



REPORT No.: SZ24100003W04

TEST REPORT

APPLICANT : JP Morgan Chase Bank N.A

PRODUCT NAME : PAYPAD_801_GEN1

MODEL NAME : BLADE_801_GEN1

BRAND NAME : Chase

FCC ID : 2BHXP-BLAD08AA

STANDARD(S) : 47 CFR Part 15 Subpart E

RECEIPT DATE : 2025-01-10

TEST DATE : 2025-01-16 to 2025-04-18

ISSUE DATE : 2025-05-07

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Change History		
Version	Date	Reason for change
1.0	2025-05-07	First edition



1. Summary of Test Result

No.	Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
1	15.203	Antenna Requirement	N/A	N/A	PASS	No deviation
2	ANSI C63.10	Duty Cycle of the Test Signal	Feb. 18, 2025-Feb. 21, 2025	Li Xinpeng	PASS	No deviation
3	15.407(a)	Maximum Conducted Output Power	Feb. 18, 2025-Feb. 21, 2025	Li Xinpeng	PASS	No deviation
4	15.407(a)(e)	Emission Bandwidth	Feb. 18, 2025-Feb. 21, 2025	Li Xinpeng	PASS	No deviation
5	15.407(a)	Peak Power Spectral Density	Feb. 18, 2025-Feb. 21, 2025	Li Xinpeng	PASS	No deviation
6	15.407(g)	Frequency Stability	Feb. 21, 2025	Li Xinpeng	PASS	No deviation
7	15.407(h)	DFS	Feb. 21, 2025	Li Xinpeng	PASS	No deviation
8	15.207	Conducted Emission	Mar. 15, 2025	Fan Shengquan	PASS	No deviation
9	15.407(b)	Restricted Frequency Bands	Feb. 26, 2025	Li Hanbin	PASS	No deviation
	15.407(b)	Radiated Emission	Feb. 28, 2025	Li Hanbin	PASS	No deviation

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

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

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

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

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



1.1. Testing Applied Standards

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

- 47 CFR Part 15 Subpart E Radio Frequency Devices



1.2. Test Equipment List

1.2.1 Conducted Test Equipment

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
EXA Signal Analyzer	MY53470836	N9010A	Agilent	2025.01.15	2026.01.14
USB Wideband Power Sensor	MY54180008	U2021XA	Agilent	2025.01.15	2026.01.14
Temperature Chamber	12108015	DTL-003S101	YOMA	2024.09.11	2025.09.10
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
Attenuator	MTJ6004-10	10dB	MTJ cooperation	N/A	N/A

1.2.2 Conducted Emission Test Equipment

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Receiver	MY56400093	N9038A	KEYSIGHT	2025.01.06	2026.01.05
LISN	8127449	NSLK 8127	Schwarzbeck	2025.01.09	2026.01.18
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
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	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	S10M100L38 02	LUCIX CORP.	2024.05.30	2025.05.29
Preamplifier (2GHz-18GHz)	61171/61172	S020180L32 03	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	$\pm 2.22\text{dB}$	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.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China
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FCC Designation Number:	CN1192
FCC Test Firm Registration Number:	226174



2. General Description

2.1. Information of Applicant and Manufacturer

Applicant:	JP Morgan Chase Bank N.A
Applicant Address:	70 Fargo St, Boston, MA, USA 02210
Manufacturer:	JP Morgan Chase Bank N.A
Manufacturer Address:	70 Fargo St, Boston, MA, USA 02210

2.2. Information of EUT

Product Name:	PAYPAD_801_GEN1		
Sample No.:	1#, 19#, 32#		
Hardware Version:	PVT		
Software Version:	BLADE_801_GEN1.BE2M.20250403		
Modulation Technology:	OFDM, OFDMA		
Modulation Mode:	802.11a, 802.11n (HT20), 802.11n (HT40) 802.11ac (VHT20), 802.11ac (VHT40), 802.11ac (VHT80), 802.11ac (VHT160) 802.11ax (HEW20), 802.11ax (HEW40), 802.11ax (HEW80), 802.11ax (HEW160)		
Operating Frequency Range:	5180MHz-5240MHz; 5260MHz-5320MHz; 5500MHz-5720MHz; 5745MHz-5825MHz		
DFS Function:	☒ Slave without radar detection ☐ Slave with radar detection ☐ Master		
Antenna Type:	PIFA Antenna		
Antenna Gain (dBi):	ANT 1	ANT 2	Directional Gain Note 2
	1.05	0.16	3.63
Accessory Information:	Battery		
	Brand Name:	Chase	
	Model No.:	860010	
	Serial No.:	N/A	
	Capacity:	6150mAh	
	Rated Voltage:	3.85V	
	Charge Limit:	4.4V	
	Manufacturer:	Shenzhen GUANGWEI Electronic	



	Technology Co., Ltd.	
	USB Cable	
	Model:	HC-0412
	Manufacturer:	N/A

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: We use the dedicated software to control the EUT continuous transmission.

Note 5: 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-2A) 5260MHz-5320MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	52	5260	56	5280
	60	5300	64	5320
40MHz	54	5270	62	5310
80MHz	58	5290		
160MHz	40	5250		
(U-NII-2C) 5500MHz-5720MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	100	5500	105	5520
	108	5540	112	5560
	116	5580	120	5600
	124	5620	128	5640
	132	5660	136	5680
	140	5700	144	5720
40MHz	102	5510	110	5550
	118	5590	126	5630
	134	5670	142	5710
80MHz	106	5530	122	5610
	138	5690		
160MHz	114	5570		
(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
802.11a	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	20/40/80/160 (VHT20/40/80/160)	OFDM	BPSK	MSC0~MCS9
			QPSK	
			16QAM	
			64QAM	
			256QAM	
802.11ax	20/40/80/160 (HEW20/40/80/160)	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.



2.4.2.802.11ax RU Allocation

Bandwidth (MHz)	RU Size			User	RU Offset
	Full (Tone)	Partial			
		(Tone)	Bandwidth (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
		242	20	1	@61
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
		242	20	2	@61/62
		484	40	1	@65
80	996	26	2	37	@0/1/2.....35/36
		52	4	16	@37/38/39.....50/51/52
		106	8	8	@53/54/55/56/57/58/59/60
		242	20	4	@61/62/63/64
		484	40	2	@65/66
		996	80	1	@67
160	996x2	26	2	74	@0/1/2.....35/36 S0/S1.....S35/S36
		52	4	32	@37/38/39.....50/51/52 S37/S38.....S51/S52
		106	8	16	@53/54/55/56/57/58/59/60 S53//S54.....S59/S60
		242	20	8	@61/62/63/64 S61/S62/S63/S64
		484	40	4	@65/66/S65/S66
		996	80	2	@67/S67
		996x2	160	1	@S68



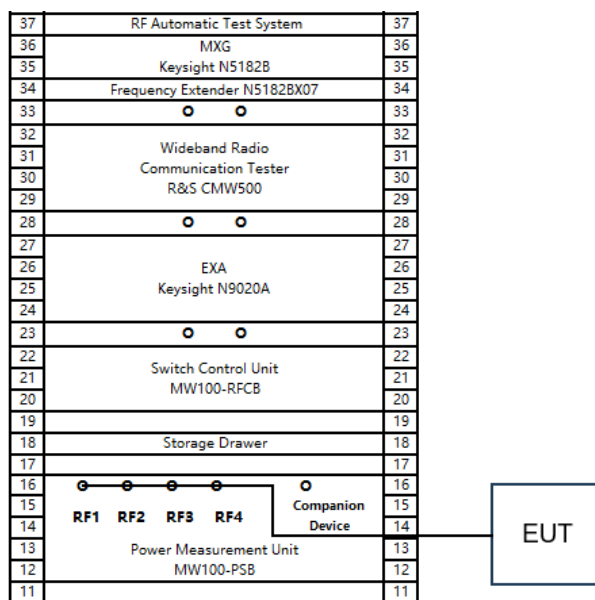
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2.5. Test Conditions

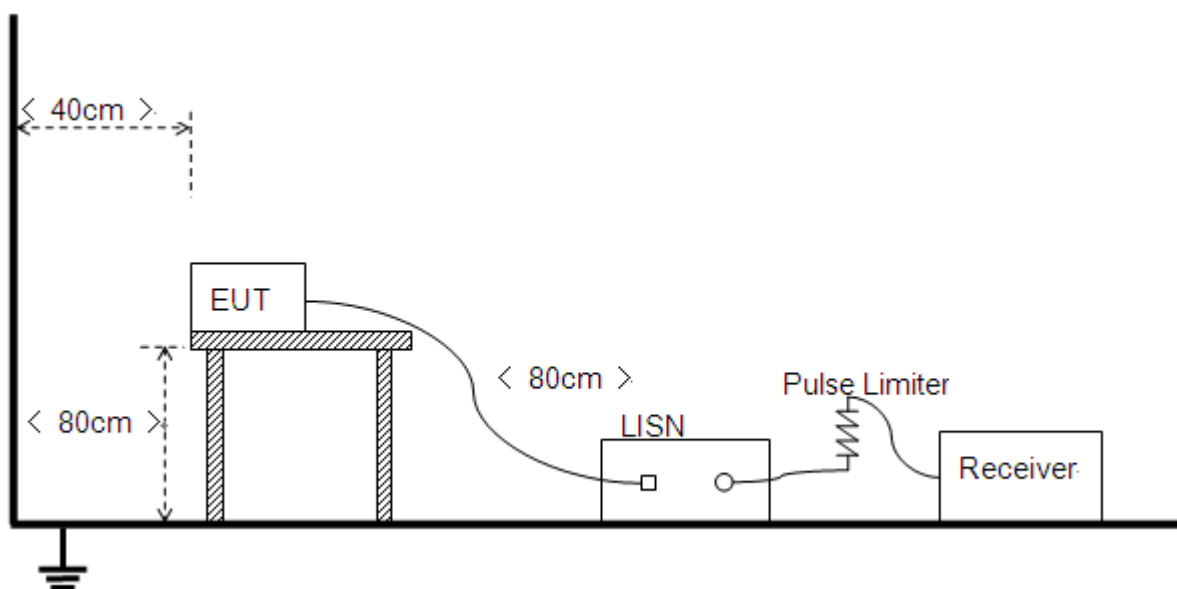
Temperature (°C):	15-35
Relative Humidity (%):	30-60
Atmospheric Pressure (kPa):	86-106

2.6. Test Setup Layout Diagram

2.6.1. Conducted Measurement

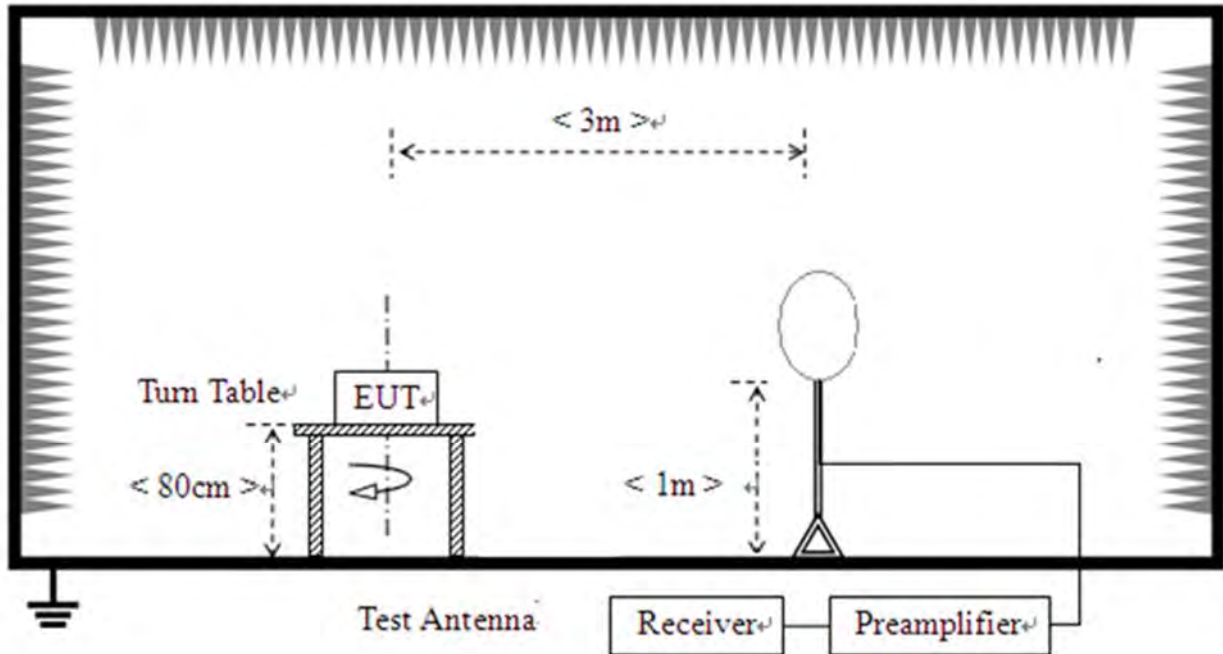


2.6.2. Conducted Emission Measurement

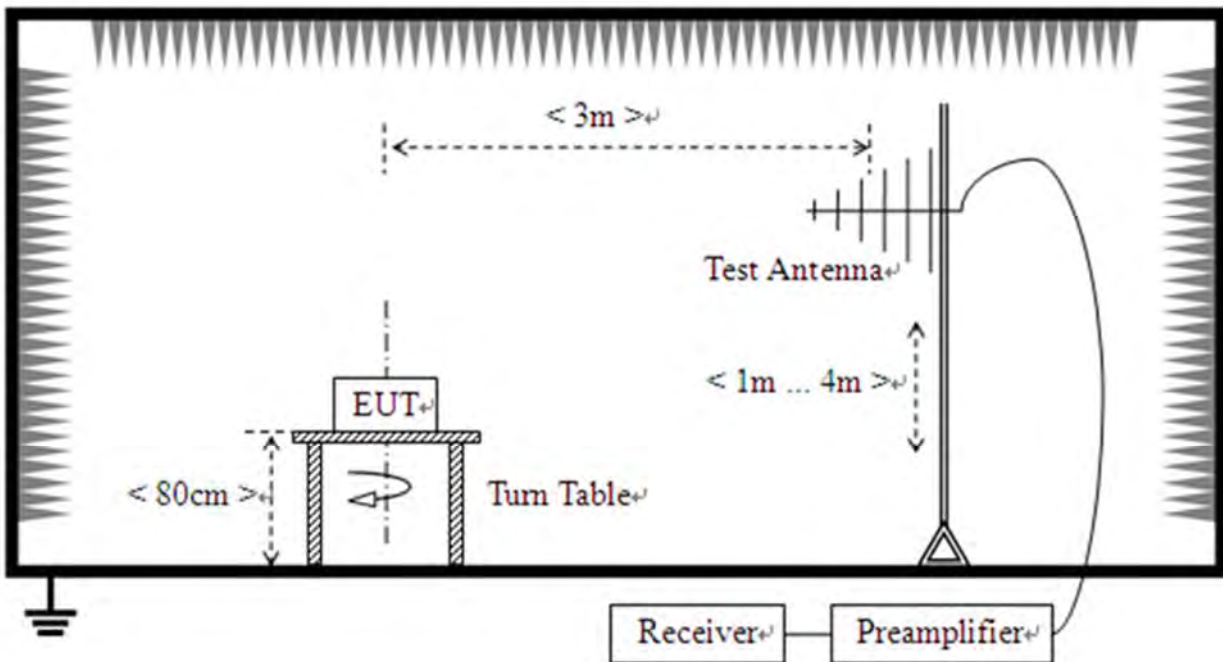


2.6.3.Radiation Measurement

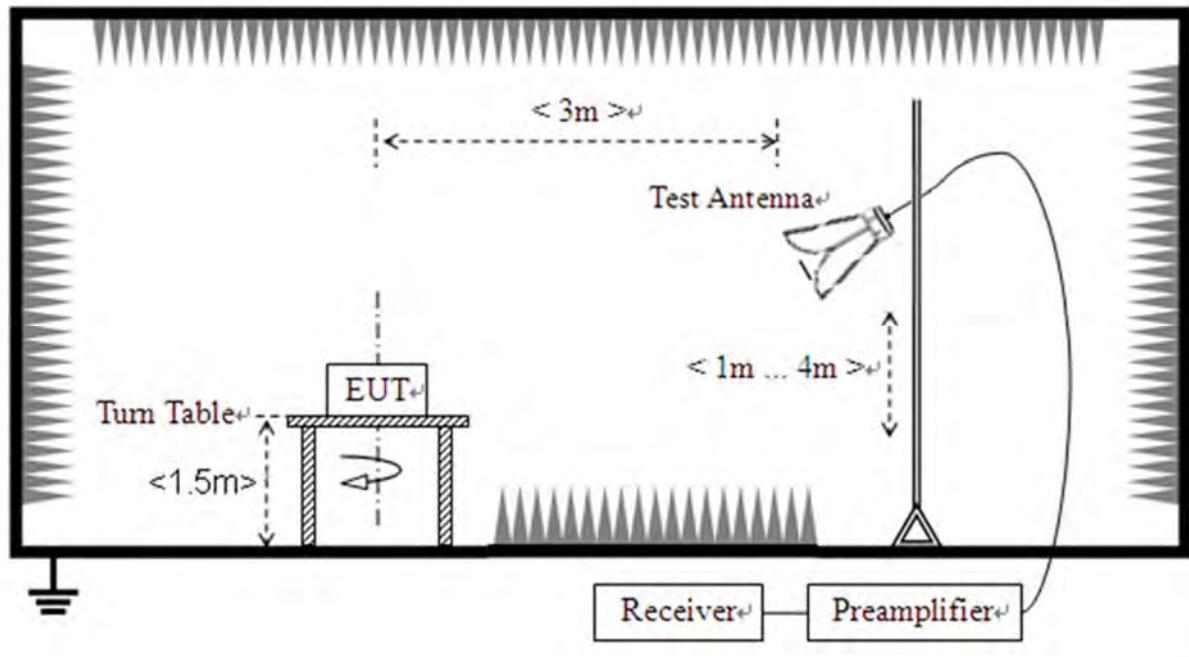
1) For radiated emissions from 9kHz to 30MHz



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	☒ 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.



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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. Dynamic Frequency Selection

3.7.1. Requirement

According to FCC section 15.407(h), (1) Transmit power control (TPC). U-NII devices operating in the 5.25-5.35 GHz band and the 5.47-5.725 GHz band shall employ a TPC mechanism. The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm. A TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW. (2) Radar Detection Function of Dynamic Frequency Selection (DFS). U-NII devices operating with any part of its 26 dB emission bandwidth in the 5.25-5.35 GHz and 5.47-5.725 GHz bands shall employ a DFS radar detection mechanism to detect the presence of radar systems and to avoid co-channel operation with radar systems. Operators shall only use equipment with a DFS mechanism that is turned on when operating in these bands. The device must sense for radar signals at 100 percent of its emission bandwidth. The minimum DFS detection threshold for devices with a maximum e.i.r.p. of 200 mW to 1 W is -64 dBm. For devices that operate with less than 200 mW e.i.r.p. and a power spectral density of less than 10 dBm in a 1 MHz band, the minimum detection threshold is -62 dBm. The detection threshold is the received power averaged over 1 microsecond referenced to a 0 dBi antenna. For the initial channel setting, the manufacturers shall be permitted to provide for either random channel selection or manual channel selection.

A U-NII network will employ a DFS function to detect signals from radar systems and to avoid co-channel operation with these systems. This applies to the 5250-5350 MHz and/or 5470-5725 MHz bands.¹

Within the context of the operation of the DFS function, a U-NII device will operate in either Master Mode or Client Mode. U-NII devices operating in Client Mode can only operate in a network controlled by a U-NII device operating in Master Mode.²

Tables 1 and 2 shown below summarize the information contained in sections 5.1.1 and 5.1.2.

Table 1: Applicability of DFS Requirements Prior to Use of a Channel

Requirement	Operational Mode		
	Master	Client Without Radar Detection	Client With Radar Detection
Non-Occupancy Period	Yes	Not required	Yes
DFS Detection Threshold	Yes	Not required	Yes
Channel Availability Check Time	Yes	Not required	Not required
U-NII Detection Bandwidth	Yes	Not required	Yes

Table 2: Applicability of DFS requirements during normal operation

Requirement	Operational Mode
-------------	------------------



	Master	Client Without Radar Detection
DFS Detection Threshold	Yes	Not required
Channel Closing Transmission Time	Yes	Yes
Channel Move Time	Yes	Yes
U-NII Detection Bandwidth	Yes	Not required

Additional requirements for devices with multiple bandwidth modes	Master Device or Client with Radar Detection	Client Without Radar Detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required
Note: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.		

The operational behavior and individual DFS requirements that are associated with these modes are as follows:

Master Devices

- The Master Device will use DFS in order to detect Radar Waveforms with received signal strength above the DFS Detection Threshold in the 5250 – 5350 MHz and 5470 – 5725 MHz bands. DFS is not required in the 5150 – 5250 MHz or 5725 – 5825 MHz bands.
- Before initiating a network on a Channel, the Master Device will perform a Channel Availability Check for specified time duration (Channel Availability Check Time) to ensure that there is no radar system operating on the Channel, using DFS described under subsection a) above.
- The Master Device initiates a U-NII network by transmitting control signals that will enable other U-NII devices to Associate with the Master Device.
- During normal operation, the Master Device will monitor the Channel (In-Service Monitoring) to ensure that there is no radar system operating on the Channel, using DFS described under a).
- If the Master Device has detected a Radar Waveform during In-Service Monitoring as described under d), the Operating Channel of the U-NII network is no longer an Available Channel. The Master Device will instruct all associated Client Device(s) to stop transmitting on this Channel within the Channel Move Time. The transmissions during the Channel Move Time will be limited to the Channel Closing Transmission Time.
- Once the Master Device has detected a Radar Waveform it will not utilize the Channel for the duration of the Non-Occupancy Period. 3.



g) If the Master Device delegates the In-Service Monitoring to a Client Device, then the combination will be tested to the requirements described under d) through f) above.

Client Devices

a) A Client Device will not transmit before having received appropriate control signals from a Master Device.

b) A Client Device will stop all its transmissions whenever instructed by a Master Device to which it is associated and will meet the Channel Move Time and Channel Closing Transmission Time requirements. The Client Device will not resume any transmissions until it has again received control signals from a Master Device.

c) If a Client Device is performing In-Service Monitoring and detects a Radar Waveform above the DFS Detection Threshold, it will inform the Master Device. This is equivalent to the Master Device detecting the Radar Waveform and d) through f) of section 5.1.1 apply.

d) Irrespective of Client Device or Master Device detection the Channel Move Time and Channel Closing Transmission Time requirements remain the same.

e) The client test frequency must be monitored to ensure no transmission of any type has occurred for 30 minutes. Note: If the client moves with the master, the device is considered compliant if nothing appears in the client non-occupancy period test. For devices that shut down (rather than moving channels), no beacons should appear.

DFS Detection Thresholds

Table 3 below provides the DFS Detection Thresholds for Master Devices as well as Client Devices incorporating In-Service Monitoring.

Table 3: DFS Detection Thresholds for Master Devices and Client Devices with Radar Detection

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP $\geq$ 200 mill watt	-64 dBm
EIRP < 200 mill watt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 mill watt that do not meet the power spectral density requirement	-64 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.	

Response Requirements

Table 4 provides the response requirements for Master and Client Devices incorporating DFS.

Table 4: DFS Response Requirement Values

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1.
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

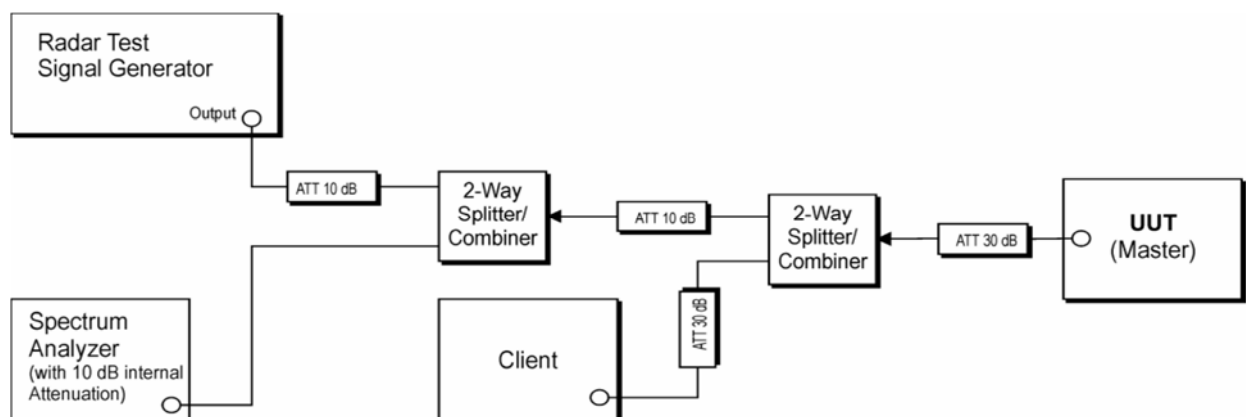
Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

3.7.2.Test Description

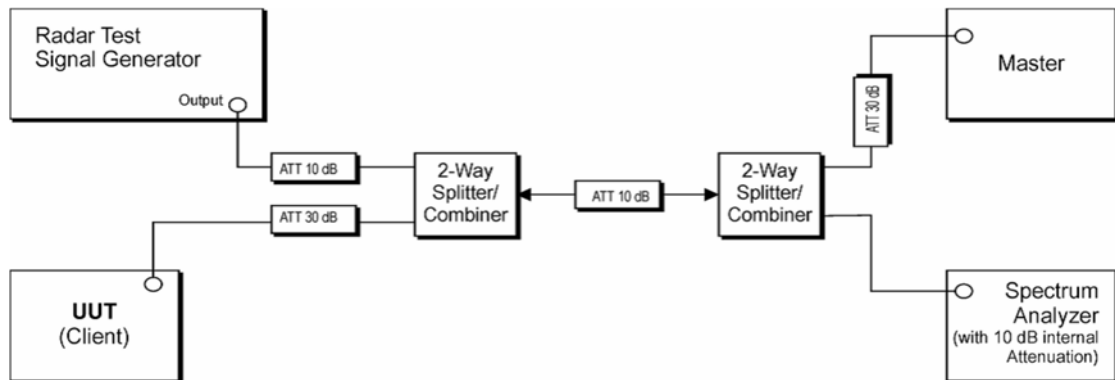
According to Section 7.2 of KDB 905462 D02 V01R01

1. Setup for Master with injection at the Master



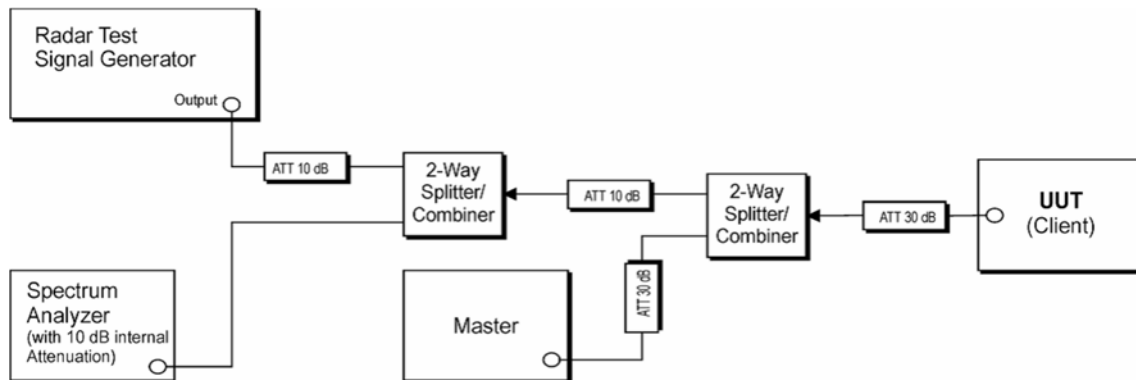
(Example Conducted Setup where UUT is a Master and Radar Test Waveforms are injected into the Master)

2. Setup for Client with injection at the Master



(Example Conducted Setup where UUT is a Client and Radar Test Waveforms are injected into the Master)

3. Setup for Client with injection at the Client



(Example Conducted Setup where UUT is a Client and Radar Test Waveforms are injected into the Client)

3.7.3.Information of Companion Device

Product Name:	Router
Manufacturer:	ASUS
FCC ID:	MSQ-RTAXJF00
Device Type:	Master Device
Operating Mode:	Master Mode
Serial No:	M3IAJF201046
Antenna Gain:	2.0dBi

3.7.4.Test Result

Refer to Annex A.6 in this report.

3.8. Conducted Emission

3.8.1. 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.

3.8.2. 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.

3.8.3. Test Setup Layout

Refer to chapter 2.6.2 in this report.

3.8.4. Test Result

Refer to Annex A.7 in this report.

3.9. Restricted Frequency Bands

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:
 - (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).

3.9.2.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.

3.9.3.Test Setup Layout

Refer to chapter 2.6.3 in this report.

3.9.4.Test Result

Refer to Annex A.8 in this report.

3.10. Radiated Emission

3.10.1.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).

3.10.2.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.

3.10.3.Test Setup Layout

Refer to chapter 2.6.3 in this report.

3.10.4.Test Result

Refer to Annex A.9 in this report.



Annex A Test Data and Result

A.1. Duty Cycle of Test Signal

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a SISO	5180	Ant1	99.53	0.02	0.24
NVNT	a SISO	5220	Ant1	99.53	0.02	0.24
NVNT	a SISO	5240	Ant1	99.05	0.04	0.48
NVNT	a SISO	5260	Ant1	99.05	0.04	0.48
NVNT	a SISO	5300	Ant1	99.05	0.04	0.48
NVNT	a SISO	5320	Ant1	99.05	0.04	0.48
NVNT	a SISO	5500	Ant1	99.05	0.04	0.48
NVNT	a SISO	5580	Ant1	99.05	0.04	0.48
NVNT	a SISO	5720	Ant1	99.53	0.02	0.24
NVNT	a SISO	5745	Ant1	99.05	0.04	0.48
NVNT	a SISO	5785	Ant1	99.05	0.04	0.48
NVNT	a SISO	5825	Ant1	99.05	0.04	0.48
NVNT	a SISO	5180	Ant2	99.02	0.04	0.49
NVNT	a SISO	5220	Ant2	99.02	0.04	0.49
NVNT	a SISO	5240	Ant2	99.02	0.04	0.49
NVNT	a SISO	5260	Ant2	99.02	0.04	0.49
NVNT	a SISO	5300	Ant2	99.02	0.04	0.49
NVNT	a SISO	5320	Ant2	99.02	0.04	0.49
NVNT	a SISO	5500	Ant2	99.02	0.04	0.49
NVNT	a SISO	5580	Ant2	99.02	0.04	0.49
NVNT	a SISO	5720	Ant2	99.02	0.04	0.49
NVNT	a SISO	5745	Ant2	99.02	0.04	0.49
NVNT	a SISO	5785	Ant2	99.02	0.04	0.49
NVNT	a SISO	5825	Ant2	99.02	0.04	0.49
NVNT	n20 SISO	5180	Ant1	99.63	0.02	0.19
NVNT	n20 SISO	5220	Ant1	99.63	0.02	0.19
NVNT	n20 SISO	5240	Ant1	99.9	0	0
NVNT	n20 SISO	5260	Ant1	99.9	0	0
NVNT	n20 SISO	5300	Ant1	99.9	0	0
NVNT	n20 SISO	5320	Ant1	99.63	0.02	0.19
NVNT	n20 SISO	5500	Ant1	99.9	0	0
NVNT	n20 SISO	5580	Ant1	99.9	0	0



NVNT	n20 SISO	5720	Ant1	99.63	0.02	0.19
NVNT	n20 SISO	5745	Ant1	99.63	0.02	0.19
NVNT	n20 SISO	5785	Ant1	99.9	0	0
NVNT	n20 SISO	5825	Ant1	99.9	0	0
NVNT	n20 SISO	5180	Ant2	99.63	0.02	0.19
NVNT	n20 SISO	5220	Ant2	99.9	0	0
NVNT	n20 SISO	5240	Ant2	99.9	0	0
NVNT	n20 SISO	5260	Ant2	99.63	0.02	0.19
NVNT	n20 SISO	5300	Ant2	99.9	0	0
NVNT	n20 SISO	5320	Ant2	99.63	0.02	0.19
NVNT	n20 SISO	5500	Ant2	99.9	0	0
NVNT	n20 SISO	5580	Ant2	100	0	0
NVNT	n20 SISO	5720	Ant2	99.9	0	0
NVNT	n20 SISO	5745	Ant2	99.9	0	0
NVNT	n20 SISO	5785	Ant2	99.63	0.02	0.19
NVNT	n20 SISO	5825	Ant2	99.9	0	0
NVNT	n20 MIMO	5180	Sum	99.9	0	0
NVNT	n20 MIMO	5220	Sum	99.63	0.02	0.19
NVNT	n20 MIMO	5240	Sum	99.63	0.02	0.19
NVNT	n20 MIMO	5260	Sum	99.9	0	0
NVNT	n20 MIMO	5300	Sum	99.9	0	0
NVNT	n20 MIMO	5320	Sum	99.9	0	0
NVNT	n20 MIMO	5500	Sum	99.9	0	0
NVNT	n20 MIMO	5580	Sum	99.63	0.02	0.19
NVNT	n20 MIMO	5720	Sum	99.9	0	0
NVNT	n20 MIMO	5745	Sum	99.9	0	0
NVNT	n20 MIMO	5785	Sum	99.8	0.01	0
NVNT	n20 MIMO	5825	Sum	99.9	0	0
NVNT	n40 SISO	5190	Ant1	99.9	0	0
NVNT	n40 SISO	5230	Ant1	99.9	0	0
NVNT	n40 SISO	5270	Ant1	99.9	0	0
NVNT	n40 SISO	5310	Ant1	100	0	0
NVNT	n40 SISO	5510	Ant1	99.9	0	0
NVNT	n40 SISO	5550	Ant1	99.9	0	0
NVNT	n40 SISO	5710	Ant1	99.9	0	0
NVNT	n40 SISO	5755	Ant1	99.9	0	0
NVNT	n40 SISO	5795	Ant1	99.9	0	0
NVNT	n40 SISO	5190	Ant2	99.63	0.02	0.19



NVNT	n40 SISO	5230	Ant2	99.9	0	0
NVNT	n40 SISO	5270	Ant2	99.9	0	0
NVNT	n40 SISO	5310	Ant2	98.18	0.08	0.19
NVNT	n40 SISO	5510	Ant2	100	0	0
NVNT	n40 SISO	5550	Ant2	99.63	0.02	0.19
NVNT	n40 SISO	5710	Ant2	99.63	0.02	0.19
NVNT	n40 SISO	5755	Ant2	99.63	0.02	0.19
NVNT	n40 SISO	5795	Ant2	100	0	0
NVNT	n40 MIMO	5190	Sum	99.9	0	0
NVNT	n40 MIMO	5230	Sum	99.63	0.02	0.19
NVNT	n40 MIMO	5270	Sum	99.9	0	0
NVNT	n40 MIMO	5310	Sum	99.9	0	0
NVNT	n40 MIMO	5510	Sum	99.63	0.02	0.19
NVNT	n40 MIMO	5550	Sum	99.9	0	0
NVNT	n40 MIMO	5710	Sum	99.63	0.02	0.19
NVNT	n40 MIMO	5755	Sum	100	0	0
NVNT	n40 MIMO	5795	Sum	99.63	0.02	0.19
NVNT	ac20 SISO	5180	Ant1	99.63	0.02	0.19
NVNT	ac20 SISO	5220	Ant1	99.9	0	0
NVNT	ac20 SISO	5240	Ant1	99.63	0.02	0.19
NVNT	ac20 SISO	5260	Ant1	99.63	0.02	0.19
NVNT	ac20 SISO	5300	Ant1	99.9	0	0
NVNT	ac20 SISO	5320	Ant1	100	0	0
NVNT	ac20 SISO	5500	Ant1	99.63	0.02	0.19
NVNT	ac20 SISO	5580	Ant1	100	0	0
NVNT	ac20 SISO	5720	Ant1	99.63	0.02	0.19
NVNT	ac20 SISO	5745	Ant1	99.63	0.02	0.19
NVNT	ac20 SISO	5785	Ant1	100	0	0
NVNT	ac20 SISO	5825	Ant1	99.63	0.02	0.19
NVNT	ac20 SISO	5180	Ant2	99.9	0	0
NVNT	ac20 SISO	5220	Ant2	99.63	0.02	0.19
NVNT	ac20 SISO	5240	Ant2	99.63	0.02	0.19
NVNT	ac20 SISO	5260	Ant2	100	0	0
NVNT	ac20 SISO	5300	Ant2	99.63	0.02	0.19
NVNT	ac20 SISO	5320	Ant2	99.63	0.02	0.19
NVNT	ac20 SISO	5500	Ant2	100	0	0
NVNT	ac20 SISO	5580	Ant2	99.63	0.02	0.19
NVNT	ac20 SISO	5720	Ant2	99.9	0	0



NVNT	ac20 SISO	5745	Ant2	99.9	0	0
NVNT	ac20 SISO	5785	Ant2	100	0	0
NVNT	ac20 SISO	5825	Ant2	99.63	0.02	0.19
NVNT	ac20 MIMO	5180	Sum	100	0	0
NVNT	ac20 MIMO	5220	Sum	99.63	0.02	0.19
NVNT	ac20 MIMO	5240	Sum	99.63	0.02	0.19
NVNT	ac20 MIMO	5260	Sum	99.63	0.02	0.19
NVNT	ac20 MIMO	5300	Sum	99.63	0.02	0.19
NVNT	ac20 MIMO	5320	Sum	100	0	0
NVNT	ac20 MIMO	5500	Sum	100	0	0
NVNT	ac20 MIMO	5580	Sum	100	0	0
NVNT	ac20 MIMO	5720	Sum	99.9	0	0
NVNT	ac20 MIMO	5745	Sum	99.63	0.02	0.19
NVNT	ac20 MIMO	5785	Sum	99.63	0.02	0.19
NVNT	ac20 MIMO	5825	Sum	99.63	0.02	0.19
NVNT	ac40 SISO	5190	Ant1	99.9	0	0
NVNT	ac40 SISO	5230	Ant1	99.9	0	0
NVNT	ac40 SISO	5270	Ant1	99.63	0.02	0.19
NVNT	ac40 SISO	5310	Ant1	99.9	0	0
NVNT	ac40 SISO	5510	Ant1	99.9	0	0
NVNT	ac40 SISO	5550	Ant1	99.63	0.02	0.19
NVNT	ac40 SISO	5710	Ant1	99.9	0	0
NVNT	ac40 SISO	5755	Ant1	99.63	0.02	0.19
NVNT	ac40 SISO	5795	Ant1	99.9	0	0
NVNT	ac40 SISO	5190	Ant2	99.9	0	0
NVNT	ac40 SISO	5230	Ant2	100	0	0
NVNT	ac40 SISO	5270	Ant2	99.63	0.02	0.19
NVNT	ac40 SISO	5310	Ant2	99.9	0	0
NVNT	ac40 SISO	5510	Ant2	100	0	0
NVNT	ac40 SISO	5550	Ant2	100	0	0
NVNT	ac40 SISO	5710	Ant2	100	0	0
NVNT	ac40 SISO	5755	Ant2	99.63	0.02	0.19
NVNT	ac40 SISO	5795	Ant2	99.63	0.02	0.19
NVNT	ac40 MIMO	5190	Sum	99.9	0	0
NVNT	ac40 MIMO	5230	Sum	99.9	0	0
NVNT	ac40 MIMO	5270	Sum	99.9	0	0
NVNT	ac40 MIMO	5310	Sum	99.63	0.02	0.19
NVNT	ac40 MIMO	5510	Sum	100	0	0



NVNT	ac40 MIMO	5550	Sum	99.63	0.02	0.19
NVNT	ac40 MIMO	5710	Sum	99.9	0	0
NVNT	ac40 MIMO	5755	Sum	100	0	0
NVNT	ac40 MIMO	5795	Sum	99.9	0	0
NVNT	ac80 SISO	5210	Ant1	99.68	0.01	0.16
NVNT	ac80 SISO	5290	Ant1	99.68	0.01	0.16
NVNT	ac80 SISO	5530	Ant1	99.68	0.01	0.16
NVNT	ac80 SISO	5690	Ant1	99.36	0.03	0.32
NVNT	ac80 SISO	5775	Ant1	99.68	0.01	0.16
NVNT	ac80 SISO	5210	Ant2	99.36	0.03	0.32
NVNT	ac80 SISO	5290	Ant2	96.89	0.14	0.32
NVNT	ac80 SISO	5530	Ant2	99.9	0	0
NVNT	ac80 SISO	5690	Ant2	99.68	0.01	0.16
NVNT	ac80 SISO	5775	Ant2	96.89	0.14	0.32
NVNT	ac80 MIMO	5210	Sum	99.36	0.03	0.32
NVNT	ac80 MIMO	5290	Sum	97.2	0.12	0.32
NVNT	ac80 MIMO	5530	Sum	99.68	0.01	0.16
NVNT	ac80 MIMO	5690	Sum	99.68	0.01	0.16
NVNT	ac80 MIMO	5775	Sum	99.36	0.03	0.32
NVNT	ac160 SISO	5250	Ant1	100	0	0
NVNT	ac160 SISO	5570	Ant1	99.1	0.04	0.45
NVNT	ac160 SISO	5250	Ant2	100	0	0
NVNT	ac160 SISO	5570	Ant2	100	0	0
NVNT	ac160 MIMO	5250	Sum	99.1	0.04	0.45
NVNT	ac160 MIMO	5570	Sum	99.9	0	0
NVNT	ax20 SISO	5180	Ant1	99.63	0.02	0.19
NVNT	ax20 SISO	5220	Ant1	99.9	0	0
NVNT	ax20 SISO	5240	Ant1	99.9	0	0
NVNT	ax20 SISO	5260	Ant1	99.9	0	0
NVNT	ax20 SISO	5300	Ant1	99.9	0	0
NVNT	ax20 SISO	5320	Ant1	99.9	0	0
NVNT	ax20 SISO	5500	Ant1	99.9	0	0
NVNT	ax20 SISO	5580	Ant1	99.63	0.02	0.19
NVNT	ax20 SISO	5720	Ant1	99.9	0	0
NVNT	ax20 SISO	5745	Ant1	99.63	0.02	0.19
NVNT	ax20 SISO	5785	Ant1	99.9	0	0
NVNT	ax20 SISO	5825	Ant1	99.9	0	0
NVNT	ax20 SISO	5180	Ant2	99.9	0	0



NVNT	ax20 SISO	5220	Ant2	99.9	0	0
NVNT	ax20 SISO	5240	Ant2	99.9	0	0
NVNT	ax20 SISO	5260	Ant2	99.63	0.02	0.19
NVNT	ax20 SISO	5300	Ant2	99.9	0	0
NVNT	ax20 SISO	5320	Ant2	99.63	0.02	0.19
NVNT	ax20 SISO	5500	Ant2	99.9	0	0
NVNT	ax20 SISO	5580	Ant2	99.9	0	0
NVNT	ax20 SISO	5720	Ant2	99.63	0.02	0.19
NVNT	ax20 SISO	5745	Ant2	99.63	0.02	0.19
NVNT	ax20 SISO	5785	Ant2	99.9	0	0
NVNT	ax20 SISO	5825	Ant2	99.9	0	0
NVNT	ax20 MIMO	5180	Sum	99.9	0	0
NVNT	ax20 MIMO	5220	Sum	99.63	0.02	0.19
NVNT	ax20 MIMO	5240	Sum	99.9	0	0
NVNT	ax20 MIMO	5260	Sum	99.9	0	0
NVNT	ax20 MIMO	5300	Sum	99.9	0	0
NVNT	ax20 MIMO	5320	Sum	99.9	0	0
NVNT	ax20 MIMO	5500	Sum	99.63	0.02	0.19
NVNT	ax20 MIMO	5580	Sum	99.9	0	0
NVNT	ax20 MIMO	5720	Sum	99.63	0.02	0.19
NVNT	ax20 MIMO	5745	Sum	99.63	0.02	0.19
NVNT	ax20 MIMO	5785	Sum	100	0	0
NVNT	ax20 MIMO	5825	Sum	99.63	0.02	0.19
NVNT	ax40 SISO	5190	Ant1	100	0	0
NVNT	ax40 SISO	5230	Ant1	99.63	0.02	0.19
NVNT	ax40 SISO	5270	Ant1	99.63	0.02	0.19
NVNT	ax40 SISO	5310	Ant1	100	0	0
NVNT	ax40 SISO	5510	Ant1	99.63	0.02	0.19
NVNT	ax40 SISO	5550	Ant1	99.63	0.02	0.19
NVNT	ax40 SISO	5710	Ant1	100	0	0
NVNT	ax40 SISO	5755	Ant1	99.63	0.02	0.19
NVNT	ax40 SISO	5795	Ant1	100	0	0
NVNT	ax40 SISO	5190	Ant2	99.9	0	0
NVNT	ax40 SISO	5230	Ant2	99.63	0.02	0.19
NVNT	ax40 SISO	5270	Ant2	99.63	0.02	0.19
NVNT	ax40 SISO	5310	Ant2	100	0	0
NVNT	ax40 SISO	5510	Ant2	100	0	0
NVNT	ax40 SISO	5550	Ant2	99.63	0.02	0.19



NVNT	ax40 SISO	5710	Ant2	100	0	0
NVNT	ax40 SISO	5755	Ant2	100	0	0
NVNT	ax40 SISO	5795	Ant2	99.63	0.02	0.19
NVNT	ax40 MIMO	5190	Sum	99.63	0.02	0.19
NVNT	ax40 MIMO	5230	Sum	100	0	0
NVNT	ax40 MIMO	5270	Sum	100	0	0
NVNT	ax40 MIMO	5310	Sum	99.63	0.02	0.19
NVNT	ax40 MIMO	5510	Sum	99.63	0.02	0.19
NVNT	ax40 MIMO	5550	Sum	99.63	0.02	0.19
NVNT	ax40 MIMO	5710	Sum	99.63	0.02	0.19
NVNT	ax40 MIMO	5755	Sum	98.36	0.07	0.18
NVNT	ax40 MIMO	5795	Sum	99.63	0.02	0.19
NVNT	ax80 SISO	5210	Ant1	99.34	0.03	0.33
NVNT	ax80 SISO	5290	Ant1	99.67	0.01	0.17
NVNT	ax80 SISO	5530	Ant1	99.67	0.01	0.17
NVNT	ax80 SISO	5690	Ant1	99.34	0.03	0.33
NVNT	ax80 SISO	5775	Ant1	99.34	0.03	0.33
NVNT	ax80 SISO	5210	Ant2	99.9	0	0
NVNT	ax80 SISO	5290	Ant2	96.78	0.14	0.33
NVNT	ax80 SISO	5530	Ant2	99.34	0.03	0.33
NVNT	ax80 SISO	5690	Ant2	99.34	0.03	0.33
NVNT	ax80 SISO	5775	Ant2	99.67	0.01	0.17
NVNT	ax80 MIMO	5210	Sum	99.67	0.01	0.17
NVNT	ax80 MIMO	5290	Sum	96.78	0.14	0.33
NVNT	ax80 MIMO	5530	Sum	99.34	0.03	0.33
NVNT	ax80 MIMO	5690	Sum	99.67	0.01	0.17
NVNT	ax80 MIMO	5775	Sum	99.9	0	0
NVNT	ax160 SISO	5250	Ant1	99.9	0	0
NVNT	ax160 SISO	5570	Ant1	99.1	0.04	0.45
NVNT	ax160 SISO	5250	Ant2	100	0	0
NVNT	ax160 SISO	5570	Ant2	100	0	0
NVNT	ax160 MIMO	5250	Sum	99.1	0.04	0.45
NVNT	ax160 MIMO	5570	Sum	99.1	0.04	0.45
NVNT	ax20 26@0 SISO	5180	Ant1	99.9	0	0
NVNT	ax20 26@0 SISO	5220	Ant1	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	5240	Ant1	99.9	0	0
NVNT	ax20 26@0 SISO	5260	Ant1	99.9	0	0
NVNT	ax20 26@0 SISO	5300	Ant1	99.61	0.02	0.2



