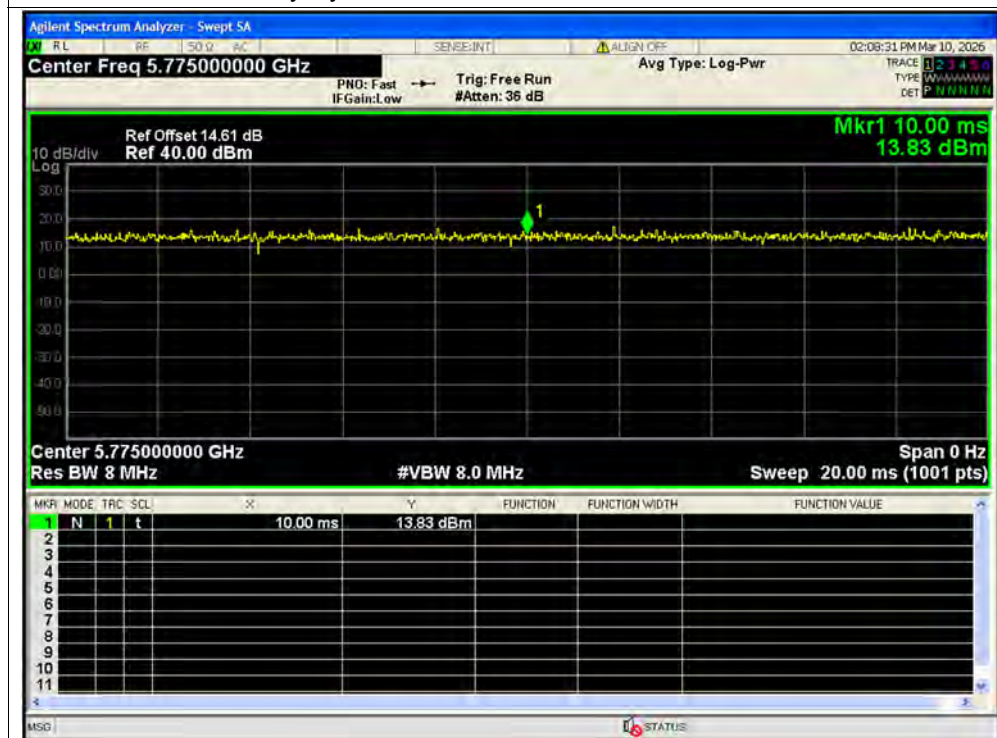
Duty Cycle NVNT ax40 5755MHz Sum MIMO



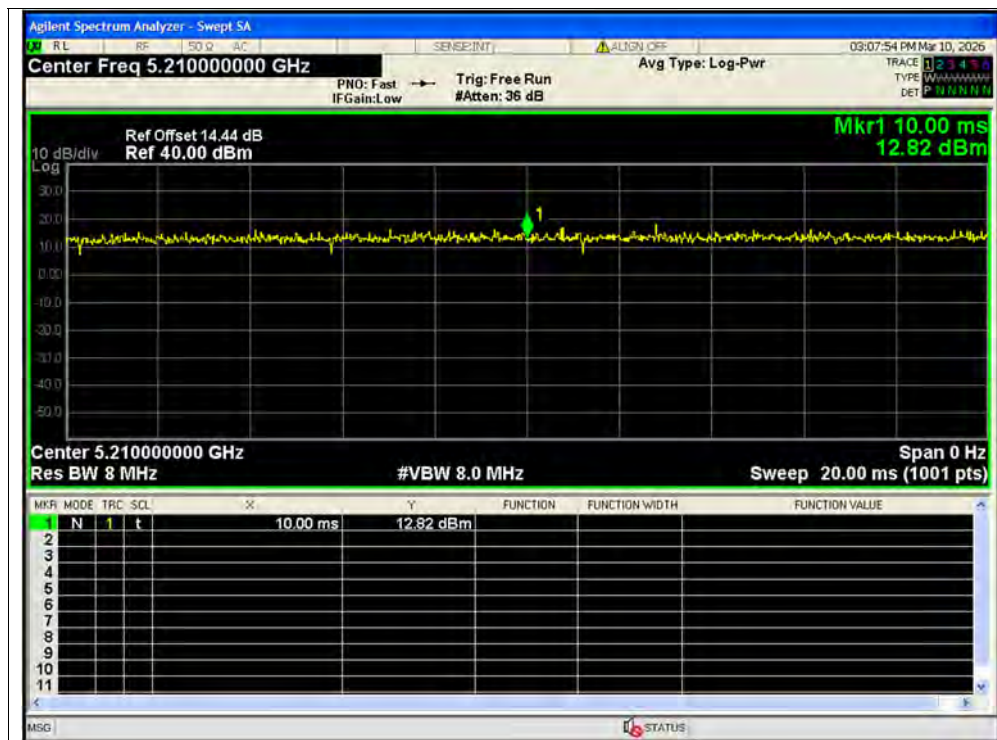
Duty Cycle NVNT ax40 5795MHz Sum MIMO



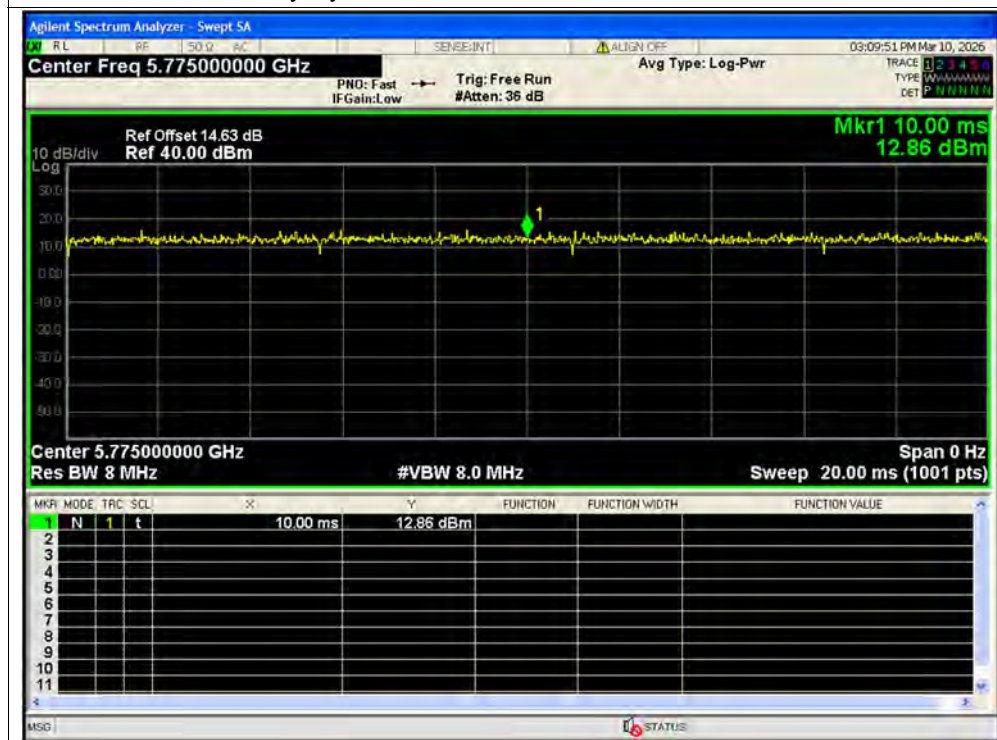
Duty Cycle NVNT ax80 5210MHz Ant1 SISO



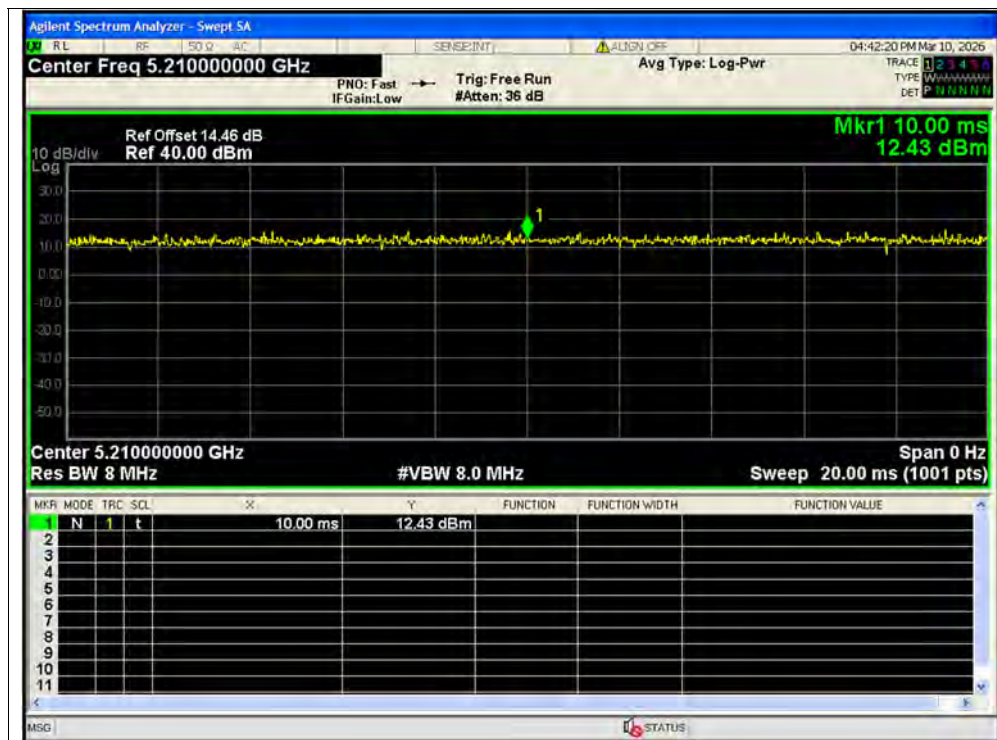
Duty Cycle NVNT ax80 5775MHz Ant1 SISO



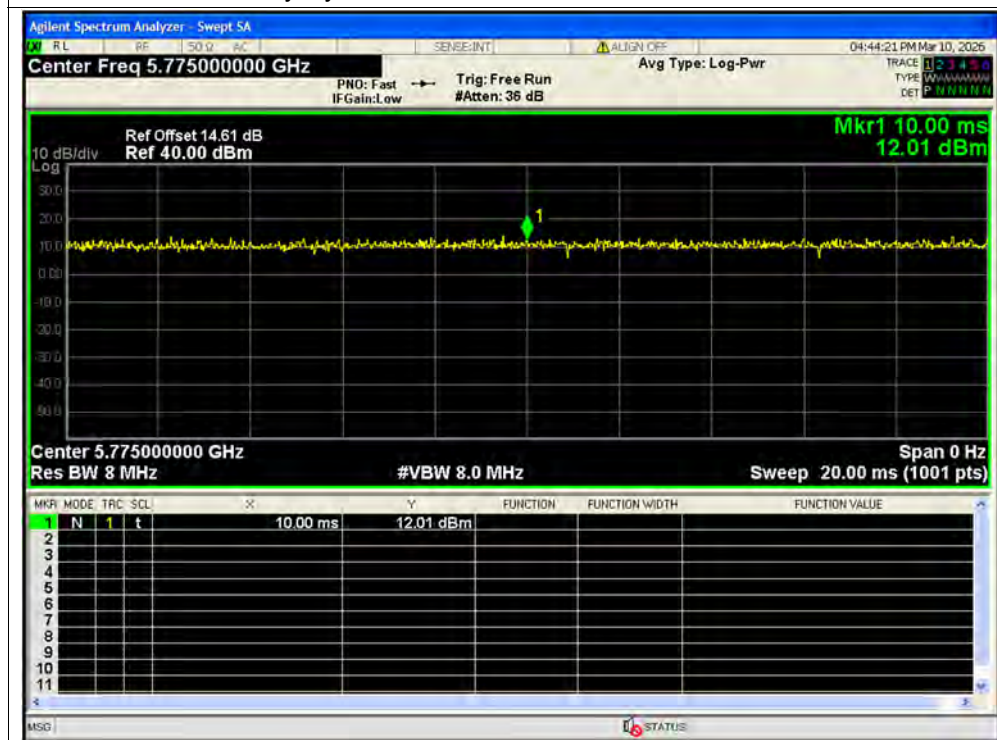
Duty Cycle NVNT ax80 5210MHz Ant2 SISO



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	15.93	0.03917	24	Pass
NVNT	a SISO	5220	Ant1	15.55	0.03589	24	Pass
NVNT	a SISO	5240	Ant1	14.96	0.03133	24	Pass
NVNT	a SISO	5745	Ant1	14.22	0.02642	30	Pass
NVNT	a SISO	5785	Ant1	13.51	0.02244	30	Pass
NVNT	a SISO	5825	Ant1	13.86	0.02432	30	Pass
NVNT	a SISO	5180	Ant2	13.1	0.02042	24	Pass
NVNT	a SISO	5220	Ant2	13.28	0.02128	24	Pass
NVNT	a SISO	5240	Ant2	13.45	0.02213	24	Pass
NVNT	a SISO	5745	Ant2	12.8	0.01905	30	Pass
NVNT	a SISO	5785	Ant2	12.83	0.01919	30	Pass
NVNT	a SISO	5825	Ant2	13.4	0.02188	30	Pass
NVNT	n20 SISO	5180	Ant1	15.67	0.0369	24	Pass
NVNT	n20 SISO	5220	Ant1	15.34	0.0342	24	Pass
NVNT	n20 SISO	5240	Ant1	14.8	0.0302	24	Pass
NVNT	n20 SISO	5745	Ant1	14.04	0.02535	30	Pass
NVNT	n20 SISO	5785	Ant1	13.36	0.02168	30	Pass
NVNT	n20 SISO	5825	Ant1	13.72	0.02355	30	Pass
