



REPORT No.: SZ24070315W04

TEST REPORT

APPLICANT : OnePlus Technology (Shenzhen) Co., Ltd.

PRODUCT NAME : Mobile Phone

MODEL NAME : CPH2647

BRAND NAME : Oneplus

FCC ID : 2ABZ2-OP23869

STANDARD(S) : 47 CFR Part 15 Subpart E

RECEIPT DATE : 2024-08-12

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Change History		
Version	Date	Reason for change
1.0	2024-10-02	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	Sep. 02&05, 2024	Li Xinpeng	PASS	No deviation
3	15.407(a)	Maximum Conducted Output Power	Sep. 05, 2024	Li Xinpeng	PASS	No deviation
4	15.407(a)(e)	Emission Bandwidth	Sep. 06&13, 2024	Li Xinpeng	PASS	No deviation
5	15.407(a)	Peak Power Spectral Density	Sep. 06&13, 2024	Li Xinpeng	PASS	No deviation
6	15.407(g)	Frequency Stability	Sep. 14, 2024	Li Xinpeng	PASS	No deviation
7	15.407(h)	DFS	Sep. 14, 2024	Li Xinpeng	PASS	No deviation
8	15.207	Conducted Emission	Aug. 14, 2024	Fan Shengquan	PASS	No deviation
9	15.407(b)	Restricted Frequency Bands	Sep. 12&19, 2024	Li Hanbin	PASS	No deviation
10	15.407(b)	Radiated Emission	Sep. 18, 2024	Li Hanbin	PASS	No deviation

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

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

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

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

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



1.1. Testing Applied Standards

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

- 47 CFR Part 15 Subpart E Radio Frequency Devices



1.2. Test Equipment List

1.2.1 Conducted Test Equipment

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
EXA Signal Analyzer	MY53470836	N9010A	Agilent	2024.02.19	2025.02.18
USB Wideband Power Sensor	MY54180008	U2021XA	Agilent	2023.10.17	2024.10.16
Temperature Chamber	12108015	DTL-003S101	YOMA	2023.09.19	2024.09.18
RF Cable (30MHz-26GHz)	CB01	RF01	Morlab	N/A	N/A
SMA Connector	CN01	RF03	HUBER-SUHNER	N/A	N/A
Attenuator	MTJ6004-10	10dB	MTJ cooperation	N/A	N/A

1.2.2 Conducted Emission Test Equipment

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

1.2.3 List of Software Used

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

**1.2.4 Radiated Test Equipment**

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Signal Analyzer	MY56060145	N9020A	Agilent	2024.05.30	2025.05.29
Test Antenna - Bi-Log	9163-519	VULB 9163	Schwarzbeck	2024.06.22	2025.06.21
Test Antenna - Loop	1519-022	FMZB1519	Schwarzbeck	2024.06.03	2025.06.02
Test Antenna – Horn	01774	BBHA 9120D	Schwarzbeck	2024.06.22	2025.06.21
Test Antenna – Horn	BBHA9170 #773	BBHA9170	Schwarzbeck	2024.06.22	2025.06.21
Preamplifier (10MHz-6GHz)	46732	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
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
Telephone	+86 755 36698555
Facsimile	+86 755 36698525
FCC Designation Number	CN1192
FCC Test Firm Registration Number	226174



2. General Description

2.1. Information of Applicant and Manufacturer

Applicant	OnePlus Technology (Shenzhen) Co., Ltd.
Applicant Address	18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China.
Manufacturer	OnePlus Technology (Shenzhen) Co., Ltd.
Manufacturer Address	18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China.

2.2. Information of EUT

Product Name:	Mobile Phone	
Sample No.:	8#	
Hardware Version:	11	
Software Version:	OxygenOS 15.0	
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) 802.11be (EHT20), 802.11be (EHT40), 802.11be (EHT80), 802.11be (EHT160)	
Operating Frequency Range:	5180MHz-5240MHz; 5260MHz-5320MHz; 5500MHz-5700MHz; 5745MHz-5825MHz	
TPC Function:	☐ With TPC ☒ Without TPC	
Antenna Type:	IFA Antenna	
Antenna Gain:	5180MHz-5240MHz	ANT 12: -3.5dBi; ANT 13: 0.6dBi
	5260MHz-5320MHz	ANT 12: -3.2dBi; ANT 13: -0.6dBi
	5500MHz-5700MHz	ANT 12: -2.7dBi; ANT 13: -2.3dBi
	5745MHz-5825MHz	ANT 12: -1.7dBi; ANT 13: -3.5dBi
Directional Gain:	5180MHz-5240MHz	1.80dBi Note 2



	5260MHz-5320MHz	1.21dBi Note 2
	5500MHz-5700MHz	0.51dBi Note 2
	5745MHz-5825MHz	0.46dBi Note 2
Accessory Information:	Battery	
	Brand Name:	N/A
	Model No.:	BLPB25
	Serial No.:	N/A
	Rated Capacity:	5860mAh
	Rated Voltage:	3.93V
	Charge Limit:	4.53V
	Manufacturer:	Sunwoda Electronic CO.,LTD.
	AC Adapter	
	Brand Name:	N/A
	Model No.:	VCB8OAUH
	Serial No.:	N/A
	Rated Output:	5V $\Rightarrow$ 2A; 5-11V $\Rightarrow$ 5A; 5-11V $\Rightarrow$ 7.3A
	Rated Input:	100-240V $\sim$ 50/60Hz, 2.0A
	Manufacturer1:	Dongguan Aohai Technology Co.,Ltd.
	Manufacturer2:	Huizhou Golden Lake Industrial Co., Ltd.

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

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

Note 2: According to KDB 662911 D01, the directional gain = $10\log[(10^{G0/20}+10^{G1/20})^2/2]$.

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 13) 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	50	5250		
(U-NII-2C) 5500MHz-5700MHz				
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		
40MHz	102	5510	110	5550
	118	5590	126	5630
	134	5670		
80MHz	106	5530	122	5610
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	MCS0~MCS9
			QPSK	
			16QAM	
			64QAM	
			256QAM	
802.11ax	20/40/80/160 (HEW20/40/80/160)	OFDM/ OFDMA	BPSK	MCS0~MCS11
			QPSK	
			16QAM	
			64QAM	
			256QAM	
			1024QAM	
802.11be	20/40/80/160 (EHT20/40/80/160)	OFDM/ OFDMA	BPSK	MCS0~MCS13
			QPSK	
			16QAM	
			64QAM	
			256QAM	
			1024QAM	
			2048QAM	
			4096QAM	

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/be RU Allocation

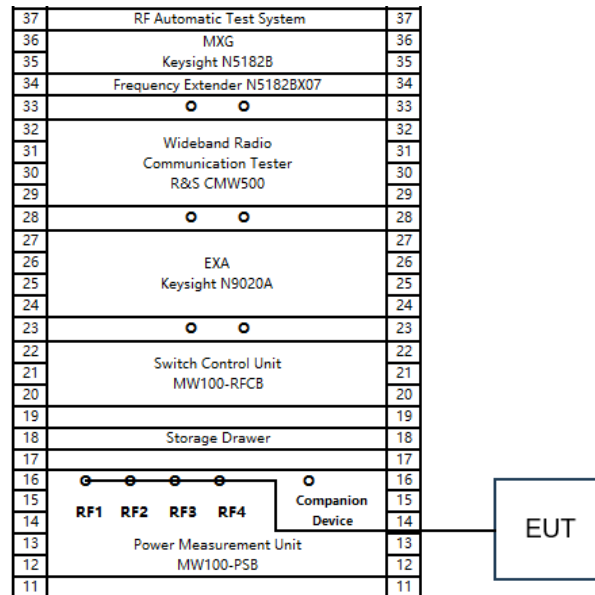
Bandwidth (MHz)	RU Size			User	RU Offset
	Full (Tone)	Partial			
		(Tone)	Bandwidth (MHz)		
20	242	26	2	9	@0/1/2/3/4/5/6/7/8
		52	4	4	@37/38/39/40
		106	8	2	@53/54
		242	20	1	@61
40	484	26	2	18	@0/1/2.....15/16/17
		52	4	8	@37/38/39/40/41/42/43/44
		106	8	4	@53/54/55/56
		242	20	2	@61/62
		484	40	1	@65
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

2.5. Test Conditions

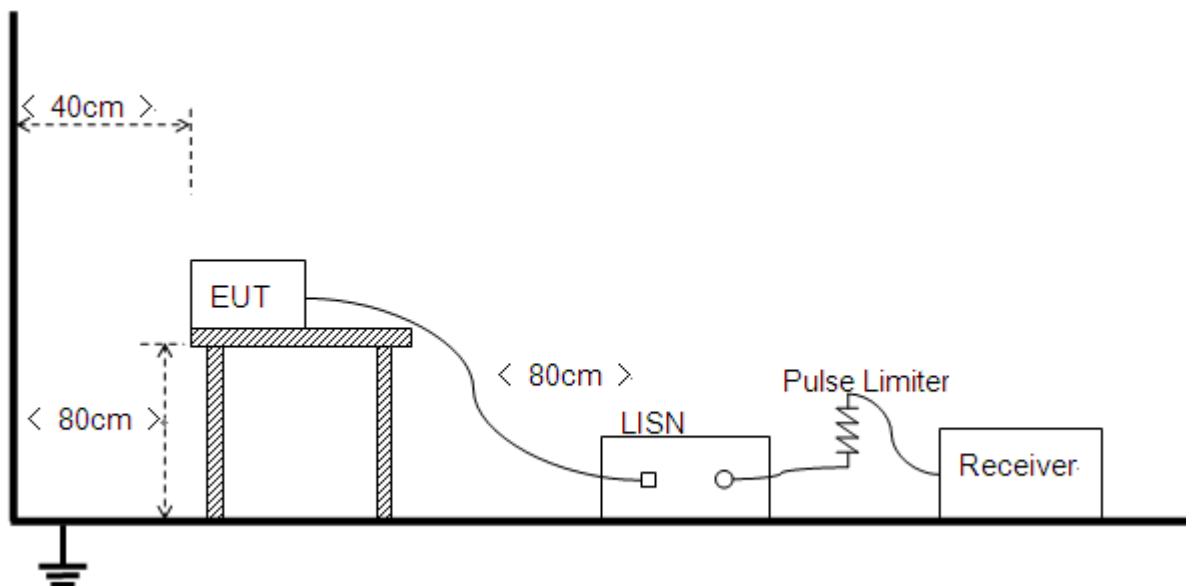
Temperature (°C)	15-35
Relative Humidity (%)	30-60
Atmospheric Pressure (kPa)	86-106

2.6. Test Setup Layout Diagram

2.6.1. Conducted Measurement

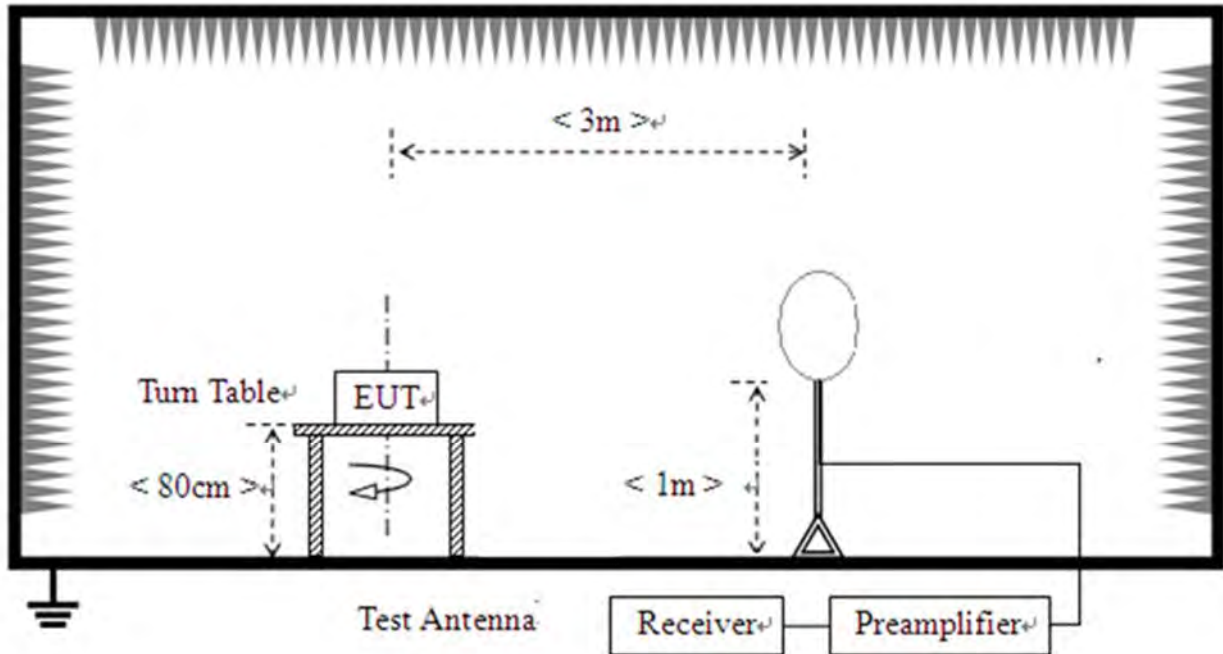


2.6.2. Conducted Emission Measurement

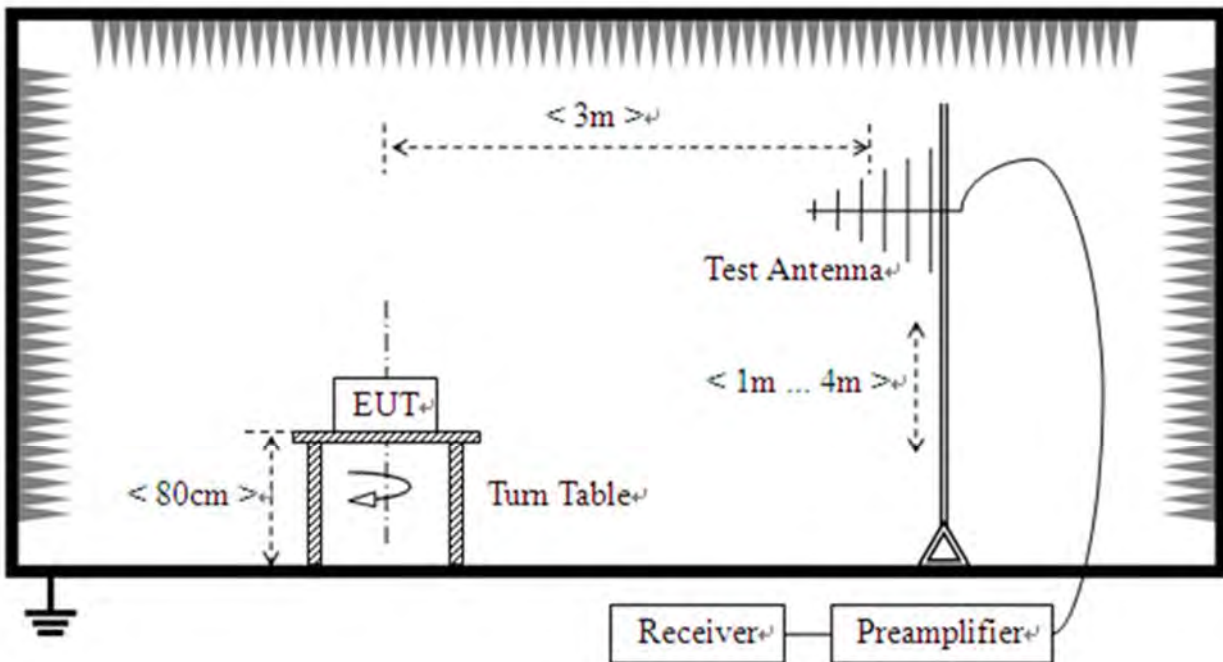


2.6.3.Radiation Measurement

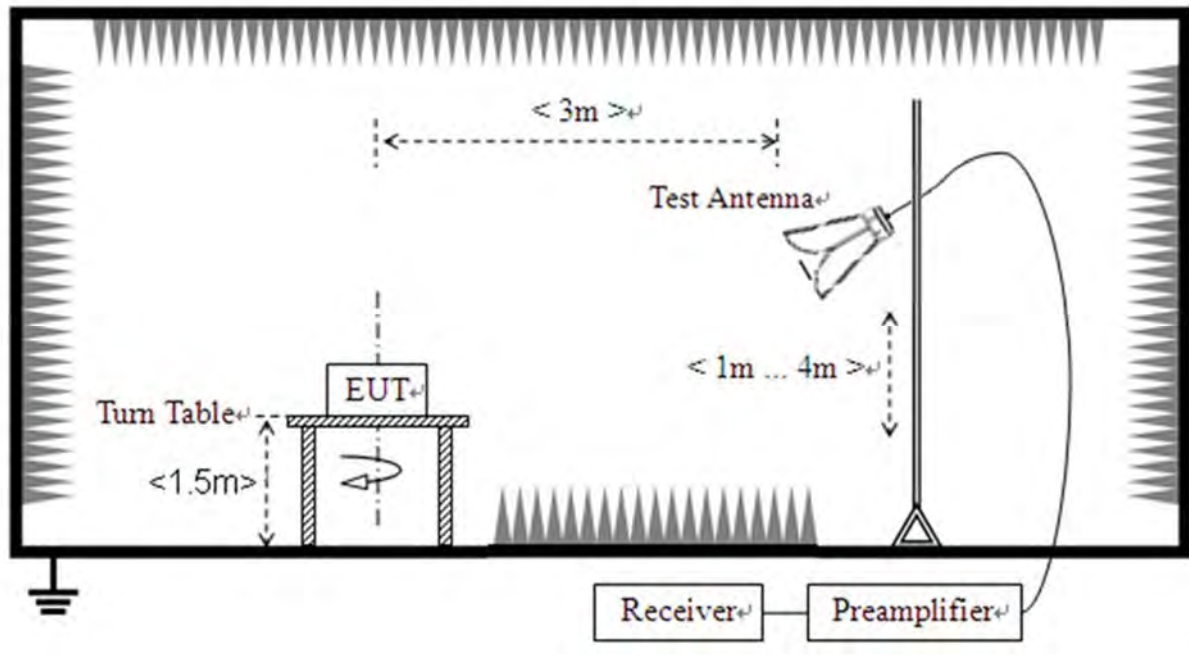
1) For radiated emissions from 9kHz to 30MHz



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



3.2. Duty Cycle of Test Signal

3.2.1. Requirement

Preferably, all measurements of maximum conducted (average) output power will be performed with the EUT transmitting continuously (i.e., with a duty cycle of greater than or equal to 98%). When continuous operation cannot be realized, then the use of sweep triggering/signal gating techniques can be used to ensure that measurements are made only during transmissions at the maximum power control level. Such sweep triggering/signal gating techniques will require knowledge of the minimum transmission duration (T) over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation. Sweep triggering/signal gating techniques can then be used if the measurement/sweep time of the analyzer can be set such that it does not exceed T at any time that data are being acquired (i.e., no transmitter OFF-time is to be considered).

When continuous transmission cannot be achieved and sweep triggering/signal gating cannot be implemented, alternative procedures are provided that can be used to measure the average power; however, they will require an additional measurement of the transmitter duty cycle (D). Within this sub clause, the duty cycle refers to the fraction of time over which the transmitter is ON and is transmitting at its maximum power control level. The duty cycle is considered to be constant if variations are less than $\pm 2\%$; 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.

(5) According to KDB 662911 D01, the directional gain = $G_{\text{ANT}} + 10\log(N_{\text{ANT}})\text{dBi}$, where G_{ANT} is the antenna gain in dBi, N_{ANT} is the number of outputs.

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.

(5) According to KDB 662911 D01, the directional gain = $G_{ANT} + 10\log(N_{ANT})$ dBi, where G_{ANT} is the antenna gain in dBi, N_{ANT} is the number of outputs.

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

- a) 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.
- b) 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.
- c) 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.
- d) 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).
- e) 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.
- f) 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.

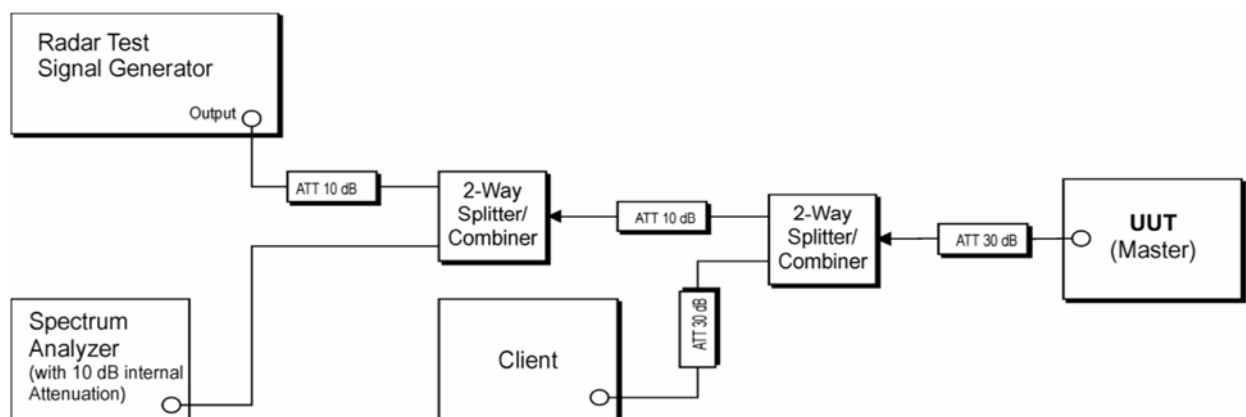
Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The 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

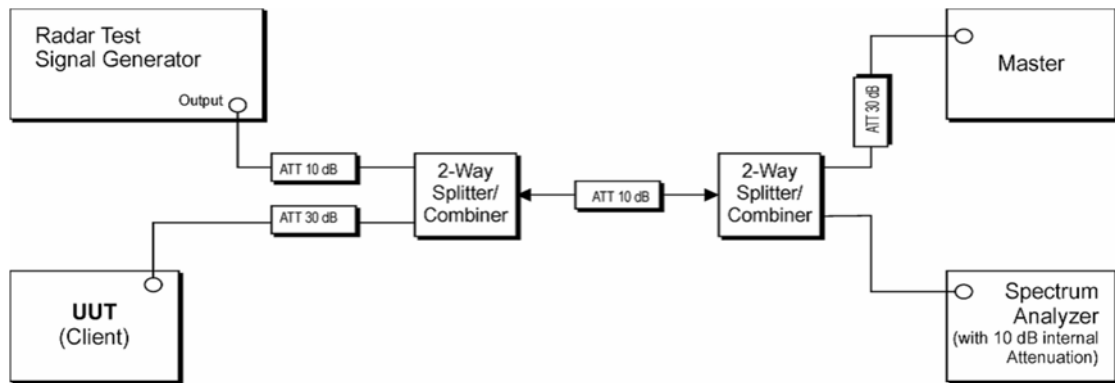
According to Section 7.2 of KDB 905462 D02 V01R01

1. Setup for Master with injection at the Master



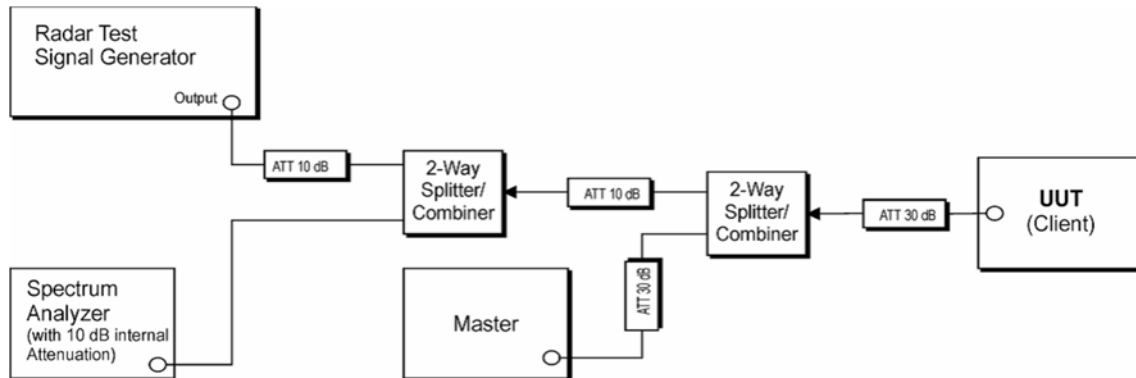
(Example Conducted Setup where UUT is a Master and Radar Test Waveforms are injected into the Master)

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	Ant12	100	0	0
NVNT	a SISO	5220	Ant12	100	0	0
NVNT	a SISO	5240	Ant12	100	0	0
NVNT	a SISO	5260	Ant12	100	0	0
NVNT	a SISO	5300	Ant12	100	0	0
NVNT	a SISO	5320	Ant12	100	0	0
NVNT	a SISO	5500	Ant12	100	0	0
NVNT	a SISO	5580	Ant12	100	0	0
NVNT	a SISO	5700	Ant12	100	0	0
NVNT	a SISO	5745	Ant12	100	0	0
NVNT	a SISO	5785	Ant12	100	0	0
NVNT	a SISO	5825	Ant12	100	0	0
NVNT	a SISO	5180	Ant13	100	0	0
NVNT	a SISO	5220	Ant13	100	0	0
NVNT	a SISO	5240	Ant13	100	0	0
NVNT	a SISO	5260	Ant13	100	0	0
NVNT	a SISO	5300	Ant13	100	0	0
NVNT	a SISO	5320	Ant13	100	0	0
NVNT	a SISO	5500	Ant13	100	0	0
NVNT	a SISO	5580	Ant13	100	0	0
NVNT	a SISO	5700	Ant13	100	0	0
NVNT	a SISO	5745	Ant13	100	0	0
NVNT	a SISO	5785	Ant13	100	0	0
NVNT	a SISO	5825	Ant13	100	0	0
NVNT	n20 SISO	5180	Ant12	100	0	0
NVNT	n20 SISO	5220	Ant12	100	0	0
NVNT	n20 SISO	5240	Ant12	100	0	0
NVNT	n20 SISO	5260	Ant12	100	0	0
NVNT	n20 SISO	5300	Ant12	100	0	0
NVNT	n20 SISO	5320	Ant12	100	0	0
NVNT	n20 SISO	5500	Ant12	100	0	0



NVNT	n20 SISO	5580	Ant12	100	0	0
NVNT	n20 SISO	5700	Ant12	100	0	0
NVNT	n20 SISO	5745	Ant12	100	0	0
NVNT	n20 SISO	5785	Ant12	100	0	0
NVNT	n20 SISO	5825	Ant12	100	0	0
NVNT	n20 SISO	5180	Ant13	100	0	0
NVNT	n20 SISO	5220	Ant13	100	0	0
NVNT	n20 SISO	5240	Ant13	100	0	0
NVNT	n20 SISO	5260	Ant13	100	0	0
NVNT	n20 SISO	5300	Ant13	100	0	0
NVNT	n20 SISO	5320	Ant13	100	0	0
NVNT	n20 SISO	5500	Ant13	100	0	0
NVNT	n20 SISO	5580	Ant13	100	0	0
NVNT	n20 SISO	5700	Ant13	100	0	0
NVNT	n20 SISO	5745	Ant13	100	0	0
NVNT	n20 SISO	5785	Ant13	100	0	0
NVNT	n20 SISO	5825	Ant13	100	0	0
NVNT	n20 MIMO	5180	Sum	100	0	0
NVNT	n20 MIMO	5220	Sum	100	0	0
NVNT	n20 MIMO	5240	Sum	100	0	0
NVNT	n20 MIMO	5260	Sum	100	0	0
NVNT	n20 MIMO	5300	Sum	100	0	0
NVNT	n20 MIMO	5320	Sum	100	0	0
NVNT	n20 MIMO	5500	Sum	100	0	0
NVNT	n20 MIMO	5580	Sum	100	0	0
NVNT	n20 MIMO	5700	Sum	100	0	0
NVNT	n20 MIMO	5745	Sum	100	0	0
NVNT	n20 MIMO	5785	Sum	100	0	0
NVNT	n20 MIMO	5825	Sum	100	0	0
NVNT	n40 SISO	5190	Ant12	100	0	0
NVNT	n40 SISO	5230	Ant12	100	0	0
NVNT	n40 SISO	5270	Ant12	100	0	0
NVNT	n40 SISO	5310	Ant12	100	0	0
NVNT	n40 SISO	5510	Ant12	100	0	0
NVNT	n40 SISO	5550	Ant12	100	0	0
NVNT	n40 SISO	5670	Ant12	100	0	0
NVNT	n40 SISO	5755	Ant12	100	0	0
NVNT	n40 SISO	5795	Ant12	100	0	0



NVNT	n40 SISO	5190	Ant13	100	0	0
NVNT	n40 SISO	5230	Ant13	100	0	0
NVNT	n40 SISO	5270	Ant13	100	0	0
NVNT	n40 SISO	5310	Ant13	100	0	0
NVNT	n40 SISO	5510	Ant13	100	0	0
NVNT	n40 SISO	5550	Ant13	100	0	0
NVNT	n40 SISO	5670	Ant13	100	0	0
NVNT	n40 SISO	5755	Ant13	100	0	0
NVNT	n40 SISO	5795	Ant13	100	0	0
NVNT	n40 MIMO	5190	Sum	100	0	0
NVNT	n40 MIMO	5230	Sum	100	0	0
NVNT	n40 MIMO	5270	Sum	100	0	0
NVNT	n40 MIMO	5310	Sum	100	0	0
NVNT	n40 MIMO	5510	Sum	100	0	0
NVNT	n40 MIMO	5550	Sum	100	0	0
NVNT	n40 MIMO	5670	Sum	100	0	0
NVNT	n40 MIMO	5755	Sum	100	0	0
NVNT	n40 MIMO	5795	Sum	100	0	0
NVNT	ac20 SISO	5180	Ant12	100	0	0
NVNT	ac20 SISO	5220	Ant12	100	0	0
NVNT	ac20 SISO	5240	Ant12	100	0	0
NVNT	ac20 SISO	5260	Ant12	100	0	0
NVNT	ac20 SISO	5300	Ant12	100	0	0
NVNT	ac20 SISO	5320	Ant12	100	0	0
NVNT	ac20 SISO	5500	Ant12	100	0	0
NVNT	ac20 SISO	5580	Ant12	100	0	0
NVNT	ac20 SISO	5700	Ant12	100	0	0
NVNT	ac20 SISO	5745	Ant12	100	0	0
NVNT	ac20 SISO	5785	Ant12	100	0	0
NVNT	ac20 SISO	5825	Ant12	100	0	0
NVNT	ac20 SISO	5180	Ant13	100	0	0
NVNT	ac20 SISO	5220	Ant13	100	0	0
NVNT	ac20 SISO	5240	Ant13	100	0	0
NVNT	ac20 SISO	5260	Ant13	100	0	0
NVNT	ac20 SISO	5300	Ant13	100	0	0
NVNT	ac20 SISO	5320	Ant13	100	0	0
NVNT	ac20 SISO	5500	Ant13	100	0	0
NVNT	ac20 SISO	5580	Ant13	100	0	0



NVNT	ac20 SISO	5700	Ant13	100	0	0
NVNT	ac20 SISO	5745	Ant13	100	0	0
NVNT	ac20 SISO	5785	Ant13	100	0	0
NVNT	ac20 SISO	5825	Ant13	100	0	0
NVNT	ac20 MIMO	5180	Sum	100	0	0
NVNT	ac20 MIMO	5220	Sum	100	0	0
NVNT	ac20 MIMO	5240	Sum	100	0	0
NVNT	ac20 MIMO	5260	Sum	100	0	0
NVNT	ac20 MIMO	5300	Sum	100	0	0
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	5700	Sum	100	0	0
NVNT	ac20 MIMO	5745	Sum	100	0	0
NVNT	ac20 MIMO	5785	Sum	100	0	0
NVNT	ac20 MIMO	5825	Sum	100	0	0
NVNT	ac40 SISO	5190	Ant12	100	0	0
NVNT	ac40 SISO	5230	Ant12	100	0	0
NVNT	ac40 SISO	5270	Ant12	100	0	0
NVNT	ac40 SISO	5310	Ant12	100	0	0
NVNT	ac40 SISO	5510	Ant12	100	0	0
NVNT	ac40 SISO	5550	Ant12	100	0	0
NVNT	ac40 SISO	5670	Ant12	100	0	0
NVNT	ac40 SISO	5755	Ant12	100	0	0
NVNT	ac40 SISO	5795	Ant12	100	0	0
NVNT	ac40 SISO	5190	Ant13	100	0	0
NVNT	ac40 SISO	5230	Ant13	100	0	0
NVNT	ac40 SISO	5270	Ant13	100	0	0
NVNT	ac40 SISO	5310	Ant13	100	0	0
NVNT	ac40 SISO	5510	Ant13	100	0	0
NVNT	ac40 SISO	5550	Ant13	100	0	0
NVNT	ac40 SISO	5670	Ant13	100	0	0
NVNT	ac40 SISO	5755	Ant13	100	0	0
NVNT	ac40 SISO	5795	Ant13	100	0	0
NVNT	ac40 MIMO	5190	Sum	100	0	0
NVNT	ac40 MIMO	5230	Sum	100	0	0
NVNT	ac40 MIMO	5270	Sum	100	0	0
NVNT	ac40 MIMO	5310	Sum	100	0	0



NVNT	ac40 MIMO	5510	Sum	100	0	0
NVNT	ac40 MIMO	5550	Sum	100	0	0
NVNT	ac40 MIMO	5670	Sum	100	0	0
NVNT	ac40 MIMO	5755	Sum	100	0	0
NVNT	ac40 MIMO	5795	Sum	100	0	0
NVNT	ac80 SISO	5210	Ant12	100	0	0
NVNT	ac80 SISO	5290	Ant12	100	0	0
NVNT	ac80 SISO	5530	Ant12	100	0	0
NVNT	ac80 SISO	5610	Ant12	100	0	0
NVNT	ac80 SISO	5775	Ant12	100	0	0
NVNT	ac80 SISO	5210	Ant13	100	0	0
NVNT	ac80 SISO	5290	Ant13	100	0	0
NVNT	ac80 SISO	5530	Ant13	100	0	0
NVNT	ac80 SISO	5610	Ant13	100	0	0
NVNT	ac80 SISO	5775	Ant13	100	0	0
NVNT	ac80 MIMO	5210	Sum	100	0	0
NVNT	ac80 MIMO	5290	Sum	100	0	0
NVNT	ac80 MIMO	5530	Sum	100	0	0
NVNT	ac80 MIMO	5610	Sum	100	0	0
NVNT	ac80 MIMO	5775	Sum	100	0	0
NVNT	ac160 SISO	5250	Ant12	100	0	0
NVNT	ac160 SISO	5570	Ant12	100	0	0
NVNT	ac160 SISO	5250	Ant13	100	0	0
NVNT	ac160 SISO	5570	Ant13	100	0	0
NVNT	ac160 MIMO	5250	Sum	100	0	0
NVNT	ac160 MIMO	5570	Sum	100	0	0
NVNT	ax20 SISO	5180	Ant12	100	0	0
NVNT	ax20 SISO	5220	Ant12	100	0	0
NVNT	ax20 SISO	5240	Ant12	100	0	0
NVNT	ax20 SISO	5260	Ant12	100	0	0
NVNT	ax20 SISO	5300	Ant12	100	0	0
NVNT	ax20 SISO	5320	Ant12	100	0	0
NVNT	ax20 SISO	5500	Ant12	100	0	0
NVNT	ax20 SISO	5580	Ant12	100	0	0
NVNT	ax20 SISO	5700	Ant12	100	0	0
NVNT	ax20 SISO	5745	Ant12	100	0	0
NVNT	ax20 SISO	5785	Ant12	100	0	0
NVNT	ax20 SISO	5825	Ant12	100	0	0



NVNT	ax20 SISO	5180	Ant13	100	0	0
NVNT	ax20 SISO	5220	Ant13	100	0	0
NVNT	ax20 SISO	5240	Ant13	100	0	0
NVNT	ax20 SISO	5260	Ant13	100	0	0
NVNT	ax20 SISO	5300	Ant13	100	0	0
NVNT	ax20 SISO	5320	Ant13	100	0	0
NVNT	ax20 SISO	5500	Ant13	100	0	0
NVNT	ax20 SISO	5580	Ant13	100	0	0
NVNT	ax20 SISO	5700	Ant13	100	0	0
NVNT	ax20 SISO	5745	Ant13	100	0	0
NVNT	ax20 SISO	5785	Ant13	100	0	0
NVNT	ax20 SISO	5825	Ant13	100	0	0
NVNT	ax20 MIMO	5180	Sum	100	0	0
NVNT	ax20 MIMO	5220	Sum	100	0	0
NVNT	ax20 MIMO	5240	Sum	100	0	0
NVNT	ax20 MIMO	5260	Sum	100	0	0
NVNT	ax20 MIMO	5300	Sum	100	0	0
NVNT	ax20 MIMO	5320	Sum	100	0	0
NVNT	ax20 MIMO	5500	Sum	100	0	0
NVNT	ax20 MIMO	5580	Sum	100	0	0
NVNT	ax20 MIMO	5700	Sum	100	0	0
NVNT	ax20 MIMO	5745	Sum	100	0	0
NVNT	ax20 MIMO	5785	Sum	100	0	0
NVNT	ax20 MIMO	5825	Sum	100	0	0
NVNT	ax40 SISO	5190	Ant12	100	0	0
NVNT	ax40 SISO	5230	Ant12	100	0	0
NVNT	ax40 SISO	5270	Ant12	100	0	0
NVNT	ax40 SISO	5310	Ant12	100	0	0
NVNT	ax40 SISO	5510	Ant12	100	0	0
NVNT	ax40 SISO	5550	Ant12	100	0	0
NVNT	ax40 SISO	5670	Ant12	100	0	0
NVNT	ax40 SISO	5755	Ant12	100	0	0
NVNT	ax40 SISO	5795	Ant12	100	0	0
NVNT	ax40 SISO	5190	Ant13	100	0	0
NVNT	ax40 SISO	5230	Ant13	100	0	0
NVNT	ax40 SISO	5270	Ant13	100	0	0
NVNT	ax40 SISO	5310	Ant13	100	0	0
NVNT	ax40 SISO	5510	Ant13	100	0	0



NVNT	ax40 SISO	5550	Ant13	100	0	0
NVNT	ax40 SISO	5670	Ant13	100	0	0
NVNT	ax40 SISO	5755	Ant13	100	0	0
NVNT	ax40 SISO	5795	Ant13	100	0	0
NVNT	ax40 MIMO	5190	Sum	100	0	0
NVNT	ax40 MIMO	5230	Sum	100	0	0
NVNT	ax40 MIMO	5270	Sum	100	0	0
NVNT	ax40 MIMO	5310	Sum	100	0	0
NVNT	ax40 MIMO	5510	Sum	100	0	0
NVNT	ax40 MIMO	5550	Sum	100	0	0
NVNT	ax40 MIMO	5670	Sum	100	0	0
NVNT	ax40 MIMO	5755	Sum	100	0	0
NVNT	ax40 MIMO	5795	Sum	100	0	0
NVNT	ax80 SISO	5210	Ant12	100	0	0
NVNT	ax80 SISO	5290	Ant12	100	0	0
NVNT	ax80 SISO	5530	Ant12	100	0	0
NVNT	ax80 SISO	5610	Ant12	100	0	0
NVNT	ax80 SISO	5775	Ant12	100	0	0
NVNT	ax80 SISO	5210	Ant13	100	0	0
NVNT	ax80 SISO	5290	Ant13	100	0	0
NVNT	ax80 SISO	5530	Ant13	100	0	0
NVNT	ax80 SISO	5610	Ant13	100	0	0
NVNT	ax80 SISO	5775	Ant13	100	0	0
NVNT	ax80 MIMO	5210	Sum	100	0	0
NVNT	ax80 MIMO	5290	Sum	100	0	0
NVNT	ax80 MIMO	5530	Sum	100	0	0
NVNT	ax80 MIMO	5610	Sum	100	0	0
NVNT	ax80 MIMO	5775	Sum	100	0	0
NVNT	ax160 SISO	5250	Ant12	100	0	0
NVNT	ax160 SISO	5570	Ant12	100	0	0
NVNT	ax160 SISO	5250	Ant13	100	0	0
NVNT	ax160 SISO	5570	Ant13	100	0	0
NVNT	ax160 MIMO	5250	Sum	100	0	0
NVNT	ax160 MIMO	5570	Sum	100	0	0
NVNT	be20 SISO	5180	Ant12	100	0	0
NVNT	be20 SISO	5220	Ant12	100	0	0
NVNT	be20 SISO	5240	Ant12	100	0	0
NVNT	be20 SISO	5260	Ant12	100	0	0



NVNT	be20 SISO	5300	Ant12	100	0	0
NVNT	be20 SISO	5320	Ant12	100	0	0
NVNT	be20 SISO	5500	Ant12	100	0	0
NVNT	be20 SISO	5580	Ant12	100	0	0
NVNT	be20 SISO	5700	Ant12	100	0	0
NVNT	be20 SISO	5745	Ant12	100	0	0
NVNT	be20 SISO	5785	Ant12	100	0	0
NVNT	be20 SISO	5825	Ant12	100	0	0
NVNT	be20 SISO	5180	Ant13	100	0	0
NVNT	be20 SISO	5220	Ant13	100	0	0
NVNT	be20 SISO	5240	Ant13	100	0	0
NVNT	be20 SISO	5260	Ant13	100	0	0
NVNT	be20 SISO	5300	Ant13	100	0	0
NVNT	be20 SISO	5320	Ant13	100	0	0
NVNT	be20 SISO	5500	Ant13	100	0	0
NVNT	be20 SISO	5580	Ant13	100	0	0
NVNT	be20 SISO	5700	Ant13	100	0	0
NVNT	be20 SISO	5745	Ant13	100	0	0
NVNT	be20 SISO	5785	Ant13	100	0	0
NVNT	be20 SISO	5825	Ant13	100	0	0
NVNT	be20 MIMO	5180	Sum	100	0	0
NVNT	be20 MIMO	5220	Sum	100	0	0
NVNT	be20 MIMO	5240	Sum	100	0	0
NVNT	be20 MIMO	5260	Sum	100	0	0
NVNT	be20 MIMO	5300	Sum	100	0	0
NVNT	be20 MIMO	5320	Sum	100	0	0
NVNT	be20 MIMO	5500	Sum	100	0	0
NVNT	be20 MIMO	5580	Sum	100	0	0
NVNT	be20 MIMO	5700	Sum	100	0	0
NVNT	be20 MIMO	5745	Sum	100	0	0
NVNT	be20 MIMO	5785	Sum	100	0	0
NVNT	be20 MIMO	5825	Sum	100	0	0
NVNT	be40 SISO	5190	Ant12	100	0	0
NVNT	be40 SISO	5230	Ant12	100	0	0
NVNT	be40 SISO	5270	Ant12	100	0	0
NVNT	be40 SISO	5310	Ant12	100	0	0
NVNT	be40 SISO	5510	Ant12	100	0	0
NVNT	be40 SISO	5550	Ant12	100	0	0



NVNT	be40 SISO	5670	Ant12	100	0	0
NVNT	be40 SISO	5755	Ant12	100	0	0
NVNT	be40 SISO	5795	Ant12	100	0	0
NVNT	be40 SISO	5190	Ant13	100	0	0
NVNT	be40 SISO	5230	Ant13	100	0	0
NVNT	be40 SISO	5270	Ant13	100	0	0
NVNT	be40 SISO	5310	Ant13	100	0	0
NVNT	be40 SISO	5510	Ant13	100	0	0
NVNT	be40 SISO	5550	Ant13	100	0	0
NVNT	be40 SISO	5670	Ant13	100	0	0
NVNT	be40 SISO	5755	Ant13	100	0	0
NVNT	be40 SISO	5795	Ant13	100	0	0
NVNT	be40 MIMO	5190	Sum	100	0	0
NVNT	be40 MIMO	5230	Sum	100	0	0
NVNT	be40 MIMO	5270	Sum	100	0	0
NVNT	be40 MIMO	5310	Sum	100	0	0
NVNT	be40 MIMO	5510	Sum	100	0	0
NVNT	be40 MIMO	5550	Sum	100	0	0
NVNT	be40 MIMO	5670	Sum	100	0	0
NVNT	be40 MIMO	5755	Sum	100	0	0
NVNT	be40 MIMO	5795	Sum	100	0	0
NVNT	be80 SISO	5210	Ant12	100	0	0
NVNT	be80 SISO	5290	Ant12	100	0	0
NVNT	be80 SISO	5530	Ant12	100	0	0
NVNT	be80 SISO	5610	Ant12	100	0	0
NVNT	be80 SISO	5775	Ant12	100	0	0
NVNT	be80 SISO	5210	Ant13	100	0	0
NVNT	be80 SISO	5290	Ant13	100	0	0
NVNT	be80 SISO	5530	Ant13	100	0	0
NVNT	be80 SISO	5610	Ant13	100	0	0
NVNT	be80 SISO	5775	Ant13	100	0	0
NVNT	be80 MIMO	5210	Sum	100	0	0
NVNT	be80 MIMO	5290	Sum	100	0	0
NVNT	be80 MIMO	5530	Sum	100	0	0
NVNT	be80 MIMO	5610	Sum	100	0	0
NVNT	be80 MIMO	5775	Sum	100	0	0
NVNT	be160 SISO	5250	Ant12	100	0	0
NVNT	be160 SISO	5570	Ant12	100	0	0



NVNT	be160 SISO	5250	Ant13	100	0	0
NVNT	be160 SISO	5570	Ant13	100	0	0
NVNT	be160 MIMO	5250	Sum	100	0	0
NVNT	be160 MIMO	5570	Sum	100	0	0
NVNT	ax20 26@0 SISO	5180	Ant12	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	5220	Ant12	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	5240	Ant12	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	5260	Ant12	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	5300	Ant12	99.9	0	0
NVNT	ax20 26@0 SISO	5320	Ant12	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	5500	Ant12	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	5580	Ant12	99.9	0	0
NVNT	ax20 26@0 SISO	5700	Ant12	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	5745	Ant12	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	5785	Ant12	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	5825	Ant12	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	5180	Ant13	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	5220	Ant13	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	5240	Ant13	99.9	0	0
NVNT	ax20 26@0 SISO	5260	Ant13	99.9	0	0
NVNT	ax20 26@0 SISO	5300	Ant13	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	5320	Ant13	99.9	0	0
NVNT	ax20 26@0 SISO	5500	Ant13	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	5580	Ant13	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	5700	Ant13	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	5745	Ant13	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	5785	Ant13	99.61	0.02	0.2
NVNT	ax20 26@0 SISO	5825	Ant13	99.61	0.02	0.2
NVNT	ax20 26@0 MIMO	5180	Sum	99.61	0.02	0.2
NVNT	ax20 26@0 MIMO	5220	Sum	99.61	0.02	0.2
NVNT	ax20 26@0 MIMO	5240	Sum	99.61	0.02	0.2
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	99.9	0	0
NVNT	ax20 26@0 MIMO	5500	Sum	99.61	0.02	0.2
NVNT	ax20 26@0 MIMO	5580	Sum	99.61	0.02	0.2
NVNT	ax20 26@0 MIMO	5700	Sum	99.61	0.02	0.2
NVNT	ax20 26@0 MIMO	5745	Sum	99.61	0.02	0.2



NVNT	ax20 26@0 MIMO	5785	Sum	99.61	0.02	0.2
NVNT	ax20 26@0 MIMO	5825	Sum	99.9	0	0
NVNT	ax20 52@37 SISO	5180	Ant12	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	5220	Ant12	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	5240	Ant12	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	5260	Ant12	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	5300	Ant12	99.9	0	0
NVNT	ax20 52@37 SISO	5320	Ant12	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	5500	Ant12	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	5580	Ant12	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	5700	Ant12	99.9	0	0
NVNT	ax20 52@37 SISO	5745	Ant12	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	5785	Ant12	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	5825	Ant12	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	5180	Ant13	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	5220	Ant13	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	5240	Ant13	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	5260	Ant13	99.9	0	0
NVNT	ax20 52@37 SISO	5300	Ant13	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	5320	Ant13	99.9	0	0
NVNT	ax20 52@37 SISO	5500	Ant13	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	5580	Ant13	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	5700	Ant13	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	5745	Ant13	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	5785	Ant13	99.61	0.02	0.2
NVNT	ax20 52@37 SISO	5825	Ant13	99.9	0	0
NVNT	ax20 52@37 MIMO	5180	Sum	99.61	0.02	0.2
NVNT	ax20 52@37 MIMO	5220	Sum	99.9	0	0
NVNT	ax20 52@37 MIMO	5240	Sum	99.9	0	0
NVNT	ax20 52@37 MIMO	5260	Sum	99.61	0.02	0.2
NVNT	ax20 52@37 MIMO	5300	Sum	99.61	0.02	0.2
NVNT	ax20 52@37 MIMO	5320	Sum	99.9	0	0
NVNT	ax20 52@37 MIMO	5500	Sum	99.61	0.02	0.2
NVNT	ax20 52@37 MIMO	5580	Sum	99.61	0.02	0.2
NVNT	ax20 52@37 MIMO	5700	Sum	99.9	0	0
NVNT	ax20 52@37 MIMO	5745	Sum	99.9	0	0
NVNT	ax20 52@37 MIMO	5785	Sum	99.61	0.02	0.2
NVNT	ax20 52@37 MIMO	5825	Sum	99.61	0.02	0.2



NVNT	ax20 106@53 SISO	5180	Ant12	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	5220	Ant12	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	5240	Ant12	99.9	0	0
NVNT	ax20 106@53 SISO	5260	Ant12	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	5300	Ant12	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	5320	Ant12	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	5500	Ant12	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	5580	Ant12	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	5700	Ant12	99.9	0	0
NVNT	ax20 106@53 SISO	5745	Ant12	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	5785	Ant12	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	5825	Ant12	99.9	0	0
NVNT	ax20 106@53 SISO	5180	Ant13	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	5220	Ant13	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	5240	Ant13	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	5260	Ant13	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	5300	Ant13	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	5320	Ant13	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	5500	Ant13	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	5580	Ant13	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	5700	Ant13	99.9	0	0
NVNT	ax20 106@53 SISO	5745	Ant13	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	5785	Ant13	99.58	0.02	0.21
NVNT	ax20 106@53 SISO	5825	Ant13	99.58	0.02	0.21
NVNT	ax20 106@53 MIMO	5180	Sum	99.58	0.02	0.21
NVNT	ax20 106@53 MIMO	5220	Sum	99.58	0.02	0.21
NVNT	ax20 106@53 MIMO	5240	Sum	99.58	0.02	0.21
NVNT	ax20 106@53 MIMO	5260	Sum	99.9	0	0
NVNT	ax20 106@53 MIMO	5300	Sum	99.58	0.02	0.21
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	99.58	0.02	0.21
NVNT	ax20 106@53 MIMO	5700	Sum	99.58	0.02	0.21
NVNT	ax20 106@53 MIMO	5745	Sum	99.58	0.02	0.21
NVNT	ax20 106@53 MIMO	5785	Sum	99.58	0.02	0.21
NVNT	ax20 106@53 MIMO	5825	Sum	99.9	0	0
NVNT	ax40 26@0 SISO	5190	Ant12	99.9	0	0
NVNT	ax40 26@0 SISO	5190	Ant13	99.61	0.02	0.2