NVNT	ax20 26@0 SISO	5320	Ant1	99.9	0	0
NVNT	ax20 26@0 SISO	5500	Ant1	99.9	0	0
NVNT	ax20 26@0 SISO	5580	Ant1	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	5720	Ant1	99.9	0	0
NVNT	ax20 26@0 SISO	5745	Ant1	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	5785	Ant1	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	5825	Ant1	99.9	0	0
NVNT	ax20 26@0 SISO	5180	Ant2	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	5220	Ant2	99.9	0	0
NVNT	ax20 26@0 SISO	5240	Ant2	99.9	0	0
NVNT	ax20 26@0 SISO	5260	Ant2	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	5300	Ant2	99.9	0	0
NVNT	ax20 26@0 SISO	5320	Ant2	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	5500	Ant2	99.9	0	0
NVNT	ax20 26@0 SISO	5580	Ant2	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	5720	Ant2	99.9	0	0
NVNT	ax20 26@0 SISO	5745	Ant2	99.9	0	0
NVNT	ax20 26@0 SISO	5785	Ant2	99.9	0	0
NVNT	ax20 26@0 SISO	5825	Ant2	99.9	0	0
NVNT	ax20 26@0 MIMO	5180	Sum	99.61	0.02	0.2
NVNT	ax20 26@0 MIMO	5220	Sum	99.9	0	0
NVNT	ax20 26@0 MIMO	5240	Sum	99.9	0	0
NVNT	ax20 26@0 MIMO	5260	Sum	99.61	0.02	0.2
NVNT	ax20 26@0 MIMO	5300	Sum	99.61	0.02	0.2
NVNT	ax20 26@0 MIMO	5320	Sum	99.61	0.02	0.2
NVNT	ax20 26@0 MIMO	5500	Sum	99.9	0	0
NVNT	ax20 26@0 MIMO	5580	Sum	99.9	0	0
NVNT	ax20 26@0 MIMO	5720	Sum	99.9	0	0
NVNT	ax20 26@0 MIMO	5745	Sum	99.61	0.02	0.2
NVNT	ax20 26@0 MIMO	5785	Sum	99.9	0	0
NVNT	ax20 26@0 MIMO	5825	Sum	99.9	0	0
NVNT	ax20 52@37 SISO	5180	Ant1	99.9	0	0
NVNT	ax20 52@37 SISO	5220	Ant1	99.9	0	0
NVNT	ax20 52@37 SISO	5240	Ant1	99.9	0	0
NVNT	ax20 52@37 SISO	5260	Ant1	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	5300	Ant1	99.9	0	0
NVNT	ax20 52@37 SISO	5320	Ant1	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	5500	Ant1	99.61	0.02	0.2



NVNT	ax20 52@37 SISO	5580	Ant1	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	5720	Ant1	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	5745	Ant1	99.9	0	0
NVNT	ax20 52@37 SISO	5785	Ant1	99.9	0	0
NVNT	ax20 52@37 SISO	5825	Ant1	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	5180	Ant2	99.9	0	0
NVNT	ax20 52@37 SISO	5220	Ant2	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	5240	Ant2	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	5260	Ant2	99.9	0	0
NVNT	ax20 52@37 SISO	5300	Ant2	99.9	0	0
NVNT	ax20 52@37 SISO	5320	Ant2	99.9	0	0
NVNT	ax20 52@37 SISO	5500	Ant2	99.9	0	0
NVNT	ax20 52@37 SISO	5580	Ant2	99.9	0	0
NVNT	ax20 52@37 SISO	5720	Ant2	99.9	0	0
NVNT	ax20 52@37 SISO	5745	Ant2	99.9	0	0
NVNT	ax20 52@37 SISO	5785	Ant2	99.9	0	0
NVNT	ax20 52@37 SISO	5825	Ant2	100	0	0
NVNT	ax20 52@37 MIMO	5180	Sum	99.61	0.02	0.2
NVNT	ax20 52@37 MIMO	5220	Sum	99.61	0.02	0.2
NVNT	ax20 52@37 MIMO	5240	Sum	99.61	0.02	0.2
NVNT	ax20 52@37 MIMO	5260	Sum	99.61	0.02	0.2
NVNT	ax20 52@37 MIMO	5300	Sum	99.9	0	0
NVNT	ax20 52@37 MIMO	5320	Sum	99.61	0.02	0.2
NVNT	ax20 52@37 MIMO	5500	Sum	99.9	0	0
NVNT	ax20 52@37 MIMO	5580	Sum	99.61	0.02	0.2
NVNT	ax20 52@37 MIMO	5720	Sum	99.9	0	0
NVNT	ax20 52@37 MIMO	5745	Sum	99.9	0	0
NVNT	ax20 52@37 MIMO	5785	Sum	99.9	0	0
NVNT	ax20 52@37 MIMO	5825	Sum	99.61	0.02	0.2
NVNT	ax20 106@53 SISO	5180	Ant1	99.9	0	0
NVNT	ax20 106@53 SISO	5220	Ant1	99.9	0	0
NVNT	ax20 106@53 SISO	5240	Ant1	99.9	0	0
NVNT	ax20 106@53 SISO	5260	Ant1	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	5300	Ant1	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	5320	Ant1	99.9	0	0
NVNT	ax20 106@53 SISO	5500	Ant1	99.9	0	0
NVNT	ax20 106@53 SISO	5580	Ant1	99.9	0	0
NVNT	ax20 106@53 SISO	5720	Ant1	99.9	0	0



NVNT	ax20 106@53 SISO	5745	Ant1	99.9	0	0
NVNT	ax20 106@53 SISO	5785	Ant1	99.9	0	0
NVNT	ax20 106@53 SISO	5825	Ant1	99.9	0	0
NVNT	ax20 106@53 SISO	5180	Ant2	99.9	0	0
NVNT	ax20 106@53 SISO	5220	Ant2	99.9	0	0
NVNT	ax20 106@53 SISO	5240	Ant2	99.9	0	0
NVNT	ax20 106@53 SISO	5260	Ant2	99.9	0	0
NVNT	ax20 106@53 SISO	5300	Ant2	99.9	0	0
NVNT	ax20 106@53 SISO	5320	Ant2	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	5500	Ant2	99.9	0	0
NVNT	ax20 106@53 SISO	5580	Ant2	99.9	0	0
NVNT	ax20 106@53 SISO	5720	Ant2	99.9	0	0
NVNT	ax20 106@53 SISO	5745	Ant2	99.9	0	0
NVNT	ax20 106@53 SISO	5785	Ant2	99.9	0	0
NVNT	ax20 106@53 SISO	5825	Ant2	99.9	0	0
NVNT	ax20 106@53 MIMO	5180	Sum	99.79	0.01	0.1
NVNT	ax20 106@53 MIMO	5220	Sum	99.58	0.02	0.21
NVNT	ax20 106@53 MIMO	5240	Sum	99.9	0	0
NVNT	ax20 106@53 MIMO	5260	Sum	99.9	0	0
NVNT	ax20 106@53 MIMO	5300	Sum	99.9	0	0
NVNT	ax20 106@53 MIMO	5320	Sum	99.9	0	0
NVNT	ax20 106@53 MIMO	5500	Sum	99.58	0.02	0.21
NVNT	ax20 106@53 MIMO	5580	Sum	99.9	0	0
NVNT	ax20 106@53 MIMO	5720	Sum	99.9	0	0
NVNT	ax20 106@53 MIMO	5745	Sum	99.9	0	0
NVNT	ax20 106@53 MIMO	5785	Sum	99.9	0	0
NVNT	ax20 106@53 MIMO	5825	Sum	99.58	0.02	0.21
NVNT	ax40 26@0 SISO	5190	Ant1	99.9	0	0
NVNT	ax40 26@0 SISO	5190	Ant2	99.9	0	0
NVNT	ax40 26@0 MIMO	5190	Sum	99.9	0	0
NVNT	ax40 52@37 SISO	5190	Ant1	100	0	0
NVNT	ax40 52@37 SISO	5190	Ant2	99.9	0	0
NVNT	ax40 52@37 MIMO	5190	Sum	99.61	0.02	0.2
NVNT	ax40 106@53 SISO	5190	Ant1	99.9	0	0
NVNT	ax40 106@53 SISO	5190	Ant2	99.58	0.02	0.21
NVNT	ax40 106@53 MIMO	5190	Sum	99.9	0	0
NVNT	ax40 242@61 SISO	5190	Ant1	99.27	0.03	0.37
NVNT	ax40 242@61 SISO	5190	Ant2	99.27	0.03	0.37



NVNT	ax40 242@61 MIMO	5190	Sum	99.27	0.03	0.37
NVNT	ax80 26@0 SISO	5210	Ant1	99.61	0.02	0.2
NVNT	ax80 26@0 SISO	5210	Ant2	99.61	0.02	0.2
NVNT	ax80 26@0 MIMO	5210	Sum	99.9	0	0
NVNT	ax80 52@37 SISO	5210	Ant1	99.61	0.02	0.2
NVNT	ax80 52@37 SISO	5210	Ant2	100	0	0
NVNT	ax80 52@37 MIMO	5210	Sum	100	0	0
NVNT	ax80 106@53 SISO	5210	Ant1	99.9	0	0
NVNT	ax80 106@53 SISO	5210	Ant2	99.58	0.02	0.21
NVNT	ax80 106@53 MIMO	5210	Sum	99.58	0.02	0.21
NVNT	ax80 242@61 SISO	5210	Ant1	99.9	0	0
NVNT	ax80 242@61 SISO	5210	Ant2	99.27	0.03	0.37
NVNT	ax80 242@61 MIMO	5210	Sum	99.9	0	0
NVNT	ax80 484@65 SISO	5210	Ant1	98.59	0.06	0.71
NVNT	ax80 484@65 SISO	5210	Ant2	98.59	0.06	0.71
NVNT	ax80 484@65 MIMO	5210	Sum	98.59	0.06	0.71
NVNT	ax160 26@0 SISO	5250	Ant1	99.61	0.02	0.2
NVNT	ax160 26@0 SISO	5250	Ant2	99.9	0	0
NVNT	ax160 26@0 MIMO	5250	Sum	99.61	0.02	0.2
NVNT	ax160 52@74 SISO	5250	Ant1	100	0	0
NVNT	ax160 52@74 SISO	5250	Ant2	99.61	0.02	0.2
NVNT	ax160 52@74 MIMO	5250	Sum	99.61	0.02	0.2
NVNT	ax160 106@106 SISO	5250	Ant1	99.9	0	0
NVNT	ax160 106@106 SISO	5250	Ant2	99.9	0	0
NVNT	ax160 106@106 MIMO	5250	Sum	99.9	0	0
NVNT	ax160 242@122 SISO	5250	Ant1	99.9	0	0
NVNT	ax160 242@122 SISO	5250	Ant2	99.27	0.03	0.37
NVNT	ax160 242@122 MIMO	5250	Sum	99.9	0	0
NVNT	ax160 484@130 SISO	5250	Ant1	98.59	0.06	0.71
NVNT	ax160 484@130 SISO	5250	Ant2	98.59	0.06	0.71
NVNT	ax160 484@130 MIMO	5250	Sum	99.9	0	0
NVNT	ax160 966@134 SISO	5250	Ant1	99.27	0.03	0.37
NVNT	ax160 966@134 SISO	5250	Ant2	99.27	0.03	0.37
NVNT	ax160 966@134 MIMO	5250	Sum	99.27	0.03	0.37

**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	18.77	0.07534	24	Pass
NVNT	a SISO	5220	Ant1	18.38	0.06887	24	Pass
NVNT	a SISO	5240	Ant1	18.15	0.06531	24	Pass
NVNT	a SISO	5260	Ant1	18.57	0.07194	23.9	Pass
NVNT	a SISO	5300	Ant1	18.65	0.07328	23.78	Pass
NVNT	a SISO	5320	Ant1	18.59	0.07228	23.8	Pass
NVNT	a SISO	5500	Ant1	18.93	0.07816	23.79	Pass
NVNT	a SISO	5580	Ant1	19.07	0.08072	23.84	Pass
NVNT	a SISO	5720	Ant1	18.62	0.07278	23.83	Pass
NVNT	a SISO	5745	Ant1	18.33	0.06808	30	Pass
NVNT	a SISO	5785	Ant1	18.44	0.06982	30	Pass
NVNT	a SISO	5825	Ant1	18.72	0.07447	30	Pass
NVNT	a SISO	5180	Ant2	18.48	0.07047	24	Pass
NVNT	a SISO	5220	Ant2	18.46	0.07015	24	Pass
NVNT	a SISO	5240	Ant2	17.94	0.06223	24	Pass
NVNT	a SISO	5260	Ant2	17.5	0.05623	24	Pass
NVNT	a SISO	5300	Ant2	17.84	0.06081	24	Pass
NVNT	a SISO	5320	Ant2	18.06	0.06397	24	Pass
NVNT	a SISO	5500	Ant2	18.09	0.06442	24	Pass
NVNT	a SISO	5580	Ant2	18.04	0.06368	24	Pass
NVNT	a SISO	5720	Ant2	17.35	0.05433	24	Pass
NVNT	a SISO	5745	Ant2	17.42	0.05521	30	Pass
NVNT	a SISO	5785	Ant2	17.8	0.06026	30	Pass
NVNT	a SISO	5825	Ant2	18.09	0.06442	30	Pass
NVNT	n20 SISO	5180	Ant1	17.18	0.05224	24	Pass
NVNT	n20 SISO	5220	Ant1	16.93	0.04932	24	Pass
NVNT	n20 SISO	5240	Ant1	16.64	0.04613	24	Pass
NVNT	n20 SISO	5260	Ant1	16.93	0.04932	24	Pass
NVNT	n20 SISO	5300	Ant1	17.1	0.05129	24	Pass
NVNT	n20 SISO	5320	Ant1	17	0.05012	24	Pass
NVNT	n20 SISO	5500	Ant1	17.49	0.0561	24	Pass
NVNT	n20 SISO	5580	Ant1	17.46	0.05572	24	Pass
NVNT	n20 SISO	5720	Ant1	17.54	0.05675	24	Pass



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NVNT	n20 SISO	5745	Ant1	17.15	0.05188	30	Pass
NVNT	n20 SISO	5785	Ant1	17.25	0.05309	30	Pass
NVNT	n20 SISO	5825	Ant1	17.5	0.05623	30	Pass
NVNT	n20 SISO	5180	Ant2	17.37	0.05458	24	Pass
NVNT	n20 SISO	5220	Ant2	17.43	0.05534	24	Pass
NVNT	n20 SISO	5240	Ant2	16.85	0.04842	24	Pass
NVNT	n20 SISO	5260	Ant2	16.46	0.04426	24	Pass
NVNT	n20 SISO	5300	Ant2	16.83	0.04819	24	Pass
NVNT	n20 SISO	5320	Ant2	17.01	0.05023	24	Pass
NVNT	n20 SISO	5500	Ant2	17.11	0.0514	24	Pass
NVNT	n20 SISO	5580	Ant2	16.95	0.04955	24	Pass
NVNT	n20 SISO	5720	Ant2	17.02	0.05035	24	Pass
NVNT	n20 SISO	5745	Ant2	17.15	0.05188	30	Pass
NVNT	n20 SISO	5785	Ant2	17.53	0.05662	30	Pass
NVNT	n20 SISO	5825	Ant2	17	0.05012	30	Pass
NVNT	n20 MIMO	5180	Ant1	17.12	0.05152	24	Pass
NVNT	n20 MIMO	5180	Ant2	17.54	0.05675	24	Pass
NVNT	n20 MIMO	5180	Sum	20.35	0.10828	24	Pass
NVNT	n20 MIMO	5220	Ant1	16.93	0.04932	24	Pass
NVNT	n20 MIMO	5220	Ant2	17.47	0.05585	24	Pass
NVNT	n20 MIMO	5220	Sum	20.22	0.10516	24	Pass
NVNT	n20 MIMO	5240	Ant1	16.61	0.04581	24	Pass
NVNT	n20 MIMO	5240	Ant2	16.96	0.04966	24	Pass
NVNT	n20 MIMO	5240	Sum	19.8	0.09547	24	Pass
NVNT	n20 MIMO	5260	Ant1	16.94	0.04943	24	Pass
NVNT	n20 MIMO	5260	Ant2	16.45	0.04416	24	Pass
NVNT	n20 MIMO	5260	Sum	19.71	0.09359	24	Pass
NVNT	n20 MIMO	5300	Ant1	17.11	0.0514	24	Pass
NVNT	n20 MIMO	5300	Ant2	16.74	0.04721	24	Pass
NVNT	n20 MIMO	5300	Sum	19.94	0.09861	24	Pass
NVNT	n20 MIMO	5320	Ant1	17	0.05012	24	Pass
NVNT	n20 MIMO	5320	Ant2	16.81	0.04797	24	Pass
NVNT	n20 MIMO	5320	Sum	19.92	0.09809	24	Pass
NVNT	n20 MIMO	5500	Ant1	17.46	0.05572	24	Pass
NVNT	n20 MIMO	5500	Ant2	16.72	0.04699	24	Pass
NVNT	n20 MIMO	5500	Sum	20.12	0.10271	24	Pass
NVNT	n20 MIMO	5580	Ant1	17.47	0.05585	24	Pass
NVNT	n20 MIMO	5580	Ant2	16.59	0.0456	24	Pass



NVNT	n20 MIMO	5580	Sum	20.06	0.10145	24	Pass
NVNT	n20 MIMO	5720	Ant1	17.49	0.0561	24	Pass
NVNT	n20 MIMO	5720	Ant2	16.69	0.04667	24	Pass
NVNT	n20 MIMO	5720	Sum	20.12	0.10277	24	Pass
NVNT	n20 MIMO	5745	Ant1	17.11	0.0514	30	Pass
NVNT	n20 MIMO	5745	Ant2	16.66	0.04634	30	Pass
NVNT	n20 MIMO	5745	Sum	19.9	0.09775	30	Pass
NVNT	n20 MIMO	5785	Ant1	17.18	0.05224	30	Pass
NVNT	n20 MIMO	5785	Ant2	17.13	0.05164	30	Pass
NVNT	n20 MIMO	5785	Sum	20.17	0.10388	30	Pass
NVNT	n20 MIMO	5825	Ant1	17.48	0.05598	30	Pass
NVNT	n20 MIMO	5825	Ant2	16.6	0.04571	30	Pass
NVNT	n20 MIMO	5825	Sum	20.07	0.10168	30	Pass
NVNT	n40 SISO	5190	Ant1	18.16	0.06546	24	Pass
NVNT	n40 SISO	5230	Ant1	17.89	0.06152	24	Pass
NVNT	n40 SISO	5270	Ant1	17.78	0.05998	24	Pass
NVNT	n40 SISO	5310	Ant1	18.12	0.06486	24	Pass
NVNT	n40 SISO	5510	Ant1	18.56	0.07178	24	Pass
NVNT	n40 SISO	5550	Ant1	18.73	0.07464	24	Pass
NVNT	n40 SISO	5710	Ant1	18.67	0.07362	24	Pass
NVNT	n40 SISO	5755	Ant1	18.52	0.07112	30	Pass
NVNT	n40 SISO	5795	Ant1	18.71	0.0743	30	Pass
NVNT	n40 SISO	5190	Ant2	18.73	0.07464	24	Pass
NVNT	n40 SISO	5230	Ant2	18.53	0.07129	24	Pass
NVNT	n40 SISO	5270	Ant2	18.01	0.06324	24	Pass
NVNT	n40 SISO	5310	Ant2	18.1	0.06457	24	Pass
NVNT	n40 SISO	5510	Ant2	18.3	0.06761	24	Pass
NVNT	n40 SISO	5550	Ant2	18.02	0.06339	24	Pass
NVNT	n40 SISO	5710	Ant2	18.47	0.07031	24	Pass
NVNT	n40 SISO	5755	Ant2	18.98	0.07907	30	Pass
NVNT	n40 SISO	5795	Ant2	18.4	0.06918	30	Pass
NVNT	n40 MIMO	5190	Ant1	18.1	0.06457	24	Pass
NVNT	n40 MIMO	5190	Ant2	18.59	0.07228	24	Pass
NVNT	n40 MIMO	5190	Sum	21.36	0.13684	24	Pass
NVNT	n40 MIMO	5230	Ant1	17.82	0.06053	24	Pass
NVNT	n40 MIMO	5230	Ant2	18.36	0.06855	24	Pass
NVNT	n40 MIMO	5230	Sum	21.11	0.12908	24	Pass
NVNT	n40 MIMO	5270	Ant1	17.73	0.05929	24	Pass



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NVNT	n40 MIMO	5270	Ant2	17.84	0.06081	24	Pass
NVNT	n40 MIMO	5270	Sum	20.8	0.12011	24	Pass
NVNT	n40 MIMO	5310	Ant1	18.1	0.06457	24	Pass
NVNT	n40 MIMO	5310	Ant2	17.9	0.06166	24	Pass
NVNT	n40 MIMO	5310	Sum	21.01	0.12622	24	Pass
NVNT	n40 MIMO	5510	Ant1	18.51	0.07096	24	Pass
NVNT	n40 MIMO	5510	Ant2	17.82	0.06053	24	Pass
NVNT	n40 MIMO	5510	Sum	21.19	0.13149	24	Pass
NVNT	n40 MIMO	5550	Ant1	18.7	0.07413	24	Pass
NVNT	n40 MIMO	5550	Ant2	17.6	0.05754	24	Pass
NVNT	n40 MIMO	5550	Sum	21.2	0.13168	24	Pass
NVNT	n40 MIMO	5710	Ant1	18.7	0.07413	24	Pass
NVNT	n40 MIMO	5710	Ant2	18.09	0.06442	24	Pass
NVNT	n40 MIMO	5710	Sum	21.42	0.13855	24	Pass
NVNT	n40 MIMO	5755	Ant1	18.47	0.07031	30	Pass
NVNT	n40 MIMO	5755	Ant2	18.61	0.07261	30	Pass
NVNT	n40 MIMO	5755	Sum	21.55	0.14292	30	Pass
NVNT	n40 MIMO	5795	Ant1	18.64	0.07311	30	Pass
NVNT	n40 MIMO	5795	Ant2	17.96	0.06252	30	Pass
NVNT	n40 MIMO	5795	Sum	21.32	0.13563	30	Pass
NVNT	ac20 SISO	5180	Ant1	17.11	0.0514	24	Pass
NVNT	ac20 SISO	5220	Ant1	16.91	0.04909	24	Pass
NVNT	ac20 SISO	5240	Ant1	16.59	0.0456	24	Pass
NVNT	ac20 SISO	5260	Ant1	16.96	0.04966	24	Pass
NVNT	ac20 SISO	5300	Ant1	17.08	0.05105	24	Pass
NVNT	ac20 SISO	5320	Ant1	16.94	0.04943	24	Pass
NVNT	ac20 SISO	5500	Ant1	17.39	0.05483	24	Pass
NVNT	ac20 SISO	5580	Ant1	17.44	0.05546	24	Pass
NVNT	ac20 SISO	5720	Ant1	17.44	0.05546	24	Pass
NVNT	ac20 SISO	5745	Ant1	17.14	0.05176	30	Pass
NVNT	ac20 SISO	5785	Ant1	17.25	0.05309	30	Pass
NVNT	ac20 SISO	5825	Ant1	17.48	0.05598	30	Pass
NVNT	ac20 SISO	5180	Ant2	17.37	0.05458	24	Pass
NVNT	ac20 SISO	5220	Ant2	17.37	0.05458	24	Pass
NVNT	ac20 SISO	5240	Ant2	16.92	0.0492	24	Pass
NVNT	ac20 SISO	5260	Ant2	16.46	0.04426	24	Pass
NVNT	ac20 SISO	5300	Ant2	16.84	0.04831	24	Pass
NVNT	ac20 SISO	5320	Ant2	16.94	0.04943	24	Pass



NVNT	ac20 SISO	5500	Ant2	17.08	0.05105	24	Pass
NVNT	ac20 SISO	5580	Ant2	16.88	0.04875	24	Pass
NVNT	ac20 SISO	5720	Ant2	17.08	0.05105	24	Pass
NVNT	ac20 SISO	5745	Ant2	17.09	0.05117	30	Pass
NVNT	ac20 SISO	5785	Ant2	17.5	0.05623	30	Pass
NVNT	ac20 SISO	5825	Ant2	16.97	0.04977	30	Pass
NVNT	ac20 MIMO	5180	Ant1	17.05	0.0507	24	Pass
NVNT	ac20 MIMO	5180	Ant2	17.51	0.05636	24	Pass
NVNT	ac20 MIMO	5180	Sum	20.3	0.10706	24	Pass
NVNT	ac20 MIMO	5220	Ant1	16.86	0.04853	24	Pass
NVNT	ac20 MIMO	5220	Ant2	17.47	0.05585	24	Pass
NVNT	ac20 MIMO	5220	Sum	20.19	0.10438	24	Pass
NVNT	ac20 MIMO	5240	Ant1	16.62	0.04592	24	Pass
NVNT	ac20 MIMO	5240	Ant2	16.84	0.04831	24	Pass
NVNT	ac20 MIMO	5240	Sum	19.74	0.09423	24	Pass
NVNT	ac20 MIMO	5260	Ant1	16.85	0.04842	24	Pass
NVNT	ac20 MIMO	5260	Ant2	16.34	0.04305	24	Pass
NVNT	ac20 MIMO	5260	Sum	19.61	0.09147	24	Pass
NVNT	ac20 MIMO	5300	Ant1	17.05	0.0507	24	Pass
NVNT	ac20 MIMO	5300	Ant2	16.66	0.04634	24	Pass
NVNT	ac20 MIMO	5300	Sum	19.87	0.09704	24	Pass
NVNT	ac20 MIMO	5320	Ant1	16.91	0.04909	24	Pass
NVNT	ac20 MIMO	5320	Ant2	16.84	0.04831	24	Pass
NVNT	ac20 MIMO	5320	Sum	19.89	0.0974	24	Pass
NVNT	ac20 MIMO	5500	Ant1	17.38	0.0547	24	Pass
NVNT	ac20 MIMO	5500	Ant2	16.66	0.04634	24	Pass
NVNT	ac20 MIMO	5500	Sum	20.05	0.10105	24	Pass
NVNT	ac20 MIMO	5580	Ant1	17.46	0.05572	24	Pass
NVNT	ac20 MIMO	5580	Ant2	16.59	0.0456	24	Pass
NVNT	ac20 MIMO	5580	Sum	20.06	0.10132	24	Pass
NVNT	ac20 MIMO	5720	Ant1	17.49	0.0561	24	Pass
NVNT	ac20 MIMO	5720	Ant2	16.7	0.04677	24	Pass
NVNT	ac20 MIMO	5720	Sum	20.12	0.10288	24	Pass
NVNT	ac20 MIMO	5745	Ant1	17.1	0.05129	30	Pass
NVNT	ac20 MIMO	5745	Ant2	16.73	0.0471	30	Pass
NVNT	ac20 MIMO	5745	Sum	19.93	0.09838	30	Pass
NVNT	ac20 MIMO	5785	Ant1	17.22	0.05272	30	Pass
NVNT	ac20 MIMO	5785	Ant2	17.15	0.05188	30	Pass



NVNT	ac20 MIMO	5785	Sum	20.2	0.1046	30	Pass
NVNT	ac20 MIMO	5825	Ant1	17.47	0.05585	30	Pass
NVNT	ac20 MIMO	5825	Ant2	16.61	0.04581	30	Pass
NVNT	ac20 MIMO	5825	Sum	20.07	0.10166	30	Pass
NVNT	ac40 SISO	5190	Ant1	18.16	0.06546	24	Pass
NVNT	ac40 SISO	5230	Ant1	17.87	0.06124	24	Pass
NVNT	ac40 SISO	5270	Ant1	17.79	0.06012	24	Pass
NVNT	ac40 SISO	5310	Ant1	18.08	0.06427	24	Pass
NVNT	ac40 SISO	5510	Ant1	18.5	0.07079	24	Pass
NVNT	ac40 SISO	5550	Ant1	18.77	0.07534	24	Pass
NVNT	ac40 SISO	5710	Ant1	18.72	0.07447	24	Pass
NVNT	ac40 SISO	5755	Ant1	18.55	0.07161	30	Pass
NVNT	ac40 SISO	5795	Ant1	18.69	0.07396	30	Pass
NVNT	ac40 SISO	5190	Ant2	18.72	0.07447	24	Pass
NVNT	ac40 SISO	5230	Ant2	18.52	0.07112	24	Pass
NVNT	ac40 SISO	5270	Ant2	18.02	0.06339	24	Pass
NVNT	ac40 SISO	5310	Ant2	18.12	0.06486	24	Pass
NVNT	ac40 SISO	5510	Ant2	18.21	0.06622	24	Pass
NVNT	ac40 SISO	5550	Ant2	18.06	0.06397	24	Pass
NVNT	ac40 SISO	5710	Ant2	18.51	0.07096	24	Pass
NVNT	ac40 SISO	5755	Ant2	18.96	0.0787	30	Pass
NVNT	ac40 SISO	5795	Ant2	18.42	0.0695	30	Pass
NVNT	ac40 MIMO	5190	Ant1	18.07	0.06412	24	Pass
NVNT	ac40 MIMO	5190	Ant2	18.68	0.07379	24	Pass
NVNT	ac40 MIMO	5190	Sum	21.4	0.13791	24	Pass
NVNT	ac40 MIMO	5230	Ant1	17.8	0.06026	24	Pass
NVNT	ac40 MIMO	5230	Ant2	18.43	0.06966	24	Pass
NVNT	ac40 MIMO	5230	Sum	21.14	0.12992	24	Pass
NVNT	ac40 MIMO	5270	Ant1	17.77	0.05984	24	Pass
NVNT	ac40 MIMO	5270	Ant2	17.76	0.0597	24	Pass
NVNT	ac40 MIMO	5270	Sum	20.78	0.11954	24	Pass
NVNT	ac40 MIMO	5310	Ant1	18	0.0631	24	Pass
NVNT	ac40 MIMO	5310	Ant2	17.94	0.06223	24	Pass
NVNT	ac40 MIMO	5310	Sum	20.98	0.12533	24	Pass
NVNT	ac40 MIMO	5510	Ant1	18.5	0.07079	24	Pass
NVNT	ac40 MIMO	5510	Ant2	17.86	0.06109	24	Pass
NVNT	ac40 MIMO	5510	Sum	21.2	0.13189	24	Pass
NVNT	ac40 MIMO	5550	Ant1	18.73	0.07464	24	Pass



NVNT	ac40 MIMO	5550	Ant2	17.55	0.05689	24	Pass
NVNT	ac40 MIMO	5550	Sum	21.19	0.13153	24	Pass
NVNT	ac40 MIMO	5710	Ant1	18.68	0.07379	24	Pass
NVNT	ac40 MIMO	5710	Ant2	18.15	0.06531	24	Pass
NVNT	ac40 MIMO	5710	Sum	21.43	0.1391	24	Pass
NVNT	ac40 MIMO	5755	Ant1	18.43	0.06966	30	Pass
NVNT	ac40 MIMO	5755	Ant2	18.61	0.07261	30	Pass
NVNT	ac40 MIMO	5755	Sum	21.53	0.14227	30	Pass
NVNT	ac40 MIMO	5795	Ant1	18.5	0.07079	30	Pass
NVNT	ac40 MIMO	5795	Ant2	17.95	0.06237	30	Pass
NVNT	ac40 MIMO	5795	Sum	21.24	0.13317	30	Pass
NVNT	ac80 SISO	5210	Ant1	16.58	0.0455	24	Pass
NVNT	ac80 SISO	5290	Ant1	15.97	0.03954	24	Pass
NVNT	ac80 SISO	5530	Ant1	16.83	0.04819	24	Pass
NVNT	ac80 SISO	5690	Ant1	17.06	0.05082	24	Pass
NVNT	ac80 SISO	5775	Ant1	16.69	0.04667	30	Pass
NVNT	ac80 SISO	5210	Ant2	16.86	0.04853	24	Pass
NVNT	ac80 SISO	5290	Ant2	16.49	0.04457	24	Pass
NVNT	ac80 SISO	5530	Ant2	16.58	0.0455	24	Pass
NVNT	ac80 SISO	5690	Ant2	16.69	0.04667	24	Pass
NVNT	ac80 SISO	5775	Ant2	17.14	0.05176	30	Pass
NVNT	ac80 MIMO	5210	Ant1	16.44	0.04406	24	Pass
NVNT	ac80 MIMO	5210	Ant2	16.64	0.04613	24	Pass
NVNT	ac80 MIMO	5210	Sum	19.55	0.09019	24	Pass
NVNT	ac80 MIMO	5290	Ant1	16.14	0.04111	24	Pass
NVNT	ac80 MIMO	5290	Ant2	16.2	0.04169	24	Pass
NVNT	ac80 MIMO	5290	Sum	19.18	0.0828	24	Pass
NVNT	ac80 MIMO	5530	Ant1	17.15	0.05188	24	Pass
NVNT	ac80 MIMO	5530	Ant2	16.16	0.0413	24	Pass
NVNT	ac80 MIMO	5530	Sum	19.69	0.09318	24	Pass
NVNT	ac80 MIMO	5690	Ant1	17.14	0.05176	24	Pass
NVNT	ac80 MIMO	5690	Ant2	16.37	0.04335	24	Pass
NVNT	ac80 MIMO	5690	Sum	19.78	0.09511	24	Pass
NVNT	ac80 MIMO	5775	Ant1	16.74	0.04721	30	Pass
NVNT	ac80 MIMO	5775	Ant2	16.9	0.04898	30	Pass
NVNT	ac80 MIMO	5775	Sum	19.83	0.09618	30	Pass
NVNT	ac160 SISO	5250	Ant1	16.39	0.04355	24	Pass
NVNT	ac160 SISO	5570	Ant1	17.07	0.05093	24	Pass



NVNT	ac160 SISO	5250	Ant2	16.2	0.04169	24	Pass
NVNT	ac160 SISO	5570	Ant2	16.67	0.04645	24	Pass
NVNT	ac160 MIMO	5250	Ant1	16.37	0.04335	24	Pass
NVNT	ac160 MIMO	5250	Ant2	15.96	0.03945	24	Pass
NVNT	ac160 MIMO	5250	Sum	19.18	0.0828	24	Pass
NVNT	ac160 MIMO	5570	Ant1	17.16	0.052	24	Pass
NVNT	ac160 MIMO	5570	Ant2	16.24	0.04207	24	Pass
NVNT	ac160 MIMO	5570	Sum	19.73	0.09407	24	Pass
NVNT	ax20 SISO	5180	Ant1	17.26	0.05321	24	Pass
NVNT	ax20 SISO	5220	Ant1	17.07	0.05093	24	Pass
NVNT	ax20 SISO	5240	Ant1	16.82	0.04808	24	Pass
NVNT	ax20 SISO	5260	Ant1	17.18	0.05224	24	Pass
NVNT	ax20 SISO	5300	Ant1	17.24	0.05297	24	Pass
NVNT	ax20 SISO	5320	Ant1	17.17	0.05212	24	Pass
NVNT	ax20 SISO	5500	Ant1	17.71	0.05902	24	Pass
NVNT	ax20 SISO	5580	Ant1	17.65	0.05821	24	Pass
NVNT	ax20 SISO	5720	Ant1	17.67	0.05848	24	Pass
NVNT	ax20 SISO	5745	Ant1	17.41	0.05508	30	Pass
NVNT	ax20 SISO	5785	Ant1	17.48	0.05598	30	Pass
NVNT	ax20 SISO	5825	Ant1	17.77	0.05984	30	Pass
NVNT	ax20 SISO	5180	Ant2	17.6	0.05754	24	Pass
NVNT	ax20 SISO	5220	Ant2	17.63	0.05794	24	Pass
NVNT	ax20 SISO	5240	Ant2	17.09	0.05117	24	Pass
NVNT	ax20 SISO	5260	Ant2	16.71	0.04688	24	Pass
NVNT	ax20 SISO	5300	Ant2	17.01	0.05023	24	Pass
NVNT	ax20 SISO	5320	Ant2	17.19	0.05236	24	Pass
NVNT	ax20 SISO	5500	Ant2	17.3	0.0537	24	Pass
NVNT	ax20 SISO	5580	Ant2	17.22	0.05272	24	Pass
NVNT	ax20 SISO	5720	Ant2	17.36	0.05445	24	Pass
NVNT	ax20 SISO	5745	Ant2	17.35	0.05433	30	Pass
NVNT	ax20 SISO	5785	Ant2	17.78	0.05998	30	Pass
NVNT	ax20 SISO	5825	Ant2	17.23	0.05284	30	Pass
NVNT	ax20 MIMO	5180	Ant1	17.35	0.05433	24	Pass
NVNT	ax20 MIMO	5180	Ant2	17.77	0.05984	24	Pass
NVNT	ax20 MIMO	5180	Sum	20.58	0.11417	24	Pass
NVNT	ax20 MIMO	5220	Ant1	17.13	0.05164	24	Pass
NVNT	ax20 MIMO	5220	Ant2	17.73	0.05929	24	Pass
NVNT	ax20 MIMO	5220	Sum	20.45	0.11093	24	Pass



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NVNT	ax20 MIMO	5240	Ant1	16.82	0.04808	24	Pass
NVNT	ax20 MIMO	5240	Ant2	17.14	0.05176	24	Pass
NVNT	ax20 MIMO	5240	Sum	19.99	0.09984	24	Pass
NVNT	ax20 MIMO	5260	Ant1	17.16	0.052	24	Pass
NVNT	ax20 MIMO	5260	Ant2	16.63	0.04603	24	Pass
NVNT	ax20 MIMO	5260	Sum	19.91	0.09803	24	Pass
NVNT	ax20 MIMO	5300	Ant1	17.28	0.05346	24	Pass
NVNT	ax20 MIMO	5300	Ant2	16.96	0.04966	24	Pass
NVNT	ax20 MIMO	5300	Sum	20.13	0.10312	24	Pass
NVNT	ax20 MIMO	5320	Ant1	17.16	0.052	24	Pass
NVNT	ax20 MIMO	5320	Ant2	17.05	0.0507	24	Pass
NVNT	ax20 MIMO	5320	Sum	20.12	0.1027	24	Pass
NVNT	ax20 MIMO	5500	Ant1	17.65	0.05821	24	Pass
NVNT	ax20 MIMO	5500	Ant2	16.9	0.04898	24	Pass
NVNT	ax20 MIMO	5500	Sum	20.3	0.10719	24	Pass
NVNT	ax20 MIMO	5580	Ant1	17.66	0.05834	24	Pass
NVNT	ax20 MIMO	5580	Ant2	16.8	0.04786	24	Pass
NVNT	ax20 MIMO	5580	Sum	20.26	0.10621	24	Pass
NVNT	ax20 MIMO	5720	Ant1	17.72	0.05916	24	Pass
NVNT	ax20 MIMO	5720	Ant2	16.93	0.04932	24	Pass
NVNT	ax20 MIMO	5720	Sum	20.35	0.10847	24	Pass
NVNT	ax20 MIMO	5745	Ant1	17.34	0.0542	30	Pass
NVNT	ax20 MIMO	5745	Ant2	16.93	0.04932	30	Pass
NVNT	ax20 MIMO	5745	Sum	20.15	0.10352	30	Pass
NVNT	ax20 MIMO	5785	Ant1	17.44	0.05546	30	Pass
NVNT	ax20 MIMO	5785	Ant2	17.39	0.05483	30	Pass
NVNT	ax20 MIMO	5785	Sum	20.43	0.11029	30	Pass
NVNT	ax20 MIMO	5825	Ant1	17.64	0.05808	30	Pass
NVNT	ax20 MIMO	5825	Ant2	16.79	0.04775	30	Pass
NVNT	ax20 MIMO	5825	Sum	20.25	0.10583	30	Pass
NVNT	ax40 SISO	5190	Ant1	17.73	0.05929	24	Pass
NVNT	ax40 SISO	5230	Ant1	17.56	0.05702	24	Pass
NVNT	ax40 SISO	5270	Ant1	17.48	0.05598	24	Pass
NVNT	ax40 SISO	5310	Ant1	17.78	0.05998	24	Pass
NVNT	ax40 SISO	5510	Ant1	18.3	0.06761	24	Pass
NVNT	ax40 SISO	5550	Ant1	18.5	0.07079	24	Pass
NVNT	ax40 SISO	5710	Ant1	18.41	0.06934	24	Pass
NVNT	ax40 SISO	5755	Ant1	18.18	0.06577	30	Pass



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NVNT	ax40 SISO	5795	Ant1	18.39	0.06902	30	Pass
NVNT	ax40 SISO	5190	Ant2	18.42	0.0695	24	Pass
NVNT	ax40 SISO	5230	Ant2	18.2	0.06607	24	Pass
NVNT	ax40 SISO	5270	Ant2	17.75	0.05957	24	Pass
NVNT	ax40 SISO	5310	Ant2	17.82	0.06053	24	Pass
NVNT	ax40 SISO	5510	Ant2	18	0.0631	24	Pass
NVNT	ax40 SISO	5550	Ant2	17.67	0.05848	24	Pass
NVNT	ax40 SISO	5710	Ant2	18.15	0.06531	24	Pass
NVNT	ax40 SISO	5755	Ant2	18.63	0.07295	30	Pass
NVNT	ax40 SISO	5795	Ant2	18.02	0.06339	30	Pass
NVNT	ax40 MIMO	5190	Ant1	17.7	0.05888	24	Pass
NVNT	ax40 MIMO	5190	Ant2	18.42	0.0695	24	Pass
NVNT	ax40 MIMO	5190	Sum	21.09	0.12839	24	Pass
NVNT	ax40 MIMO	5230	Ant1	17.39	0.05483	24	Pass
NVNT	ax40 MIMO	5230	Ant2	18.08	0.06427	24	Pass
NVNT	ax40 MIMO	5230	Sum	20.76	0.1191	24	Pass
NVNT	ax40 MIMO	5270	Ant1	17.43	0.05534	24	Pass
NVNT	ax40 MIMO	5270	Ant2	17.54	0.05675	24	Pass
NVNT	ax40 MIMO	5270	Sum	20.5	0.11209	24	Pass
NVNT	ax40 MIMO	5310	Ant1	17.75	0.05957	24	Pass
NVNT	ax40 MIMO	5310	Ant2	17.6	0.05754	24	Pass
NVNT	ax40 MIMO	5310	Sum	20.69	0.11711	24	Pass
NVNT	ax40 MIMO	5510	Ant1	18.16	0.06546	24	Pass
NVNT	ax40 MIMO	5510	Ant2	17.52	0.05649	24	Pass
NVNT	ax40 MIMO	5510	Sum	20.86	0.12196	24	Pass
NVNT	ax40 MIMO	5550	Ant1	18.46	0.07015	24	Pass
NVNT	ax40 MIMO	5550	Ant2	17.22	0.05272	24	Pass
NVNT	ax40 MIMO	5550	Sum	20.89	0.12287	24	Pass
NVNT	ax40 MIMO	5710	Ant1	18.45	0.06998	24	Pass
NVNT	ax40 MIMO	5710	Ant2	17.79	0.06012	24	Pass
NVNT	ax40 MIMO	5710	Sum	21.14	0.1301	24	Pass
NVNT	ax40 MIMO	5755	Ant1	18.16	0.06546	30	Pass
NVNT	ax40 MIMO	5755	Ant2	18.25	0.06683	30	Pass
NVNT	ax40 MIMO	5755	Sum	21.22	0.1323	30	Pass
NVNT	ax40 MIMO	5795	Ant1	18.34	0.06823	30	Pass
NVNT	ax40 MIMO	5795	Ant2	17.62	0.05781	30	Pass
NVNT	ax40 MIMO	5795	Sum	21.01	0.12604	30	Pass
NVNT	ax80 SISO	5210	Ant1	16.37	0.04335	24	Pass



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NVNT	ax80 SISO	5290	Ant1	16.05	0.04027	24	Pass
NVNT	ax80 SISO	5530	Ant1	16.93	0.04932	24	Pass
NVNT	ax80 SISO	5690	Ant1	16.91	0.04909	24	Pass
NVNT	ax80 SISO	5775	Ant1	16.54	0.04508	30	Pass
NVNT	ax80 SISO	5210	Ant2	16.75	0.04732	24	Pass
NVNT	ax80 SISO	5290	Ant2	16.37	0.04335	24	Pass
NVNT	ax80 SISO	5530	Ant2	16.48	0.04446	24	Pass
NVNT	ax80 SISO	5690	Ant2	16.64	0.04613	24	Pass
NVNT	ax80 SISO	5775	Ant2	17.09	0.05117	30	Pass
NVNT	ax80 MIMO	5210	Ant1	16.38	0.04345	24	Pass
NVNT	ax80 MIMO	5210	Ant2	16.61	0.04581	24	Pass
NVNT	ax80 MIMO	5210	Sum	19.51	0.08927	24	Pass
NVNT	ax80 MIMO	5290	Ant1	16.08	0.04055	24	Pass
NVNT	ax80 MIMO	5290	Ant2	16.11	0.04083	24	Pass
NVNT	ax80 MIMO	5290	Sum	19.11	0.08138	24	Pass
NVNT	ax80 MIMO	5530	Ant1	17.06	0.05082	24	Pass
NVNT	ax80 MIMO	5530	Ant2	16.08	0.04055	24	Pass
NVNT	ax80 MIMO	5530	Sum	19.61	0.09137	24	Pass
NVNT	ax80 MIMO	5690	Ant1	17.06	0.05082	24	Pass
NVNT	ax80 MIMO	5690	Ant2	16.24	0.04207	24	Pass
NVNT	ax80 MIMO	5690	Sum	19.68	0.09289	24	Pass
NVNT	ax80 MIMO	5775	Ant1	16.66	0.04634	30	Pass
NVNT	ax80 MIMO	5775	Ant2	16.77	0.04753	30	Pass
NVNT	ax80 MIMO	5775	Sum	19.73	0.09388	30	Pass
NVNT	ax160 SISO	5250	Ant1	16.44	0.04406	24	Pass
NVNT	ax160 SISO	5570	Ant1	17.23	0.05284	24	Pass
NVNT	ax160 SISO	5250	Ant2	16.25	0.04217	24	Pass
NVNT	ax160 SISO	5570	Ant2	16.75	0.04732	24	Pass
NVNT	ax160 MIMO	5250	Ant1	16.4	0.04365	24	Pass
NVNT	ax160 MIMO	5250	Ant2	16.02	0.03999	24	Pass
NVNT	ax160 MIMO	5250	Sum	19.22	0.08365	24	Pass
NVNT	ax160 MIMO	5570	Ant1	17.24	0.05297	24	Pass
NVNT	ax160 MIMO	5570	Ant2	16.32	0.04285	24	Pass
NVNT	ax160 MIMO	5570	Sum	19.81	0.09582	24	Pass
NVNT	ax20 26@0 SISO	5180	Ant1	13.4	0.02188	24	Pass
NVNT	ax20 26@0 SISO	5220	Ant1	11.71	0.01483	24	Pass
NVNT	ax20 26@0 SISO	5240	Ant1	11.42	0.01387	24	Pass
NVNT	ax20 26@0 SISO	5260	Ant1	12.68	0.01854	24	Pass