NVNT	n20 SISO	5180	Ant2	13	0.01995	24	Pass
NVNT	n20 SISO	5220	Ant2	13.2	0.02089	24	Pass
NVNT	n20 SISO	5240	Ant2	13.37	0.02173	24	Pass
NVNT	n20 SISO	5745	Ant2	12.74	0.01879	30	Pass
NVNT	n20 SISO	5785	Ant2	12.75	0.01884	30	Pass
NVNT	n20 SISO	5825	Ant2	13.22	0.02099	30	Pass
NVNT	n20 MIMO	5180	Ant1	12.56	0.01803	24	Pass
NVNT	n20 MIMO	5180	Ant2	10	0.01	24	Pass
NVNT	n20 MIMO	5180	Sum	14.48	0.02803	23.22	Pass
NVNT	n20 MIMO	5220	Ant1	12.35	0.01718	24	Pass
NVNT	n20 MIMO	5220	Ant2	10.32	0.01076	24	Pass
NVNT	n20 MIMO	5220	Sum	14.46	0.02794	23.22	Pass
NVNT	n20 MIMO	5240	Ant1	11.86	0.01535	24	Pass
NVNT	n20 MIMO	5240	Ant2	10.35	0.01084	24	Pass
NVNT	n20 MIMO	5240	Sum	14.18	0.02619	23.22	Pass



NVNT	n20 MIMO	5745	Ant1	11.18	0.01312	30	Pass
NVNT	n20 MIMO	5745	Ant2	9.6	0.00912	30	Pass
NVNT	n20 MIMO	5745	Sum	13.47	0.02224	30	Pass
NVNT	n20 MIMO	5785	Ant1	10.8	0.01202	30	Pass
NVNT	n20 MIMO	5785	Ant2	9.55	0.00902	30	Pass
NVNT	n20 MIMO	5785	Sum	13.23	0.02104	30	Pass
NVNT	n20 MIMO	5825	Ant1	10.81	0.01205	30	Pass
NVNT	n20 MIMO	5825	Ant2	10.34	0.01081	30	Pass
NVNT	n20 MIMO	5825	Sum	13.59	0.02286	30	Pass
NVNT	n40 SISO	5190	Ant1	15.22	0.03327	24	Pass
NVNT	n40 SISO	5230	Ant1	14.8	0.0302	24	Pass