NVNT	ax40 26@0 MIMO	5190	Sum	99.9	0	0
NVNT	ax40 52@37 SISO	5190	Ant12	99.9	0	0
NVNT	ax40 52@37 SISO	5190	Ant13	99.61	0.02	0.2
NVNT	ax40 52@37 MIMO	5190	Sum	99.61	0.02	0.2
NVNT	ax40 106@53 SISO	5190	Ant12	99.58	0.02	0.21
NVNT	ax40 106@53 SISO	5190	Ant13	99.58	0.02	0.21
NVNT	ax40 106@53 MIMO	5190	Sum	99.58	0.02	0.21
NVNT	ax40 242@61 SISO	5190	Ant12	99.64	0.02	0.18
NVNT	ax40 242@61 SISO	5190	Ant13	99.28	0.03	0.36
NVNT	ax40 242@61 MIMO	5190	Sum	99.27	0.03	0.37
NVNT	ax80 26@0 SISO	5210	Ant12	99.61	0.02	0.2
NVNT	ax80 26@0 SISO	5210	Ant13	99.61	0.02	0.2
NVNT	ax80 26@0 MIMO	5210	Sum	99.61	0.02	0.2
NVNT	ax80 52@37 SISO	5210	Ant12	99.61	0.02	0.2
NVNT	ax80 52@37 SISO	5210	Ant13	99.61	0.02	0.2
NVNT	ax80 52@37 MIMO	5210	Sum	99.61	0.02	0.2
NVNT	ax80 106@53 SISO	5210	Ant12	99.58	0.02	0.21
NVNT	ax80 106@53 SISO	5210	Ant13	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	Ant12	99.28	0.03	0.36
NVNT	ax80 242@61 SISO	5210	Ant13	99.27	0.03	0.37
NVNT	ax80 242@61 MIMO	5210	Sum	99.27	0.03	0.37
NVNT	ax80 484@65 SISO	5210	Ant12	99.53	0.02	0.24
NVNT	ax80 484@65 SISO	5210	Ant13	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	Ant12	99.61	0.02	0.2
NVNT	ax160 26@0 SISO	5250	Ant13	99.9	0	0
NVNT	ax160 26@0 MIMO	5250	Sum	99.61	0.02	0.2
NVNT	ax160 52@74 SISO	5250	Ant12	99.9	0	0
NVNT	ax160 52@74 SISO	5250	Ant13	99.61	0.02	0.2
NVNT	ax160 52@74 MIMO	5250	Sum	99.9	0	0
NVNT	ax160 106@106 SISO	5250	Ant12	99.58	0.02	0.21
NVNT	ax160 106@106 SISO	5250	Ant13	99.58	0.02	0.21
NVNT	ax160 106@106 MIMO	5250	Sum	99.58	0.02	0.21
NVNT	ax160 242@122 SISO	5250	Ant12	99.27	0.03	0.37
NVNT	ax160 242@122 SISO	5250	Ant13	99.27	0.03	0.37
NVNT	ax160 242@122 MIMO	5250	Sum	99.27	0.03	0.37
NVNT	ax160 484@130 SISO	5250	Ant12	98.59	0.06	0.71



NVNT	ax160 484@130 SISO	5250	Ant13	98.59	0.06	0.71
NVNT	ax160 484@130 MIMO	5250	Sum	98.59	0.06	0.71
NVNT	ax160 966@134 SISO	5250	Ant12	99.27	0.03	0.37
NVNT	ax160 966@134 SISO	5250	Ant13	98.55	0.06	0.74
NVNT	ax160 966@134 MIMO	5250	Sum	98.55	0.06	0.74
NVNT	be20 26@0 SISO	5180	Ant12	99.61	0.02	0.2
NVNT	be20 26@0 SISO	5220	Ant12	99.9	0	0
NVNT	be20 26@0 SISO	5240	Ant12	99.61	0.02	0.2
NVNT	be20 26@0 SISO	5260	Ant12	99.61	0.02	0.2
NVNT	be20 26@0 SISO	5300	Ant12	99.61	0.02	0.2
NVNT	be20 26@0 SISO	5320	Ant12	99.61	0.02	0.2
NVNT	be20 26@0 SISO	5500	Ant12	99.61	0.02	0.2
NVNT	be20 26@0 SISO	5580	Ant12	99.61	0.02	0.2
NVNT	be20 26@0 SISO	5700	Ant12	99.61	0.02	0.2
NVNT	be20 26@0 SISO	5745	Ant12	99.9	0	0
NVNT	be20 26@0 SISO	5785	Ant12	99.9	0	0
NVNT	be20 26@0 SISO	5825	Ant12	99.9	0	0
NVNT	be20 26@0 SISO	5180	Ant13	99.61	0.02	0.2
NVNT	be20 26@0 SISO	5220	Ant13	99.61	0.02	0.2
NVNT	be20 26@0 SISO	5240	Ant13	99.9	0	0
NVNT	be20 26@0 SISO	5260	Ant13	99.9	0	0
NVNT	be20 26@0 SISO	5300	Ant13	99.61	0.02	0.2
NVNT	be20 26@0 SISO	5320	Ant13	99.61	0.02	0.2
NVNT	be20 26@0 SISO	5500	Ant13	99.61	0.02	0.2
NVNT	be20 26@0 SISO	5580	Ant13	99.61	0.02	0.2
NVNT	be20 26@0 SISO	5700	Ant13	99.61	0.02	0.2
NVNT	be20 26@0 SISO	5745	Ant13	99.61	0.02	0.2
NVNT	be20 26@0 SISO	5785	Ant13	99.61	0.02	0.2
NVNT	be20 26@0 SISO	5825	Ant13	99.9	0	0
NVNT	be20 26@0 MIMO	5180	Sum	99.61	0.02	0.2
NVNT	be20 26@0 MIMO	5220	Sum	99.9	0	0
NVNT	be20 26@0 MIMO	5240	Sum	99.61	0.02	0.2
NVNT	be20 26@0 MIMO	5260	Sum	99.61	0.02	0.2
NVNT	be20 26@0 MIMO	5300	Sum	99.9	0	0
NVNT	be20 26@0 MIMO	5320	Sum	99.61	0.02	0.2
NVNT	be20 26@0 MIMO	5500	Sum	99.9	0	0
NVNT	be20 26@0 MIMO	5580	Sum	99.61	0.02	0.2
NVNT	be20 26@0 MIMO	5700	Sum	99.61	0.02	0.2



NVNT	be20 26@0 MIMO	5745	Sum	99.61	0.02	0.2
NVNT	be20 26@0 MIMO	5785	Sum	99.61	0.02	0.2
NVNT	be20 26@0 MIMO	5825	Sum	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5180	Ant12	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5220	Ant12	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5240	Ant12	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5260	Ant12	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5300	Ant12	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5320	Ant12	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5500	Ant12	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5580	Ant12	99.9	0	0
NVNT	be20 52@37 SISO	5700	Ant12	99.9	0	0
NVNT	be20 52@37 SISO	5745	Ant12	99.9	0	0
NVNT	be20 52@37 SISO	5785	Ant12	99.9	0	0
NVNT	be20 52@37 SISO	5825	Ant12	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5180	Ant13	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5220	Ant13	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5240	Ant13	99.9	0	0
NVNT	be20 52@37 SISO	5260	Ant13	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5300	Ant13	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5320	Ant13	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5500	Ant13	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5580	Ant13	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5700	Ant13	99.9	0	0
NVNT	be20 52@37 SISO	5745	Ant13	99.9	0	0
NVNT	be20 52@37 SISO	5785	Ant13	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5825	Ant13	99.9	0	0
NVNT	be20 52@37 MIMO	5180	Sum	99.61	0.02	0.2
NVNT	be20 52@37 MIMO	5220	Sum	99.61	0.02	0.2
NVNT	be20 52@37 MIMO	5240	Sum	99.61	0.02	0.2
NVNT	be20 52@37 MIMO	5260	Sum	99.61	0.02	0.2
NVNT	be20 52@37 MIMO	5300	Sum	99.9	0	0
NVNT	be20 52@37 MIMO	5320	Sum	99.61	0.02	0.2
NVNT	be20 52@37 MIMO	5500	Sum	99.9	0	0
NVNT	be20 52@37 MIMO	5580	Sum	99.61	0.02	0.2
NVNT	be20 52@37 MIMO	5700	Sum	99.61	0.02	0.2
NVNT	be20 52@37 MIMO	5745	Sum	99.9	0	0
NVNT	be20 52@37 MIMO	5785	Sum	99.9	0	0



NVNT	be20 52@37 MIMO	5825	Sum	99.9	0	0
NVNT	be20 106@53 SISO	5180	Ant12	99.58	0.02	0.21
NVNT	be20 106@53 SISO	5220	Ant12	99.9	0	0
NVNT	be20 106@53 SISO	5240	Ant12	99.58	0.02	0.21
NVNT	be20 106@53 SISO	5260	Ant12	99.58	0.02	0.21
NVNT	be20 106@53 SISO	5300	Ant12	99.58	0.02	0.21
NVNT	be20 106@53 SISO	5320	Ant12	99.58	0.02	0.21
NVNT	be20 106@53 SISO	5500	Ant12	99.58	0.02	0.21
NVNT	be20 106@53 SISO	5580	Ant12	99.9	0	0
NVNT	be20 106@53 SISO	5700	Ant12	99.58	0.02	0.21
NVNT	be20 106@53 SISO	5745	Ant12	99.58	0.02	0.21
NVNT	be20 106@53 SISO	5785	Ant12	99.58	0.02	0.21
NVNT	be20 106@53 SISO	5825	Ant12	99.9	0	0
NVNT	be20 106@53 SISO	5180	Ant13	99.58	0.02	0.21
NVNT	be20 106@53 SISO	5220	Ant13	99.58	0.02	0.21
NVNT	be20 106@53 SISO	5240	Ant13	99.9	0	0
NVNT	be20 106@53 SISO	5260	Ant13	99.58	0.02	0.21
NVNT	be20 106@53 SISO	5300	Ant13	99.9	0	0
NVNT	be20 106@53 SISO	5320	Ant13	99.58	0.02	0.21
NVNT	be20 106@53 SISO	5500	Ant13	99.58	0.02	0.21
NVNT	be20 106@53 SISO	5580	Ant13	99.58	0.02	0.21
NVNT	be20 106@53 SISO	5700	Ant13	99.9	0	0
NVNT	be20 106@53 SISO	5745	Ant13	99.58	0.02	0.21
NVNT	be20 106@53 SISO	5785	Ant13	99.58	0.02	0.21
NVNT	be20 106@53 SISO	5825	Ant13	99.58	0.02	0.21
NVNT	be20 106@53 MIMO	5180	Sum	99.58	0.02	0.21
NVNT	be20 106@53 MIMO	5220	Sum	99.58	0.02	0.21
NVNT	be20 106@53 MIMO	5240	Sum	99.58	0.02	0.21
NVNT	be20 106@53 MIMO	5260	Sum	99.58	0.02	0.21
NVNT	be20 106@53 MIMO	5300	Sum	99.9	0	0
NVNT	be20 106@53 MIMO	5320	Sum	99.58	0.02	0.21
NVNT	be20 106@53 MIMO	5500	Sum	99.58	0.02	0.21
NVNT	be20 106@53 MIMO	5580	Sum	99.58	0.02	0.21
NVNT	be20 106@53 MIMO	5700	Sum	99.9	0	0
NVNT	be20 106@53 MIMO	5745	Sum	99.58	0.02	0.21
NVNT	be20 106@53 MIMO	5785	Sum	99.58	0.02	0.21
NVNT	be20 106@53 MIMO	5825	Sum	99.9	0	0
NVNT	be40 26@0 SISO	5190	Ant12	100	0	0



NVNT	be40 26@0 SISO	5190	Ant13	99.61	0.02	0.2
NVNT	be40 26@0 MIMO	5190	Sum	99.9	0	0
NVNT	be40 52@37 SISO	5190	Ant12	99.61	0.02	0.2
NVNT	be40 52@37 SISO	5190	Ant13	99.9	0	0
NVNT	be40 52@37 MIMO	5190	Sum	99.9	0	0
NVNT	be40 106@53 SISO	5190	Ant12	99.58	0.02	0.21
NVNT	be40 106@53 SISO	5190	Ant13	99.58	0.02	0.21
NVNT	be40 106@53 MIMO	5190	Sum	99.9	0	0
NVNT	be40 242@61 SISO	5190	Ant12	99.27	0.03	0.37
NVNT	be40 242@61 SISO	5190	Ant13	99.27	0.03	0.37
NVNT	be40 242@61 MIMO	5190	Sum	99.27	0.03	0.37
NVNT	be80 26@0 SISO	5210	Ant12	99.61	0.02	0.2
NVNT	be80 26@0 SISO	5210	Ant13	99.9	0	0
NVNT	be80 26@0 MIMO	5210	Sum	99.9	0	0
NVNT	be80 52@37 SISO	5210	Ant12	99.61	0.02	0.2
NVNT	be80 52@37 SISO	5210	Ant13	99.9	0	0
NVNT	be80 52@37 MIMO	5210	Sum	100	0	0
NVNT	be80 106@53 SISO	5210	Ant12	99.58	0.02	0.21
NVNT	be80 106@53 SISO	5210	Ant13	99.9	0	0
NVNT	be80 106@53 MIMO	5210	Sum	99.9	0	0
NVNT	be80 242@61 SISO	5210	Ant12	99.27	0.03	0.37
NVNT	be80 242@61 SISO	5210	Ant13	99.27	0.03	0.37
NVNT	be80 242@61 MIMO	5210	Sum	99.27	0.03	0.37
NVNT	be80 484@65 SISO	5210	Ant12	98.59	0.06	0.71
NVNT	be80 484@65 SISO	5210	Ant13	98.59	0.06	0.71
NVNT	be80 484@65 MIMO	5210	Sum	98.59	0.06	0.71
NVNT	be160 26@0 SISO	5250	Ant12	99.61	0.02	0.2
NVNT	be160 26@0 SISO	5250	Ant13	99.61	0.02	0.2
NVNT	be160 26@0 MIMO	5250	Sum	99.61	0.02	0.2
NVNT	be160 52@74 SISO	5250	Ant12	99.9	0	0
NVNT	be160 52@74 SISO	5250	Ant13	99.61	0.02	0.2
NVNT	be160 52@74 MIMO	5250	Sum	99.61	0.02	0.2
NVNT	be160 106@106 SISO	5250	Ant12	99.58	0.02	0.21
NVNT	be160 106@106 SISO	5250	Ant13	99.9	0	0
NVNT	be160 106@106 MIMO	5250	Sum	99.58	0.02	0.21
NVNT	be160 242@122 SISO	5250	Ant12	99.28	0.03	0.36
NVNT	be160 242@122 SISO	5250	Ant13	99.28	0.03	0.36
NVNT	be160 242@122 MIMO	5250	Sum	99.27	0.03	0.37



NVNT	be160 484@130 SISO	5250	Ant12	98.59	0.06	0.71
NVNT	be160 484@130 SISO	5250	Ant13	98.59	0.06	0.71
NVNT	be160 484@130 MIMO	5250	Sum	99.3	0.03	0.35
NVNT	be160 966@134 SISO	5250	Ant12	98.55	0.06	0.74
NVNT	be160 966@134 SISO	5250	Ant13	98.55	0.06	0.74
NVNT	be160 966@134 MIMO	5250	Sum	98.55	0.06	0.74
NVNT	be20 26@0 SISO	5180	Ant13	99.9	0	0
NVNT	be20 26@0 SISO	5220	Ant13	99.61	0.02	0.2
NVNT	be20 26@0 SISO	5240	Ant13	99.9	0	0
NVNT	be20 26@0 SISO	5260	Ant13	99.61	0.02	0.2
NVNT	be20 26@0 SISO	5300	Ant13	99.61	0.02	0.2
NVNT	be20 26@0 SISO	5320	Ant13	99.61	0.02	0.2
NVNT	be20 26@0 SISO	5500	Ant13	99.9	0	0
NVNT	be20 26@0 SISO	5600	Ant13	99.61	0.02	0.2
NVNT	be20 26@0 SISO	5700	Ant13	99.9	0	0
NVNT	be20 26@0 SISO	5745	Ant13	99.61	0.02	0.2
NVNT	be20 26@0 SISO	5785	Ant13	99.61	0.02	0.2
NVNT	be20 26@0 SISO	5825	Ant13	99.9	0	0
NVNT	be20 26@0 MIMO	5180	Sum	99.61	0.02	0.2
NVNT	be20 26@0 MIMO	5220	Sum	99.9	0	0
NVNT	be20 26@0 MIMO	5240	Sum	99.61	0.02	0.2
NVNT	be20 26@0 MIMO	5260	Sum	99.61	0.02	0.2
NVNT	be20 26@0 MIMO	5300	Sum	99.9	0	0
NVNT	be20 26@0 MIMO	5320	Sum	99.61	0.02	0.2
NVNT	be20 26@0 MIMO	5500	Sum	99.61	0.02	0.2
NVNT	be20 26@0 MIMO	5600	Sum	99.9	0	0
NVNT	be20 26@0 MIMO	5700	Sum	99.9	0	0
NVNT	be20 26@0 MIMO	5745	Sum	99.61	0.02	0.2
NVNT	be20 26@0 MIMO	5785	Sum	99.9	0	0
NVNT	be20 26@0 MIMO	5825	Sum	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5180	Ant12	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5220	Ant12	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5240	Ant12	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5260	Ant12	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5300	Ant12	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5320	Ant12	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5500	Ant12	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5600	Ant12	99.61	0.02	0.2



NVNT	be20 52@37 SISO	5700	Ant12	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5745	Ant12	99.9	0	0
NVNT	be20 52@37 SISO	5785	Ant12	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5825	Ant12	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5180	Ant13	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5220	Ant13	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5240	Ant13	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5260	Ant13	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5300	Ant13	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5320	Ant13	99.9	0	0
NVNT	be20 52@37 SISO	5500	Ant13	99.9	0	0
NVNT	be20 52@37 SISO	5600	Ant13	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5700	Ant13	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5745	Ant13	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5785	Ant13	99.61	0.02	0.2
NVNT	be20 52@37 SISO	5825	Ant13	99.9	0	0
NVNT	be20 52@37 MIMO	5180	Sum	99.61	0.02	0.2
NVNT	be20 52@37 MIMO	5220	Sum	99.61	0.02	0.2
NVNT	be20 52@37 MIMO	5240	Sum	99.61	0.02	0.2
NVNT	be20 52@37 MIMO	5260	Sum	99.9	0	0
NVNT	be20 52@37 MIMO	5300	Sum	99.9	0	0
NVNT	be20 52@37 MIMO	5320	Sum	99.61	0.02	0.2
NVNT	be20 52@37 MIMO	5500	Sum	99.61	0.02	0.2
NVNT	be20 52@37 MIMO	5600	Sum	99.9	0	0
NVNT	be20 52@37 MIMO	5700	Sum	99.61	0.02	0.2
NVNT	be20 52@37 MIMO	5745	Sum	99.61	0.02	0.2
NVNT	be20 52@37 MIMO	5785	Sum	99.61	0.02	0.2
NVNT	be20 52@37 MIMO	5825	Sum	99.9	0	0
NVNT	be40 106@53 SISO	5190	Ant12	99.58	0.02	0.21
NVNT	be40 106@53 SISO	5190	Ant13	99.9	0	0
NVNT	be40 106@53 MIMO	5190	Sum	99.58	0.02	0.21
NVNT	be40 242@61 SISO	5190	Ant12	99.27	0.03	0.37
NVNT	be40 242@61 SISO	5190	Ant13	99.64	0.02	0.18
NVNT	be40 242@61 MIMO	5190	Sum	99.27	0.03	0.37
NVNT	be40 26@0 SISO	5190	Ant12	99.9	0	0
NVNT	be40 26@0 SISO	5190	Ant13	99.61	0.02	0.2
NVNT	be40 26@0 MIMO	5190	Sum	99.9	0	0
NVNT	be40 52@37 SISO	5190	Ant12	99.61	0.02	0.2



NVNT	be40 52@37 SISO	5190	Ant13	99.9	0	0
NVNT	be40 52@37 MIMO	5190	Sum	99.9	0	0
NVNT	be80 106@53 SISO	5210	Ant12	99.58	0.02	0.21
NVNT	be80 106@53 SISO	5210	Ant13	99.58	0.02	0.21
NVNT	be80 106@53 MIMO	5210	Sum	99.9	0	0
NVNT	be80 242@61 SISO	5210	Ant12	99.28	0.03	0.36
NVNT	be80 242@61 SISO	5210	Ant13	99.27	0.03	0.37
NVNT	be80 242@61 MIMO	5210	Sum	99.28	0.03	0.36
NVNT	be80 26@0 SISO	5210	Ant12	99.9	0	0
NVNT	be80 26@0 SISO	5210	Ant13	99.61	0.02	0.2
NVNT	be80 26@0 MIMO	5210	Sum	99.9	0	0
NVNT	be80 484@65 SISO	5210	Ant12	98.59	0.06	0.71
NVNT	be80 484@65 SISO	5210	Ant13	98.59	0.06	0.71
NVNT	be80 484@65 MIMO	5210	Sum	98.59	0.06	0.71
NVNT	be80 52@37 SISO	5210	Ant12	99.9	0	0
NVNT	be80 52@37 SISO	5210	Ant13	99.9	0	0
NVNT	be80 52@37 MIMO	5210	Sum	99.61	0.02	0.2

**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	Ant12	15.01	0.0317	24	Pass
NVNT	a SISO	5220	Ant12	16.47	0.04436	24	Pass
NVNT	a SISO	5240	Ant12	15.16	0.03281	24	Pass
NVNT	a SISO	5260	Ant12	15.79	0.03793	24	Pass
NVNT	a SISO	5300	Ant12	15.27	0.03365	24	Pass
NVNT	a SISO	5320	Ant12	15.35	0.03428	24	Pass
NVNT	a SISO	5500	Ant12	16.17	0.0414	24	Pass
NVNT	a SISO	5580	Ant12	16.39	0.04355	24	Pass
NVNT	a SISO	5700	Ant12	15.8	0.03802	24	Pass
NVNT	a SISO	5745	Ant12	17.26	0.05321	30	Pass
NVNT	a SISO	5785	Ant12	17.23	0.05284	30	Pass
NVNT	a SISO	5825	Ant12	17.31	0.05383	30	Pass
NVNT	a SISO	5180	Ant13	15.44	0.03499	24	Pass
NVNT	a SISO	5220	Ant13	16.54	0.04508	24	Pass
NVNT	a SISO	5240	Ant13	15.47	0.03524	24	Pass
NVNT	a SISO	5260	Ant13	15.38	0.03451	24	Pass
NVNT	a SISO	5300	Ant13	15.36	0.03436	24	Pass
NVNT	a SISO	5320	Ant13	15.43	0.03491	24	Pass
NVNT	a SISO	5500	Ant13	15.81	0.03811	24	Pass
NVNT	a SISO	5580	Ant13	16.26	0.04227	24	Pass
NVNT	a SISO	5700	Ant13	15.45	0.03508	24	Pass
NVNT	a SISO	5745	Ant13	17.5	0.05623	30	Pass
NVNT	a SISO	5785	Ant13	17.63	0.05794	30	Pass
NVNT	a SISO	5825	Ant13	17.3	0.0537	30	Pass
NVNT	n20 SISO	5180	Ant12	15.68	0.03698	24	Pass
NVNT	n20 SISO	5220	Ant12	16.69	0.04667	24	Pass
NVNT	n20 SISO	5240	Ant12	15.38	0.03451	24	Pass
NVNT	n20 SISO	5260	Ant12	15.84	0.03837	24	Pass
NVNT	n20 SISO	5300	Ant12	15.34	0.0342	24	Pass
NVNT	n20 SISO	5320	Ant12	14.97	0.03141	24	Pass
NVNT	n20 SISO	5500	Ant12	15.8	0.03802	24	Pass
NVNT	n20 SISO	5580	Ant12	15.13	0.03258	24	Pass
NVNT	n20 SISO	5700	Ant12	15.44	0.03499	24	Pass



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NVNT	n20 SISO	5745	Ant12	16.88	0.04875	30	Pass
NVNT	n20 SISO	5785	Ant12	16.82	0.04808	30	Pass
NVNT	n20 SISO	5825	Ant12	15.21	0.03319	30	Pass
NVNT	n20 SISO	5180	Ant13	15.45	0.03508	24	Pass
NVNT	n20 SISO	5220	Ant13	16.56	0.04529	24	Pass
NVNT	n20 SISO	5240	Ant13	15.51	0.03556	24	Pass
NVNT	n20 SISO	5260	Ant13	15.4	0.03467	24	Pass
NVNT	n20 SISO	5300	Ant13	15.4	0.03467	24	Pass
NVNT	n20 SISO	5320	Ant13	15.45	0.03508	24	Pass
NVNT	n20 SISO	5500	Ant13	15.86	0.03855	24	Pass
NVNT	n20 SISO	5580	Ant13	15.57	0.03606	24	Pass
NVNT	n20 SISO	5700	Ant13	15.49	0.0354	24	Pass
NVNT	n20 SISO	5745	Ant13	17.55	0.05689	30	Pass
NVNT	n20 SISO	5785	Ant13	17.74	0.05943	30	Pass
NVNT	n20 SISO	5825	Ant13	17.25	0.05309	30	Pass
NVNT	n20 MIMO	5180	Ant12	15.31	0.03396	24	Pass
NVNT	n20 MIMO	5180	Ant13	15.53	0.03573	24	Pass
NVNT	n20 MIMO	5180	Sum	18.43	0.06969	24	Pass
NVNT	n20 MIMO	5220	Ant12	16.25	0.04217	24	Pass
NVNT	n20 MIMO	5220	Ant13	16.56	0.04529	24	Pass
NVNT	n20 MIMO	5220	Sum	19.42	0.08746	24	Pass
NVNT	n20 MIMO	5240	Ant12	14.91	0.03097	24	Pass
NVNT	n20 MIMO	5240	Ant13	15.54	0.03581	24	Pass
NVNT	n20 MIMO	5240	Sum	18.25	0.06678	24	Pass
NVNT	n20 MIMO	5260	Ant12	15.57	0.03606	24	Pass
NVNT	n20 MIMO	5260	Ant13	15.34	0.0342	24	Pass
NVNT	n20 MIMO	5260	Sum	18.47	0.07026	24	Pass
NVNT	n20 MIMO	5300	Ant12	15.2	0.03311	24	Pass
NVNT	n20 MIMO	5300	Ant13	15.45	0.03508	24	Pass
NVNT	n20 MIMO	5300	Sum	18.34	0.06819	24	Pass
NVNT	n20 MIMO	5320	Ant12	15.18	0.03296	24	Pass
NVNT	n20 MIMO	5320	Ant13	15.5	0.03548	24	Pass
NVNT	n20 MIMO	5320	Sum	18.35	0.06844	24	Pass
NVNT	n20 MIMO	5500	Ant12	15.78	0.03784	24	Pass
NVNT	n20 MIMO	5500	Ant13	15.74	0.0375	24	Pass
NVNT	n20 MIMO	5500	Sum	18.77	0.07534	24	Pass
NVNT	n20 MIMO	5580	Ant12	16.04	0.04018	24	Pass
NVNT	n20 MIMO	5580	Ant13	16.33	0.04295	24	Pass



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NVNT	n20 MIMO	5580	Sum	19.2	0.08313	24	Pass
NVNT	n20 MIMO	5700	Ant12	15.61	0.03639	24	Pass
NVNT	n20 MIMO	5700	Ant13	15.31	0.03396	24	Pass
NVNT	n20 MIMO	5700	Sum	18.47	0.07035	24	Pass
NVNT	n20 MIMO	5745	Ant12	16.89	0.04887	30	Pass
NVNT	n20 MIMO	5745	Ant13	17.56	0.05702	30	Pass
NVNT	n20 MIMO	5745	Sum	20.25	0.10588	30	Pass
NVNT	n20 MIMO	5785	Ant12	16.9	0.04898	30	Pass
NVNT	n20 MIMO	5785	Ant13	17.7	0.05888	30	Pass
NVNT	n20 MIMO	5785	Sum	20.33	0.10786	30	Pass
NVNT	n20 MIMO	5825	Ant12	17.13	0.05164	30	Pass
NVNT	n20 MIMO	5825	Ant13	17.25	0.05309	30	Pass
NVNT	n20 MIMO	5825	Sum	20.2	0.10473	30	Pass
NVNT	n40 SISO	5190	Ant12	14.66	0.02924	24	Pass
NVNT	n40 SISO	5230	Ant12	16.82	0.04808	24	Pass
NVNT	n40 SISO	5270	Ant12	17.15	0.05188	24	Pass
NVNT	n40 SISO	5310	Ant12	13.7	0.02344	24	Pass
NVNT	n40 SISO	5510	Ant12	13.78	0.02388	24	Pass
NVNT	n40 SISO	5550	Ant12	16.67	0.04645	24	Pass
NVNT	n40 SISO	5670	Ant12	17.04	0.05058	24	Pass
NVNT	n40 SISO	5755	Ant12	17.77	0.05984	30	Pass
NVNT	n40 SISO	5795	Ant12	17.55	0.05689	30	Pass
NVNT	n40 SISO	5190	Ant13	14.69	0.02944	24	Pass
NVNT	n40 SISO	5230	Ant13	17.15	0.05188	24	Pass
NVNT	n40 SISO	5270	Ant13	17.15	0.05188	24	Pass
NVNT	n40 SISO	5310	Ant13	14.06	0.02547	24	Pass
NVNT	n40 SISO	5510	Ant13	14.32	0.02704	24	Pass
NVNT	n40 SISO	5550	Ant13	17.01	0.05023	24	Pass
NVNT	n40 SISO	5670	Ant13	17.31	0.05383	24	Pass
NVNT	n40 SISO	5755	Ant13	18.19	0.06592	30	Pass
NVNT	n40 SISO	5795	Ant13	17.95	0.06237	30	Pass
NVNT	n40 MIMO	5190	Ant12	14.61	0.02891	24	Pass
NVNT	n40 MIMO	5190	Ant13	14.75	0.02985	24	Pass
NVNT	n40 MIMO	5190	Sum	17.69	0.05876	24	Pass
NVNT	n40 MIMO	5230	Ant12	16.95	0.04955	24	Pass
NVNT	n40 MIMO	5230	Ant13	17.16	0.052	24	Pass
NVNT	n40 MIMO	5230	Sum	20.07	0.10154	24	Pass
NVNT	n40 MIMO	5270	Ant12	17.26	0.05321	24	Pass



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NVNT	n40 MIMO	5270	Ant13	17.31	0.05383	24	Pass
NVNT	n40 MIMO	5270	Sum	20.3	0.10704	24	Pass
NVNT	n40 MIMO	5310	Ant12	13.69	0.02339	24	Pass
NVNT	n40 MIMO	5310	Ant13	14.18	0.02618	24	Pass
NVNT	n40 MIMO	5310	Sum	16.95	0.04957	24	Pass
NVNT	n40 MIMO	5510	Ant12	13.87	0.02438	24	Pass
NVNT	n40 MIMO	5510	Ant13	14.31	0.02698	24	Pass
NVNT	n40 MIMO	5510	Sum	17.11	0.05136	24	Pass
NVNT	n40 MIMO	5550	Ant12	16.75	0.04732	24	Pass
NVNT	n40 MIMO	5550	Ant13	17.01	0.05023	24	Pass
NVNT	n40 MIMO	5550	Sum	19.89	0.09755	24	Pass
NVNT	n40 MIMO	5670	Ant12	17.18	0.05224	24	Pass
NVNT	n40 MIMO	5670	Ant13	17.42	0.05521	24	Pass
NVNT	n40 MIMO	5670	Sum	20.31	0.10745	24	Pass
NVNT	n40 MIMO	5755	Ant12	17.89	0.06152	30	Pass
NVNT	n40 MIMO	5755	Ant13	18.18	0.06577	30	Pass
NVNT	n40 MIMO	5755	Sum	21.05	0.12728	30	Pass
NVNT	n40 MIMO	5795	Ant12	17.68	0.05861	30	Pass
NVNT	n40 MIMO	5795	Ant13	18.05	0.06383	30	Pass
NVNT	n40 MIMO	5795	Sum	20.88	0.12244	30	Pass
NVNT	ac20 SISO	5180	Ant12	15.17	0.03289	24	Pass
NVNT	ac20 SISO	5220	Ant12	16.26	0.04227	24	Pass
NVNT	ac20 SISO	5240	Ant12	14.87	0.03069	24	Pass
NVNT	ac20 SISO	5260	Ant12	15.48	0.03532	24	Pass
NVNT	ac20 SISO	5300	Ant12	15.18	0.03296	24	Pass
NVNT	ac20 SISO	5320	Ant12	15.09	0.03228	24	Pass
NVNT	ac20 SISO	5500	Ant12	15.9	0.0389	24	Pass
NVNT	ac20 SISO	5580	Ant12	16.13	0.04102	24	Pass
NVNT	ac20 SISO	5700	Ant12	15.47	0.03524	24	Pass
NVNT	ac20 SISO	5745	Ant12	16.94	0.04943	30	Pass
NVNT	ac20 SISO	5785	Ant12	16.93	0.04932	30	Pass
NVNT	ac20 SISO	5825	Ant12	17.21	0.0526	30	Pass
NVNT	ac20 SISO	5180	Ant13	15.42	0.03483	24	Pass
NVNT	ac20 SISO	5220	Ant13	16.58	0.0455	24	Pass
NVNT	ac20 SISO	5240	Ant13	15.5	0.03548	24	Pass
NVNT	ac20 SISO	5260	Ant13	15.4	0.03467	24	Pass
NVNT	ac20 SISO	5300	Ant13	15.39	0.03459	24	Pass
NVNT	ac20 SISO	5320	Ant13	15.47	0.03524	24	Pass



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NVNT	ac20 SISO	5500	Ant13	15.84	0.03837	24	Pass
NVNT	ac20 SISO	5580	Ant13	16.28	0.04246	24	Pass
NVNT	ac20 SISO	5700	Ant13	15.51	0.03556	24	Pass
NVNT	ac20 SISO	5745	Ant13	17.51	0.05636	30	Pass
NVNT	ac20 SISO	5785	Ant13	17.61	0.05768	30	Pass
NVNT	ac20 SISO	5825	Ant13	17.29	0.05358	30	Pass
NVNT	ac20 MIMO	5180	Ant12	15.41	0.03475	24	Pass
NVNT	ac20 MIMO	5180	Ant13	15.5	0.03548	24	Pass
NVNT	ac20 MIMO	5180	Sum	18.47	0.07023	24	Pass
NVNT	ac20 MIMO	5220	Ant12	16.48	0.04446	24	Pass
NVNT	ac20 MIMO	5220	Ant13	16.53	0.04498	24	Pass
NVNT	ac20 MIMO	5220	Sum	19.52	0.08944	24	Pass
NVNT	ac20 MIMO	5240	Ant12	15.13	0.03258	24	Pass
NVNT	ac20 MIMO	5240	Ant13	15.42	0.03483	24	Pass
NVNT	ac20 MIMO	5240	Sum	18.29	0.06742	24	Pass
NVNT	ac20 MIMO	5260	Ant12	15.83	0.03828	24	Pass
NVNT	ac20 MIMO	5260	Ant13	15.3	0.03388	24	Pass
NVNT	ac20 MIMO	5260	Sum	18.58	0.07217	24	Pass
NVNT	ac20 MIMO	5300	Ant12	15.46	0.03516	24	Pass
NVNT	ac20 MIMO	5300	Ant13	15.39	0.03459	24	Pass
NVNT	ac20 MIMO	5300	Sum	18.44	0.06975	24	Pass
NVNT	ac20 MIMO	5320	Ant12	15.35	0.03428	24	Pass
NVNT	ac20 MIMO	5320	Ant13	15.47	0.03524	24	Pass
NVNT	ac20 MIMO	5320	Sum	18.42	0.06951	24	Pass
NVNT	ac20 MIMO	5500	Ant12	16.04	0.04018	24	Pass
NVNT	ac20 MIMO	5500	Ant13	15.76	0.03767	24	Pass
NVNT	ac20 MIMO	5500	Sum	18.91	0.07785	24	Pass
NVNT	ac20 MIMO	5580	Ant12	16.39	0.04355	24	Pass
NVNT	ac20 MIMO	5580	Ant13	16.3	0.04266	24	Pass
NVNT	ac20 MIMO	5580	Sum	19.36	0.08621	24	Pass
NVNT	ac20 MIMO	5700	Ant12	15.74	0.0375	24	Pass
NVNT	ac20 MIMO	5700	Ant13	15.31	0.03396	24	Pass
NVNT	ac20 MIMO	5700	Sum	18.54	0.07146	24	Pass
NVNT	ac20 MIMO	5745	Ant12	17.17	0.05212	30	Pass
NVNT	ac20 MIMO	5745	Ant13	17.46	0.05572	30	Pass
NVNT	ac20 MIMO	5745	Sum	20.33	0.10784	30	Pass
NVNT	ac20 MIMO	5785	Ant12	17.19	0.05236	30	Pass
NVNT	ac20 MIMO	5785	Ant13	17.65	0.05821	30	Pass



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NVNT	ac20 MIMO	5785	Sum	20.44	0.11057	30	Pass
NVNT	ac20 MIMO	5825	Ant12	17.42	0.05521	30	Pass
NVNT	ac20 MIMO	5825	Ant13	17.17	0.05212	30	Pass
NVNT	ac20 MIMO	5825	Sum	20.31	0.10733	30	Pass
NVNT	ac40 SISO	5190	Ant12	14.14	0.02594	24	Pass
NVNT	ac40 SISO	5230	Ant12	16.41	0.04375	24	Pass
NVNT	ac40 SISO	5270	Ant12	16.55	0.04519	24	Pass
NVNT	ac40 SISO	5310	Ant12	13.14	0.02061	24	Pass
NVNT	ac40 SISO	5510	Ant12	13.27	0.02123	24	Pass
NVNT	ac40 SISO	5550	Ant12	16.18	0.0415	24	Pass
NVNT	ac40 SISO	5670	Ant12	16.72	0.04699	24	Pass
NVNT	ac40 SISO	5755	Ant12	17.3	0.0537	30	Pass
NVNT	ac40 SISO	5795	Ant12	17.03	0.05047	30	Pass
NVNT	ac40 SISO	5190	Ant13	14.69	0.02944	24	Pass
NVNT	ac40 SISO	5230	Ant13	17.1	0.05129	24	Pass
NVNT	ac40 SISO	5270	Ant13	17.25	0.05309	24	Pass
NVNT	ac40 SISO	5310	Ant13	14.09	0.02564	24	Pass
NVNT	ac40 SISO	5510	Ant13	14.31	0.02698	24	Pass
NVNT	ac40 SISO	5550	Ant13	17	0.05012	24	Pass
NVNT	ac40 SISO	5670	Ant13	17.32	0.05395	24	Pass
NVNT	ac40 SISO	5755	Ant13	18.13	0.06501	30	Pass
NVNT	ac40 SISO	5795	Ant13	17.96	0.06252	30	Pass
NVNT	ac40 MIMO	5190	Ant12	14.61	0.02891	24	Pass
NVNT	ac40 MIMO	5190	Ant13	14.73	0.02972	24	Pass
NVNT	ac40 MIMO	5190	Sum	17.68	0.05862	24	Pass
NVNT	ac40 MIMO	5230	Ant12	16.81	0.04797	24	Pass
NVNT	ac40 MIMO	5230	Ant13	17.12	0.05152	24	Pass
NVNT	ac40 MIMO	5230	Sum	19.98	0.0995	24	Pass
NVNT	ac40 MIMO	5270	Ant12	17.16	0.052	24	Pass
NVNT	ac40 MIMO	5270	Ant13	17.27	0.05333	24	Pass
NVNT	ac40 MIMO	5270	Sum	20.23	0.10533	24	Pass
NVNT	ac40 MIMO	5310	Ant12	13.59	0.02286	24	Pass
NVNT	ac40 MIMO	5310	Ant13	14.14	0.02594	24	Pass
NVNT	ac40 MIMO	5310	Sum	16.88	0.0488	24	Pass
NVNT	ac40 MIMO	5510	Ant12	13.84	0.02421	24	Pass
NVNT	ac40 MIMO	5510	Ant13	14.28	0.02679	24	Pass
NVNT	ac40 MIMO	5510	Sum	17.08	0.051	24	Pass
NVNT	ac40 MIMO	5550	Ant12	16.57	0.04539	24	Pass



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NVNT	ac40 MIMO	5550	Ant13	16.94	0.04943	24	Pass
NVNT	ac40 MIMO	5550	Sum	19.77	0.09483	24	Pass
NVNT	ac40 MIMO	5670	Ant12	17.11	0.0514	24	Pass
NVNT	ac40 MIMO	5670	Ant13	17.4	0.05495	24	Pass
NVNT	ac40 MIMO	5670	Sum	20.27	0.10636	24	Pass
NVNT	ac40 MIMO	5755	Ant12	17.83	0.06067	30	Pass
NVNT	ac40 MIMO	5755	Ant13	18.14	0.06516	30	Pass
NVNT	ac40 MIMO	5755	Sum	21	0.12584	30	Pass
NVNT	ac40 MIMO	5795	Ant12	17.64	0.05808	30	Pass
NVNT	ac40 MIMO	5795	Ant13	18.04	0.06368	30	Pass
NVNT	ac40 MIMO	5795	Sum	20.86	0.12176	30	Pass
NVNT	ac80 SISO	5210	Ant12	14.76	0.02992	24	Pass
NVNT	ac80 SISO	5290	Ant12	14.57	0.02864	24	Pass
NVNT	ac80 SISO	5530	Ant12	15.56	0.03597	24	Pass
NVNT	ac80 SISO	5610	Ant12	16.66	0.04634	24	Pass
NVNT	ac80 SISO	5775	Ant12	17.76	0.0597	30	Pass
NVNT	ac80 SISO	5210	Ant13	15.2	0.03311	24	Pass
NVNT	ac80 SISO	5290	Ant13	15.05	0.03199	24	Pass
NVNT	ac80 SISO	5530	Ant13	15.84	0.03837	24	Pass
NVNT	ac80 SISO	5610	Ant13	16.68	0.04656	24	Pass
NVNT	ac80 SISO	5775	Ant13	16.89	0.04887	30	Pass
NVNT	ac80 MIMO	5210	Ant12	14.71	0.02958	24	Pass
NVNT	ac80 MIMO	5210	Ant13	15.17	0.03289	24	Pass
NVNT	ac80 MIMO	5210	Sum	17.96	0.06247	24	Pass
NVNT	ac80 MIMO	5290	Ant12	14.57	0.02864	24	Pass
NVNT	ac80 MIMO	5290	Ant13	14.98	0.03148	24	Pass
NVNT	ac80 MIMO	5290	Sum	17.79	0.06012	24	Pass
NVNT	ac80 MIMO	5530	Ant12	15.53	0.03573	24	Pass
NVNT	ac80 MIMO	5530	Ant13	15.77	0.03776	24	Pass
NVNT	ac80 MIMO	5530	Sum	18.66	0.07348	24	Pass
NVNT	ac80 MIMO	5610	Ant12	16.73	0.0471	24	Pass
NVNT	ac80 MIMO	5610	Ant13	16.61	0.04581	24	Pass
NVNT	ac80 MIMO	5610	Sum	19.68	0.09291	24	Pass
NVNT	ac80 MIMO	5775	Ant12	17.68	0.05861	30	Pass
NVNT	ac80 MIMO	5775	Ant13	17.78	0.05998	30	Pass
NVNT	ac80 MIMO	5775	Sum	20.74	0.11859	30	Pass
NVNT	ac160 SISO	5250	Ant12	14.05	0.02541	24	Pass
NVNT	ac160 SISO	5570	Ant12	11.14	0.013	24	Pass



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NVNT	ac160 SISO	5250	Ant13	14.13	0.02588	24	Pass
NVNT	ac160 SISO	5570	Ant13	11.35	0.01365	24	Pass
NVNT	ac160 MIMO	5250	Ant12	14.03	0.02529	24	Pass
NVNT	ac160 MIMO	5250	Ant13	14.14	0.02594	24	Pass
NVNT	ac160 MIMO	5250	Sum	17.1	0.05123	24	Pass
NVNT	ac160 MIMO	5570	Ant12	11.09	0.01285	24	Pass
NVNT	ac160 MIMO	5570	Ant13	11.33	0.01358	24	Pass
NVNT	ac160 MIMO	5570	Sum	14.22	0.02644	24	Pass
NVNT	ax20 SISO	5180	Ant12	15.33	0.03412	24	Pass
NVNT	ax20 SISO	5220	Ant12	16.36	0.04325	24	Pass
NVNT	ax20 SISO	5240	Ant12	15.07	0.03214	24	Pass
NVNT	ax20 SISO	5260	Ant12	15.67	0.0369	24	Pass
NVNT	ax20 SISO	5300	Ant12	15.23	0.03334	24	Pass
NVNT	ax20 SISO	5320	Ant12	15.21	0.03319	24	Pass
NVNT	ax20 SISO	5500	Ant12	15.92	0.03908	24	Pass
NVNT	ax20 SISO	5580	Ant12	16.19	0.04159	24	Pass
NVNT	ax20 SISO	5700	Ant12	15.58	0.03614	24	Pass
NVNT	ax20 SISO	5745	Ant12	16.99	0.05	30	Pass
NVNT	ax20 SISO	5785	Ant12	17.06	0.05082	30	Pass
NVNT	ax20 SISO	5825	Ant12	17.36	0.05445	30	Pass
NVNT	ax20 SISO	5180	Ant13	15.61	0.03639	24	Pass
NVNT	ax20 SISO	5220	Ant13	16.69	0.04667	24	Pass
NVNT	ax20 SISO	5240	Ant13	15.62	0.03648	24	Pass
NVNT	ax20 SISO	5260	Ant13	15.41	0.03475	24	Pass
NVNT	ax20 SISO	5300	Ant13	15.51	0.03556	24	Pass
NVNT	ax20 SISO	5320	Ant13	15.51	0.03556	24	Pass
NVNT	ax20 SISO	5500	Ant13	15.8	0.03802	24	Pass
NVNT	ax20 SISO	5580	Ant13	16.34	0.04305	24	Pass
NVNT	ax20 SISO	5700	Ant13	15.52	0.03565	24	Pass
NVNT	ax20 SISO	5745	Ant13	17.61	0.05768	30	Pass
NVNT	ax20 SISO	5785	Ant13	17.71	0.05902	30	Pass
NVNT	ax20 SISO	5825	Ant13	17.36	0.05445	30	Pass
NVNT	ax20 MIMO	5180	Ant12	15.58	0.03614	24	Pass
NVNT	ax20 MIMO	5180	Ant13	15.57	0.03606	24	Pass
NVNT	ax20 MIMO	5180	Sum	18.59	0.0722	24	Pass
NVNT	ax20 MIMO	5220	Ant12	16.62	0.04592	24	Pass
NVNT	ax20 MIMO	5220	Ant13	16.67	0.04645	24	Pass
NVNT	ax20 MIMO	5220	Sum	19.66	0.09237	24	Pass



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NVNT	ax20 MIMO	5240	Ant12	15.31	0.03396	24	Pass
NVNT	ax20 MIMO	5240	Ant13	15.64	0.03664	24	Pass
NVNT	ax20 MIMO	5240	Sum	18.49	0.07061	24	Pass
NVNT	ax20 MIMO	5260	Ant12	15.91	0.03899	24	Pass
NVNT	ax20 MIMO	5260	Ant13	15.44	0.03499	24	Pass
NVNT	ax20 MIMO	5260	Sum	18.69	0.07399	24	Pass
NVNT	ax20 MIMO	5300	Ant12	15.53	0.03573	24	Pass
NVNT	ax20 MIMO	5300	Ant13	15.55	0.03589	24	Pass
NVNT	ax20 MIMO	5300	Sum	18.55	0.07162	24	Pass
NVNT	ax20 MIMO	5320	Ant12	15.41	0.03475	24	Pass
NVNT	ax20 MIMO	5320	Ant13	15.57	0.03606	24	Pass
NVNT	ax20 MIMO	5320	Sum	18.5	0.07081	24	Pass
NVNT	ax20 MIMO	5500	Ant12	16.13	0.04102	24	Pass
NVNT	ax20 MIMO	5500	Ant13	15.84	0.03837	24	Pass
NVNT	ax20 MIMO	5500	Sum	19	0.07939	24	Pass
NVNT	ax20 MIMO	5580	Ant12	16.48	0.04446	24	Pass
NVNT	ax20 MIMO	5580	Ant13	16.41	0.04375	24	Pass
NVNT	ax20 MIMO	5580	Sum	19.46	0.08822	24	Pass
NVNT	ax20 MIMO	5700	Ant12	15.84	0.03837	24	Pass
NVNT	ax20 MIMO	5700	Ant13	15.4	0.03467	24	Pass
NVNT	ax20 MIMO	5700	Sum	18.64	0.07304	24	Pass
NVNT	ax20 MIMO	5745	Ant12	17.31	0.05383	30	Pass
NVNT	ax20 MIMO	5745	Ant13	17.64	0.05808	30	Pass
NVNT	ax20 MIMO	5745	Sum	20.49	0.1119	30	Pass
NVNT	ax20 MIMO	5785	Ant12	17.25	0.05309	30	Pass
NVNT	ax20 MIMO	5785	Ant13	17.7	0.05888	30	Pass
NVNT	ax20 MIMO	5785	Sum	20.49	0.11197	30	Pass
NVNT	ax20 MIMO	5825	Ant12	17.51	0.05636	30	Pass
NVNT	ax20 MIMO	5825	Ant13	17.33	0.05408	30	Pass
NVNT	ax20 MIMO	5825	Sum	20.43	0.11044	30	Pass
NVNT	ax40 SISO	5190	Ant12	14.74	0.02979	24	Pass
NVNT	ax40 SISO	5230	Ant12	16.82	0.04808	24	Pass
NVNT	ax40 SISO	5270	Ant12	17.13	0.05164	24	Pass
NVNT	ax40 SISO	5310	Ant12	13.6	0.02291	24	Pass
NVNT	ax40 SISO	5510	Ant12	13.74	0.02366	24	Pass
NVNT	ax40 SISO	5550	Ant12	16.65	0.04624	24	Pass
NVNT	ax40 SISO	5670	Ant12	17.16	0.052	24	Pass
NVNT	ax40 SISO	5755	Ant12	17.79	0.06012	30	Pass



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NVNT	ax40 SISO	5795	Ant12	17.58	0.05728	30	Pass
NVNT	ax40 SISO	5190	Ant13	14.72	0.02965	24	Pass
NVNT	ax40 SISO	5230	Ant13	17.1	0.05129	24	Pass
NVNT	ax40 SISO	5270	Ant13	17.23	0.05284	24	Pass
NVNT	ax40 SISO	5310	Ant13	14.09	0.02564	24	Pass
NVNT	ax40 SISO	5510	Ant13	14.31	0.02698	24	Pass
NVNT	ax40 SISO	5550	Ant13	17.02	0.05035	24	Pass
NVNT	ax40 SISO	5670	Ant13	17.36	0.05445	24	Pass
NVNT	ax40 SISO	5755	Ant13	18.11	0.06471	30	Pass
NVNT	ax40 SISO	5795	Ant13	18.06	0.06397	30	Pass
NVNT	ax40 MIMO	5190	Ant12	14.68	0.02938	24	Pass
NVNT	ax40 MIMO	5190	Ant13	14.84	0.03048	24	Pass
NVNT	ax40 MIMO	5190	Sum	17.77	0.05986	24	Pass
NVNT	ax40 MIMO	5230	Ant12	16.78	0.04764	24	Pass
NVNT	ax40 MIMO	5230	Ant13	17.17	0.05212	24	Pass
NVNT	ax40 MIMO	5230	Sum	19.99	0.09976	24	Pass
NVNT	ax40 MIMO	5270	Ant12	17.22	0.05272	24	Pass
NVNT	ax40 MIMO	5270	Ant13	17.33	0.05408	24	Pass
NVNT	ax40 MIMO	5270	Sum	20.29	0.1068	24	Pass
NVNT	ax40 MIMO	5310	Ant12	13.67	0.02328	24	Pass
NVNT	ax40 MIMO	5310	Ant13	14.11	0.02576	24	Pass
NVNT	ax40 MIMO	5310	Sum	16.91	0.04904	24	Pass
NVNT	ax40 MIMO	5510	Ant12	13.81	0.02404	24	Pass
NVNT	ax40 MIMO	5510	Ant13	14.37	0.02735	24	Pass
NVNT	ax40 MIMO	5510	Sum	17.11	0.0514	24	Pass
NVNT	ax40 MIMO	5550	Ant12	16.56	0.04529	24	Pass
NVNT	ax40 MIMO	5550	Ant13	17.01	0.05023	24	Pass
NVNT	ax40 MIMO	5550	Sum	19.8	0.09552	24	Pass
NVNT	ax40 MIMO	5670	Ant12	17.1	0.05129	24	Pass
NVNT	ax40 MIMO	5670	Ant13	17.37	0.05458	24	Pass
NVNT	ax40 MIMO	5670	Sum	20.25	0.10586	24	Pass
NVNT	ax40 MIMO	5755	Ant12	17.82	0.06053	30	Pass
NVNT	ax40 MIMO	5755	Ant13	18.12	0.06486	30	Pass
NVNT	ax40 MIMO	5755	Sum	20.98	0.1254	30	Pass
NVNT	ax40 MIMO	5795	Ant12	17.65	0.05821	30	Pass
NVNT	ax40 MIMO	5795	Ant13	18.13	0.06501	30	Pass
NVNT	ax40 MIMO	5795	Sum	20.91	0.12322	30	Pass
NVNT	ax80 SISO	5210	Ant12	14.91	0.03097	24	Pass