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NVNT	ax20 26@0 SISO	5300	Ant1	12.29	0.01694	24	Pass
NVNT	ax20 26@0 SISO	5320	Ant1	12.04	0.016	24	Pass
NVNT	ax20 26@0 SISO	5500	Ant1	12.18	0.01652	24	Pass
NVNT	ax20 26@0 SISO	5580	Ant1	12.38	0.0173	24	Pass
NVNT	ax20 26@0 SISO	5720	Ant1	12.18	0.01652	24	Pass
NVNT	ax20 26@0 SISO	5745	Ant1	12.31	0.01702	30	Pass
NVNT	ax20 26@0 SISO	5785	Ant1	12.6	0.0182	30	Pass
NVNT	ax20 26@0 SISO	5825	Ant1	12.26	0.01683	30	Pass
NVNT	ax20 26@0 SISO	5180	Ant2	12.56	0.01803	24	Pass
NVNT	ax20 26@0 SISO	5220	Ant2	12.42	0.01746	24	Pass
NVNT	ax20 26@0 SISO	5240	Ant2	12.03	0.01596	24	Pass
NVNT	ax20 26@0 SISO	5260	Ant2	12.01	0.01589	24	Pass
NVNT	ax20 26@0 SISO	5300	Ant2	12.06	0.01607	24	Pass
NVNT	ax20 26@0 SISO	5320	Ant2	12.3	0.01698	24	Pass
NVNT	ax20 26@0 SISO	5500	Ant2	12.45	0.01758	24	Pass
NVNT	ax20 26@0 SISO	5580	Ant2	12.34	0.01714	24	Pass
NVNT	ax20 26@0 SISO	5720	Ant2	12.06	0.01607	24	Pass
NVNT	ax20 26@0 SISO	5745	Ant2	12.13	0.01633	30	Pass
NVNT	ax20 26@0 SISO	5785	Ant2	12.01	0.01589	30	Pass
NVNT	ax20 26@0 SISO	5825	Ant2	12.56	0.01803	30	Pass
NVNT	ax20 26@0 MIMO	5180	Ant1	10.66	0.01164	24	Pass
NVNT	ax20 26@0 MIMO	5180	Ant2	10.73	0.01183	24	Pass
NVNT	ax20 26@0 MIMO	5180	Sum	13.71	0.02347	24	Pass
NVNT	ax20 26@0 MIMO	5220	Ant1	10.1	0.01023	24	Pass
NVNT	ax20 26@0 MIMO	5220	Ant2	10.75	0.01189	24	Pass
NVNT	ax20 26@0 MIMO	5220	Sum	13.45	0.02212	24	Pass
NVNT	ax20 26@0 MIMO	5240	Ant1	9.63	0.00918	24	Pass
NVNT	ax20 26@0 MIMO	5240	Ant2	10.27	0.01064	24	Pass
NVNT	ax20 26@0 MIMO	5240	Sum	12.97	0.01982	24	Pass
NVNT	ax20 26@0 MIMO	5260	Ant1	10.93	0.01239	24	Pass
NVNT	ax20 26@0 MIMO	5260	Ant2	10.5	0.01122	24	Pass
NVNT	ax20 26@0 MIMO	5260	Sum	13.73	0.02361	24	Pass
NVNT	ax20 26@0 MIMO	5300	Ant1	10.62	0.01153	24	Pass
NVNT	ax20 26@0 MIMO	5300	Ant2	10.64	0.01159	24	Pass
NVNT	ax20 26@0 MIMO	5300	Sum	13.64	0.02312	24	Pass
NVNT	ax20 26@0 MIMO	5320	Ant1	10.34	0.01081	24	Pass
NVNT	ax20 26@0 MIMO	5320	Ant2	10.44	0.01107	24	Pass
NVNT	ax20 26@0 MIMO	5320	Sum	13.4	0.02188	24	Pass



NVNT	ax20 26@0 MIMO	5500	Ant1	10.43	0.01104	24	Pass
NVNT	ax20 26@0 MIMO	5500	Ant2	11.08	0.01282	24	Pass
NVNT	ax20 26@0 MIMO	5500	Sum	13.78	0.02386	24	Pass
NVNT	ax20 26@0 MIMO	5580	Ant1	10.8	0.01202	24	Pass
NVNT	ax20 26@0 MIMO	5580	Ant2	10.84	0.01213	24	Pass
NVNT	ax20 26@0 MIMO	5580	Sum	13.83	0.02416	24	Pass
NVNT	ax20 26@0 MIMO	5720	Ant1	10.41	0.01099	24	Pass
NVNT	ax20 26@0 MIMO	5720	Ant2	10.5	0.01122	24	Pass
NVNT	ax20 26@0 MIMO	5720	Sum	13.47	0.02221	24	Pass
NVNT	ax20 26@0 MIMO	5745	Ant1	10.95	0.01245	30	Pass
NVNT	ax20 26@0 MIMO	5745	Ant2	10.66	0.01164	30	Pass
NVNT	ax20 26@0 MIMO	5745	Sum	13.82	0.02409	30	Pass
NVNT	ax20 26@0 MIMO	5785	Ant1	10.77	0.01194	30	Pass
NVNT	ax20 26@0 MIMO	5785	Ant2	10.37	0.01089	30	Pass
NVNT	ax20 26@0 MIMO	5785	Sum	13.59	0.02283	30	Pass
NVNT	ax20 26@0 MIMO	5825	Ant1	10.67	0.01167	30	Pass
NVNT	ax20 26@0 MIMO	5825	Ant2	11.07	0.01279	30	Pass
NVNT	ax20 26@0 MIMO	5825	Sum	13.88	0.02446	30	Pass
NVNT	ax20 52@37 SISO	5180	Ant1	15.54	0.03581	24	Pass
NVNT	ax20 52@37 SISO	5220	Ant1	15.31	0.03396	24	Pass
NVNT	ax20 52@37 SISO	5240	Ant1	15.07	0.03214	24	Pass
NVNT	ax20 52@37 SISO	5260	Ant1	15.28	0.03373	24	Pass
NVNT	ax20 52@37 SISO	5300	Ant1	15.22	0.03327	24	Pass
NVNT	ax20 52@37 SISO	5320	Ant1	14.98	0.03148	24	Pass
NVNT	ax20 52@37 SISO	5500	Ant1	15.82	0.03819	24	Pass
NVNT	ax20 52@37 SISO	5580	Ant1	15.7	0.03715	24	Pass
NVNT	ax20 52@37 SISO	5720	Ant1	15.6	0.03631	24	Pass
NVNT	ax20 52@37 SISO	5745	Ant1	15.31	0.03396	30	Pass
NVNT	ax20 52@37 SISO	5785	Ant1	15.38	0.03451	30	Pass
NVNT	ax20 52@37 SISO	5825	Ant1	15.58	0.03614	30	Pass
NVNT	ax20 52@37 SISO	5180	Ant2	15.75	0.03758	24	Pass
NVNT	ax20 52@37 SISO	5220	Ant2	15.86	0.03855	24	Pass
NVNT	ax20 52@37 SISO	5240	Ant2	15.34	0.0342	24	Pass
NVNT	ax20 52@37 SISO	5260	Ant2	15.1	0.03236	24	Pass
NVNT	ax20 52@37 SISO	5300	Ant2	15.34	0.0342	24	Pass
NVNT	ax20 52@37 SISO	5320	Ant2	15.5	0.03548	24	Pass
NVNT	ax20 52@37 SISO	5500	Ant2	15.91	0.03899	24	Pass
NVNT	ax20 52@37 SISO	5580	Ant2	15.69	0.03707	24	Pass



NVNT	ax20 52@37 SISO	5720	Ant2	15.75	0.03758	24	Pass
NVNT	ax20 52@37 SISO	5745	Ant2	15.81	0.03811	30	Pass
NVNT	ax20 52@37 SISO	5785	Ant2	16.03	0.04009	30	Pass
NVNT	ax20 52@37 SISO	5825	Ant2	15.94	0.03926	30	Pass
NVNT	ax20 52@37 MIMO	5180	Ant1	12.16	0.01644	24	Pass
NVNT	ax20 52@37 MIMO	5180	Ant2	12.42	0.01746	24	Pass
NVNT	ax20 52@37 MIMO	5180	Sum	15.3	0.0339	24	Pass
NVNT	ax20 52@37 MIMO	5220	Ant1	11.77	0.01503	24	Pass
NVNT	ax20 52@37 MIMO	5220	Ant2	12.41	0.01742	24	Pass
NVNT	ax20 52@37 MIMO	5220	Sum	15.11	0.03245	24	Pass
NVNT	ax20 52@37 MIMO	5240	Ant1	11.42	0.01387	24	Pass
NVNT	ax20 52@37 MIMO	5240	Ant2	11.95	0.01567	24	Pass
NVNT	ax20 52@37 MIMO	5240	Sum	14.7	0.02954	24	Pass
NVNT	ax20 52@37 MIMO	5260	Ant1	12.72	0.01871	24	Pass
NVNT	ax20 52@37 MIMO	5260	Ant2	12.13	0.01633	24	Pass
NVNT	ax20 52@37 MIMO	5260	Sum	15.45	0.03504	24	Pass
NVNT	ax20 52@37 MIMO	5300	Ant1	12.42	0.01746	24	Pass
NVNT	ax20 52@37 MIMO	5300	Ant2	12.14	0.01637	24	Pass
NVNT	ax20 52@37 MIMO	5300	Sum	15.29	0.03383	24	Pass
NVNT	ax20 52@37 MIMO	5320	Ant1	12.31	0.01702	24	Pass
NVNT	ax20 52@37 MIMO	5320	Ant2	12.2	0.0166	24	Pass
NVNT	ax20 52@37 MIMO	5320	Sum	15.27	0.03362	24	Pass
NVNT	ax20 52@37 MIMO	5500	Ant1	12.15	0.01641	24	Pass
NVNT	ax20 52@37 MIMO	5500	Ant2	12.84	0.01923	24	Pass
NVNT	ax20 52@37 MIMO	5500	Sum	15.52	0.03564	24	Pass
NVNT	ax20 52@37 MIMO	5580	Ant1	12.48	0.0177	24	Pass
NVNT	ax20 52@37 MIMO	5580	Ant2	12.49	0.01774	24	Pass
NVNT	ax20 52@37 MIMO	5580	Sum	15.49	0.03544	24	Pass
NVNT	ax20 52@37 MIMO	5720	Ant1	12.27	0.01687	24	Pass
NVNT	ax20 52@37 MIMO	5720	Ant2	12.09	0.01618	24	Pass
NVNT	ax20 52@37 MIMO	5720	Sum	15.19	0.03305	24	Pass
NVNT	ax20 52@37 MIMO	5745	Ant1	12.53	0.01791	30	Pass
NVNT	ax20 52@37 MIMO	5745	Ant2	12.16	0.01644	30	Pass
NVNT	ax20 52@37 MIMO	5745	Sum	15.36	0.03435	30	Pass
NVNT	ax20 52@37 MIMO	5785	Ant1	12.68	0.01854	30	Pass
NVNT	ax20 52@37 MIMO	5785	Ant2	12.04	0.016	30	Pass
NVNT	ax20 52@37 MIMO	5785	Sum	15.38	0.03453	30	Pass
NVNT	ax20 52@37 MIMO	5825	Ant1	12.42	0.01746	30	Pass



NVNT	ax20 52@37 MIMO	5825	Ant2	12.66	0.01845	30	Pass
NVNT	ax20 52@37 MIMO	5825	Sum	15.55	0.03591	30	Pass
NVNT	ax20 106@53 SISO	5180	Ant1	17.12	0.05152	24	Pass
NVNT	ax20 106@53 SISO	5220	Ant1	16.92	0.0492	24	Pass
NVNT	ax20 106@53 SISO	5240	Ant1	16.79	0.04775	24	Pass
NVNT	ax20 106@53 SISO	5260	Ant1	16.95	0.04955	24	Pass
NVNT	ax20 106@53 SISO	5300	Ant1	16.88	0.04875	24	Pass
NVNT	ax20 106@53 SISO	5320	Ant1	16.82	0.04808	24	Pass
NVNT	ax20 106@53 SISO	5500	Ant1	17.53	0.05662	24	Pass
NVNT	ax20 106@53 SISO	5580	Ant1	17.45	0.05559	24	Pass
NVNT	ax20 106@53 SISO	5720	Ant1	17.53	0.05662	24	Pass
NVNT	ax20 106@53 SISO	5745	Ant1	17.16	0.052	30	Pass
NVNT	ax20 106@53 SISO	5785	Ant1	17.48	0.05598	30	Pass
NVNT	ax20 106@53 SISO	5825	Ant1	17.62	0.05781	30	Pass
NVNT	ax20 106@53 SISO	5180	Ant2	17.52	0.05649	24	Pass
NVNT	ax20 106@53 SISO	5220	Ant2	17.61	0.05768	24	Pass
NVNT	ax20 106@53 SISO	5240	Ant2	17.11	0.0514	24	Pass
NVNT	ax20 106@53 SISO	5260	Ant2	16.71	0.04688	24	Pass
NVNT	ax20 106@53 SISO	5300	Ant2	17.07	0.05093	24	Pass
NVNT	ax20 106@53 SISO	5320	Ant2	17.23	0.05284	24	Pass
NVNT	ax20 106@53 SISO	5500	Ant2	17.41	0.05508	24	Pass
NVNT	ax20 106@53 SISO	5580	Ant2	17.26	0.05321	24	Pass
NVNT	ax20 106@53 SISO	5720	Ant2	17.45	0.05559	24	Pass
NVNT	ax20 106@53 SISO	5745	Ant2	17.45	0.05559	30	Pass
NVNT	ax20 106@53 SISO	5785	Ant2	17.88	0.06138	30	Pass
NVNT	ax20 106@53 SISO	5825	Ant2	17.51	0.05636	30	Pass
NVNT	ax20 106@53 MIMO	5180	Ant1	15.3	0.03388	24	Pass
NVNT	ax20 106@53 MIMO	5180	Ant2	15.57	0.03606	24	Pass
NVNT	ax20 106@53 MIMO	5180	Sum	18.45	0.06994	24	Pass
NVNT	ax20 106@53 MIMO	5220	Ant1	15.21	0.03319	24	Pass
NVNT	ax20 106@53 MIMO	5220	Ant2	15.7	0.03715	24	Pass
NVNT	ax20 106@53 MIMO	5220	Sum	18.47	0.07034	24	Pass
NVNT	ax20 106@53 MIMO	5240	Ant1	15.13	0.03258	24	Pass
NVNT	ax20 106@53 MIMO	5240	Ant2	15.15	0.03273	24	Pass
NVNT	ax20 106@53 MIMO	5240	Sum	18.15	0.06532	24	Pass
NVNT	ax20 106@53 MIMO	5260	Ant1	15.13	0.03258	24	Pass
NVNT	ax20 106@53 MIMO	5260	Ant2	15.01	0.0317	24	Pass
NVNT	ax20 106@53 MIMO	5260	Sum	18.08	0.06428	24	Pass



NVNT	ax20 106@53 MIMO	5300	Ant1	15.15	0.03273	24	Pass
NVNT	ax20 106@53 MIMO	5300	Ant2	15.12	0.03251	24	Pass
NVNT	ax20 106@53 MIMO	5300	Sum	18.15	0.06524	24	Pass
NVNT	ax20 106@53 MIMO	5320	Ant1	14.83	0.03041	24	Pass
NVNT	ax20 106@53 MIMO	5320	Ant2	15.34	0.0342	24	Pass
NVNT	ax20 106@53 MIMO	5320	Sum	18.1	0.06461	24	Pass
NVNT	ax20 106@53 MIMO	5500	Ant1	15.5	0.03548	24	Pass
NVNT	ax20 106@53 MIMO	5500	Ant2	15.47	0.03524	24	Pass
NVNT	ax20 106@53 MIMO	5500	Sum	18.5	0.07072	24	Pass
NVNT	ax20 106@53 MIMO	5580	Ant1	15.46	0.03516	24	Pass
NVNT	ax20 106@53 MIMO	5580	Ant2	15.25	0.0335	24	Pass
NVNT	ax20 106@53 MIMO	5580	Sum	18.37	0.06865	24	Pass
NVNT	ax20 106@53 MIMO	5720	Ant1	15.48	0.03532	24	Pass
NVNT	ax20 106@53 MIMO	5720	Ant2	15.43	0.03491	24	Pass
NVNT	ax20 106@53 MIMO	5720	Sum	18.47	0.07023	24	Pass
NVNT	ax20 106@53 MIMO	5745	Ant1	15.18	0.03296	30	Pass
NVNT	ax20 106@53 MIMO	5745	Ant2	15.45	0.03508	30	Pass
NVNT	ax20 106@53 MIMO	5745	Sum	18.33	0.06804	30	Pass
NVNT	ax20 106@53 MIMO	5785	Ant1	15.3	0.03388	30	Pass
NVNT	ax20 106@53 MIMO	5785	Ant2	15.7	0.03715	30	Pass
NVNT	ax20 106@53 MIMO	5785	Sum	18.52	0.07104	30	Pass
NVNT	ax20 106@53 MIMO	5825	Ant1	15.46	0.03516	30	Pass
NVNT	ax20 106@53 MIMO	5825	Ant2	15.65	0.03673	30	Pass
NVNT	ax20 106@53 MIMO	5825	Sum	18.57	0.07188	30	Pass
NVNT	ax40 26@0 SISO	5190	Ant1	12.27	0.01687	24	Pass
NVNT	ax40 26@0 SISO	5190	Ant2	12.59	0.01816	24	Pass
NVNT	ax40 26@0 MIMO	5190	Ant1	10.59	0.01146	24	Pass
NVNT	ax40 26@0 MIMO	5190	Ant2	10.84	0.01213	24	Pass
NVNT	ax40 26@0 MIMO	5190	Sum	13.73	0.02359	24	Pass
NVNT	ax40 52@37 SISO	5190	Ant1	15.61	0.03639	24	Pass
NVNT	ax40 52@37 SISO	5190	Ant2	15.95	0.03936	24	Pass
NVNT	ax40 52@37 MIMO	5190	Ant1	12.51	0.01782	24	Pass
NVNT	ax40 52@37 MIMO	5190	Ant2	12.71	0.01866	24	Pass
NVNT	ax40 52@37 MIMO	5190	Sum	15.62	0.03649	24	Pass
NVNT	ax40 106@53 SISO	5190	Ant1	17.02	0.05035	24	Pass
NVNT	ax40 106@53 SISO	5190	Ant2	17.83	0.06067	24	Pass
NVNT	ax40 106@53 MIMO	5190	Ant1	15.56	0.03597	24	Pass
NVNT	ax40 106@53 MIMO	5190	Ant2	15.97	0.03954	24	Pass



NVNT	ax40 106@53 MIMO	5190	Sum	18.78	0.07551	24	Pass
NVNT	ax40 242@61 SISO	5190	Ant1	16.72	0.04699	24	Pass
NVNT	ax40 242@61 SISO	5190	Ant2	17.61	0.05768	24	Pass
NVNT	ax40 242@61 MIMO	5190	Ant1	16.88	0.04875	24	Pass
NVNT	ax40 242@61 MIMO	5190	Ant2	17.51	0.05636	24	Pass
NVNT	ax40 242@61 MIMO	5190	Sum	20.22	0.10512	24	Pass
NVNT	ax80 26@0 SISO	5210	Ant1	12.57	0.01807	24	Pass
NVNT	ax80 26@0 SISO	5210	Ant2	13.01	0.02	24	Pass
NVNT	ax80 26@0 MIMO	5210	Ant1	9.79	0.00953	24	Pass
NVNT	ax80 26@0 MIMO	5210	Ant2	10.37	0.01089	24	Pass
NVNT	ax80 26@0 MIMO	5210	Sum	13.1	0.02042	24	Pass
NVNT	ax80 52@37 SISO	5210	Ant1	15.89	0.03882	24	Pass
NVNT	ax80 52@37 SISO	5210	Ant2	16.07	0.04046	24	Pass
NVNT	ax80 52@37 MIMO	5210	Ant1	12.7	0.01862	24	Pass
NVNT	ax80 52@37 MIMO	5210	Ant2	13.15	0.02065	24	Pass
NVNT	ax80 52@37 MIMO	5210	Sum	15.94	0.03927	24	Pass
NVNT	ax80 106@53 SISO	5210	Ant1	17.4	0.05495	24	Pass
NVNT	ax80 106@53 SISO	5210	Ant2	17.91	0.0618	24	Pass
NVNT	ax80 106@53 MIMO	5210	Ant1	15.77	0.03776	24	Pass
NVNT	ax80 106@53 MIMO	5210	Ant2	15.81	0.03811	24	Pass
NVNT	ax80 106@53 MIMO	5210	Sum	18.8	0.07586	24	Pass
NVNT	ax80 242@61 SISO	5210	Ant1	17.16	0.052	24	Pass
NVNT	ax80 242@61 SISO	5210	Ant2	17.7	0.05888	24	Pass
NVNT	ax80 242@61 MIMO	5210	Ant1	17.21	0.0526	24	Pass
NVNT	ax80 242@61 MIMO	5210	Ant2	17.5	0.05623	24	Pass
NVNT	ax80 242@61 MIMO	5210	Sum	20.37	0.10884	24	Pass
NVNT	ax80 484@65 SISO	5210	Ant1	16.92	0.0492	24	Pass
NVNT	ax80 484@65 SISO	5210	Ant2	17.53	0.05662	24	Pass
NVNT	ax80 484@65 MIMO	5210	Ant1	16.84	0.04831	24	Pass
NVNT	ax80 484@65 MIMO	5210	Ant2	17.17	0.05212	24	Pass
NVNT	ax80 484@65 MIMO	5210	Sum	20.02	0.10043	24	Pass
NVNT	ax160 26@0 SISO	5250	Ant1	14.35	0.02723	24	Pass
NVNT	ax160 26@0 SISO	5250	Ant2	13.68	0.02333	24	Pass
NVNT	ax160 26@0 MIMO	5250	Ant1	14.01	0.02518	24	Pass
NVNT	ax160 26@0 MIMO	5250	Ant2	13.61	0.02296	24	Pass
NVNT	ax160 26@0 MIMO	5250	Sum	16.83	0.04814	24	Pass
NVNT	ax160 52@74 SISO	5250	Ant1	15.99	0.03972	24	Pass
NVNT	ax160 52@74 SISO	5250	Ant2	15.4	0.03467	24	Pass



NVNT	ax160 52@74 MIMO	5250	Ant1	14.33	0.0271	24	Pass
NVNT	ax160 52@74 MIMO	5250	Ant2	13.55	0.02265	24	Pass
NVNT	ax160 52@74 MIMO	5250	Sum	16.97	0.04975	24	Pass
NVNT	ax160 106@106 SISO	5250	Ant1	16.63	0.04603	24	Pass
NVNT	ax160 106@106 SISO	5250	Ant2	16.23	0.04198	24	Pass
NVNT	ax160 106@106 MIMO	5250	Ant1	16.65	0.04624	24	Pass
NVNT	ax160 106@106 MIMO	5250	Ant2	15.97	0.03954	24	Pass
NVNT	ax160 106@106 MIMO	5250	Sum	19.33	0.08577	24	Pass
NVNT	ax160 242@122 SISO	5250	Ant1	16.92	0.0492	24	Pass
NVNT	ax160 242@122 SISO	5250	Ant2	15.89	0.03882	24	Pass
NVNT	ax160 242@122 MIMO	5250	Ant1	16.53	0.04498	24	Pass
NVNT	ax160 242@122 MIMO	5250	Ant2	15.85	0.03846	24	Pass
NVNT	ax160 242@122 MIMO	5250	Sum	19.21	0.08344	24	Pass
NVNT	ax160 484@130 SISO	5250	Ant1	16.23	0.04198	24	Pass
NVNT	ax160 484@130 SISO	5250	Ant2	15.84	0.03837	24	Pass
NVNT	ax160 484@130 MIMO	5250	Ant1	16.29	0.04256	24	Pass
NVNT	ax160 484@130 MIMO	5250	Ant2	15.69	0.03707	24	Pass
NVNT	ax160 484@130 MIMO	5250	Sum	19.01	0.07963	24	Pass
NVNT	ax160 966@134 SISO	5250	Ant1	16.13	0.04102	24	Pass
NVNT	ax160 966@134 SISO	5250	Ant2	15.59	0.03622	24	Pass
NVNT	ax160 966@134 MIMO	5250	Ant1	16.16	0.0413	24	Pass
NVNT	ax160 966@134 MIMO	5250	Ant2	15.37	0.03443	24	Pass
NVNT	ax160 966@134 MIMO	5250	Sum	18.79	0.07574	24	Pass

**A.3. Emission Bandwidth****a) 26dB Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a SISO	5180	Ant1	19.11
NVNT	a SISO	5220	Ant1	19.28
NVNT	a SISO	5240	Ant1	19.05
NVNT	a SISO	5260	Ant1	19.5
NVNT	a SISO	5300	Ant1	18.98
NVNT	a SISO	5320	Ant1	19.06
NVNT	a SISO	5500	Ant1	19.03
NVNT	a SISO	5580	Ant1	19.21
NVNT	a SISO	5720	Ant1	19.19
NVNT	a SISO	5180	Ant2	23.75
NVNT	a SISO	5220	Ant2	24.29
NVNT	a SISO	5240	Ant2	23.68
NVNT	a SISO	5260	Ant2	22.12
NVNT	a SISO	5300	Ant2	27.91
NVNT	a SISO	5320	Ant2	21.63
NVNT	a SISO	5500	Ant2	21.62
NVNT	a SISO	5580	Ant2	23.55
NVNT	a SISO	5720	Ant2	21.39
NVNT	n20 SISO	5180	Ant1	20.24
NVNT	n20 SISO	5220	Ant1	20.55
NVNT	n20 SISO	5240	Ant1	20.45
NVNT	n20 SISO	5260	Ant1	20.2
NVNT	n20 SISO	5300	Ant1	20.51
NVNT	n20 SISO	5320	Ant1	20.2
NVNT	n20 SISO	5500	Ant1	20.2
NVNT	n20 SISO	5580	Ant1	20.49
NVNT	n20 SISO	5720	Ant1	20.68
NVNT	n20 SISO	5180	Ant2	20.36
NVNT	n20 SISO	5220	Ant2	20.43
NVNT	n20 SISO	5240	Ant2	20.42
NVNT	n20 SISO	5260	Ant2	20.16
NVNT	n20 SISO	5300	Ant2	20.71
NVNT	n20 SISO	5320	Ant2	20.31
NVNT	n20 SISO	5500	Ant2	20.6



NVNT	n20 SISO	5580	Ant2	20.56
NVNT	n20 SISO	5720	Ant2	20.17
NVNT	n20 MIMO	5180	Ant1	20.19
NVNT	n20 MIMO	5180	Ant2	20.09
NVNT	n20 MIMO	5220	Ant1	20.43
NVNT	n20 MIMO	5220	Ant2	20.17
NVNT	n20 MIMO	5240	Ant1	20.65
NVNT	n20 MIMO	5240	Ant2	20.5
NVNT	n20 MIMO	5260	Ant1	20.37
NVNT	n20 MIMO	5260	Ant2	20.17
NVNT	n20 MIMO	5300	Ant1	20.35
NVNT	n20 MIMO	5300	Ant2	20.41
NVNT	n20 MIMO	5320	Ant1	20.55
NVNT	n20 MIMO	5320	Ant2	20.1
NVNT	n20 MIMO	5500	Ant1	20.36
NVNT	n20 MIMO	5500	Ant2	20.09
NVNT	n20 MIMO	5580	Ant1	20.52
NVNT	n20 MIMO	5580	Ant2	20.55
NVNT	n20 MIMO	5720	Ant1	20.36
NVNT	n20 MIMO	5720	Ant2	20.19
NVNT	n40 SISO	5190	Ant1	40.07
NVNT	n40 SISO	5230	Ant1	40.19
NVNT	n40 SISO	5270	Ant1	39.8
NVNT	n40 SISO	5310	Ant1	39.99
NVNT	n40 SISO	5510	Ant1	39.92
NVNT	n40 SISO	5550	Ant1	40.08
NVNT	n40 SISO	5710	Ant1	39.73
NVNT	n40 SISO	5190	Ant2	39.81
NVNT	n40 SISO	5230	Ant2	39.77
NVNT	n40 SISO	5270	Ant2	40.15
NVNT	n40 SISO	5310	Ant2	39.96
NVNT	n40 SISO	5510	Ant2	40.22
NVNT	n40 SISO	5550	Ant2	39.99
NVNT	n40 SISO	5710	Ant2	39.87
NVNT	n40 MIMO	5190	Ant1	39.79
NVNT	n40 MIMO	5190	Ant2	39.41
NVNT	n40 MIMO	5230	Ant1	39.8
NVNT	n40 MIMO	5230	Ant2	39.91



NVNT	n40 MIMO	5270	Ant1	40.18
NVNT	n40 MIMO	5270	Ant2	40.03
NVNT	n40 MIMO	5310	Ant1	40.01
NVNT	n40 MIMO	5310	Ant2	40.11
NVNT	n40 MIMO	5510	Ant1	39.86
NVNT	n40 MIMO	5510	Ant2	39.76
NVNT	n40 MIMO	5550	Ant1	40.26
NVNT	n40 MIMO	5550	Ant2	39.54
NVNT	n40 MIMO	5710	Ant1	40.19
NVNT	n40 MIMO	5710	Ant2	40.03
NVNT	ac20 SISO	5180	Ant1	20.45
NVNT	ac20 SISO	5220	Ant1	20.63
NVNT	ac20 SISO	5240	Ant1	20.22
NVNT	ac20 SISO	5260	Ant1	20.49
NVNT	ac20 SISO	5300	Ant1	20.61
NVNT	ac20 SISO	5320	Ant1	20.57
NVNT	ac20 SISO	5500	Ant1	20.44
NVNT	ac20 SISO	5580	Ant1	20.29
NVNT	ac20 SISO	5720	Ant1	20.72
NVNT	ac20 SISO	5180	Ant2	20.45
NVNT	ac20 SISO	5220	Ant2	20.58
NVNT	ac20 SISO	5240	Ant2	20.34
NVNT	ac20 SISO	5260	Ant2	20.34
NVNT	ac20 SISO	5300	Ant2	20.32
NVNT	ac20 SISO	5320	Ant2	20.21
NVNT	ac20 SISO	5500	Ant2	20.32
NVNT	ac20 SISO	5580	Ant2	20.03
NVNT	ac20 SISO	5720	Ant2	20.49
NVNT	ac20 MIMO	5180	Ant1	20.01
NVNT	ac20 MIMO	5180	Ant2	20.02
NVNT	ac20 MIMO	5220	Ant1	20.51
NVNT	ac20 MIMO	5220	Ant2	20.18
NVNT	ac20 MIMO	5240	Ant1	20.45
NVNT	ac20 MIMO	5240	Ant2	20.53
NVNT	ac20 MIMO	5260	Ant1	20.52
NVNT	ac20 MIMO	5260	Ant2	20.12
NVNT	ac20 MIMO	5300	Ant1	20.28
NVNT	ac20 MIMO	5300	Ant2	20.02



NVNT	ac20 MIMO	5320	Ant1	20.62
NVNT	ac20 MIMO	5320	Ant2	20.41
NVNT	ac20 MIMO	5500	Ant1	20.43
NVNT	ac20 MIMO	5500	Ant2	20.31
NVNT	ac20 MIMO	5580	Ant1	20.47
NVNT	ac20 MIMO	5580	Ant2	20.07
NVNT	ac20 MIMO	5720	Ant1	20.6
NVNT	ac20 MIMO	5720	Ant2	20.21
NVNT	ac40 SISO	5190	Ant1	40.07
NVNT	ac40 SISO	5230	Ant1	39.93
NVNT	ac40 SISO	5270	Ant1	40.12
NVNT	ac40 SISO	5310	Ant1	40.05
NVNT	ac40 SISO	5510	Ant1	39.87
NVNT	ac40 SISO	5550	Ant1	40.14
NVNT	ac40 SISO	5710	Ant1	40.12
NVNT	ac40 SISO	5190	Ant2	39.82
NVNT	ac40 SISO	5230	Ant2	39.88
NVNT	ac40 SISO	5270	Ant2	39.83
NVNT	ac40 SISO	5310	Ant2	40
NVNT	ac40 SISO	5510	Ant2	39.72
NVNT	ac40 SISO	5550	Ant2	39.98
NVNT	ac40 SISO	5710	Ant2	40.14
NVNT	ac40 MIMO	5190	Ant1	40.33
NVNT	ac40 MIMO	5190	Ant2	39.87
NVNT	ac40 MIMO	5230	Ant1	39.84
NVNT	ac40 MIMO	5230	Ant2	39.87
NVNT	ac40 MIMO	5270	Ant1	39.99
NVNT	ac40 MIMO	5270	Ant2	39.79
NVNT	ac40 MIMO	5310	Ant1	39.87
NVNT	ac40 MIMO	5310	Ant2	39.79
NVNT	ac40 MIMO	5510	Ant1	40.06
NVNT	ac40 MIMO	5510	Ant2	39.4
NVNT	ac40 MIMO	5550	Ant1	39.72
NVNT	ac40 MIMO	5550	Ant2	39.79
NVNT	ac40 MIMO	5710	Ant1	39.73
NVNT	ac40 MIMO	5710	Ant2	39.55
NVNT	ac80 SISO	5210	Ant1	81.56
NVNT	ac80 SISO	5290	Ant1	81.9



NVNT	ac80 SISO	5530	Ant1	81.26
NVNT	ac80 SISO	5690	Ant1	81.6
NVNT	ac80 SISO	5210	Ant2	81.53
NVNT	ac80 SISO	5290	Ant2	81.88
NVNT	ac80 SISO	5530	Ant2	81.3
NVNT	ac80 SISO	5690	Ant2	80.95
NVNT	ac80 MIMO	5210	Ant1	81.53
NVNT	ac80 MIMO	5210	Ant2	80.96
NVNT	ac80 MIMO	5290	Ant1	81.14
NVNT	ac80 MIMO	5290	Ant2	81.2
NVNT	ac80 MIMO	5530	Ant1	81.25
NVNT	ac80 MIMO	5530	Ant2	81.12
NVNT	ac80 MIMO	5690	Ant1	81.5
NVNT	ac80 MIMO	5690	Ant2	80.92
NVNT	ac160 SISO	5250	Ant1	164.6
NVNT	ac160 SISO	5570	Ant1	164.7
NVNT	ac160 SISO	5250	Ant2	164.5
NVNT	ac160 SISO	5570	Ant2	164.3
NVNT	ac160 MIMO	5250	Ant1	164.8
NVNT	ac160 MIMO	5250	Ant2	164
NVNT	ac160 MIMO	5570	Ant1	164.6
NVNT	ac160 MIMO	5570	Ant2	163.9
NVNT	ax20 SISO	5180	Ant1	20.95
NVNT	ax20 SISO	5220	Ant1	20.81
NVNT	ax20 SISO	5240	Ant1	20.63
NVNT	ax20 SISO	5260	Ant1	20.95
NVNT	ax20 SISO	5300	Ant1	20.97
NVNT	ax20 SISO	5320	Ant1	21.04
NVNT	ax20 SISO	5500	Ant1	20.79
NVNT	ax20 SISO	5580	Ant1	20.64
NVNT	ax20 SISO	5720	Ant1	20.73
NVNT	ax20 SISO	5180	Ant2	20.9
NVNT	ax20 SISO	5220	Ant2	20.86
NVNT	ax20 SISO	5240	Ant2	20.96
NVNT	ax20 SISO	5260	Ant2	20.95
NVNT	ax20 SISO	5300	Ant2	20.6
NVNT	ax20 SISO	5320	Ant2	20.98
NVNT	ax20 SISO	5500	Ant2	20.75



NVNT	ax20 SISO	5580	Ant2	20.74
NVNT	ax20 SISO	5720	Ant2	20.7
NVNT	ax20 MIMO	5180	Ant1	20.82
NVNT	ax20 MIMO	5180	Ant2	20.86
NVNT	ax20 MIMO	5220	Ant1	20.57
NVNT	ax20 MIMO	5220	Ant2	20.91
NVNT	ax20 MIMO	5240	Ant1	20.99
NVNT	ax20 MIMO	5240	Ant2	20.75
NVNT	ax20 MIMO	5260	Ant1	20.72
NVNT	ax20 MIMO	5260	Ant2	20.7
NVNT	ax20 MIMO	5300	Ant1	20.91
NVNT	ax20 MIMO	5300	Ant2	20.82
NVNT	ax20 MIMO	5320	Ant1	21.17
NVNT	ax20 MIMO	5320	Ant2	20.95
NVNT	ax20 MIMO	5500	Ant1	20.98
NVNT	ax20 MIMO	5500	Ant2	20.73
NVNT	ax20 MIMO	5580	Ant1	20.94
NVNT	ax20 MIMO	5580	Ant2	20.68
NVNT	ax20 MIMO	5720	Ant1	20.76
NVNT	ax20 MIMO	5720	Ant2	20.62
NVNT	ax40 SISO	5190	Ant1	40.32
NVNT	ax40 SISO	5230	Ant1	40.26
NVNT	ax40 SISO	5270	Ant1	40.74
NVNT	ax40 SISO	5310	Ant1	40.13
NVNT	ax40 SISO	5510	Ant1	40.64
NVNT	ax40 SISO	5550	Ant1	40.06
NVNT	ax40 SISO	5710	Ant1	40.54
NVNT	ax40 SISO	5190	Ant2	40.52
NVNT	ax40 SISO	5230	Ant2	40.15
NVNT	ax40 SISO	5270	Ant2	40.14
NVNT	ax40 SISO	5310	Ant2	40.33
NVNT	ax40 SISO	5510	Ant2	40.67
NVNT	ax40 SISO	5550	Ant2	40.36
NVNT	ax40 SISO	5710	Ant2	40.49
NVNT	ax40 MIMO	5190	Ant1	40.08
NVNT	ax40 MIMO	5190	Ant2	40.44
NVNT	ax40 MIMO	5230	Ant1	40.36
NVNT	ax40 MIMO	5230	Ant2	40.11



NVNT	ax40 MIMO	5270	Ant1	40.49
NVNT	ax40 MIMO	5270	Ant2	40.21
NVNT	ax40 MIMO	5310	Ant1	40.2
NVNT	ax40 MIMO	5310	Ant2	40.36
NVNT	ax40 MIMO	5510	Ant1	40.2
NVNT	ax40 MIMO	5510	Ant2	40.46
NVNT	ax40 MIMO	5550	Ant1	40.65
NVNT	ax40 MIMO	5550	Ant2	40.23
NVNT	ax40 MIMO	5710	Ant1	40.31
NVNT	ax40 MIMO	5710	Ant2	40.55
NVNT	ax80 SISO	5210	Ant1	81.32
NVNT	ax80 SISO	5290	Ant1	81.7
NVNT	ax80 SISO	5530	Ant1	81.57
NVNT	ax80 SISO	5690	Ant1	81.37
NVNT	ax80 SISO	5210	Ant2	81.45
NVNT	ax80 SISO	5290	Ant2	80.99
NVNT	ax80 SISO	5530	Ant2	81.22
NVNT	ax80 SISO	5690	Ant2	81.79
NVNT	ax80 MIMO	5210	Ant1	81.09
NVNT	ax80 MIMO	5210	Ant2	81.31
NVNT	ax80 MIMO	5290	Ant1	81.74
NVNT	ax80 MIMO	5290	Ant2	81.52
NVNT	ax80 MIMO	5530	Ant1	81.32
NVNT	ax80 MIMO	5530	Ant2	81.36
NVNT	ax80 MIMO	5690	Ant1	81.77
NVNT	ax80 MIMO	5690	Ant2	81.62
NVNT	ax160 SISO	5250	Ant1	164.7
NVNT	ax160 SISO	5570	Ant1	164.2
NVNT	ax160 SISO	5250	Ant2	164.5
NVNT	ax160 SISO	5570	Ant2	165.3
NVNT	ax160 MIMO	5250	Ant1	164.3
NVNT	ax160 MIMO	5250	Ant2	164
NVNT	ax160 MIMO	5570	Ant1	164.9
NVNT	ax160 MIMO	5570	Ant2	165.5
NVNT	ax20 26@0 SISO	5180	Ant1	20.71
NVNT	ax20 26@0 SISO	5220	Ant1	20.62
NVNT	ax20 26@0 SISO	5240	Ant1	20.9
NVNT	ax20 26@0 SISO	5260	Ant1	20.9



NVNT	ax20 26@0 SISO	5300	Ant1	21.08
NVNT	ax20 26@0 SISO	5320	Ant1	21.13
NVNT	ax20 26@0 SISO	5500	Ant1	20.74
NVNT	ax20 26@0 SISO	5580	Ant1	20.8
NVNT	ax20 26@0 SISO	5720	Ant1	20.71
NVNT	ax20 26@0 SISO	5180	Ant2	20.84
NVNT	ax20 26@0 SISO	5220	Ant2	21.06
NVNT	ax20 26@0 SISO	5240	Ant2	20.23
NVNT	ax20 26@0 SISO	5260	Ant2	20.9
NVNT	ax20 26@0 SISO	5300	Ant2	20.79
NVNT	ax20 26@0 SISO	5320	Ant2	21.05
NVNT	ax20 26@0 SISO	5500	Ant2	20.73
NVNT	ax20 26@0 SISO	5580	Ant2	21.06
NVNT	ax20 26@0 SISO	5720	Ant2	20.85
NVNT	ax20 26@0 MIMO	5180	Ant1	20.33
NVNT	ax20 26@0 MIMO	5180	Ant2	20.88
NVNT	ax20 26@0 MIMO	5220	Ant1	19.74
NVNT	ax20 26@0 MIMO	5220	Ant2	20.76
NVNT	ax20 26@0 MIMO	5240	Ant1	21.08
NVNT	ax20 26@0 MIMO	5240	Ant2	20.75
NVNT	ax20 26@0 MIMO	5260	Ant1	20.58
NVNT	ax20 26@0 MIMO	5260	Ant2	20.79
NVNT	ax20 26@0 MIMO	5300	Ant1	20.49
NVNT	ax20 26@0 MIMO	5300	Ant2	20.49
NVNT	ax20 26@0 MIMO	5320	Ant1	21.18
NVNT	ax20 26@0 MIMO	5320	Ant2	20.64
NVNT	ax20 26@0 MIMO	5500	Ant1	20.55
NVNT	ax20 26@0 MIMO	5500	Ant2	20.15
NVNT	ax20 26@0 MIMO	5580	Ant1	20.85
NVNT	ax20 26@0 MIMO	5580	Ant2	20.75
NVNT	ax20 26@0 MIMO	5720	Ant1	18.86
NVNT	ax20 26@0 MIMO	5720	Ant2	20.18
NVNT	ax20 52@37 SISO	5180	Ant1	21.91
NVNT	ax20 52@37 SISO	5220	Ant1	21.46
NVNT	ax20 52@37 SISO	5240	Ant1	20.82
NVNT	ax20 52@37 SISO	5260	Ant1	21.09
NVNT	ax20 52@37 SISO	5300	Ant1	21.64
NVNT	ax20 52@37 SISO	5320	Ant1	21.27



NVNT	ax20 52@37 SISO	5500	Ant1	20.97
NVNT	ax20 52@37 SISO	5580	Ant1	21.1
NVNT	ax20 52@37 SISO	5720	Ant1	21.51
NVNT	ax20 52@37 SISO	5180	Ant2	21.72
NVNT	ax20 52@37 SISO	5220	Ant2	21.53
NVNT	ax20 52@37 SISO	5240	Ant2	21.63
NVNT	ax20 52@37 SISO	5260	Ant2	21.12
NVNT	ax20 52@37 SISO	5300	Ant2	21.33
NVNT	ax20 52@37 SISO	5320	Ant2	21.16
NVNT	ax20 52@37 SISO	5500	Ant2	21.8
NVNT	ax20 52@37 SISO	5580	Ant2	21.57
NVNT	ax20 52@37 SISO	5720	Ant2	20.6
NVNT	ax20 52@37 MIMO	5180	Ant1	21.74
NVNT	ax20 52@37 MIMO	5180	Ant2	20.99
NVNT	ax20 52@37 MIMO	5220	Ant1	21.44
NVNT	ax20 52@37 MIMO	5220	Ant2	21.07
NVNT	ax20 52@37 MIMO	5240	Ant1	20.85
NVNT	ax20 52@37 MIMO	5240	Ant2	21.36
NVNT	ax20 52@37 MIMO	5260	Ant1	21.24
NVNT	ax20 52@37 MIMO	5260	Ant2	21.5
NVNT	ax20 52@37 MIMO	5300	Ant1	21.67
NVNT	ax20 52@37 MIMO	5300	Ant2	20.92
NVNT	ax20 52@37 MIMO	5320	Ant1	20.92
NVNT	ax20 52@37 MIMO	5320	Ant2	21.63
NVNT	ax20 52@37 MIMO	5500	Ant1	20.95
NVNT	ax20 52@37 MIMO	5500	Ant2	21.06
NVNT	ax20 52@37 MIMO	5580	Ant1	21.11
NVNT	ax20 52@37 MIMO	5580	Ant2	20.77
NVNT	ax20 52@37 MIMO	5720	Ant1	21.04
NVNT	ax20 52@37 MIMO	5720	Ant2	20.61
NVNT	ax20 106@53 SISO	5180	Ant1	21.23
NVNT	ax20 106@53 SISO	5220	Ant1	22
NVNT	ax20 106@53 SISO	5240	Ant1	21.58
NVNT	ax20 106@53 SISO	5260	Ant1	21.66
NVNT	ax20 106@53 SISO	5300	Ant1	21.26
NVNT	ax20 106@53 SISO	5320	Ant1	21.78
NVNT	ax20 106@53 SISO	5500	Ant1	21.88
NVNT	ax20 106@53 SISO	5580	Ant1	21.78



NVNT	ax20 106@53 SISO	5720	Ant1	22.05
NVNT	ax20 106@53 SISO	5180	Ant2	22.11
NVNT	ax20 106@53 SISO	5220	Ant2	22.04
NVNT	ax20 106@53 SISO	5240	Ant2	21.93
NVNT	ax20 106@53 SISO	5260	Ant2	20.7
NVNT	ax20 106@53 SISO	5300	Ant2	21.87
NVNT	ax20 106@53 SISO	5320	Ant2	22.08
NVNT	ax20 106@53 SISO	5500	Ant2	22.21
NVNT	ax20 106@53 SISO	5580	Ant2	20.57
NVNT	ax20 106@53 SISO	5720	Ant2	22.34
NVNT	ax20 106@53 MIMO	5180	Ant1	22.18
NVNT	ax20 106@53 MIMO	5180	Ant2	21.63
NVNT	ax20 106@53 MIMO	5220	Ant1	21.91
NVNT	ax20 106@53 MIMO	5220	Ant2	20.9
NVNT	ax20 106@53 MIMO	5240	Ant1	21.99
NVNT	ax20 106@53 MIMO	5240	Ant2	20.64
NVNT	ax20 106@53 MIMO	5260	Ant1	21.56
NVNT	ax20 106@53 MIMO	5260	Ant2	20.28
NVNT	ax20 106@53 MIMO	5300	Ant1	20.77
NVNT	ax20 106@53 MIMO	5300	Ant2	21.24
NVNT	ax20 106@53 MIMO	5320	Ant1	21.87
NVNT	ax20 106@53 MIMO	5320	Ant2	21.38
NVNT	ax20 106@53 MIMO	5500	Ant1	20.95
NVNT	ax20 106@53 MIMO	5500	Ant2	21.35
NVNT	ax20 106@53 MIMO	5580	Ant1	22.1
NVNT	ax20 106@53 MIMO	5580	Ant2	20.92
NVNT	ax20 106@53 MIMO	5720	Ant1	21.85
NVNT	ax20 106@53 MIMO	5720	Ant2	21.42
NVNT	ax40 26@0 SISO	5190	Ant1	40.66
NVNT	ax40 26@0 SISO	5190	Ant2	41.08
NVNT	ax40 26@0 MIMO	5190	Ant1	40.93
NVNT	ax40 26@0 MIMO	5190	Ant2	38.92
NVNT	ax40 52@37 SISO	5190	Ant1	39.11
NVNT	ax40 52@37 SISO	5190	Ant2	40.81
NVNT	ax40 52@37 MIMO	5190	Ant1	41.11
NVNT	ax40 52@37 MIMO	5190	Ant2	41.64
NVNT	ax40 106@53 SISO	5190	Ant1	40.86
NVNT	ax40 106@53 SISO	5190	Ant2	41.39