NVNT	n40 SISO	5755	Ant1	13.58	0.0228	30	Pass
NVNT	n40 SISO	5795	Ant1	13.24	0.02109	30	Pass
NVNT	n40 SISO	5190	Ant2	12.71	0.01866	24	Pass
NVNT	n40 SISO	5230	Ant2	12.75	0.01884	24	Pass
NVNT	n40 SISO	5755	Ant2	12.45	0.01758	30	Pass
NVNT	n40 SISO	5795	Ant2	12.32	0.01706	30	Pass
NVNT	n40 MIMO	5190	Ant1	12.04	0.016	24	Pass
NVNT	n40 MIMO	5190	Ant2	9.93	0.00984	24	Pass
NVNT	n40 MIMO	5190	Sum	14.12	0.02584	23.22	Pass
NVNT	n40 MIMO	5230	Ant1	11.83	0.01524	24	Pass
NVNT	n40 MIMO	5230	Ant2	9.56	0.00904	24	Pass
NVNT	n40 MIMO	5230	Sum	13.85	0.02428	23.22	Pass
NVNT	n40 MIMO	5755	Ant1	11.14	0.013	30	Pass
NVNT	n40 MIMO	5755	Ant2	9.35	0.00861	30	Pass
NVNT	n40 MIMO	5755	Sum	13.35	0.02161	30	Pass
NVNT	n40 MIMO	5795	Ant1	10.76	0.01191	30	Pass
NVNT	n40 MIMO	5795	Ant2	9.23	0.00838	30	Pass
NVNT	n40 MIMO	5795	Sum	13.07	0.02029	30	Pass
NVNT	ac20 SISO	5180	Ant1	15.72	0.03733	24	Pass
NVNT	ac20 SISO	5220	Ant1	15.35	0.03428	24	Pass
NVNT	ac20 SISO	5240	Ant1	14.74	0.02979	24	Pass
NVNT	ac20 SISO	5745	Ant1	14.04	0.02535	30	Pass
NVNT	ac20 SISO	5785	Ant1	13.34	0.02158	30	Pass
NVNT	ac20 SISO	5825	Ant1	13.68	0.02333	30	Pass
NVNT	ac20 SISO	5180	Ant2	12.99	0.01991	24	Pass
NVNT	ac20 SISO	5220	Ant2	13.17	0.02075	24	Pass
NVNT	ac20 SISO	5240	Ant2	13.3	0.02138	24	Pass