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NVNT	ax80 SISO	5290	Ant12	14.81	0.03027	24	Pass
NVNT	ax80 SISO	5530	Ant12	15.68	0.03698	24	Pass
NVNT	ax80 SISO	5610	Ant12	16.91	0.04909	24	Pass
NVNT	ax80 SISO	5775	Ant12	17.99	0.06295	30	Pass
NVNT	ax80 SISO	5210	Ant13	15.37	0.03443	24	Pass
NVNT	ax80 SISO	5290	Ant13	15.19	0.03304	24	Pass
NVNT	ax80 SISO	5530	Ant13	15.97	0.03954	24	Pass
NVNT	ax80 SISO	5610	Ant13	16.8	0.04786	24	Pass
NVNT	ax80 SISO	5775	Ant13	17.97	0.06266	30	Pass
NVNT	ax80 MIMO	5210	Ant12	14.77	0.02999	24	Pass
NVNT	ax80 MIMO	5210	Ant13	15.33	0.03412	24	Pass
NVNT	ax80 MIMO	5210	Sum	18.07	0.06411	24	Pass
NVNT	ax80 MIMO	5290	Ant12	14.71	0.02958	24	Pass
NVNT	ax80 MIMO	5290	Ant13	15.25	0.0335	24	Pass
NVNT	ax80 MIMO	5290	Sum	18	0.06308	24	Pass
NVNT	ax80 MIMO	5530	Ant12	15.58	0.03614	24	Pass
NVNT	ax80 MIMO	5530	Ant13	15.91	0.03899	24	Pass
NVNT	ax80 MIMO	5530	Sum	18.76	0.07514	24	Pass
NVNT	ax80 MIMO	5610	Ant12	16.91	0.04909	24	Pass
NVNT	ax80 MIMO	5610	Ant13	16.88	0.04875	24	Pass
NVNT	ax80 MIMO	5610	Sum	19.91	0.09784	24	Pass
NVNT	ax80 MIMO	5775	Ant12	17.92	0.06194	30	Pass
NVNT	ax80 MIMO	5775	Ant13	17.94	0.06223	30	Pass
NVNT	ax80 MIMO	5775	Sum	20.94	0.12417	30	Pass
NVNT	ax160 SISO	5250	Ant12	14.39	0.02748	24	Pass
NVNT	ax160 SISO	5570	Ant12	11.37	0.01371	24	Pass
NVNT	ax160 SISO	5250	Ant13	14.44	0.0278	24	Pass
NVNT	ax160 SISO	5570	Ant13	11.62	0.01452	24	Pass
NVNT	ax160 MIMO	5250	Ant12	14.43	0.02773	24	Pass
NVNT	ax160 MIMO	5250	Ant13	14.46	0.02793	24	Pass
NVNT	ax160 MIMO	5250	Sum	17.46	0.05566	24	Pass
NVNT	ax160 MIMO	5570	Ant12	11.46	0.014	24	Pass
NVNT	ax160 MIMO	5570	Ant13	11.68	0.01472	24	Pass
NVNT	ax160 MIMO	5570	Sum	14.58	0.02872	24	Pass
NVNT	be20 SISO	5180	Ant12	15.29	0.03381	24	Pass
NVNT	be20 SISO	5220	Ant12	16.31	0.04276	24	Pass
NVNT	be20 SISO	5240	Ant12	14.97	0.03141	24	Pass
NVNT	be20 SISO	5260	Ant12	15.65	0.03673	24	Pass



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NVNT	be20 SISO	5300	Ant12	15.28	0.03373	24	Pass
NVNT	be20 SISO	5320	Ant12	15.26	0.03357	24	Pass
NVNT	be20 SISO	5500	Ant12	15.97	0.03954	24	Pass
NVNT	be20 SISO	5580	Ant12	16.22	0.04188	24	Pass
NVNT	be20 SISO	5700	Ant12	15.65	0.03673	24	Pass
NVNT	be20 SISO	5745	Ant12	16.99	0.05	30	Pass
NVNT	be20 SISO	5785	Ant12	17.05	0.0507	30	Pass
NVNT	be20 SISO	5825	Ant12	17.2	0.05248	30	Pass
NVNT	be20 SISO	5180	Ant13	15.56	0.03597	24	Pass
NVNT	be20 SISO	5220	Ant13	16.64	0.04613	24	Pass
NVNT	be20 SISO	5240	Ant13	15.54	0.03581	24	Pass
NVNT	be20 SISO	5260	Ant13	15.42	0.03483	24	Pass
NVNT	be20 SISO	5300	Ant13	15.57	0.03606	24	Pass
NVNT	be20 SISO	5320	Ant13	15.61	0.03639	24	Pass
NVNT	be20 SISO	5500	Ant13	15.92	0.03908	24	Pass
NVNT	be20 SISO	5580	Ant13	16.44	0.04406	24	Pass
NVNT	be20 SISO	5700	Ant13	15.55	0.03589	24	Pass
NVNT	be20 SISO	5745	Ant13	17.66	0.05834	30	Pass
NVNT	be20 SISO	5785	Ant13	17.8	0.06026	30	Pass
NVNT	be20 SISO	5825	Ant13	17.43	0.05534	30	Pass
NVNT	be20 MIMO	5180	Ant12	15.57	0.03606	24	Pass
NVNT	be20 MIMO	5180	Ant13	15.58	0.03614	24	Pass
NVNT	be20 MIMO	5180	Sum	18.59	0.0722	24	Pass
NVNT	be20 MIMO	5220	Ant12	16.66	0.04634	24	Pass
NVNT	be20 MIMO	5220	Ant13	16.63	0.04603	24	Pass
NVNT	be20 MIMO	5220	Sum	19.66	0.09237	24	Pass
NVNT	be20 MIMO	5240	Ant12	15.39	0.03459	24	Pass
NVNT	be20 MIMO	5240	Ant13	15.56	0.03597	24	Pass
NVNT	be20 MIMO	5240	Sum	18.49	0.07057	24	Pass
NVNT	be20 MIMO	5260	Ant12	15.96	0.03945	24	Pass
NVNT	be20 MIMO	5260	Ant13	15.38	0.03451	24	Pass
NVNT	be20 MIMO	5260	Sum	18.69	0.07396	24	Pass
NVNT	be20 MIMO	5300	Ant12	15.52	0.03565	24	Pass
NVNT	be20 MIMO	5300	Ant13	15.5	0.03548	24	Pass
NVNT	be20 MIMO	5300	Sum	18.52	0.07113	24	Pass
NVNT	be20 MIMO	5320	Ant12	15.46	0.03516	24	Pass
NVNT	be20 MIMO	5320	Ant13	15.48	0.03532	24	Pass
NVNT	be20 MIMO	5320	Sum	18.48	0.07047	24	Pass



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NVNT	be20 MIMO	5500	Ant12	16.28	0.04246	24	Pass
NVNT	be20 MIMO	5500	Ant13	15.7	0.03715	24	Pass
NVNT	be20 MIMO	5500	Sum	19.01	0.07962	24	Pass
NVNT	be20 MIMO	5580	Ant12	16.43	0.04395	24	Pass
NVNT	be20 MIMO	5580	Ant13	16.2	0.04169	24	Pass
NVNT	be20 MIMO	5580	Sum	19.33	0.08564	24	Pass
NVNT	be20 MIMO	5700	Ant12	15.95	0.03936	24	Pass
NVNT	be20 MIMO	5700	Ant13	15.38	0.03451	24	Pass
NVNT	be20 MIMO	5700	Sum	18.68	0.07387	24	Pass
NVNT	be20 MIMO	5745	Ant12	17.37	0.05458	30	Pass
NVNT	be20 MIMO	5745	Ant13	17.11	0.0514	30	Pass
NVNT	be20 MIMO	5745	Sum	20.25	0.10598	30	Pass
NVNT	be20 MIMO	5785	Ant12	17.32	0.05395	30	Pass
NVNT	be20 MIMO	5785	Ant13	17.48	0.05598	30	Pass
NVNT	be20 MIMO	5785	Sum	20.41	0.10993	30	Pass
NVNT	be20 MIMO	5825	Ant12	17.54	0.05675	30	Pass
NVNT	be20 MIMO	5825	Ant13	17.21	0.0526	30	Pass
NVNT	be20 MIMO	5825	Sum	20.39	0.10936	30	Pass
NVNT	be40 SISO	5190	Ant12	14.47	0.02799	24	Pass
NVNT	be40 SISO	5230	Ant12	16.66	0.04634	24	Pass
NVNT	be40 SISO	5270	Ant12	16.93	0.04932	24	Pass
NVNT	be40 SISO	5310	Ant12	13.39	0.02183	24	Pass
NVNT	be40 SISO	5510	Ant12	13.56	0.0227	24	Pass
NVNT	be40 SISO	5550	Ant12	16.42	0.04385	24	Pass
NVNT	be40 SISO	5670	Ant12	16.9	0.04898	24	Pass
NVNT	be40 SISO	5755	Ant12	17.67	0.05848	30	Pass
NVNT	be40 SISO	5795	Ant12	17.31	0.05383	30	Pass
NVNT	be40 SISO	5190	Ant13	14.58	0.02871	24	Pass
NVNT	be40 SISO	5230	Ant13	16.89	0.04887	24	Pass
NVNT	be40 SISO	5270	Ant13	17.03	0.05047	24	Pass
NVNT	be40 SISO	5310	Ant13	13.92	0.02466	24	Pass
NVNT	be40 SISO	5510	Ant13	14.13	0.02588	24	Pass
NVNT	be40 SISO	5550	Ant13	16.81	0.04797	24	Pass
NVNT	be40 SISO	5670	Ant13	17.22	0.05272	24	Pass
NVNT	be40 SISO	5755	Ant13	17.89	0.06152	30	Pass
NVNT	be40 SISO	5795	Ant13	17.85	0.06095	30	Pass
NVNT	be40 MIMO	5190	Ant12	14.46	0.02793	24	Pass
NVNT	be40 MIMO	5190	Ant13	14.68	0.02938	24	Pass



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NVNT	be40 MIMO	5190	Sum	17.58	0.0573	24	Pass
NVNT	be40 MIMO	5230	Ant12	16.67	0.04645	24	Pass
NVNT	be40 MIMO	5230	Ant13	16.95	0.04955	24	Pass
NVNT	be40 MIMO	5230	Sum	19.82	0.096	24	Pass
NVNT	be40 MIMO	5270	Ant12	17.01	0.05023	24	Pass
NVNT	be40 MIMO	5270	Ant13	17.09	0.05117	24	Pass
NVNT	be40 MIMO	5270	Sum	20.06	0.1014	24	Pass
NVNT	be40 MIMO	5310	Ant12	13.44	0.02208	24	Pass
NVNT	be40 MIMO	5310	Ant13	13.96	0.02489	24	Pass
NVNT	be40 MIMO	5310	Sum	16.72	0.04697	24	Pass
NVNT	be40 MIMO	5510	Ant12	13.7	0.02344	24	Pass
NVNT	be40 MIMO	5510	Ant13	14.15	0.026	24	Pass
NVNT	be40 MIMO	5510	Sum	16.94	0.04944	24	Pass
NVNT	be40 MIMO	5550	Ant12	16.5	0.04467	24	Pass
NVNT	be40 MIMO	5550	Ant13	16.79	0.04775	24	Pass
NVNT	be40 MIMO	5550	Sum	19.66	0.09242	24	Pass
NVNT	be40 MIMO	5670	Ant12	17.05	0.0507	24	Pass
NVNT	be40 MIMO	5670	Ant13	17.23	0.05284	24	Pass
NVNT	be40 MIMO	5670	Sum	20.15	0.10354	24	Pass
NVNT	be40 MIMO	5755	Ant12	17.73	0.05929	30	Pass
NVNT	be40 MIMO	5755	Ant13	18.01	0.06324	30	Pass
NVNT	be40 MIMO	5755	Sum	20.88	0.12253	30	Pass
NVNT	be40 MIMO	5795	Ant12	17.55	0.05689	30	Pass
NVNT	be40 MIMO	5795	Ant13	17.87	0.06124	30	Pass
NVNT	be40 MIMO	5795	Sum	20.72	0.11812	30	Pass
NVNT	be80 SISO	5210	Ant12	14.97	0.03141	24	Pass
NVNT	be80 SISO	5290	Ant12	14.78	0.03006	24	Pass
NVNT	be80 SISO	5530	Ant12	15.73	0.03741	24	Pass
NVNT	be80 SISO	5610	Ant12	16.96	0.04966	24	Pass
NVNT	be80 SISO	5775	Ant12	17.93	0.06209	30	Pass
NVNT	be80 SISO	5210	Ant13	15.44	0.03499	24	Pass
NVNT	be80 SISO	5290	Ant13	15.22	0.03327	24	Pass
NVNT	be80 SISO	5530	Ant13	16	0.03981	24	Pass
NVNT	be80 SISO	5610	Ant13	16.85	0.04842	24	Pass
NVNT	be80 SISO	5775	Ant13	18.01	0.06324	30	Pass
NVNT	be80 MIMO	5210	Ant12	14.9	0.0309	24	Pass
NVNT	be80 MIMO	5210	Ant13	15.4	0.03467	24	Pass
NVNT	be80 MIMO	5210	Sum	18.17	0.06558	24	Pass



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NVNT	be80 MIMO	5290	Ant12	14.73	0.02972	24	Pass
NVNT	be80 MIMO	5290	Ant13	15.23	0.03334	24	Pass
NVNT	be80 MIMO	5290	Sum	18	0.06306	24	Pass
NVNT	be80 MIMO	5530	Ant12	15.69	0.03707	24	Pass
NVNT	be80 MIMO	5530	Ant13	16.02	0.03999	24	Pass
NVNT	be80 MIMO	5530	Sum	18.87	0.07706	24	Pass
NVNT	be80 MIMO	5610	Ant12	16.92	0.0492	24	Pass
NVNT	be80 MIMO	5610	Ant13	16.89	0.04887	24	Pass
NVNT	be80 MIMO	5610	Sum	19.92	0.09807	24	Pass
NVNT	be80 MIMO	5775	Ant12	17.87	0.06124	30	Pass
NVNT	be80 MIMO	5775	Ant13	18.04	0.06368	30	Pass
NVNT	be80 MIMO	5775	Sum	20.97	0.12491	30	Pass
NVNT	be160 SISO	5250	Ant12	13.64	0.02312	24	Pass
NVNT	be160 SISO	5570	Ant12	11.02	0.01265	24	Pass
NVNT	be160 SISO	5250	Ant13	13.79	0.02393	24	Pass
NVNT	be160 SISO	5570	Ant13	10.93	0.01239	24	Pass
NVNT	be160 MIMO	5250	Ant12	13.69	0.02339	24	Pass
NVNT	be160 MIMO	5250	Ant13	13.8	0.02399	24	Pass
NVNT	be160 MIMO	5250	Sum	16.76	0.04738	24	Pass
NVNT	be160 MIMO	5570	Ant12	10.7	0.01175	24	Pass
NVNT	be160 MIMO	5570	Ant13	10.93	0.01239	24	Pass
NVNT	be160 MIMO	5570	Sum	13.83	0.02414	24	Pass
NVNT	ax20 26@0 SISO	5180	Ant12	8.88	0.00773	24	Pass
NVNT	ax20 26@0 SISO	5220	Ant12	8.6	0.00724	24	Pass
NVNT	ax20 26@0 SISO	5240	Ant12	8.42	0.00695	24	Pass
NVNT	ax20 26@0 SISO	5260	Ant12	9	0.00794	24	Pass
NVNT	ax20 26@0 SISO	5300	Ant12	8.5	0.00708	24	Pass
NVNT	ax20 26@0 SISO	5320	Ant12	8.47	0.00703	24	Pass
NVNT	ax20 26@0 SISO	5500	Ant12	9.42	0.00875	24	Pass
NVNT	ax20 26@0 SISO	5580	Ant12	8.72	0.00745	24	Pass
NVNT	ax20 26@0 SISO	5700	Ant12	9.12	0.00817	24	Pass
NVNT	ax20 26@0 SISO	5745	Ant12	8.71	0.00743	30	Pass
NVNT	ax20 26@0 SISO	5785	Ant12	8.77	0.00753	30	Pass
NVNT	ax20 26@0 SISO	5825	Ant12	8.62	0.00728	30	Pass
NVNT	ax20 26@0 SISO	5180	Ant13	8.55	0.00716	24	Pass
NVNT	ax20 26@0 SISO	5220	Ant13	8.82	0.00762	24	Pass
NVNT	ax20 26@0 SISO	5240	Ant13	8.58	0.00721	24	Pass
NVNT	ax20 26@0 SISO	5260	Ant13	8.54	0.00714	24	Pass



NVNT	ax20 26@0 SISO	5300	Ant13	8.58	0.00721	24	Pass
NVNT	ax20 26@0 SISO	5320	Ant13	8.62	0.00728	24	Pass
NVNT	ax20 26@0 SISO	5500	Ant13	8.99	0.00793	24	Pass
NVNT	ax20 26@0 SISO	5580	Ant13	8.72	0.00745	24	Pass
NVNT	ax20 26@0 SISO	5700	Ant13	8.41	0.00693	24	Pass
NVNT	ax20 26@0 SISO	5745	Ant13	8.64	0.00731	30	Pass
NVNT	ax20 26@0 SISO	5785	Ant13	8.64	0.00731	30	Pass
NVNT	ax20 26@0 SISO	5825	Ant13	8.47	0.00703	30	Pass
NVNT	ax20 26@0 MIMO	5180	Ant12	8.87	0.00771	24	Pass
NVNT	ax20 26@0 MIMO	5180	Ant13	8.59	0.00723	24	Pass
NVNT	ax20 26@0 MIMO	5180	Sum	11.74	0.01494	24	Pass
NVNT	ax20 26@0 MIMO	5220	Ant12	8.46	0.00701	24	Pass
NVNT	ax20 26@0 MIMO	5220	Ant13	8.83	0.00764	24	Pass
NVNT	ax20 26@0 MIMO	5220	Sum	11.66	0.01465	24	Pass
NVNT	ax20 26@0 MIMO	5240	Ant12	8.39	0.0069	24	Pass
NVNT	ax20 26@0 MIMO	5240	Ant13	8.51	0.0071	24	Pass
NVNT	ax20 26@0 MIMO	5240	Sum	11.46	0.014	24	Pass
NVNT	ax20 26@0 MIMO	5260	Ant12	8.84	0.00766	24	Pass
NVNT	ax20 26@0 MIMO	5260	Ant13	8.48	0.00705	24	Pass
NVNT	ax20 26@0 MIMO	5260	Sum	11.67	0.0147	24	Pass
NVNT	ax20 26@0 MIMO	5300	Ant12	8.51	0.0071	24	Pass
NVNT	ax20 26@0 MIMO	5300	Ant13	8.58	0.00721	24	Pass
NVNT	ax20 26@0 MIMO	5300	Sum	11.56	0.01431	24	Pass
NVNT	ax20 26@0 MIMO	5320	Ant12	8.49	0.00706	24	Pass
NVNT	ax20 26@0 MIMO	5320	Ant13	8.69	0.0074	24	Pass
NVNT	ax20 26@0 MIMO	5320	Sum	11.6	0.01446	24	Pass
NVNT	ax20 26@0 MIMO	5500	Ant12	9.35	0.00861	24	Pass
NVNT	ax20 26@0 MIMO	5500	Ant13	8.81	0.0076	24	Pass
NVNT	ax20 26@0 MIMO	5500	Sum	12.1	0.01621	24	Pass
NVNT	ax20 26@0 MIMO	5580	Ant12	8.68	0.00738	24	Pass
NVNT	ax20 26@0 MIMO	5580	Ant13	8.59	0.00723	24	Pass
NVNT	ax20 26@0 MIMO	5580	Sum	11.65	0.01461	24	Pass
NVNT	ax20 26@0 MIMO	5700	Ant12	9.02	0.00798	24	Pass
NVNT	ax20 26@0 MIMO	5700	Ant13	8.32	0.00679	24	Pass
NVNT	ax20 26@0 MIMO	5700	Sum	11.69	0.01477	24	Pass
NVNT	ax20 26@0 MIMO	5745	Ant12	8.63	0.00729	30	Pass
NVNT	ax20 26@0 MIMO	5745	Ant13	8.55	0.00716	30	Pass
NVNT	ax20 26@0 MIMO	5745	Sum	11.6	0.01446	30	Pass



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NVNT	ax20 26@0 MIMO	5785	Ant12	8.63	0.00729	30	Pass
NVNT	ax20 26@0 MIMO	5785	Ant13	8.5	0.00708	30	Pass
NVNT	ax20 26@0 MIMO	5785	Sum	11.57	0.01437	30	Pass
NVNT	ax20 26@0 MIMO	5825	Ant12	8.51	0.0071	30	Pass
NVNT	ax20 26@0 MIMO	5825	Ant13	8.39	0.0069	30	Pass
NVNT	ax20 26@0 MIMO	5825	Sum	11.46	0.014	30	Pass
NVNT	ax20 52@37 SISO	5180	Ant12	12.39	0.01734	24	Pass
NVNT	ax20 52@37 SISO	5220	Ant12	12.19	0.01656	24	Pass
NVNT	ax20 52@37 SISO	5240	Ant12	11.98	0.01578	24	Pass
NVNT	ax20 52@37 SISO	5260	Ant12	12.58	0.01811	24	Pass
NVNT	ax20 52@37 SISO	5300	Ant12	12.09	0.01618	24	Pass
NVNT	ax20 52@37 SISO	5320	Ant12	12.13	0.01633	24	Pass
NVNT	ax20 52@37 SISO	5500	Ant12	13.04	0.02014	24	Pass
NVNT	ax20 52@37 SISO	5580	Ant12	12.01	0.01589	24	Pass
NVNT	ax20 52@37 SISO	5700	Ant12	12.34	0.01714	24	Pass
NVNT	ax20 52@37 SISO	5745	Ant12	11.88	0.01542	30	Pass
NVNT	ax20 52@37 SISO	5785	Ant12	11.91	0.01552	30	Pass
NVNT	ax20 52@37 SISO	5825	Ant12	12.09	0.01618	30	Pass
NVNT	ax20 52@37 SISO	5180	Ant13	11.83	0.01524	24	Pass
NVNT	ax20 52@37 SISO	5220	Ant13	11.95	0.01567	24	Pass
NVNT	ax20 52@37 SISO	5240	Ant13	11.76	0.015	24	Pass
NVNT	ax20 52@37 SISO	5260	Ant13	11.74	0.01493	24	Pass
NVNT	ax20 52@37 SISO	5300	Ant13	11.86	0.01535	24	Pass
NVNT	ax20 52@37 SISO	5320	Ant13	11.76	0.015	24	Pass
NVNT	ax20 52@37 SISO	5500	Ant13	12.06	0.01607	24	Pass
NVNT	ax20 52@37 SISO	5580	Ant13	11.8	0.01514	24	Pass
NVNT	ax20 52@37 SISO	5700	Ant13	11.6	0.01445	24	Pass
NVNT	ax20 52@37 SISO	5745	Ant13	11.84	0.01528	30	Pass
NVNT	ax20 52@37 SISO	5785	Ant13	11.87	0.01538	30	Pass
NVNT	ax20 52@37 SISO	5825	Ant13	11.74	0.01493	30	Pass
NVNT	ax20 52@37 MIMO	5180	Ant12	12.45	0.01758	24	Pass
NVNT	ax20 52@37 MIMO	5180	Ant13	11.78	0.01507	24	Pass
NVNT	ax20 52@37 MIMO	5180	Sum	15.14	0.03265	24	Pass
NVNT	ax20 52@37 MIMO	5220	Ant12	12.16	0.01644	24	Pass
NVNT	ax20 52@37 MIMO	5220	Ant13	12.02	0.01592	24	Pass
NVNT	ax20 52@37 MIMO	5220	Sum	15.1	0.03237	24	Pass
NVNT	ax20 52@37 MIMO	5240	Ant12	12.11	0.01626	24	Pass
NVNT	ax20 52@37 MIMO	5240	Ant13	11.78	0.01507	24	Pass



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NVNT	ax20 52@37 MIMO	5240	Sum	14.96	0.03132	24	Pass
NVNT	ax20 52@37 MIMO	5260	Ant12	12.48	0.0177	24	Pass
NVNT	ax20 52@37 MIMO	5260	Ant13	11.76	0.015	24	Pass
NVNT	ax20 52@37 MIMO	5260	Sum	15.15	0.0327	24	Pass
NVNT	ax20 52@37 MIMO	5300	Ant12	12.19	0.01656	24	Pass
NVNT	ax20 52@37 MIMO	5300	Ant13	11.78	0.01507	24	Pass
NVNT	ax20 52@37 MIMO	5300	Sum	15	0.03162	24	Pass
NVNT	ax20 52@37 MIMO	5320	Ant12	12.09	0.01618	24	Pass
NVNT	ax20 52@37 MIMO	5320	Ant13	11.79	0.0151	24	Pass
NVNT	ax20 52@37 MIMO	5320	Sum	14.95	0.03128	24	Pass
NVNT	ax20 52@37 MIMO	5500	Ant12	13.17	0.02075	24	Pass
NVNT	ax20 52@37 MIMO	5500	Ant13	11.99	0.01581	24	Pass
NVNT	ax20 52@37 MIMO	5500	Sum	15.63	0.03656	24	Pass
NVNT	ax20 52@37 MIMO	5580	Ant12	12	0.01585	24	Pass
NVNT	ax20 52@37 MIMO	5580	Ant13	11.72	0.01486	24	Pass
NVNT	ax20 52@37 MIMO	5580	Sum	14.87	0.03071	24	Pass
NVNT	ax20 52@37 MIMO	5700	Ant12	12.31	0.01702	24	Pass
NVNT	ax20 52@37 MIMO	5700	Ant13	11.56	0.01432	24	Pass
NVNT	ax20 52@37 MIMO	5700	Sum	14.96	0.03134	24	Pass
NVNT	ax20 52@37 MIMO	5745	Ant12	11.86	0.01535	30	Pass
NVNT	ax20 52@37 MIMO	5745	Ant13	11.86	0.01535	30	Pass
NVNT	ax20 52@37 MIMO	5745	Sum	14.87	0.03069	30	Pass
NVNT	ax20 52@37 MIMO	5785	Ant12	11.96	0.0157	30	Pass
NVNT	ax20 52@37 MIMO	5785	Ant13	11.85	0.01531	30	Pass
NVNT	ax20 52@37 MIMO	5785	Sum	14.92	0.03101	30	Pass
NVNT	ax20 52@37 MIMO	5825	Ant12	12.09	0.01618	30	Pass
NVNT	ax20 52@37 MIMO	5825	Ant13	11.74	0.01493	30	Pass
NVNT	ax20 52@37 MIMO	5825	Sum	14.93	0.03111	30	Pass
NVNT	ax20 106@53 SISO	5180	Ant12	14.85	0.03055	24	Pass
NVNT	ax20 106@53 SISO	5220	Ant12	14.61	0.02891	24	Pass
NVNT	ax20 106@53 SISO	5240	Ant12	14.4	0.02754	24	Pass
NVNT	ax20 106@53 SISO	5260	Ant12	15.01	0.0317	24	Pass
NVNT	ax20 106@53 SISO	5300	Ant12	14.41	0.02761	24	Pass
NVNT	ax20 106@53 SISO	5320	Ant12	14.48	0.02805	24	Pass
NVNT	ax20 106@53 SISO	5500	Ant12	15.39	0.03459	24	Pass
NVNT	ax20 106@53 SISO	5580	Ant12	14.79	0.03013	24	Pass
NVNT	ax20 106@53 SISO	5700	Ant12	15.12	0.03251	24	Pass
NVNT	ax20 106@53 SISO	5745	Ant12	14.57	0.02864	30	Pass



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NVNT	ax20 106@53 SISO	5785	Ant12	14.69	0.02944	30	Pass
NVNT	ax20 106@53 SISO	5825	Ant12	14.64	0.02911	30	Pass
NVNT	ax20 106@53 SISO	5180	Ant13	14.56	0.02858	24	Pass
NVNT	ax20 106@53 SISO	5220	Ant13	14.67	0.02931	24	Pass
NVNT	ax20 106@53 SISO	5240	Ant13	14.57	0.02864	24	Pass
NVNT	ax20 106@53 SISO	5260	Ant13	14.48	0.02805	24	Pass
NVNT	ax20 106@53 SISO	5300	Ant13	14.53	0.02838	24	Pass
NVNT	ax20 106@53 SISO	5320	Ant13	14.67	0.02931	24	Pass
NVNT	ax20 106@53 SISO	5500	Ant13	14.92	0.03105	24	Pass
NVNT	ax20 106@53 SISO	5580	Ant13	14.59	0.02877	24	Pass
NVNT	ax20 106@53 SISO	5700	Ant13	14.49	0.02812	24	Pass
NVNT	ax20 106@53 SISO	5745	Ant13	14.55	0.02851	30	Pass
NVNT	ax20 106@53 SISO	5785	Ant13	14.58	0.02871	30	Pass
NVNT	ax20 106@53 SISO	5825	Ant13	14.5	0.02818	30	Pass
NVNT	ax20 106@53 MIMO	5180	Ant12	14.93	0.03112	24	Pass
NVNT	ax20 106@53 MIMO	5180	Ant13	14.52	0.02831	24	Pass
NVNT	ax20 106@53 MIMO	5180	Sum	17.74	0.05943	24	Pass
NVNT	ax20 106@53 MIMO	5220	Ant12	14.65	0.02917	24	Pass
NVNT	ax20 106@53 MIMO	5220	Ant13	14.75	0.02985	24	Pass
NVNT	ax20 106@53 MIMO	5220	Sum	17.71	0.05903	24	Pass
NVNT	ax20 106@53 MIMO	5240	Ant12	14.48	0.02805	24	Pass
NVNT	ax20 106@53 MIMO	5240	Ant13	14.55	0.02851	24	Pass
NVNT	ax20 106@53 MIMO	5240	Sum	17.53	0.05656	24	Pass
NVNT	ax20 106@53 MIMO	5260	Ant12	15.02	0.03177	24	Pass
NVNT	ax20 106@53 MIMO	5260	Ant13	14.52	0.02831	24	Pass
NVNT	ax20 106@53 MIMO	5260	Sum	17.79	0.06008	24	Pass
NVNT	ax20 106@53 MIMO	5300	Ant12	14.46	0.02793	24	Pass
NVNT	ax20 106@53 MIMO	5300	Ant13	14.49	0.02812	24	Pass
NVNT	ax20 106@53 MIMO	5300	Sum	17.48	0.05604	24	Pass
NVNT	ax20 106@53 MIMO	5320	Ant12	14.48	0.02805	24	Pass
NVNT	ax20 106@53 MIMO	5320	Ant13	14.66	0.02924	24	Pass
NVNT	ax20 106@53 MIMO	5320	Sum	17.58	0.0573	24	Pass
NVNT	ax20 106@53 MIMO	5500	Ant12	15.39	0.03459	24	Pass
NVNT	ax20 106@53 MIMO	5500	Ant13	14.9	0.0309	24	Pass
NVNT	ax20 106@53 MIMO	5500	Sum	18.16	0.0655	24	Pass
NVNT	ax20 106@53 MIMO	5580	Ant12	14.81	0.03027	24	Pass
NVNT	ax20 106@53 MIMO	5580	Ant13	14.58	0.02871	24	Pass
NVNT	ax20 106@53 MIMO	5580	Sum	17.71	0.05898	24	Pass



NVNT	ax20 106@53 MIMO	5700	Ant12	15.15	0.03273	24	Pass
NVNT	ax20 106@53 MIMO	5700	Ant13	14.45	0.02786	24	Pass
NVNT	ax20 106@53 MIMO	5700	Sum	17.82	0.0606	24	Pass
NVNT	ax20 106@53 MIMO	5745	Ant12	14.65	0.02917	30	Pass
NVNT	ax20 106@53 MIMO	5745	Ant13	14.6	0.02884	30	Pass
NVNT	ax20 106@53 MIMO	5745	Sum	17.64	0.05801	30	Pass
NVNT	ax20 106@53 MIMO	5785	Ant12	14.59	0.02877	30	Pass
NVNT	ax20 106@53 MIMO	5785	Ant13	14.64	0.02911	30	Pass
NVNT	ax20 106@53 MIMO	5785	Sum	17.63	0.05788	30	Pass
NVNT	ax20 106@53 MIMO	5825	Ant12	14.62	0.02897	30	Pass
NVNT	ax20 106@53 MIMO	5825	Ant13	14.52	0.02831	30	Pass
NVNT	ax20 106@53 MIMO	5825	Sum	17.58	0.05729	30	Pass
NVNT	ax40 26@0 SISO	5190	Ant12	8.58	0.00721	24	Pass
NVNT	ax40 26@0 SISO	5190	Ant13	8.37	0.00687	24	Pass
NVNT	ax40 26@0 MIMO	5190	Ant12	8.61	0.00726	24	Pass
NVNT	ax40 26@0 MIMO	5190	Ant13	8.44	0.00698	24	Pass
NVNT	ax40 26@0 MIMO	5190	Sum	11.54	0.01424	24	Pass
NVNT	ax40 52@37 SISO	5190	Ant12	12.18	0.01652	24	Pass
NVNT	ax40 52@37 SISO	5190	Ant13	11.73	0.01489	24	Pass
NVNT	ax40 52@37 MIMO	5190	Ant12	12.14	0.01637	24	Pass
NVNT	ax40 52@37 MIMO	5190	Ant13	11.61	0.01449	24	Pass
NVNT	ax40 52@37 MIMO	5190	Sum	14.89	0.03086	24	Pass
NVNT	ax40 106@53 SISO	5190	Ant12	14.8	0.0302	24	Pass
NVNT	ax40 106@53 SISO	5190	Ant13	14.55	0.02851	24	Pass
NVNT	ax40 106@53 MIMO	5190	Ant12	14.77	0.02999	24	Pass
NVNT	ax40 106@53 MIMO	5190	Ant13	14.49	0.02812	24	Pass
NVNT	ax40 106@53 MIMO	5190	Sum	17.64	0.05811	24	Pass
NVNT	ax40 242@61 SISO	5190	Ant12	19.1	0.08128	24	Pass
NVNT	ax40 242@61 SISO	5190	Ant13	18.68	0.07379	24	Pass
NVNT	ax40 242@61 MIMO	5190	Ant12	19.06	0.08054	24	Pass
NVNT	ax40 242@61 MIMO	5190	Ant13	18.74	0.07482	24	Pass
NVNT	ax40 242@61 MIMO	5190	Sum	21.91	0.15535	24	Pass
NVNT	ax80 26@0 SISO	5210	Ant12	8.6	0.00724	24	Pass
NVNT	ax80 26@0 SISO	5210	Ant13	8.88	0.00773	24	Pass
NVNT	ax80 26@0 MIMO	5210	Ant12	8.54	0.00714	24	Pass
NVNT	ax80 26@0 MIMO	5210	Ant13	8.54	0.00714	24	Pass
NVNT	ax80 26@0 MIMO	5210	Sum	11.55	0.01429	24	Pass
NVNT	ax80 52@37 SISO	5210	Ant12	12.34	0.01714	24	Pass



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NVNT	ax80 52@37 SISO	5210	Ant13	12.19	0.01656	24	Pass
NVNT	ax80 52@37 MIMO	5210	Ant12	12.16	0.01644	24	Pass
NVNT	ax80 52@37 MIMO	5210	Ant13	12.14	0.01637	24	Pass
NVNT	ax80 52@37 MIMO	5210	Sum	15.16	0.03281	24	Pass
NVNT	ax80 106@53 SISO	5210	Ant12	14.84	0.03048	24	Pass
NVNT	ax80 106@53 SISO	5210	Ant13	14.85	0.03055	24	Pass
NVNT	ax80 106@53 MIMO	5210	Ant12	14.58	0.02871	24	Pass
NVNT	ax80 106@53 MIMO	5210	Ant13	14.59	0.02877	24	Pass
NVNT	ax80 106@53 MIMO	5210	Sum	17.6	0.05748	24	Pass
NVNT	ax80 242@61 SISO	5210	Ant12	19.09	0.0811	24	Pass
NVNT	ax80 242@61 SISO	5210	Ant13	18.98	0.07907	24	Pass
NVNT	ax80 242@61 MIMO	5210	Ant12	18.92	0.07798	24	Pass
NVNT	ax80 242@61 MIMO	5210	Ant13	18.92	0.07798	24	Pass
NVNT	ax80 242@61 MIMO	5210	Sum	21.93	0.15597	24	Pass
NVNT	ax80 484@65 SISO	5210	Ant12	19.1	0.08128	24	Pass
NVNT	ax80 484@65 SISO	5210	Ant13	18.89	0.07745	24	Pass
NVNT	ax80 484@65 MIMO	5210	Ant12	19.03	0.07998	24	Pass
NVNT	ax80 484@65 MIMO	5210	Ant13	18.84	0.07656	24	Pass
NVNT	ax80 484@65 MIMO	5210	Sum	21.95	0.15654	24	Pass
NVNT	ax160 26@0 SISO	5250	Ant12	8.75	0.0075	24	Pass
NVNT	ax160 26@0 SISO	5250	Ant13	7.78	0.006	24	Pass
NVNT	ax160 26@0 MIMO	5250	Ant12	8.86	0.00769	24	Pass
NVNT	ax160 26@0 MIMO	5250	Ant13	8.02	0.00634	24	Pass
NVNT	ax160 26@0 MIMO	5250	Sum	11.47	0.01403	24	Pass
NVNT	ax160 52@74 SISO	5250	Ant12	12.48	0.0177	24	Pass
NVNT	ax160 52@74 SISO	5250	Ant13	11.04	0.01271	24	Pass
NVNT	ax160 52@74 MIMO	5250	Ant12	12.48	0.0177	24	Pass
NVNT	ax160 52@74 MIMO	5250	Ant13	11.23	0.01327	24	Pass
NVNT	ax160 52@74 MIMO	5250	Sum	14.91	0.03098	24	Pass
NVNT	ax160 106@106 SISO	5250	Ant12	15.2	0.03311	24	Pass
NVNT	ax160 106@106 SISO	5250	Ant13	14.15	0.026	24	Pass
NVNT	ax160 106@106 MIMO	5250	Ant12	15.25	0.0335	24	Pass
NVNT	ax160 106@106 MIMO	5250	Ant13	14.27	0.02673	24	Pass
NVNT	ax160 106@106 MIMO	5250	Sum	17.8	0.06023	24	Pass
NVNT	ax160 242@122 SISO	5250	Ant12	19.49	0.08892	24	Pass
NVNT	ax160 242@122 SISO	5250	Ant13	18.05	0.06383	24	Pass
NVNT	ax160 242@122 MIMO	5250	Ant12	19.57	0.09057	24	Pass
NVNT	ax160 242@122 MIMO	5250	Ant13	18.27	0.06714	24	Pass



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NVNT	ax160 242@122 MIMO	5250	Sum	21.98	0.15772	24	Pass
NVNT	ax160 484@130 SISO	5250	Ant12	19.5	0.08913	24	Pass
NVNT	ax160 484@130 SISO	5250	Ant13	18.06	0.06397	24	Pass
NVNT	ax160 484@130 MIMO	5250	Ant12	19.5	0.08913	24	Pass
NVNT	ax160 484@130 MIMO	5250	Ant13	18.16	0.06546	24	Pass
NVNT	ax160 484@130 MIMO	5250	Sum	21.89	0.15459	24	Pass
NVNT	ax160 966@134 SISO	5250	Ant12	19.34	0.0859	24	Pass
NVNT	ax160 966@134 SISO	5250	Ant13	17.91	0.0618	24	Pass
NVNT	ax160 966@134 MIMO	5250	Ant12	19.35	0.0861	24	Pass
NVNT	ax160 966@134 MIMO	5250	Ant13	18.06	0.06397	24	Pass
NVNT	ax160 966@134 MIMO	5250	Sum	21.76	0.15007	24	Pass
NVNT	be20 26@0 SISO	5180	Ant12	8.83	0.00764	24	Pass
NVNT	be20 26@0 SISO	5220	Ant12	8.59	0.00723	24	Pass
NVNT	be20 26@0 SISO	5240	Ant12	8.41	0.00693	24	Pass
NVNT	be20 26@0 SISO	5260	Ant12	8.95	0.00785	23.93	Pass
NVNT	be20 26@0 SISO	5300	Ant12	8.44	0.00698	24	Pass
NVNT	be20 26@0 SISO	5320	Ant12	8.41	0.00693	24	Pass
NVNT	be20 26@0 SISO	5500	Ant12	9.42	0.00875	24	Pass
NVNT	be20 26@0 SISO	5580	Ant12	8.7	0.00741	24	Pass
NVNT	be20 26@0 SISO	5700	Ant12	9.07	0.00807	24	Pass
NVNT	be20 26@0 SISO	5745	Ant12	8.74	0.00748	30	Pass
NVNT	be20 26@0 SISO	5785	Ant12	8.66	0.00735	30	Pass
NVNT	be20 26@0 SISO	5825	Ant12	8.6	0.00724	30	Pass
NVNT	be20 26@0 SISO	5180	Ant13	8.51	0.0071	24	Pass
NVNT	be20 26@0 SISO	5220	Ant13	8.72	0.00745	24	Pass
NVNT	be20 26@0 SISO	5240	Ant13	8.59	0.00723	24	Pass
NVNT	be20 26@0 SISO	5260	Ant13	8.55	0.00716	24	Pass
NVNT	be20 26@0 SISO	5300	Ant13	8.62	0.00728	23.94	Pass
NVNT	be20 26@0 SISO	5320	Ant13	8.63	0.00729	24	Pass
NVNT	be20 26@0 SISO	5500	Ant13	8.97	0.00789	24	Pass
NVNT	be20 26@0 SISO	5580	Ant13	8.66	0.00735	23.89	Pass
NVNT	be20 26@0 SISO	5700	Ant13	8.55	0.00716	24	Pass
NVNT	be20 26@0 SISO	5745	Ant13	8.72	0.00745	30	Pass
NVNT	be20 26@0 SISO	5785	Ant13	8.68	0.00738	30	Pass
NVNT	be20 26@0 SISO	5825	Ant13	8.51	0.0071	30	Pass
NVNT	be20 26@0 MIMO	5180	Ant12	8.93	0.00782	24	Pass
NVNT	be20 26@0 MIMO	5180	Ant13	8.54	0.00714	24	Pass
NVNT	be20 26@0 MIMO	5180	Sum	11.75	0.01496	24	Pass



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NVNT	be20 26@0 MIMO	5220	Ant12	8.7	0.00741	24	Pass
NVNT	be20 26@0 MIMO	5220	Ant13	8.77	0.00753	24	Pass
NVNT	be20 26@0 MIMO	5220	Sum	11.75	0.01495	24	Pass
NVNT	be20 26@0 MIMO	5240	Ant12	8.41	0.00693	24	Pass
NVNT	be20 26@0 MIMO	5240	Ant13	8.46	0.00701	24	Pass
NVNT	be20 26@0 MIMO	5240	Sum	11.45	0.01395	24	Pass
NVNT	be20 26@0 MIMO	5260	Ant12	8.98	0.00791	24	Pass
NVNT	be20 26@0 MIMO	5260	Ant13	8.55	0.00716	24	Pass
NVNT	be20 26@0 MIMO	5260	Sum	11.78	0.01507	24	Pass
NVNT	be20 26@0 MIMO	5300	Ant12	8.47	0.00703	24	Pass
NVNT	be20 26@0 MIMO	5300	Ant13	8.52	0.00711	24	Pass
NVNT	be20 26@0 MIMO	5300	Sum	11.5	0.01414	24	Pass
NVNT	be20 26@0 MIMO	5320	Ant12	8.55	0.00716	24	Pass
NVNT	be20 26@0 MIMO	5320	Ant13	8.68	0.00738	24	Pass
NVNT	be20 26@0 MIMO	5320	Sum	11.63	0.01454	24	Pass
NVNT	be20 26@0 MIMO	5500	Ant12	9.44	0.00879	24	Pass
NVNT	be20 26@0 MIMO	5500	Ant13	8.89	0.00774	24	Pass
NVNT	be20 26@0 MIMO	5500	Sum	12.18	0.01653	24	Pass
NVNT	be20 26@0 MIMO	5580	Ant12	8.72	0.00745	24	Pass
NVNT	be20 26@0 MIMO	5580	Ant13	8.58	0.00721	24	Pass
NVNT	be20 26@0 MIMO	5580	Sum	11.66	0.01466	24	Pass
NVNT	be20 26@0 MIMO	5700	Ant12	9.12	0.00817	24	Pass
NVNT	be20 26@0 MIMO	5700	Ant13	8.29	0.00675	24	Pass
NVNT	be20 26@0 MIMO	5700	Sum	11.73	0.01491	24	Pass
NVNT	be20 26@0 MIMO	5745	Ant12	8.74	0.00748	30	Pass
NVNT	be20 26@0 MIMO	5745	Ant13	8.53	0.00713	30	Pass
NVNT	be20 26@0 MIMO	5745	Sum	11.65	0.01461	30	Pass
NVNT	be20 26@0 MIMO	5785	Ant12	8.61	0.00726	30	Pass
NVNT	be20 26@0 MIMO	5785	Ant13	8.6	0.00724	30	Pass
NVNT	be20 26@0 MIMO	5785	Sum	11.62	0.01451	30	Pass
NVNT	be20 26@0 MIMO	5825	Ant12	8.65	0.00733	30	Pass
NVNT	be20 26@0 MIMO	5825	Ant13	8.45	0.007	30	Pass
NVNT	be20 26@0 MIMO	5825	Sum	11.56	0.01433	30	Pass
NVNT	be20 52@37 SISO	5180	Ant12	12.38	0.0173	24	Pass
NVNT	be20 52@37 SISO	5220	Ant12	12.17	0.01648	24	Pass
NVNT	be20 52@37 SISO	5240	Ant12	12	0.01585	24	Pass
NVNT	be20 52@37 SISO	5260	Ant12	11.68	0.01472	24	Pass
NVNT	be20 52@37 SISO	5300	Ant12	12.09	0.01618	24	Pass



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NVNT	be20 52@37 SISO	5320	Ant12	12.04	0.016	24	Pass
NVNT	be20 52@37 SISO	5500	Ant12	12	0.01585	24	Pass
NVNT	be20 52@37 SISO	5580	Ant12	11.91	0.01552	24	Pass
NVNT	be20 52@37 SISO	5700	Ant12	12.32	0.01706	24	Pass
NVNT	be20 52@37 SISO	5745	Ant12	11.9	0.01549	30	Pass
NVNT	be20 52@37 SISO	5785	Ant12	11.9	0.01549	30	Pass
NVNT	be20 52@37 SISO	5825	Ant12	12.03	0.01596	30	Pass
NVNT	be20 52@37 SISO	5180	Ant13	11.87	0.01538	24	Pass
NVNT	be20 52@37 SISO	5220	Ant13	11.92	0.01556	24	Pass
NVNT	be20 52@37 SISO	5240	Ant13	11.78	0.01507	24	Pass
NVNT	be20 52@37 SISO	5260	Ant13	11.73	0.01489	24	Pass
NVNT	be20 52@37 SISO	5300	Ant13	11.83	0.01524	24	Pass
NVNT	be20 52@37 SISO	5320	Ant13	11.84	0.01528	24	Pass
NVNT	be20 52@37 SISO	5500	Ant13	12.08	0.01614	24	Pass
NVNT	be20 52@37 SISO	5580	Ant13	11.82	0.01521	24	Pass
NVNT	be20 52@37 SISO	5700	Ant13	11.66	0.01466	24	Pass
NVNT	be20 52@37 SISO	5745	Ant13	11.88	0.01542	30	Pass
NVNT	be20 52@37 SISO	5785	Ant13	11.9	0.01549	30	Pass
NVNT	be20 52@37 SISO	5825	Ant13	11.71	0.01483	30	Pass
NVNT	be20 52@37 MIMO	5180	Ant12	12.38	0.0173	24	Pass
NVNT	be20 52@37 MIMO	5180	Ant13	11.76	0.015	24	Pass
NVNT	be20 52@37 MIMO	5180	Sum	15.09	0.0323	24	Pass
NVNT	be20 52@37 MIMO	5220	Ant12	12.15	0.01641	24	Pass
NVNT	be20 52@37 MIMO	5220	Ant13	11.94	0.01563	24	Pass
NVNT	be20 52@37 MIMO	5220	Sum	15.06	0.03204	24	Pass
NVNT	be20 52@37 MIMO	5240	Ant12	11.97	0.01574	24	Pass
NVNT	be20 52@37 MIMO	5240	Ant13	11.68	0.01472	24	Pass
NVNT	be20 52@37 MIMO	5240	Sum	14.84	0.03046	24	Pass
NVNT	be20 52@37 MIMO	5260	Ant12	12.49	0.01774	24	Pass
NVNT	be20 52@37 MIMO	5260	Ant13	11.71	0.01483	24	Pass
NVNT	be20 52@37 MIMO	5260	Sum	15.13	0.03257	24	Pass
NVNT	be20 52@37 MIMO	5300	Ant12	12.04	0.016	24	Pass
NVNT	be20 52@37 MIMO	5300	Ant13	11.77	0.01503	24	Pass
NVNT	be20 52@37 MIMO	5300	Sum	14.92	0.03103	24	Pass
NVNT	be20 52@37 MIMO	5320	Ant12	12.07	0.01611	24	Pass
NVNT	be20 52@37 MIMO	5320	Ant13	11.77	0.01503	24	Pass
NVNT	be20 52@37 MIMO	5320	Sum	14.93	0.03114	24	Pass
NVNT	be20 52@37 MIMO	5500	Ant12	12.02	0.01592	24	Pass



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NVNT	be20 52@37 MIMO	5500	Ant13	10.79	0.01199	24	Pass
NVNT	be20 52@37 MIMO	5500	Sum	14.46	0.02792	24	Pass
NVNT	be20 52@37 MIMO	5580	Ant12	11.94	0.01563	24	Pass
NVNT	be20 52@37 MIMO	5580	Ant13	11.75	0.01496	24	Pass
NVNT	be20 52@37 MIMO	5580	Sum	14.86	0.03059	24	Pass
NVNT	be20 52@37 MIMO	5700	Ant12	12.3	0.01698	24	Pass
NVNT	be20 52@37 MIMO	5700	Ant13	11.5	0.01413	24	Pass
NVNT	be20 52@37 MIMO	5700	Sum	14.93	0.03111	24	Pass
NVNT	be20 52@37 MIMO	5745	Ant12	11.84	0.01528	30	Pass
NVNT	be20 52@37 MIMO	5745	Ant13	11.81	0.01517	30	Pass
NVNT	be20 52@37 MIMO	5745	Sum	14.84	0.03045	30	Pass
NVNT	be20 52@37 MIMO	5785	Ant12	11.94	0.01563	30	Pass
NVNT	be20 52@37 MIMO	5785	Ant13	11.83	0.01524	30	Pass
NVNT	be20 52@37 MIMO	5785	Sum	14.9	0.03087	30	Pass
NVNT	be20 52@37 MIMO	5825	Ant12	11.99	0.01581	30	Pass
NVNT	be20 52@37 MIMO	5825	Ant13	11.71	0.01483	30	Pass
NVNT	be20 52@37 MIMO	5825	Sum	14.86	0.03064	30	Pass
NVNT	be20 106@53 SISO	5180	Ant12	14.98	0.03148	24	Pass
NVNT	be20 106@53 SISO	5220	Ant12	14.64	0.02911	24	Pass
NVNT	be20 106@53 SISO	5240	Ant12	14.53	0.02838	24	Pass
NVNT	be20 106@53 SISO	5260	Ant12	14.96	0.03133	24	Pass
NVNT	be20 106@53 SISO	5300	Ant12	14.49	0.02812	24	Pass
NVNT	be20 106@53 SISO	5320	Ant12	14.42	0.02767	24	Pass
NVNT	be20 106@53 SISO	5500	Ant12	15.35	0.03428	24	Pass
NVNT	be20 106@53 SISO	5580	Ant12	14.76	0.02992	24	Pass
NVNT	be20 106@53 SISO	5700	Ant12	15.12	0.03251	23.75	Pass
NVNT	be20 106@53 SISO	5745	Ant12	14.59	0.02877	30	Pass
NVNT	be20 106@53 SISO	5785	Ant12	14.66	0.02924	30	Pass
NVNT	be20 106@53 SISO	5825	Ant12	14.68	0.02938	30	Pass
NVNT	be20 106@53 SISO	5180	Ant13	14.59	0.02877	24	Pass
NVNT	be20 106@53 SISO	5220	Ant13	14.71	0.02958	24	Pass
NVNT	be20 106@53 SISO	5240	Ant13	14.51	0.02825	24	Pass
NVNT	be20 106@53 SISO	5260	Ant13	14.54	0.02844	24	Pass
NVNT	be20 106@53 SISO	5300	Ant13	14.57	0.02864	24	Pass
NVNT	be20 106@53 SISO	5320	Ant13	14.64	0.02911	24	Pass
NVNT	be20 106@53 SISO	5500	Ant13	14.95	0.03126	24	Pass
NVNT	be20 106@53 SISO	5580	Ant13	14.65	0.02917	24	Pass
NVNT	be20 106@53 SISO	5700	Ant13	14.53	0.02838	24	Pass