NVNT	ax40 106@53 MIMO	5190	Ant1	42
NVNT	ax40 106@53 MIMO	5190	Ant2	41.7
NVNT	ax40 242@61 SISO	5190	Ant1	42.07
NVNT	ax40 242@61 SISO	5190	Ant2	43.22
NVNT	ax40 242@61 MIMO	5190	Ant1	42.86
NVNT	ax40 242@61 MIMO	5190	Ant2	40.97
NVNT	ax80 26@0 SISO	5210	Ant1	82.15
NVNT	ax80 26@0 SISO	5210	Ant2	82.28
NVNT	ax80 26@0 MIMO	5210	Ant1	82.69
NVNT	ax80 26@0 MIMO	5210	Ant2	82.39
NVNT	ax80 52@37 SISO	5210	Ant1	81.03
NVNT	ax80 52@37 SISO	5210	Ant2	83.02
NVNT	ax80 52@37 MIMO	5210	Ant1	83.93
NVNT	ax80 52@37 MIMO	5210	Ant2	81.03
NVNT	ax80 106@53 SISO	5210	Ant1	83.43
NVNT	ax80 106@53 SISO	5210	Ant2	85.34
NVNT	ax80 106@53 MIMO	5210	Ant1	83.98
NVNT	ax80 106@53 MIMO	5210	Ant2	83.05
NVNT	ax80 242@61 SISO	5210	Ant1	84.64
NVNT	ax80 242@61 SISO	5210	Ant2	86.86
NVNT	ax80 242@61 MIMO	5210	Ant1	85.94
NVNT	ax80 242@61 MIMO	5210	Ant2	83.26
NVNT	ax80 484@65 SISO	5210	Ant1	86.68
NVNT	ax80 484@65 SISO	5210	Ant2	86
NVNT	ax80 484@65 MIMO	5210	Ant1	87.54
NVNT	ax80 484@65 MIMO	5210	Ant2	84.07
NVNT	ax160 26@0 SISO	5250	Ant1	164.1
NVNT	ax160 26@0 SISO	5250	Ant2	162.6
NVNT	ax160 26@0 MIMO	5250	Ant1	163.7
NVNT	ax160 26@0 MIMO	5250	Ant2	163.2
NVNT	ax160 52@74 SISO	5250	Ant1	164.1
NVNT	ax160 52@74 SISO	5250	Ant2	165.1
NVNT	ax160 52@74 MIMO	5250	Ant1	165
NVNT	ax160 52@74 MIMO	5250	Ant2	165.7
NVNT	ax160 106@106 SISO	5250	Ant1	167
NVNT	ax160 106@106 SISO	5250	Ant2	165.6
NVNT	ax160 106@106 MIMO	5250	Ant1	164.8
NVNT	ax160 106@106 MIMO	5250	Ant2	165.3

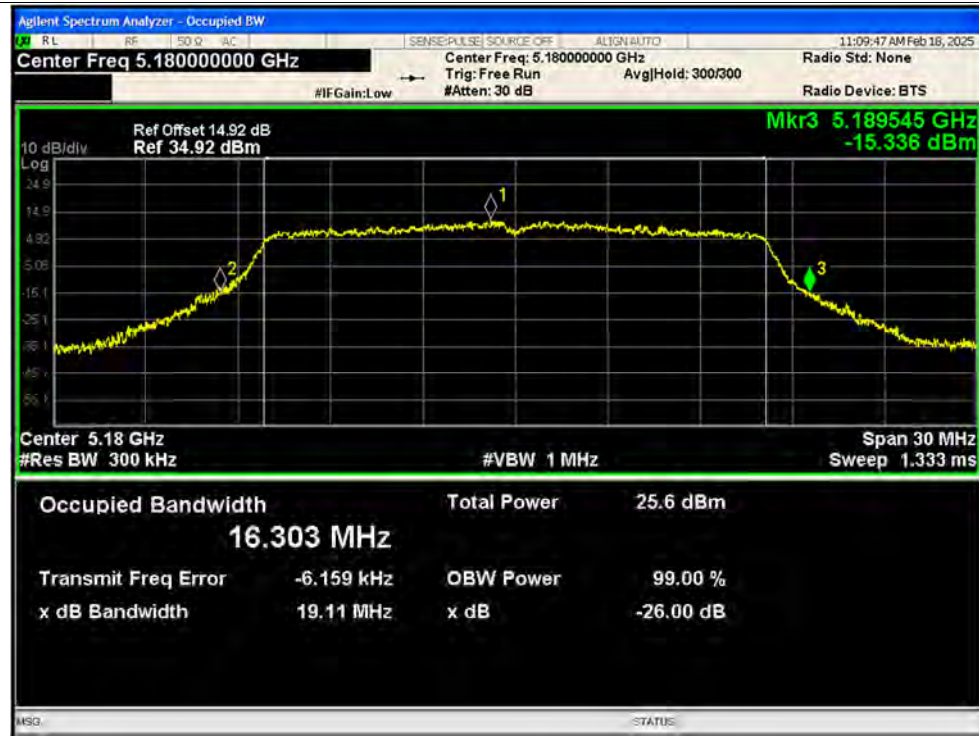


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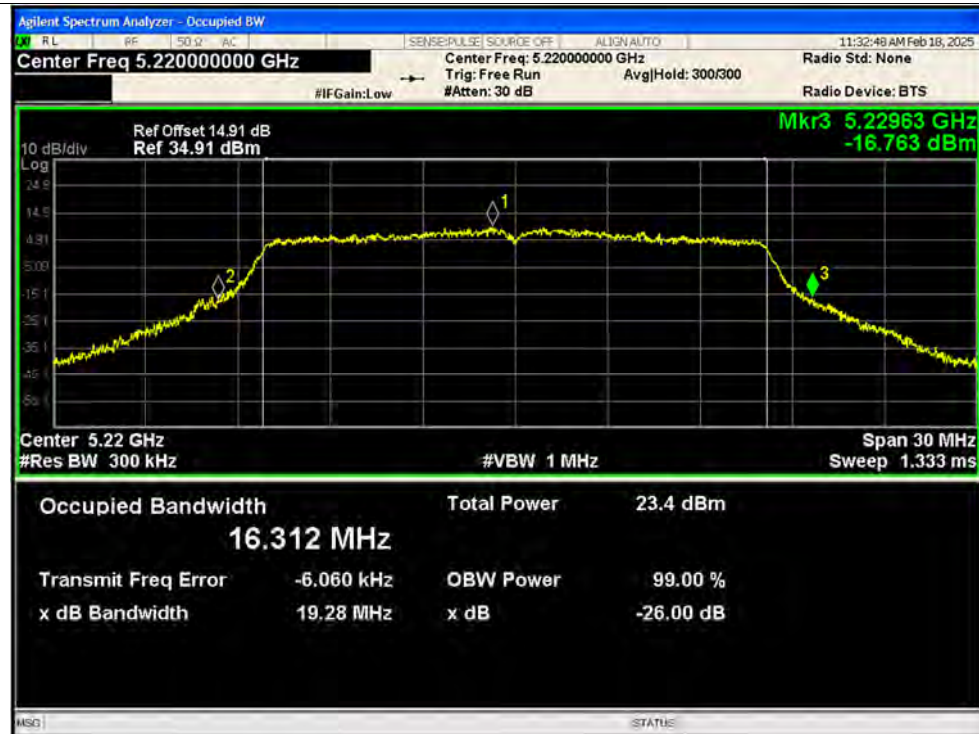
NVNT	ax160 242@122 SISO	5250	Ant1	165.8
NVNT	ax160 242@122 SISO	5250	Ant2	167.1
NVNT	ax160 242@122 MIMO	5250	Ant1	170.3
NVNT	ax160 242@122 MIMO	5250	Ant2	166
NVNT	ax160 484@130 SISO	5250	Ant1	169.5
NVNT	ax160 484@130 SISO	5250	Ant2	166.9
NVNT	ax160 484@130 MIMO	5250	Ant1	170.3
NVNT	ax160 484@130 MIMO	5250	Ant2	168.6
NVNT	ax160 966@134 SISO	5250	Ant1	171
NVNT	ax160 966@134 SISO	5250	Ant2	170.7
NVNT	ax160 966@134 MIMO	5250	Ant1	204.9
NVNT	ax160 966@134 MIMO	5250	Ant2	169.5

Test Graphs

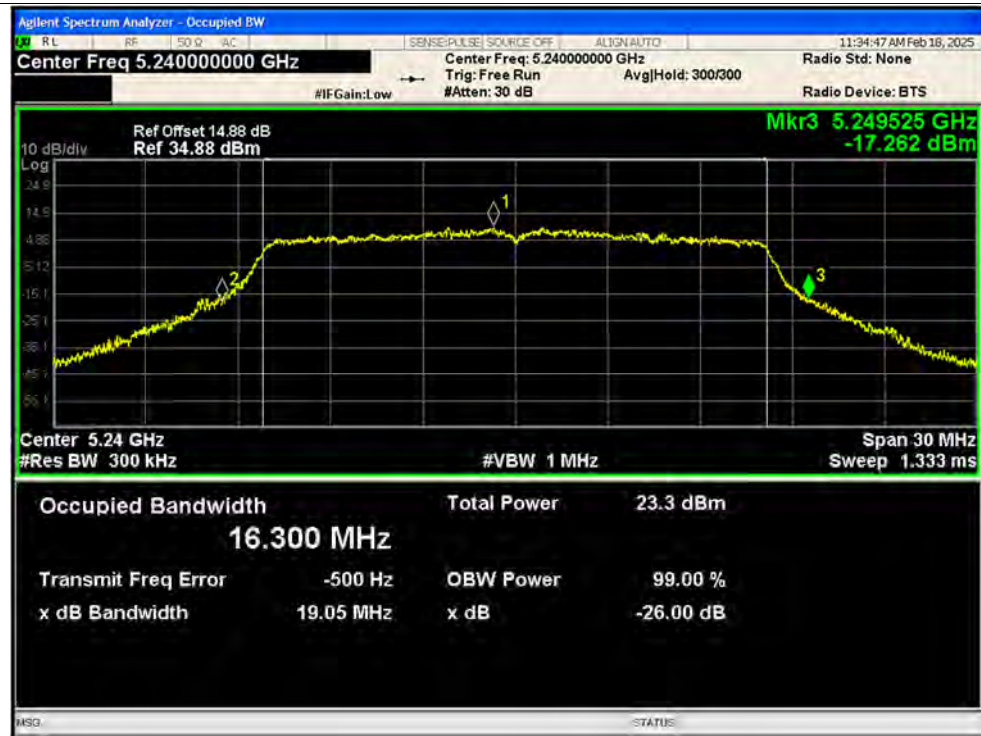
-26dB Bandwidth NVNT a 5180MHz Ant1 SISO



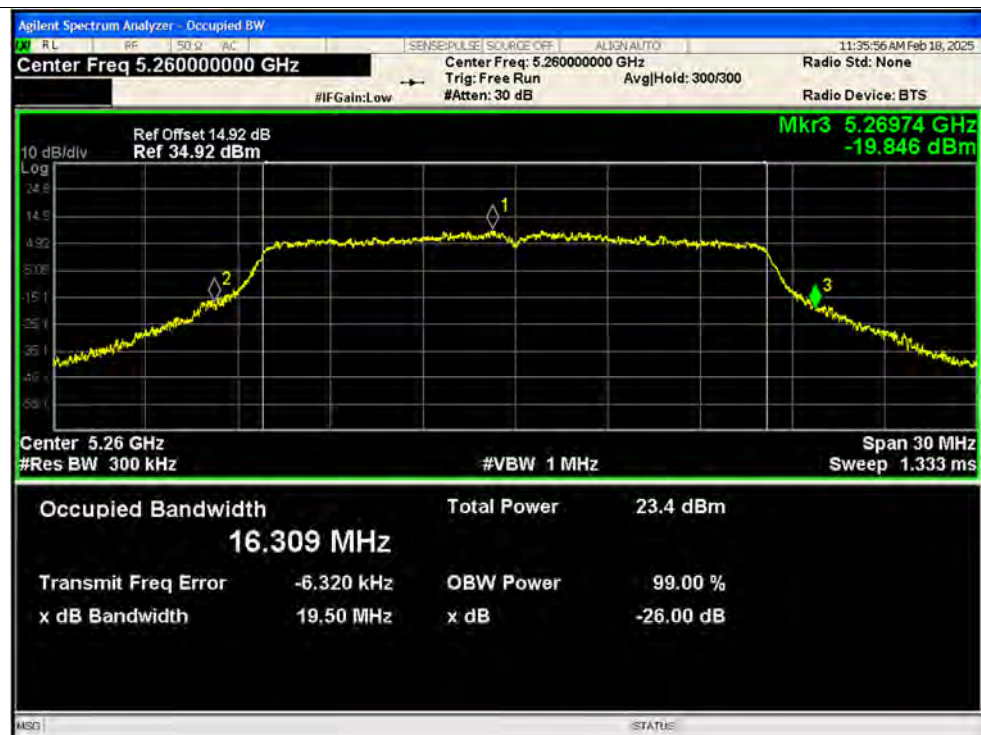
-26dB Bandwidth NVNT a 5220MHz Ant1 SISO



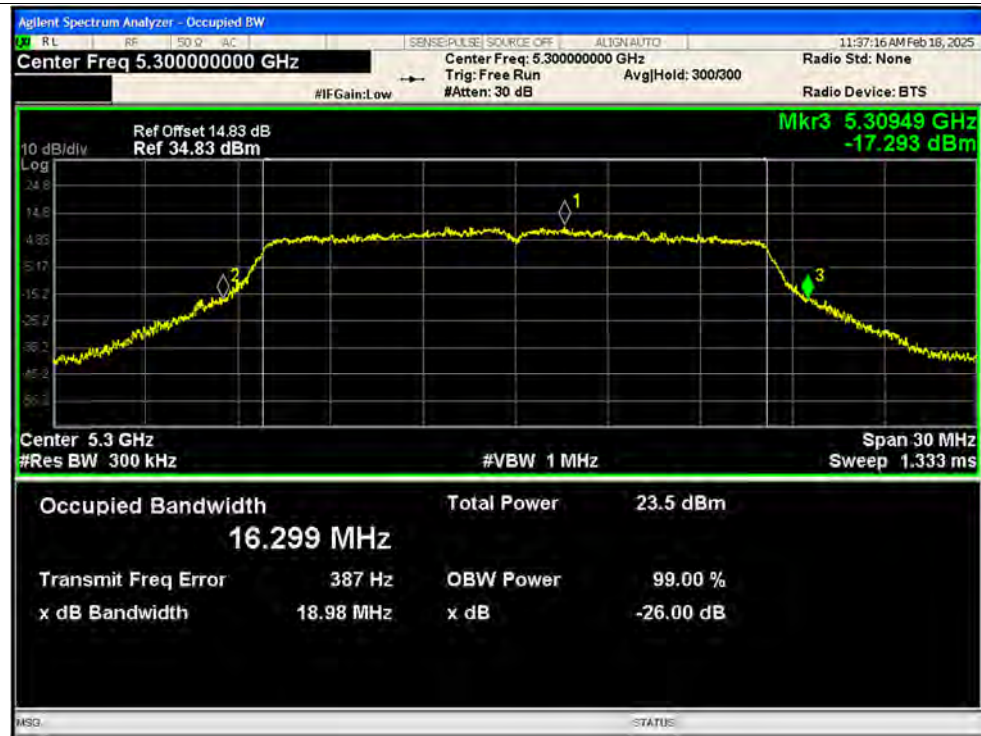
-26dB Bandwidth NVNT a 5240MHz Ant1 SISO



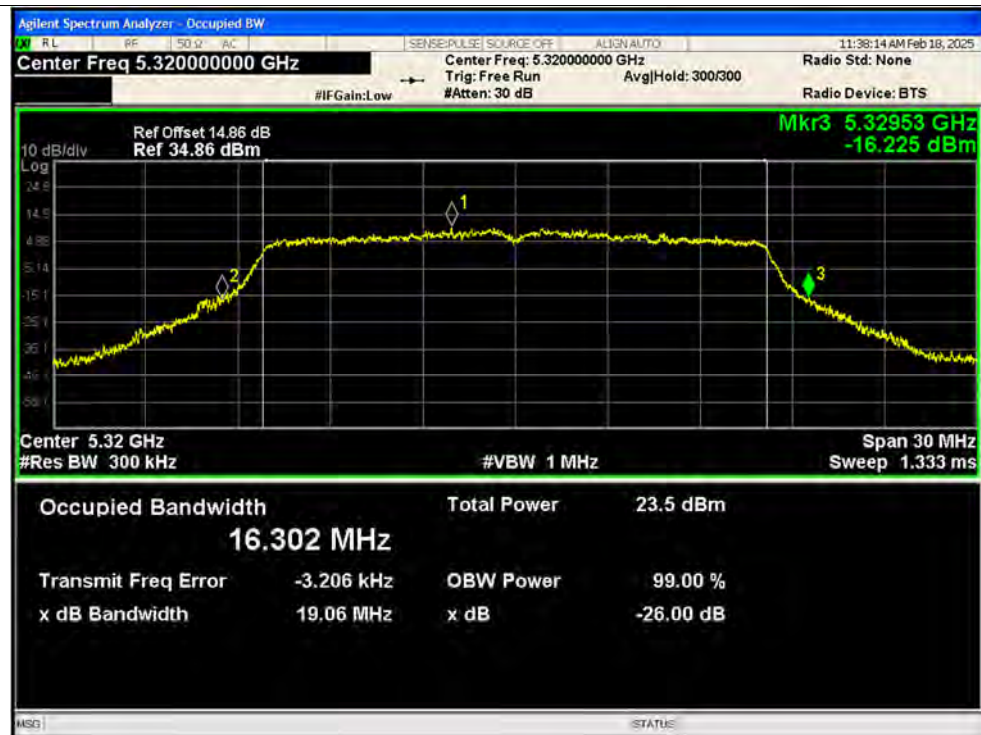
-26dB Bandwidth NVNT a 5260MHz Ant1 SISO



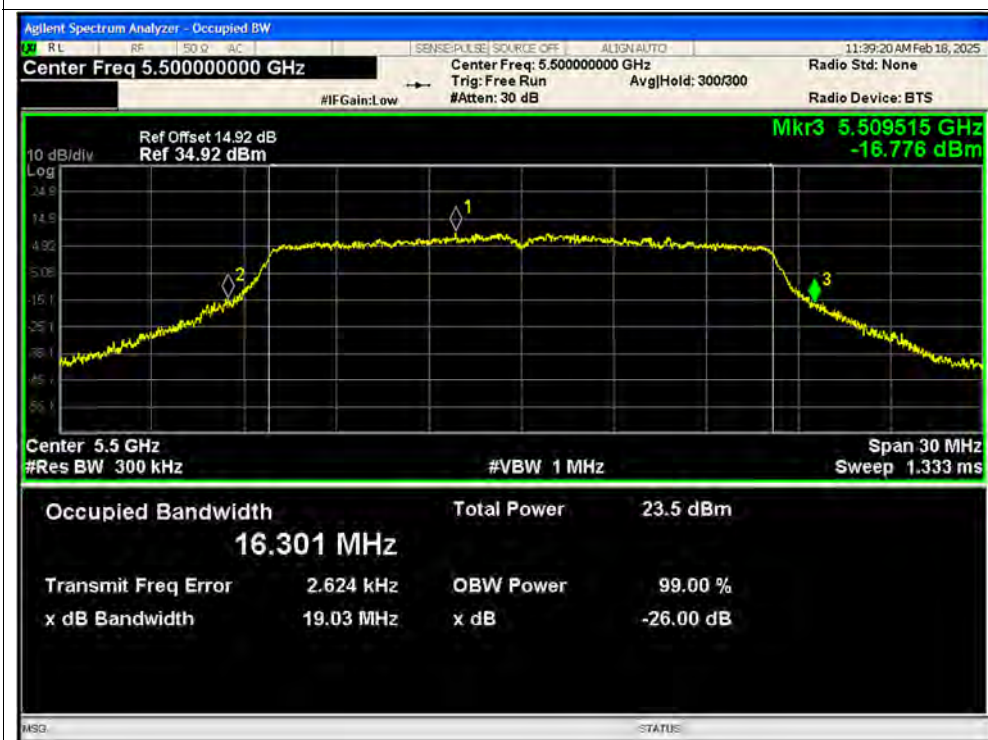
-26dB Bandwidth NVNT a 5300MHz Ant1 SISO



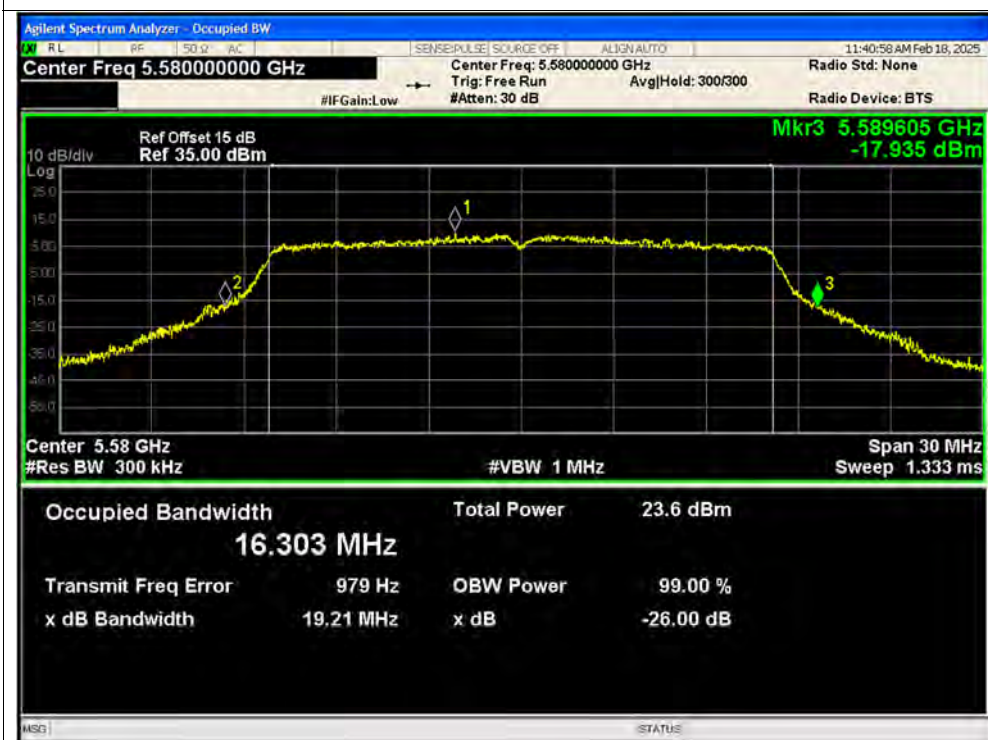
-26dB Bandwidth NVNT a 5320MHz Ant1 SISO



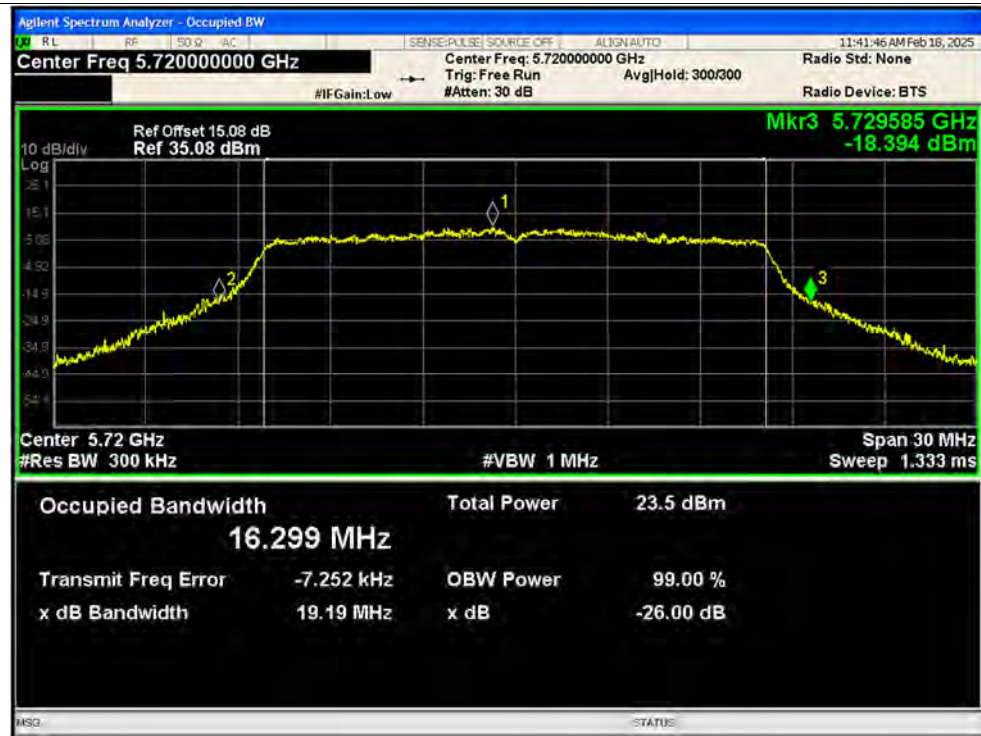
-26dB Bandwidth NVNT a 5500MHz Ant1 SISO



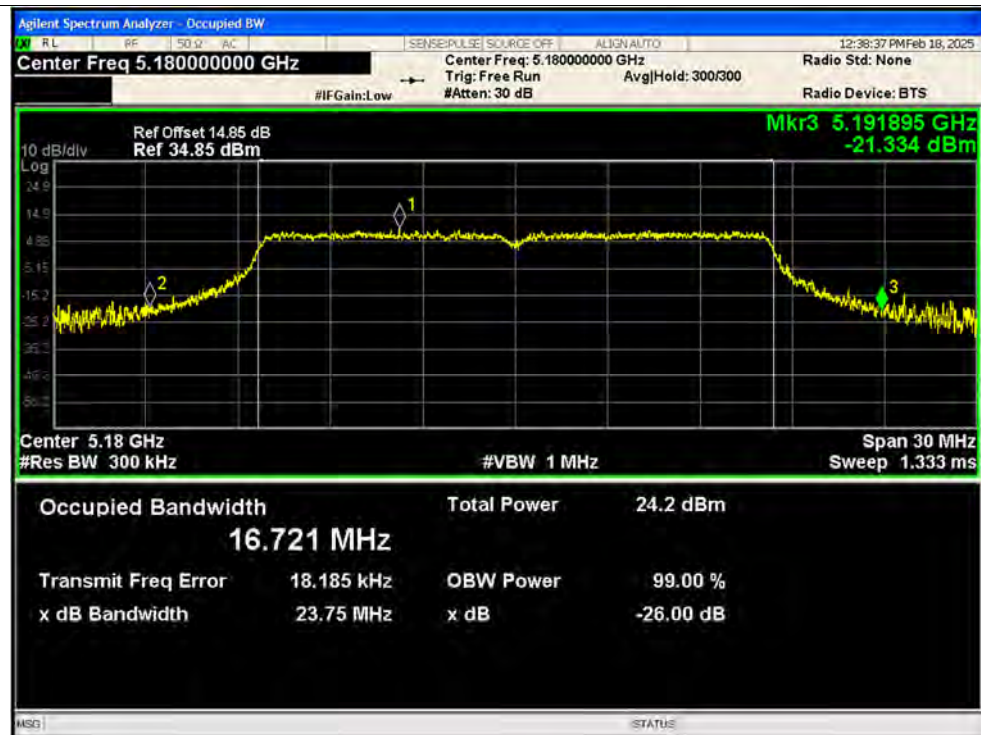
-26dB Bandwidth NVNT a 5580MHz Ant1 SISO



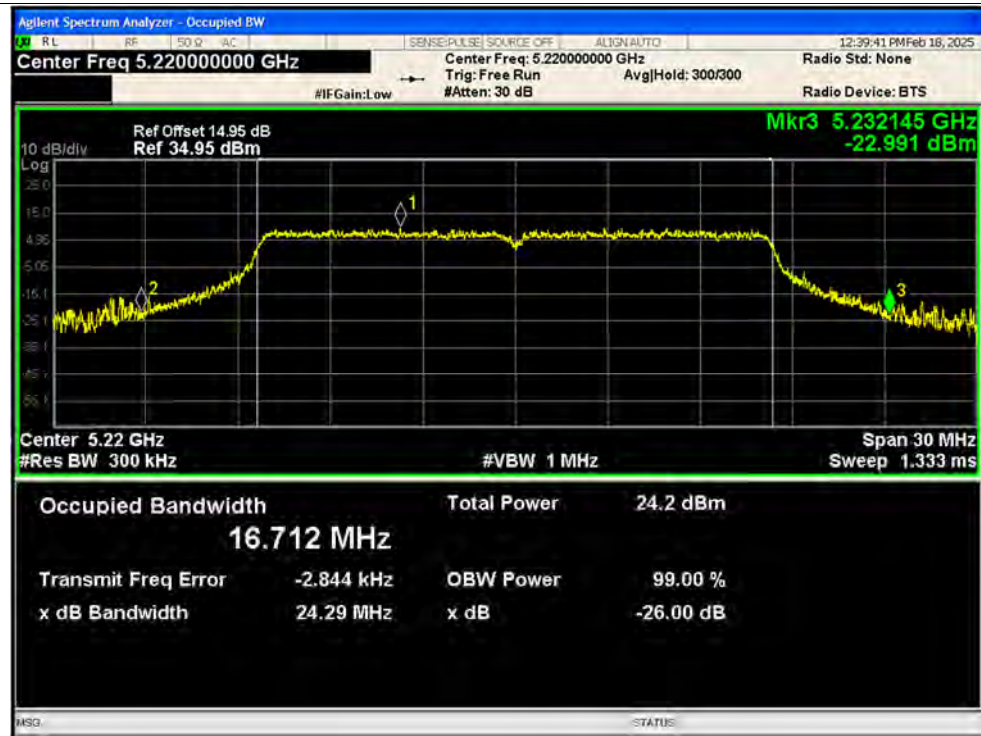
-26dB Bandwidth NVNT a 5720MHz Ant1 SISO



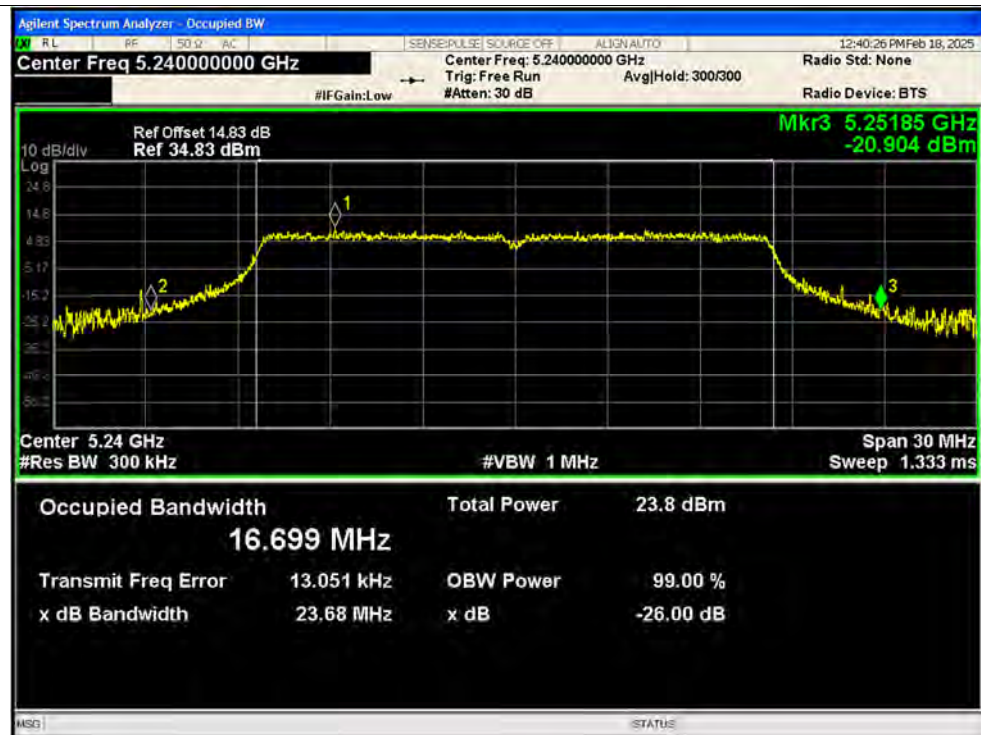
-26dB Bandwidth NVNT a 5180MHz Ant2 SISO



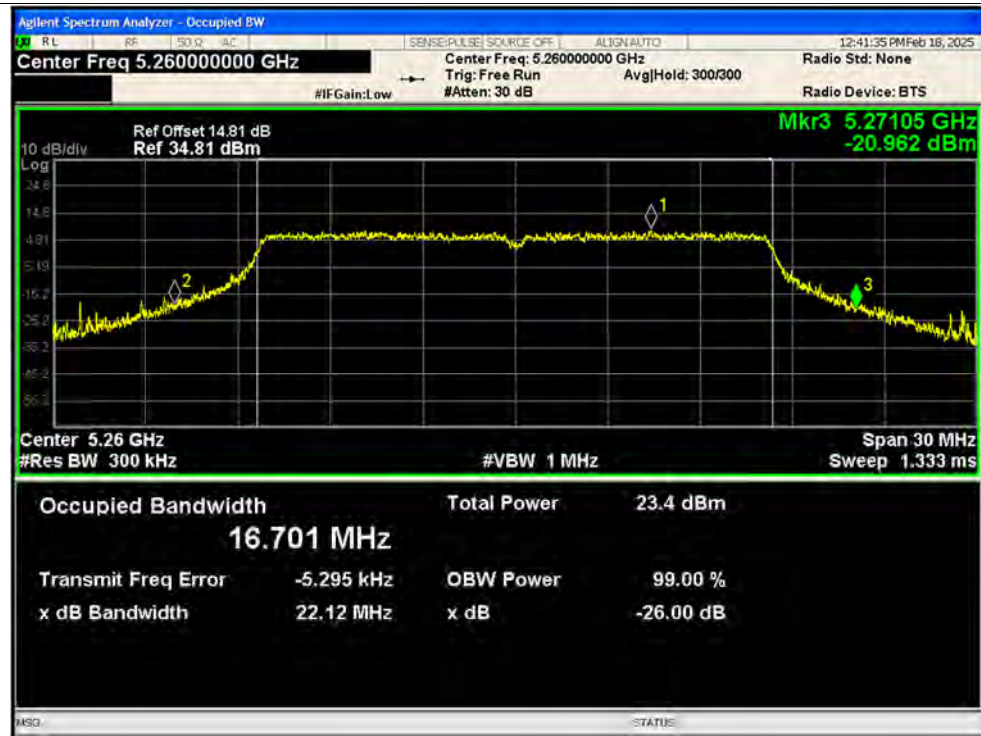
-26dB Bandwidth NVNT a 5220MHz Ant2 SISO



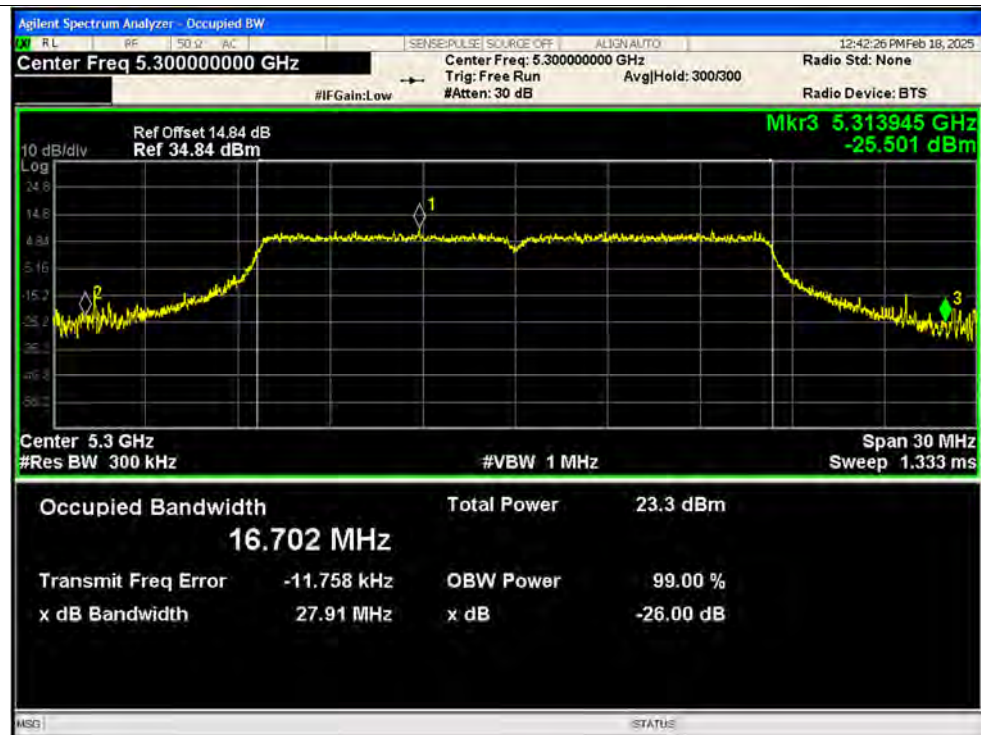
-26dB Bandwidth NVNT a 5240MHz Ant2 SISO



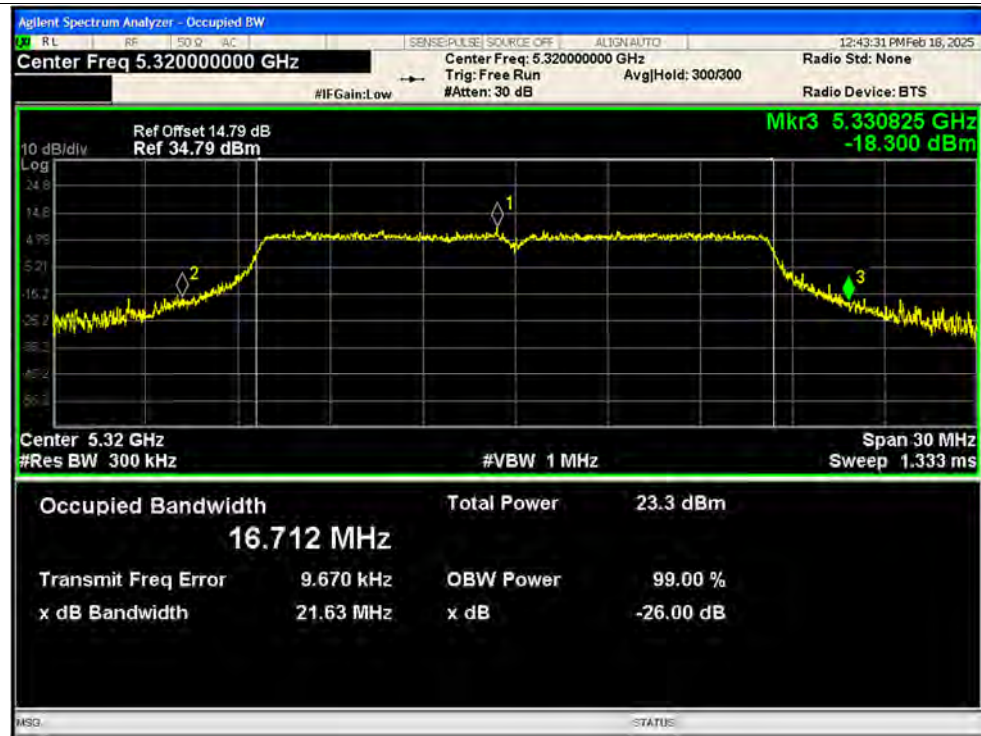
-26dB Bandwidth NVNT a 5260MHz Ant2 SISO



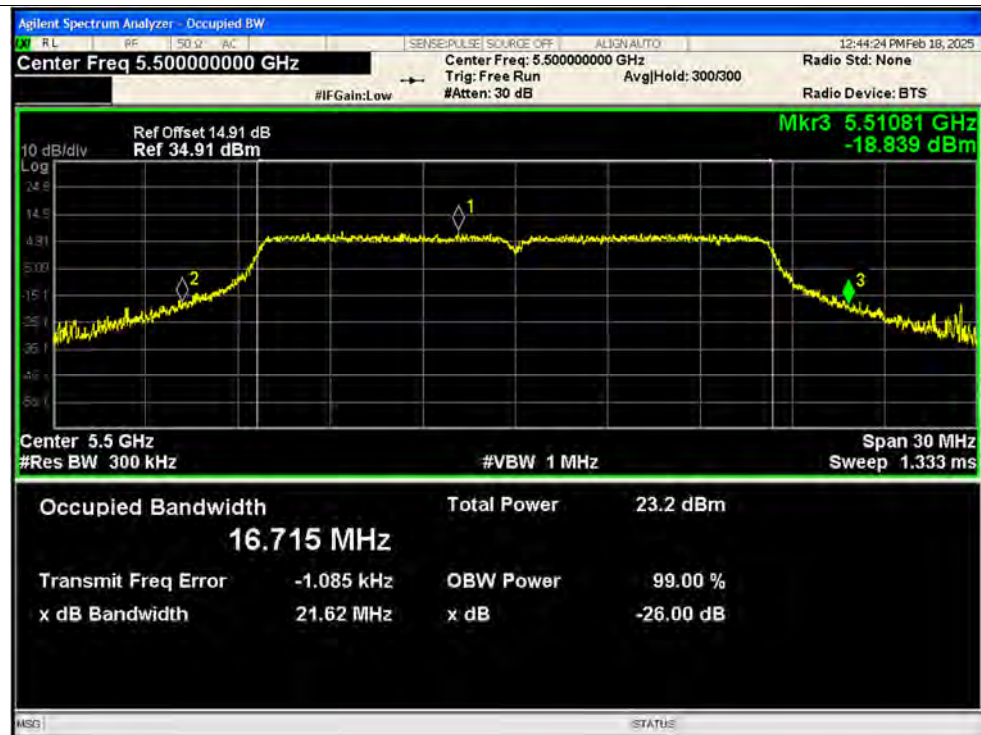
-26dB Bandwidth NVNT a 5300MHz Ant2 SISO



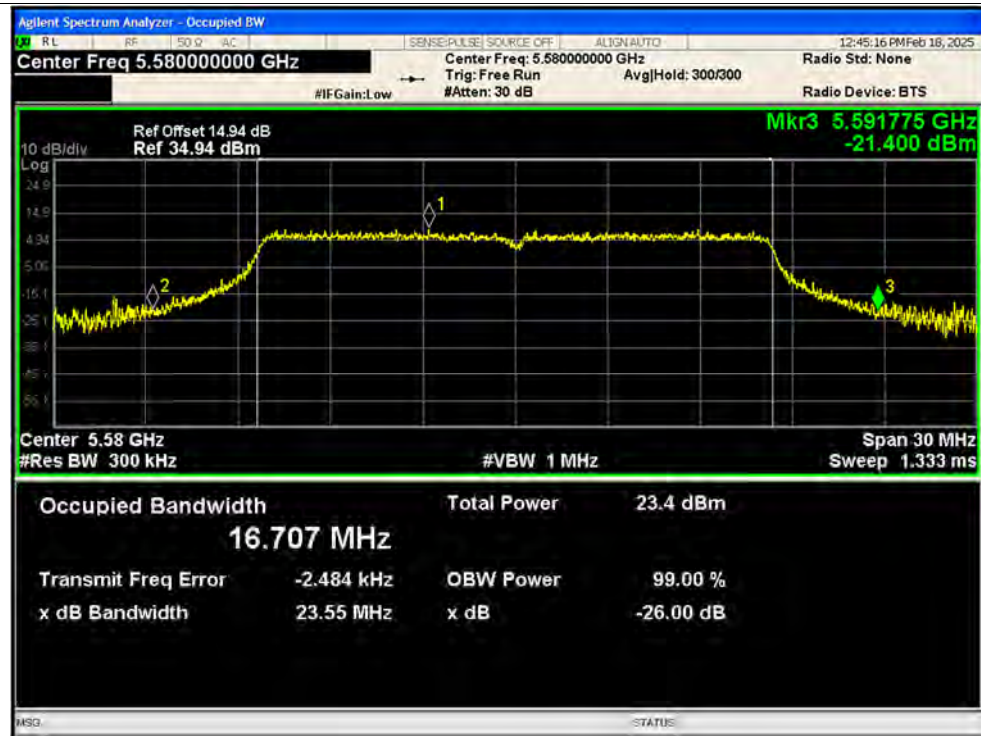
-26dB Bandwidth NVNT a 5320MHz Ant2 SISO



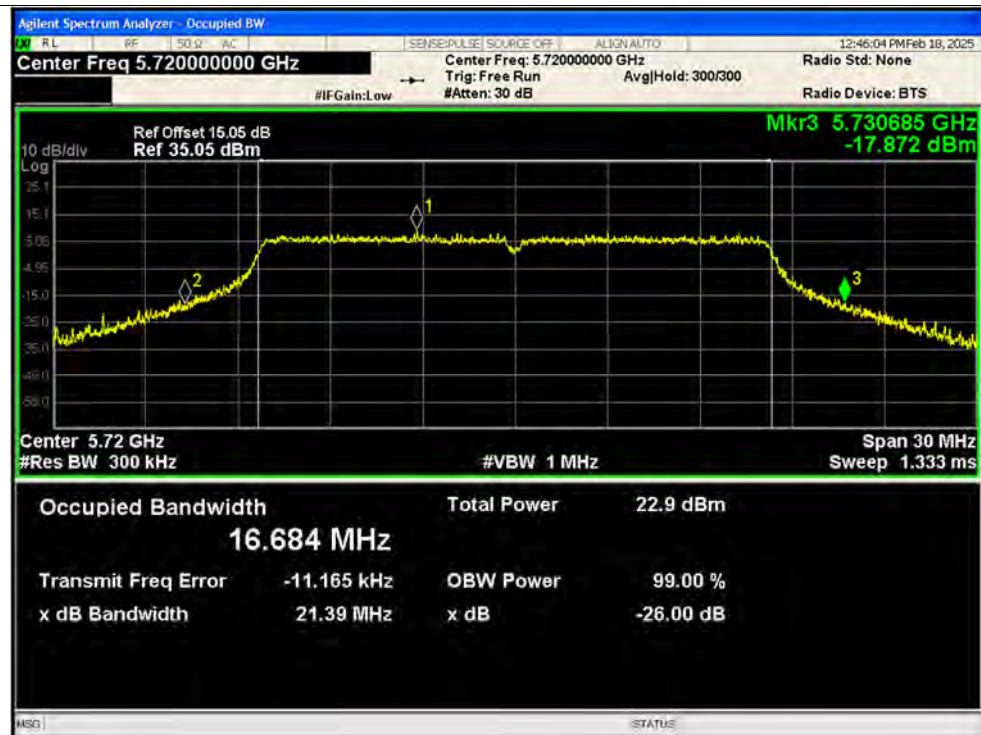
-26dB Bandwidth NVNT a 5500MHz Ant2 SISO



-26dB Bandwidth NVNT a 5580MHz Ant2 SISO



-26dB Bandwidth NVNT a 5720MHz 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 5260MHz Ant1 SISO



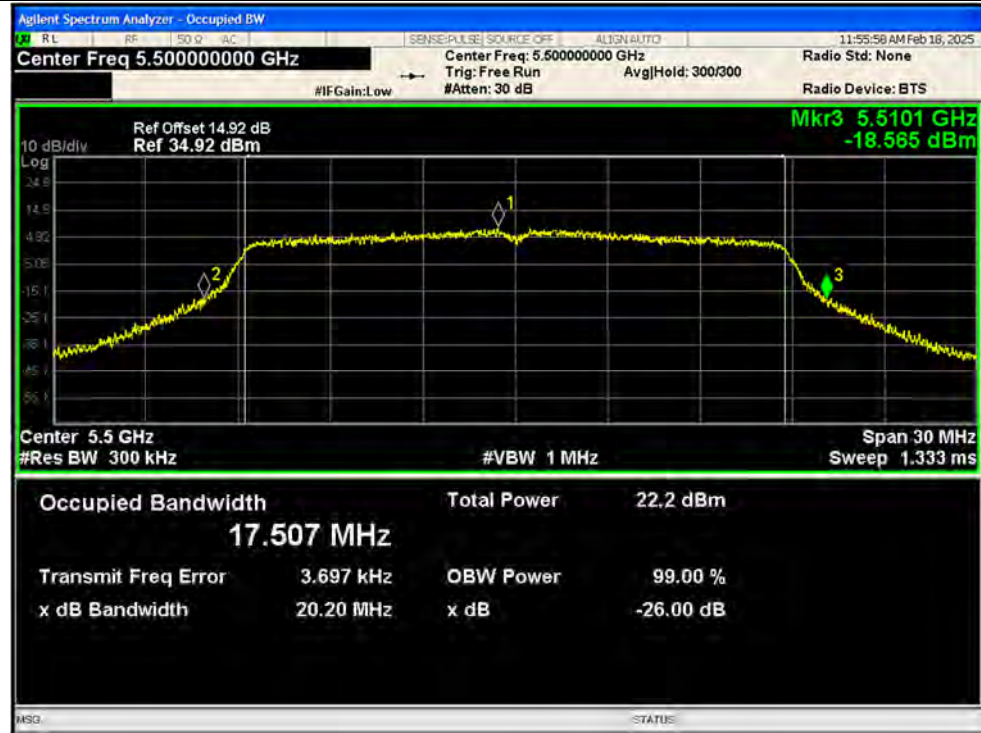
-26dB Bandwidth NVNT n20 5300MHz Ant1 SISO