REPORT No.: SZ26030114W04

NVNT	ac20 SISO	5745	Ant2	12.78	0.01897	30	Pass
NVNT	ac20 SISO	5785	Ant2	12.77	0.01892	30	Pass
NVNT	ac20 SISO	5825	Ant2	13.17	0.02075	30	Pass
NVNT	ac20 MIMO	5180	Ant1	12.44	0.01754	24	Pass
NVNT	ac20 MIMO	5180	Ant2	10.06	0.01014	24	Pass
NVNT	ac20 MIMO	5180	Sum	14.42	0.02768	23.22	Pass
NVNT	ac20 MIMO	5220	Ant1	12.35	0.01718	24	Pass
NVNT	ac20 MIMO	5220	Ant2	10.18	0.01042	24	Pass
NVNT	ac20 MIMO	5220	Sum	14.41	0.0276	23.22	Pass
NVNT	ac20 MIMO	5240	Ant1	11.93	0.0156	24	Pass
NVNT	ac20 MIMO	5240	Ant2	10.36	0.01086	24	Pass
NVNT	ac20 MIMO	5240	Sum	14.23	0.02646	23.22	Pass
NVNT	ac20 MIMO	5745	Ant1	11.18	0.01312	30	Pass
NVNT	ac20 MIMO	5745	Ant2	9.71	0.00935	30	Pass
NVNT	ac20 MIMO	5745	Sum	13.52	0.02248	30	Pass
NVNT	ac20 MIMO	5785	Ant1	10.85	0.01216	30	Pass
NVNT	ac20 MIMO	5785	Ant2	9.62	0.00916	30	Pass
NVNT	ac20 MIMO	5785	Sum	13.29	0.02132	30	Pass
NVNT	ac20 MIMO	5825	Ant1	10.83	0.01211	30	Pass
NVNT	ac20 MIMO	5825	Ant2	10.2	0.01047	30	Pass
NVNT	ac20 MIMO	5825	Sum	13.54	0.02258	30	Pass
NVNT	ac40 SISO	5190	Ant1	15.24	0.03342	24	Pass
NVNT	ac40 SISO	5230	Ant1	14.79	0.03013	24	Pass
NVNT	ac40 SISO	5755	Ant1	13.58	0.0228	30	Pass
NVNT	ac40 SISO	5795	Ant1	13.27	0.02123	30	Pass
NVNT	ac40 SISO	5190	Ant2	12.67	0.01849	24	Pass
NVNT	ac40 SISO	5230	Ant2	12.78	0.01897	24	Pass
NVNT	ac40 SISO	5755	Ant2	12.55	0.01799	30	Pass
NVNT	ac40 SISO	5795	Ant2	12.3	0.01698	30	Pass
NVNT	ac40 MIMO	5190	Ant1	12.09	0.01618	24	Pass
NVNT	ac40 MIMO	5190	Ant2	9.56	0.00904	24	Pass
NVNT	ac40 MIMO	5190	Sum	14.02	0.02522	23.22	Pass
NVNT	ac40 MIMO	5230	Ant1	11.87	0.01538	24	Pass
NVNT	ac40 MIMO	5230	Ant2	9.58	0.00908	24	Pass
NVNT	ac40 MIMO	5230	Sum	13.88	0.02446	23.22	Pass
NVNT	ac40 MIMO	5755	Ant1	11.11	0.01291	30	Pass
NVNT	ac40 MIMO	5755	Ant2	9.27	0.00845	30	Pass
NVNT	ac40 MIMO	5755	Sum	13.3	0.02136	30	Pass