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NVNT	be20 106@53 SISO	5745	Ant13	14.63	0.02904	30	Pass
NVNT	be20 106@53 SISO	5785	Ant13	14.66	0.02924	30	Pass
NVNT	be20 106@53 SISO	5825	Ant13	14.54	0.02844	30	Pass
NVNT	be20 106@53 MIMO	5180	Ant12	14.87	0.03069	24	Pass
NVNT	be20 106@53 MIMO	5180	Ant13	14.53	0.02838	24	Pass
NVNT	be20 106@53 MIMO	5180	Sum	17.71	0.05907	24	Pass
NVNT	be20 106@53 MIMO	5220	Ant12	14.62	0.02897	24	Pass
NVNT	be20 106@53 MIMO	5220	Ant13	14.7	0.02951	24	Pass
NVNT	be20 106@53 MIMO	5220	Sum	17.67	0.05849	24	Pass
NVNT	be20 106@53 MIMO	5240	Ant12	14.55	0.02851	24	Pass
NVNT	be20 106@53 MIMO	5240	Ant13	14.53	0.02838	24	Pass
NVNT	be20 106@53 MIMO	5240	Sum	17.55	0.05689	24	Pass
NVNT	be20 106@53 MIMO	5260	Ant12	14.93	0.03112	24	Pass
NVNT	be20 106@53 MIMO	5260	Ant13	14.54	0.02844	24	Pass
NVNT	be20 106@53 MIMO	5260	Sum	17.75	0.05956	24	Pass
NVNT	be20 106@53 MIMO	5300	Ant12	14.41	0.02761	24	Pass
NVNT	be20 106@53 MIMO	5300	Ant13	14.5	0.02818	24	Pass
NVNT	be20 106@53 MIMO	5300	Sum	17.47	0.05579	24	Pass
NVNT	be20 106@53 MIMO	5320	Ant12	14.49	0.02812	24	Pass
NVNT	be20 106@53 MIMO	5320	Ant13	14.65	0.02917	24	Pass
NVNT	be20 106@53 MIMO	5320	Sum	17.58	0.05729	24	Pass
NVNT	be20 106@53 MIMO	5500	Ant12	15.38	0.03451	24	Pass
NVNT	be20 106@53 MIMO	5500	Ant13	14.84	0.03048	24	Pass
NVNT	be20 106@53 MIMO	5500	Sum	18.13	0.06499	24	Pass
NVNT	be20 106@53 MIMO	5580	Ant12	14.79	0.03013	24	Pass
NVNT	be20 106@53 MIMO	5580	Ant13	14.45	0.02786	24	Pass
NVNT	be20 106@53 MIMO	5580	Sum	17.63	0.05799	24	Pass
NVNT	be20 106@53 MIMO	5700	Ant12	15.13	0.03258	24	Pass
NVNT	be20 106@53 MIMO	5700	Ant13	14.4	0.02754	24	Pass
NVNT	be20 106@53 MIMO	5700	Sum	17.79	0.06013	24	Pass
NVNT	be20 106@53 MIMO	5745	Ant12	14.55	0.02851	30	Pass
NVNT	be20 106@53 MIMO	5745	Ant13	14.66	0.02924	30	Pass
NVNT	be20 106@53 MIMO	5745	Sum	17.62	0.05775	30	Pass
NVNT	be20 106@53 MIMO	5785	Ant12	14.52	0.02831	30	Pass
NVNT	be20 106@53 MIMO	5785	Ant13	14.64	0.02911	30	Pass
NVNT	be20 106@53 MIMO	5785	Sum	17.59	0.05742	30	Pass
NVNT	be20 106@53 MIMO	5825	Ant12	14.57	0.02864	30	Pass
NVNT	be20 106@53 MIMO	5825	Ant13	14.53	0.02838	30	Pass



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NVNT	be20 106@53 MIMO	5825	Sum	17.56	0.05702	30	Pass
NVNT	be40 26@0 SISO	5190	Ant12	8.59	0.00723	24	Pass
NVNT	be40 26@0 SISO	5190	Ant13	8.33	0.00681	24	Pass
NVNT	be40 26@0 MIMO	5190	Ant12	8.61	0.00726	24	Pass
NVNT	be40 26@0 MIMO	5190	Ant13	8.36	0.00685	24	Pass
NVNT	be40 26@0 MIMO	5190	Sum	11.5	0.01412	24	Pass
NVNT	be40 52@37 SISO	5190	Ant12	12.18	0.01652	24	Pass
NVNT	be40 52@37 SISO	5190	Ant13	11.64	0.01459	24	Pass
NVNT	be40 52@37 MIMO	5190	Ant12	12.14	0.01637	24	Pass
NVNT	be40 52@37 MIMO	5190	Ant13	11.62	0.01452	24	Pass
NVNT	be40 52@37 MIMO	5190	Sum	14.9	0.03089	24	Pass
NVNT	be40 106@53 SISO	5190	Ant12	14.78	0.03006	24	Pass
NVNT	be40 106@53 SISO	5190	Ant13	14.5	0.02818	24	Pass
NVNT	be40 106@53 MIMO	5190	Ant12	14.83	0.03041	24	Pass
NVNT	be40 106@53 MIMO	5190	Ant13	14.51	0.02825	24	Pass
NVNT	be40 106@53 MIMO	5190	Sum	17.68	0.05866	24	Pass
NVNT	be40 242@61 SISO	5190	Ant12	19.09	0.0811	24	Pass
NVNT	be40 242@61 SISO	5190	Ant13	18.67	0.07362	24	Pass
NVNT	be40 242@61 MIMO	5190	Ant12	19.01	0.07962	24	Pass
NVNT	be40 242@61 MIMO	5190	Ant13	18.71	0.0743	24	Pass
NVNT	be40 242@61 MIMO	5190	Sum	21.87	0.15392	24	Pass
NVNT	be80 26@0 SISO	5210	Ant12	8.67	0.00736	24	Pass
NVNT	be80 26@0 SISO	5210	Ant13	8.91	0.00778	24	Pass
NVNT	be80 26@0 MIMO	5210	Ant12	8.44	0.00698	24	Pass
NVNT	be80 26@0 MIMO	5210	Ant13	8.41	0.00693	24	Pass
NVNT	be80 26@0 MIMO	5210	Sum	11.44	0.01392	24	Pass
NVNT	be80 52@37 SISO	5210	Ant12	12.33	0.0171	24	Pass
NVNT	be80 52@37 SISO	5210	Ant13	12.16	0.01644	24	Pass
NVNT	be80 52@37 MIMO	5210	Ant12	12.09	0.01618	24	Pass
NVNT	be80 52@37 MIMO	5210	Ant13	12.18	0.01652	24	Pass
NVNT	be80 52@37 MIMO	5210	Sum	15.15	0.0327	24	Pass
NVNT	be80 106@53 SISO	5210	Ant12	14.83	0.03041	24	Pass
NVNT	be80 106@53 SISO	5210	Ant13	14.93	0.03112	24	Pass
NVNT	be80 106@53 MIMO	5210	Ant12	14.68	0.02938	24	Pass
NVNT	be80 106@53 MIMO	5210	Ant13	14.57	0.02864	24	Pass
NVNT	be80 106@53 MIMO	5210	Sum	17.64	0.05802	24	Pass
NVNT	be80 242@61 SISO	5210	Ant12	19.15	0.08222	24	Pass
NVNT	be80 242@61 SISO	5210	Ant13	18.88	0.07727	24	Pass



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NVNT	be80 242@61 MIMO	5210	Ant12	18.83	0.07638	24	Pass
NVNT	be80 242@61 MIMO	5210	Ant13	19.08	0.08091	24	Pass
NVNT	be80 242@61 MIMO	5210	Sum	21.97	0.15729	24	Pass
NVNT	be80 484@65 SISO	5210	Ant12	19.07	0.08072	24	Pass
NVNT	be80 484@65 SISO	5210	Ant13	18.81	0.07603	24	Pass
NVNT	be80 484@65 MIMO	5210	Ant12	18.83	0.07638	24	Pass
NVNT	be80 484@65 MIMO	5210	Ant13	18.77	0.07534	24	Pass
NVNT	be80 484@65 MIMO	5210	Sum	21.81	0.15172	24	Pass
NVNT	be160 26@0 SISO	5250	Ant12	8.87	0.00771	24	Pass
NVNT	be160 26@0 SISO	5250	Ant13	7.88	0.00614	10	Pass
NVNT	be160 26@0 MIMO	5250	Ant12	8.91	0.00778	24	Pass
NVNT	be160 26@0 MIMO	5250	Ant13	7.79	0.00601	24	Pass
NVNT	be160 26@0 MIMO	5250	Sum	11.4	0.01379	24	Pass
NVNT	be160 52@74 SISO	5250	Ant12	12.5	0.01778	24	Pass
NVNT	be160 52@74 SISO	5250	Ant13	11.09	0.01285	24	Pass
NVNT	be160 52@74 MIMO	5250	Ant12	12.53	0.01791	24	Pass
NVNT	be160 52@74 MIMO	5250	Ant13	11.16	0.01306	24	Pass
NVNT	be160 52@74 MIMO	5250	Sum	14.91	0.03097	24	Pass
NVNT	be160 106@106 SISO	5250	Ant12	15.19	0.03304	24	Pass
NVNT	be160 106@106 SISO	5250	Ant13	14.2	0.0263	24	Pass
NVNT	be160 106@106 MIMO	5250	Ant12	15.19	0.03304	24	Pass
NVNT	be160 106@106 MIMO	5250	Ant13	14.2	0.0263	24	Pass
NVNT	be160 106@106 MIMO	5250	Sum	17.73	0.05934	24	Pass
NVNT	be160 242@122 SISO	5250	Ant12	19.58	0.09078	24	Pass
NVNT	be160 242@122 SISO	5250	Ant13	18.09	0.06442	24	Pass
NVNT	be160 242@122 MIMO	5250	Ant12	19.6	0.0912	24	Pass
NVNT	be160 242@122 MIMO	5250	Ant13	18.19	0.06592	24	Pass
NVNT	be160 242@122 MIMO	5250	Sum	21.96	0.15712	24	Pass
NVNT	be160 484@130 SISO	5250	Ant12	19.51	0.08933	24	Pass
NVNT	be160 484@130 SISO	5250	Ant13	18	0.0631	24	Pass
NVNT	be160 484@130 MIMO	5250	Ant12	19.53	0.08974	24	Pass
NVNT	be160 484@130 MIMO	5250	Ant13	18.22	0.06637	24	Pass
NVNT	be160 484@130 MIMO	5250	Sum	21.93	0.15612	24	Pass
NVNT	be160 966@134 SISO	5250	Ant12	19.27	0.08453	24	Pass
NVNT	be160 966@134 SISO	5250	Ant13	17.92	0.06194	24	Pass
NVNT	be160 966@134 MIMO	5250	Ant12	19.34	0.0859	24	Pass
NVNT	be160 966@134 MIMO	5250	Ant13	17.77	0.05984	24	Pass
NVNT	be160 966@134 MIMO	5250	Sum	21.64	0.14574	24	Pass

**A.3. Emission Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a SISO	5180	Ant12	23.322
NVNT	a SISO	5220	Ant12	23.75
NVNT	a SISO	5240	Ant12	22.784
NVNT	a SISO	5260	Ant12	23.076
NVNT	a SISO	5300	Ant12	23.37
NVNT	a SISO	5320	Ant12	23.246
NVNT	a SISO	5500	Ant12	23.306
NVNT	a SISO	5580	Ant12	22.878
NVNT	a SISO	5700	Ant12	23.269
NVNT	a SISO	5180	Ant13	23.008
NVNT	a SISO	5220	Ant13	22.746
NVNT	a SISO	5240	Ant13	23.179
NVNT	a SISO	5260	Ant13	23.799
NVNT	a SISO	5300	Ant13	23.552
NVNT	a SISO	5320	Ant13	23.573
NVNT	a SISO	5500	Ant13	23.019
NVNT	a SISO	5580	Ant13	22.634
NVNT	a SISO	5700	Ant13	23.307
NVNT	n20 SISO	5180	Ant12	23.624
NVNT	n20 SISO	5220	Ant12	23.452
NVNT	n20 SISO	5240	Ant12	23.633
NVNT	n20 SISO	5260	Ant12	23.336
NVNT	n20 SISO	5300	Ant12	23.323
NVNT	n20 SISO	5320	Ant12	23.628
NVNT	n20 SISO	5500	Ant12	23.518
NVNT	n20 SISO	5580	Ant12	23.976
NVNT	n20 SISO	5700	Ant12	23.786
NVNT	n20 SISO	5180	Ant13	23.489
NVNT	n20 SISO	5220	Ant13	24.052
NVNT	n20 SISO	5240	Ant13	23.586
NVNT	n20 SISO	5260	Ant13	23.706
NVNT	n20 SISO	5300	Ant13	23.51
NVNT	n20 SISO	5320	Ant13	23.519
NVNT	n20 SISO	5500	Ant13	23.565
NVNT	n20 SISO	5580	Ant13	22.96
NVNT	n20 SISO	5700	Ant13	23.754



NVNT	n20 MIMO	5180	Ant12	24.019
NVNT	n20 MIMO	5180	Ant13	23.773
NVNT	n20 MIMO	5220	Ant12	23.508
NVNT	n20 MIMO	5220	Ant13	23.313
NVNT	n20 MIMO	5240	Ant12	23.376
NVNT	n20 MIMO	5240	Ant13	23.279
NVNT	n20 MIMO	5260	Ant12	23.426
NVNT	n20 MIMO	5260	Ant13	23.529
NVNT	n20 MIMO	5300	Ant12	23.344
NVNT	n20 MIMO	5300	Ant13	23.695
NVNT	n20 MIMO	5320	Ant12	23.545
NVNT	n20 MIMO	5320	Ant13	23.729
NVNT	n20 MIMO	5500	Ant12	23.426
NVNT	n20 MIMO	5500	Ant13	23.763
NVNT	n20 MIMO	5580	Ant12	23.522
NVNT	n20 MIMO	5580	Ant13	23.301
NVNT	n20 MIMO	5700	Ant12	23.547
NVNT	n20 MIMO	5700	Ant13	23.663
NVNT	n40 SISO	5190	Ant12	44.677
NVNT	n40 SISO	5230	Ant12	46.711
NVNT	n40 SISO	5270	Ant12	45.837
NVNT	n40 SISO	5310	Ant12	45.989
NVNT	n40 SISO	5510	Ant12	44.82
NVNT	n40 SISO	5550	Ant12	46.033
NVNT	n40 SISO	5670	Ant12	46.554
NVNT	n40 SISO	5190	Ant13	45.446
NVNT	n40 SISO	5230	Ant13	44.941
NVNT	n40 SISO	5270	Ant13	45.733
NVNT	n40 SISO	5310	Ant13	45.201
NVNT	n40 SISO	5510	Ant13	45.313
NVNT	n40 SISO	5550	Ant13	45.426
NVNT	n40 SISO	5670	Ant13	45.256
NVNT	n40 MIMO	5190	Ant12	45.494
NVNT	n40 MIMO	5190	Ant13	45.693
NVNT	n40 MIMO	5230	Ant12	45.489
NVNT	n40 MIMO	5230	Ant13	46.155
NVNT	n40 MIMO	5270	Ant12	45.045
NVNT	n40 MIMO	5270	Ant13	45.289



NVNT	n40 MIMO	5310	Ant12	46.809
NVNT	n40 MIMO	5310	Ant13	45.249
NVNT	n40 MIMO	5510	Ant12	45.347
NVNT	n40 MIMO	5510	Ant13	44.271
NVNT	n40 MIMO	5550	Ant12	44.916
NVNT	n40 MIMO	5550	Ant13	46.139
NVNT	n40 MIMO	5670	Ant12	46.196
NVNT	n40 MIMO	5670	Ant13	45.694
NVNT	ac20 SISO	5180	Ant12	23.356
NVNT	ac20 SISO	5220	Ant12	23.881
NVNT	ac20 SISO	5240	Ant12	23.784
NVNT	ac20 SISO	5260	Ant12	24.044
NVNT	ac20 SISO	5300	Ant12	23.421
NVNT	ac20 SISO	5320	Ant12	23.319
NVNT	ac20 SISO	5500	Ant12	23.52
NVNT	ac20 SISO	5580	Ant12	23.828
NVNT	ac20 SISO	5700	Ant12	23.898
NVNT	ac20 SISO	5180	Ant13	23.533
NVNT	ac20 SISO	5220	Ant13	23.091
NVNT	ac20 SISO	5240	Ant13	23.465
NVNT	ac20 SISO	5260	Ant13	23.897
NVNT	ac20 SISO	5300	Ant13	23.249
NVNT	ac20 SISO	5320	Ant13	23.515
NVNT	ac20 SISO	5500	Ant13	23.237
NVNT	ac20 SISO	5580	Ant13	23.636
NVNT	ac20 SISO	5700	Ant13	23.499
NVNT	ac20 MIMO	5180	Ant12	23.505
NVNT	ac20 MIMO	5180	Ant13	23.669
NVNT	ac20 MIMO	5220	Ant12	23.169
NVNT	ac20 MIMO	5220	Ant13	23.508
NVNT	ac20 MIMO	5240	Ant12	23.454
NVNT	ac20 MIMO	5240	Ant13	23.785
NVNT	ac20 MIMO	5260	Ant12	23.808
NVNT	ac20 MIMO	5260	Ant13	23.562
NVNT	ac20 MIMO	5300	Ant12	23.411
NVNT	ac20 MIMO	5300	Ant13	23.498
NVNT	ac20 MIMO	5320	Ant12	23.741
NVNT	ac20 MIMO	5320	Ant13	24.043



NVNT	ac20 MIMO	5500	Ant12	23.387
NVNT	ac20 MIMO	5500	Ant13	23.58
NVNT	ac20 MIMO	5580	Ant12	23.137
NVNT	ac20 MIMO	5580	Ant13	23.633
NVNT	ac20 MIMO	5700	Ant12	23.496
NVNT	ac20 MIMO	5700	Ant13	23.875
NVNT	ac40 SISO	5190	Ant12	45.662
NVNT	ac40 SISO	5230	Ant12	45.021
NVNT	ac40 SISO	5270	Ant12	45.464
NVNT	ac40 SISO	5310	Ant12	45.559
NVNT	ac40 SISO	5510	Ant12	45.218
NVNT	ac40 SISO	5550	Ant12	45.484
NVNT	ac40 SISO	5670	Ant12	45.156
NVNT	ac40 SISO	5190	Ant13	45.127
NVNT	ac40 SISO	5230	Ant13	45.247
NVNT	ac40 SISO	5270	Ant13	45.718
NVNT	ac40 SISO	5310	Ant13	46.602
NVNT	ac40 SISO	5510	Ant13	45.653
NVNT	ac40 SISO	5550	Ant13	45.072
NVNT	ac40 SISO	5670	Ant13	45.209
NVNT	ac40 MIMO	5190	Ant12	44.637
NVNT	ac40 MIMO	5190	Ant13	44.89
NVNT	ac40 MIMO	5230	Ant12	44.859
NVNT	ac40 MIMO	5230	Ant13	45.218
NVNT	ac40 MIMO	5270	Ant12	45.935
NVNT	ac40 MIMO	5270	Ant13	45.234
NVNT	ac40 MIMO	5310	Ant12	46.378
NVNT	ac40 MIMO	5310	Ant13	45.308
NVNT	ac40 MIMO	5510	Ant12	45.887
NVNT	ac40 MIMO	5510	Ant13	45.968
NVNT	ac40 MIMO	5550	Ant12	45.667
NVNT	ac40 MIMO	5550	Ant13	45.391
NVNT	ac40 MIMO	5670	Ant12	45.85
NVNT	ac40 MIMO	5670	Ant13	44.397
NVNT	ac80 SISO	5210	Ant12	95.213
NVNT	ac80 SISO	5290	Ant12	93.457
NVNT	ac80 SISO	5530	Ant12	94.431
NVNT	ac80 SISO	5610	Ant12	94.46



NVNT	ac80 SISO	5210	Ant13	94.468
NVNT	ac80 SISO	5290	Ant13	96.32
NVNT	ac80 SISO	5530	Ant13	95.022
NVNT	ac80 SISO	5610	Ant13	93.607
NVNT	ac80 MIMO	5210	Ant12	95.041
NVNT	ac80 MIMO	5210	Ant13	93.603
NVNT	ac80 MIMO	5290	Ant12	93.12
NVNT	ac80 MIMO	5290	Ant13	94.766
NVNT	ac80 MIMO	5530	Ant12	93.801
NVNT	ac80 MIMO	5530	Ant13	95.977
NVNT	ac80 MIMO	5610	Ant12	95.273
NVNT	ac80 MIMO	5610	Ant13	93.702
NVNT	ac160 SISO	5250	Ant12	183.98
NVNT	ac160 SISO	5570	Ant12	176.852
NVNT	ac160 SISO	5250	Ant13	178.358
NVNT	ac160 SISO	5570	Ant13	192.626
NVNT	ac160 MIMO	5250	Ant12	178.634
NVNT	ac160 MIMO	5250	Ant13	175.723
NVNT	ac160 MIMO	5570	Ant12	178.06
NVNT	ac160 MIMO	5570	Ant13	176.024
NVNT	ax20 SISO	5180	Ant12	23.248
NVNT	ax20 SISO	5220	Ant12	22.251
NVNT	ax20 SISO	5240	Ant12	22.972
NVNT	ax20 SISO	5260	Ant12	22.868
NVNT	ax20 SISO	5300	Ant12	22.576
NVNT	ax20 SISO	5320	Ant12	23.281
NVNT	ax20 SISO	5500	Ant12	22.986
NVNT	ax20 SISO	5580	Ant12	22.889
NVNT	ax20 SISO	5700	Ant12	23.236
NVNT	ax20 SISO	5180	Ant13	22.866
NVNT	ax20 SISO	5220	Ant13	23.188
NVNT	ax20 SISO	5240	Ant13	23.419
NVNT	ax20 SISO	5260	Ant13	22.603
NVNT	ax20 SISO	5300	Ant13	23.246
NVNT	ax20 SISO	5320	Ant13	22.717
NVNT	ax20 SISO	5500	Ant13	23.255
NVNT	ax20 SISO	5580	Ant13	23.341
NVNT	ax20 SISO	5700	Ant13	22.343



NVNT	ax20 MIMO	5180	Ant12	23.932
NVNT	ax20 MIMO	5180	Ant13	22.627
NVNT	ax20 MIMO	5220	Ant12	22.961
NVNT	ax20 MIMO	5220	Ant13	22.775
NVNT	ax20 MIMO	5240	Ant12	22.966
NVNT	ax20 MIMO	5240	Ant13	23.272
NVNT	ax20 MIMO	5260	Ant12	23.139
NVNT	ax20 MIMO	5260	Ant13	22.422
NVNT	ax20 MIMO	5300	Ant12	23.416
NVNT	ax20 MIMO	5300	Ant13	23.042
NVNT	ax20 MIMO	5320	Ant12	23.545
NVNT	ax20 MIMO	5320	Ant13	22.919
NVNT	ax20 MIMO	5500	Ant12	22.828
NVNT	ax20 MIMO	5500	Ant13	22.885
NVNT	ax20 MIMO	5580	Ant12	22.675
NVNT	ax20 MIMO	5580	Ant13	22.839
NVNT	ax20 MIMO	5700	Ant12	22.891
NVNT	ax20 MIMO	5700	Ant13	22.777
NVNT	ax40 SISO	5190	Ant12	43.646
NVNT	ax40 SISO	5230	Ant12	43.074
NVNT	ax40 SISO	5270	Ant12	44.164
NVNT	ax40 SISO	5310	Ant12	43.433
NVNT	ax40 SISO	5510	Ant12	44.083
NVNT	ax40 SISO	5550	Ant12	44.899
NVNT	ax40 SISO	5670	Ant12	44.08
NVNT	ax40 SISO	5190	Ant13	43.921
NVNT	ax40 SISO	5230	Ant13	43.773
NVNT	ax40 SISO	5270	Ant13	44.306
NVNT	ax40 SISO	5310	Ant13	44.276
NVNT	ax40 SISO	5510	Ant13	44.47
NVNT	ax40 SISO	5550	Ant13	43.924
NVNT	ax40 SISO	5670	Ant13	43.577
NVNT	ax40 MIMO	5190	Ant12	43.152
NVNT	ax40 MIMO	5190	Ant13	44.143
NVNT	ax40 MIMO	5230	Ant12	42.705
NVNT	ax40 MIMO	5230	Ant13	44.369
NVNT	ax40 MIMO	5270	Ant12	43.482
NVNT	ax40 MIMO	5270	Ant13	44.071



NVNT	ax40 MIMO	5310	Ant12	43.163
NVNT	ax40 MIMO	5310	Ant13	43.623
NVNT	ax40 MIMO	5510	Ant12	44.853
NVNT	ax40 MIMO	5510	Ant13	43.707
NVNT	ax40 MIMO	5550	Ant12	44.398
NVNT	ax40 MIMO	5550	Ant13	44.146
NVNT	ax40 MIMO	5670	Ant12	43.688
NVNT	ax40 MIMO	5670	Ant13	43.368
NVNT	ax80 SISO	5210	Ant12	90.388
NVNT	ax80 SISO	5290	Ant12	89.623
NVNT	ax80 SISO	5530	Ant12	91.722
NVNT	ax80 SISO	5610	Ant12	92.86
NVNT	ax80 SISO	5210	Ant13	90.529
NVNT	ax80 SISO	5290	Ant13	92.212
NVNT	ax80 SISO	5530	Ant13	91.193
NVNT	ax80 SISO	5610	Ant13	91.377
NVNT	ax80 MIMO	5210	Ant12	92.912
NVNT	ax80 MIMO	5210	Ant13	91.001
NVNT	ax80 MIMO	5290	Ant12	91.688
NVNT	ax80 MIMO	5290	Ant13	90.598
NVNT	ax80 MIMO	5530	Ant12	91.219
NVNT	ax80 MIMO	5530	Ant13	92.677
NVNT	ax80 MIMO	5610	Ant12	92.461
NVNT	ax80 MIMO	5610	Ant13	92.708
NVNT	ax160 SISO	5250	Ant12	177.857
NVNT	ax160 SISO	5570	Ant12	178.354
NVNT	ax160 SISO	5250	Ant13	176.245
NVNT	ax160 SISO	5570	Ant13	175.393
NVNT	ax160 MIMO	5250	Ant12	176.098
NVNT	ax160 MIMO	5250	Ant13	177.064
NVNT	ax160 MIMO	5570	Ant12	176.96
NVNT	ax160 MIMO	5570	Ant13	175.793
NVNT	be20 SISO	5180	Ant12	22.783
NVNT	be20 SISO	5220	Ant12	22.891
NVNT	be20 SISO	5240	Ant12	23.316
NVNT	be20 SISO	5260	Ant12	22.568
NVNT	be20 SISO	5300	Ant12	22.952
NVNT	be20 SISO	5320	Ant12	23.072



NVNT	be20 SISO	5500	Ant12	23.012
NVNT	be20 SISO	5580	Ant12	22.687
NVNT	be20 SISO	5700	Ant12	23.171
NVNT	be20 SISO	5180	Ant13	23.134
NVNT	be20 SISO	5220	Ant13	23.087
NVNT	be20 SISO	5240	Ant13	23.022
NVNT	be20 SISO	5260	Ant13	22.888
NVNT	be20 SISO	5300	Ant13	23.018
NVNT	be20 SISO	5320	Ant13	23.33
NVNT	be20 SISO	5500	Ant13	23.474
NVNT	be20 SISO	5580	Ant13	23.545
NVNT	be20 SISO	5700	Ant13	23.036
NVNT	be20 MIMO	5180	Ant12	22.793
NVNT	be20 MIMO	5180	Ant13	22.861
NVNT	be20 MIMO	5220	Ant12	22.909
NVNT	be20 MIMO	5220	Ant13	24.612
NVNT	be20 MIMO	5240	Ant12	23.798
NVNT	be20 MIMO	5240	Ant13	23.194
NVNT	be20 MIMO	5260	Ant12	23.629
NVNT	be20 MIMO	5260	Ant13	23.133
NVNT	be20 MIMO	5300	Ant12	22.768
NVNT	be20 MIMO	5300	Ant13	23.122
NVNT	be20 MIMO	5320	Ant12	22.694
NVNT	be20 MIMO	5320	Ant13	23.1
NVNT	be20 MIMO	5500	Ant12	22.784
NVNT	be20 MIMO	5500	Ant13	23.446
NVNT	be20 MIMO	5580	Ant12	22.774
NVNT	be20 MIMO	5580	Ant13	22.315
NVNT	be20 MIMO	5700	Ant12	22.698
NVNT	be20 MIMO	5700	Ant13	23.441
NVNT	be40 SISO	5190	Ant12	43.528
NVNT	be40 SISO	5230	Ant12	43.643
NVNT	be40 SISO	5270	Ant12	43.418
NVNT	be40 SISO	5310	Ant12	44.422
NVNT	be40 SISO	5510	Ant12	44.385
NVNT	be40 SISO	5550	Ant12	43.915
NVNT	be40 SISO	5670	Ant12	43.696
NVNT	be40 SISO	5190	Ant13	44.211



NVNT	be40 SISO	5230	Ant13	43.715
NVNT	be40 SISO	5270	Ant13	43.096
NVNT	be40 SISO	5310	Ant13	44.252
NVNT	be40 SISO	5510	Ant13	43.886
NVNT	be40 SISO	5550	Ant13	44.37
NVNT	be40 SISO	5670	Ant13	43.677
NVNT	be40 MIMO	5190	Ant12	43.777
NVNT	be40 MIMO	5190	Ant13	44.396
NVNT	be40 MIMO	5230	Ant12	44.557
NVNT	be40 MIMO	5230	Ant13	44.044
NVNT	be40 MIMO	5270	Ant12	43.259
NVNT	be40 MIMO	5270	Ant13	43.749
NVNT	be40 MIMO	5310	Ant12	44.393
NVNT	be40 MIMO	5310	Ant13	43.552
NVNT	be40 MIMO	5510	Ant12	44.635
NVNT	be40 MIMO	5510	Ant13	43.959
NVNT	be40 MIMO	5550	Ant12	44.501
NVNT	be40 MIMO	5550	Ant13	43.157
NVNT	be40 MIMO	5670	Ant12	45.308
NVNT	be40 MIMO	5670	Ant13	43.716
NVNT	be80 SISO	5210	Ant12	92.945
NVNT	be80 SISO	5290	Ant12	89.621
NVNT	be80 SISO	5530	Ant12	93.107
NVNT	be80 SISO	5610	Ant12	90.765
NVNT	be80 SISO	5210	Ant13	91.37
NVNT	be80 SISO	5290	Ant13	91.049
NVNT	be80 SISO	5530	Ant13	92.902
NVNT	be80 SISO	5610	Ant13	90.157
NVNT	be80 MIMO	5210	Ant12	88.369
NVNT	be80 MIMO	5210	Ant13	90.587
NVNT	be80 MIMO	5290	Ant12	93.444
NVNT	be80 MIMO	5290	Ant13	91.769
NVNT	be80 MIMO	5530	Ant12	91.525
NVNT	be80 MIMO	5530	Ant13	89.981
NVNT	be80 MIMO	5610	Ant12	91.63
NVNT	be80 MIMO	5610	Ant13	92.605
NVNT	be160 SISO	5250	Ant12	176.742
NVNT	be160 SISO	5570	Ant12	178.519



NVNT	be160 SISO	5250	Ant13	178.925
NVNT	be160 SISO	5570	Ant13	176.329
NVNT	be160 MIMO	5250	Ant12	179.487
NVNT	be160 MIMO	5250	Ant13	173.801
NVNT	be160 MIMO	5570	Ant12	176.465
NVNT	be160 MIMO	5570	Ant13	175.428
NVNT	ax20 26@0 SISO	5180	Ant12	20.245
NVNT	ax20 26@0 SISO	5220	Ant12	20.678
NVNT	ax20 26@0 SISO	5240	Ant12	19.781
NVNT	ax20 26@0 SISO	5260	Ant12	20.584
NVNT	ax20 26@0 SISO	5300	Ant12	20.373
NVNT	ax20 26@0 SISO	5320	Ant12	20.724
NVNT	ax20 26@0 SISO	5500	Ant12	20.634
NVNT	ax20 26@0 SISO	5580	Ant12	19.99
NVNT	ax20 26@0 SISO	5700	Ant12	20.178
NVNT	ax20 26@0 SISO	5180	Ant13	20.592
NVNT	ax20 26@0 SISO	5220	Ant13	20
NVNT	ax20 26@0 SISO	5240	Ant13	20.561
NVNT	ax20 26@0 SISO	5260	Ant13	20.523
NVNT	ax20 26@0 SISO	5300	Ant13	20.32
NVNT	ax20 26@0 SISO	5320	Ant13	20.264
NVNT	ax20 26@0 SISO	5500	Ant13	20.463
NVNT	ax20 26@0 SISO	5580	Ant13	20.285
NVNT	ax20 26@0 SISO	5700	Ant13	20.212
NVNT	ax20 26@0 MIMO	5180	Ant12	19.112
NVNT	ax20 26@0 MIMO	5180	Ant13	20.393
NVNT	ax20 26@0 MIMO	5220	Ant12	20.197
NVNT	ax20 26@0 MIMO	5220	Ant13	20.28
NVNT	ax20 26@0 MIMO	5240	Ant12	19.947
NVNT	ax20 26@0 MIMO	5240	Ant13	19.071
NVNT	ax20 26@0 MIMO	5260	Ant12	19.936
NVNT	ax20 26@0 MIMO	5260	Ant13	20.356
NVNT	ax20 26@0 MIMO	5300	Ant12	19.914
NVNT	ax20 26@0 MIMO	5300	Ant13	20.533
NVNT	ax20 26@0 MIMO	5320	Ant12	20.097
NVNT	ax20 26@0 MIMO	5320	Ant13	20.124
NVNT	ax20 26@0 MIMO	5500	Ant12	20.801
NVNT	ax20 26@0 MIMO	5500	Ant13	20.082



NVNT	ax20 26@0 MIMO	5580	Ant12	19.042
NVNT	ax20 26@0 MIMO	5580	Ant13	20.155
NVNT	ax20 26@0 MIMO	5700	Ant12	19.916
NVNT	ax20 26@0 MIMO	5700	Ant13	19.932
NVNT	ax20 52@37 SISO	5180	Ant12	20.546
NVNT	ax20 52@37 SISO	5220	Ant12	20.825
NVNT	ax20 52@37 SISO	5240	Ant12	20.523
NVNT	ax20 52@37 SISO	5260	Ant12	20.398
NVNT	ax20 52@37 SISO	5300	Ant12	20.672
NVNT	ax20 52@37 SISO	5320	Ant12	20.681
NVNT	ax20 52@37 SISO	5500	Ant12	20.604
NVNT	ax20 52@37 SISO	5580	Ant12	20.827
NVNT	ax20 52@37 SISO	5700	Ant12	20.362
NVNT	ax20 52@37 SISO	5180	Ant13	20.815
NVNT	ax20 52@37 SISO	5220	Ant13	20.517
NVNT	ax20 52@37 SISO	5240	Ant13	20.739
NVNT	ax20 52@37 SISO	5260	Ant13	20.694
NVNT	ax20 52@37 SISO	5300	Ant13	20.231
NVNT	ax20 52@37 SISO	5320	Ant13	20.456
NVNT	ax20 52@37 SISO	5500	Ant13	20.161
NVNT	ax20 52@37 SISO	5580	Ant13	20.123
NVNT	ax20 52@37 SISO	5700	Ant13	20.838
NVNT	ax20 52@37 MIMO	5180	Ant12	20.82
NVNT	ax20 52@37 MIMO	5180	Ant13	20.269
NVNT	ax20 52@37 MIMO	5220	Ant12	20.585
NVNT	ax20 52@37 MIMO	5220	Ant13	20.037
NVNT	ax20 52@37 MIMO	5240	Ant12	20.495
NVNT	ax20 52@37 MIMO	5240	Ant13	20.282
NVNT	ax20 52@37 MIMO	5260	Ant12	20.876
NVNT	ax20 52@37 MIMO	5260	Ant13	19.538
NVNT	ax20 52@37 MIMO	5300	Ant12	20.158
NVNT	ax20 52@37 MIMO	5300	Ant13	20.356
NVNT	ax20 52@37 MIMO	5320	Ant12	20.782
NVNT	ax20 52@37 MIMO	5320	Ant13	19.802
NVNT	ax20 52@37 MIMO	5500	Ant12	20.023
NVNT	ax20 52@37 MIMO	5500	Ant13	20.427
NVNT	ax20 52@37 MIMO	5580	Ant12	20.754
NVNT	ax20 52@37 MIMO	5580	Ant13	20.302



NVNT	ax20 52@37 MIMO	5700	Ant12	20.466
NVNT	ax20 52@37 MIMO	5700	Ant13	19.652
NVNT	ax20 106@53 SISO	5180	Ant12	21.386
NVNT	ax20 106@53 SISO	5220	Ant12	20.909
NVNT	ax20 106@53 SISO	5240	Ant12	20.985
NVNT	ax20 106@53 SISO	5260	Ant12	21.128
NVNT	ax20 106@53 SISO	5300	Ant12	21.248
NVNT	ax20 106@53 SISO	5320	Ant12	20.893
NVNT	ax20 106@53 SISO	5500	Ant12	21.331
NVNT	ax20 106@53 SISO	5580	Ant12	20.887
NVNT	ax20 106@53 SISO	5700	Ant12	21.033
NVNT	ax20 106@53 SISO	5180	Ant13	21.347
NVNT	ax20 106@53 SISO	5220	Ant13	20.667
NVNT	ax20 106@53 SISO	5240	Ant13	20.918
NVNT	ax20 106@53 SISO	5260	Ant13	20.919
NVNT	ax20 106@53 SISO	5300	Ant13	21.356
NVNT	ax20 106@53 SISO	5320	Ant13	21.162
NVNT	ax20 106@53 SISO	5500	Ant13	21.225
NVNT	ax20 106@53 SISO	5580	Ant13	20.817
NVNT	ax20 106@53 SISO	5700	Ant13	20.234
NVNT	ax20 106@53 MIMO	5180	Ant12	19.968
NVNT	ax20 106@53 MIMO	5180	Ant13	20.287
NVNT	ax20 106@53 MIMO	5220	Ant12	20.069
NVNT	ax20 106@53 MIMO	5220	Ant13	20.949
NVNT	ax20 106@53 MIMO	5240	Ant12	18.363
NVNT	ax20 106@53 MIMO	5240	Ant13	21.192
NVNT	ax20 106@53 MIMO	5260	Ant12	19.224
NVNT	ax20 106@53 MIMO	5260	Ant13	20.569
NVNT	ax20 106@53 MIMO	5300	Ant12	21.373
NVNT	ax20 106@53 MIMO	5300	Ant13	20.121
NVNT	ax20 106@53 MIMO	5320	Ant12	21.43
NVNT	ax20 106@53 MIMO	5320	Ant13	21.312
NVNT	ax20 106@53 MIMO	5500	Ant12	20.521
NVNT	ax20 106@53 MIMO	5500	Ant13	21.358
NVNT	ax20 106@53 MIMO	5580	Ant12	21.247
NVNT	ax20 106@53 MIMO	5580	Ant13	20.903
NVNT	ax20 106@53 MIMO	5700	Ant12	21.101
NVNT	ax20 106@53 MIMO	5700	Ant13	21.335



NVNT	ax40 26@0 SISO	5190	Ant12	21.028
NVNT	ax40 26@0 SISO	5190	Ant13	20.439
NVNT	ax40 26@0 MIMO	5190	Ant12	21.314
NVNT	ax40 26@0 MIMO	5190	Ant13	21.924
NVNT	ax40 52@37 SISO	5190	Ant12	22.031
NVNT	ax40 52@37 SISO	5190	Ant13	21.664
NVNT	ax40 52@37 MIMO	5190	Ant12	21.181
NVNT	ax40 52@37 MIMO	5190	Ant13	21.48
NVNT	ax40 106@53 SISO	5190	Ant12	22.184
NVNT	ax40 106@53 SISO	5190	Ant13	22.611
NVNT	ax40 106@53 MIMO	5190	Ant12	23.676
NVNT	ax40 106@53 MIMO	5190	Ant13	22.649
NVNT	ax40 242@61 SISO	5190	Ant12	30.53
NVNT	ax40 242@61 SISO	5190	Ant13	30.992
NVNT	ax40 242@61 MIMO	5190	Ant12	31.258
NVNT	ax40 242@61 MIMO	5190	Ant13	30.86
NVNT	ax80 26@0 SISO	5210	Ant12	27.739
NVNT	ax80 26@0 SISO	5210	Ant13	25.466
NVNT	ax80 26@0 MIMO	5210	Ant12	27.123
NVNT	ax80 26@0 MIMO	5210	Ant13	28.393
NVNT	ax80 52@37 SISO	5210	Ant12	27.433
NVNT	ax80 52@37 SISO	5210	Ant13	28.174
NVNT	ax80 52@37 MIMO	5210	Ant12	29.255
NVNT	ax80 52@37 MIMO	5210	Ant13	26.12
NVNT	ax80 106@53 SISO	5210	Ant12	30.43
NVNT	ax80 106@53 SISO	5210	Ant13	26.579
NVNT	ax80 106@53 MIMO	5210	Ant12	27.883
NVNT	ax80 106@53 MIMO	5210	Ant13	29.466
NVNT	ax80 242@61 SISO	5210	Ant12	39.633
NVNT	ax80 242@61 SISO	5210	Ant13	42.457
NVNT	ax80 242@61 MIMO	5210	Ant12	42.825
NVNT	ax80 242@61 MIMO	5210	Ant13	46.241
NVNT	ax80 484@65 SISO	5210	Ant12	72.447
NVNT	ax80 484@65 SISO	5210	Ant13	70.026
NVNT	ax80 484@65 MIMO	5210	Ant12	118.866
NVNT	ax80 484@65 MIMO	5210	Ant13	85.497
NVNT	ax160 26@0 SISO	5250	Ant12	40.483
NVNT	ax160 26@0 SISO	5250	Ant13	41.065



NVNT	ax160 26@0 MIMO	5250	Ant12	90.98
NVNT	ax160 26@0 MIMO	5250	Ant13	40.492
NVNT	ax160 52@74 SISO	5250	Ant12	43.16
NVNT	ax160 52@74 SISO	5250	Ant13	40.795
NVNT	ax160 52@74 MIMO	5250	Ant12	36.211
NVNT	ax160 52@74 MIMO	5250	Ant13	37.45
NVNT	ax160 106@106 SISO	5250	Ant12	43.47
NVNT	ax160 106@106 SISO	5250	Ant13	42.439
NVNT	ax160 106@106 MIMO	5250	Ant12	42.819
NVNT	ax160 106@106 MIMO	5250	Ant13	37.36
NVNT	ax160 242@122 SISO	5250	Ant12	62.408
NVNT	ax160 242@122 SISO	5250	Ant13	56.019
NVNT	ax160 242@122 MIMO	5250	Ant12	54.32
NVNT	ax160 242@122 MIMO	5250	Ant13	57.611
NVNT	ax160 484@130 SISO	5250	Ant12	79.878
NVNT	ax160 484@130 SISO	5250	Ant13	86.48
NVNT	ax160 484@130 MIMO	5250	Ant12	75.541
NVNT	ax160 484@130 MIMO	5250	Ant13	90.722
NVNT	ax160 966@134 SISO	5250	Ant12	187.694
NVNT	ax160 966@134 SISO	5250	Ant13	193.66
NVNT	ax160 966@134 MIMO	5250	Ant12	222.181
NVNT	ax160 966@134 MIMO	5250	Ant13	188.749
NVNT	be20 26@0 SISO	5180	Ant12	20.2
NVNT	be20 26@0 SISO	5220	Ant12	19.795
NVNT	be20 26@0 SISO	5240	Ant12	20.24
NVNT	be20 26@0 SISO	5260	Ant12	19.633
NVNT	be20 26@0 SISO	5300	Ant12	20.134
NVNT	be20 26@0 SISO	5320	Ant12	19.944
NVNT	be20 26@0 SISO	5500	Ant12	20.158
NVNT	be20 26@0 SISO	5580	Ant12	20.069
NVNT	be20 26@0 SISO	5700	Ant12	20.131
NVNT	be20 26@0 SISO	5180	Ant13	20.156
NVNT	be20 26@0 SISO	5220	Ant13	20.124
NVNT	be20 26@0 SISO	5240	Ant13	19.827
NVNT	be20 26@0 SISO	5260	Ant13	20.079
NVNT	be20 26@0 SISO	5300	Ant13	19.693
NVNT	be20 26@0 SISO	5320	Ant13	20.177
NVNT	be20 26@0 SISO	5500	Ant13	19.981



NVNT	be20 26@0 SISO	5580	Ant13	19.445
NVNT	be20 26@0 SISO	5700	Ant13	20.013
NVNT	be20 26@0 MIMO	5180	Ant12	20.157
NVNT	be20 26@0 MIMO	5180	Ant13	20.079
NVNT	be20 26@0 MIMO	5220	Ant12	20.307
NVNT	be20 26@0 MIMO	5220	Ant13	19.618
NVNT	be20 26@0 MIMO	5240	Ant12	19.887
NVNT	be20 26@0 MIMO	5240	Ant13	20.154
NVNT	be20 26@0 MIMO	5260	Ant12	20.126
NVNT	be20 26@0 MIMO	5260	Ant13	19.841
NVNT	be20 26@0 MIMO	5300	Ant12	20.067
NVNT	be20 26@0 MIMO	5300	Ant13	20.157
NVNT	be20 26@0 MIMO	5320	Ant12	20.497
NVNT	be20 26@0 MIMO	5320	Ant13	20.32
NVNT	be20 26@0 MIMO	5500	Ant12	20.277
NVNT	be20 26@0 MIMO	5500	Ant13	20.13
NVNT	be20 26@0 MIMO	5580	Ant12	20.165
NVNT	be20 26@0 MIMO	5580	Ant13	20.092
NVNT	be20 26@0 MIMO	5700	Ant12	19.985
NVNT	be20 26@0 MIMO	5700	Ant13	20.101
NVNT	be20 52@37 SISO	5180	Ant12	20.436
NVNT	be20 52@37 SISO	5220	Ant12	20.567
NVNT	be20 52@37 SISO	5240	Ant12	20.385
NVNT	be20 52@37 SISO	5260	Ant12	20.544
NVNT	be20 52@37 SISO	5300	Ant12	20.019
NVNT	be20 52@37 SISO	5320	Ant12	20.284
NVNT	be20 52@37 SISO	5500	Ant12	20.476
NVNT	be20 52@37 SISO	5580	Ant12	20.456
NVNT	be20 52@37 SISO	5700	Ant12	20.529
NVNT	be20 52@37 SISO	5180	Ant13	19.973
NVNT	be20 52@37 SISO	5220	Ant13	20.263
NVNT	be20 52@37 SISO	5240	Ant13	20.447
NVNT	be20 52@37 SISO	5260	Ant13	20.405
NVNT	be20 52@37 SISO	5300	Ant13	20.492
NVNT	be20 52@37 SISO	5320	Ant13	20.421
NVNT	be20 52@37 SISO	5500	Ant13	20.425
NVNT	be20 52@37 SISO	5580	Ant13	20.451
NVNT	be20 52@37 SISO	5700	Ant13	19.936



NVNT	be20 52@37 MIMO	5180	Ant12	20.259
NVNT	be20 52@37 MIMO	5180	Ant13	20.707
NVNT	be20 52@37 MIMO	5220	Ant12	20.252
NVNT	be20 52@37 MIMO	5220	Ant13	20.352
NVNT	be20 52@37 MIMO	5240	Ant12	19.985
NVNT	be20 52@37 MIMO	5240	Ant13	19.814
NVNT	be20 52@37 MIMO	5260	Ant12	20.426
NVNT	be20 52@37 MIMO	5260	Ant13	20.406
NVNT	be20 52@37 MIMO	5300	Ant12	19.839
NVNT	be20 52@37 MIMO	5300	Ant13	19.968
NVNT	be20 52@37 MIMO	5320	Ant12	20.2
NVNT	be20 52@37 MIMO	5320	Ant13	19.988
NVNT	be20 52@37 MIMO	5500	Ant12	20.249
NVNT	be20 52@37 MIMO	5500	Ant13	20.317
NVNT	be20 52@37 MIMO	5580	Ant12	20.627
NVNT	be20 52@37 MIMO	5580	Ant13	20.207
NVNT	be20 52@37 MIMO	5700	Ant12	19.567
NVNT	be20 52@37 MIMO	5700	Ant13	20.344
NVNT	be20 106@53 SISO	5180	Ant12	20.155
NVNT	be20 106@53 SISO	5220	Ant12	20.992
NVNT	be20 106@53 SISO	5240	Ant12	20.167
NVNT	be20 106@53 SISO	5260	Ant12	20.416
NVNT	be20 106@53 SISO	5300	Ant12	20.296
NVNT	be20 106@53 SISO	5320	Ant12	20.297
NVNT	be20 106@53 SISO	5500	Ant12	20.317
NVNT	be20 106@53 SISO	5580	Ant12	20.25
NVNT	be20 106@53 SISO	5700	Ant12	18.852
NVNT	be20 106@53 SISO	5180	Ant13	20.581
NVNT	be20 106@53 SISO	5220	Ant13	20.089
NVNT	be20 106@53 SISO	5240	Ant13	20.363
NVNT	be20 106@53 SISO	5260	Ant13	20.076
NVNT	be20 106@53 SISO	5300	Ant13	20.445
NVNT	be20 106@53 SISO	5320	Ant13	20.381
NVNT	be20 106@53 SISO	5500	Ant13	20.498
NVNT	be20 106@53 SISO	5580	Ant13	20.687
NVNT	be20 106@53 SISO	5700	Ant13	20.333
NVNT	be20 106@53 MIMO	5180	Ant12	20.301
NVNT	be20 106@53 MIMO	5180	Ant13	20.092



NVNT	be20 106@53 MIMO	5220	Ant12	20.317
NVNT	be20 106@53 MIMO	5220	Ant13	20.854
NVNT	be20 106@53 MIMO	5240	Ant12	19.054
NVNT	be20 106@53 MIMO	5240	Ant13	20.569
NVNT	be20 106@53 MIMO	5260	Ant12	20.413
NVNT	be20 106@53 MIMO	5260	Ant13	19.941
NVNT	be20 106@53 MIMO	5300	Ant12	20.23
NVNT	be20 106@53 MIMO	5300	Ant13	20.627
NVNT	be20 106@53 MIMO	5320	Ant12	20.144
NVNT	be20 106@53 MIMO	5320	Ant13	20.998
NVNT	be20 106@53 MIMO	5500	Ant12	20.399
NVNT	be20 106@53 MIMO	5500	Ant13	20.7
NVNT	be20 106@53 MIMO	5580	Ant12	20.306
NVNT	be20 106@53 MIMO	5580	Ant13	20.804
NVNT	be20 106@53 MIMO	5700	Ant12	20.492
NVNT	be20 106@53 MIMO	5700	Ant13	20.952
NVNT	be40 26@0 SISO	5190	Ant12	20.801
NVNT	be40 26@0 SISO	5190	Ant13	20.995
NVNT	be40 26@0 MIMO	5190	Ant12	20.052
NVNT	be40 26@0 MIMO	5190	Ant13	21.154
NVNT	be40 52@37 SISO	5190	Ant12	21.59
NVNT	be40 52@37 SISO	5190	Ant13	21.178
NVNT	be40 52@37 MIMO	5190	Ant12	21.803
NVNT	be40 52@37 MIMO	5190	Ant13	21.933
NVNT	be40 106@53 SISO	5190	Ant12	23.318
NVNT	be40 106@53 SISO	5190	Ant13	22.768
NVNT	be40 106@53 MIMO	5190	Ant12	23.36
NVNT	be40 106@53 MIMO	5190	Ant13	25.653
NVNT	be40 242@61 SISO	5190	Ant12	26.626
NVNT	be40 242@61 SISO	5190	Ant13	33.571
NVNT	be40 242@61 MIMO	5190	Ant12	33.832
NVNT	be40 242@61 MIMO	5190	Ant13	28.728
NVNT	be80 26@0 SISO	5210	Ant12	28.412
NVNT	be80 26@0 SISO	5210	Ant13	32.17
NVNT	be80 26@0 MIMO	5210	Ant12	28.307
NVNT	be80 26@0 MIMO	5210	Ant13	29.003
NVNT	be80 52@37 SISO	5210	Ant12	30.527
NVNT	be80 52@37 SISO	5210	Ant13	31.588