-26dB Bandwidth NVNT n20 5320MHz Ant1 SISO



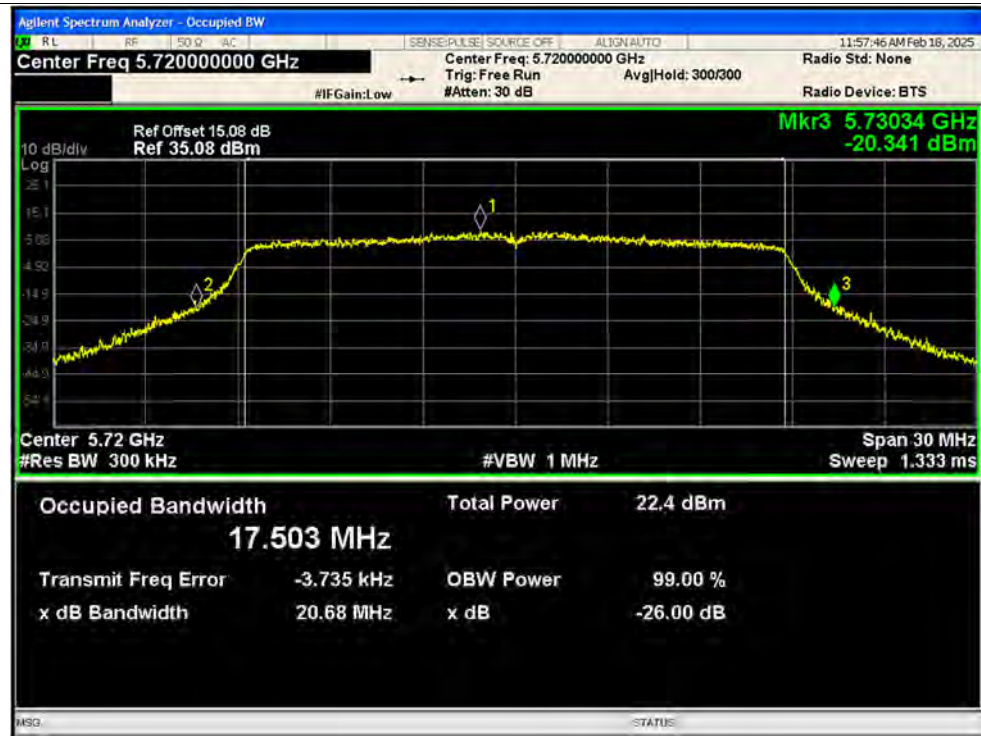
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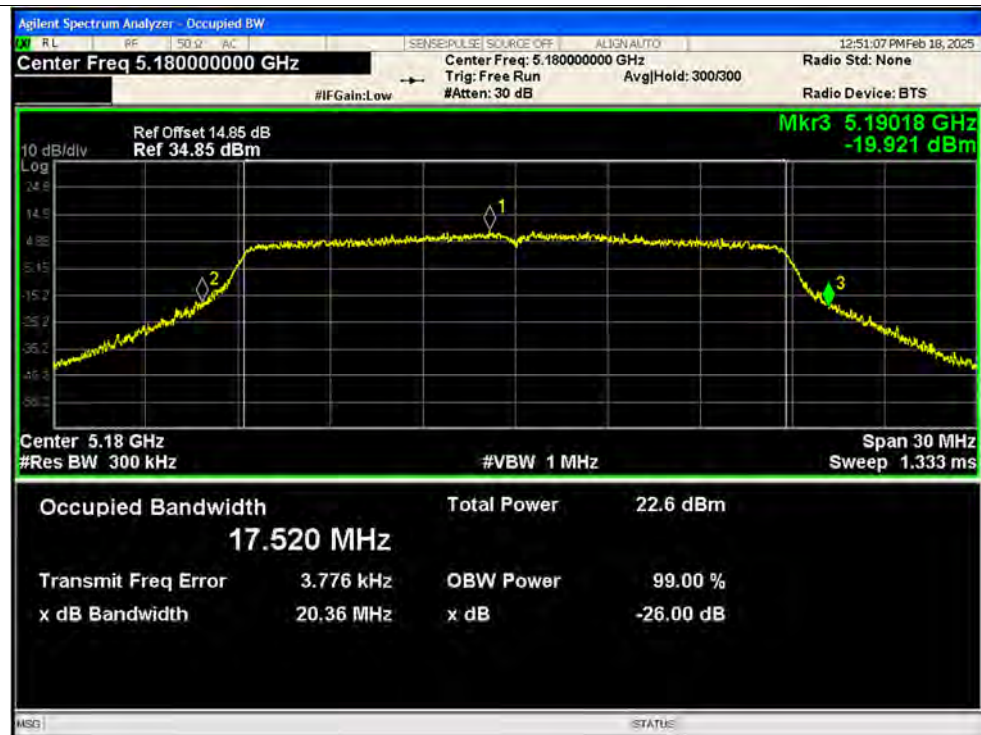
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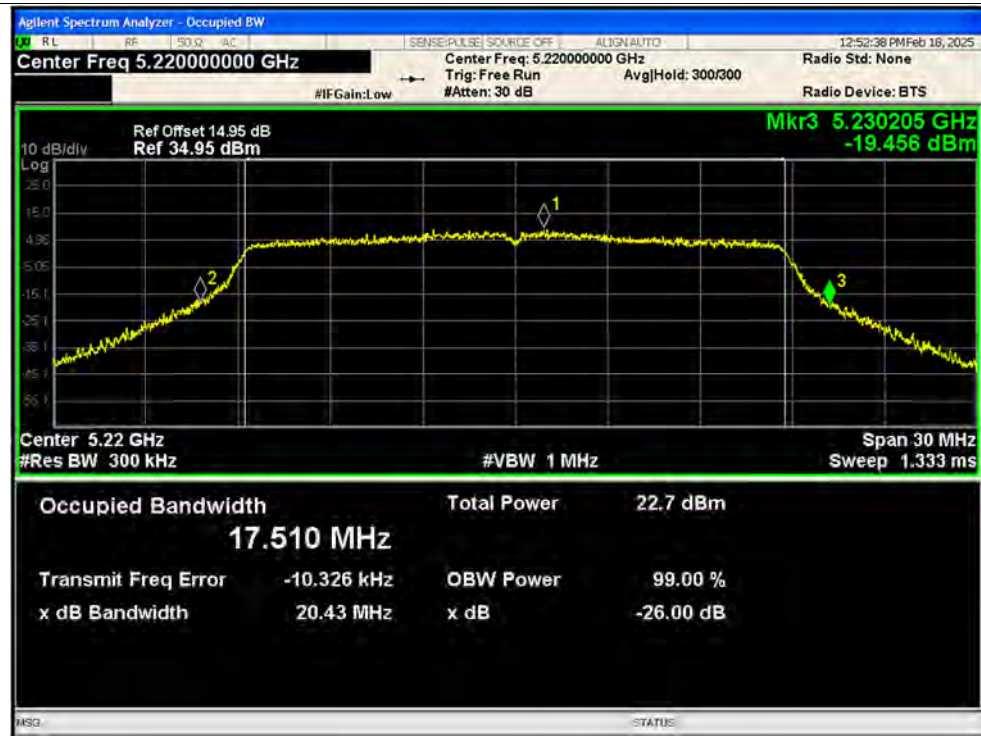
-26dB Bandwidth NVNT n20 5720MHz Ant1 SISO



-26dB Bandwidth NVNT n20 5180MHz Ant2 SISO



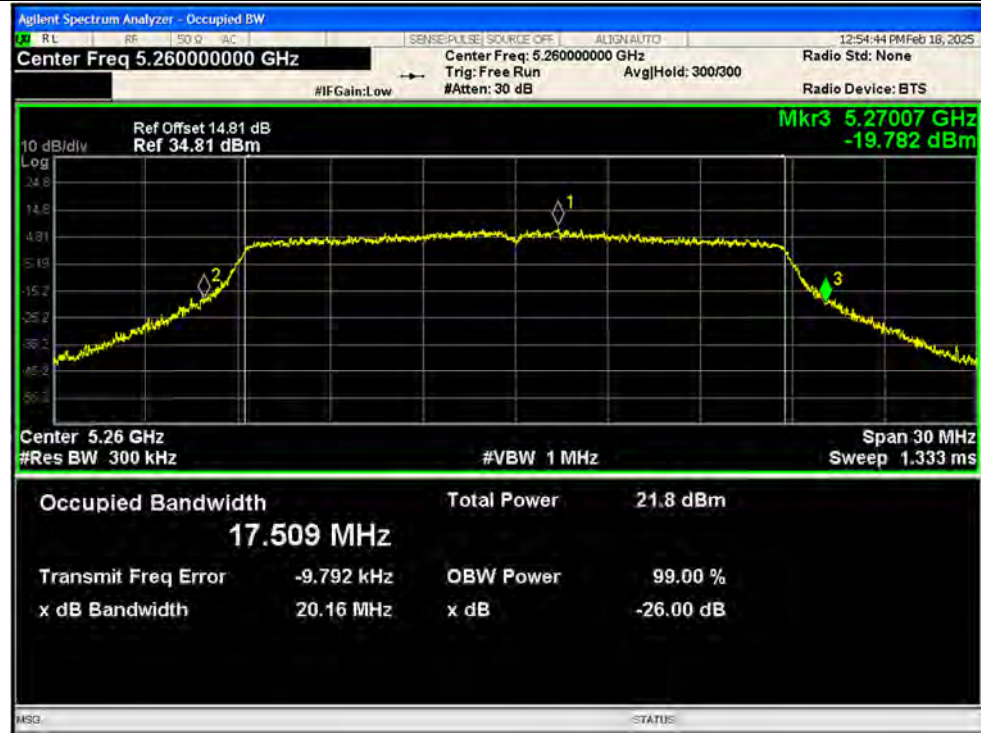
-26dB Bandwidth NVNT n20 5220MHz Ant2 SISO



-26dB Bandwidth NVNT n20 5240MHz Ant2 SISO



-26dB Bandwidth NVNT n20 5260MHz Ant2 SISO

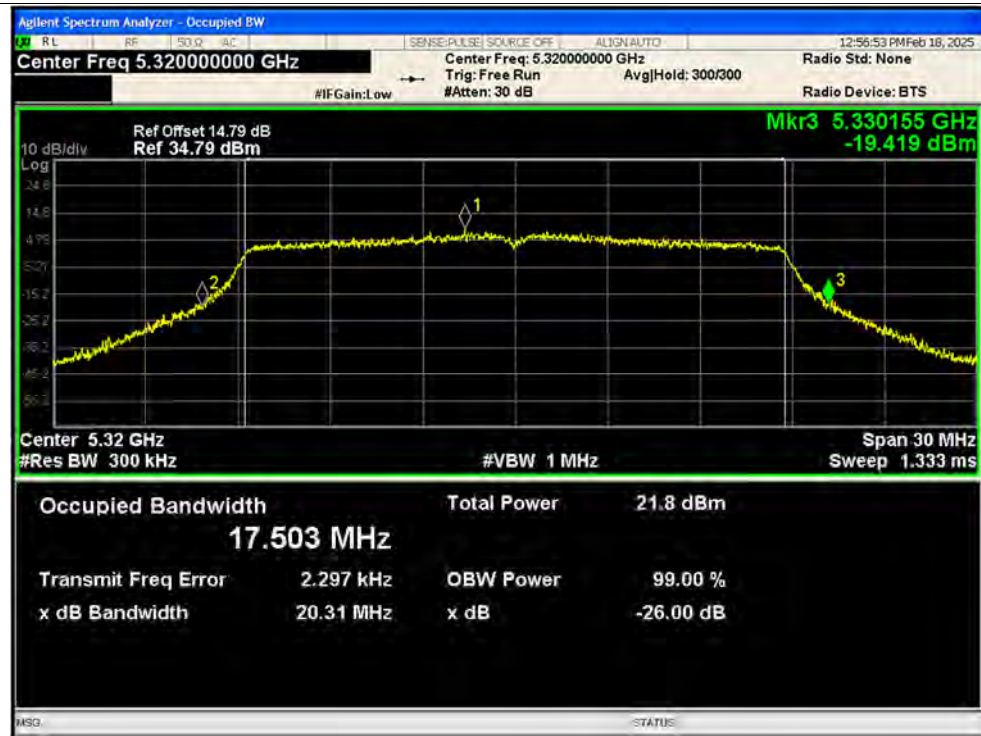


-26dB Bandwidth NVNT n20 5300MHz Ant2 SISO





-26dB Bandwidth NVNT n20 5320MHz Ant2 SISO



-26dB Bandwidth NVNT n20 5500MHz Ant2 SISO



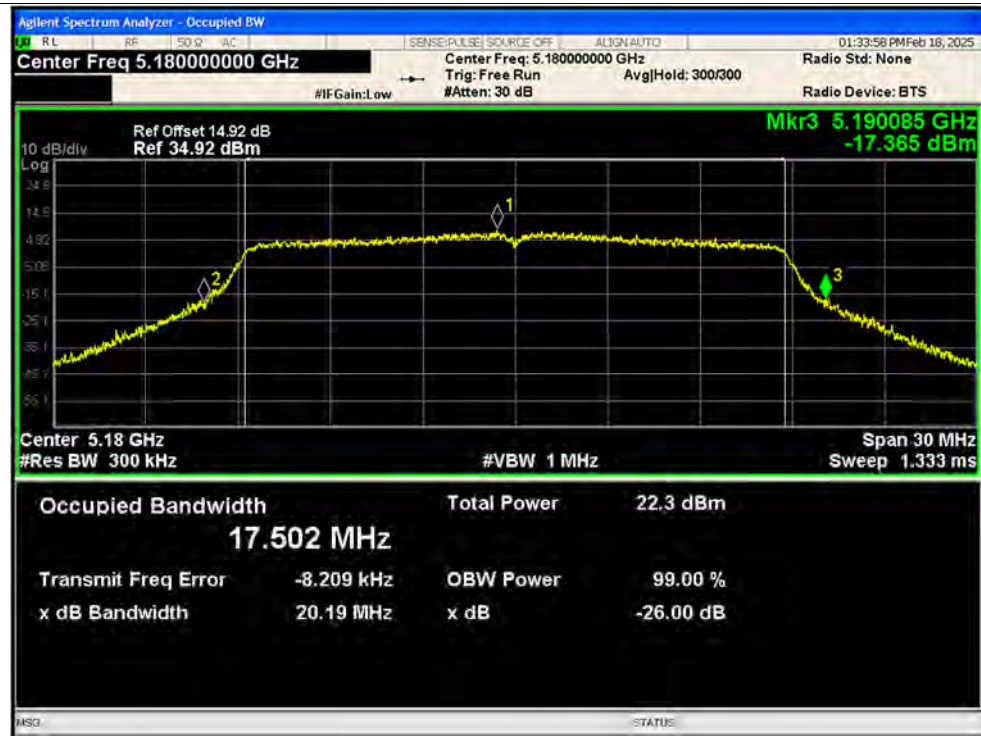
-26dB Bandwidth NVNT n20 5580MHz Ant2 SISO



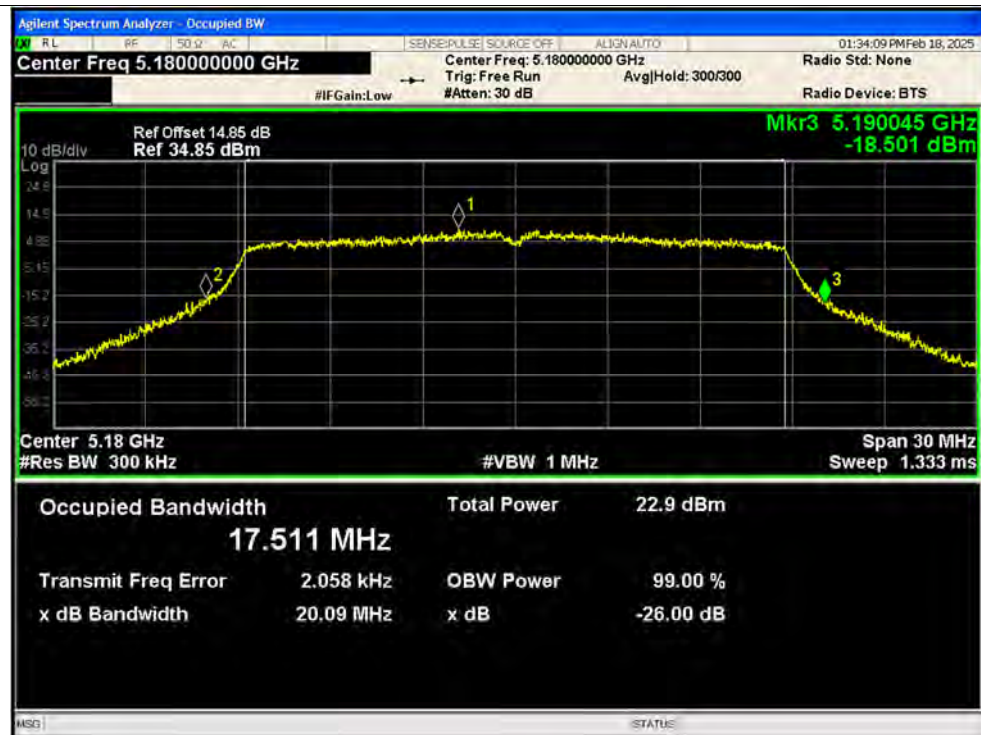
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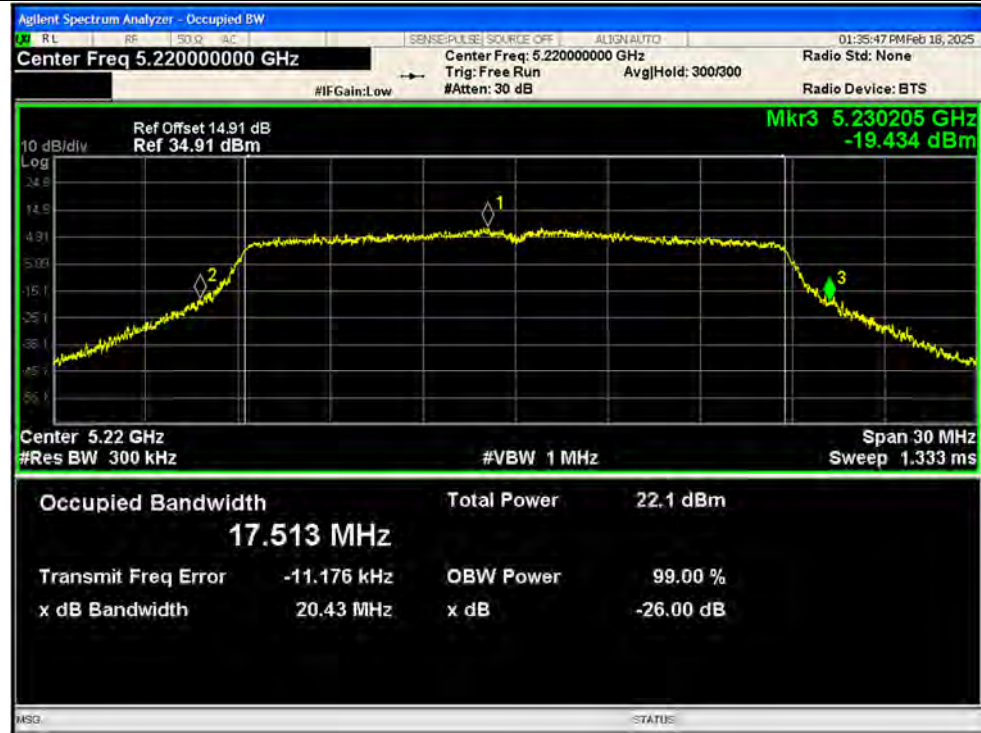
-26dB Bandwidth NVNT n20 5180MHz Ant1 MIMO



-26dB Bandwidth NVNT n20 5180MHz Ant2 MIMO



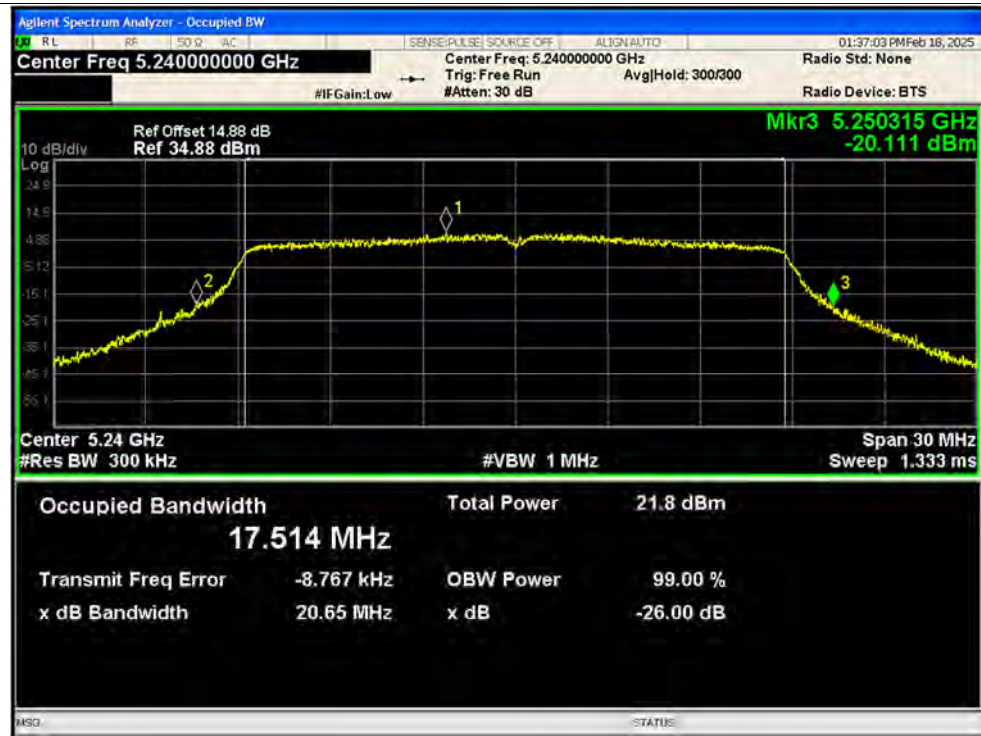
-26dB Bandwidth NVNT n20 5220MHz Ant1 MIMO



-26dB Bandwidth NVNT n20 5220MHz Ant2 MIMO



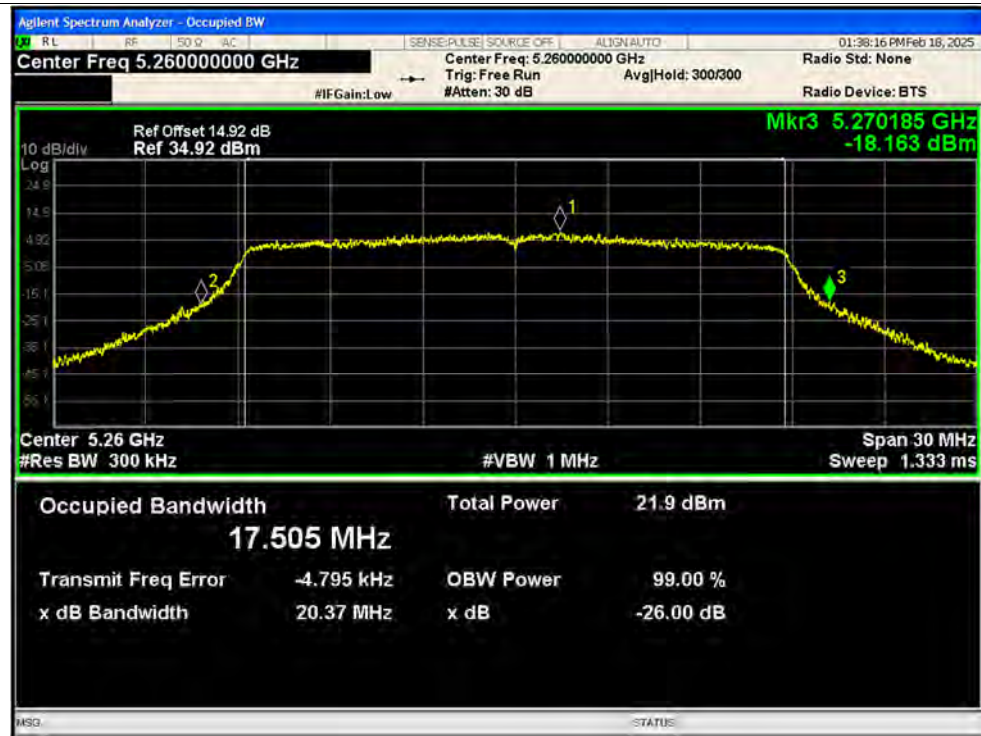
-26dB Bandwidth NVNT n20 5240MHz Ant1 MIMO



-26dB Bandwidth NVNT n20 5240MHz Ant2 MIMO



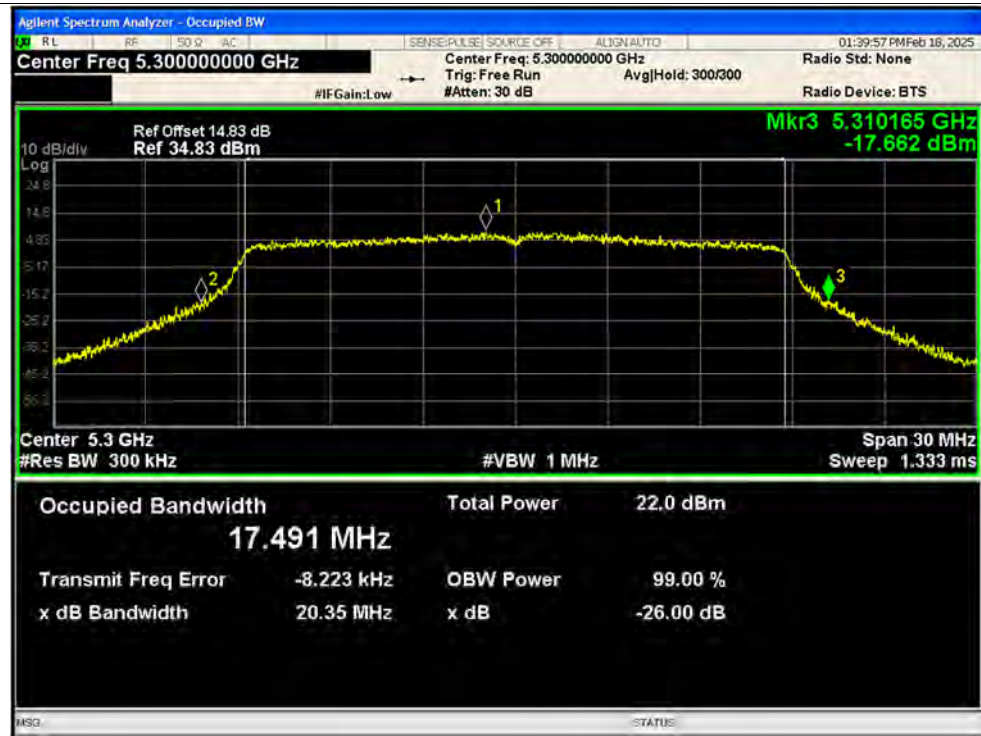
-26dB Bandwidth NVNT n20 5260MHz Ant1 MIMO



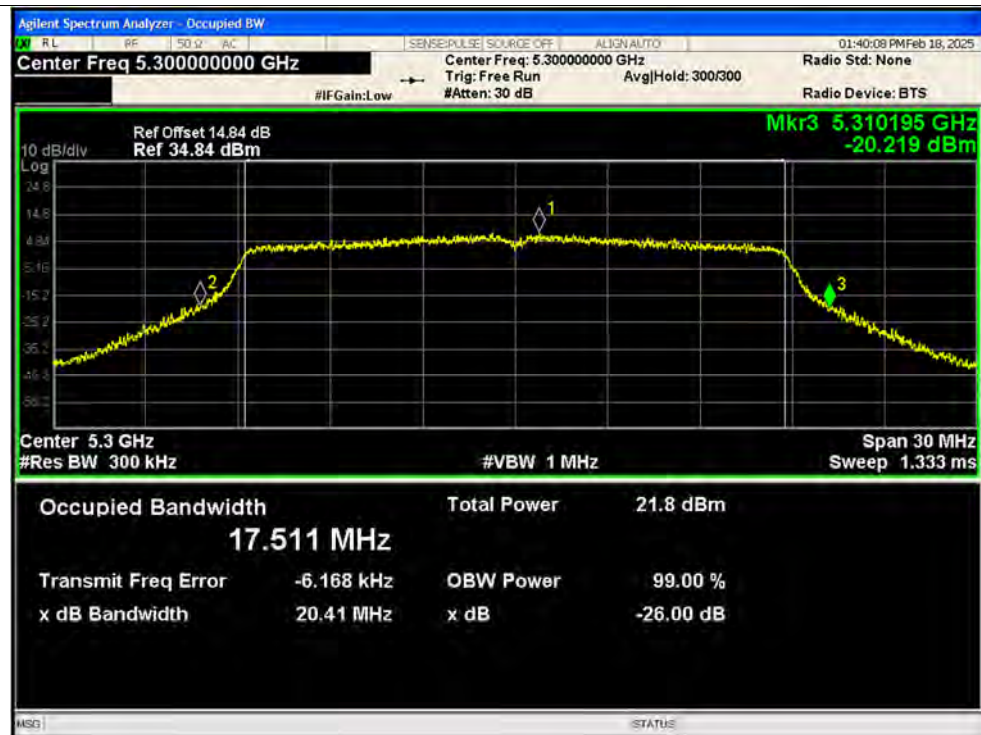
-26dB Bandwidth NVNT n20 5260MHz Ant2 MIMO



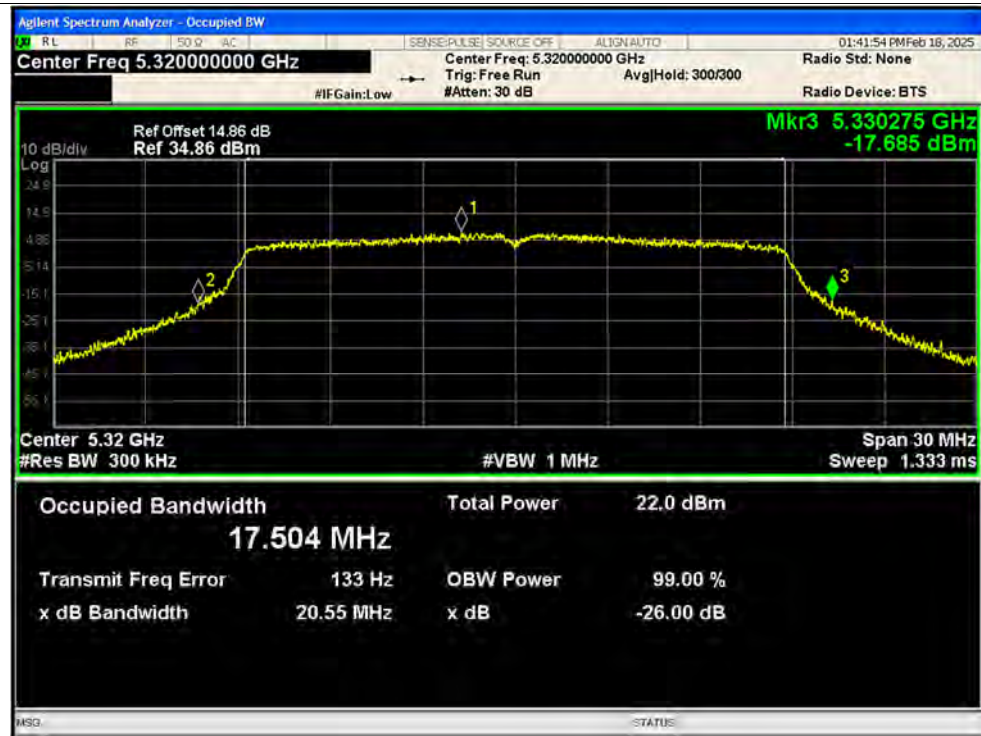
-26dB Bandwidth NVNT n20 5300MHz Ant1 MIMO



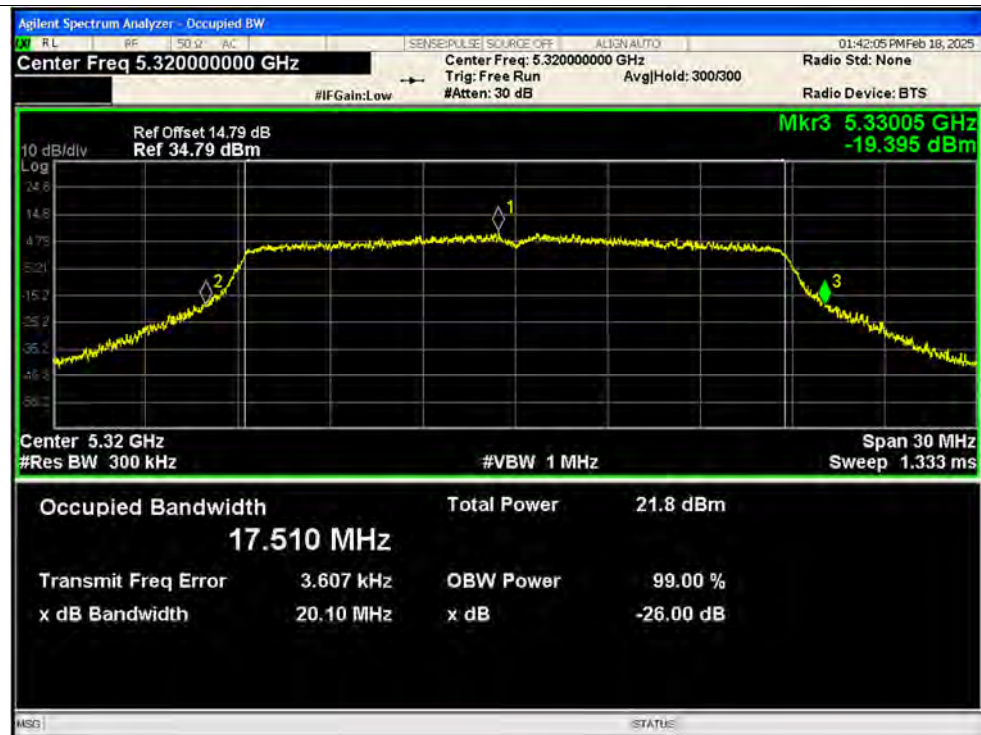
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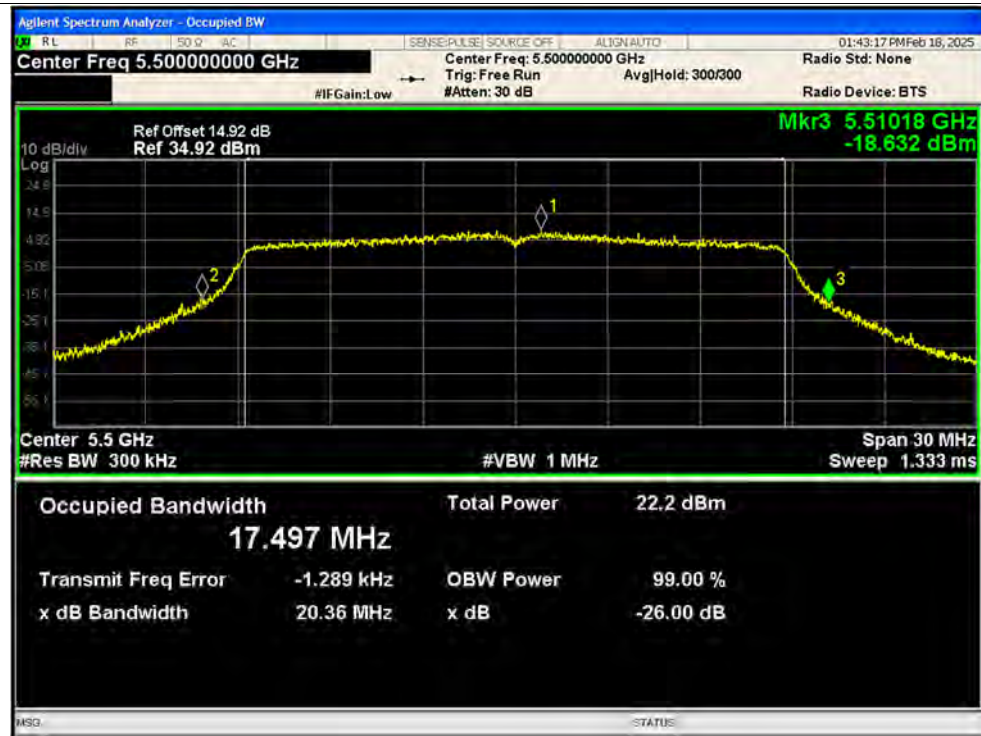
-26dB Bandwidth NVNT n20 5320MHz Ant1 MIMO



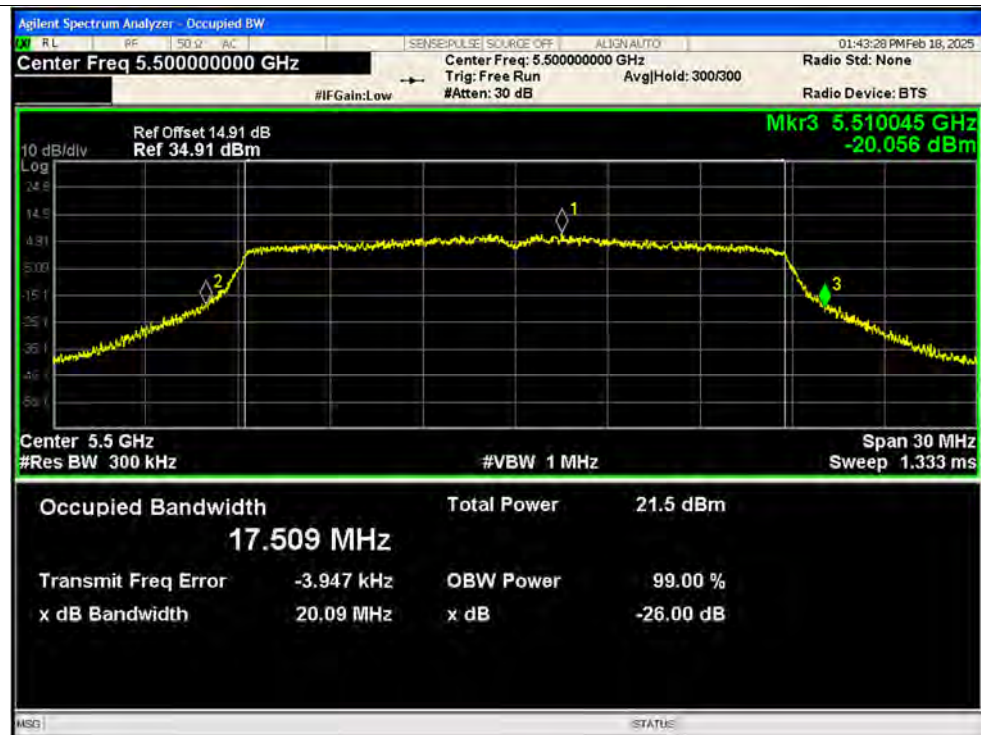
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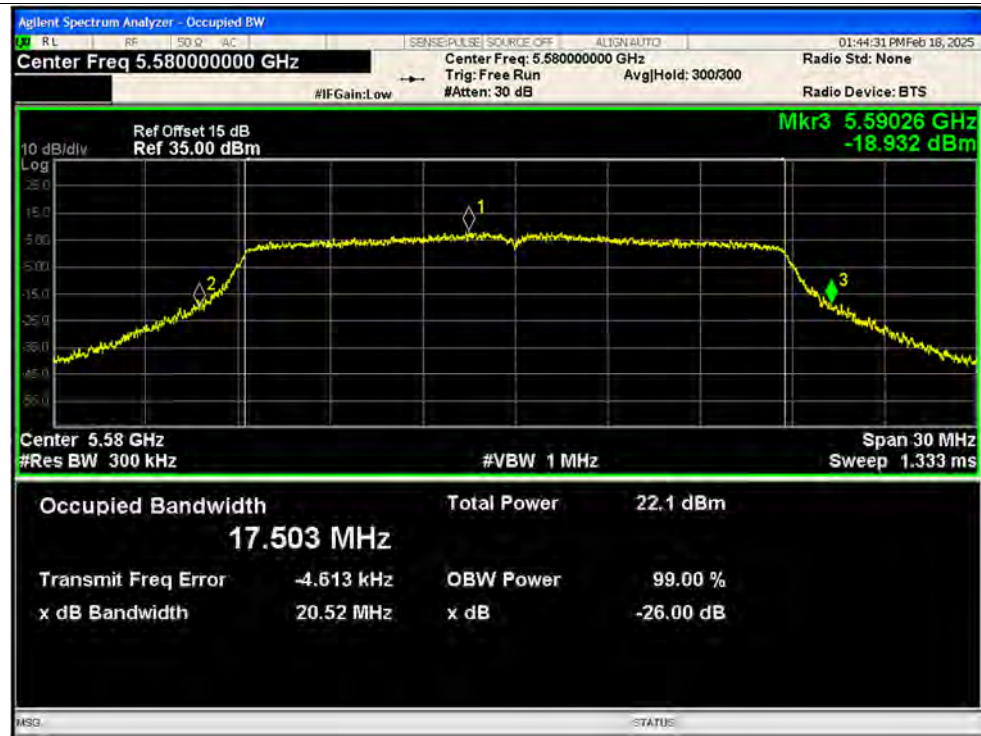
-26dB Bandwidth NVNT n20 5500MHz Ant1 MIMO



-26dB Bandwidth NVNT n20 5500MHz Ant2 MIMO



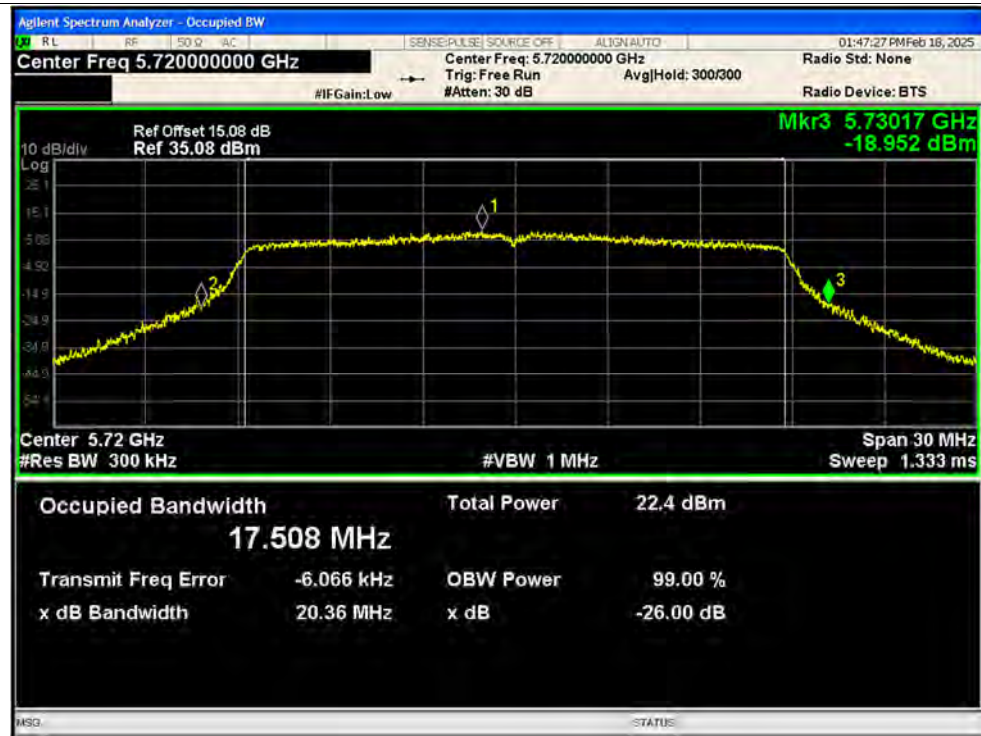
-26dB Bandwidth NVNT n20 5580MHz Ant1 MIMO



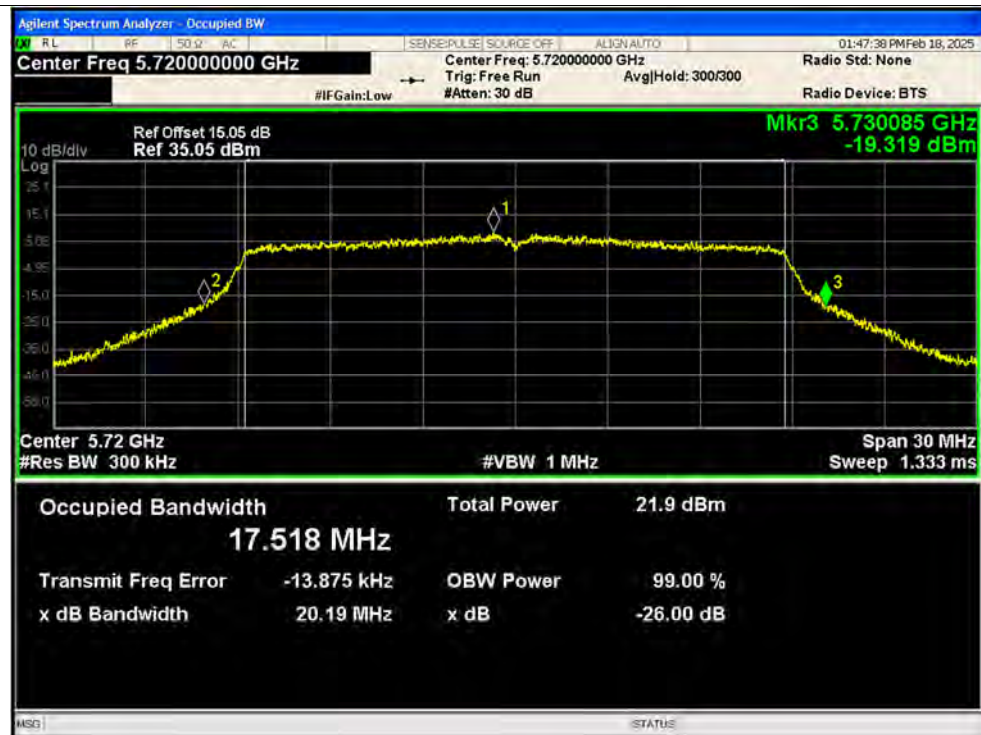
-26dB Bandwidth NVNT n20 5580MHz Ant2 MIMO