NVNT	ac40 MIMO	5795	Ant1	10.75	0.01189	30	Pass
NVNT	ac40 MIMO	5795	Ant2	9.23	0.00838	30	Pass
NVNT	ac40 MIMO	5795	Sum	13.07	0.02026	30	Pass
NVNT	ac80 SISO	5210	Ant1	14.88	0.03076	24	Pass
NVNT	ac80 SISO	5775	Ant1	13.05	0.02018	30	Pass
NVNT	ac80 SISO	5210	Ant2	12.53	0.01791	24	Pass
NVNT	ac80 SISO	5775	Ant2	12.28	0.0169	30	Pass
NVNT	ac80 MIMO	5210	Ant1	11.72	0.01486	24	Pass
NVNT	ac80 MIMO	5210	Ant2	9.32	0.00855	24	Pass
NVNT	ac80 MIMO	5210	Sum	13.69	0.02341	23.22	Pass
NVNT	ac80 MIMO	5775	Ant1	10.39	0.01094	30	Pass
NVNT	ac80 MIMO	5775	Ant2	9.1	0.00813	30	Pass
NVNT	ac80 MIMO	5775	Sum	12.8	0.01907	30	Pass
NVNT	ax20 SISO	5180	Ant1	15.66	0.03681	24	Pass
NVNT	ax20 SISO	5220	Ant1	15.33	0.03412	24	Pass
NVNT	ax20 SISO	5240	Ant1	14.73	0.02972	24	Pass
NVNT	ax20 SISO	5745	Ant1	14.01	0.02518	30	Pass
NVNT	ax20 SISO	5785	Ant1	13.31	0.02143	30	Pass
NVNT	ax20 SISO	5825	Ant1	13.65	0.02317	30	Pass
NVNT	ax20 SISO	5180	Ant2	12.98	0.01986	24	Pass
NVNT	ax20 SISO	5220	Ant2	13.23	0.02104	24	Pass
NVNT	ax20 SISO	5240	Ant2	13.32	0.02148	24	Pass
NVNT	ax20 SISO	5745	Ant2	12.75	0.01884	30	Pass
NVNT	ax20 SISO	5785	Ant2	12.8	0.01905	30	Pass
NVNT	ax20 SISO	5825	Ant2	13.21	0.02094	30	Pass
NVNT	ax20 MIMO	5180	Ant1	12.53	0.01791	24	Pass
NVNT	ax20 MIMO	5180	Ant2	10.12	0.01028	24	Pass
NVNT	ax20 MIMO	5180	Sum	14.5	0.02819	23.22	Pass
NVNT	ax20 MIMO	5220	Ant1	12.37	0.01726	24	Pass
NVNT	ax20 MIMO	5220	Ant2	10.12	0.01028	24	Pass
NVNT	ax20 MIMO	5220	Sum	14.4	0.02754	23.22	Pass
NVNT	ax20 MIMO	5240	Ant1	11.9	0.01549	24	Pass
NVNT	ax20 MIMO	5240	Ant2	10.29	0.01069	24	Pass
NVNT	ax20 MIMO	5240	Sum	14.18	0.02618	23.22	Pass
NVNT	ax20 MIMO	5745	Ant1	11.26	0.01337	30	Pass
NVNT	ax20 MIMO	5745	Ant2	9.71	0.00935	30	Pass
NVNT	ax20 MIMO	5745	Sum	13.56	0.02272	30	Pass
NVNT	ax20 MIMO	5785	Ant1	10.73	0.01183	30	Pass



NVNT	ax20 MIMO	5785	Ant2	9.51	0.00893	30	Pass
NVNT	ax20 MIMO	5785	Sum	13.17	0.02076	30	Pass
NVNT	ax20 MIMO	5825	Ant1	10.84	0.01213	30	Pass
NVNT	ax20 MIMO	5825	Ant2	10.22	0.01052	30	Pass
NVNT	ax20 MIMO	5825	Sum	13.55	0.02265	30	Pass
NVNT	ax40 SISO	5190	Ant1	15.11	0.03243	24	Pass
NVNT	ax40 SISO	5230	Ant1	14.68	0.02938	24	Pass
NVNT	ax40 SISO	5755	Ant1	13.53	0.02254	30	Pass
NVNT	ax40 SISO	5795	Ant1	13.21	0.02094	30	Pass
NVNT	ax40 SISO	5190	Ant2	12.6	0.0182	24	Pass
NVNT	ax40 SISO	5230	Ant2	12.69	0.01858	24	Pass
NVNT	ax40 SISO	5755	Ant2	12.43	0.0175	30	Pass
NVNT	ax40 SISO	5795	Ant2	12.2	0.0166	30	Pass
NVNT	ax40 MIMO	5190	Ant1	11.97	0.01574	24	Pass
NVNT	ax40 MIMO	5190	Ant2	9.53	0.00897	24	Pass
NVNT	ax40 MIMO	5190	Sum	13.93	0.02471	23.22	Pass
NVNT	ax40 MIMO	5230	Ant1	11.67	0.01469	24	Pass
NVNT	ax40 MIMO	5230	Ant2	9.36	0.00863	24	Pass
NVNT	ax40 MIMO	5230	Sum	13.68	0.02332	23.22	Pass
NVNT	ax40 MIMO	5755	Ant1	10.92	0.01236	30	Pass
NVNT	ax40 MIMO	5755	Ant2	9.3	0.00851	30	Pass
NVNT	ax40 MIMO	5755	Sum	13.2	0.02087	30	Pass
NVNT	ax40 MIMO	5795	Ant1	10.59	0.01146	30	Pass
NVNT	ax40 MIMO	5795	Ant2	9.19	0.0083	30	Pass
NVNT	ax40 MIMO	5795	Sum	12.96	0.01975	30	Pass
NVNT	ax80 SISO	5210	Ant1	14.98	0.03148	24	Pass
NVNT	ax80 SISO	5775	Ant1	13.21	0.02094	30	Pass
NVNT	ax80 SISO	5210	Ant2	12.67	0.01849	24	Pass
NVNT	ax80 SISO	5775	Ant2	12.36	0.01722	30	Pass
NVNT	ax80 MIMO	5210	Ant1	11.82	0.01521	24	Pass
NVNT	ax80 MIMO	5210	Ant2	9.58	0.00908	24	Pass
NVNT	ax80 MIMO	5210	Sum	13.85	0.02428	23.22	Pass
NVNT	ax80 MIMO	5775	Ant1	10.7	0.01175	30	Pass
NVNT	ax80 MIMO	5775	Ant2	9.21	0.00834	30	Pass
NVNT	ax80 MIMO	5775	Sum	13.03	0.02009	30	Pass

Note : Directional gain = $10\log[(10^{G0/20} + 10^{G1/20})^2/2] = 6.34\text{dBi} > 6\text{dBi}$, so the power limit shall be reduced to $24 - (6.34 - 6) = 23.66\text{dBm}$ for 5.18-5.24GHz band and reduced to $30 - (6.34 - 6) = 29.66\text{dBm}$ for 5.745-5.825GHz band.