NVNT	be80 52@37 MIMO	5210	Ant12	30.151
NVNT	be80 52@37 MIMO	5210	Ant13	31.206
NVNT	be80 106@53 SISO	5210	Ant12	33.464
NVNT	be80 106@53 SISO	5210	Ant13	33.351
NVNT	be80 106@53 MIMO	5210	Ant12	31.569
NVNT	be80 106@53 MIMO	5210	Ant13	32.762
NVNT	be80 242@61 SISO	5210	Ant12	43.156
NVNT	be80 242@61 SISO	5210	Ant13	41.129
NVNT	be80 242@61 MIMO	5210	Ant12	49.424
NVNT	be80 242@61 MIMO	5210	Ant13	47.176
NVNT	be80 484@65 SISO	5210	Ant12	72.049
NVNT	be80 484@65 SISO	5210	Ant13	72.195
NVNT	be80 484@65 MIMO	5210	Ant12	75.22
NVNT	be80 484@65 MIMO	5210	Ant13	84.477
NVNT	be160 26@0 SISO	5250	Ant12	40.014
NVNT	be160 26@0 SISO	5250	Ant13	41.684
NVNT	be160 26@0 MIMO	5250	Ant12	90.62
NVNT	be160 26@0 MIMO	5250	Ant13	35.734
NVNT	be160 52@74 SISO	5250	Ant12	41.169
NVNT	be160 52@74 SISO	5250	Ant13	43.366
NVNT	be160 52@74 MIMO	5250	Ant12	39.612
NVNT	be160 52@74 MIMO	5250	Ant13	37.444
NVNT	be160 106@106 SISO	5250	Ant12	47.048
NVNT	be160 106@106 SISO	5250	Ant13	46.468
NVNT	be160 106@106 MIMO	5250	Ant12	45.379
NVNT	be160 106@106 MIMO	5250	Ant13	40.986
NVNT	be160 242@122 SISO	5250	Ant12	60.183
NVNT	be160 242@122 SISO	5250	Ant13	59.432
NVNT	be160 242@122 MIMO	5250	Ant12	58.113
NVNT	be160 242@122 MIMO	5250	Ant13	64.9
NVNT	be160 484@130 SISO	5250	Ant12	88.178
NVNT	be160 484@130 SISO	5250	Ant13	93.916
NVNT	be160 484@130 MIMO	5250	Ant12	77.069
NVNT	be160 484@130 MIMO	5250	Ant13	76.014
NVNT	be160 966@134 SISO	5250	Ant12	163.377
NVNT	be160 966@134 SISO	5250	Ant13	157.178
NVNT	be160 966@134 MIMO	5250	Ant12	198.875
NVNT	be160 966@134 MIMO	5250	Ant13	191.114



Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a SISO	5745	Ant12	16.341	0.5	Pass
NVNT	a SISO	5785	Ant12	16.343	0.5	Pass
NVNT	a SISO	5825	Ant12	16.314	0.5	Pass
NVNT	a SISO	5745	Ant13	16.336	0.5	Pass
NVNT	a SISO	5785	Ant13	16.313	0.5	Pass
NVNT	a SISO	5825	Ant13	16.322	0.5	Pass
NVNT	n20 SISO	5745	Ant12	17.591	0.5	Pass
NVNT	n20 SISO	5785	Ant12	17.638	0.5	Pass
NVNT	n20 SISO	5825	Ant12	17.623	0.5	Pass
NVNT	n20 SISO	5745	Ant13	17.607	0.5	Pass
NVNT	n20 SISO	5785	Ant13	17.678	0.5	Pass
NVNT	n20 SISO	5825	Ant13	17.58	0.5	Pass
NVNT	n20 MIMO	5745	Ant12	17.638	0.5	Pass
NVNT	n20 MIMO	5745	Ant13	17.58	0.5	Pass
NVNT	n20 MIMO	5785	Ant12	17.61	0.5	Pass
NVNT	n20 MIMO	5785	Ant13	17.566	0.5	Pass
NVNT	n20 MIMO	5825	Ant12	17.638	0.5	Pass
NVNT	n20 MIMO	5825	Ant13	17.579	0.5	Pass
NVNT	n40 SISO	5755	Ant12	36.343	0.5	Pass
NVNT	n40 SISO	5795	Ant12	36.405	0.5	Pass
NVNT	n40 SISO	5755	Ant13	36.331	0.5	Pass
NVNT	n40 SISO	5795	Ant13	36.338	0.5	Pass
NVNT	n40 MIMO	5755	Ant12	36.337	0.5	Pass
NVNT	n40 MIMO	5755	Ant13	36.347	0.5	Pass
NVNT	n40 MIMO	5795	Ant12	36.382	0.5	Pass
NVNT	n40 MIMO	5795	Ant13	36.397	0.5	Pass
NVNT	ac20 SISO	5745	Ant12	17.624	0.5	Pass
NVNT	ac20 SISO	5785	Ant12	17.64	0.5	Pass
NVNT	ac20 SISO	5825	Ant12	17.624	0.5	Pass
NVNT	ac20 SISO	5745	Ant13	17.621	0.5	Pass
NVNT	ac20 SISO	5785	Ant13	17.586	0.5	Pass
NVNT	ac20 SISO	5825	Ant13	17.606	0.5	Pass
NVNT	ac20 MIMO	5745	Ant12	17.567	0.5	Pass
NVNT	ac20 MIMO	5745	Ant13	17.605	0.5	Pass



NVNT	ac20 MIMO	5785	Ant12	17.631	0.5	Pass
NVNT	ac20 MIMO	5785	Ant13	17.596	0.5	Pass
NVNT	ac20 MIMO	5825	Ant12	17.596	0.5	Pass
NVNT	ac20 MIMO	5825	Ant13	17.644	0.5	Pass
NVNT	ac40 SISO	5755	Ant12	36.342	0.5	Pass
NVNT	ac40 SISO	5795	Ant12	36.369	0.5	Pass
NVNT	ac40 SISO	5755	Ant13	36.359	0.5	Pass
NVNT	ac40 SISO	5795	Ant13	36.336	0.5	Pass
NVNT	ac40 MIMO	5755	Ant12	36.338	0.5	Pass
NVNT	ac40 MIMO	5755	Ant13	36.395	0.5	Pass
NVNT	ac40 MIMO	5795	Ant12	36.356	0.5	Pass
NVNT	ac40 MIMO	5795	Ant13	36.352	0.5	Pass
NVNT	ac80 SISO	5775	Ant12	76.359	0.5	Pass
NVNT	ac80 SISO	5775	Ant13	76.359	0.5	Pass
NVNT	ac80 MIMO	5775	Ant12	76.334	0.5	Pass
NVNT	ac80 MIMO	5775	Ant13	76.374	0.5	Pass
NVNT	ax20 SISO	5745	Ant12	18.886	0.5	Pass
NVNT	ax20 SISO	5785	Ant12	18.949	0.5	Pass
NVNT	ax20 SISO	5825	Ant12	18.947	0.5	Pass
NVNT	ax20 SISO	5745	Ant13	18.86	0.5	Pass
NVNT	ax20 SISO	5785	Ant13	18.996	0.5	Pass
NVNT	ax20 SISO	5825	Ant13	18.973	0.5	Pass
NVNT	ax20 MIMO	5745	Ant12	18.875	0.5	Pass
NVNT	ax20 MIMO	5745	Ant13	18.936	0.5	Pass
NVNT	ax20 MIMO	5785	Ant12	18.88	0.5	Pass
NVNT	ax20 MIMO	5785	Ant13	19.046	0.5	Pass
NVNT	ax20 MIMO	5825	Ant12	18.686	0.5	Pass
NVNT	ax20 MIMO	5825	Ant13	18.978	0.5	Pass
NVNT	ax40 SISO	5755	Ant12	38.037	0.5	Pass
NVNT	ax40 SISO	5795	Ant12	38.036	0.5	Pass
NVNT	ax40 SISO	5755	Ant13	37.943	0.5	Pass
NVNT	ax40 SISO	5795	Ant13	38.085	0.5	Pass
NVNT	ax40 MIMO	5755	Ant12	38.249	0.5	Pass
NVNT	ax40 MIMO	5755	Ant13	37.797	0.5	Pass
NVNT	ax40 MIMO	5795	Ant12	37.993	0.5	Pass
NVNT	ax40 MIMO	5795	Ant13	38.146	0.5	Pass
NVNT	ax80 SISO	5775	Ant12	78.195	0.5	Pass
NVNT	ax80 SISO	5775	Ant13	78.115	0.5	Pass



NVNT	ax80 MIMO	5775	Ant12	78.045	0.5	Pass
NVNT	ax80 MIMO	5775	Ant13	78.016	0.5	Pass
NVNT	be20 SISO	5745	Ant12	18.887	0.5	Pass
NVNT	be20 SISO	5785	Ant12	18.875	0.5	Pass
NVNT	be20 SISO	5825	Ant12	18.899	0.5	Pass
NVNT	be20 SISO	5745	Ant13	18.958	0.5	Pass
NVNT	be20 SISO	5785	Ant13	18.991	0.5	Pass
NVNT	be20 SISO	5825	Ant13	18.923	0.5	Pass
NVNT	be20 MIMO	5745	Ant12	18.965	0.5	Pass
NVNT	be20 MIMO	5745	Ant13	18.966	0.5	Pass
NVNT	be20 MIMO	5785	Ant12	18.987	0.5	Pass
NVNT	be20 MIMO	5785	Ant13	18.913	0.5	Pass
NVNT	be20 MIMO	5825	Ant12	18.951	0.5	Pass
NVNT	be20 MIMO	5825	Ant13	19.099	0.5	Pass
NVNT	be40 SISO	5755	Ant12	38.076	0.5	Pass
NVNT	be40 SISO	5795	Ant12	38.01	0.5	Pass
NVNT	be40 SISO	5755	Ant13	38.008	0.5	Pass
NVNT	be40 SISO	5795	Ant13	37.894	0.5	Pass
NVNT	be40 MIMO	5755	Ant12	37.979	0.5	Pass
NVNT	be40 MIMO	5755	Ant13	38.05	0.5	Pass
NVNT	be40 MIMO	5795	Ant12	38.064	0.5	Pass
NVNT	be40 MIMO	5795	Ant13	38.036	0.5	Pass
NVNT	be80 SISO	5775	Ant12	78.079	0.5	Pass
NVNT	be80 SISO	5775	Ant13	78.076	0.5	Pass
NVNT	be80 MIMO	5775	Ant12	78.024	0.5	Pass
NVNT	be80 MIMO	5775	Ant13	78.14	0.5	Pass
NVNT	ax20 26@0 SISO	5745	Ant12	2.084	0.5	Pass
NVNT	ax20 26@0 SISO	5785	Ant12	2.063	0.5	Pass
NVNT	ax20 26@0 SISO	5825	Ant12	2.053	0.5	Pass
NVNT	ax20 26@0 SISO	5745	Ant13	2.101	0.5	Pass
NVNT	ax20 26@0 SISO	5785	Ant13	2.083	0.5	Pass
NVNT	ax20 26@0 SISO	5825	Ant13	2.098	0.5	Pass
NVNT	ax20 26@0 MIMO	5745	Ant12	2.06	0.5	Pass
NVNT	ax20 26@0 MIMO	5745	Ant13	2.091	0.5	Pass
NVNT	ax20 26@0 MIMO	5785	Ant12	2.086	0.5	Pass
NVNT	ax20 26@0 MIMO	5785	Ant13	2.104	0.5	Pass
NVNT	ax20 26@0 MIMO	5825	Ant12	2.073	0.5	Pass
NVNT	ax20 26@0 MIMO	5825	Ant13	2.073	0.5	Pass



NVNT	ax20 52@37 SISO	5745	Ant12	14.551	0.5	Pass
NVNT	ax20 52@37 SISO	5785	Ant12	17.062	0.5	Pass
NVNT	ax20 52@37 SISO	5825	Ant12	17.004	0.5	Pass
NVNT	ax20 52@37 SISO	5745	Ant13	13.285	0.5	Pass
NVNT	ax20 52@37 SISO	5785	Ant13	15.805	0.5	Pass
NVNT	ax20 52@37 SISO	5825	Ant13	17.053	0.5	Pass
NVNT	ax20 52@37 MIMO	5745	Ant12	13.241	0.5	Pass
NVNT	ax20 52@37 MIMO	5745	Ant13	13.327	0.5	Pass
NVNT	ax20 52@37 MIMO	5785	Ant12	17.073	0.5	Pass
NVNT	ax20 52@37 MIMO	5785	Ant13	15.757	0.5	Pass
NVNT	ax20 52@37 MIMO	5825	Ant12	12.038	0.5	Pass
NVNT	ax20 52@37 MIMO	5825	Ant13	14.529	0.5	Pass
NVNT	ax20 106@53 SISO	5745	Ant12	17.096	0.5	Pass
NVNT	ax20 106@53 SISO	5785	Ant12	18.108	0.5	Pass
NVNT	ax20 106@53 SISO	5825	Ant12	18.079	0.5	Pass
NVNT	ax20 106@53 SISO	5745	Ant13	16.75	0.5	Pass
NVNT	ax20 106@53 SISO	5785	Ant13	18.112	0.5	Pass
NVNT	ax20 106@53 SISO	5825	Ant13	17.147	0.5	Pass
NVNT	ax20 106@53 MIMO	5745	Ant12	18.091	0.5	Pass
NVNT	ax20 106@53 MIMO	5745	Ant13	17.143	0.5	Pass
NVNT	ax20 106@53 MIMO	5785	Ant12	17.119	0.5	Pass
NVNT	ax20 106@53 MIMO	5785	Ant13	12.141	0.5	Pass
NVNT	ax20 106@53 MIMO	5825	Ant12	17.093	0.5	Pass
NVNT	ax20 106@53 MIMO	5825	Ant13	17.089	0.5	Pass
NVNT	be20 26@0 SISO	5745	Ant12	2.045	0.5	Pass
NVNT	be20 26@0 SISO	5785	Ant12	2.065	0.5	Pass
NVNT	be20 26@0 SISO	5825	Ant12	2.071	0.5	Pass
NVNT	be20 26@0 SISO	5745	Ant13	2.071	0.5	Pass
NVNT	be20 26@0 SISO	5785	Ant13	2.061	0.5	Pass
NVNT	be20 26@0 SISO	5825	Ant13	2.064	0.5	Pass
NVNT	be20 26@0 MIMO	5745	Ant12	2.075	0.5	Pass
NVNT	be20 26@0 MIMO	5745	Ant13	2.086	0.5	Pass
NVNT	be20 26@0 MIMO	5785	Ant12	2.053	0.5	Pass
NVNT	be20 26@0 MIMO	5785	Ant13	2.096	0.5	Pass
NVNT	be20 26@0 MIMO	5825	Ant12	2.1	0.5	Pass
NVNT	be20 26@0 MIMO	5825	Ant13	2.105	0.5	Pass
NVNT	be20 52@37 SISO	5745	Ant12	17.085	0.5	Pass
NVNT	be20 52@37 SISO	5785	Ant12	14.456	0.5	Pass

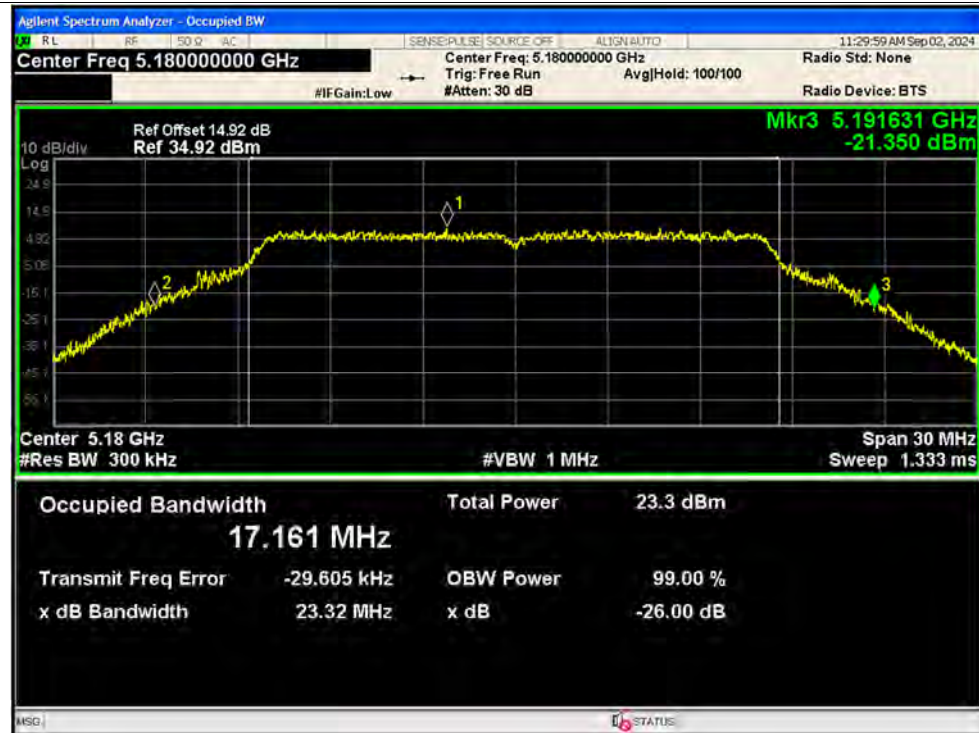


NVNT	be20 52@37 SISO	5825	Ant12	10.834	0.5	Pass
NVNT	be20 52@37 SISO	5745	Ant13	15.813	0.5	Pass
NVNT	be20 52@37 SISO	5785	Ant13	17.068	0.5	Pass
NVNT	be20 52@37 SISO	5825	Ant13	15.794	0.5	Pass
NVNT	be20 52@37 MIMO	5745	Ant12	15.79	0.5	Pass
NVNT	be20 52@37 MIMO	5745	Ant13	17.058	0.5	Pass
NVNT	be20 52@37 MIMO	5785	Ant12	15.811	0.5	Pass
NVNT	be20 52@37 MIMO	5785	Ant13	17.056	0.5	Pass
NVNT	be20 52@37 MIMO	5825	Ant12	17.084	0.5	Pass
NVNT	be20 52@37 MIMO	5825	Ant13	17.071	0.5	Pass
NVNT	be20 106@53 SISO	5745	Ant12	18.34	0.5	Pass
NVNT	be20 106@53 SISO	5785	Ant12	15.88	0.5	Pass
NVNT	be20 106@53 SISO	5825	Ant12	15.876	0.5	Pass
NVNT	be20 106@53 SISO	5745	Ant13	17.093	0.5	Pass
NVNT	be20 106@53 SISO	5785	Ant13	17.138	0.5	Pass
NVNT	be20 106@53 SISO	5825	Ant13	18.322	0.5	Pass
NVNT	be20 106@53 MIMO	5745	Ant12	17.097	0.5	Pass
NVNT	be20 106@53 MIMO	5745	Ant13	17.331	0.5	Pass
NVNT	be20 106@53 MIMO	5785	Ant12	17.113	0.5	Pass
NVNT	be20 106@53 MIMO	5785	Ant13	17.131	0.5	Pass
NVNT	be20 106@53 MIMO	5825	Ant12	17.117	0.5	Pass
NVNT	be20 106@53 MIMO	5825	Ant13	17.154	0.5	Pass

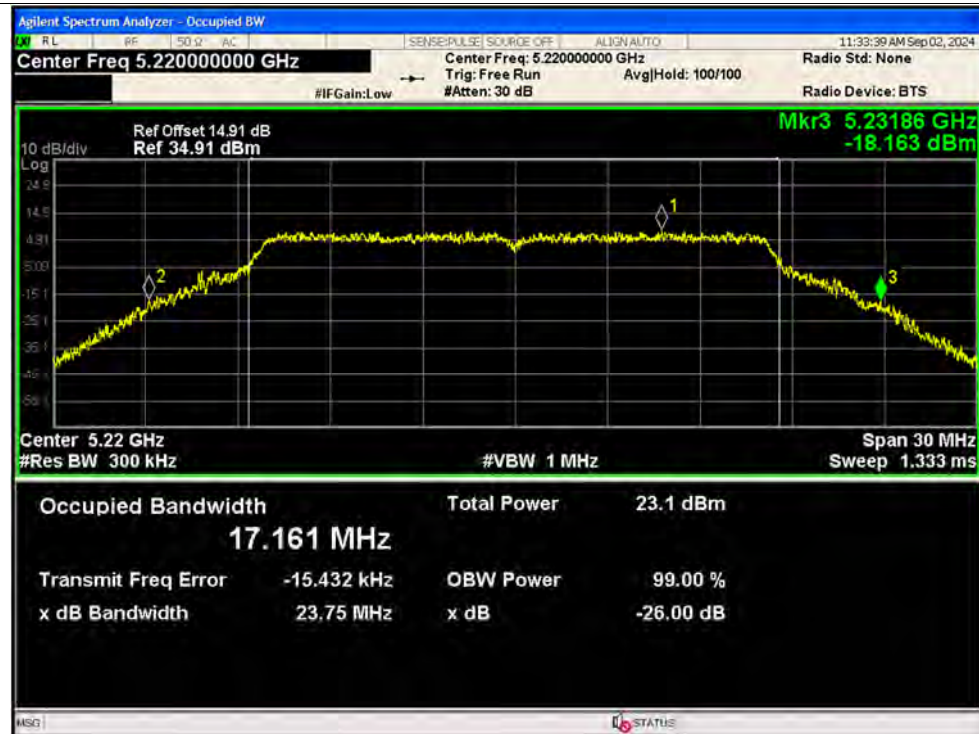


Test Graphs

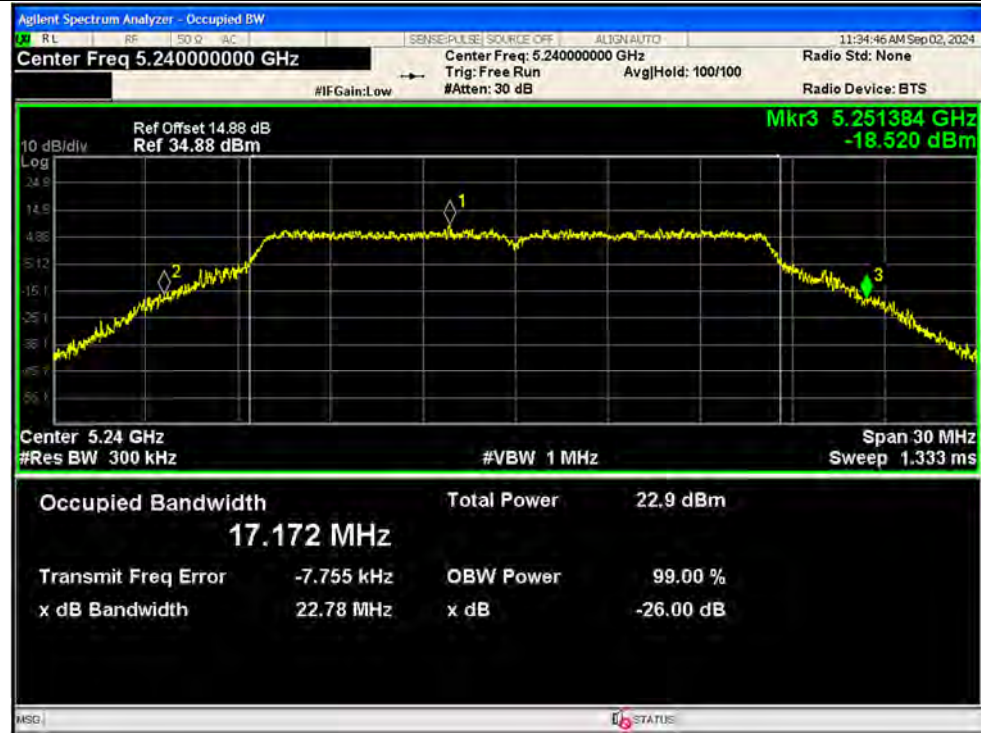
-26dB Bandwidth NVNT a 5180MHz Ant12 SISO



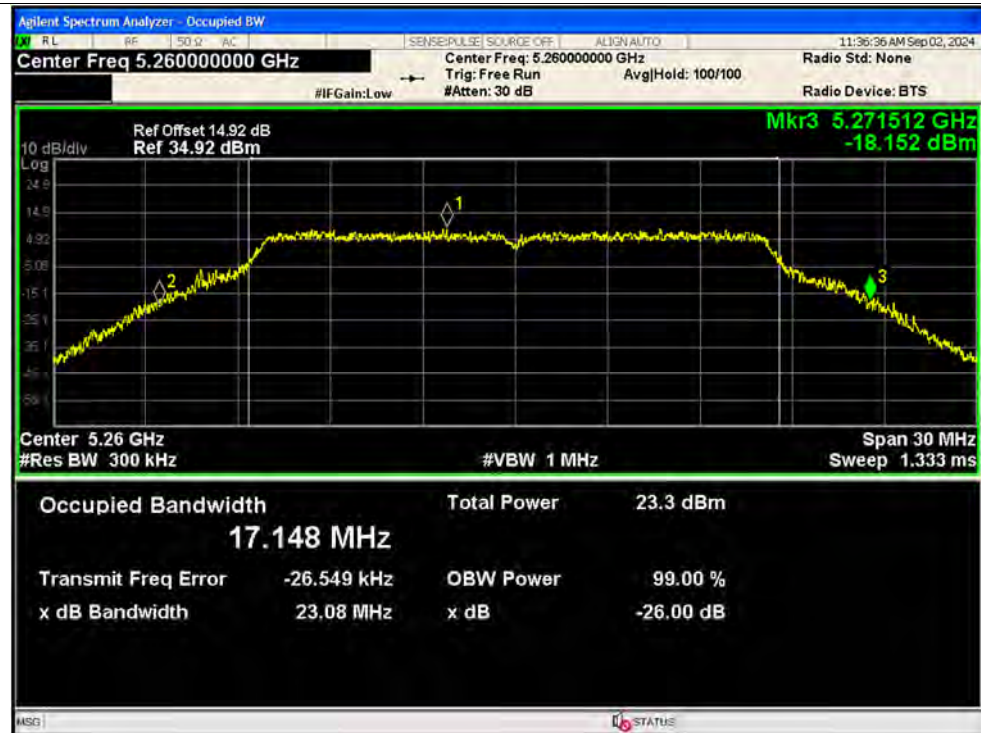
-26dB Bandwidth NVNT a 5220MHz Ant12 SISO



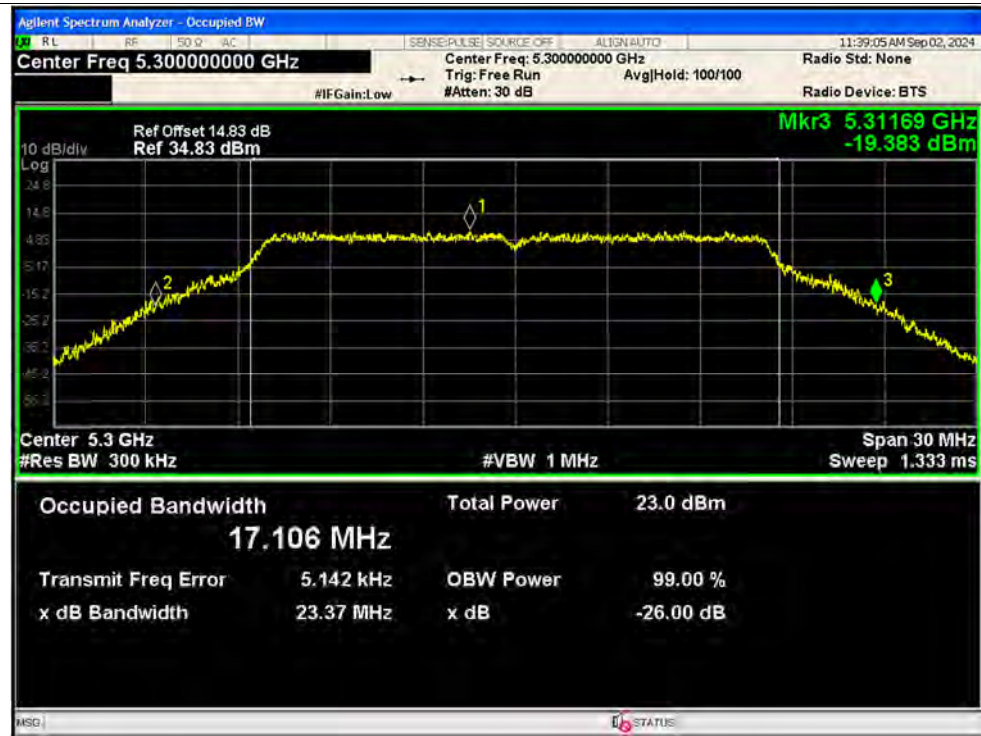
-26dB Bandwidth NVNT a 5240MHz Ant12 SISO



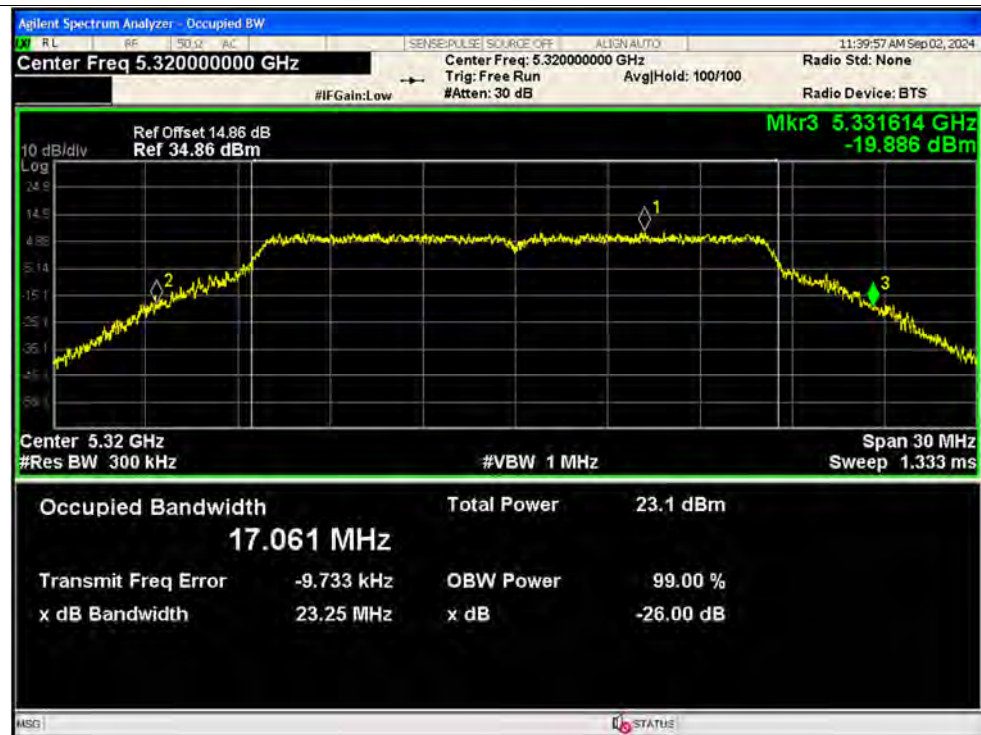
-26dB Bandwidth NVNT a 5260MHz Ant12 SISO



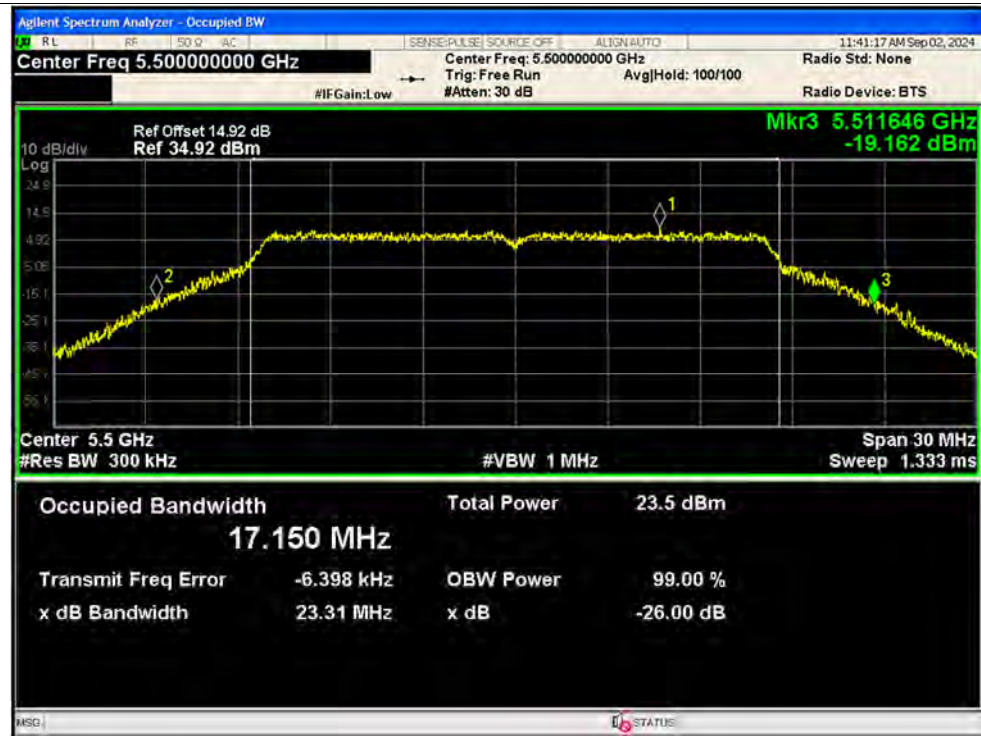
-26dB Bandwidth NVNT a 5300MHz Ant12 SISO



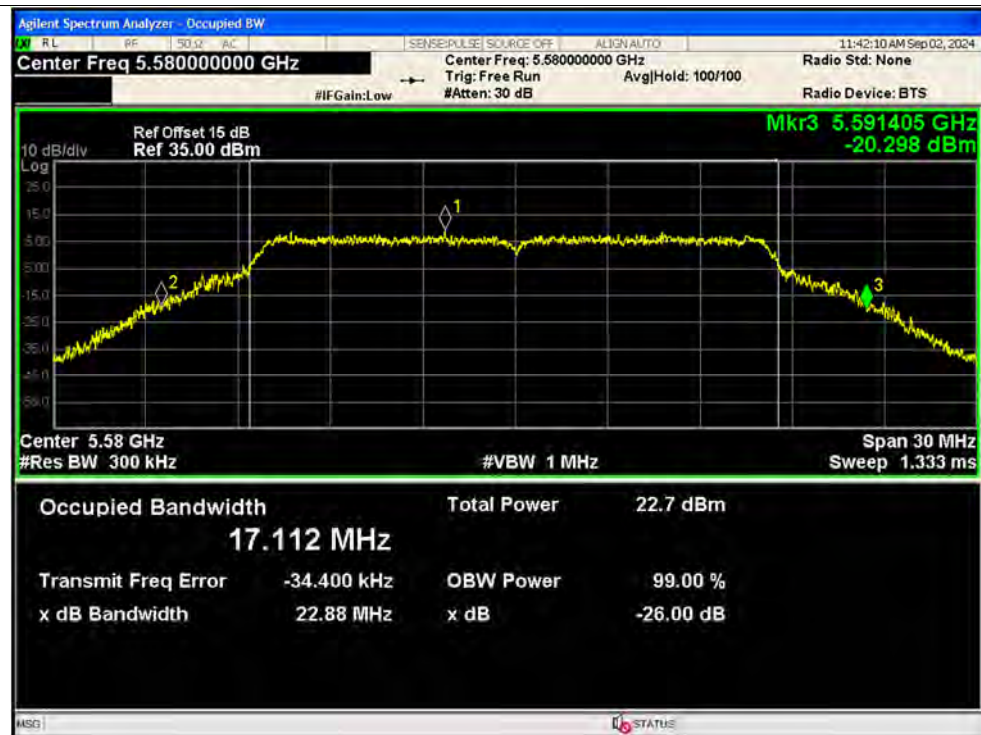
-26dB Bandwidth NVNT a 5320MHz Ant12 SISO



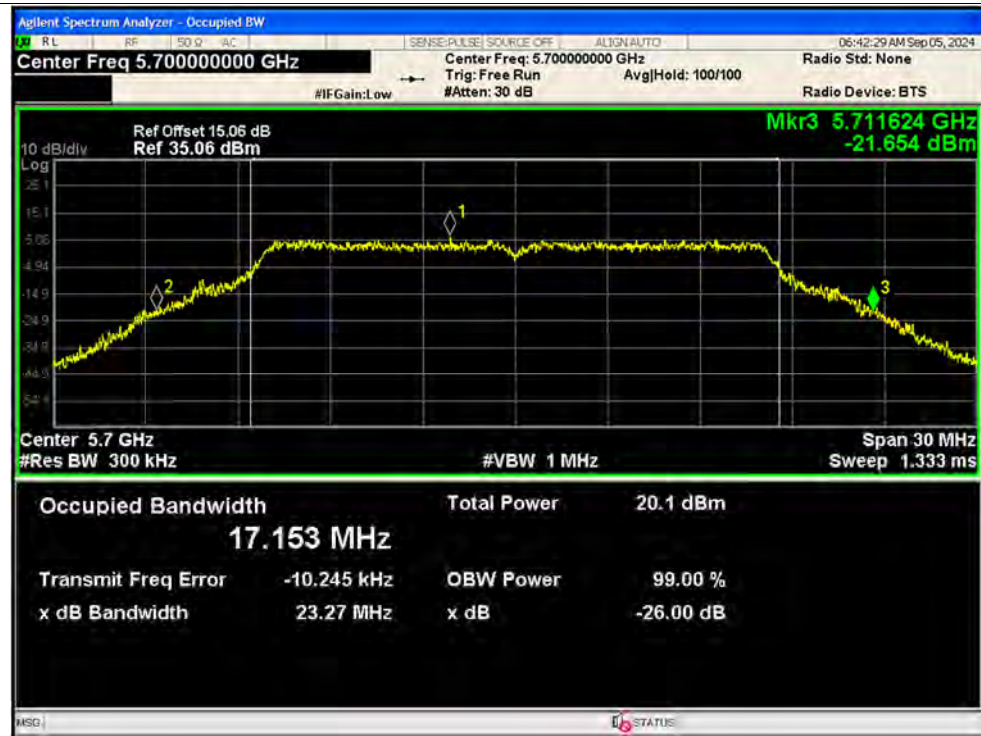
-26dB Bandwidth NVNT a 5500MHz Ant12 SISO



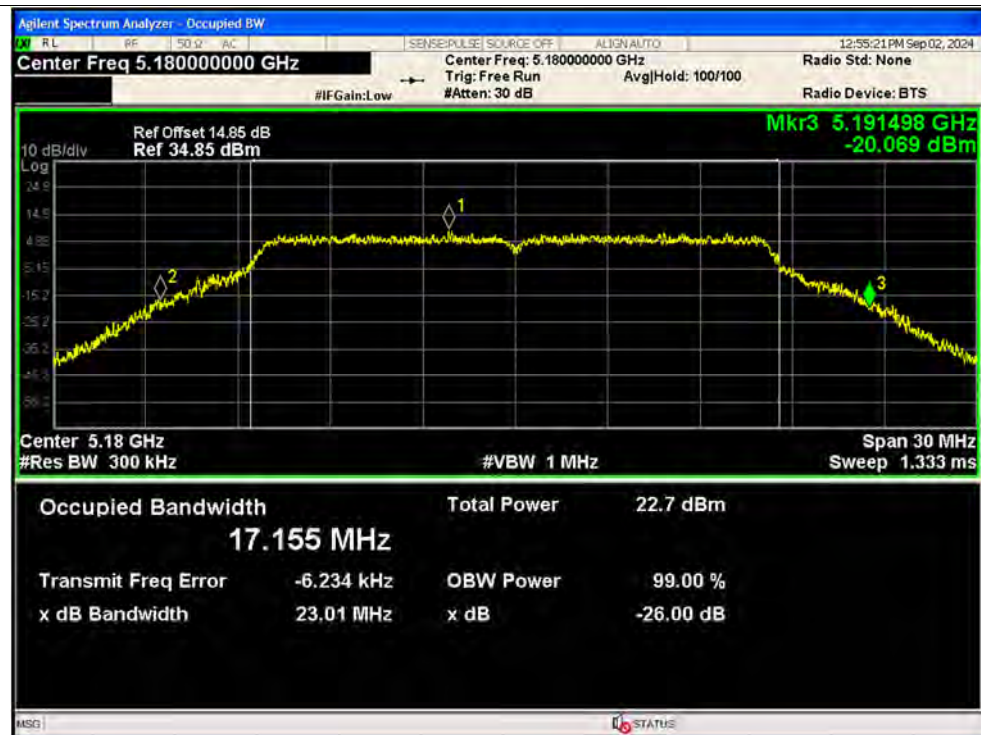
-26dB Bandwidth NVNT a 5580MHz Ant12 SISO



-26dB Bandwidth NVNT a 5700MHz Ant12 SISO

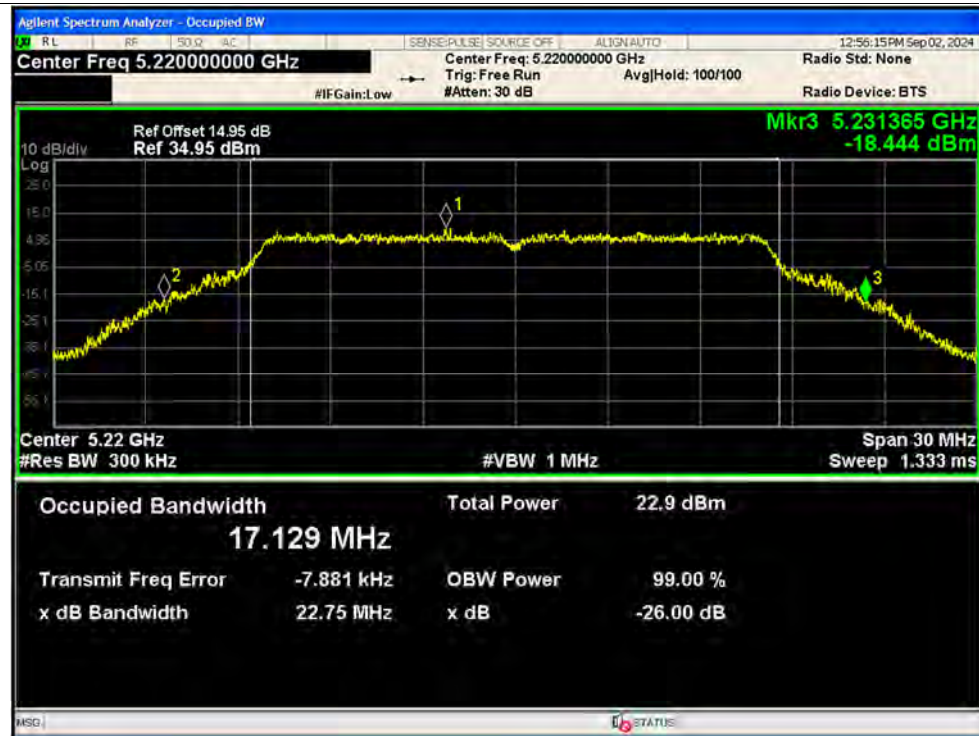


-26dB Bandwidth NVNT a 5180MHz Ant13 SISO

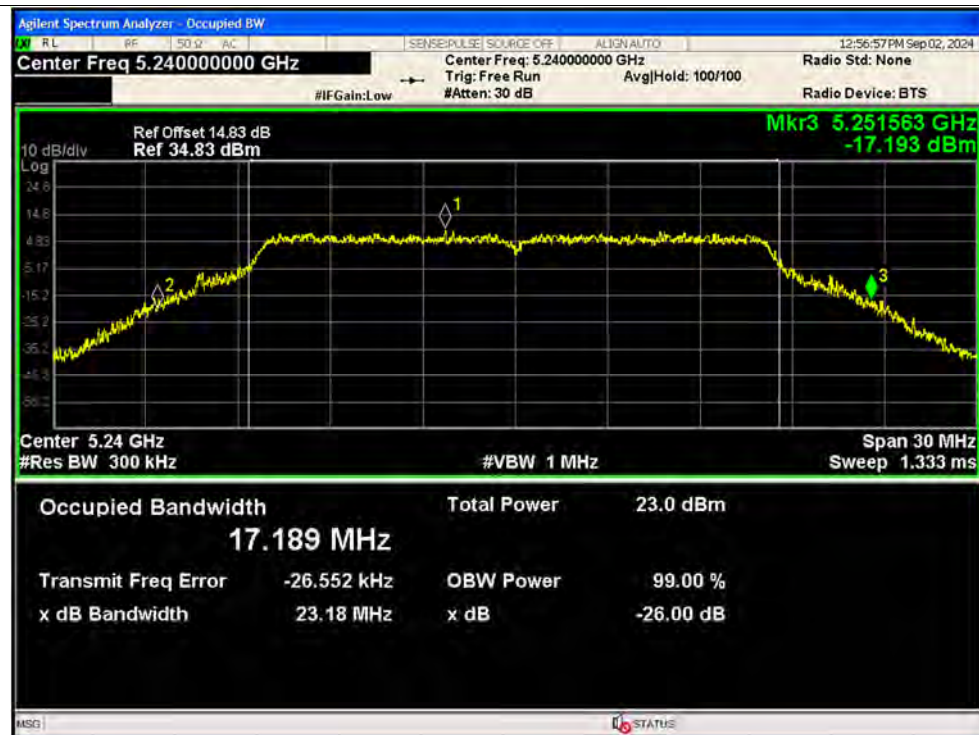




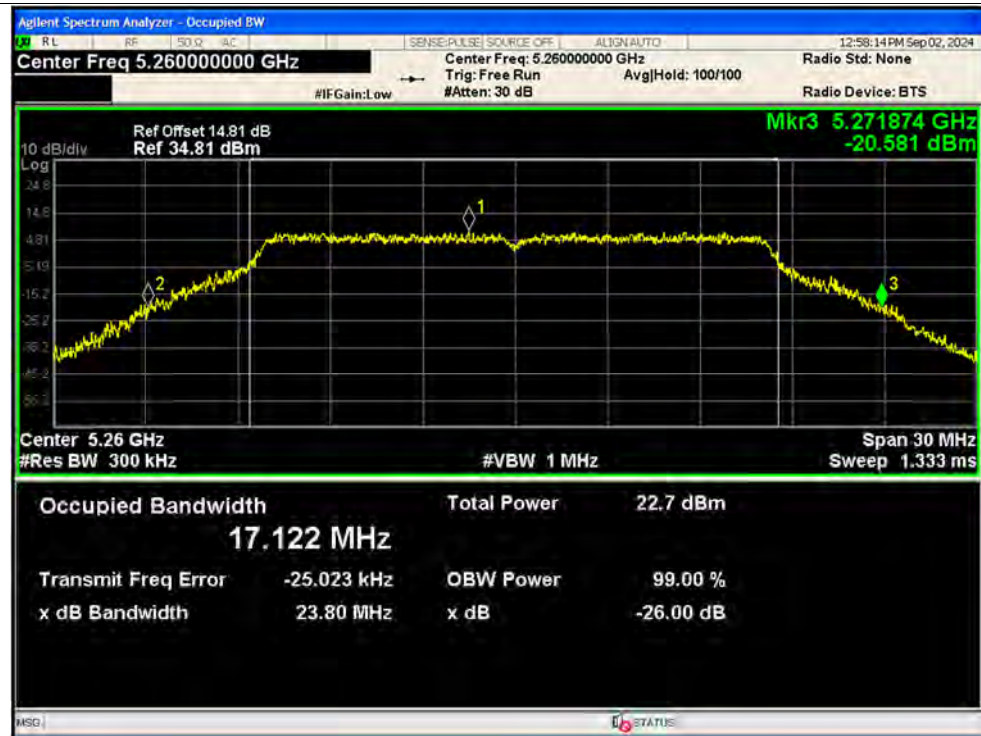
-26dB Bandwidth NVNT a 5220MHz Ant13 SISO



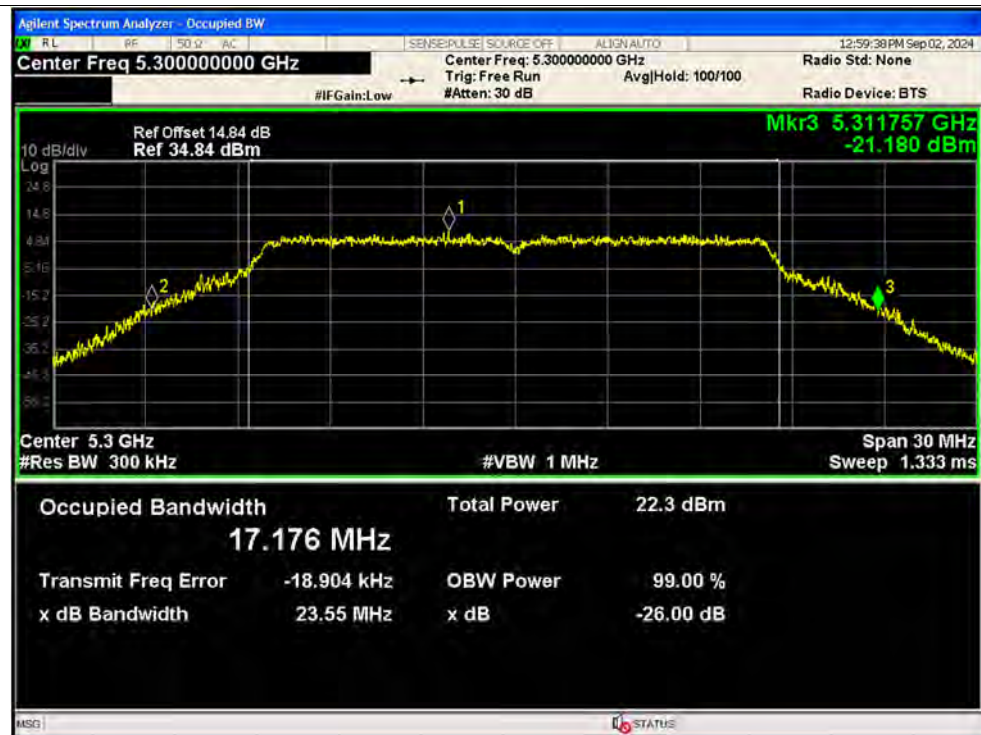
-26dB Bandwidth NVNT a 5240MHz Ant13 SISO