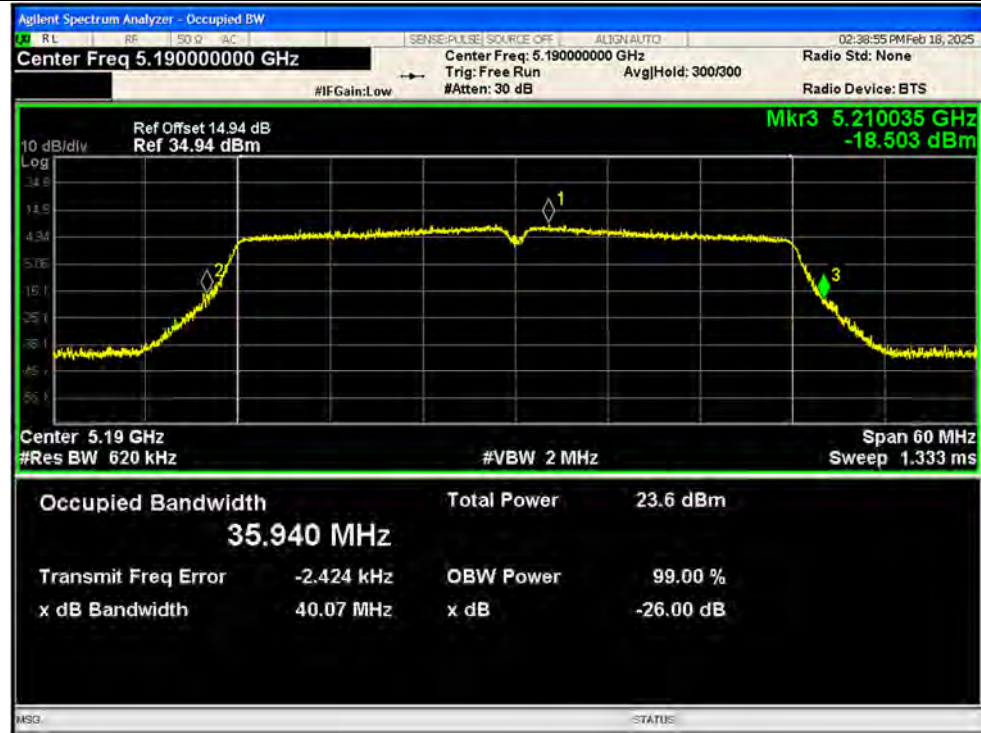
-26dB Bandwidth NVNT n20 5720MHz Ant1 MIMO



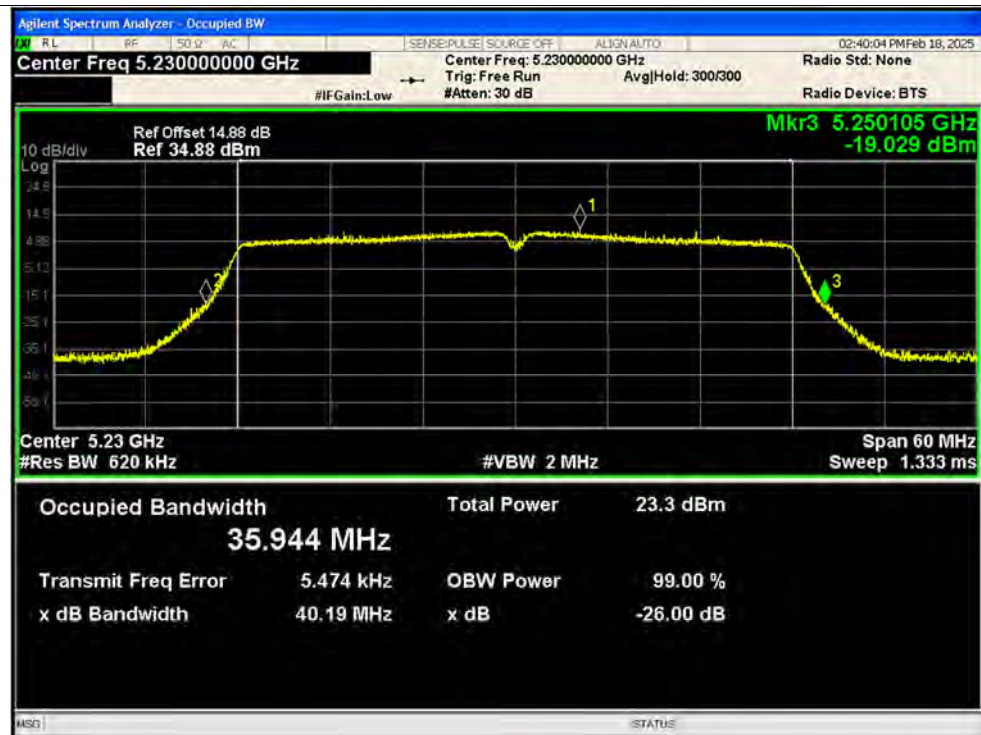
-26dB Bandwidth NVNT n20 5720MHz Ant2 MIMO



-26dB Bandwidth NVNT n40 5190MHz Ant1 SISO



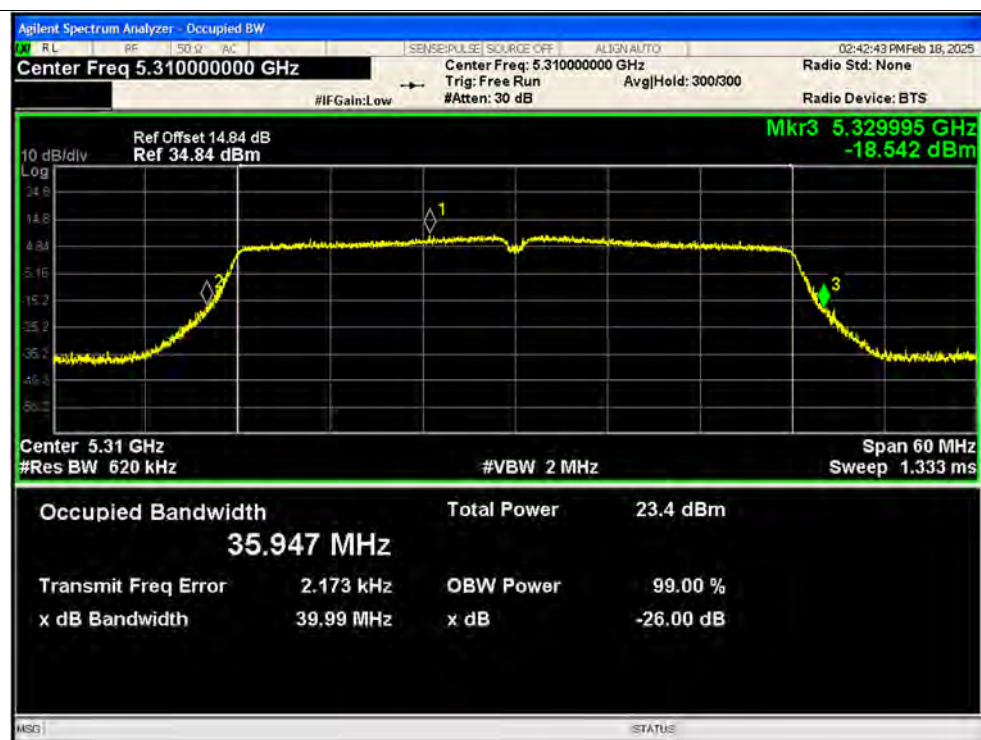
-26dB Bandwidth NVNT n40 5230MHz Ant1 SISO



-26dB Bandwidth NVNT n40 5270MHz Ant1 SISO

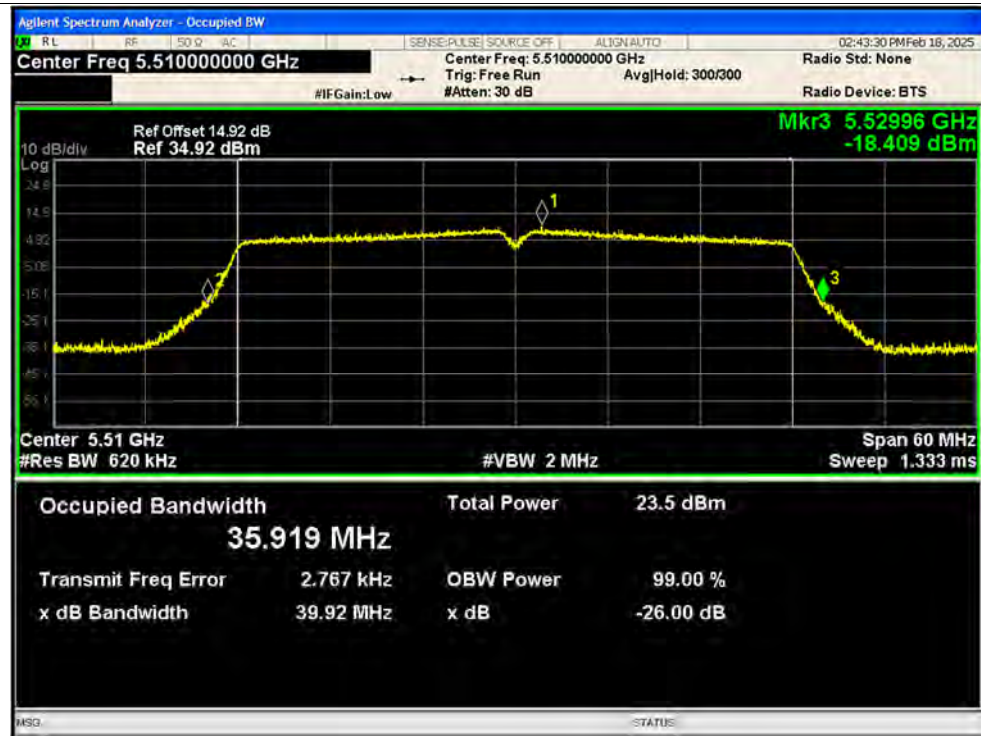


-26dB Bandwidth NVNT n40 5310MHz Ant1 SISO

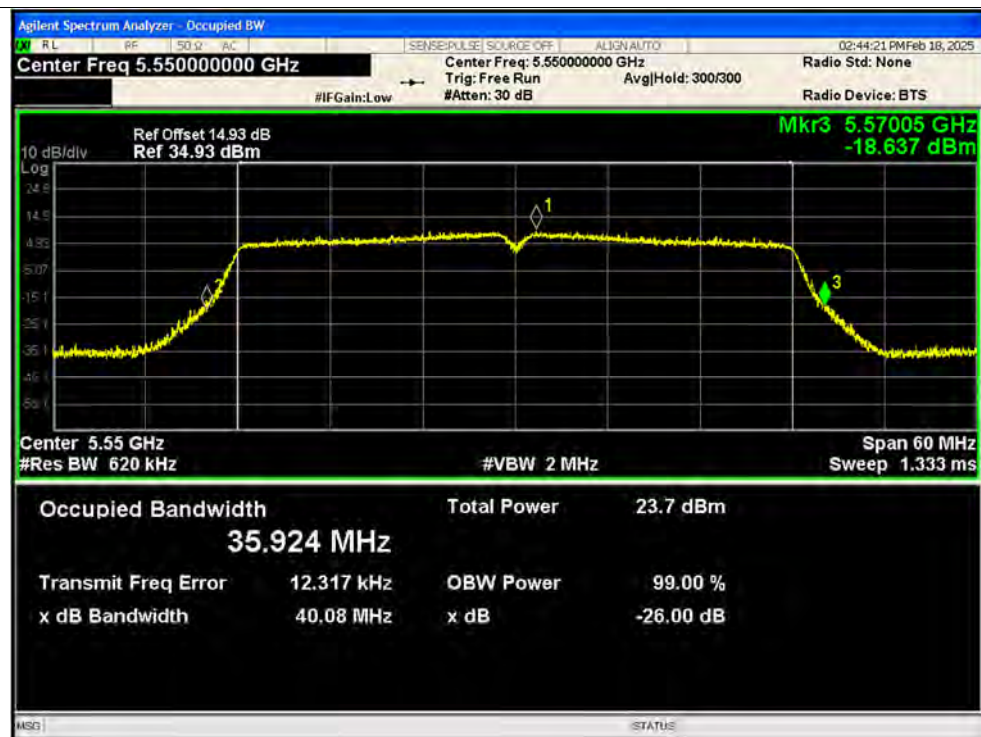




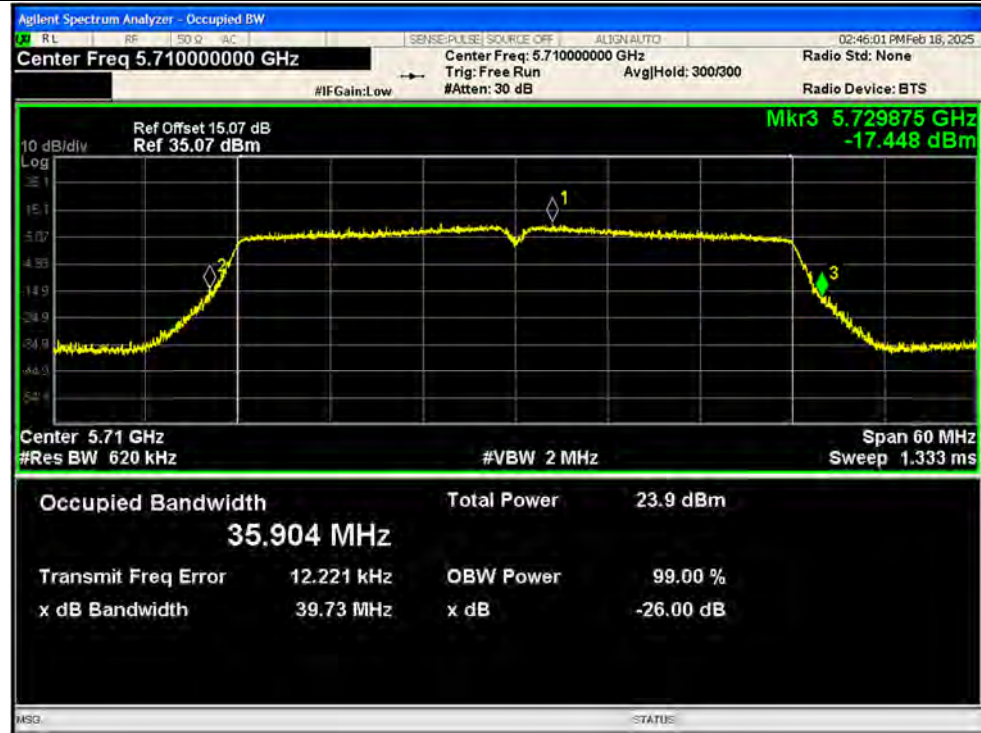
-26dB Bandwidth NVNT n40 5510MHz Ant1 SISO



-26dB Bandwidth NVNT n40 5550MHz Ant1 SISO



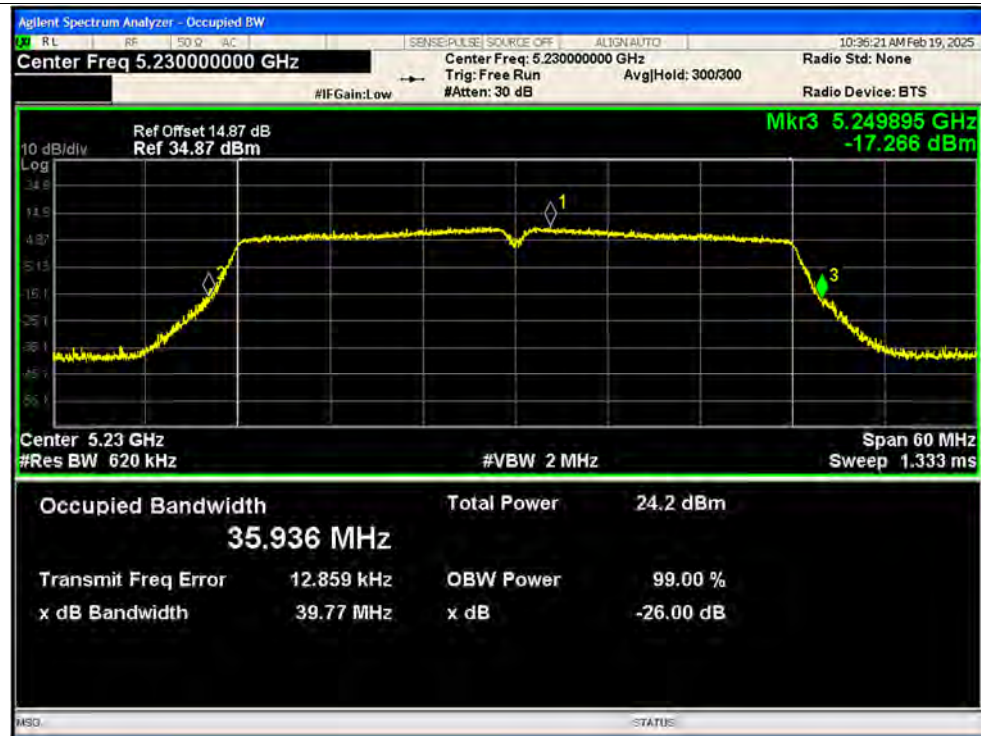
-26dB Bandwidth NVNT n40 5710MHz Ant1 SISO



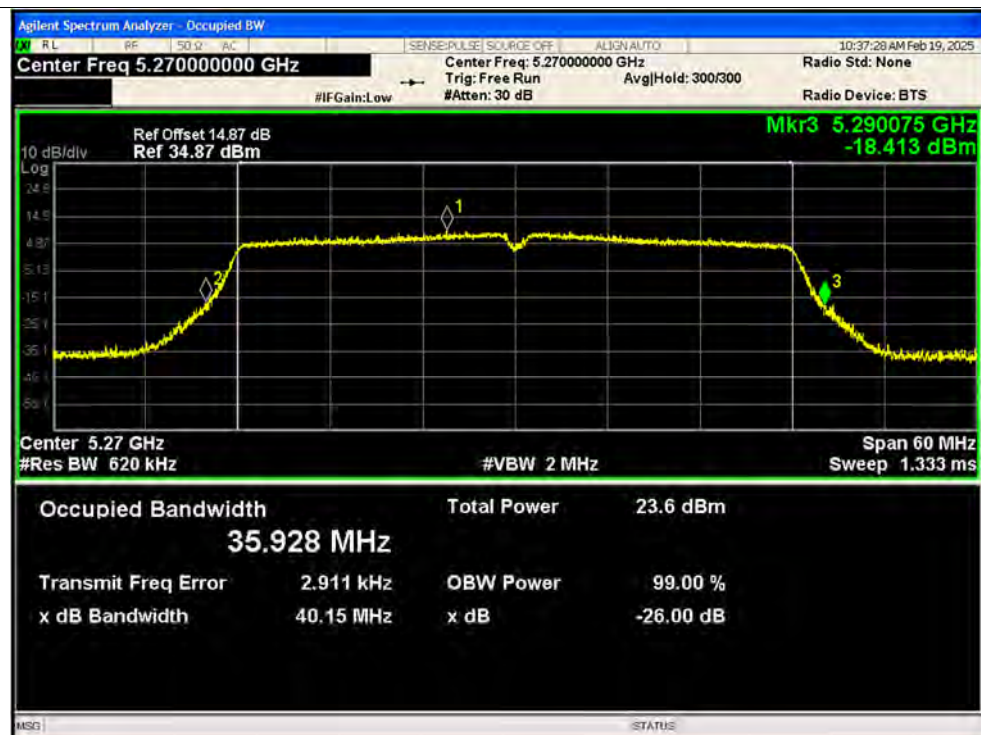
-26dB Bandwidth NVNT n40 5190MHz Ant2 SISO



-26dB Bandwidth NVNT n40 5230MHz Ant2 SISO

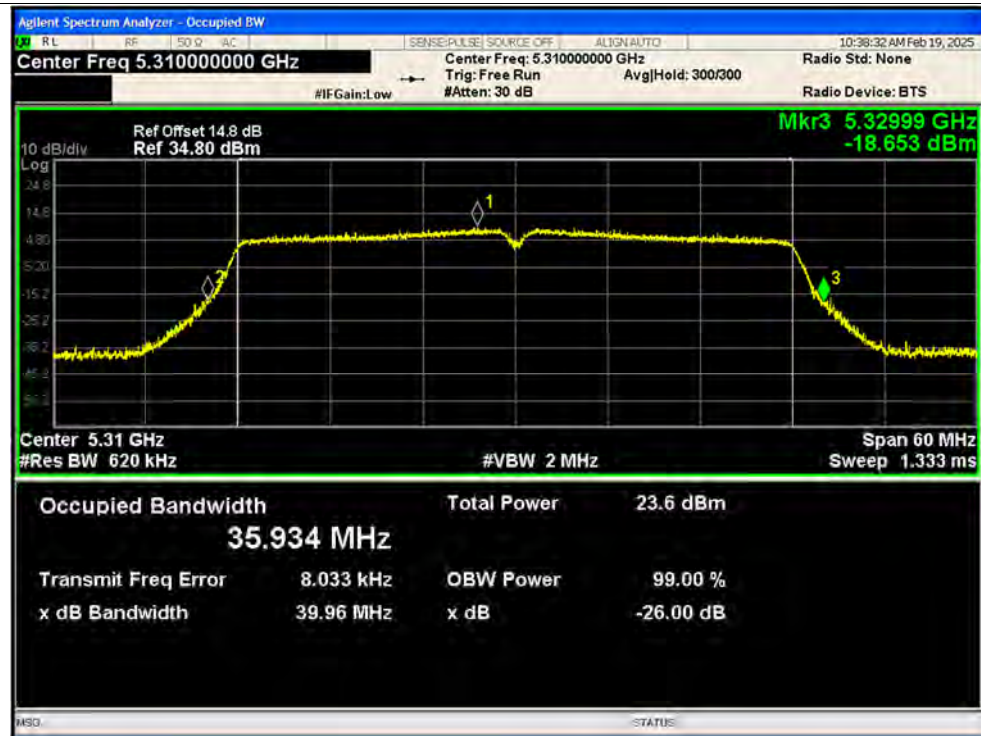


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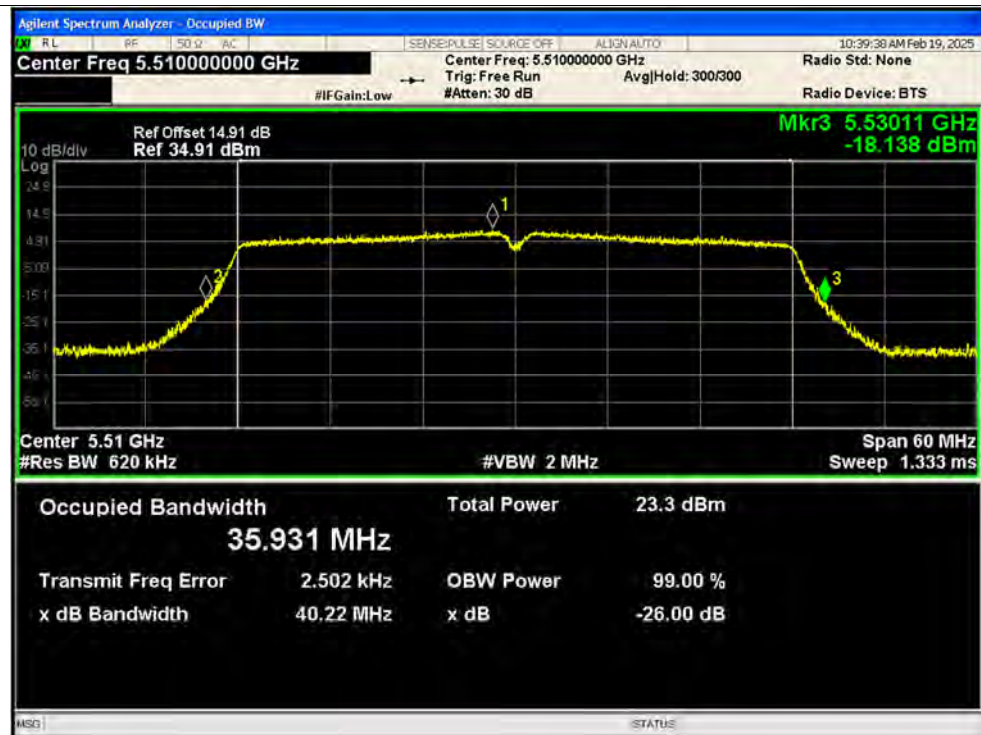




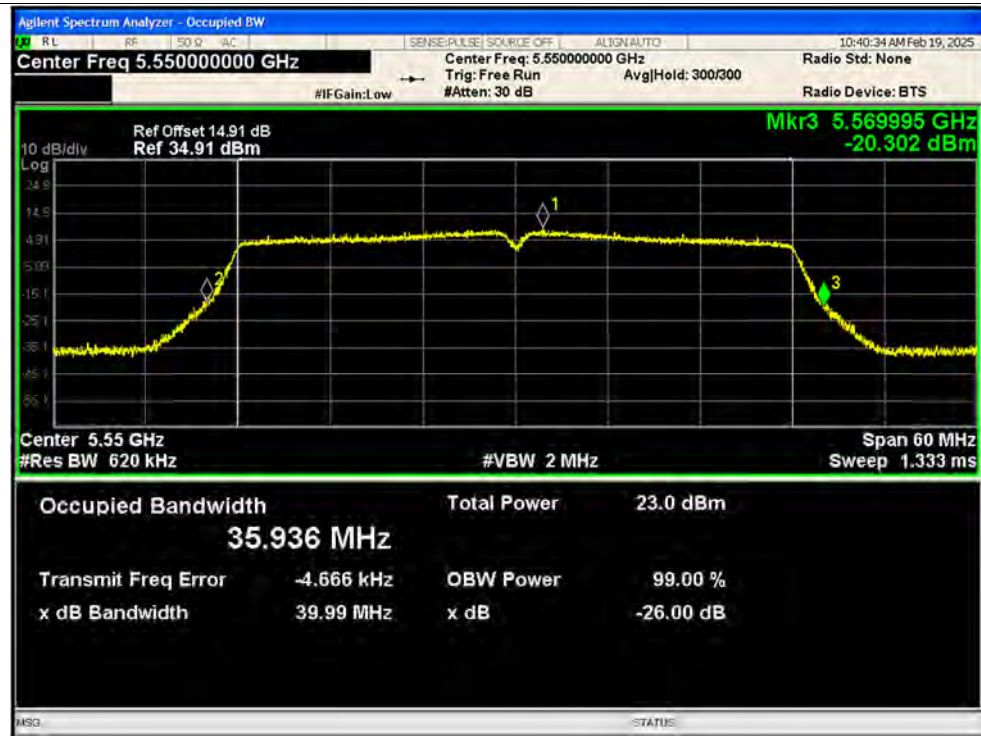
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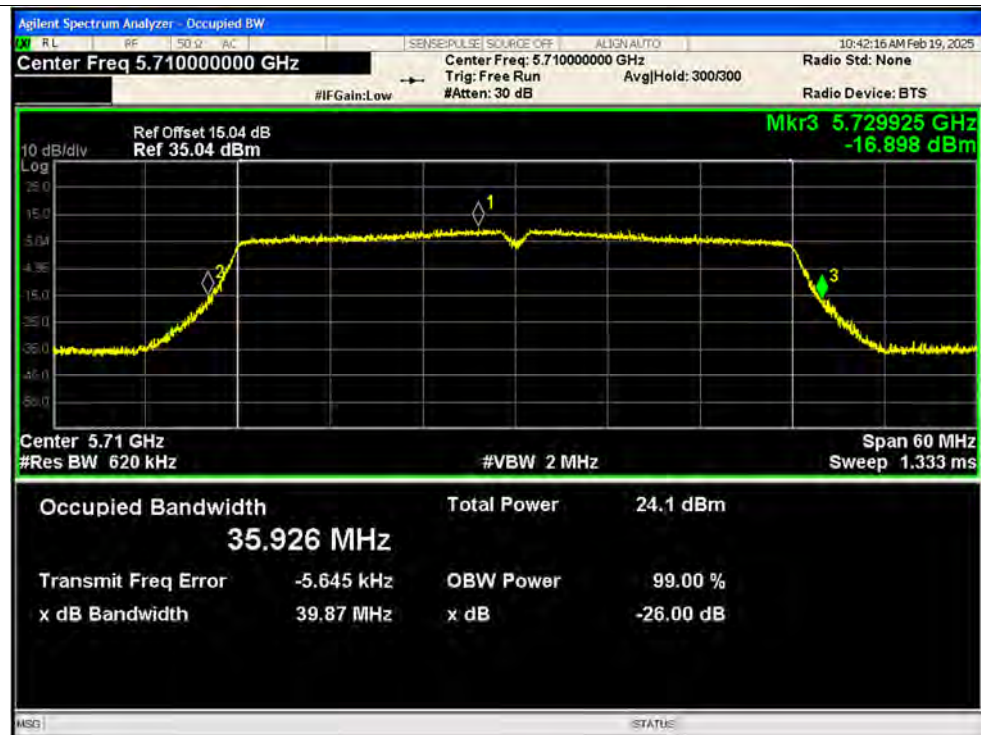
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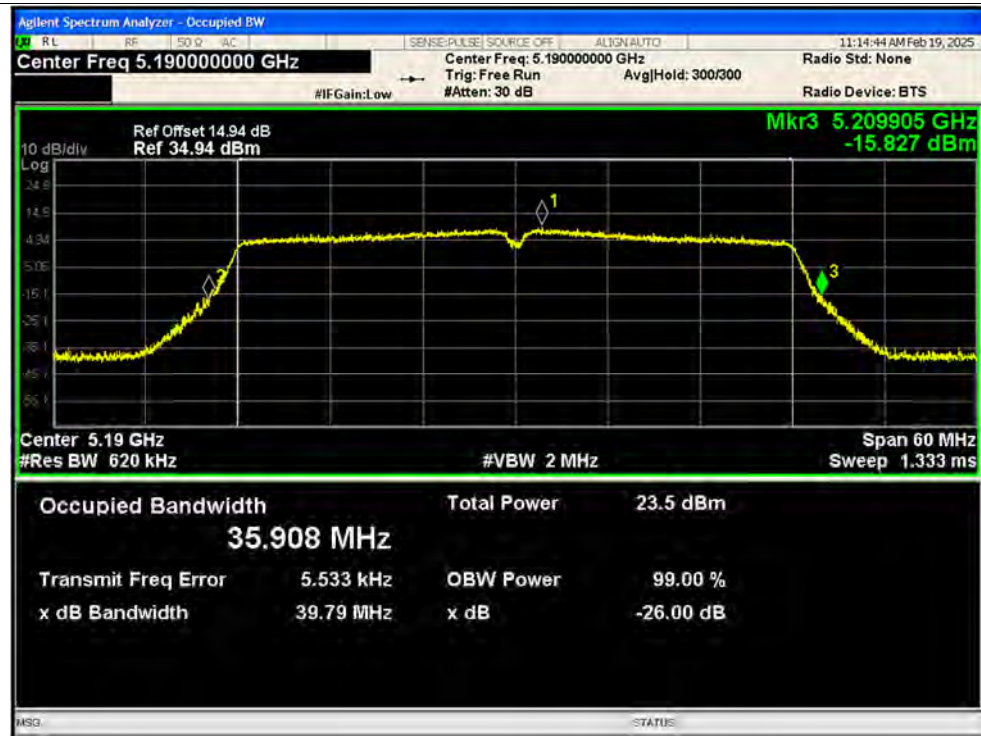
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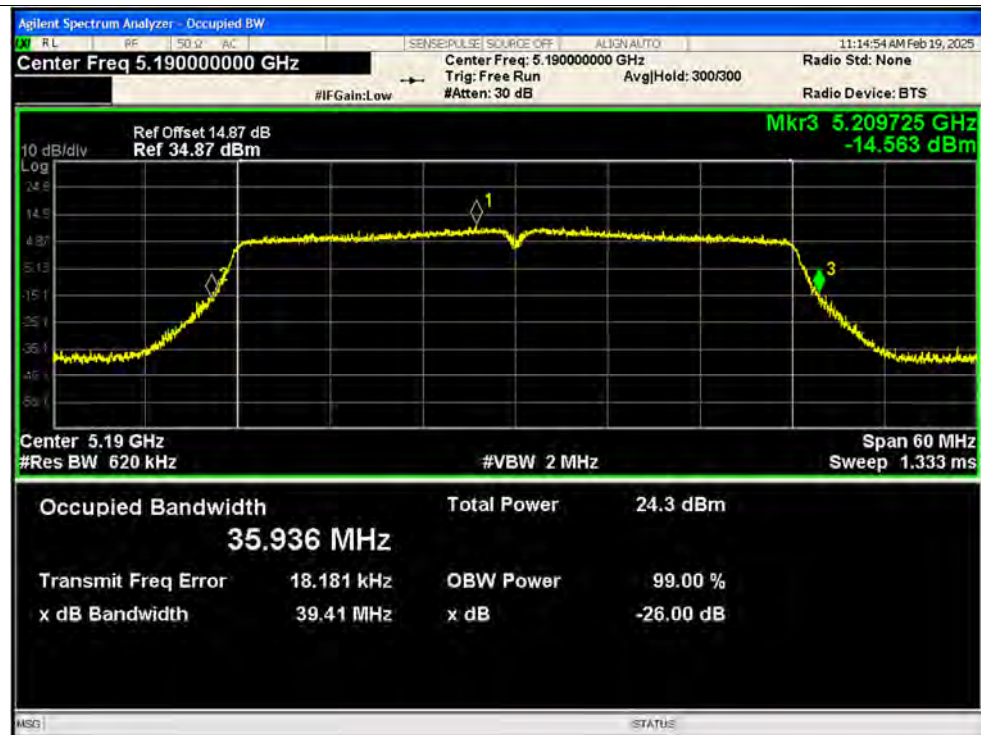
-26dB Bandwidth NVNT n40 5710MHz Ant2 SISO



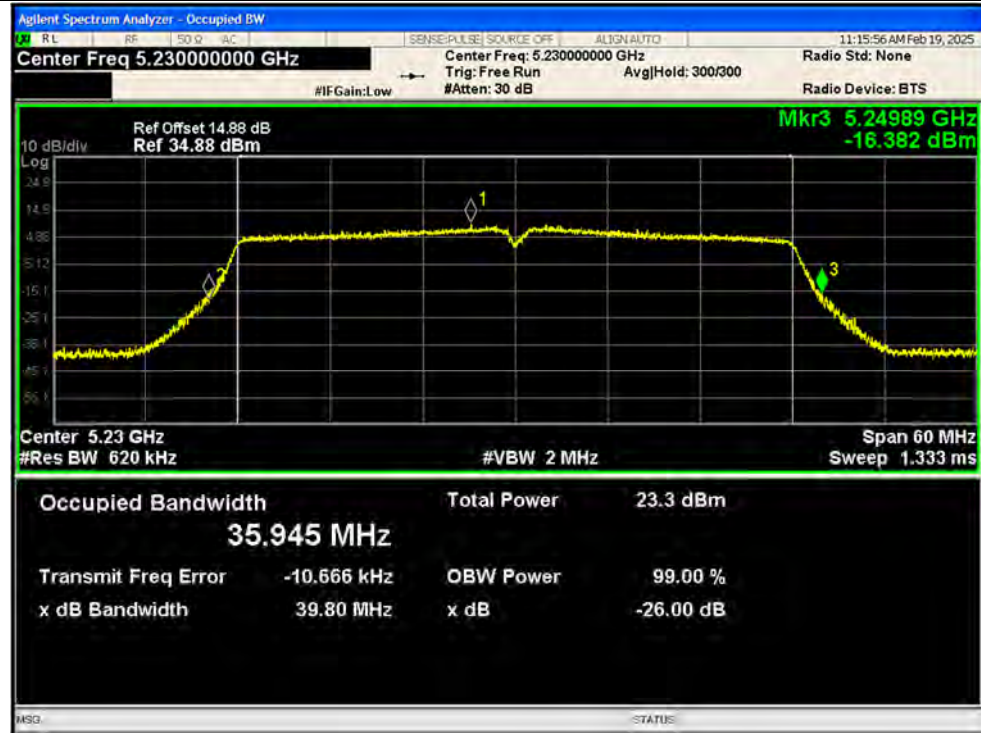
-26dB Bandwidth NVNT n40 5190MHz Ant1 MIMO



-26dB Bandwidth NVNT n40 5190MHz Ant2 MIMO



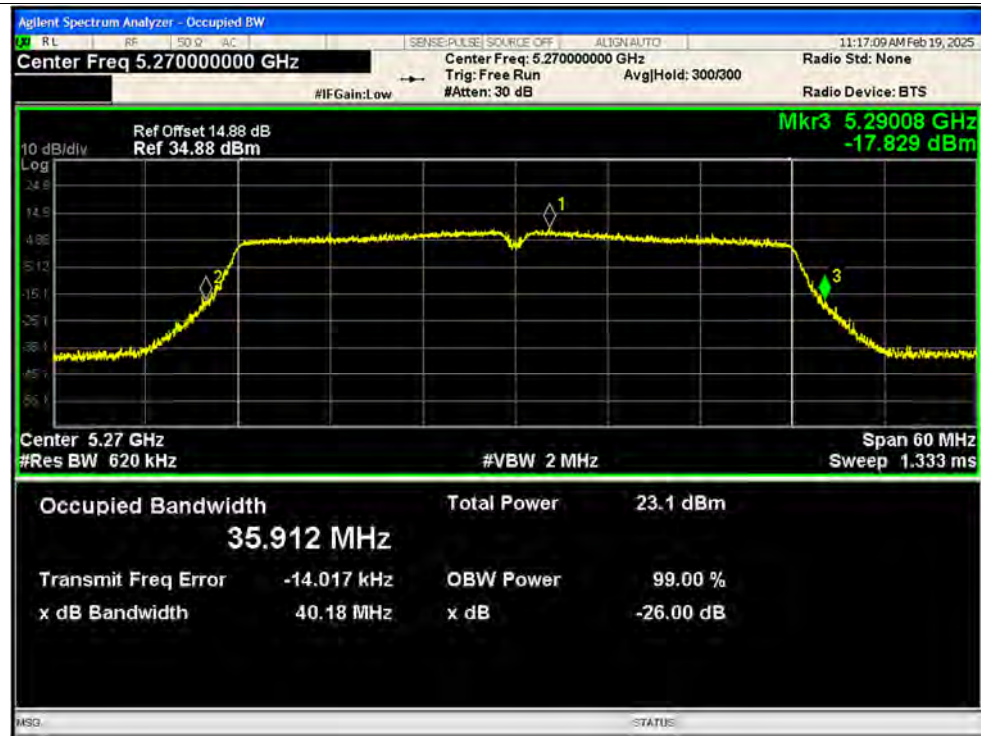
-26dB Bandwidth NVNT n40 5230MHz Ant1 MIMO



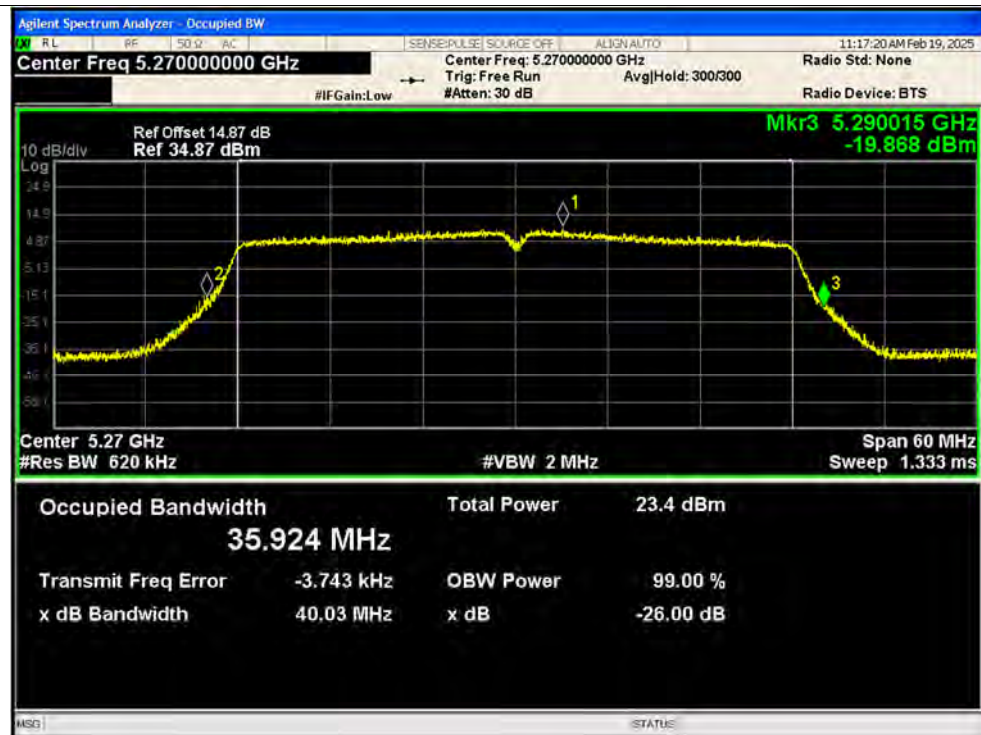
-26dB Bandwidth NVNT n40 5230MHz Ant2 MIMO



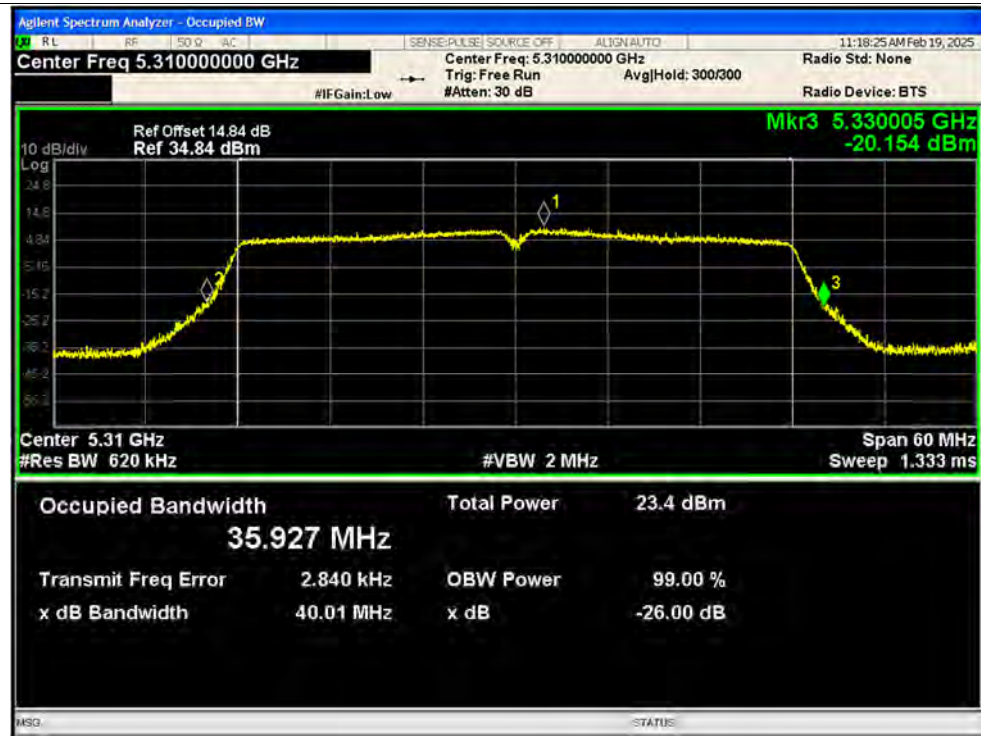
-26dB Bandwidth NVNT n40 5270MHz Ant1 MIMO



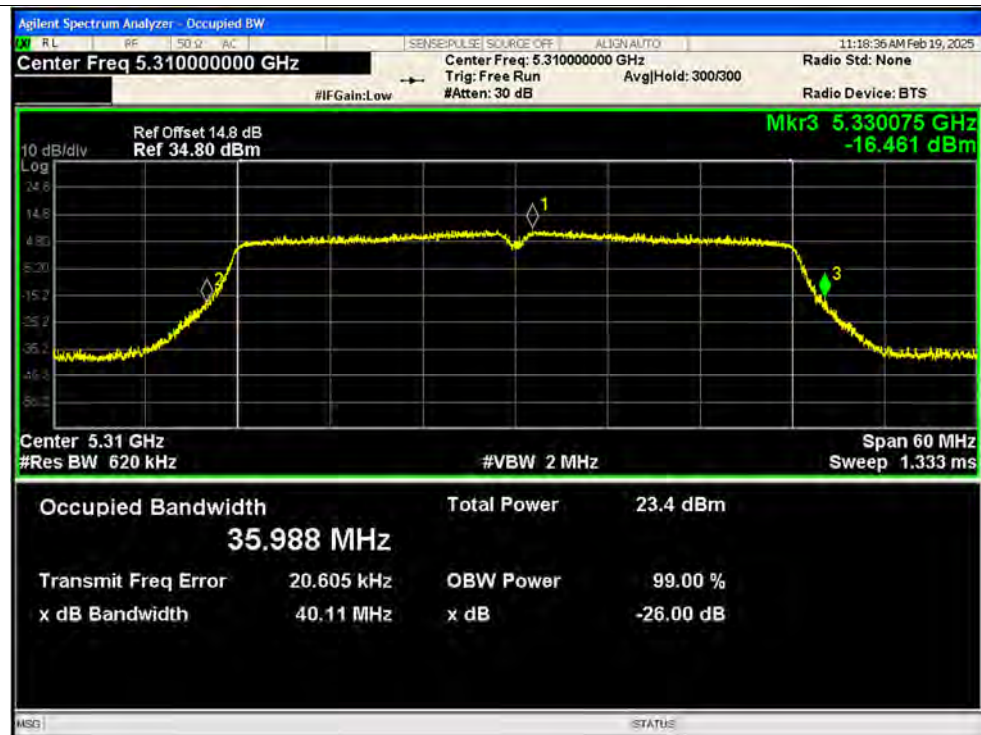
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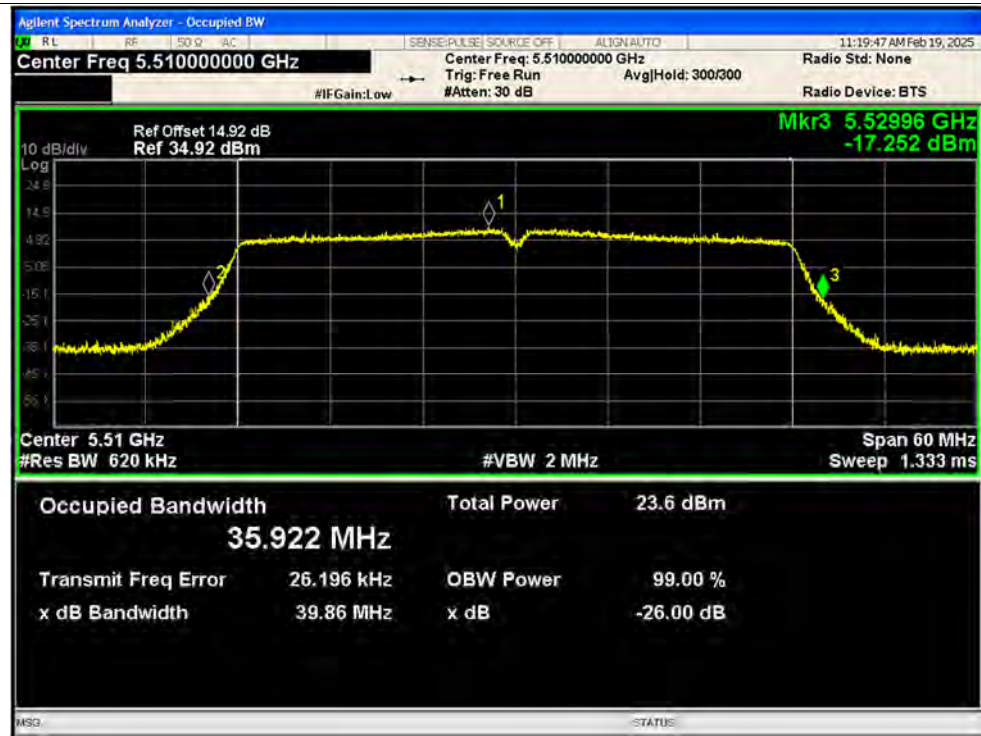
-26dB Bandwidth NVNT n40 5310MHz Ant1 MIMO