**A.3. Emission Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a SISO	5180	Ant1	19.55
NVNT	a SISO	5220	Ant1	19.19
NVNT	a SISO	5240	Ant1	19
NVNT	a SISO	5180	Ant2	18.98
NVNT	a SISO	5220	Ant2	19.19
NVNT	a SISO	5240	Ant2	19.03
NVNT	n20 SISO	5180	Ant1	20.23
NVNT	n20 SISO	5220	Ant1	19.94
NVNT	n20 SISO	5240	Ant1	20.14
NVNT	n20 SISO	5180	Ant2	19.99
NVNT	n20 SISO	5220	Ant2	20.24
NVNT	n20 SISO	5240	Ant2	20.36
NVNT	n20 MIMO	5180	Ant1	20.07
NVNT	n20 MIMO	5180	Ant2	19.8
NVNT	n20 MIMO	5220	Ant1	20.07
NVNT	n20 MIMO	5220	Ant2	20.05
NVNT	n20 MIMO	5240	Ant1	20.07
NVNT	n20 MIMO	5240	Ant2	19.95
NVNT	n40 SISO	5190	Ant1	39.53
NVNT	n40 SISO	5230	Ant1	39.35
NVNT	n40 SISO	5190	Ant2	39.74
NVNT	n40 SISO	5230	Ant2	39.56
NVNT	n40 MIMO	5190	Ant1	39.52
NVNT	n40 MIMO	5190	Ant2	39.5
NVNT	n40 MIMO	5230	Ant1	39.71
NVNT	n40 MIMO	5230	Ant2	39.38
NVNT	ac20 SISO	5180	Ant1	20.3
NVNT	ac20 SISO	5220	Ant1	20.37
NVNT	ac20 SISO	5240	Ant1	20.39
NVNT	ac20 SISO	5180	Ant2	19.98
NVNT	ac20 SISO	5220	Ant2	20.2
NVNT	ac20 SISO	5240	Ant2	20.15
NVNT	ac20 MIMO	5180	Ant1	20.12
NVNT	ac20 MIMO	5180	Ant2	19.96
NVNT	ac20 MIMO	5220	Ant1	19.94
NVNT	ac20 MIMO	5220	Ant2	20.16



NVNT	ac20 MIMO	5240	Ant1	20.29
NVNT	ac20 MIMO	5240	Ant2	20.13
NVNT	ac40 SISO	5190	Ant1	39.65
NVNT	ac40 SISO	5230	Ant1	39.74
NVNT	ac40 SISO	5190	Ant2	39.75
NVNT	ac40 SISO	5230	Ant2	39.71
NVNT	ac40 MIMO	5190	Ant1	39.3
NVNT	ac40 MIMO	5190	Ant2	39.29
NVNT	ac40 MIMO	5230	Ant1	39.77
NVNT	ac40 MIMO	5230	Ant2	39.74
NVNT	ac80 SISO	5210	Ant1	81.51
NVNT	ac80 SISO	5210	Ant2	81.31
NVNT	ac80 MIMO	5210	Ant1	81.8
NVNT	ac80 MIMO	5210	Ant2	81.13
NVNT	ax20 SISO	5180	Ant1	20.99
NVNT	ax20 SISO	5220	Ant1	20.94
NVNT	ax20 SISO	5240	Ant1	20.83
NVNT	ax20 SISO	5180	Ant2	20.87
NVNT	ax20 SISO	5220	Ant2	21.14
NVNT	ax20 SISO	5240	Ant2	20.72
NVNT	ax20 MIMO	5180	Ant1	20.75
NVNT	ax20 MIMO	5180	Ant2	20.73
NVNT	ax20 MIMO	5220	Ant1	20.76
NVNT	ax20 MIMO	5220	Ant2	20.95
NVNT	ax20 MIMO	5240	Ant1	20.95
NVNT	ax20 MIMO	5240	Ant2	20.59
NVNT	ax40 SISO	5190	Ant1	40.32
NVNT	ax40 SISO	5230	Ant1	40.13
NVNT	ax40 SISO	5190	Ant2	40.17
NVNT	ax40 SISO	5230	Ant2	40.23
NVNT	ax40 MIMO	5190	Ant1	40.25
NVNT	ax40 MIMO	5190	Ant2	40.29
NVNT	ax40 MIMO	5230	Ant1	40.43
NVNT	ax40 MIMO	5230	Ant2	40.33
NVNT	ax80 SISO	5210	Ant1	81.91
NVNT	ax80 SISO	5210	Ant2	81.93
NVNT	ax80 MIMO	5210	Ant1	82.15
NVNT	ax80 MIMO	5210	Ant2	81.26



Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a SISO	5745	Ant1	15.11	0.5	Pass
NVNT	a SISO	5785	Ant1	15.31	0.5	Pass
NVNT	a SISO	5825	Ant1	15.3	0.5	Pass
NVNT	a SISO	5745	Ant2	15.32	0.5	Pass
NVNT	a SISO	5785	Ant2	15.55	0.5	Pass
NVNT	a SISO	5825	Ant2	15.08	0.5	Pass
NVNT	n20 SISO	5745	Ant1	12.91	0.5	Pass
NVNT	n20 SISO	5785	Ant1	15.08	0.5	Pass
NVNT	n20 SISO	5825	Ant1	15.63	0.5	Pass
NVNT	n20 SISO	5745	Ant2	15.71	0.5	Pass
NVNT	n20 SISO	5785	Ant2	16.55	0.5	Pass
NVNT	n20 SISO	5825	Ant2	15.33	0.5	Pass
NVNT	n20 MIMO	5745	Ant1	16.26	0.5	Pass
NVNT	n20 MIMO	5745	Ant2	15.03	0.5	Pass
NVNT	n20 MIMO	5785	Ant1	15.09	0.5	Pass
NVNT	n20 MIMO	5785	Ant2	15.99	0.5	Pass
NVNT	n20 MIMO	5825	Ant1	15.08	0.5	Pass
NVNT	n20 MIMO	5825	Ant2	15.01	0.5	Pass
NVNT	n40 SISO	5755	Ant1	35.12	0.5	Pass
NVNT	n40 SISO	5795	Ant1	32.48	0.5	Pass
NVNT	n40 SISO	5755	Ant2	34.97	0.5	Pass
NVNT	n40 SISO	5795	Ant2	35.02	0.5	Pass
NVNT	n40 MIMO	5755	Ant1	35.03	0.5	Pass
NVNT	n40 MIMO	5755	Ant2	36.28	0.5	Pass
NVNT	n40 MIMO	5795	Ant1	30.63	0.5	Pass
NVNT	n40 MIMO	5795	Ant2	35.05	0.5	Pass
NVNT	ac20 SISO	5745	Ant1	15.45	0.5	Pass
NVNT	ac20 SISO	5785	Ant1	15.63	0.5	Pass
NVNT	ac20 SISO	5825	Ant1	14.05	0.5	Pass
NVNT	ac20 SISO	5745	Ant2	16.3	0.5	Pass
NVNT	ac20 SISO	5785	Ant2	16.93	0.5	Pass
NVNT	ac20 SISO	5825	Ant2	14.04	0.5	Pass
NVNT	ac20 MIMO	5745	Ant1	16.8	0.5	Pass
NVNT	ac20 MIMO	5745	Ant2	16.53	0.5	Pass
NVNT	ac20 MIMO	5785	Ant1	14.02	0.5	Pass



NVNT	ac20 MIMO	5785	Ant2	16.77	0.5	Pass
NVNT	ac20 MIMO	5825	Ant1	15.11	0.5	Pass
NVNT	ac20 MIMO	5825	Ant2	14.6	0.5	Pass
NVNT	ac40 SISO	5755	Ant1	35.06	0.5	Pass
NVNT	ac40 SISO	5795	Ant1	35.02	0.5	Pass
NVNT	ac40 SISO	5755	Ant2	35.06	0.5	Pass
NVNT	ac40 SISO	5795	Ant2	34.99	0.5	Pass
NVNT	ac40 MIMO	5755	Ant1	35	0.5	Pass
NVNT	ac40 MIMO	5755	Ant2	35	0.5	Pass
NVNT	ac40 MIMO	5795	Ant1	35	0.5	Pass
NVNT	ac40 MIMO	5795	Ant2	33.09	0.5	Pass
NVNT	ac80 SISO	5775	Ant1	73.81	0.5	Pass
NVNT	ac80 SISO	5775	Ant2	74.99	0.5	Pass
NVNT	ac80 MIMO	5775	Ant1	71.35	0.5	Pass
NVNT	ac80 MIMO	5775	Ant2	68.74	0.5	Pass
NVNT	ax20 SISO	5745	Ant1	18.55	0.5	Pass
NVNT	ax20 SISO	5785	Ant1	18.73	0.5	Pass
NVNT	ax20 SISO	5825	Ant1	17.61	0.5	Pass
NVNT	ax20 SISO	5745	Ant2	16.44	0.5	Pass
NVNT	ax20 SISO	5785	Ant2	18.74	0.5	Pass
NVNT	ax20 SISO	5825	Ant2	18.55	0.5	Pass
NVNT	ax20 MIMO	5745	Ant1	17.63	0.5	Pass
NVNT	ax20 MIMO	5745	Ant2	17.96	0.5	Pass
NVNT	ax20 MIMO	5785	Ant1	15.04	0.5	Pass
NVNT	ax20 MIMO	5785	Ant2	17.97	0.5	Pass
NVNT	ax20 MIMO	5825	Ant1	18.37	0.5	Pass
NVNT	ax20 MIMO	5825	Ant2	18.55	0.5	Pass
NVNT	ax40 SISO	5755	Ant1	35.98	0.5	Pass
NVNT	ax40 SISO	5795	Ant1	37.35	0.5	Pass
NVNT	ax40 SISO	5755	Ant2	35.14	0.5	Pass
NVNT	ax40 SISO	5795	Ant2	36.6	0.5	Pass
NVNT	ax40 MIMO	5755	Ant1	35.15	0.5	Pass
NVNT	ax40 MIMO	5755	Ant2	35.04	0.5	Pass
NVNT	ax40 MIMO	5795	Ant1	37.1	0.5	Pass
NVNT	ax40 MIMO	5795	Ant2	36.65	0.5	Pass
NVNT	ax80 SISO	5775	Ant1	60.03	0.5	Pass
NVNT	ax80 SISO	5775	Ant2	67.9	0.5	Pass
NVNT	ax80 MIMO	5775	Ant1	68.83	0.5	Pass



REPORT No.: SZ26030114W04

NVNT	ax80 MIMO	5775	Ant2	71.29	0.5	Pass
------	-----------	------	------	-------	-----	------