-26dB Bandwidth NVNT a 5260MHz Ant13 SISO

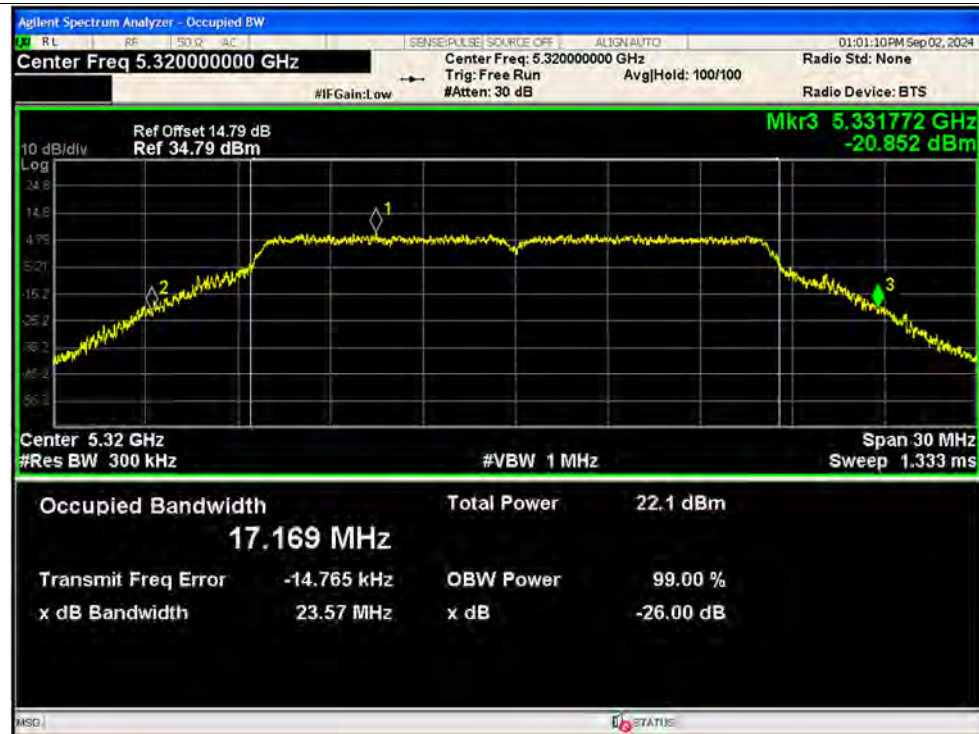


-26dB Bandwidth NVNT a 5300MHz Ant13 SISO

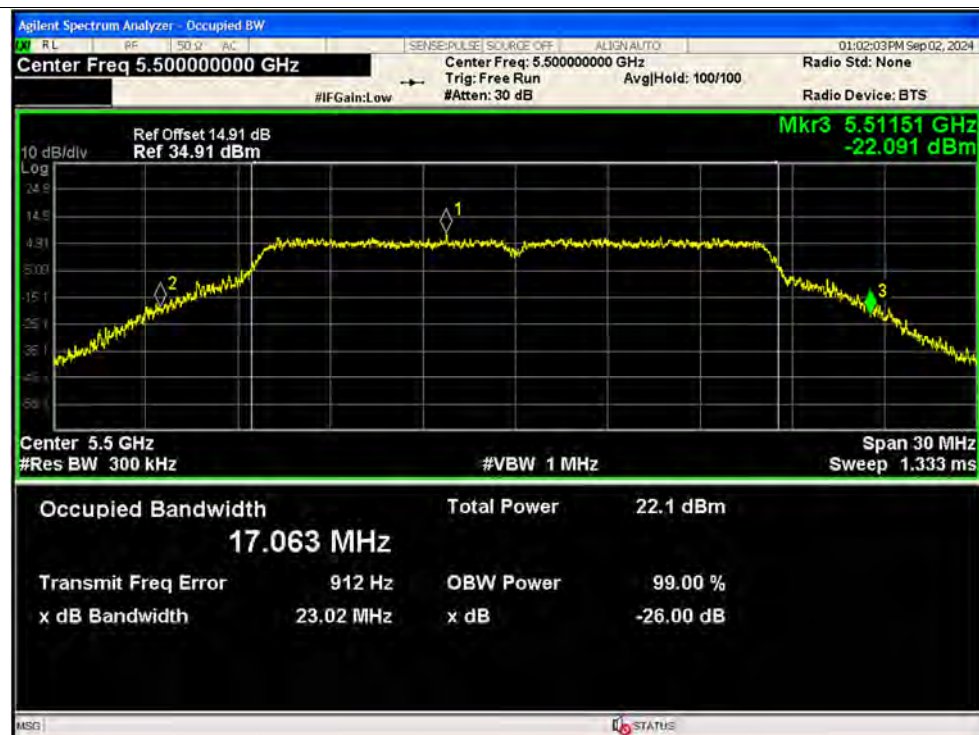




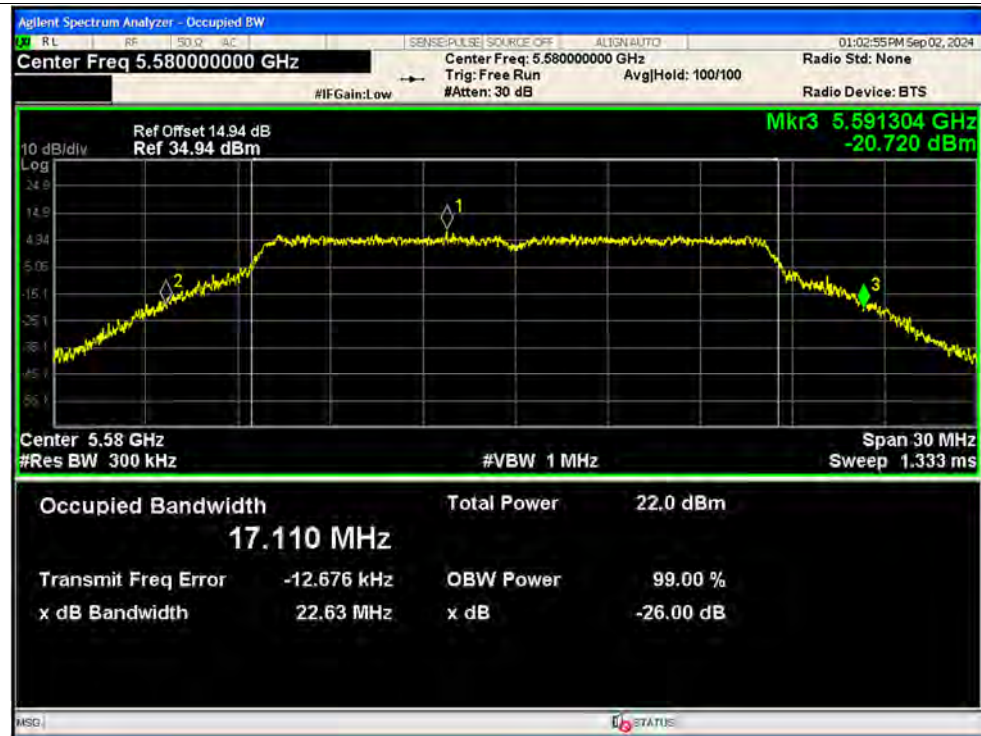
-26dB Bandwidth NVNT a 5320MHz Ant13 SISO



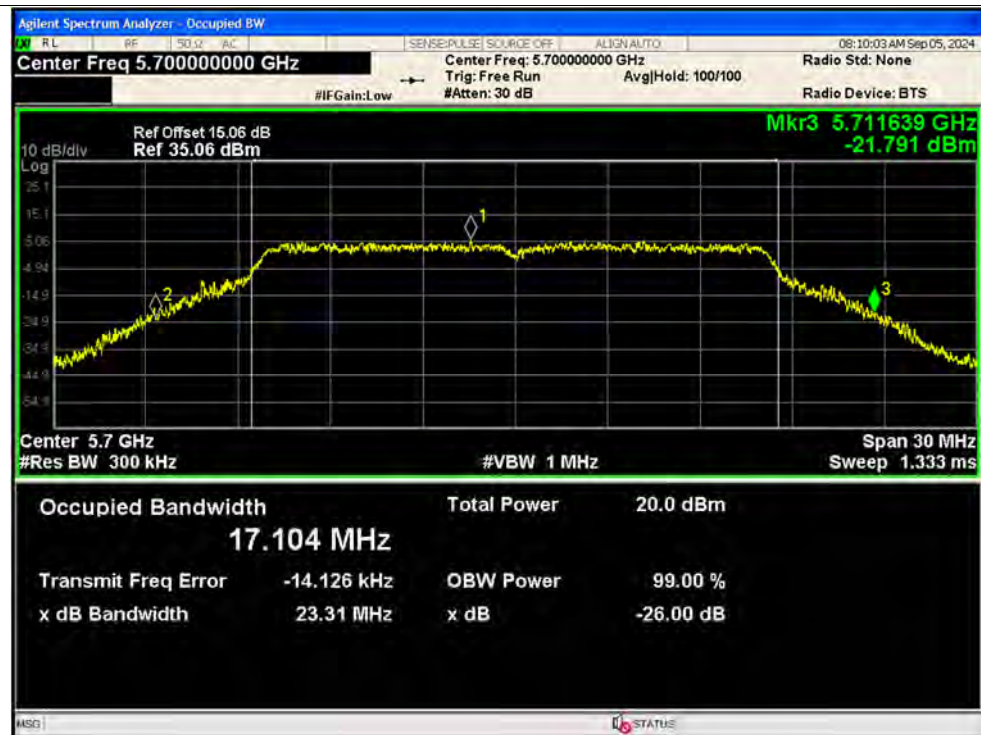
-26dB Bandwidth NVNT a 5500MHz Ant13 SISO



-26dB Bandwidth NVNT a 5580MHz Ant13 SISO

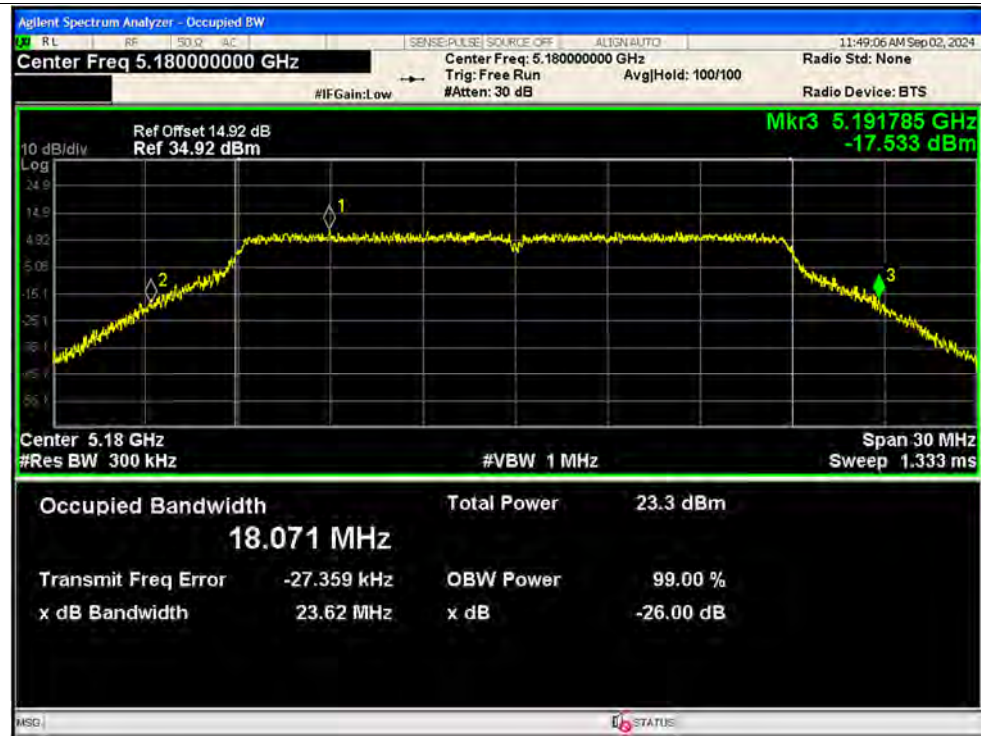


-26dB Bandwidth NVNT a 5700MHz Ant13 SISO

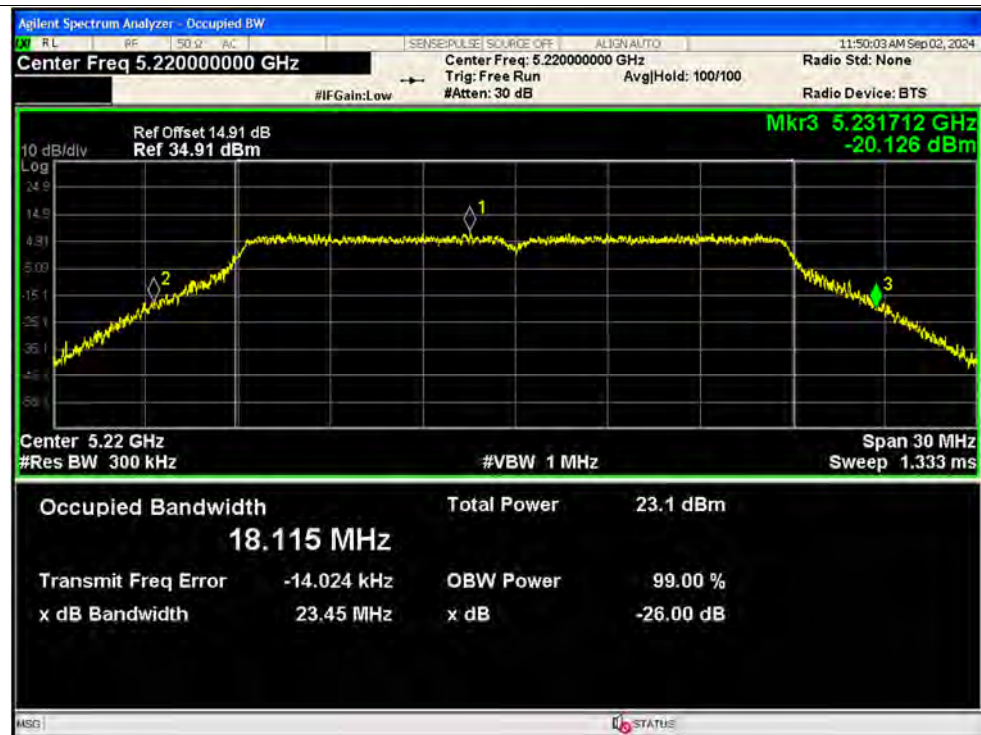




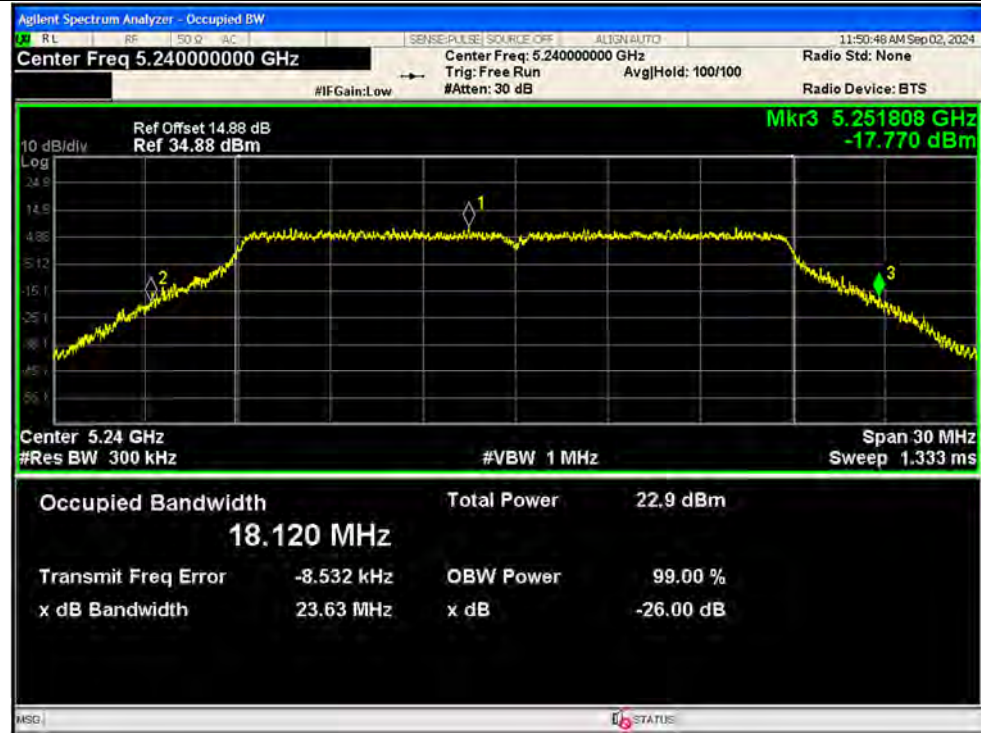
-26dB Bandwidth NVNT n20 5180MHz Ant12 SISO



-26dB Bandwidth NVNT n20 5220MHz Ant12 SISO



-26dB Bandwidth NVNT n20 5240MHz Ant12 SISO

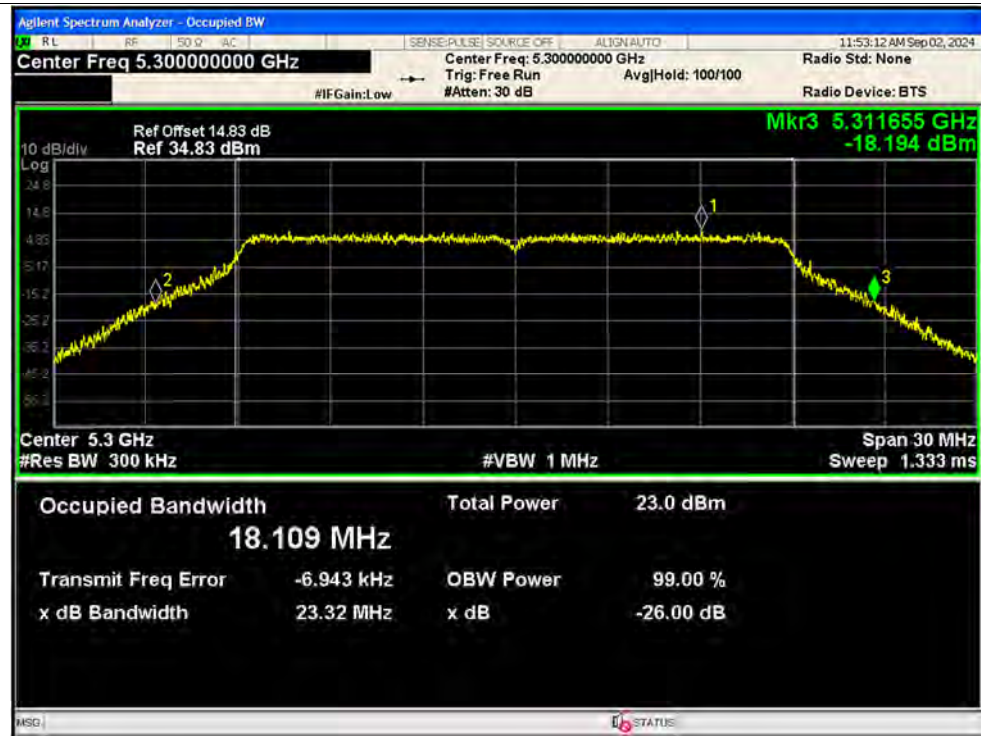


-26dB Bandwidth NVNT n20 5260MHz Ant12 SISO

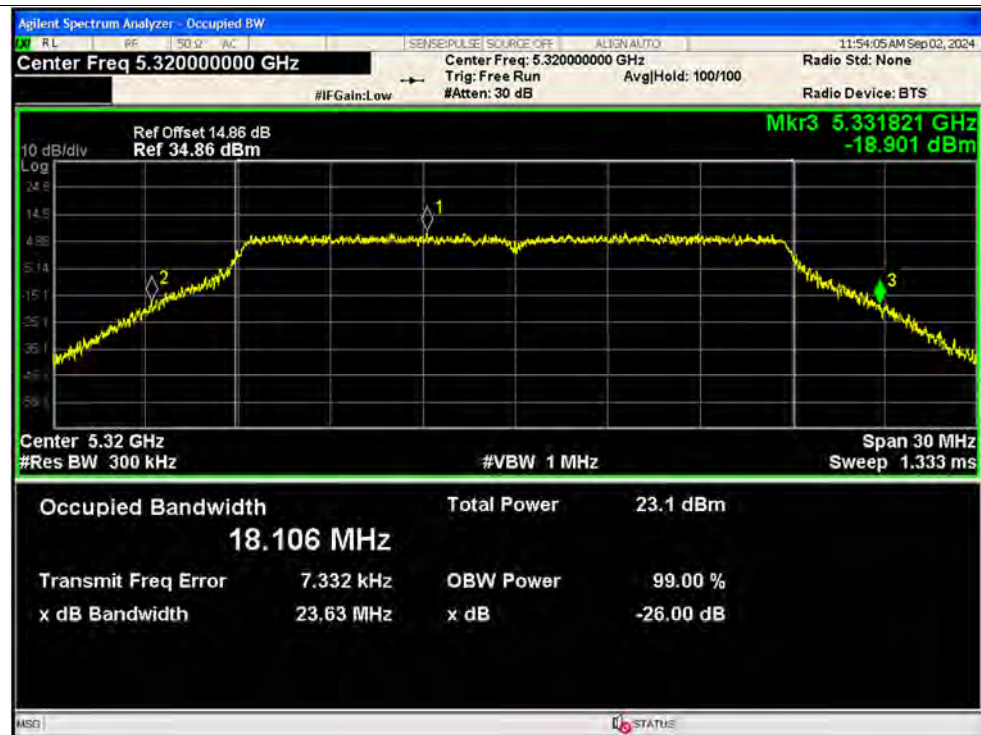




-26dB Bandwidth NVNT n20 5300MHz Ant12 SISO

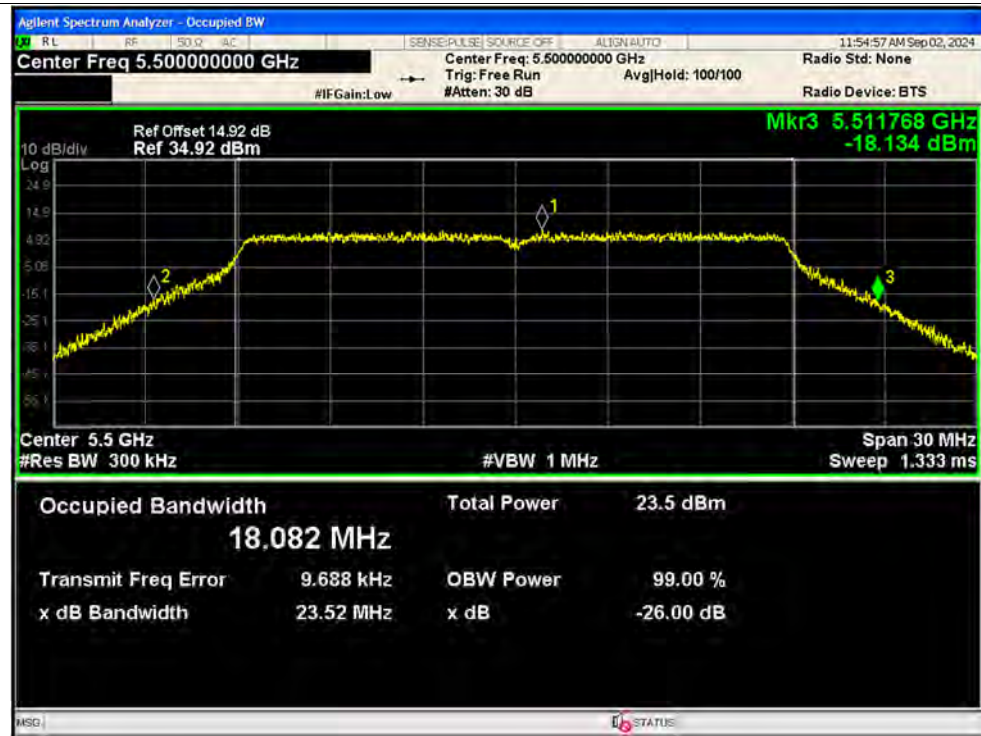


-26dB Bandwidth NVNT n20 5320MHz Ant12 SISO

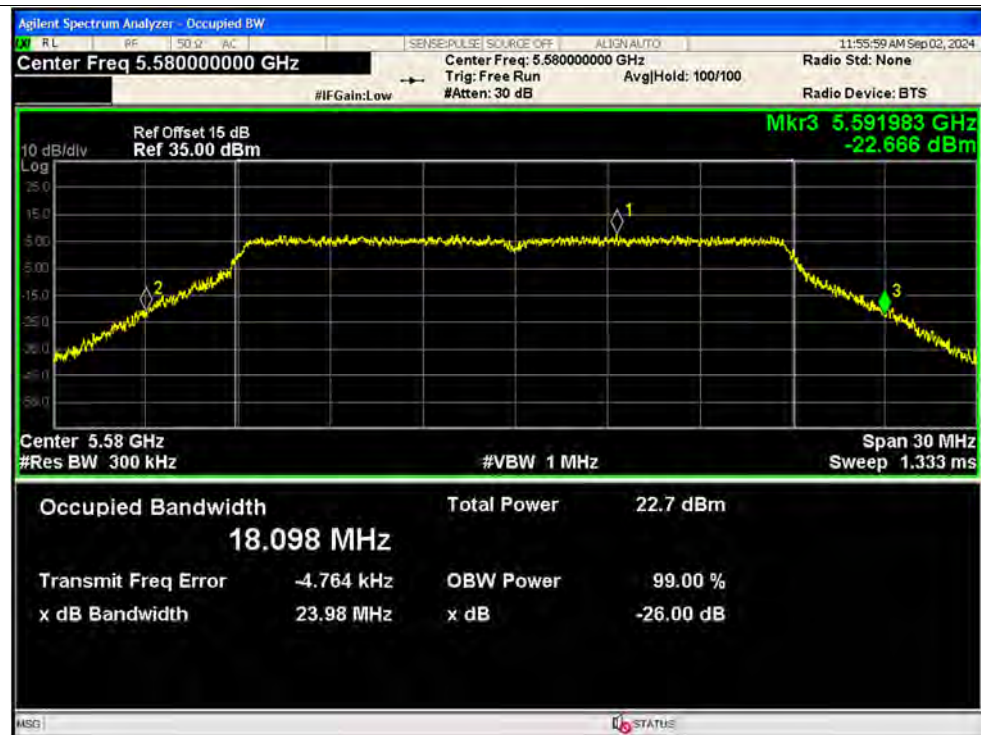




-26dB Bandwidth NVNT n20 5500MHz Ant12 SISO

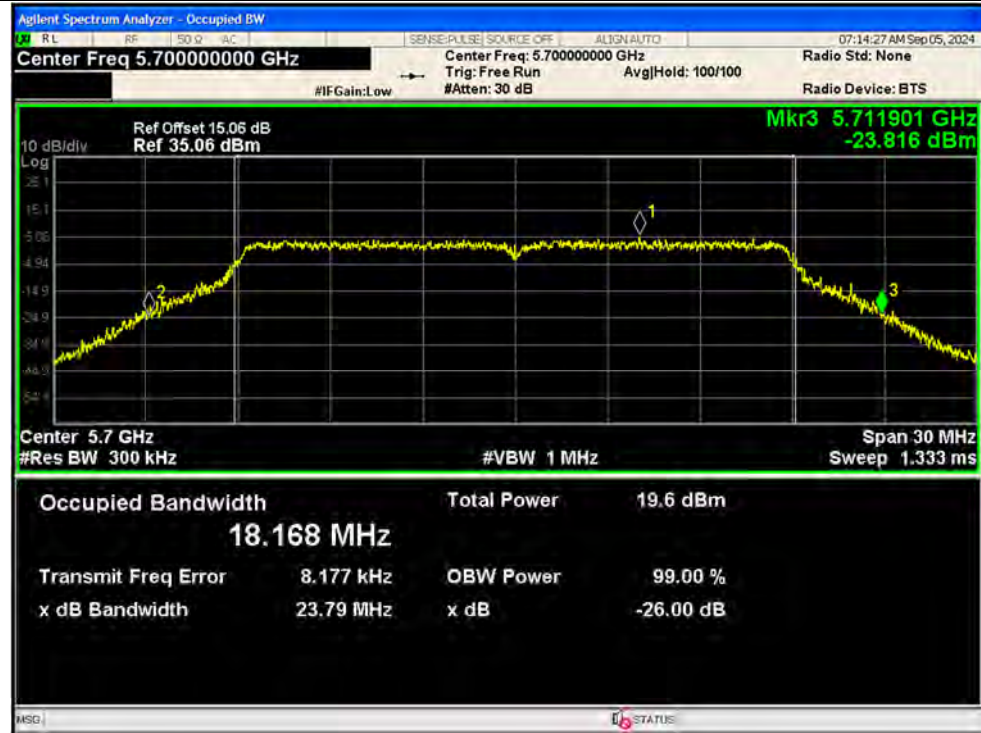


-26dB Bandwidth NVNT n20 5580MHz Ant12 SISO

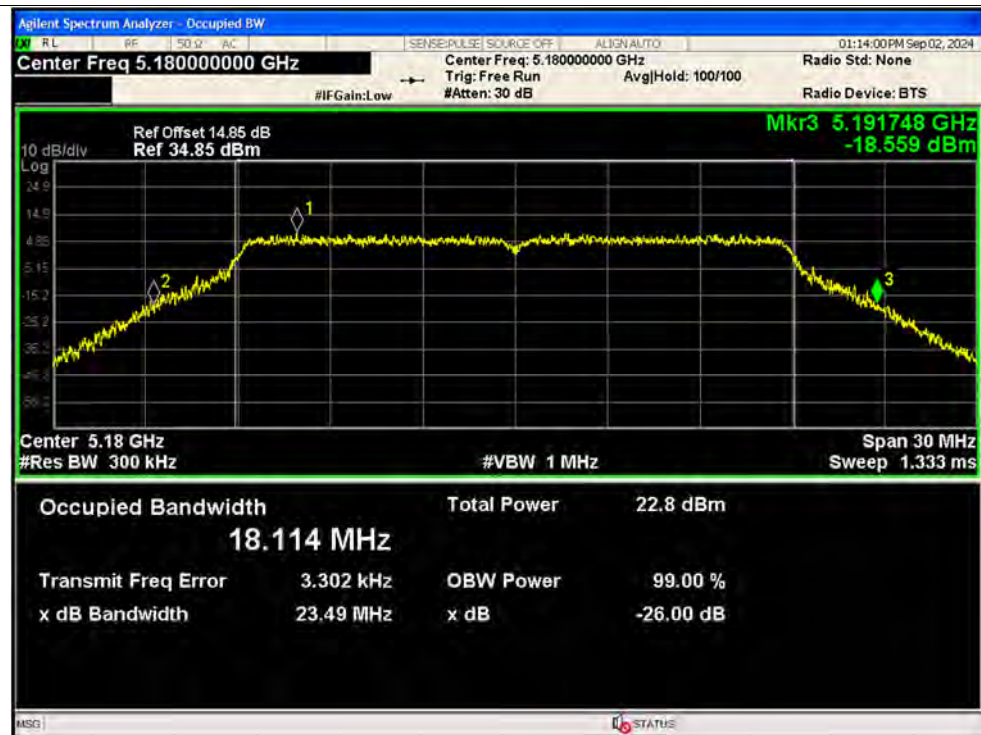




-26dB Bandwidth NVNT n20 5700MHz Ant12 SISO

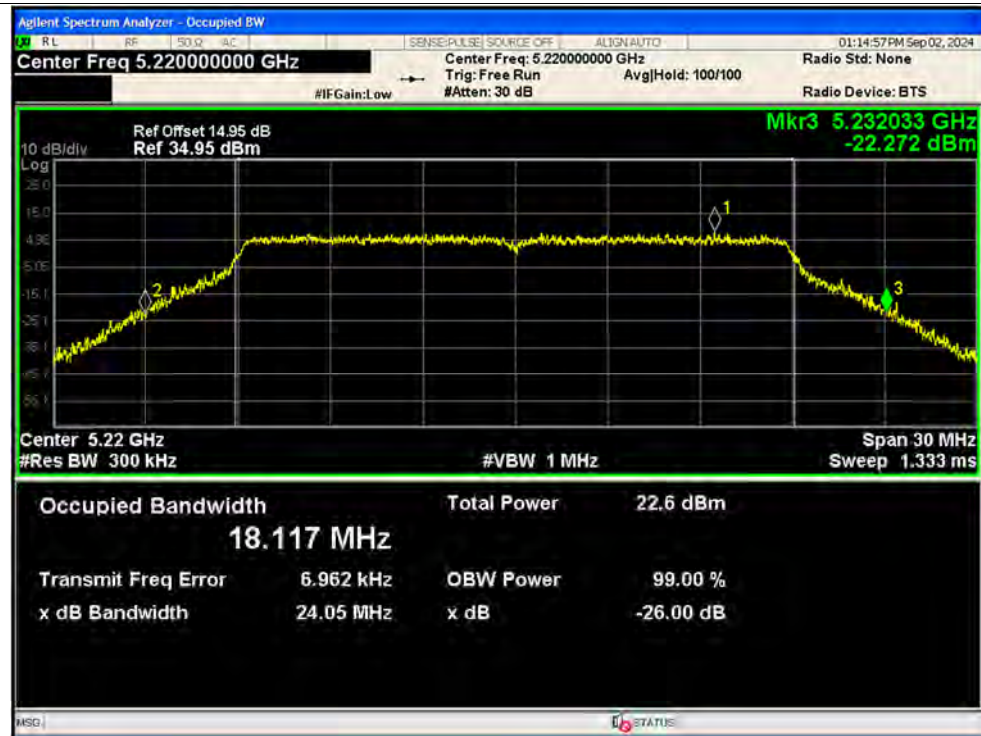


-26dB Bandwidth NVNT n20 5180MHz Ant13 SISO

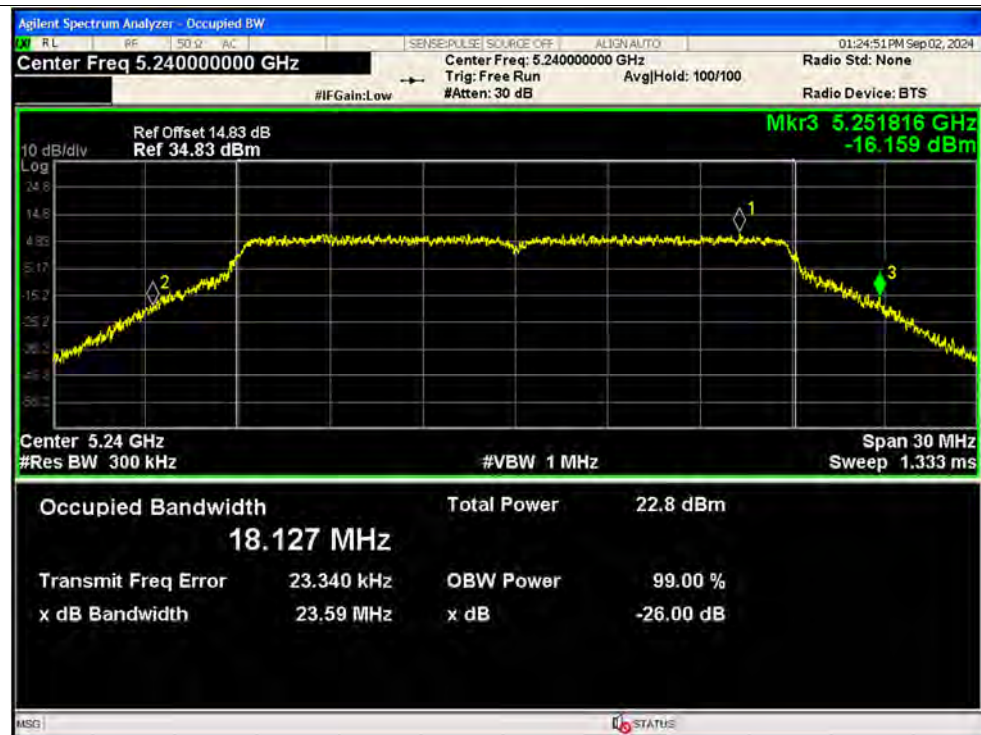




-26dB Bandwidth NVNT n20 5220MHz Ant13 SISO

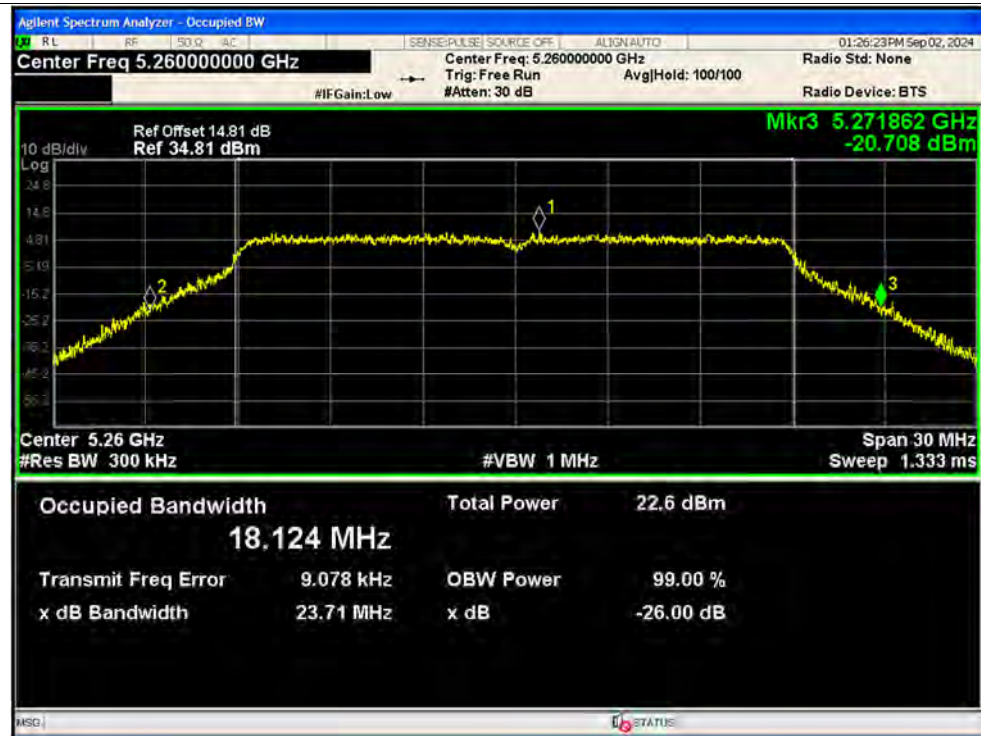


-26dB Bandwidth NVNT n20 5240MHz Ant13 SISO

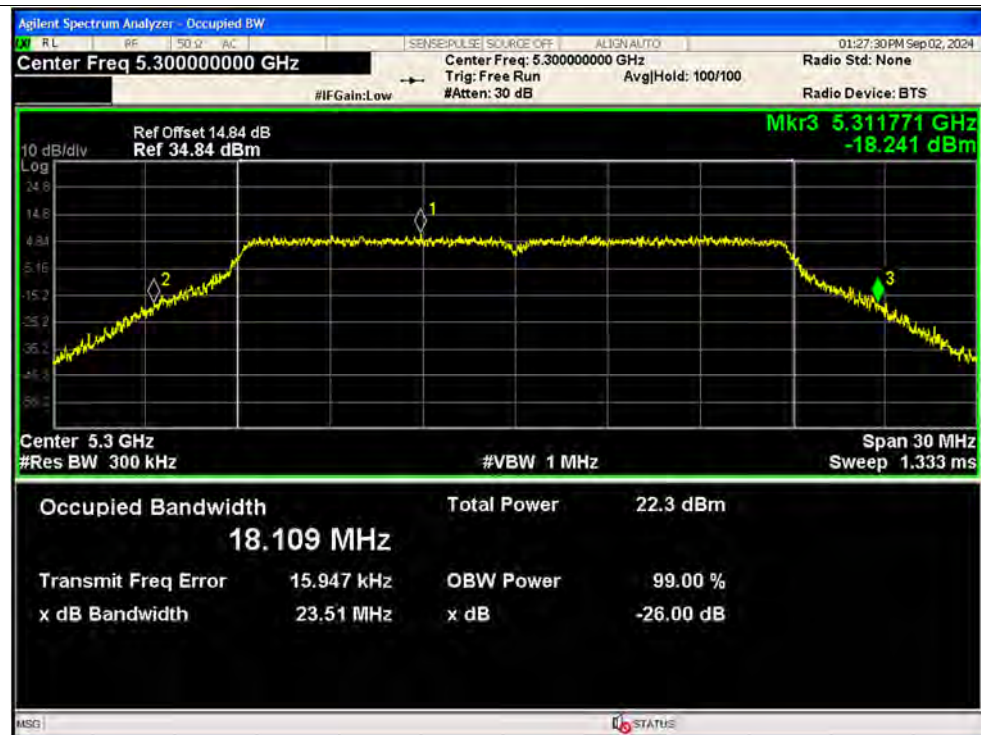




-26dB Bandwidth NVNT n20 5260MHz Ant13 SISO

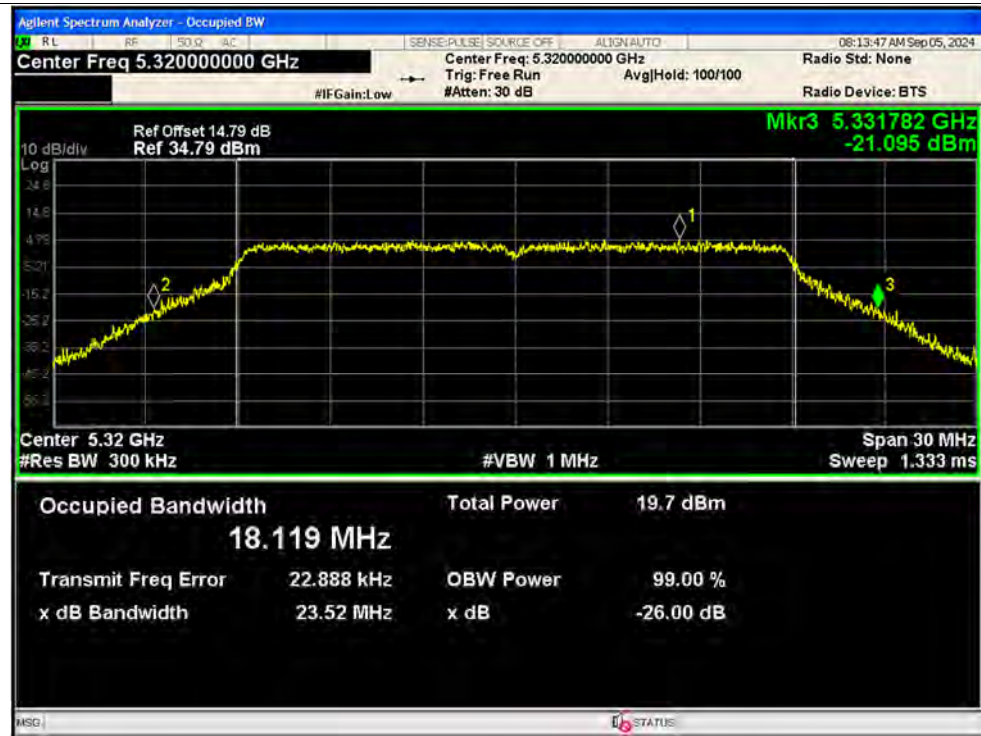


-26dB Bandwidth NVNT n20 5300MHz Ant13 SISO

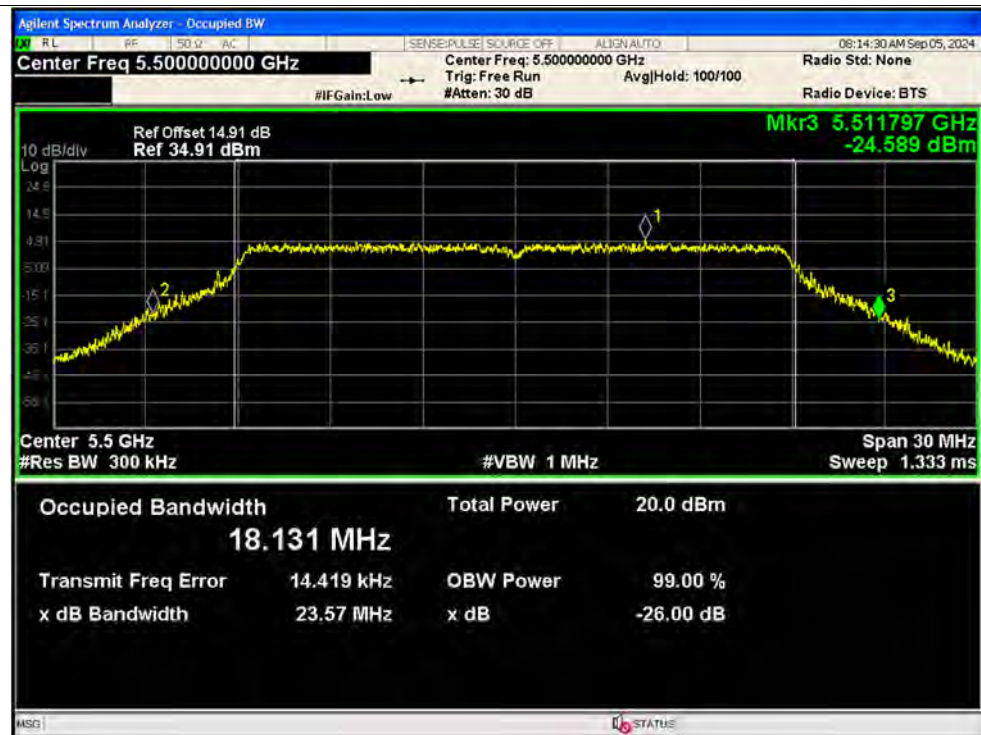




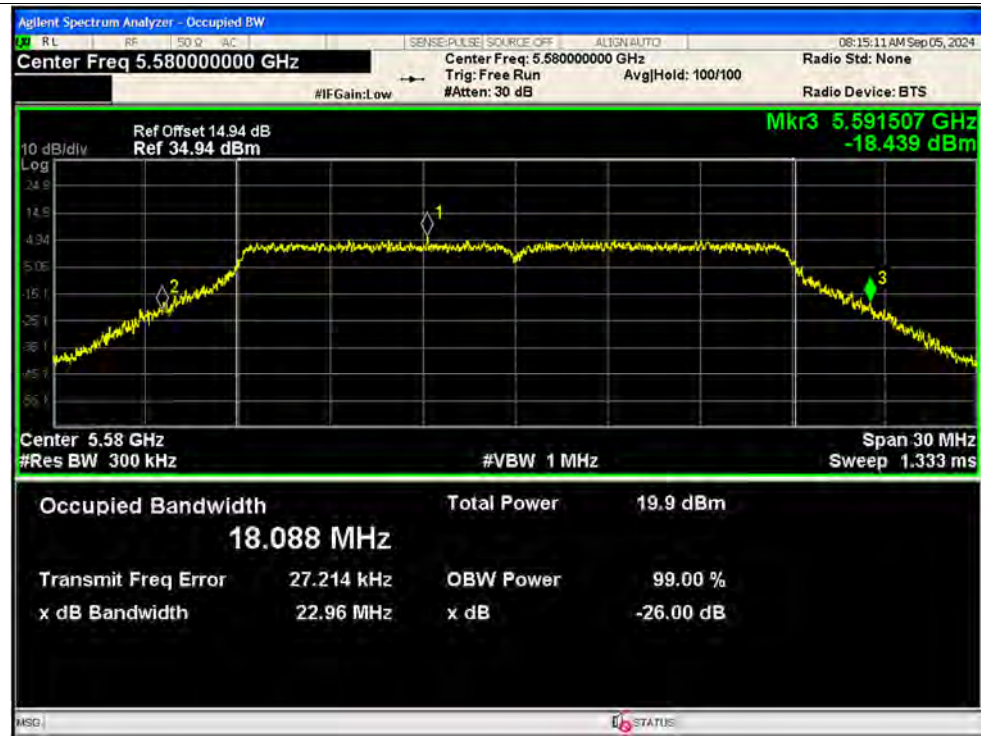
-26dB Bandwidth NVNT n20 5320MHz Ant13 SISO