-26dB Bandwidth NVNT n40 5310MHz Ant2 MIMO



-26dB Bandwidth NVNT n40 5510MHz Ant1 MIMO



-26dB Bandwidth NVNT n40 5510MHz Ant2 MIMO



-26dB Bandwidth NVNT n40 5550MHz Ant1 MIMO

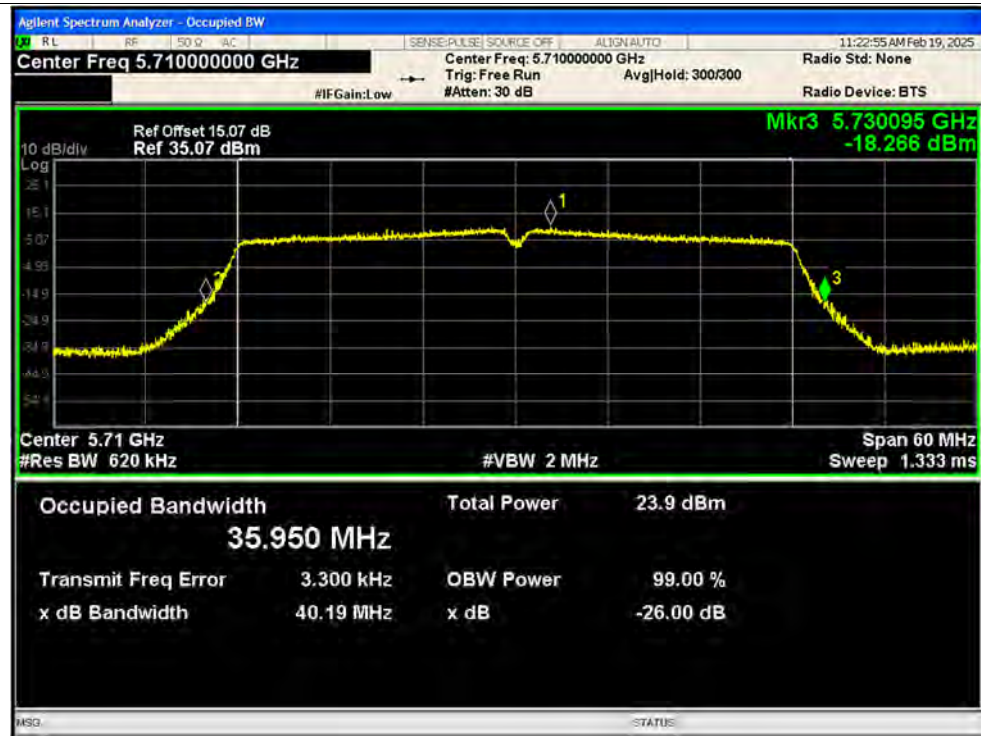


-26dB Bandwidth NVNT n40 5550MHz Ant2 MIMO

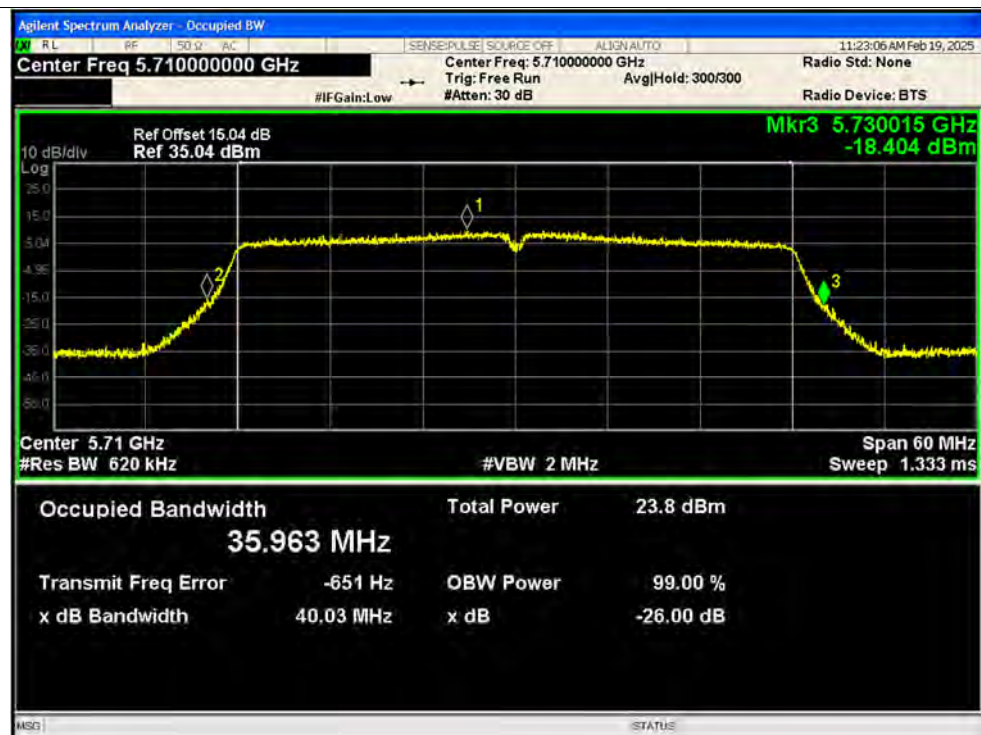




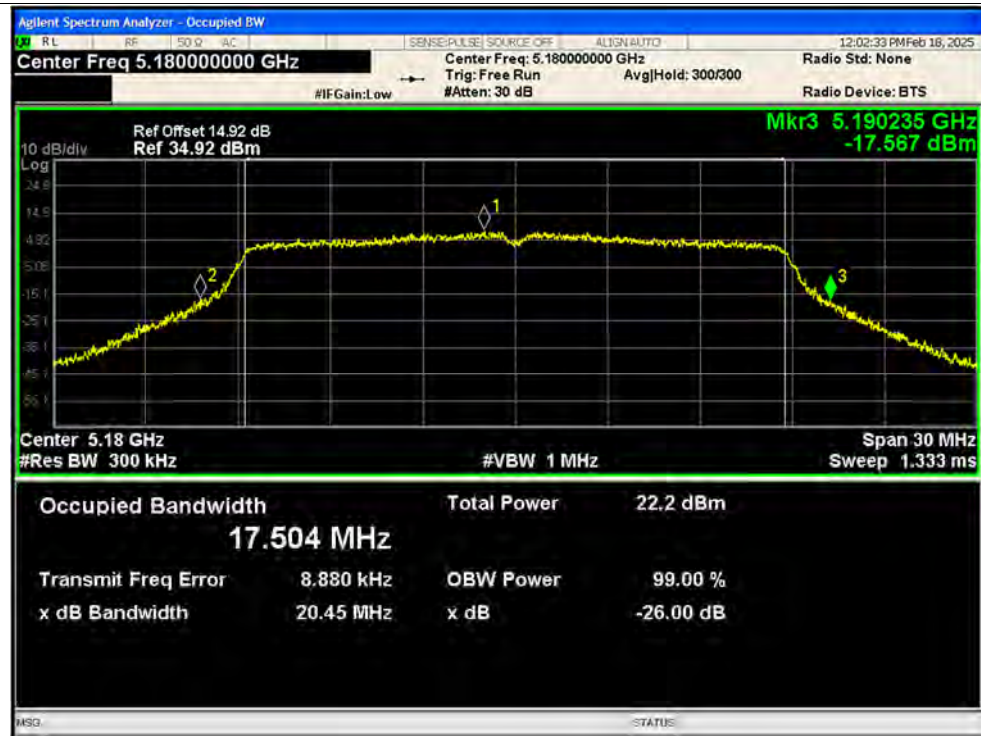
-26dB Bandwidth NVNT n40 5710MHz Ant1 MIMO



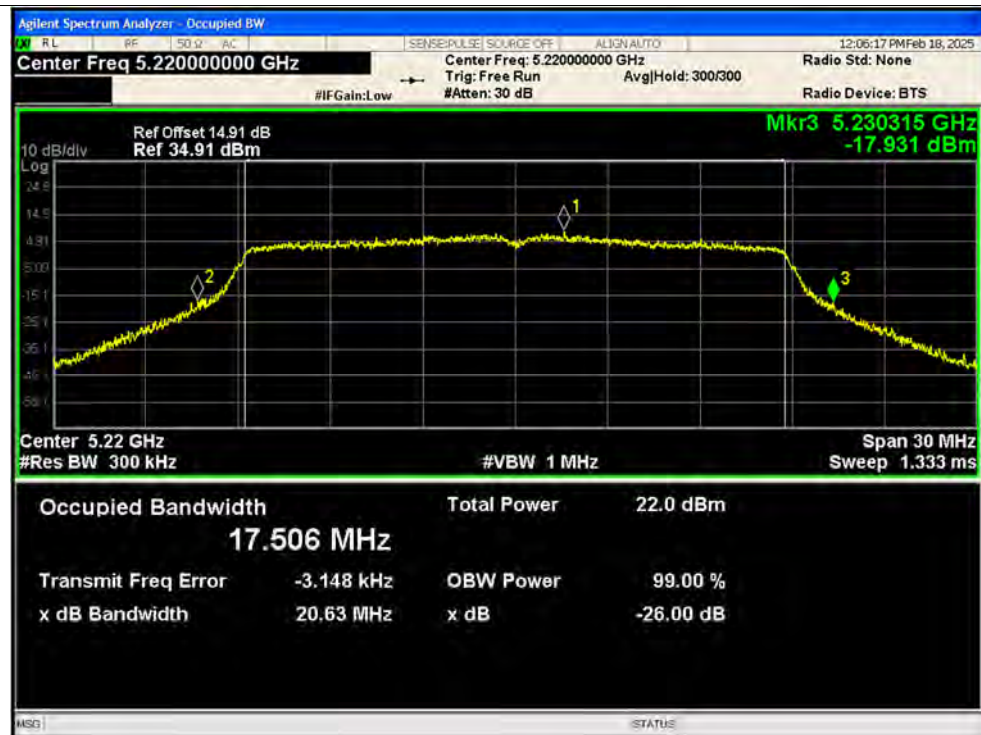
-26dB Bandwidth NVNT n40 5710MHz Ant2 MIMO



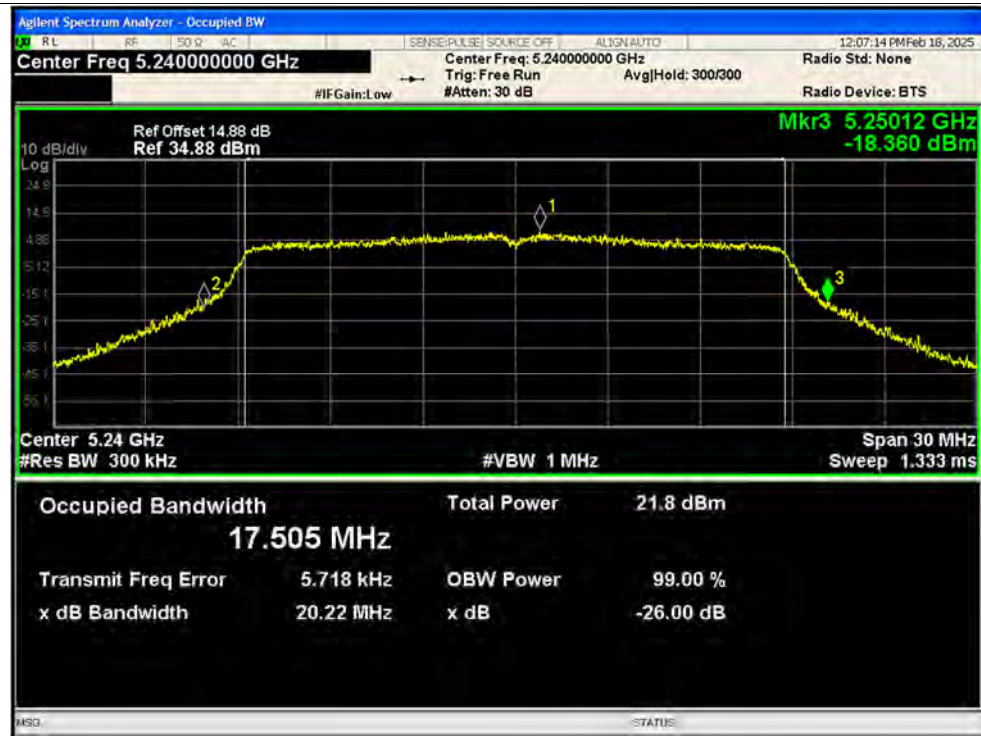
-26dB Bandwidth NVNT ac20 5180MHz Ant1 SISO



-26dB Bandwidth NVNT ac20 5220MHz Ant1 SISO



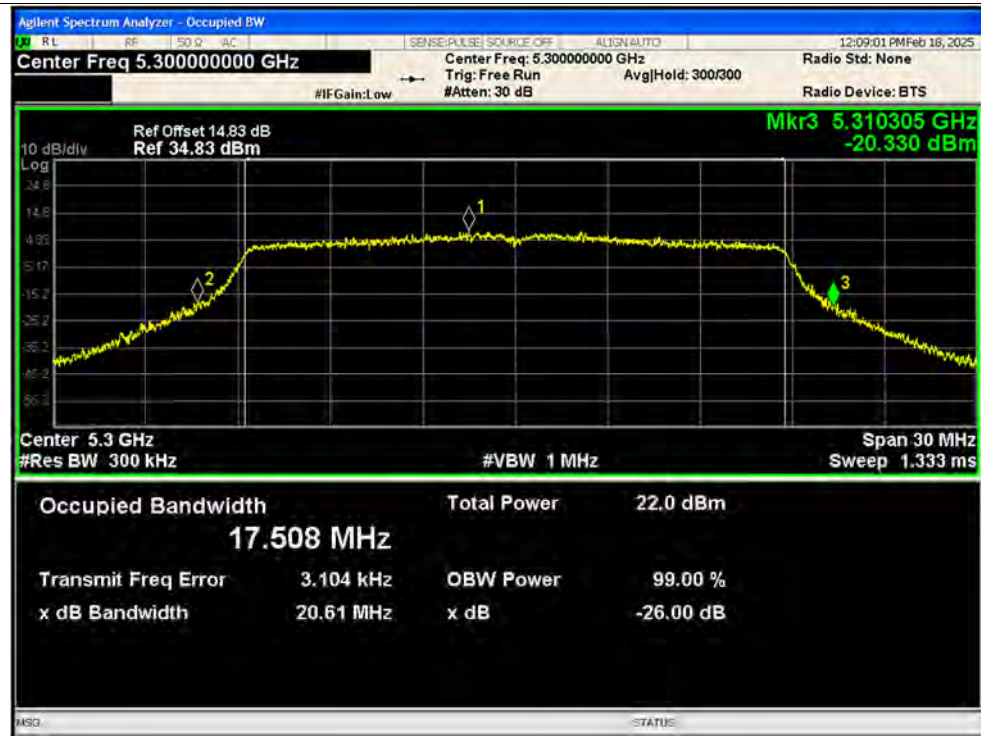
-26dB Bandwidth NVNT ac20 5240MHz Ant1 SISO



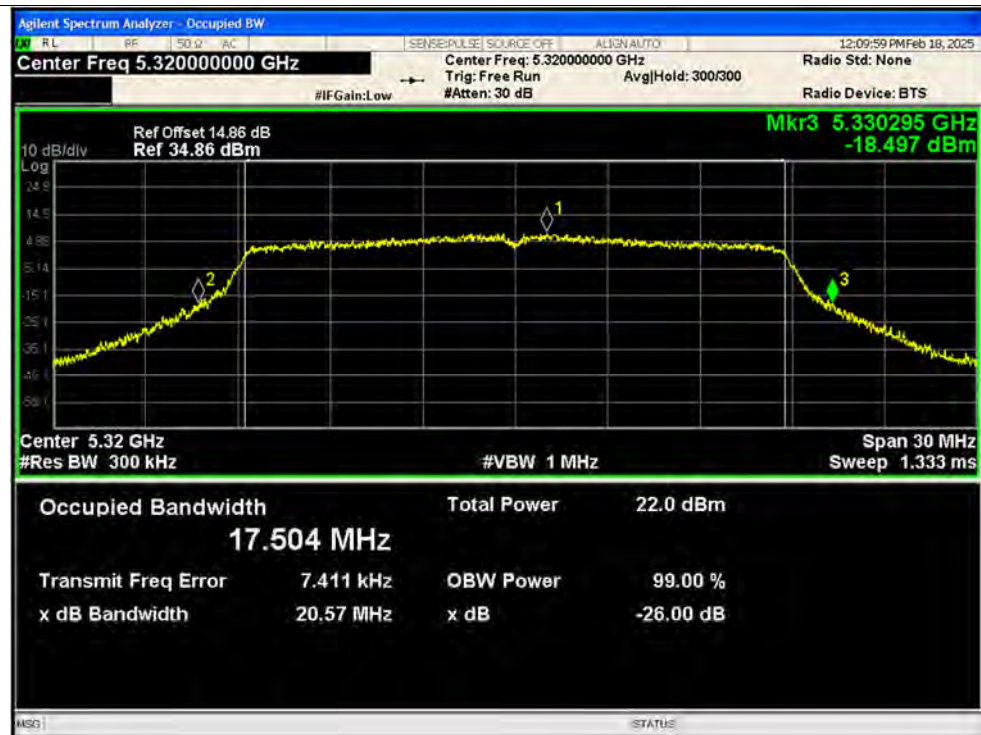
-26dB Bandwidth NVNT ac20 5260MHz Ant1 SISO



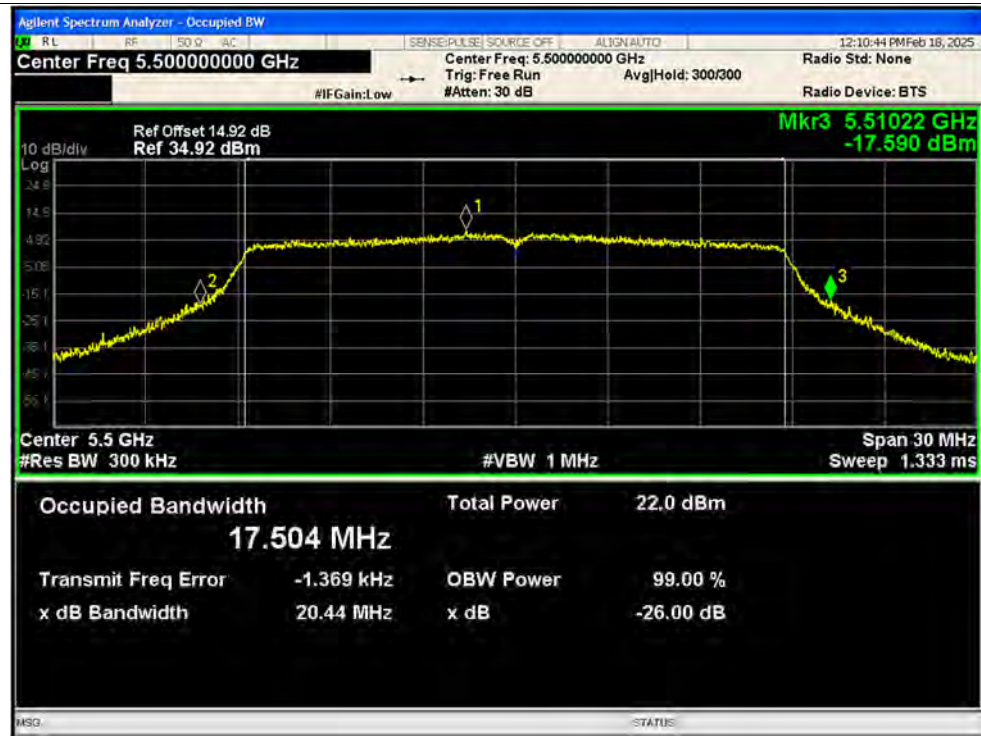
-26dB Bandwidth NVNT ac20 5300MHz Ant1 SISO



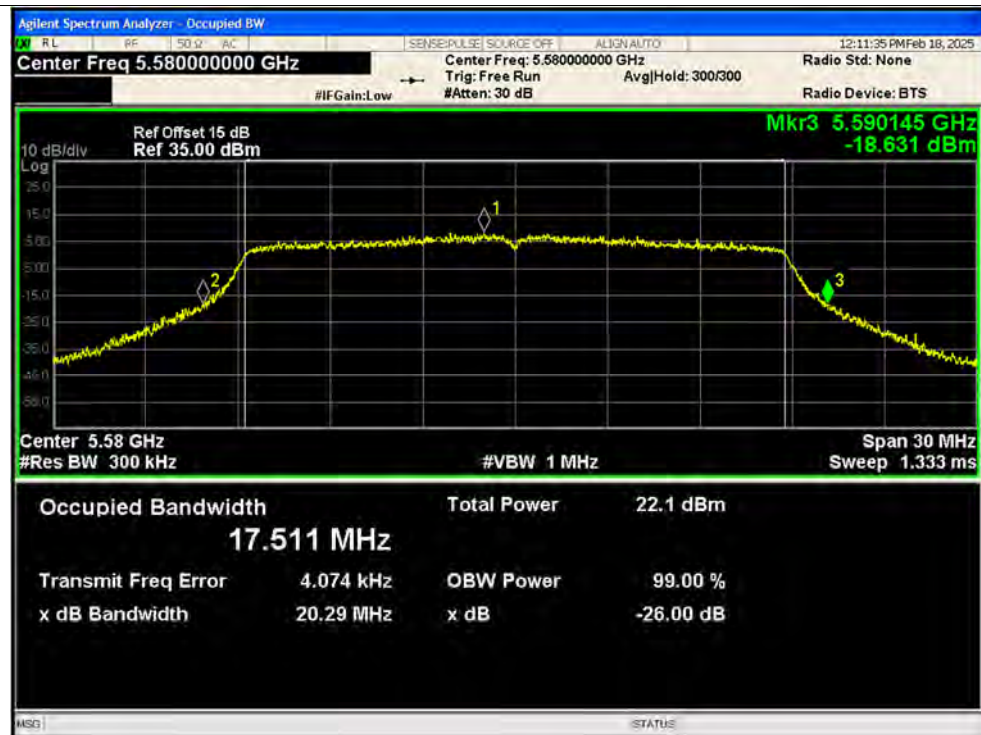
-26dB Bandwidth NVNT ac20 5320MHz Ant1 SISO



-26dB Bandwidth NVNT ac20 5500MHz Ant1 SISO

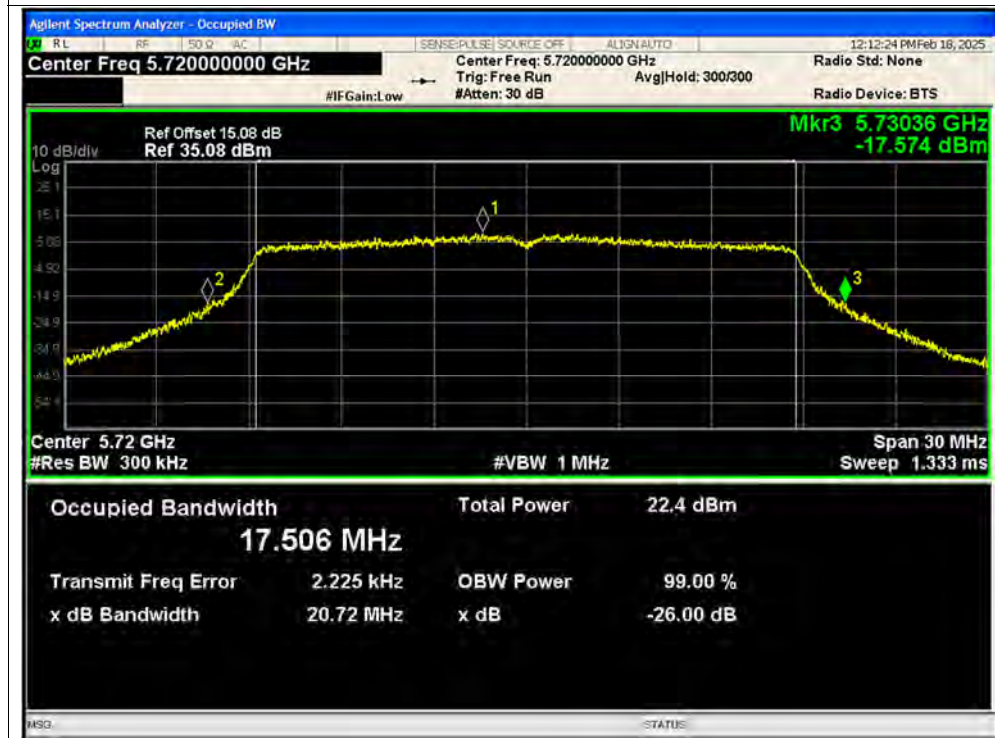


-26dB Bandwidth NVNT ac20 5580MHz Ant1 SISO





-26dB Bandwidth NVNT ac20 5720MHz Ant1 SISO

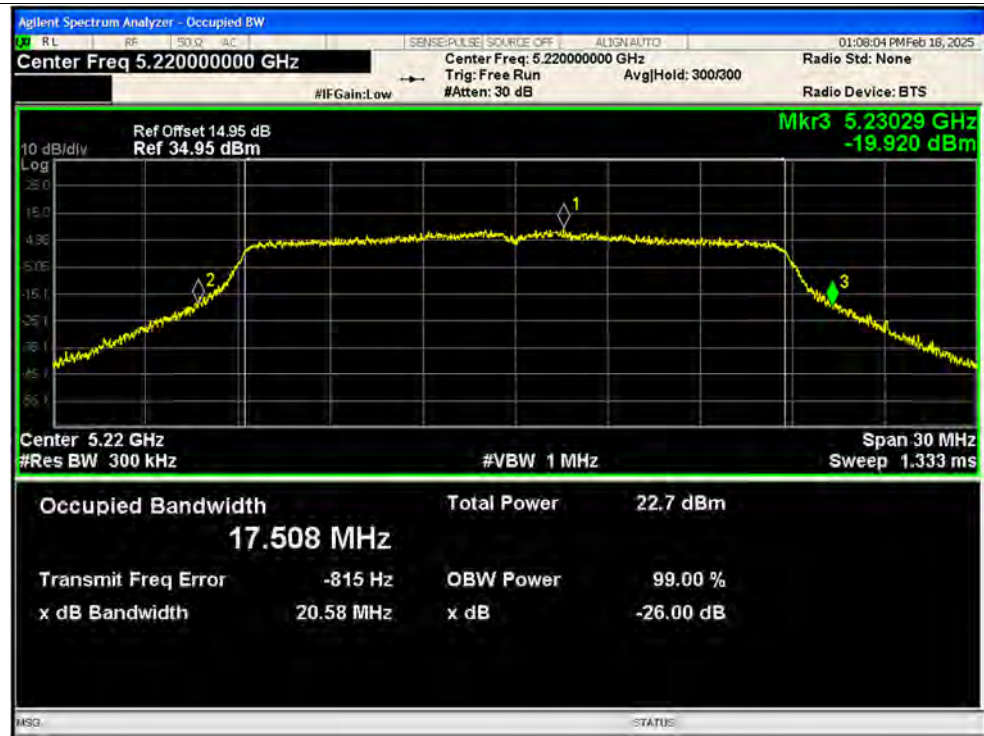


-26dB Bandwidth NVNT ac20 5180MHz Ant2 SISO





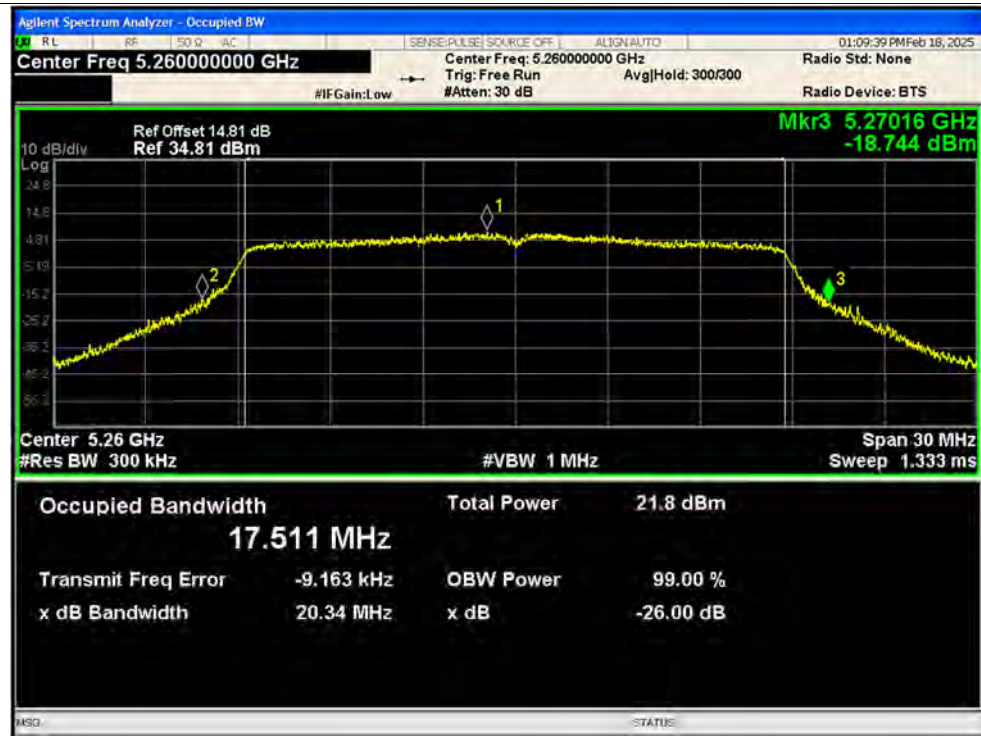
-26dB Bandwidth NVNT ac20 5220MHz Ant2 SISO



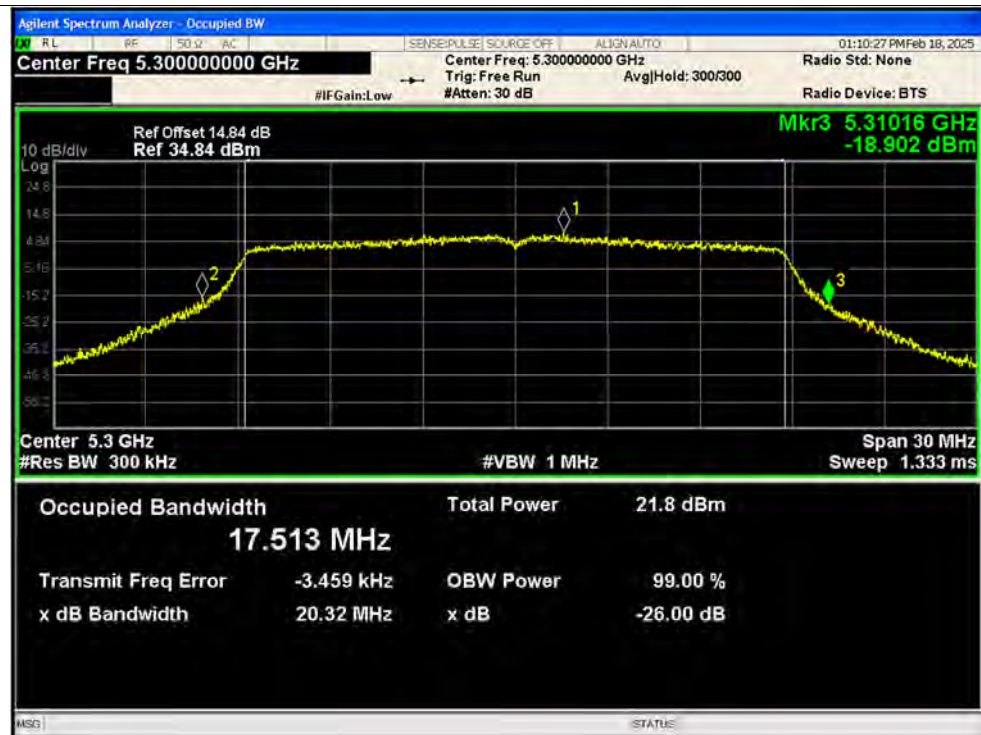
-26dB Bandwidth NVNT ac20 5240MHz Ant2 SISO



-26dB Bandwidth NVNT ac20 5260MHz Ant2 SISO



-26dB Bandwidth NVNT ac20 5300MHz Ant2 SISO



-26dB Bandwidth NVNT ac20 5320MHz Ant2 SISO



-26dB Bandwidth NVNT ac20 5500MHz Ant2 SISO





-26dB Bandwidth NVNT ac20 5580MHz Ant2 SISO

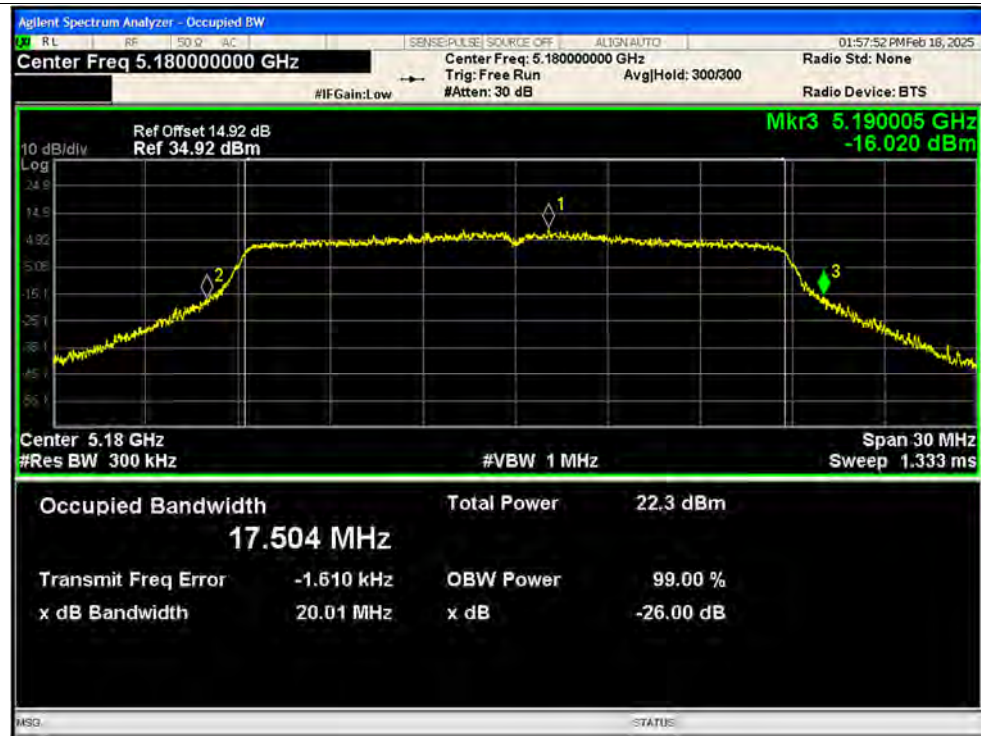


-26dB Bandwidth NVNT ac20 5720MHz Ant2 SISO





-26dB Bandwidth NVNT ac20 5180MHz Ant1 MIMO



-26dB Bandwidth NVNT ac20 5180MHz Ant2 MIMO



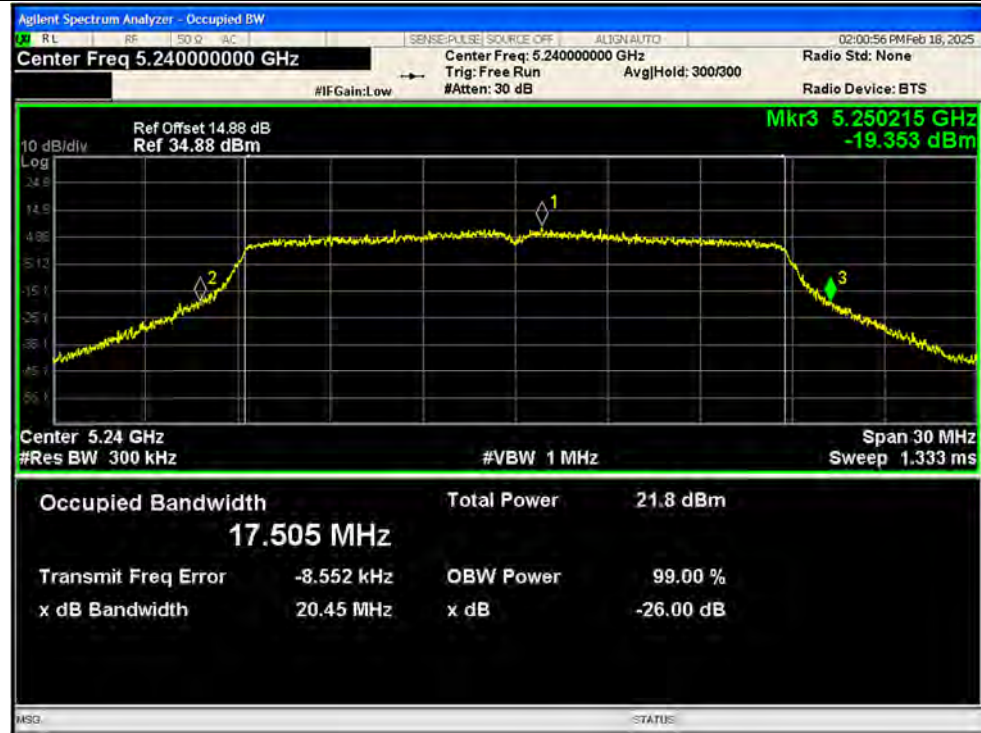
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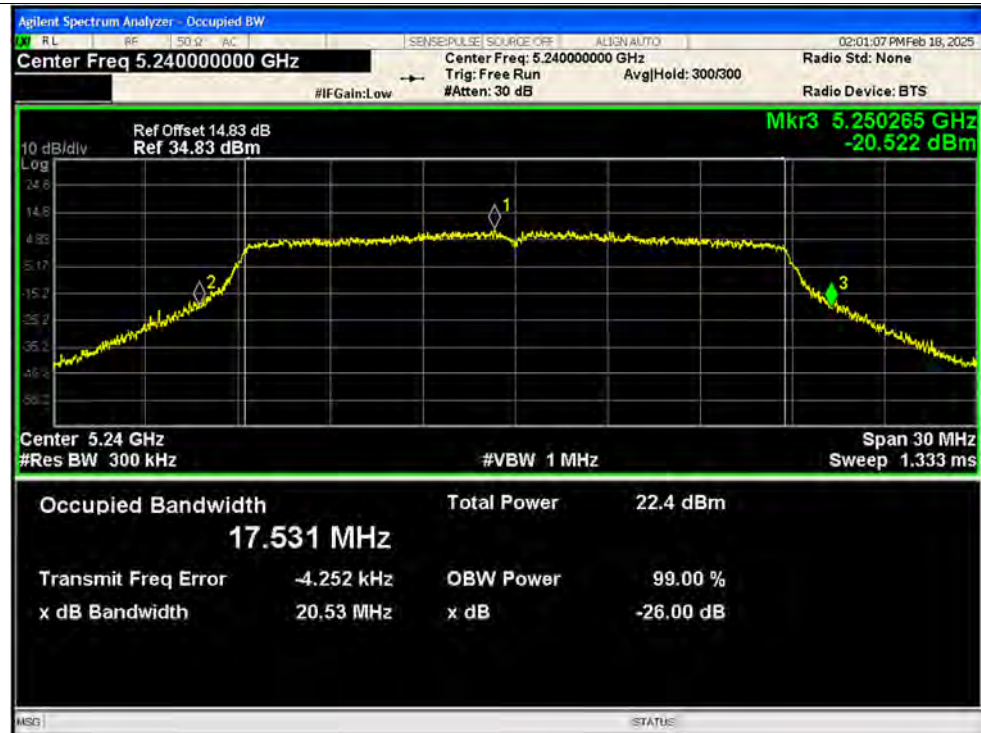
-26dB Bandwidth NVNT ac20 5220MHz Ant2 MIMO



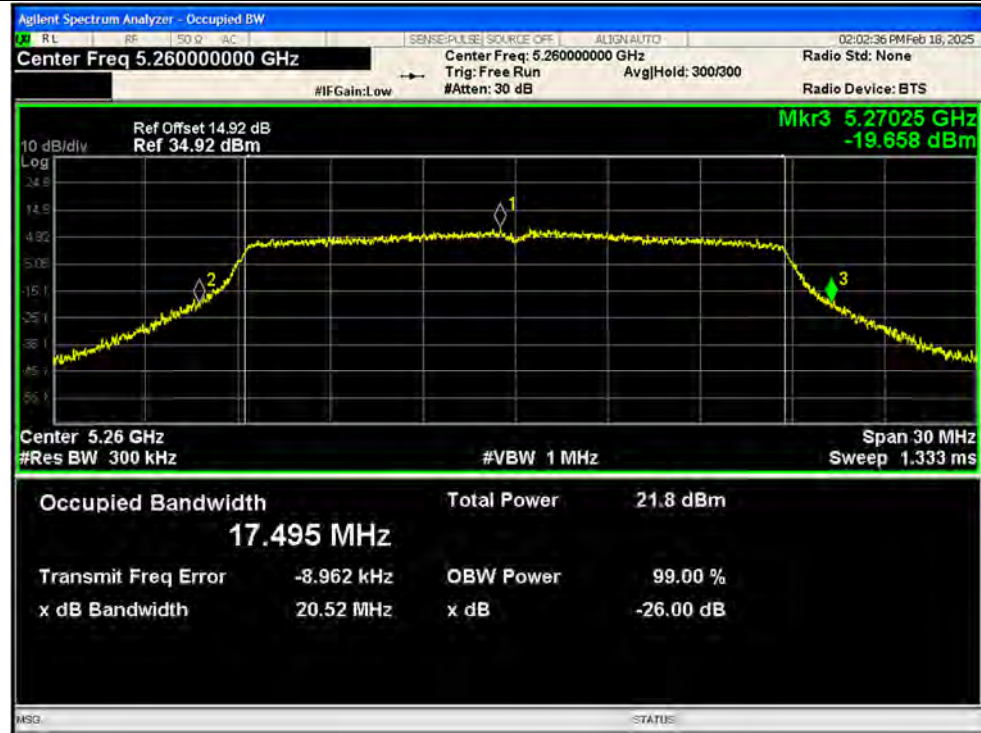
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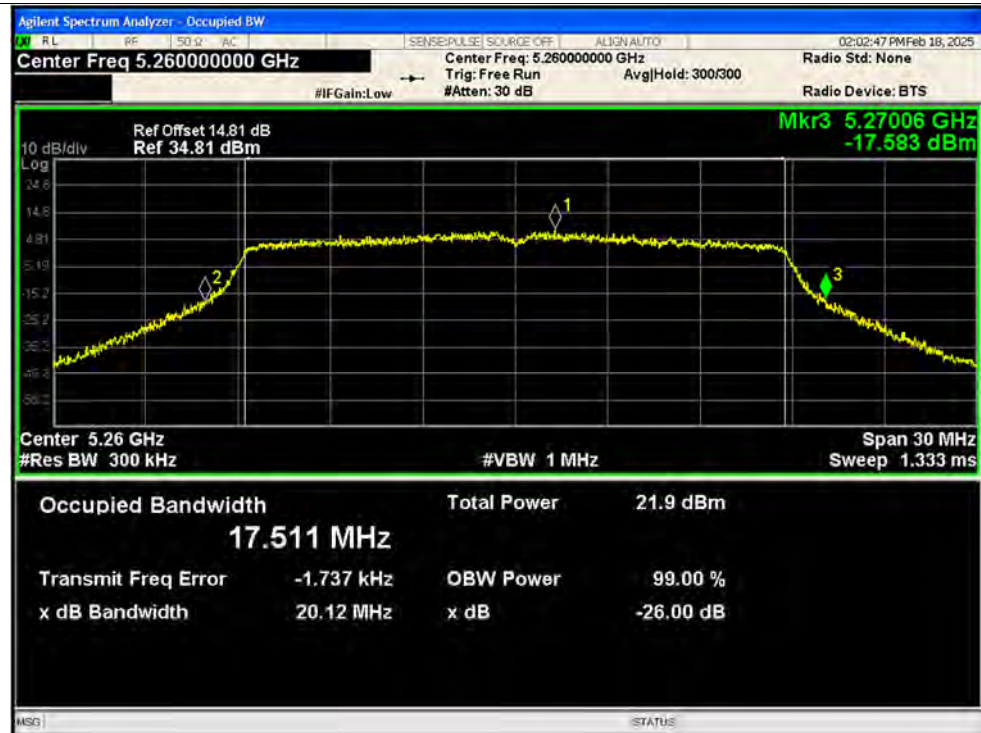
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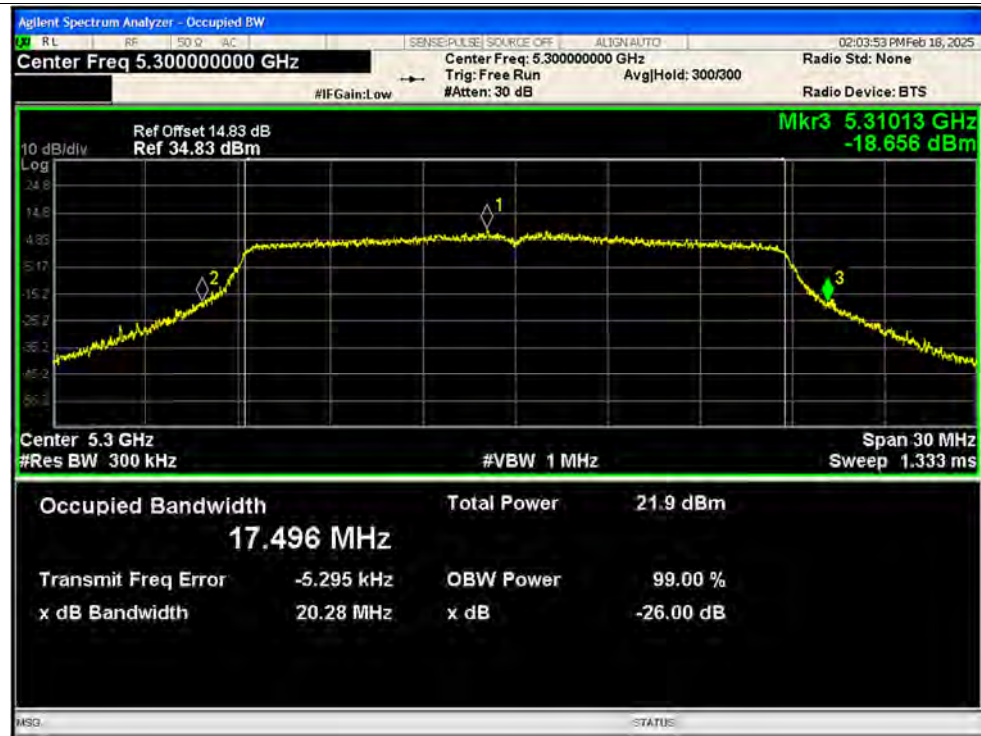
-26dB Bandwidth NVNT ac20 5260MHz Ant1 MIMO