-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



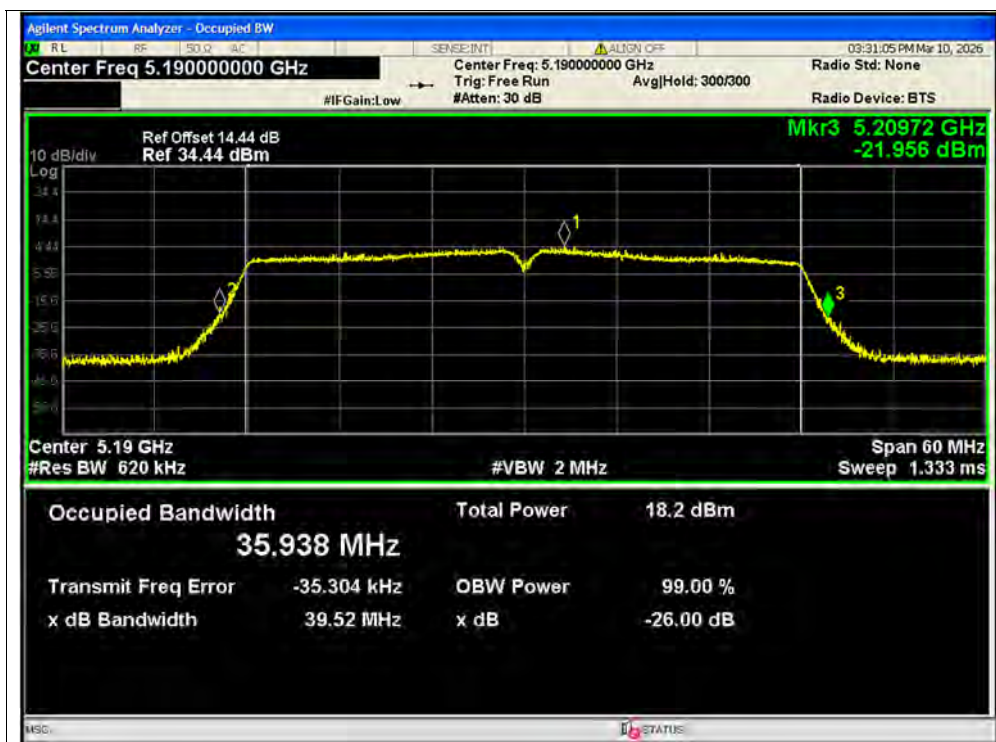
-26dB Bandwidth NVNT n40 5230MHz Ant1 SISO



-26dB Bandwidth NVNT n40 5190MHz Ant2 SISO



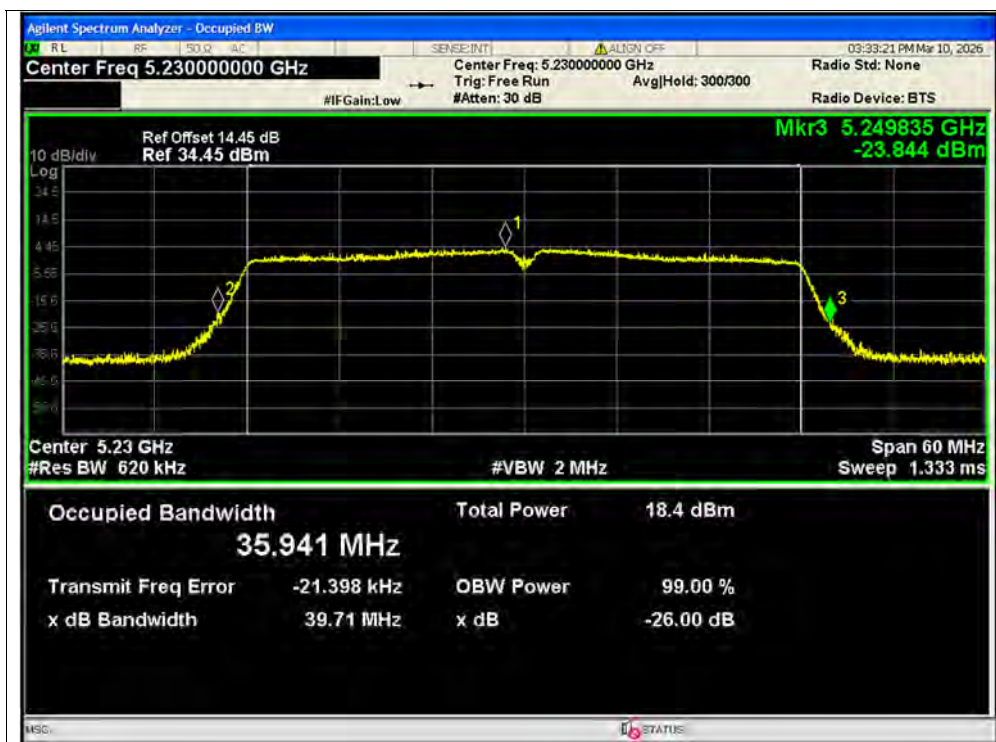
-26dB Bandwidth NVNT n40 5230MHz Ant2 SISO



-26dB Bandwidth NVNT n40 5190MHz Ant1 MIMO



-26dB Bandwidth NVNT n40 5190MHz Ant2 MIMO



-26dB Bandwidth NVNT n40 5230MHz Ant1 MIMO



-26dB Bandwidth NVNT n40 5230MHz Ant2 MIMO



-26dB Bandwidth NVNT ac20 5180MHz Ant1 SISO



-26dB Bandwidth NVNT ac20 5220MHz Ant1 SISO



-26dB Bandwidth NVNT ac20 5240MHz Ant1 SISO



-26dB Bandwidth NVNT ac20 5180MHz Ant2 SISO