-26dB Bandwidth NVNT n20 5500MHz Ant13 SISO



-26dB Bandwidth NVNT n20 5580MHz Ant13 SISO

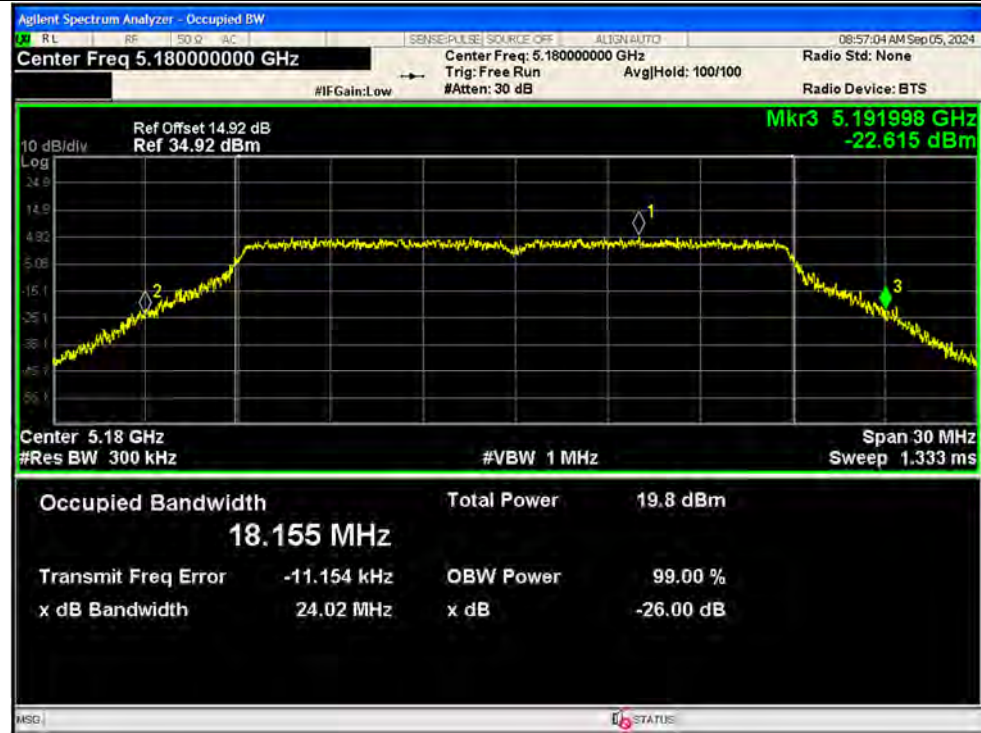


-26dB Bandwidth NVNT n20 5700MHz Ant13 SISO





-26dB Bandwidth NVNT n20 5180MHz Ant12 MIMO

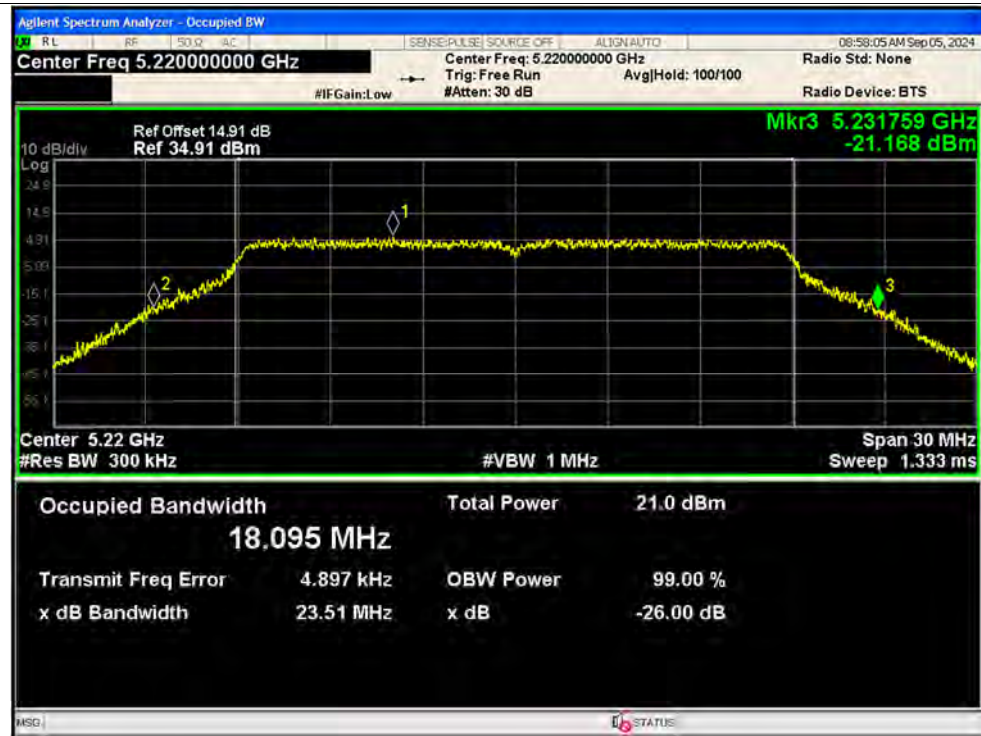


-26dB Bandwidth NVNT n20 5180MHz Ant13 MIMO

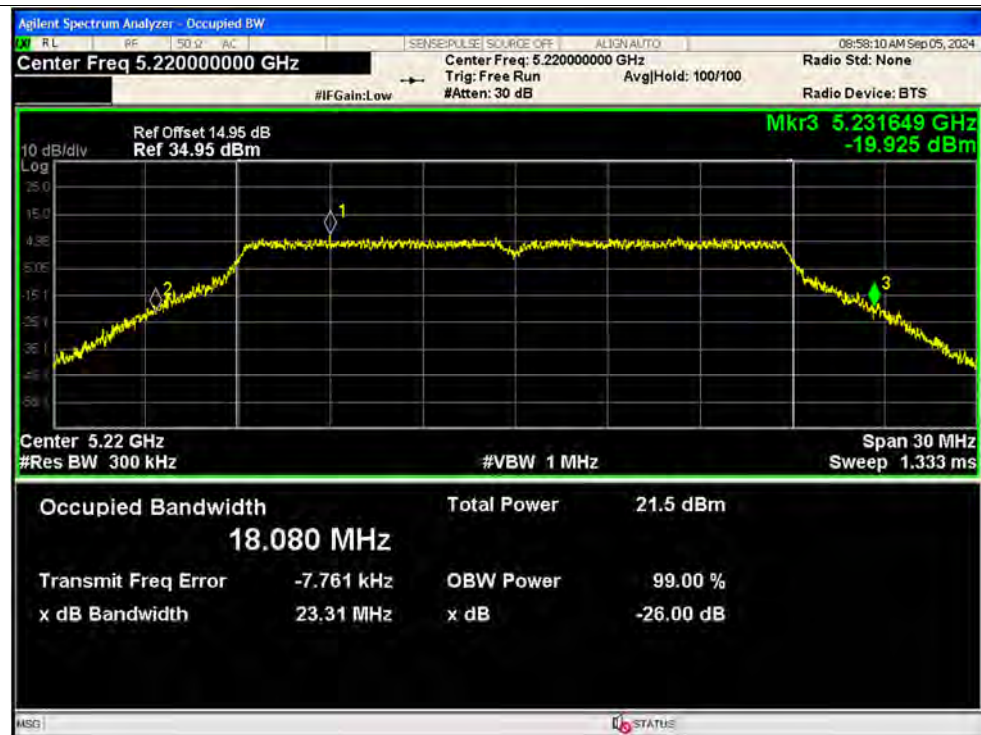




-26dB Bandwidth NVNT n20 5220MHz Ant12 MIMO

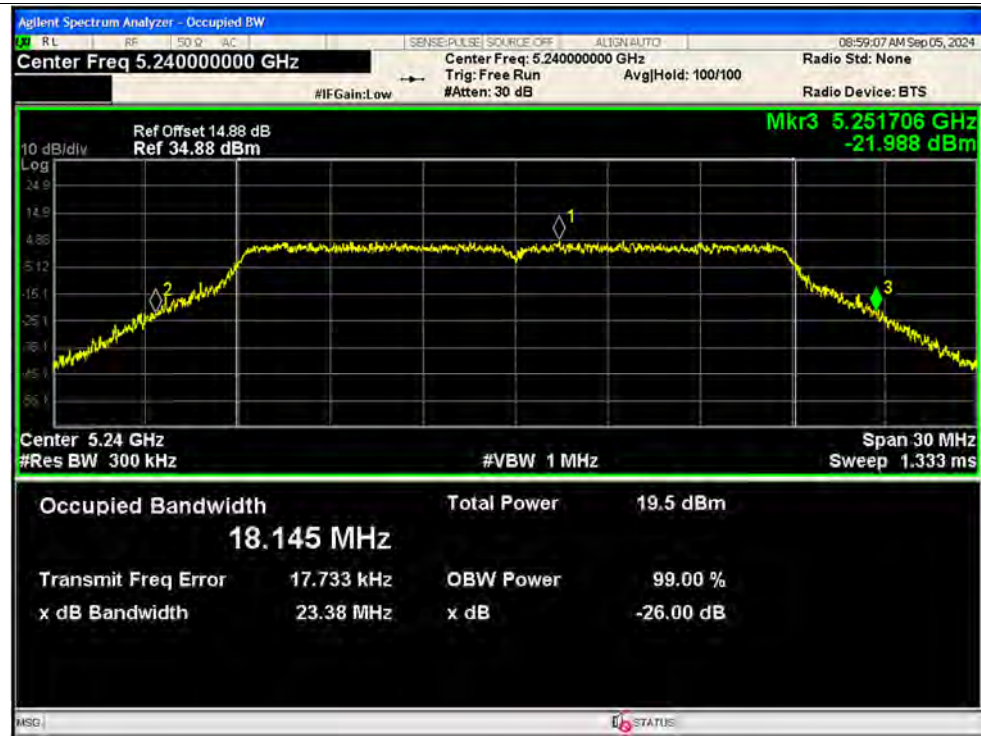


-26dB Bandwidth NVNT n20 5220MHz Ant13 MIMO

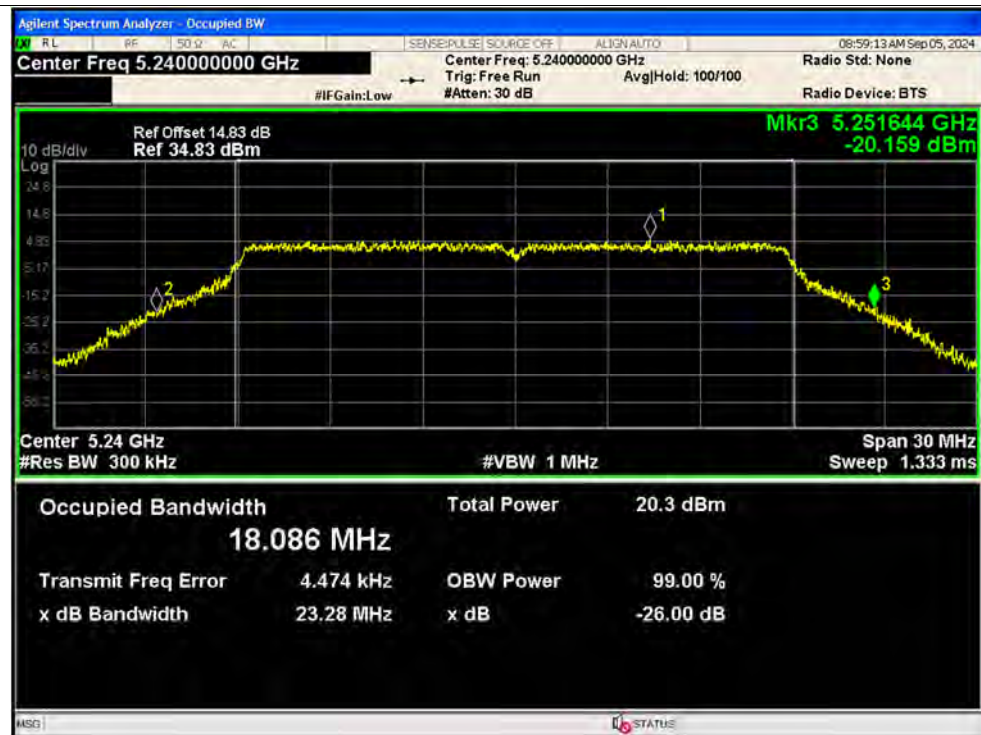




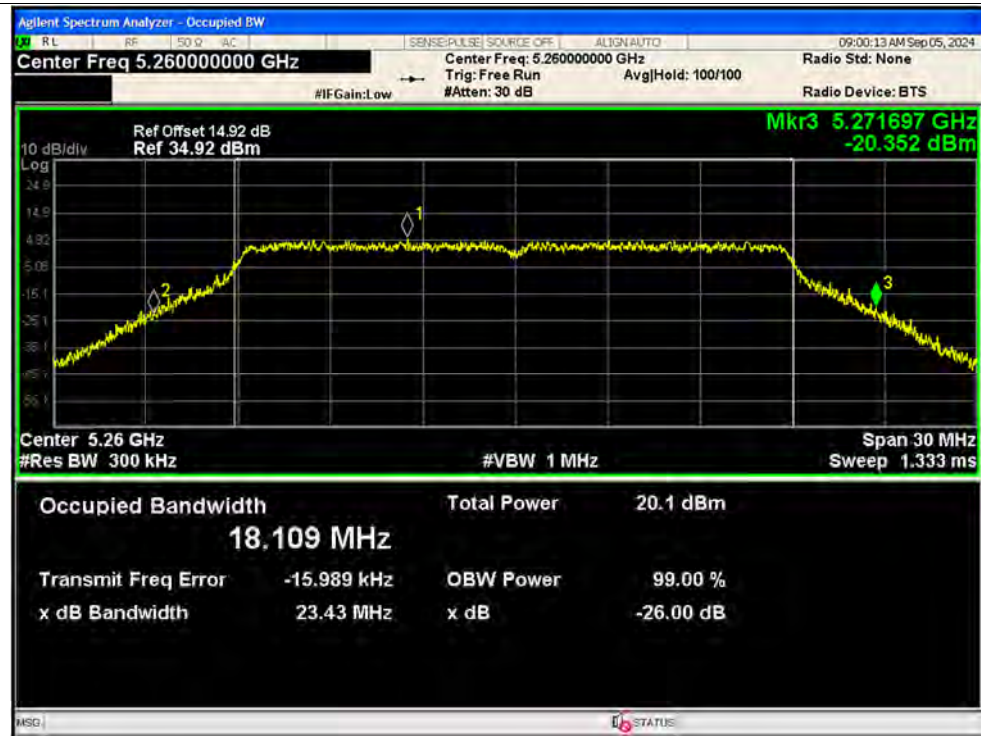
-26dB Bandwidth NVNT n20 5240MHz Ant12 MIMO



-26dB Bandwidth NVNT n20 5240MHz Ant13 MIMO



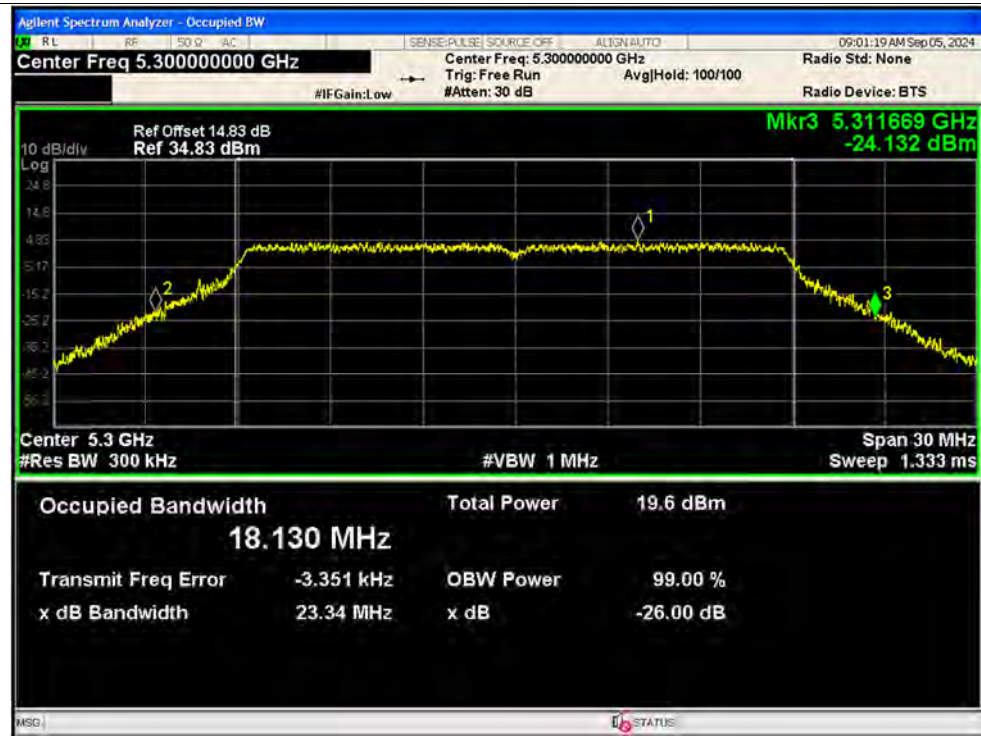
-26dB Bandwidth NVNT n20 5260MHz Ant12 MIMO



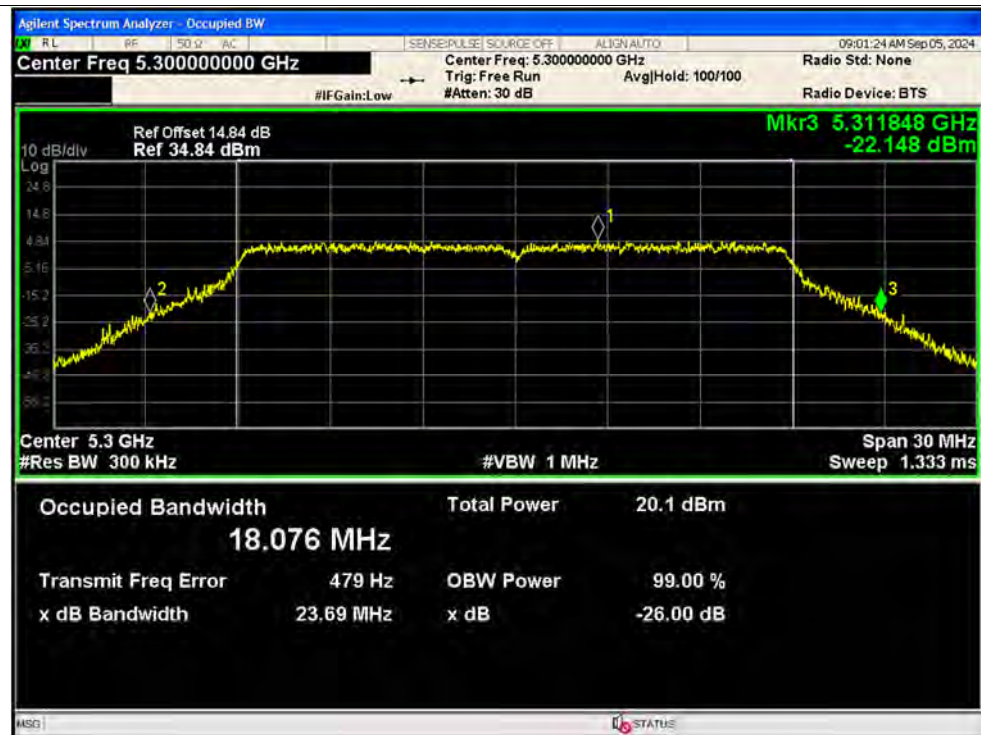
-26dB Bandwidth NVNT n20 5260MHz Ant13 MIMO



-26dB Bandwidth NVNT n20 5300MHz Ant12 MIMO

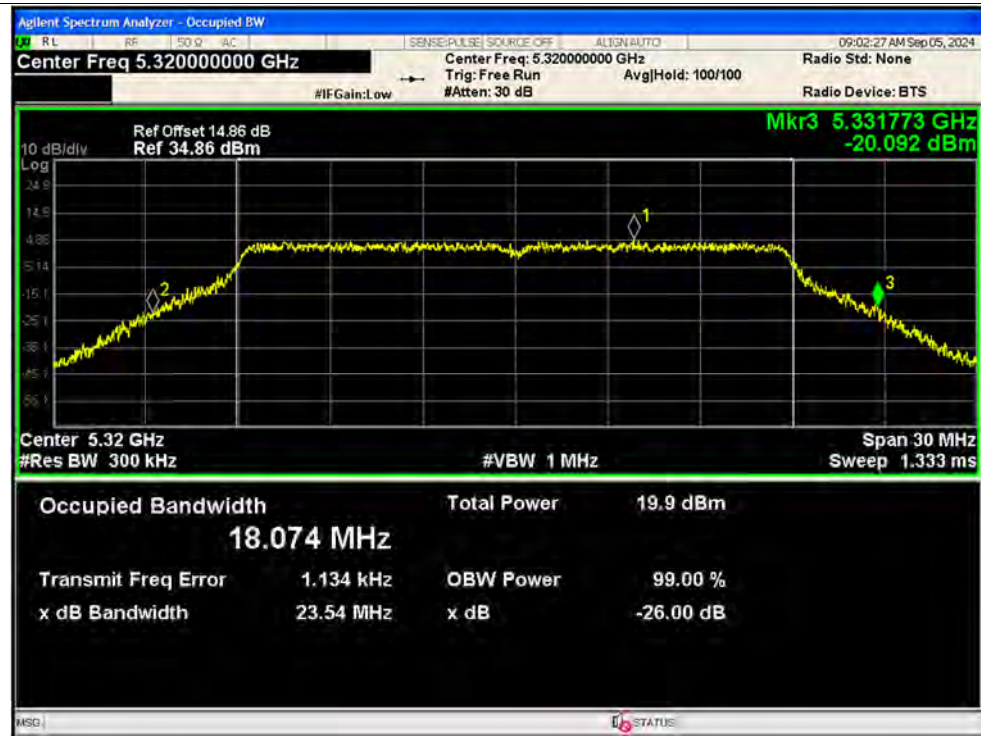


-26dB Bandwidth NVNT n20 5300MHz Ant13 MIMO





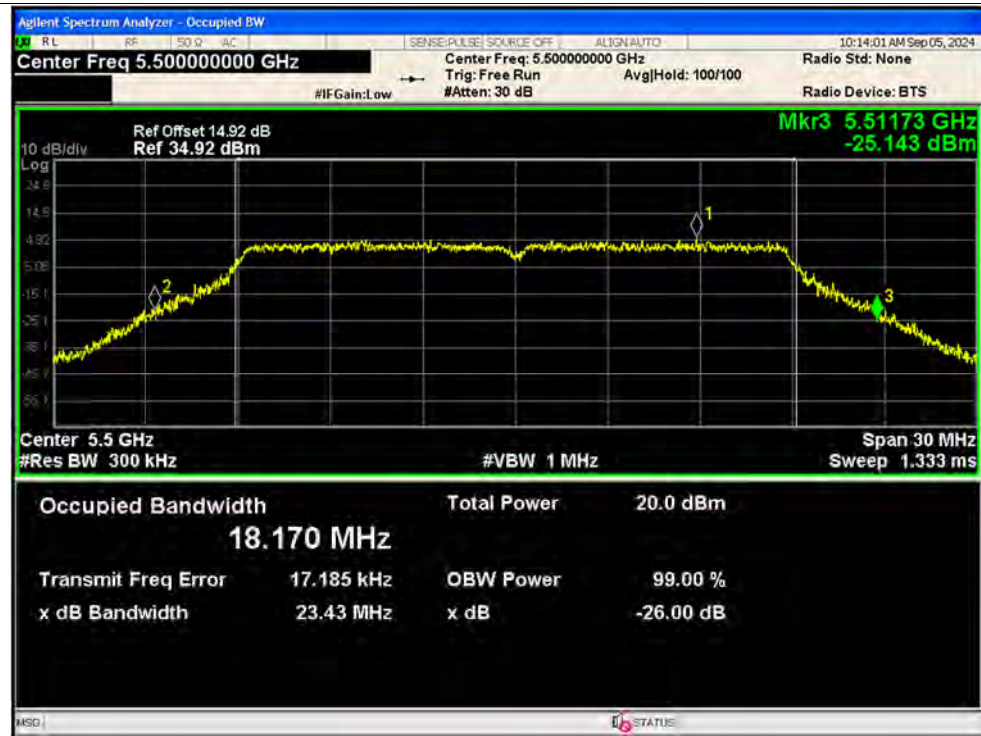
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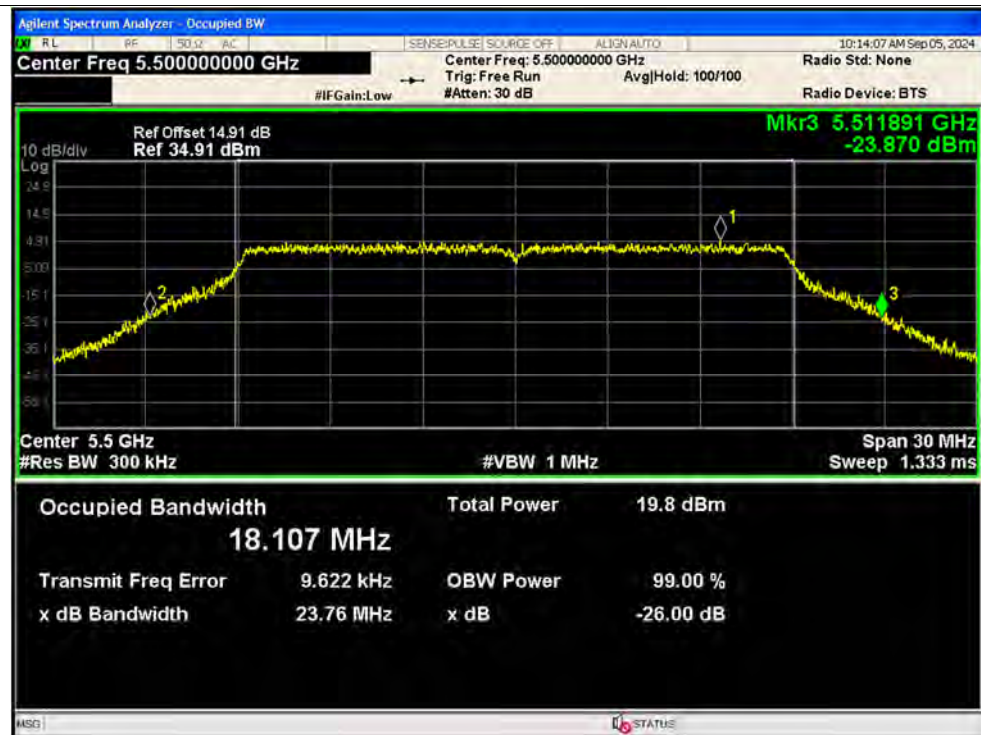
-26dB Bandwidth NVNT n20 5320MHz Ant13 MIMO



-26dB Bandwidth NVNT n20 5500MHz Ant12 MIMO

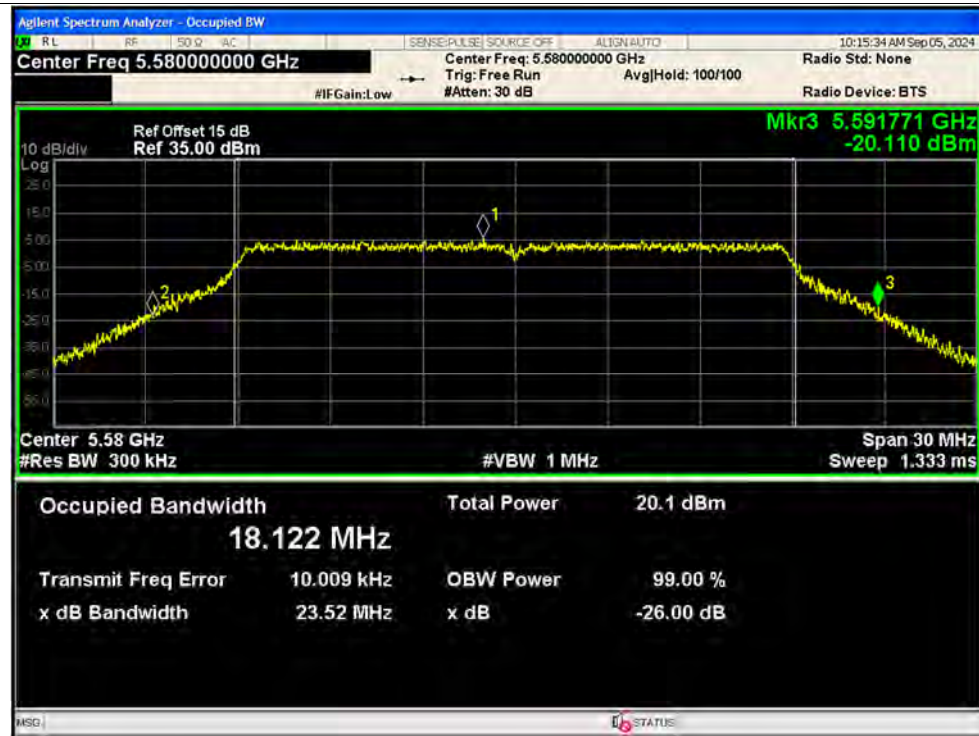


-26dB Bandwidth NVNT n20 5500MHz Ant13 MIMO

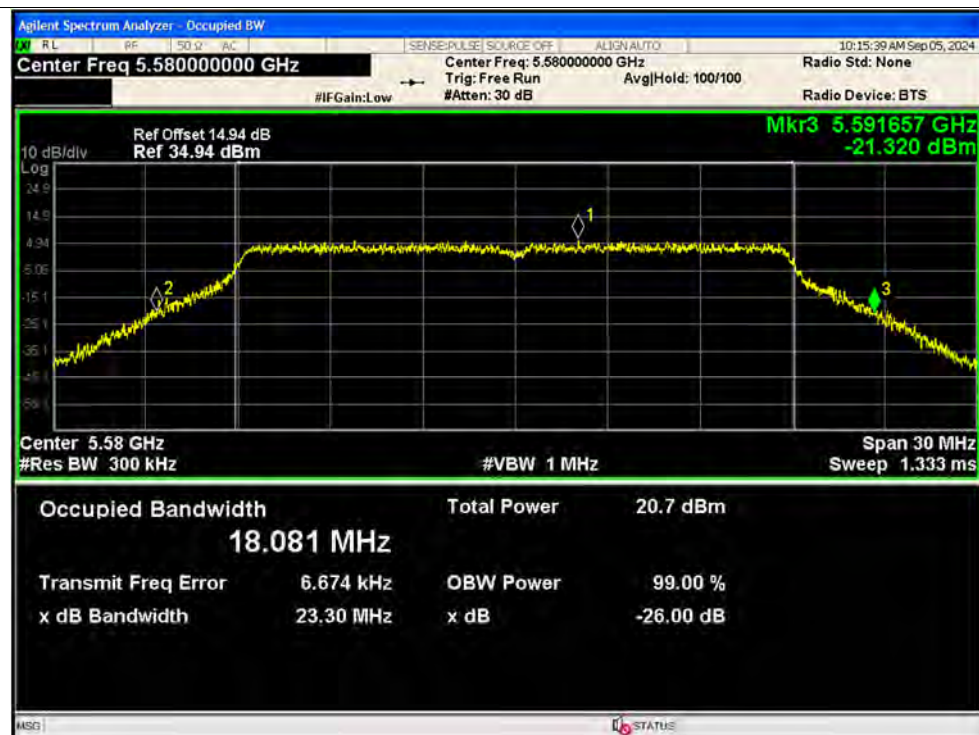




-26dB Bandwidth NVNT n20 5580MHz Ant12 MIMO

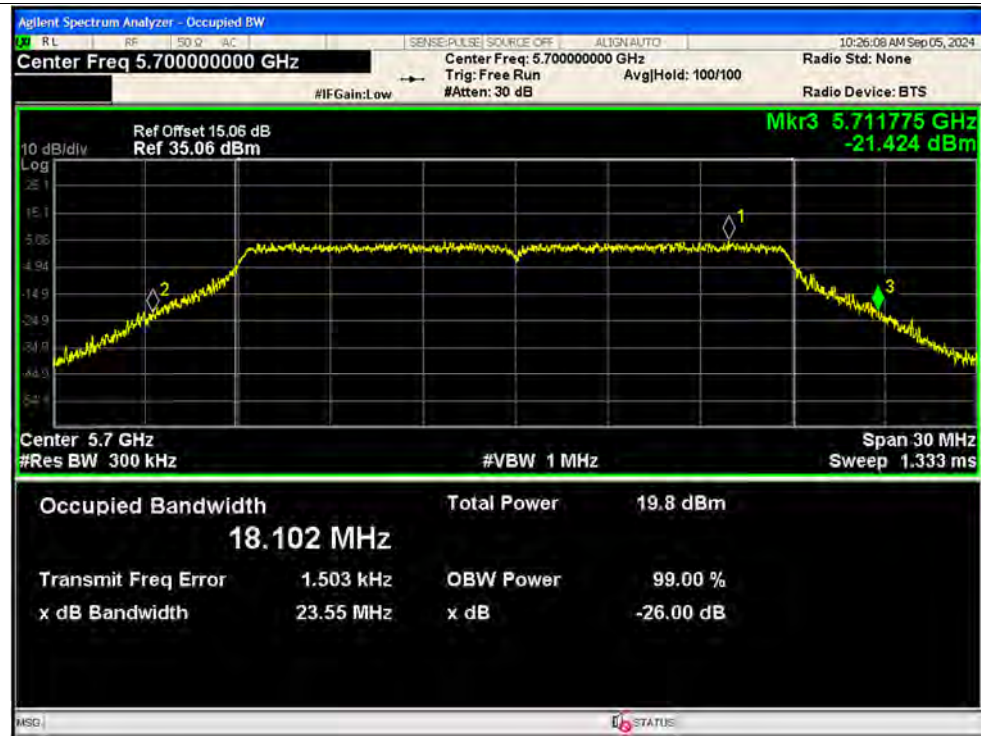


-26dB Bandwidth NVNT n20 5580MHz Ant13 MIMO

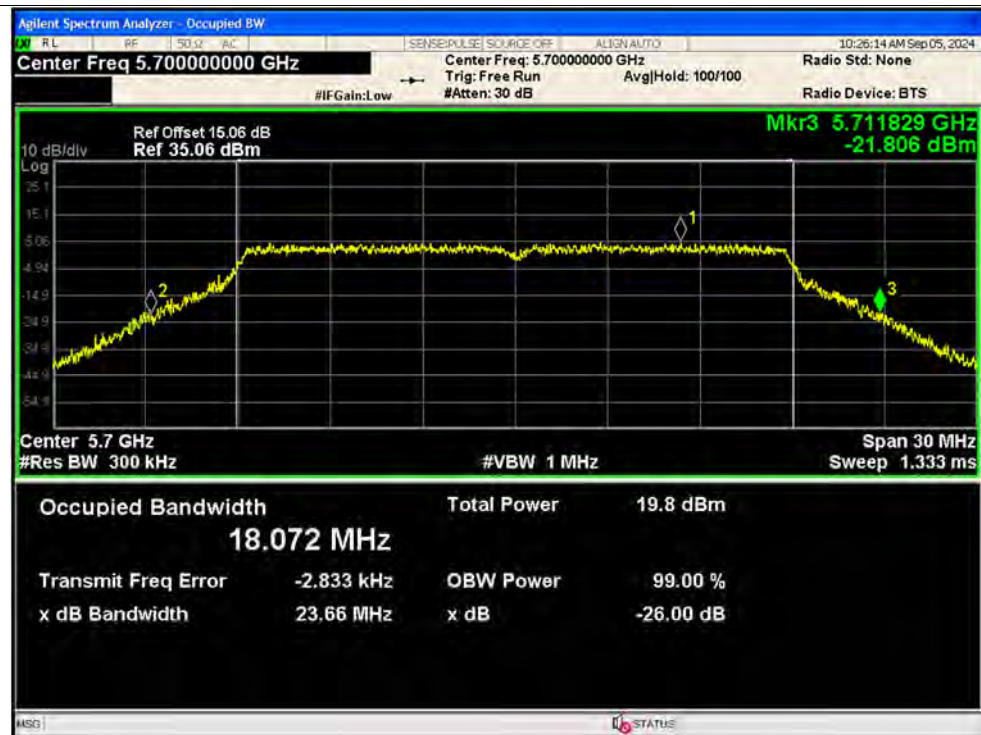




-26dB Bandwidth NVNT n20 5700MHz Ant12 MIMO

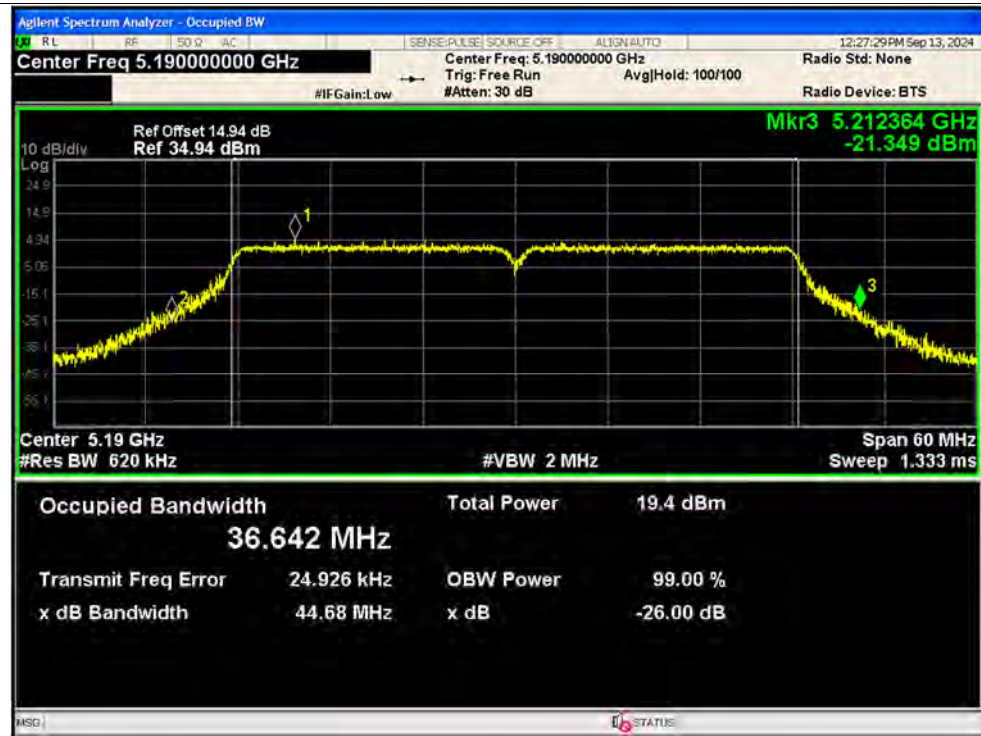


-26dB Bandwidth NVNT n20 5700MHz Ant13 MIMO

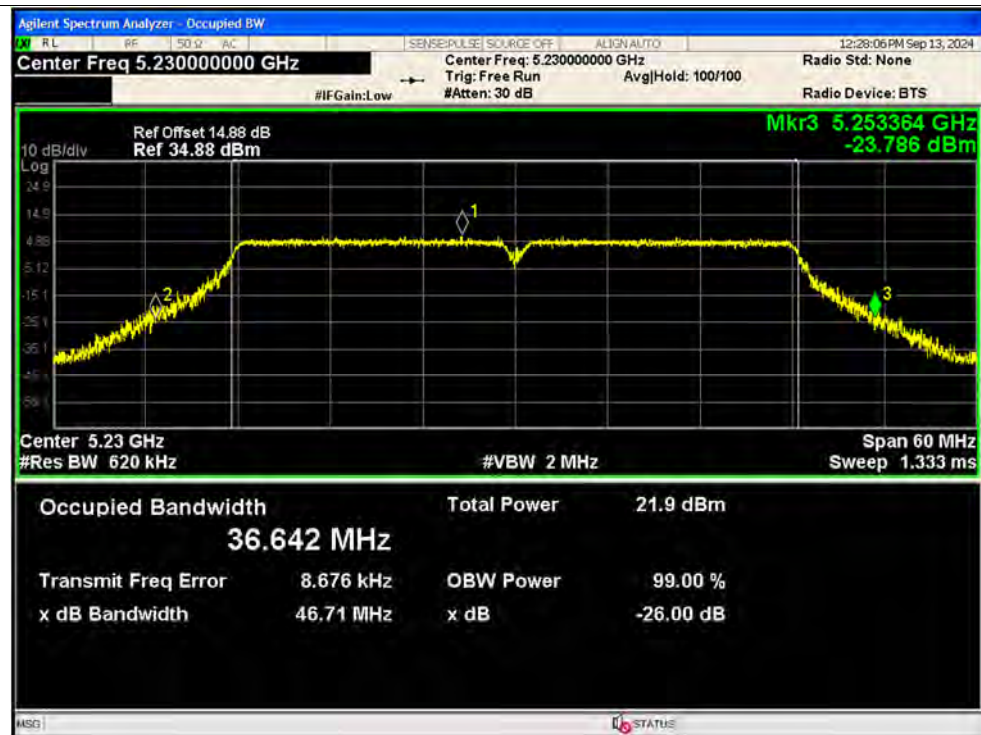




-26dB Bandwidth NVNT n40 5190MHz Ant12 SISO

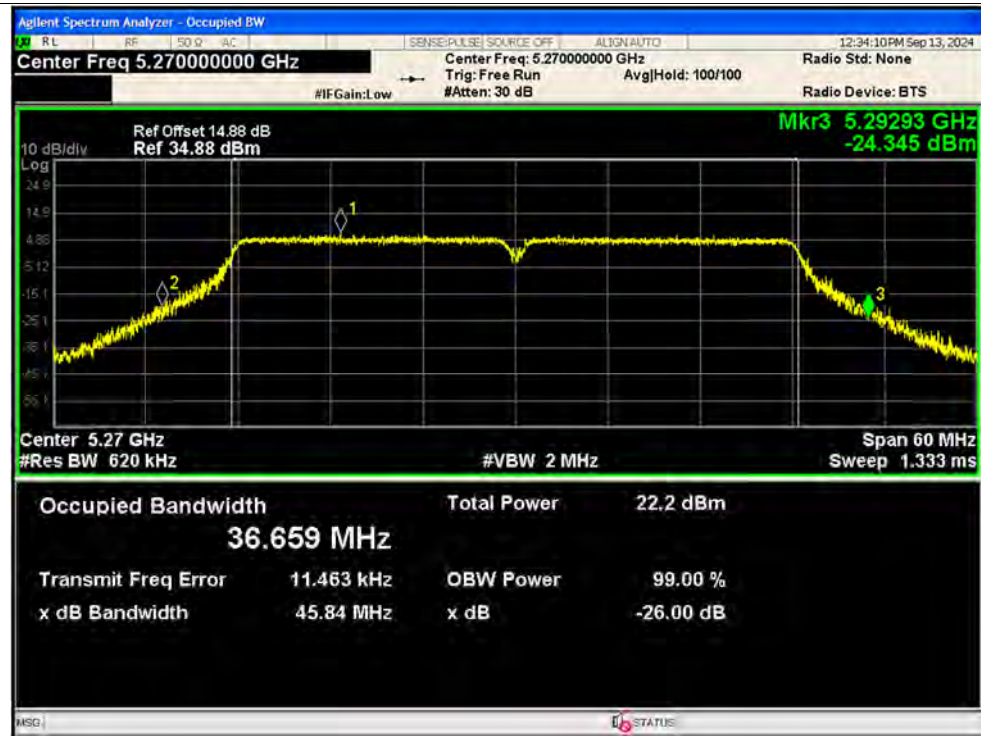


-26dB Bandwidth NVNT n40 5230MHz Ant12 SISO

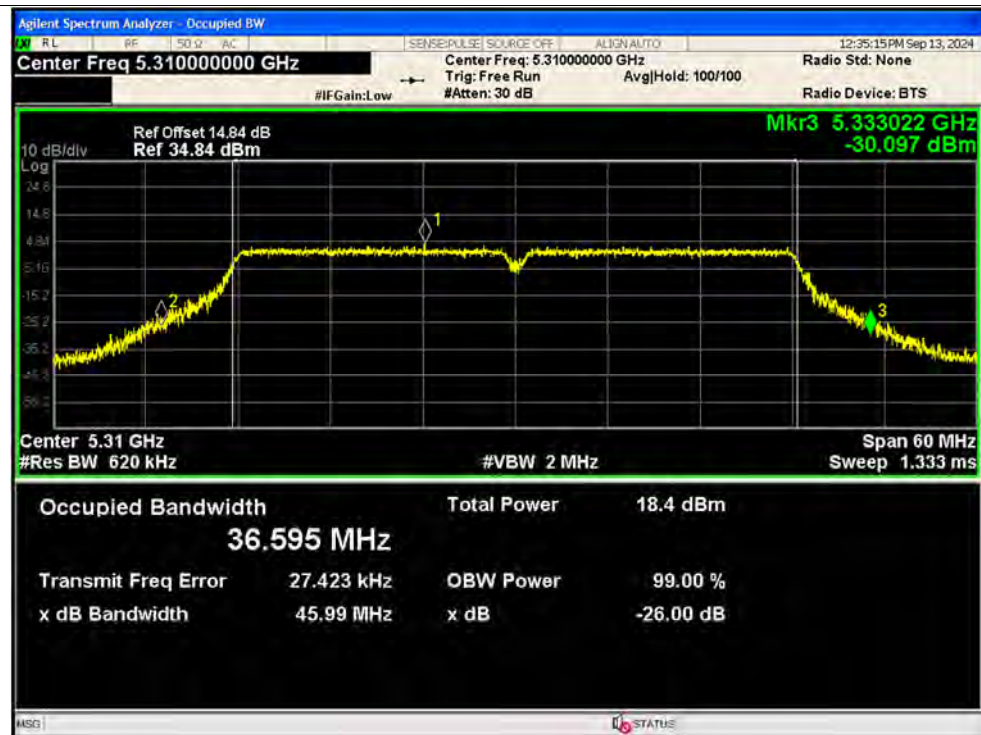




-26dB Bandwidth NVNT n40 5270MHz Ant12 SISO

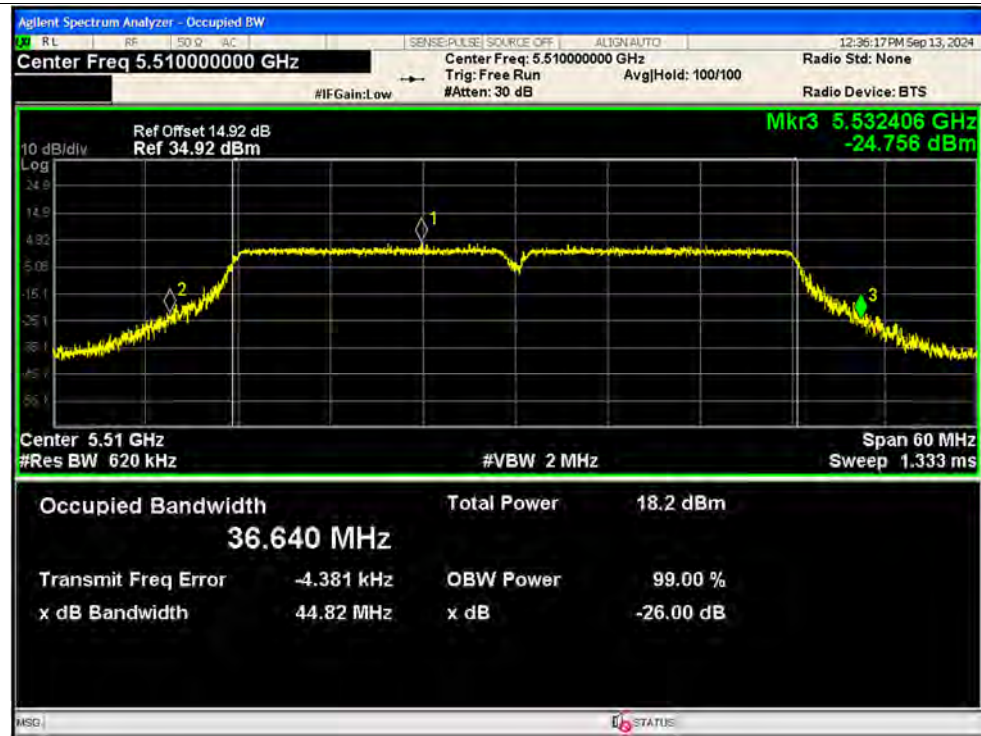


-26dB Bandwidth NVNT n40 5310MHz Ant12 SISO





-26dB Bandwidth NVNT n40 5510MHz Ant12 SISO

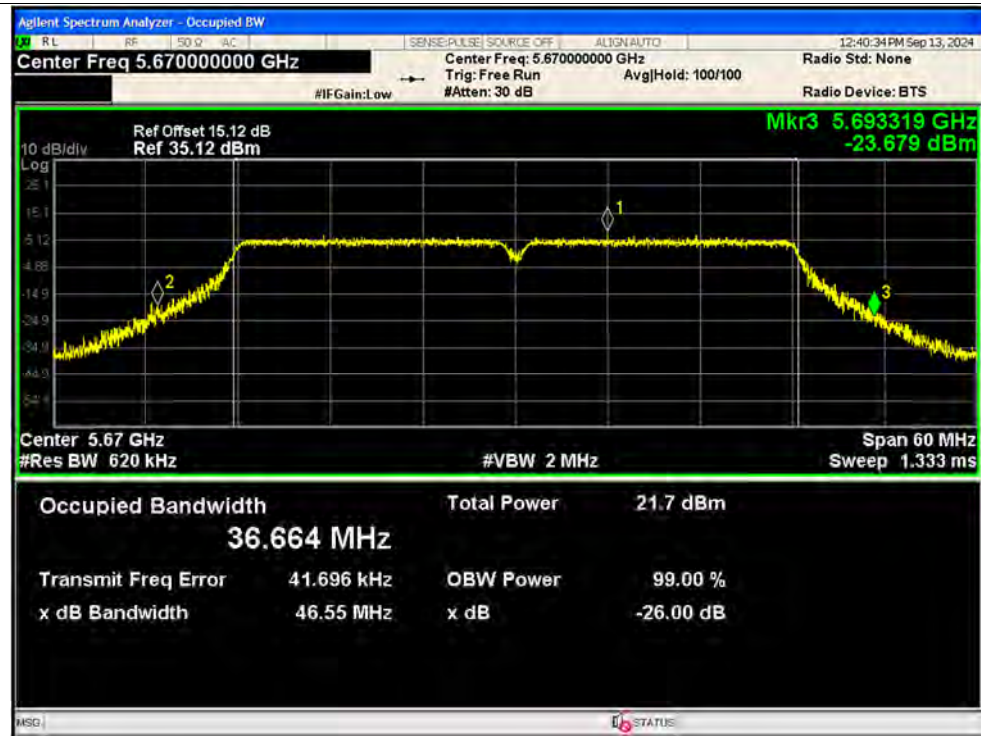


-26dB Bandwidth NVNT n40 5550MHz Ant12 SISO





-26dB Bandwidth NVNT n40 5670MHz Ant12 SISO

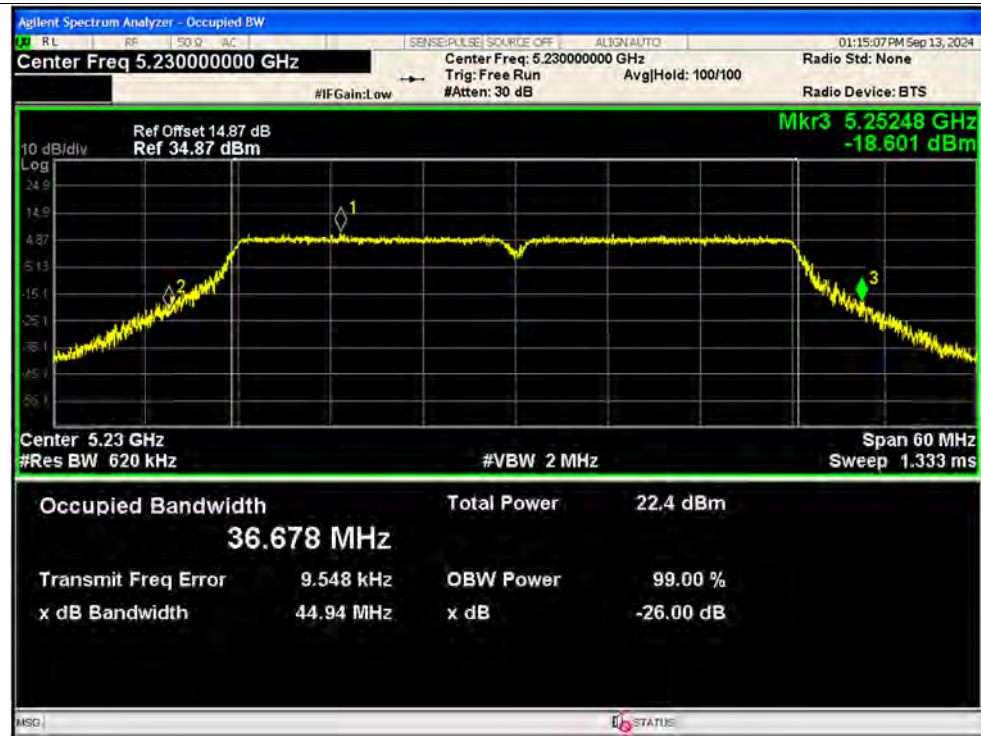


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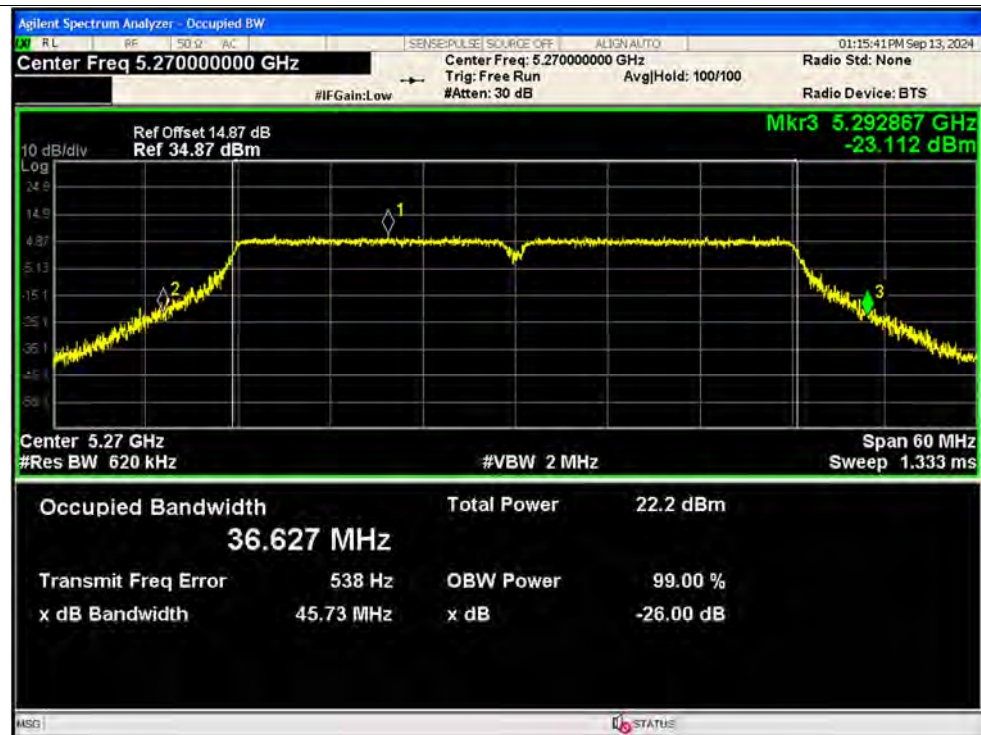