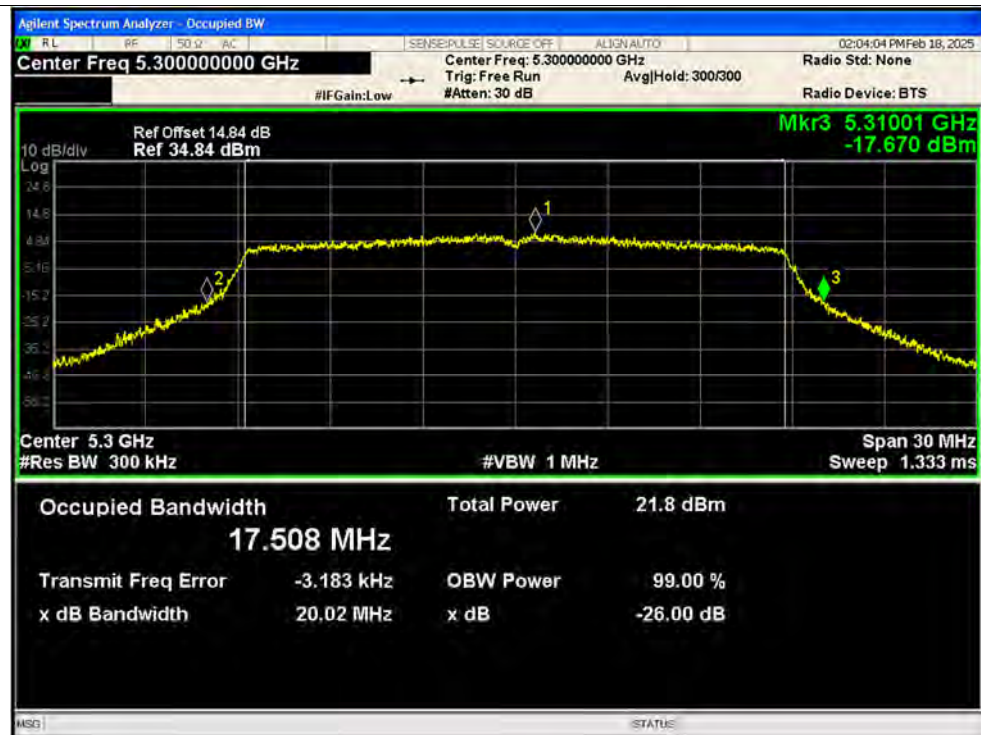
-26dB Bandwidth NVNT ac20 5260MHz Ant2 MIMO



-26dB Bandwidth NVNT ac20 5300MHz Ant1 MIMO

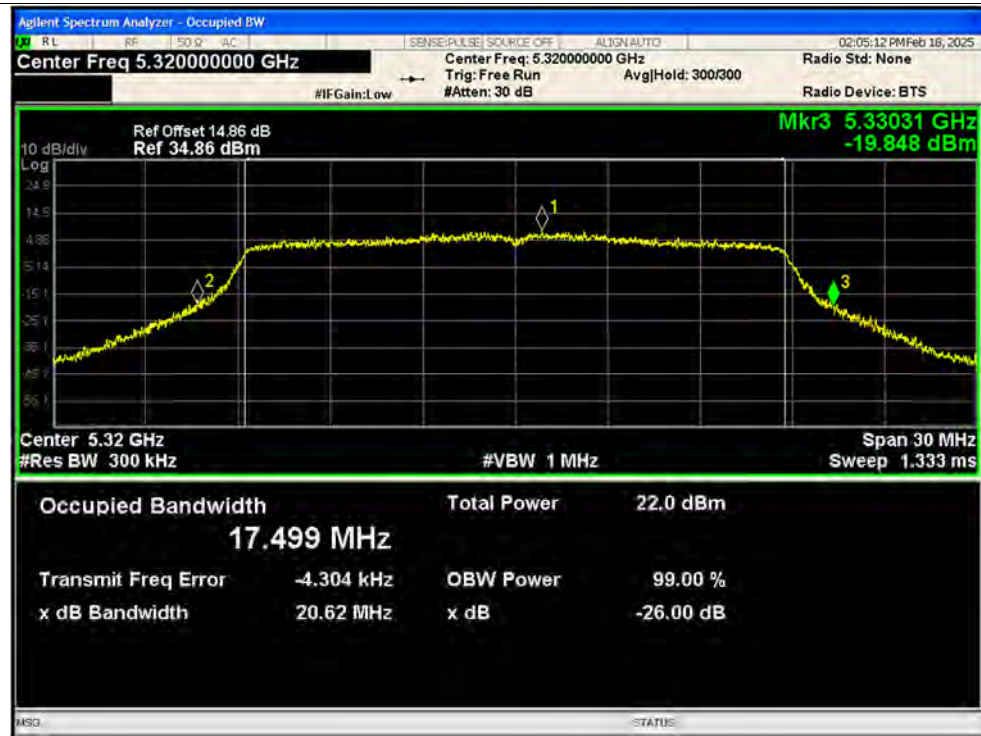


-26dB Bandwidth NVNT ac20 5300MHz Ant2 MIMO





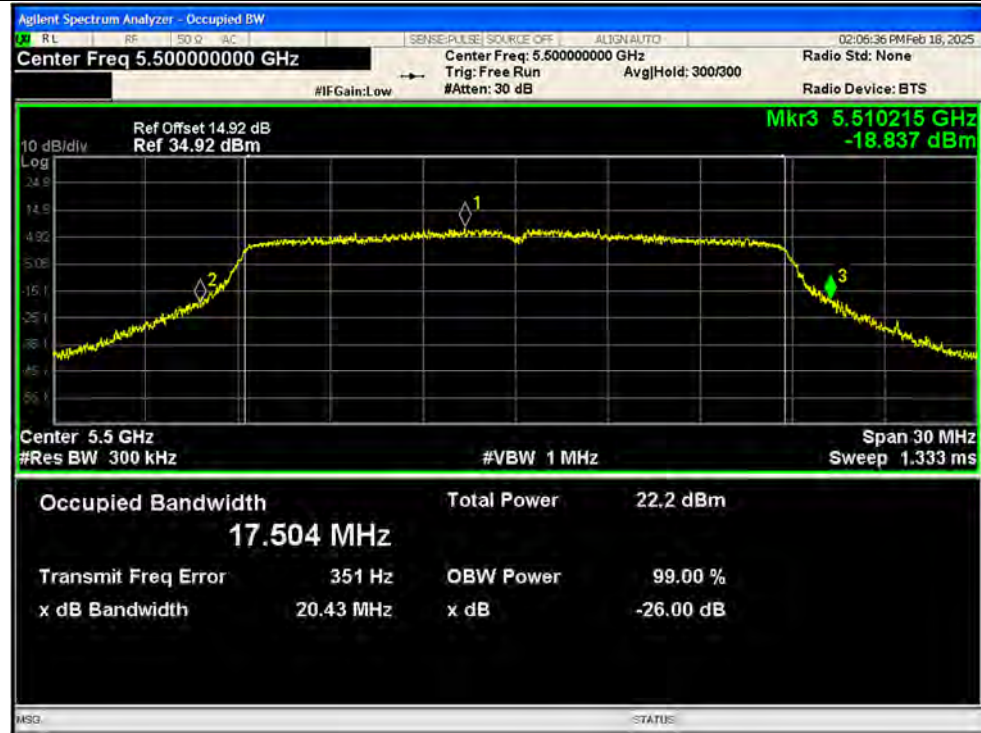
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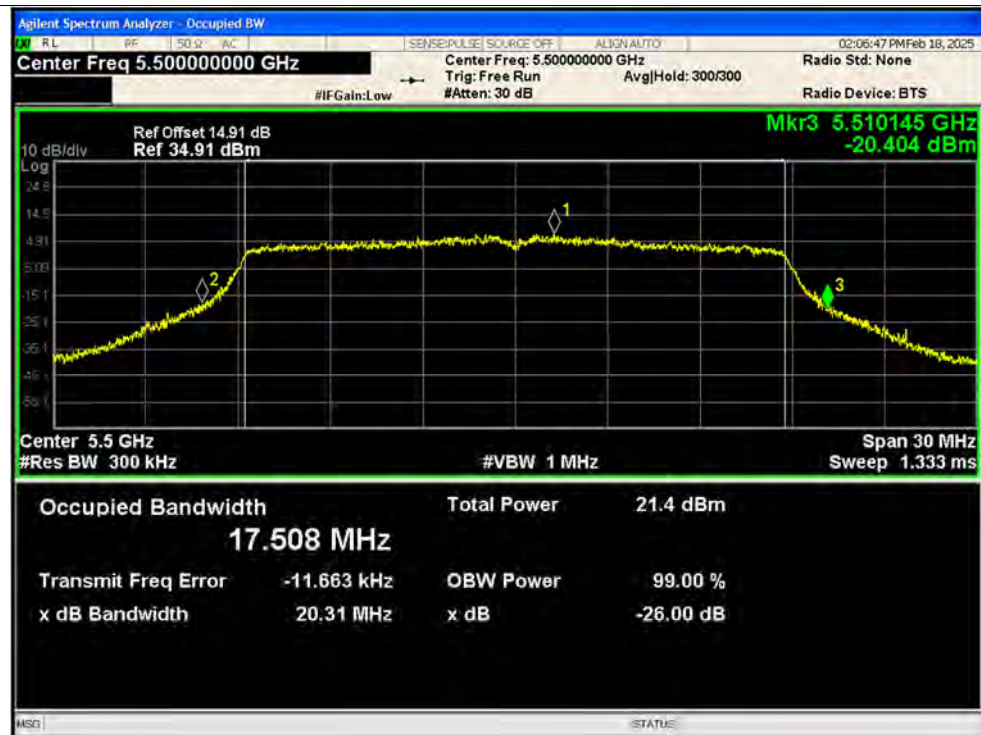
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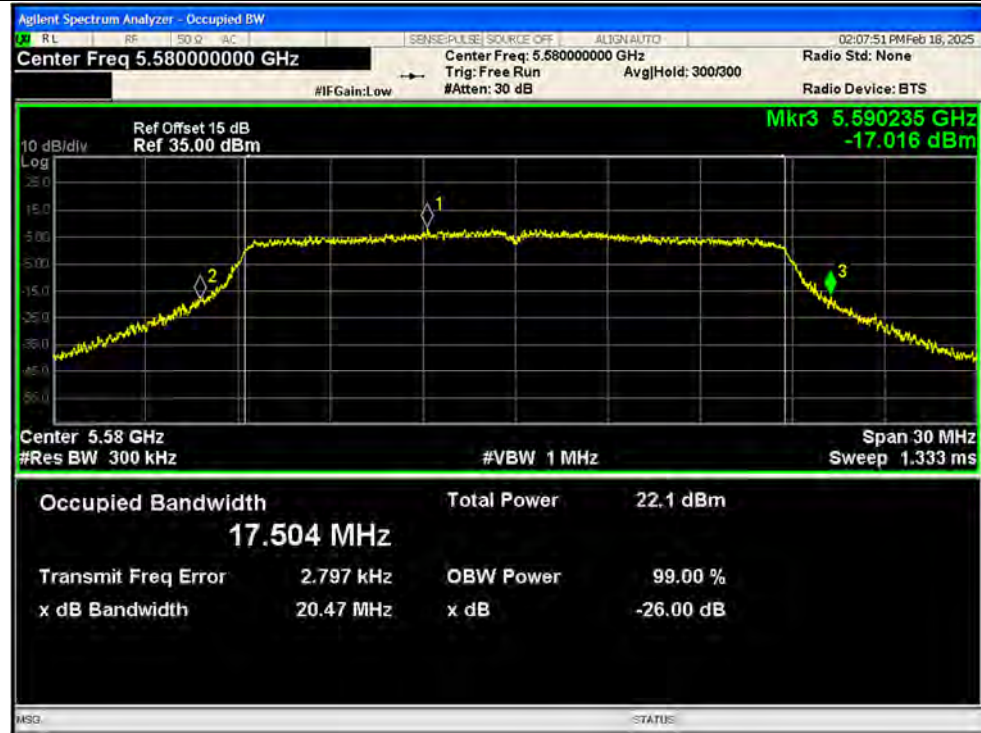
-26dB Bandwidth NVNT ac20 5500MHz Ant1 MIMO



-26dB Bandwidth NVNT ac20 5500MHz Ant2 MIMO



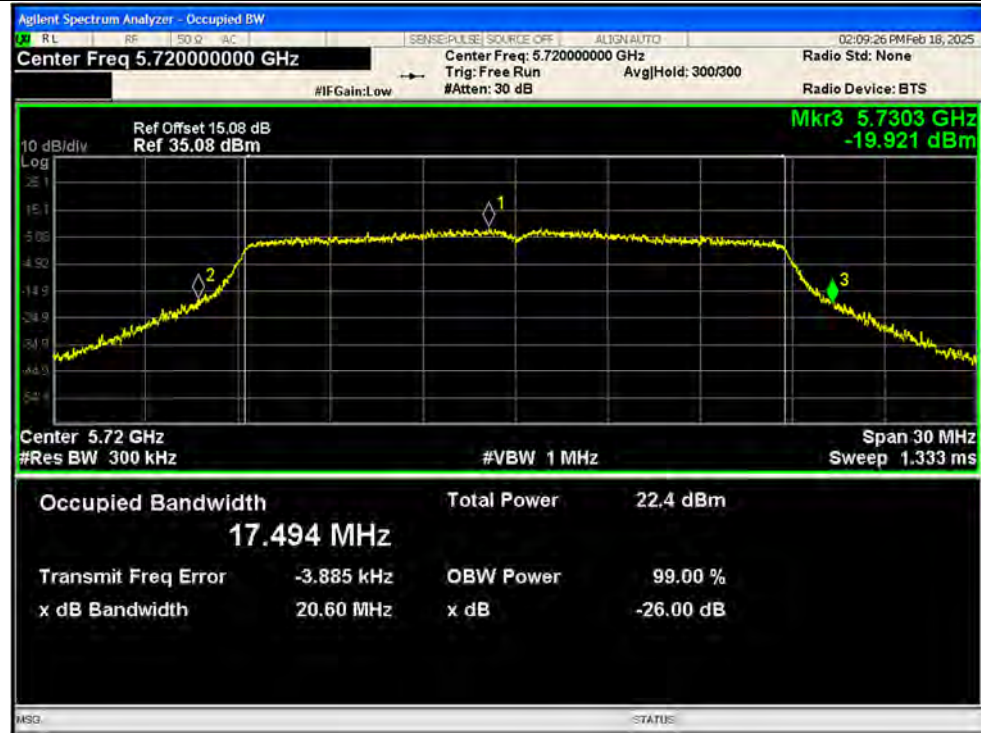
-26dB Bandwidth NVNT ac20 5580MHz Ant1 MIMO



-26dB Bandwidth NVNT ac20 5580MHz Ant2 MIMO



-26dB Bandwidth NVNT ac20 5720MHz Ant1 MIMO

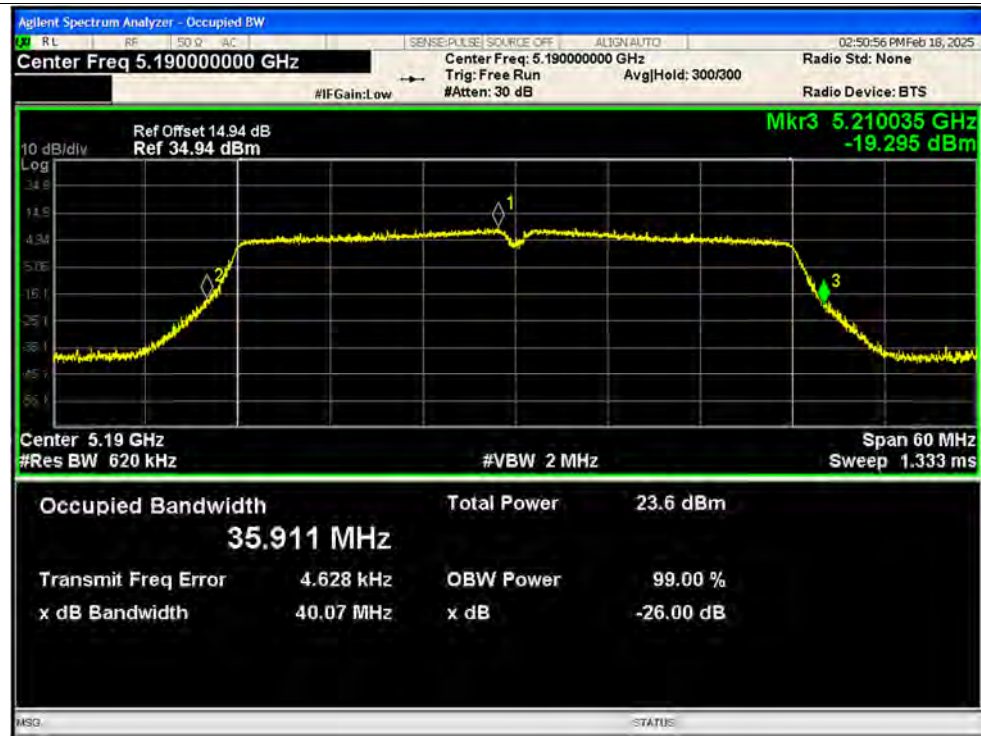


-26dB Bandwidth NVNT ac20 5720MHz Ant2 MIMO

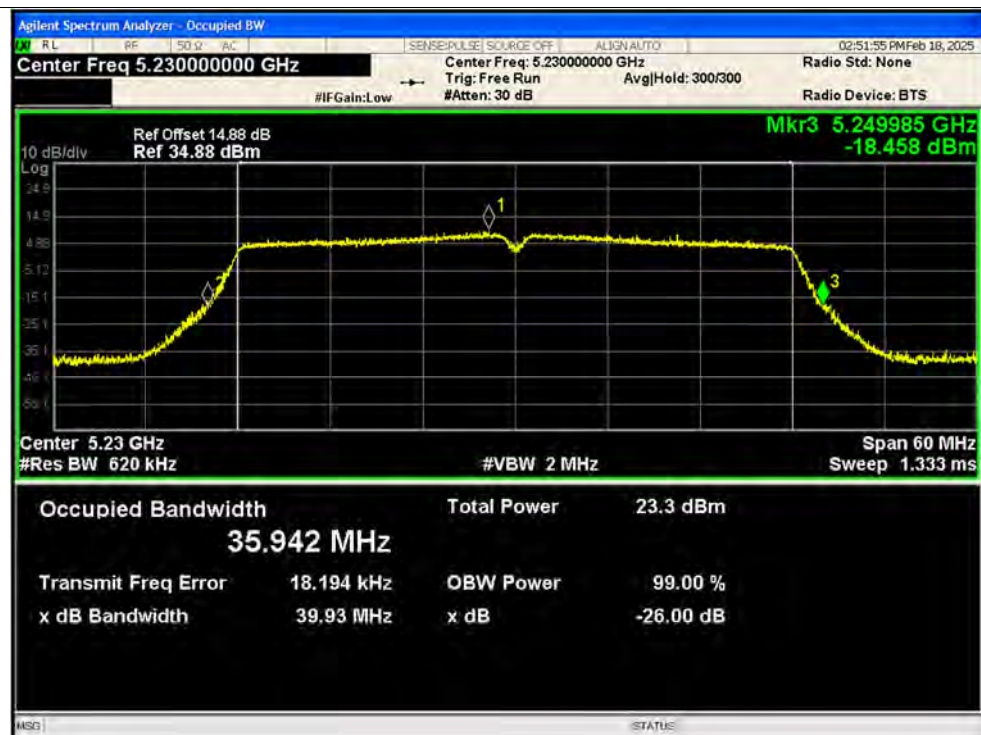




-26dB Bandwidth NVNT ac40 5190MHz Ant1 SISO



-26dB Bandwidth NVNT ac40 5230MHz Ant1 SISO



-26dB Bandwidth NVNT ac40 5270MHz Ant1 SISO



-26dB Bandwidth NVNT ac40 5310MHz Ant1 SISO



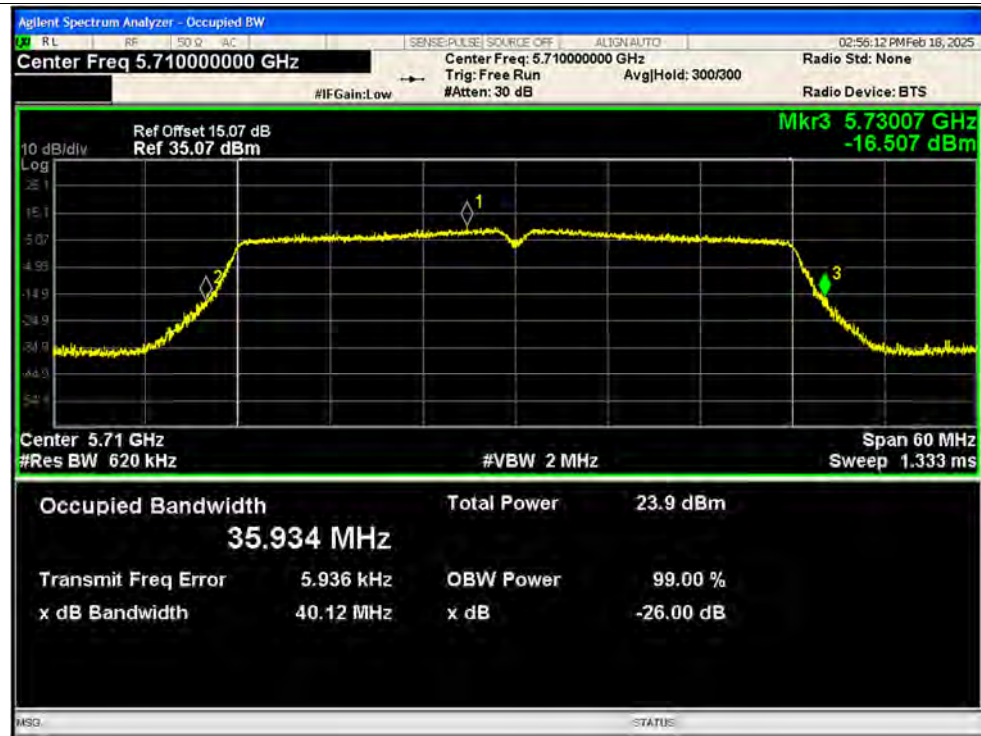
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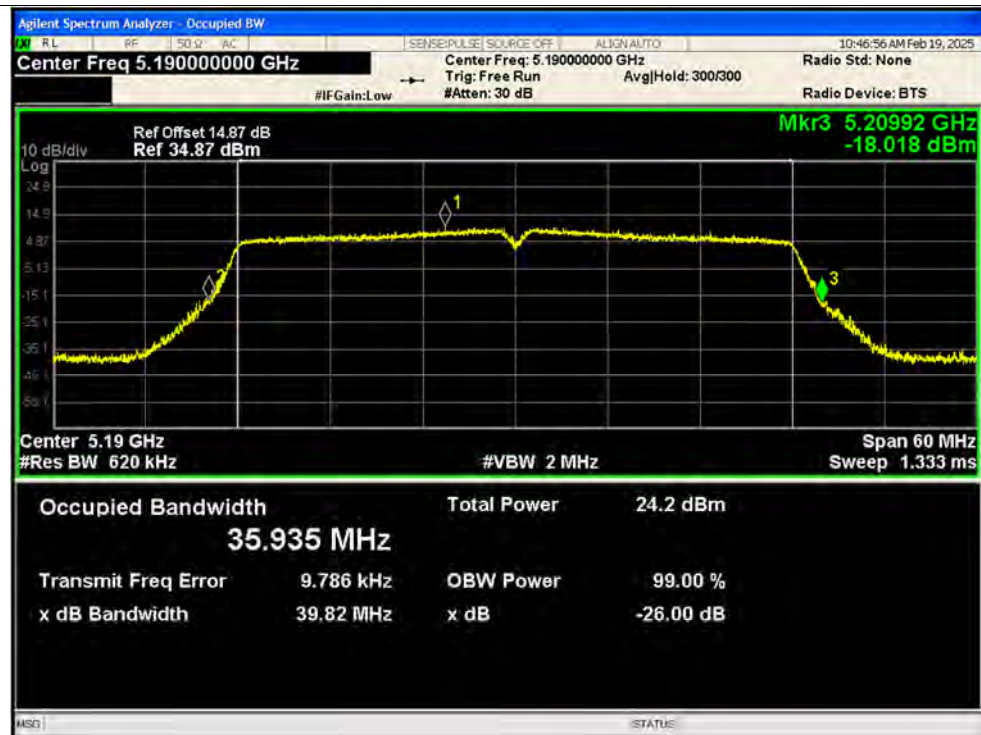
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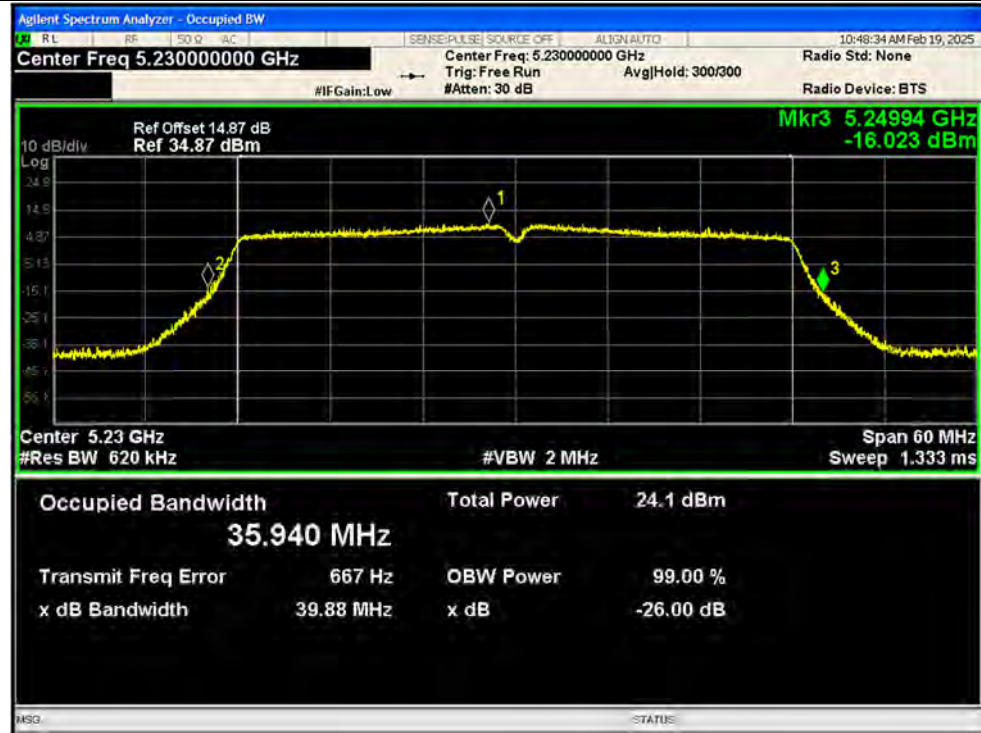
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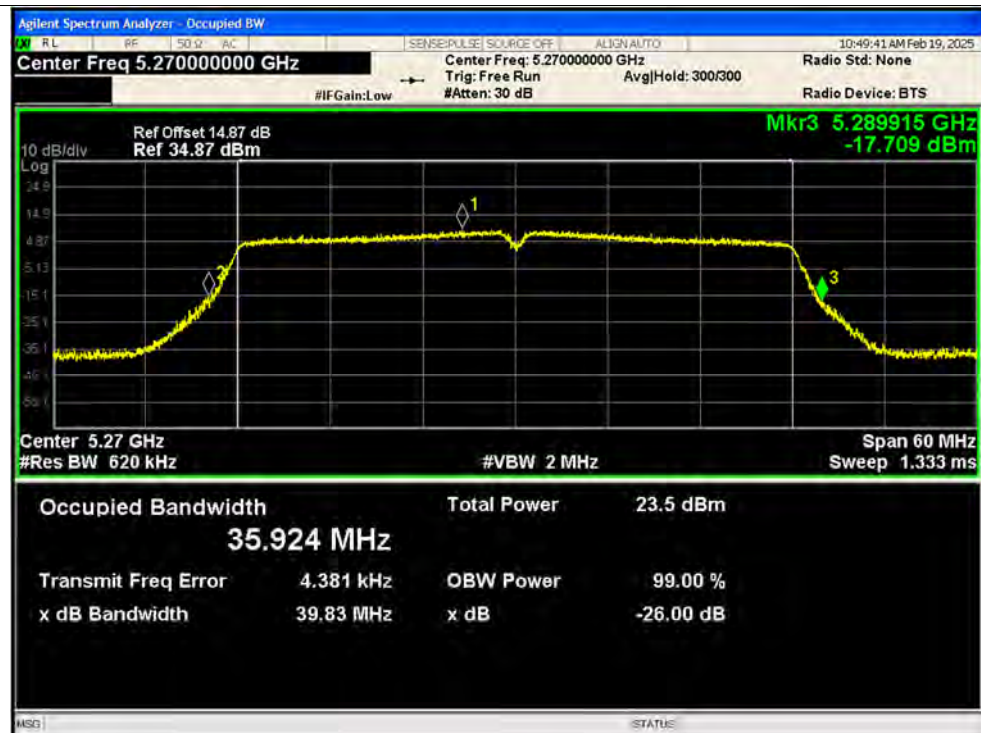
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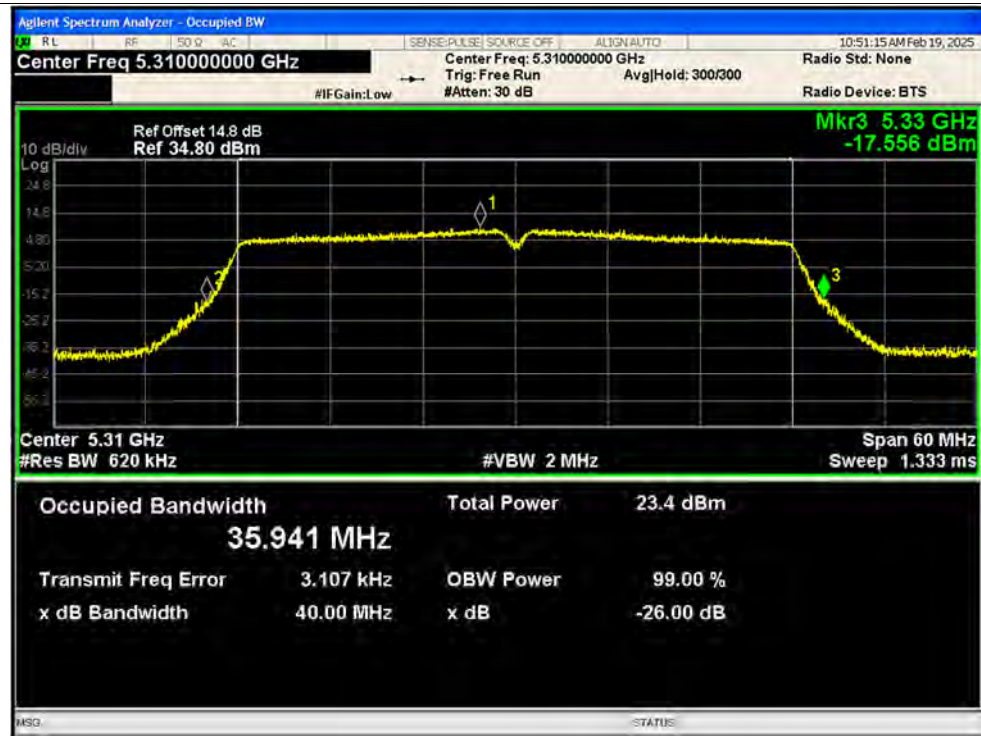
-26dB Bandwidth NVNT ac40 5230MHz Ant2 SISO



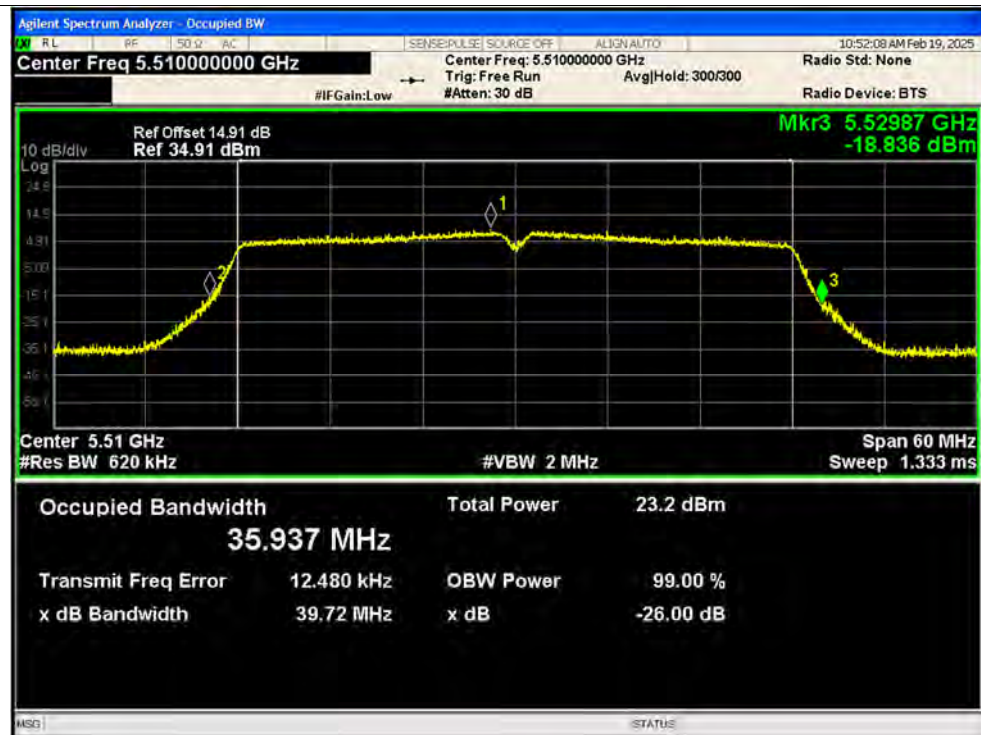
-26dB Bandwidth NVNT ac40 5270MHz Ant2 SISO



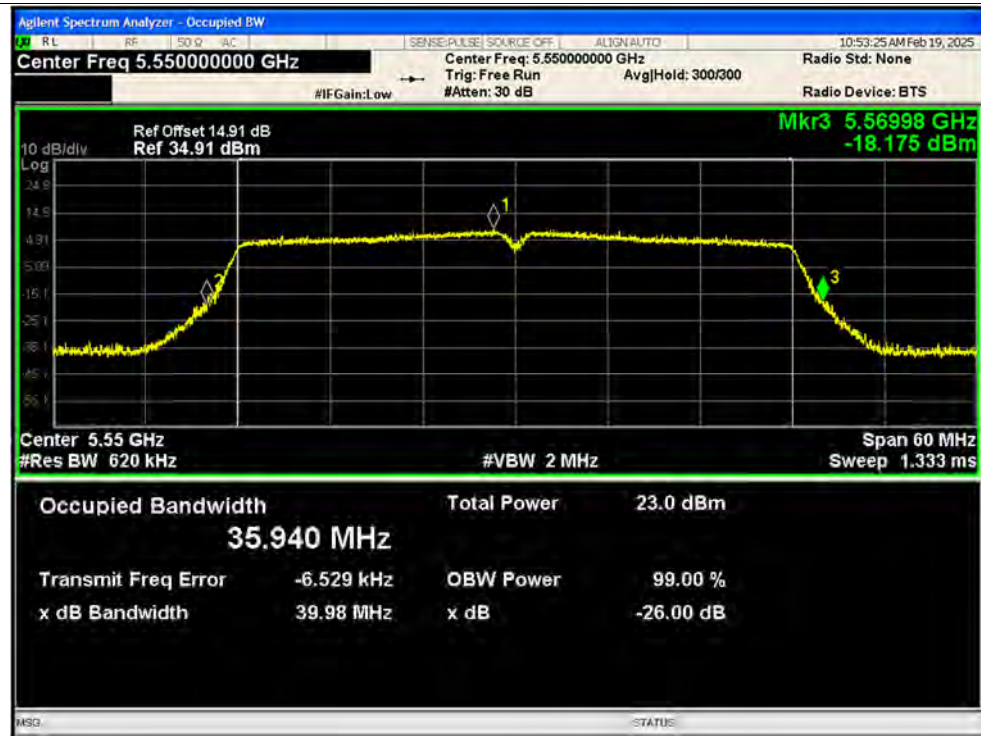
-26dB Bandwidth NVNT ac40 5310MHz Ant2 SISO



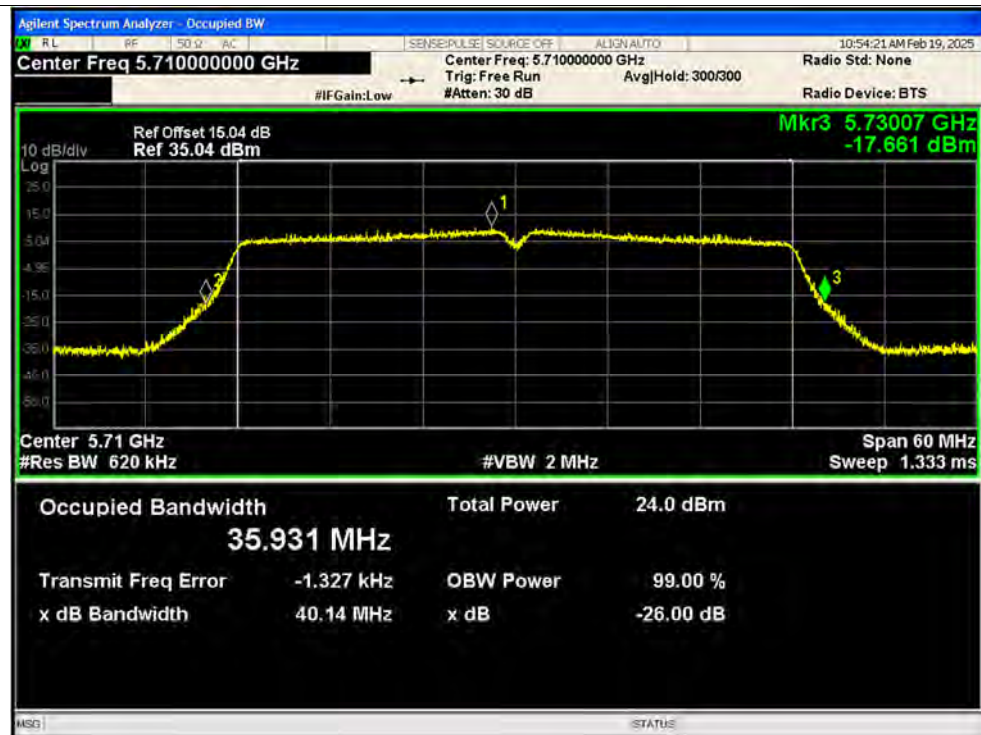
-26dB Bandwidth NVNT ac40 5510MHz Ant2 SISO



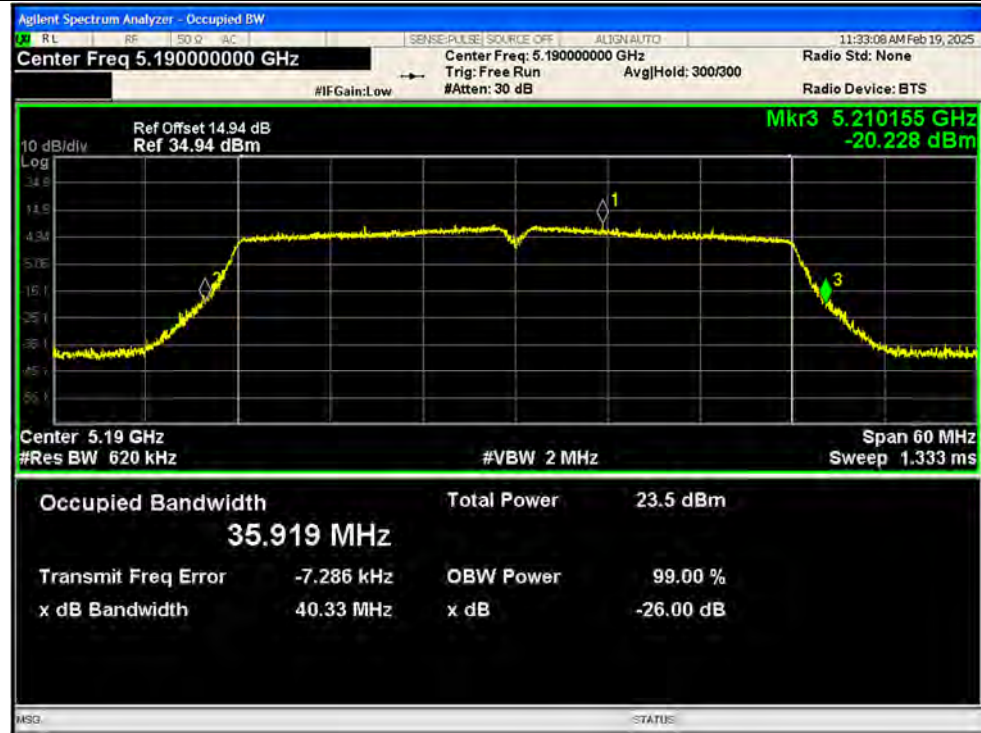
-26dB Bandwidth NVNT ac40 5550MHz Ant2 SISO



-26dB Bandwidth NVNT ac40 5710MHz Ant2 SISO



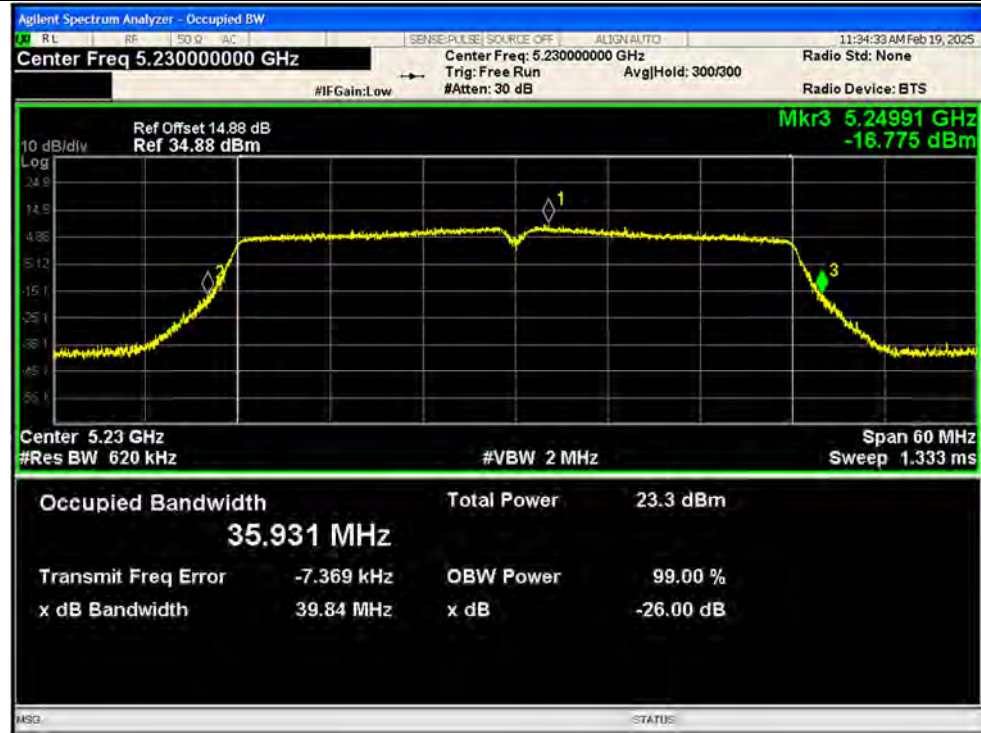
-26dB Bandwidth NVNT ac40 5190MHz Ant1 MIMO



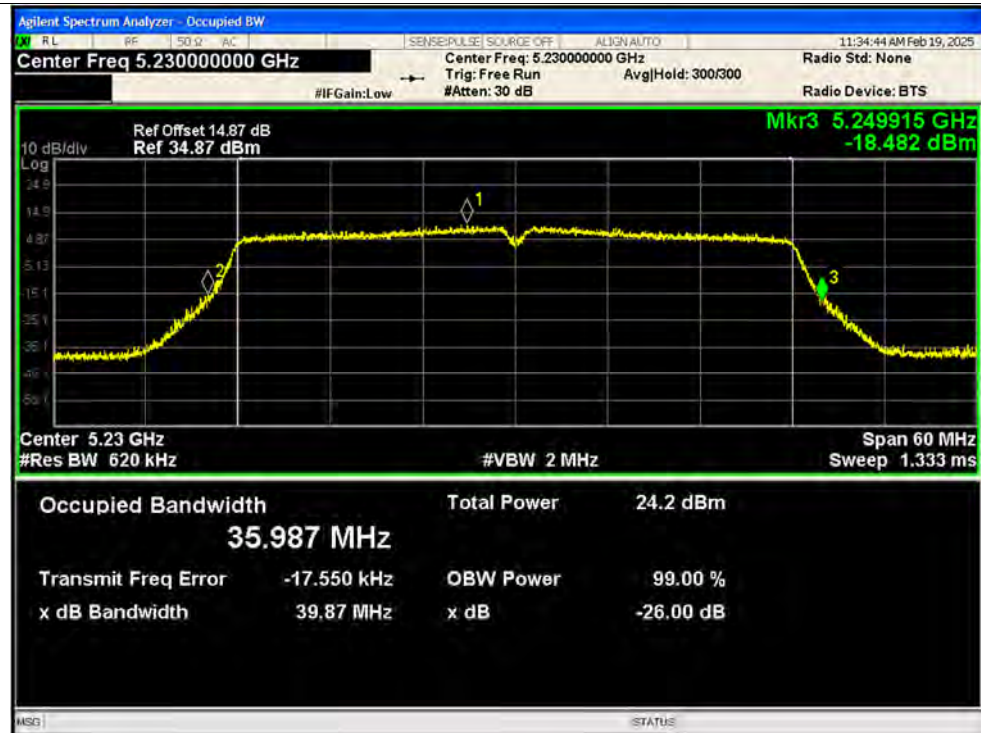
-26dB Bandwidth NVNT ac40 5190MHz Ant2 MIMO



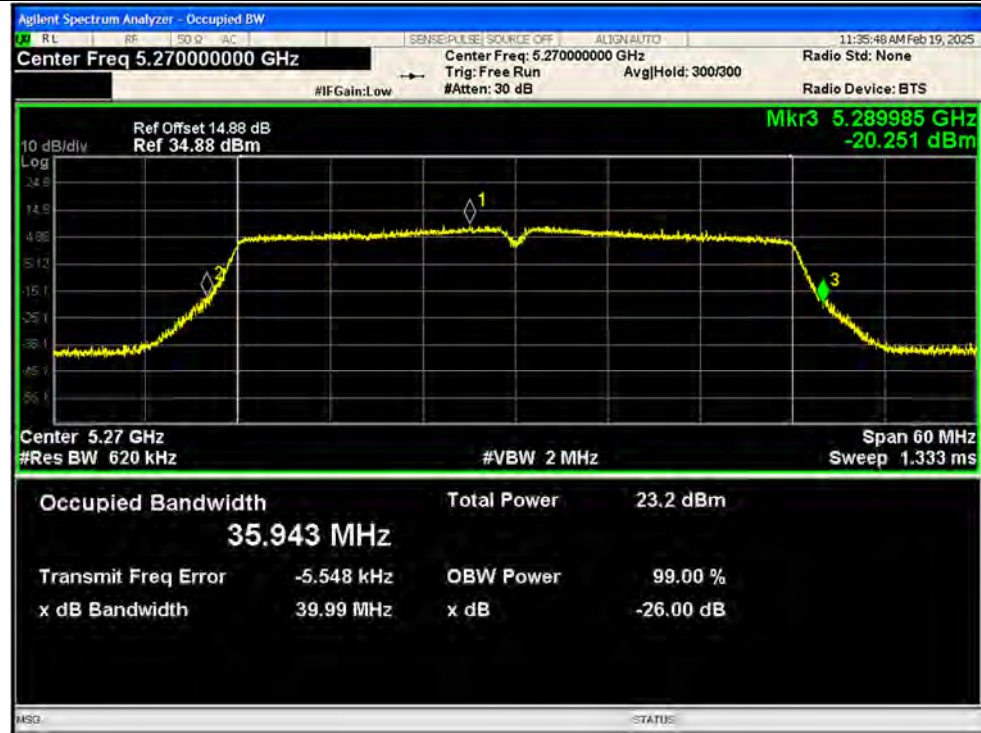
-26dB Bandwidth NVNT ac40 5230MHz Ant1 MIMO



-26dB Bandwidth NVNT ac40 5230MHz Ant2 MIMO



-26dB Bandwidth NVNT ac40 5270MHz Ant1 MIMO



-26dB Bandwidth NVNT ac40 5270MHz Ant2 MIMO