-26dB Bandwidth NVNT n40 5230MHz Ant13 SISO

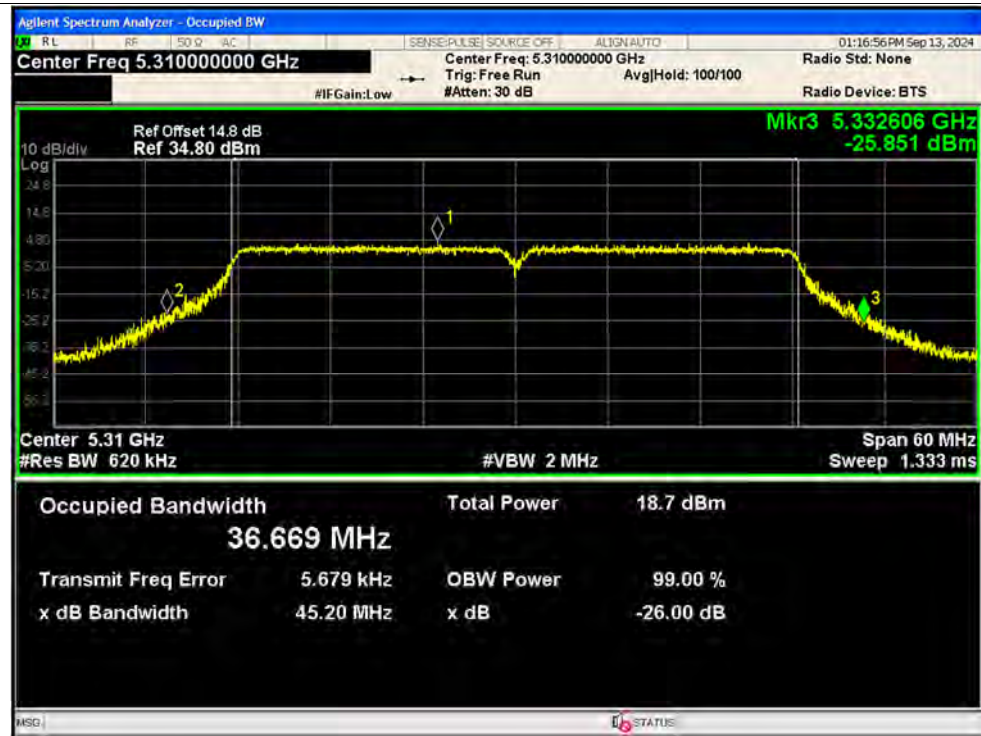


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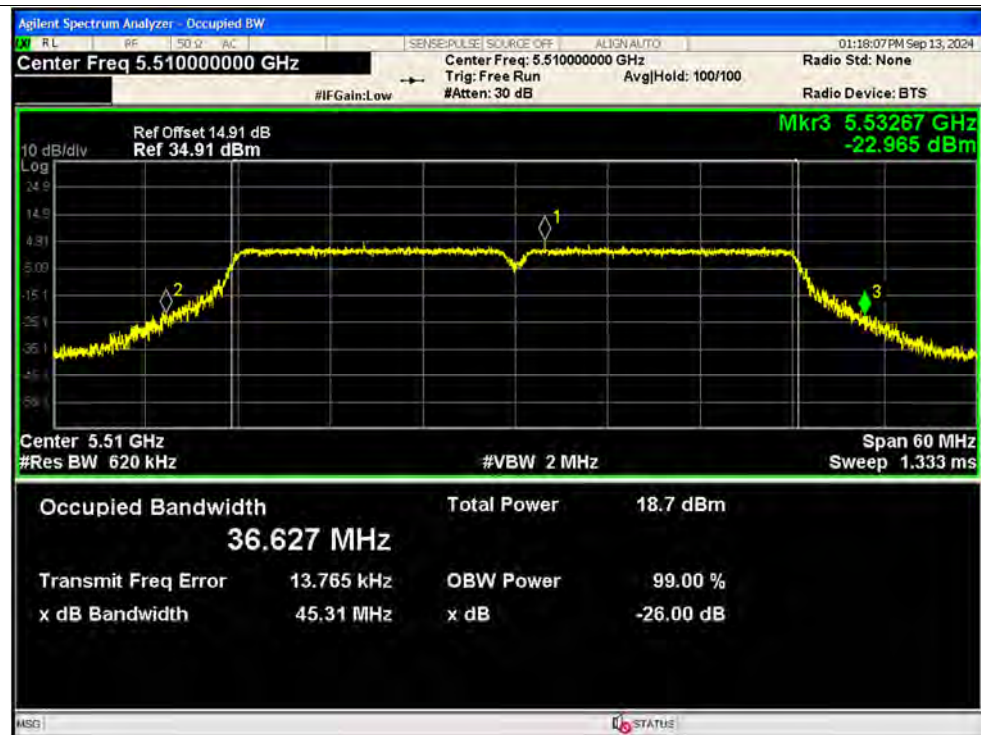




-26dB Bandwidth NVNT n40 5310MHz Ant13 SISO

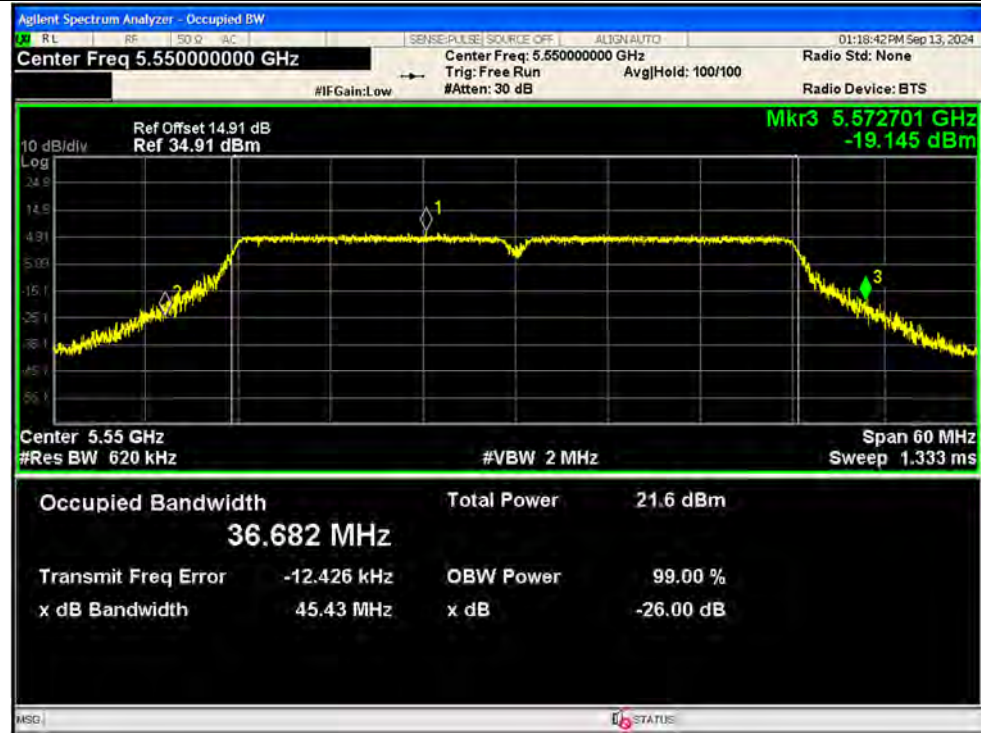


-26dB Bandwidth NVNT n40 5510MHz Ant13 SISO

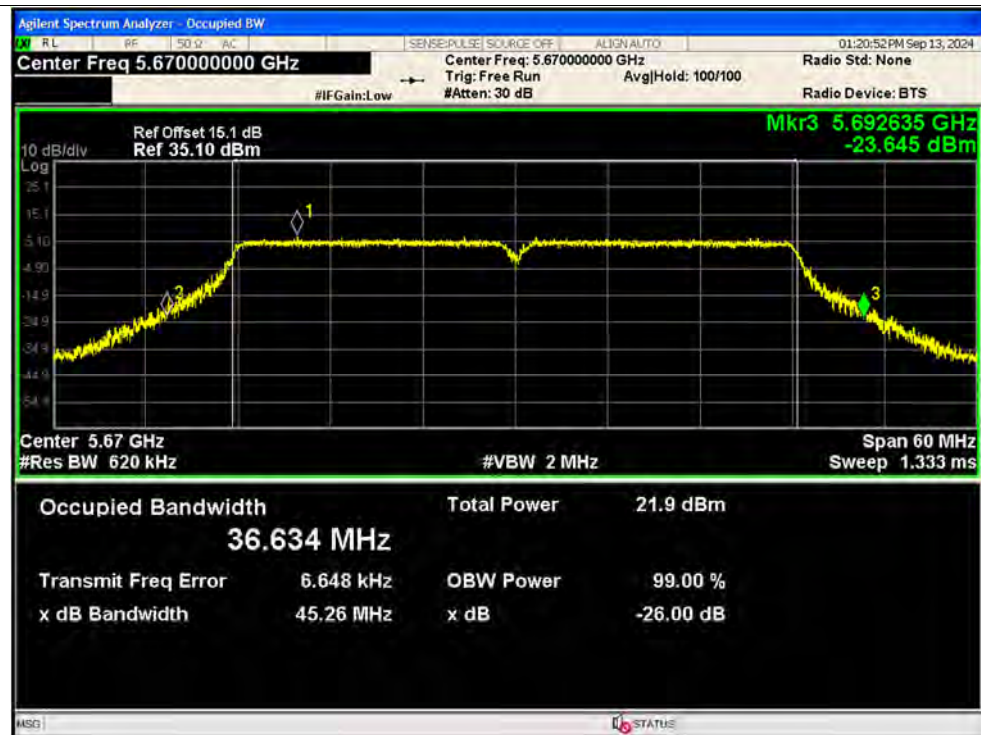




-26dB Bandwidth NVNT n40 5550MHz Ant13 SISO

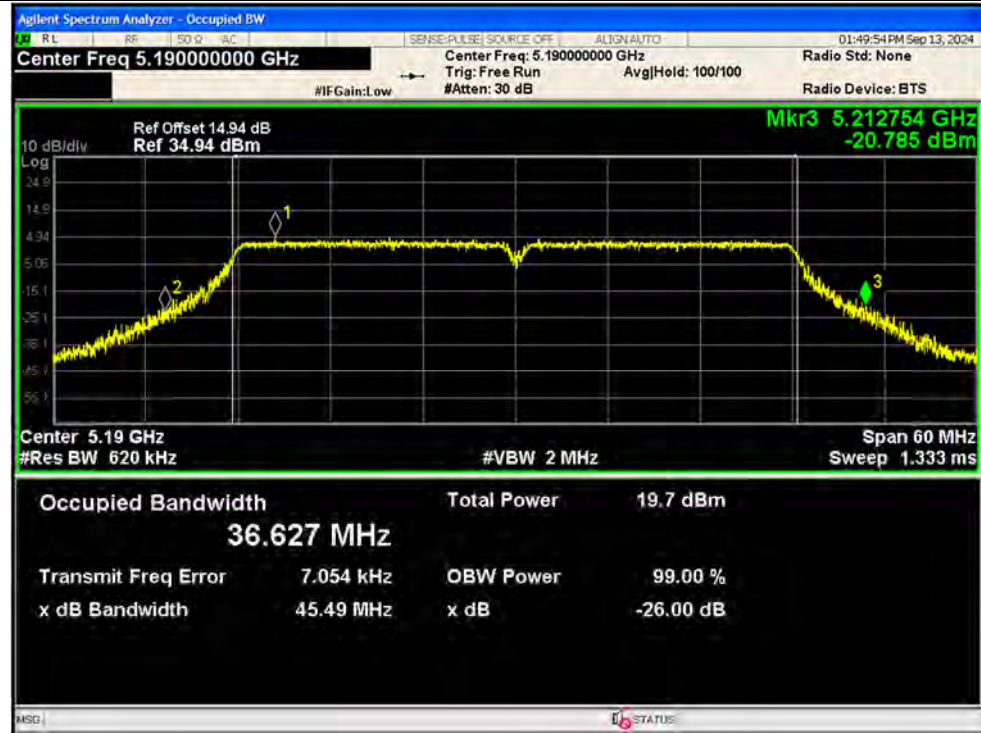


-26dB Bandwidth NVNT n40 5670MHz Ant13 SISO

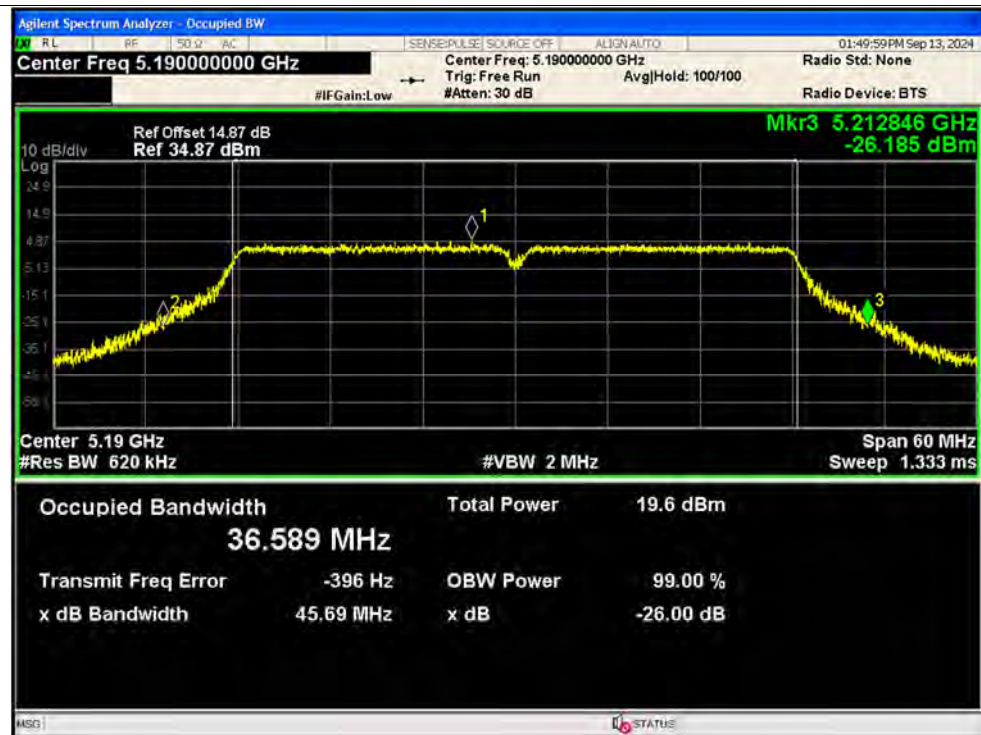




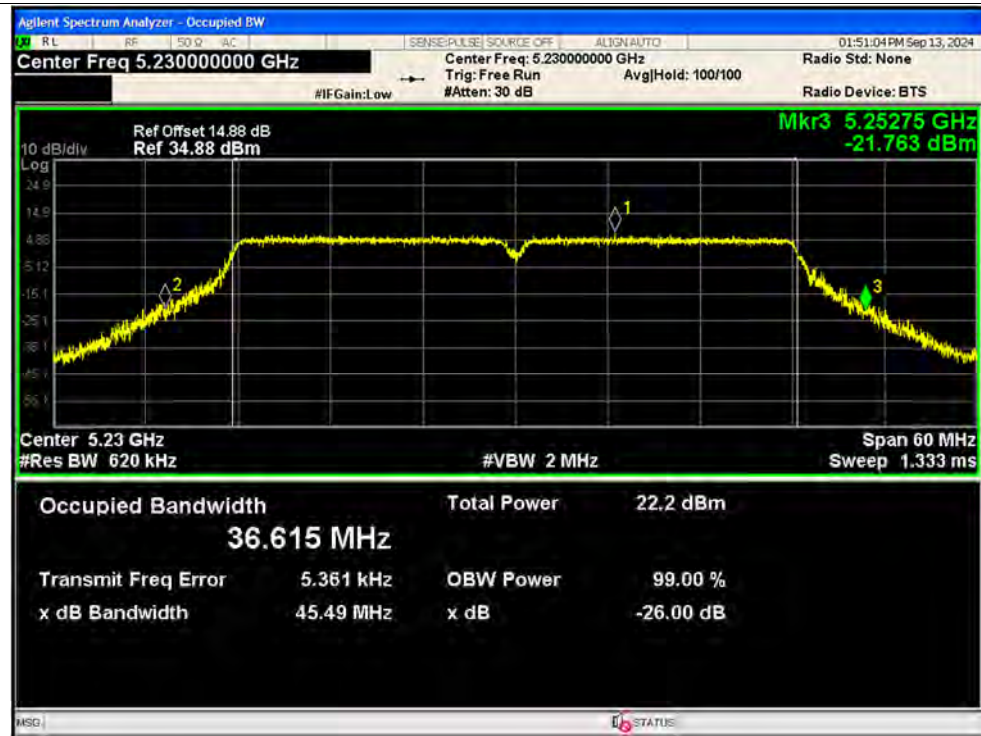
-26dB Bandwidth NVNT n40 5190MHz Ant12 MIMO



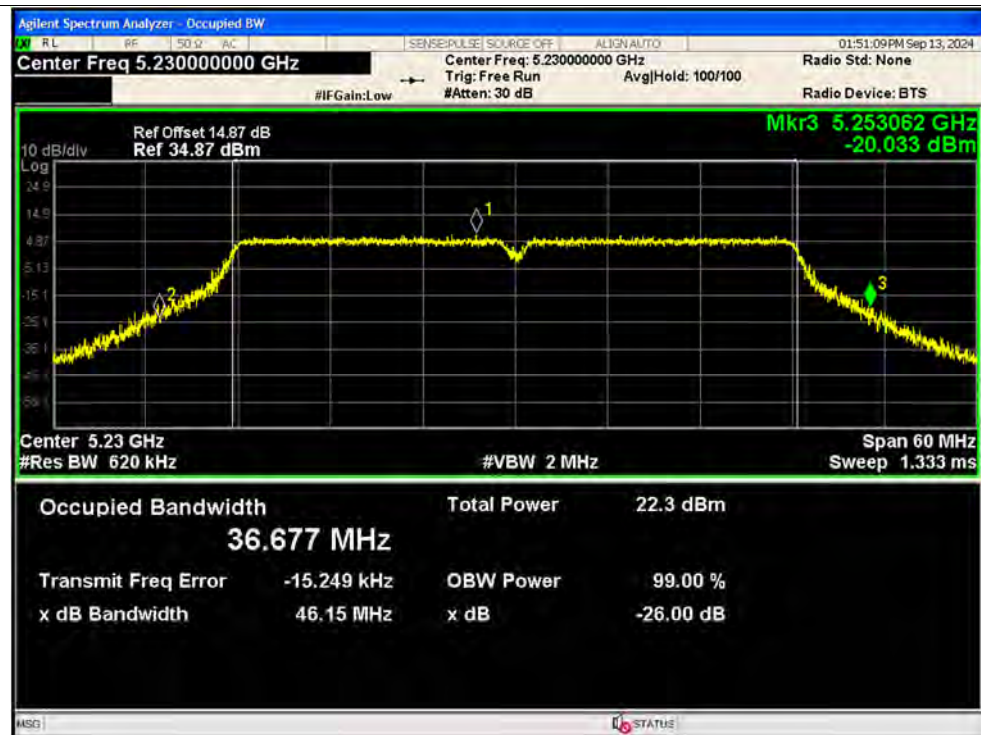
-26dB Bandwidth NVNT n40 5190MHz Ant13 MIMO



-26dB Bandwidth NVNT n40 5230MHz Ant12 MIMO

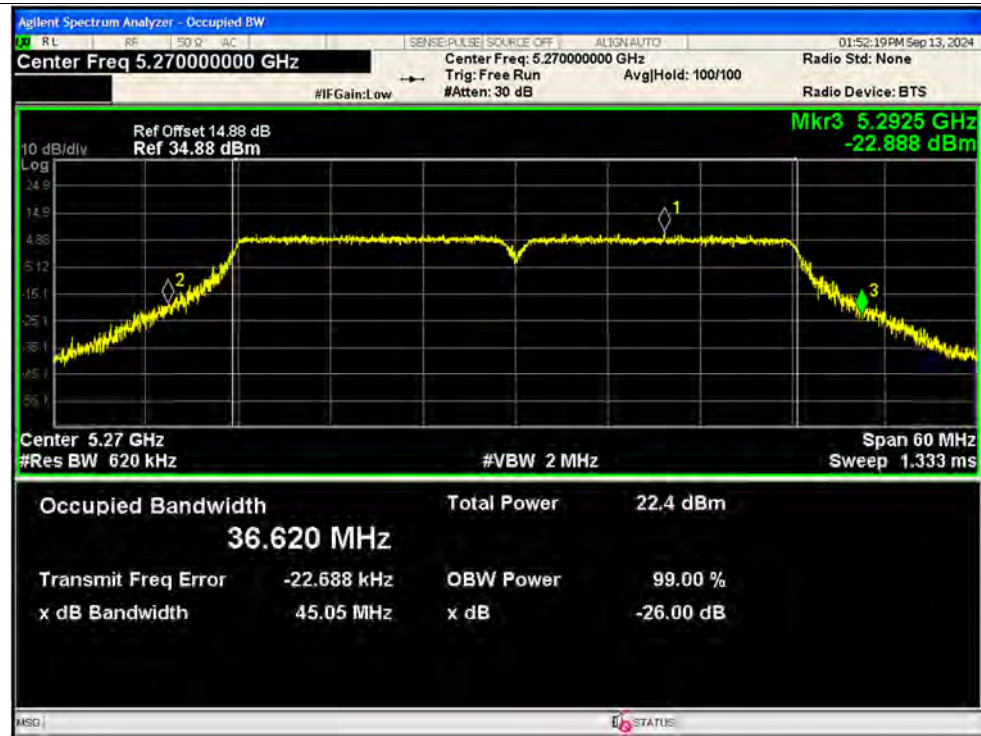


-26dB Bandwidth NVNT n40 5230MHz Ant13 MIMO

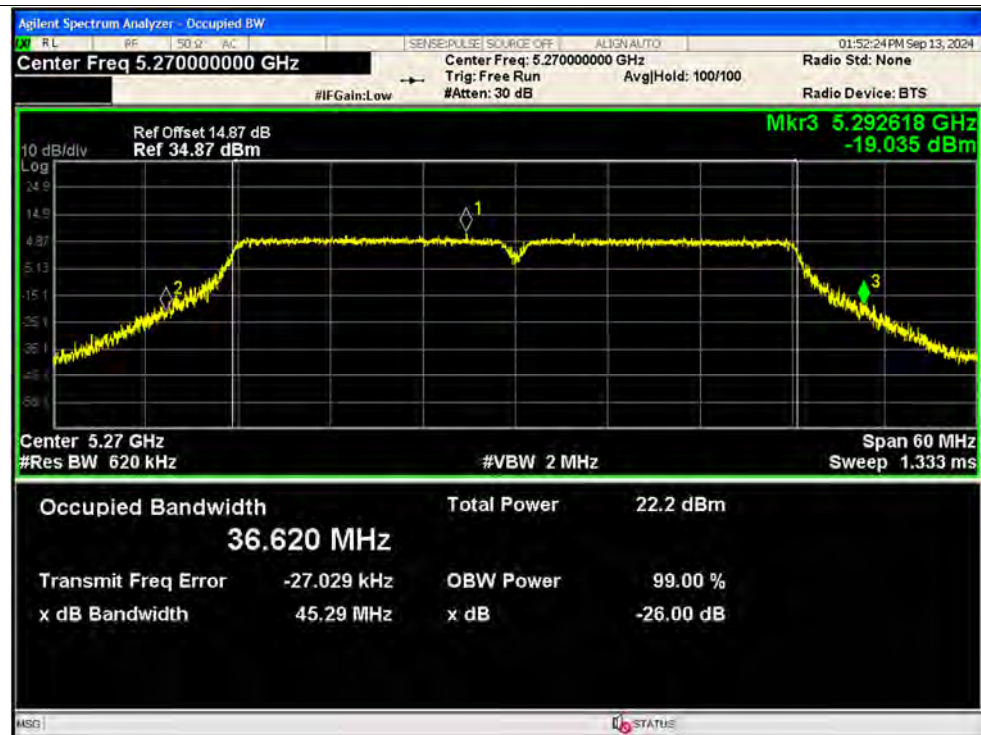




-26dB Bandwidth NVNT n40 5270MHz Ant12 MIMO

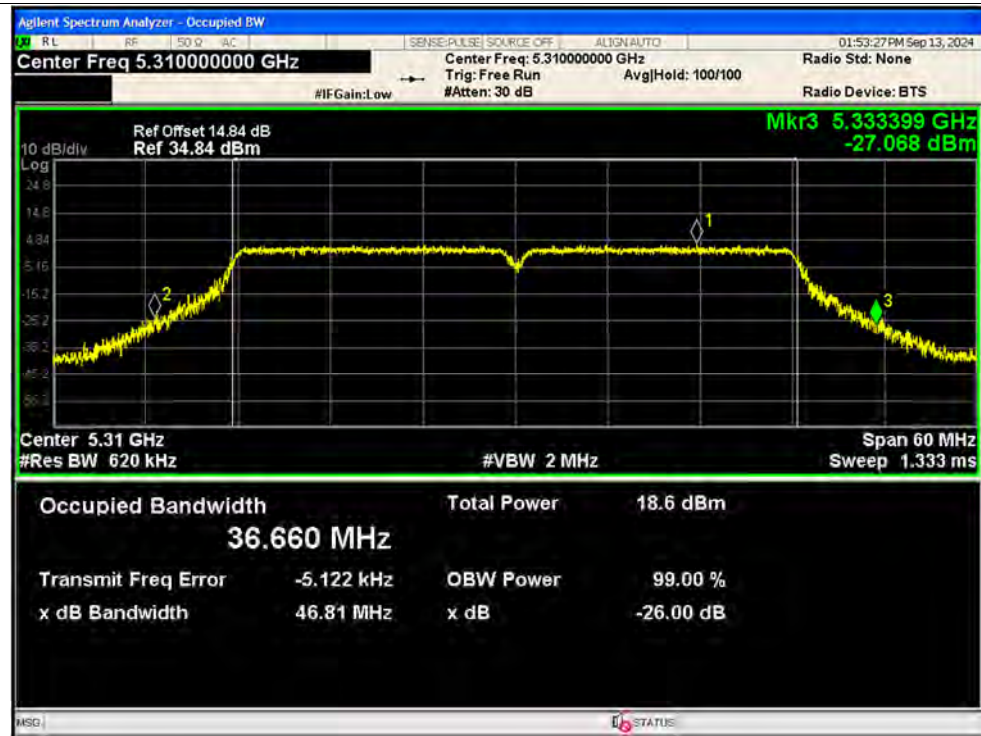


-26dB Bandwidth NVNT n40 5270MHz Ant13 MIMO

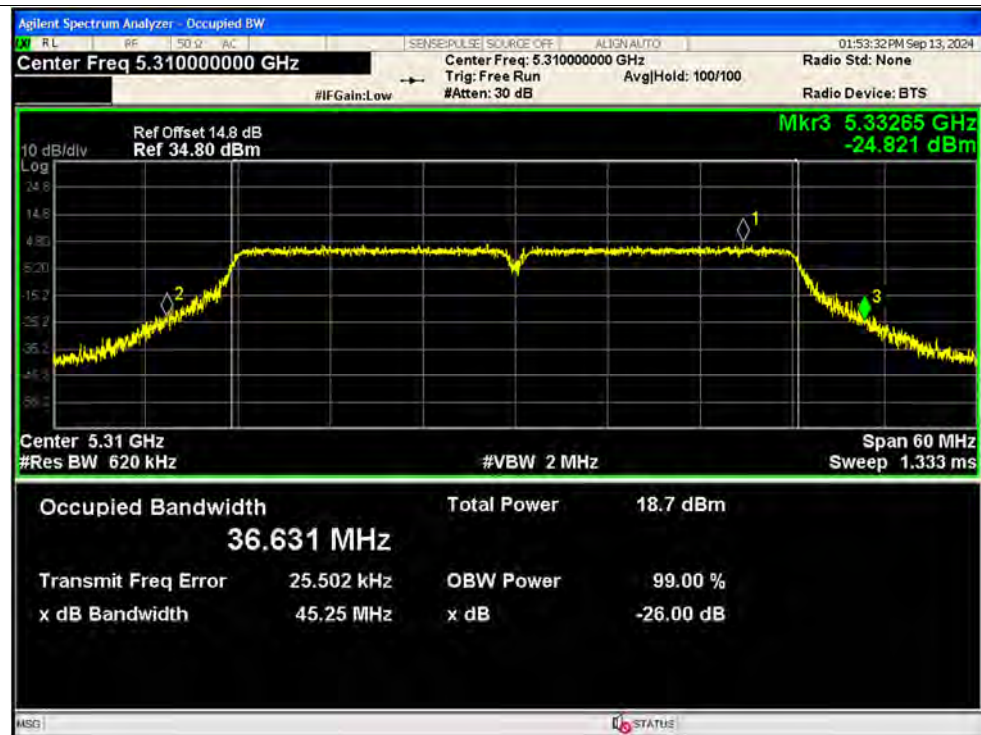




-26dB Bandwidth NVNT n40 5310MHz Ant12 MIMO

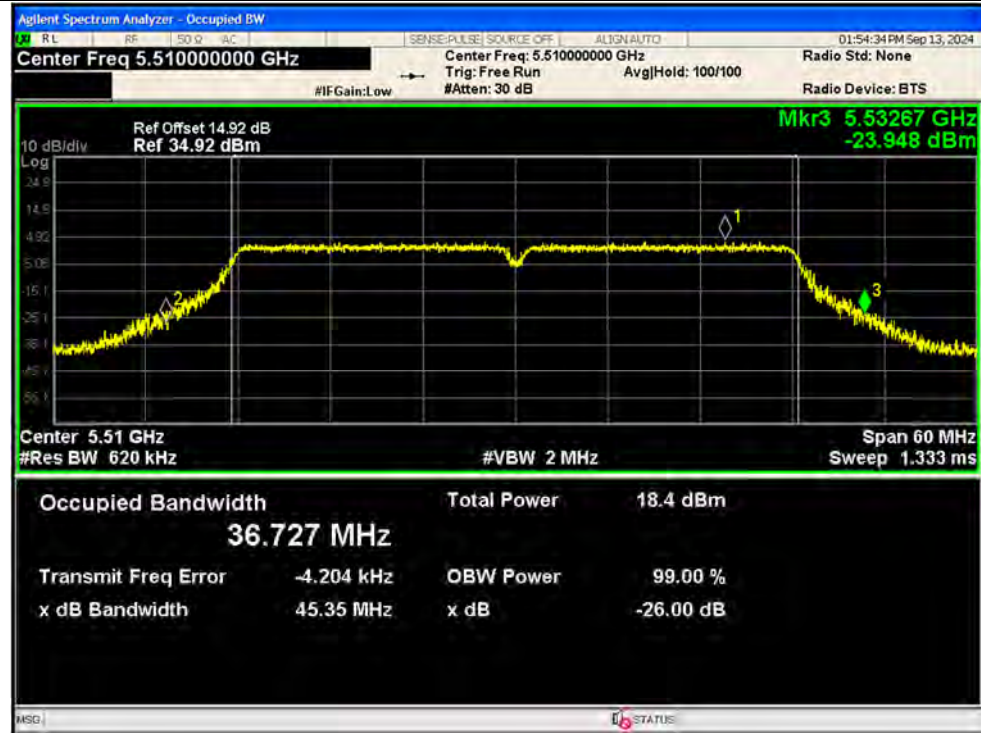


-26dB Bandwidth NVNT n40 5310MHz Ant13 MIMO





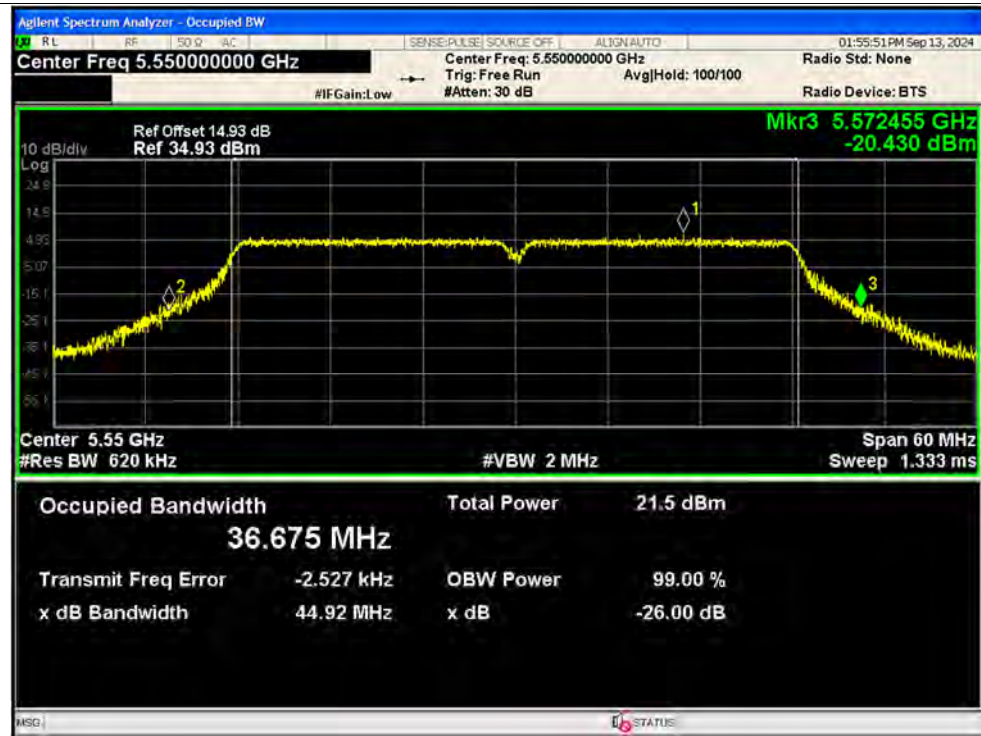
-26dB Bandwidth NVNT n40 5510MHz Ant12 MIMO



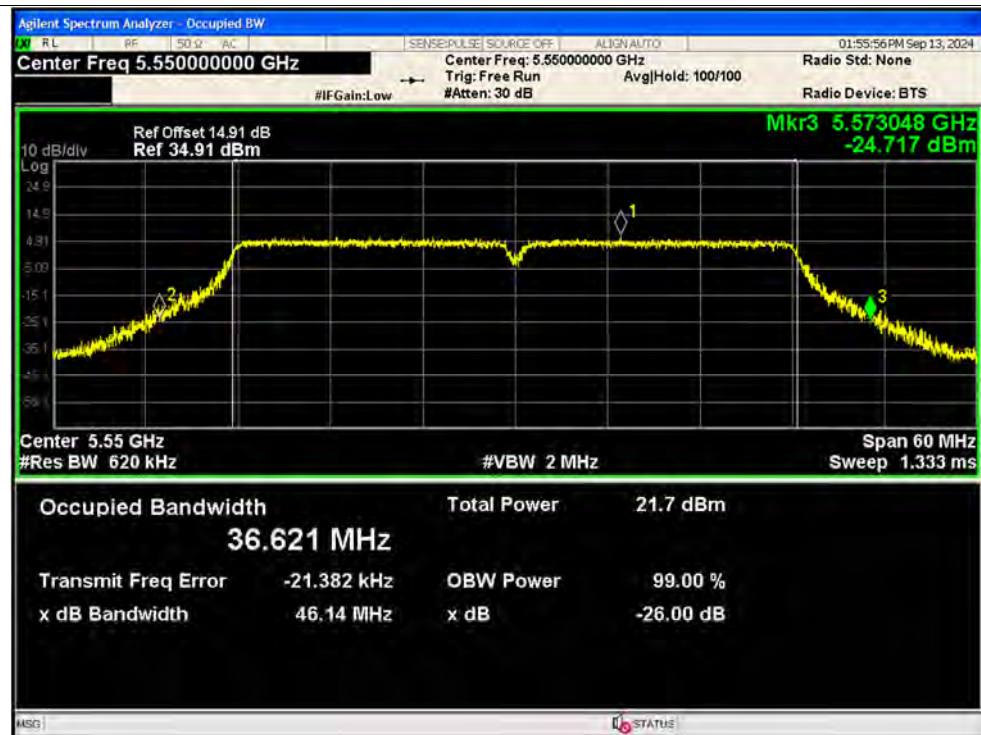
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-26dB Bandwidth NVNT n40 5550MHz Ant12 MIMO

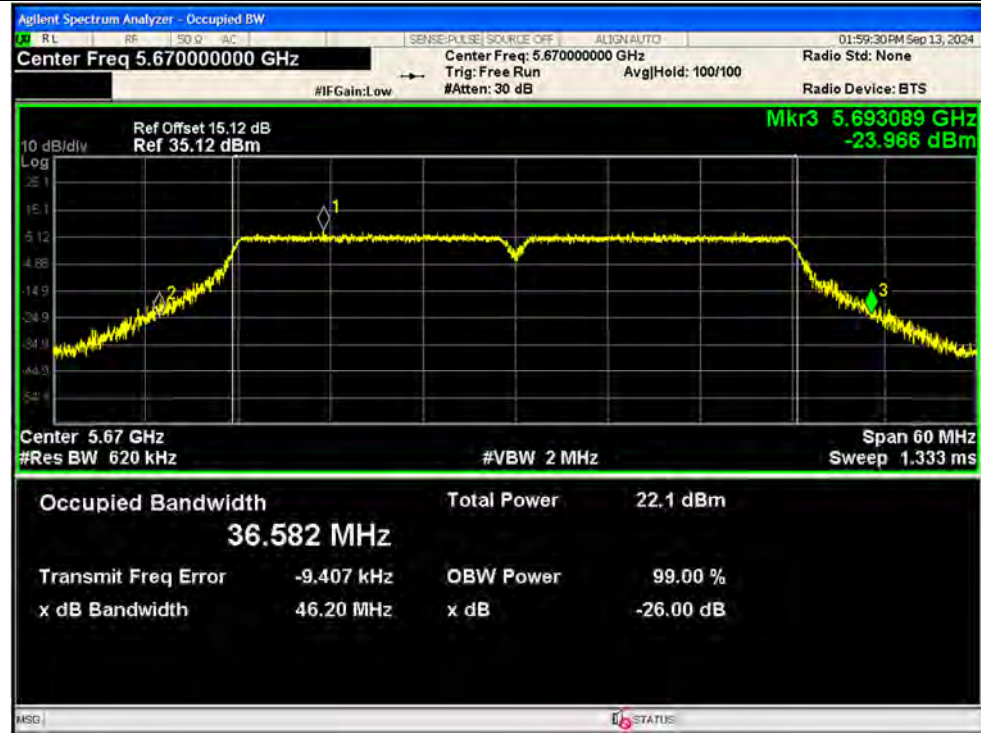


-26dB Bandwidth NVNT n40 5550MHz Ant13 MIMO

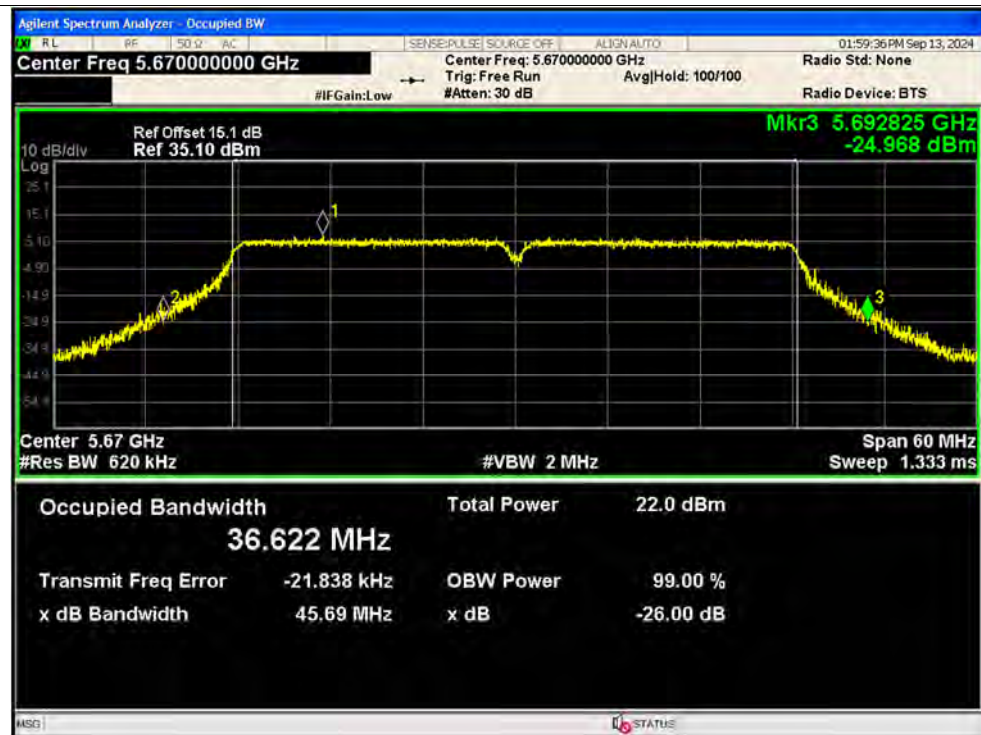




-26dB Bandwidth NVNT n40 5670MHz Ant12 MIMO

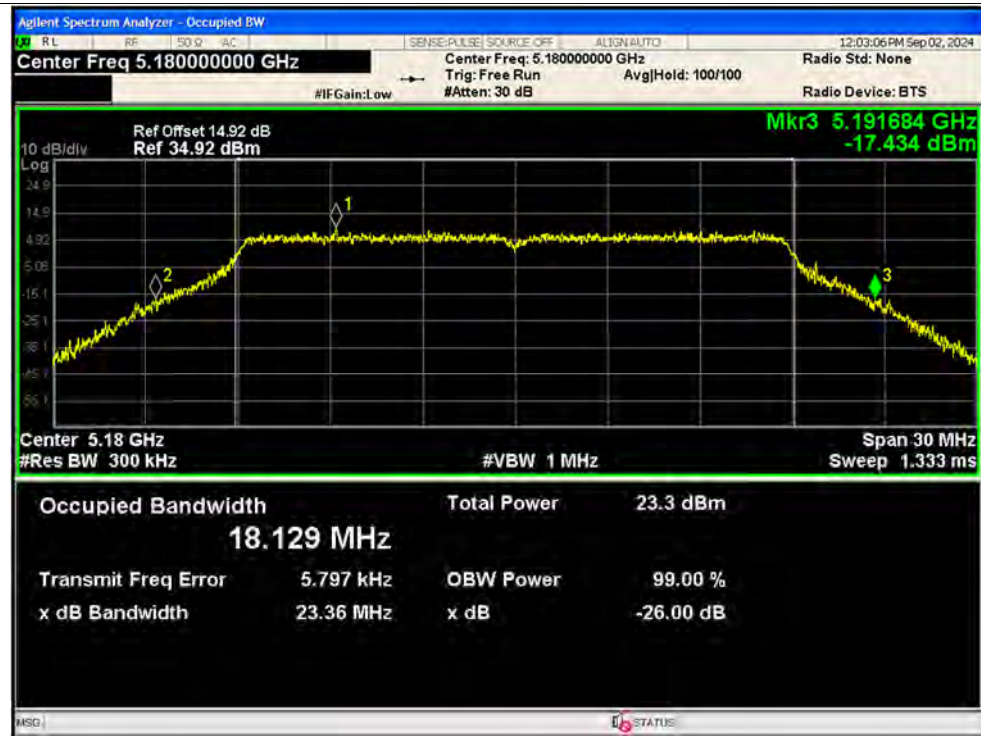


-26dB Bandwidth NVNT n40 5670MHz Ant13 MIMO

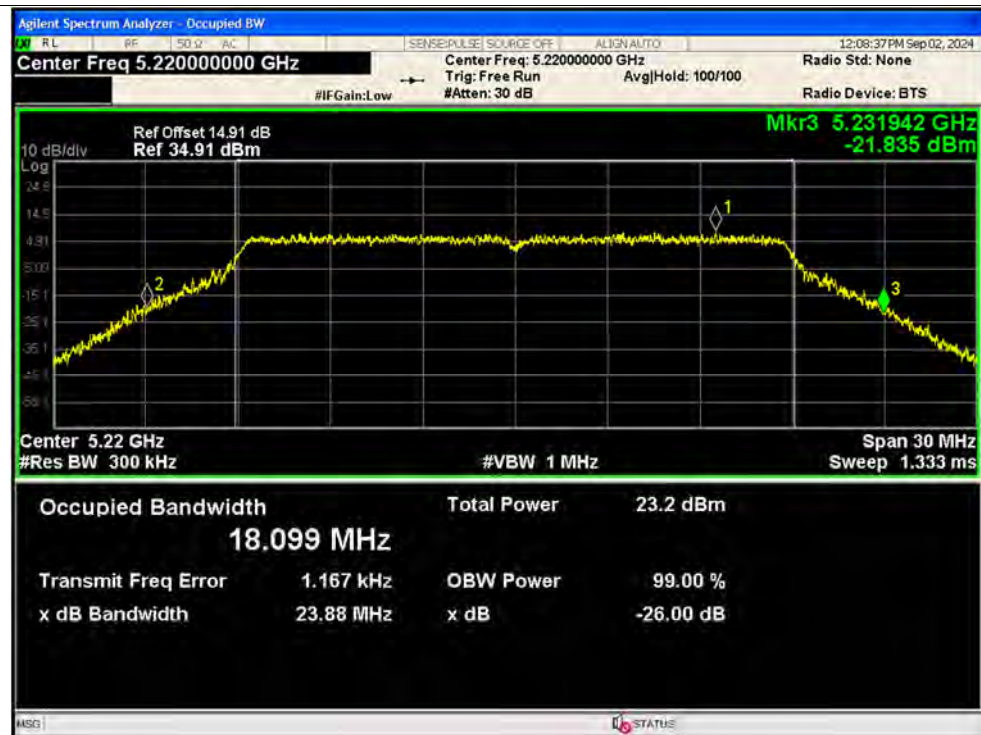




-26dB Bandwidth NVNT ac20 5180MHz Ant12 SISO

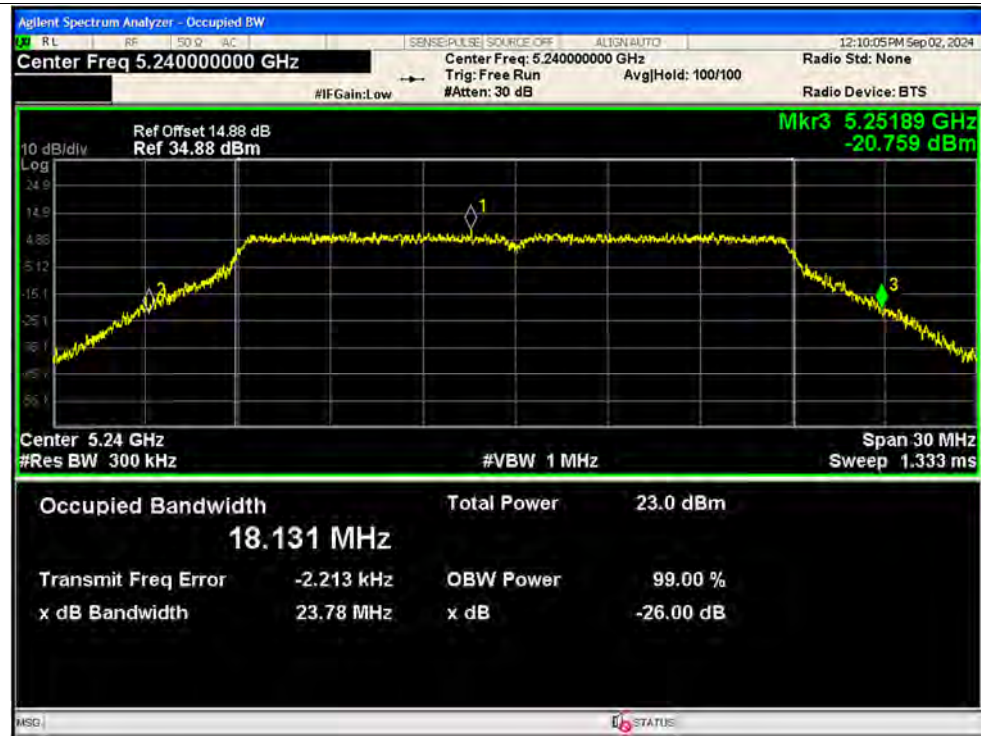


-26dB Bandwidth NVNT ac20 5220MHz Ant12 SISO

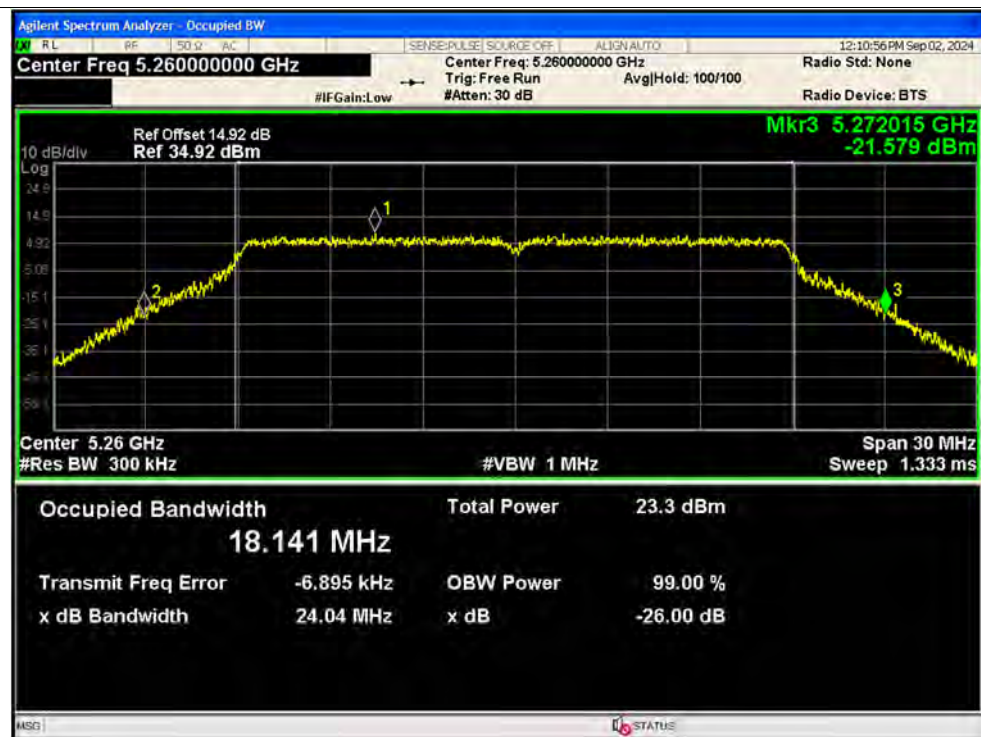




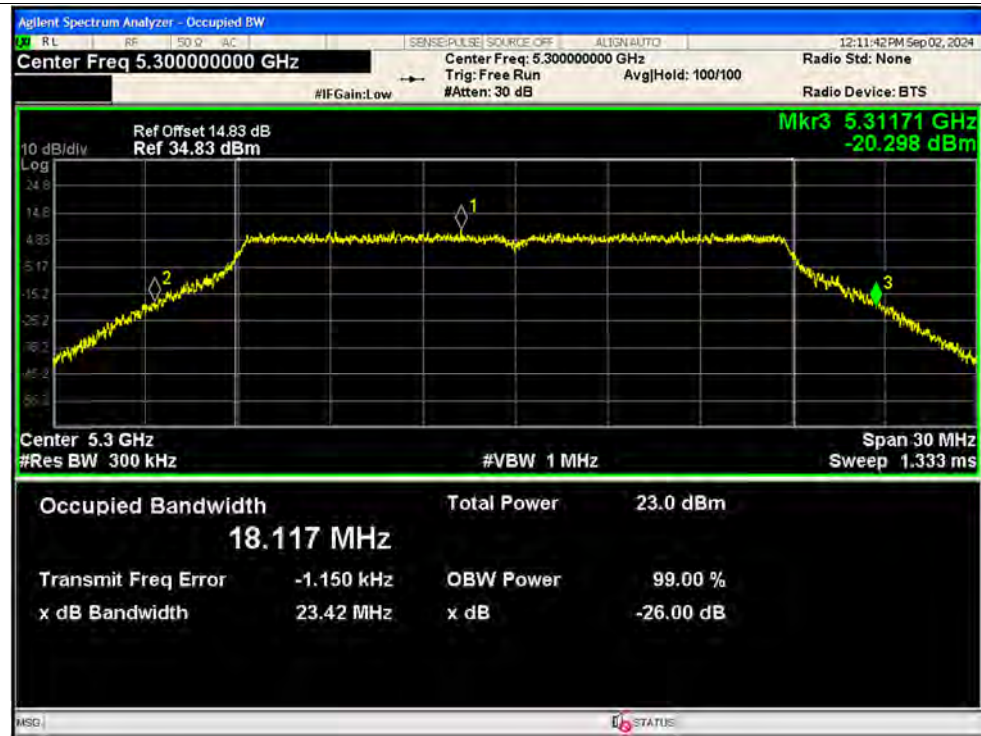
-26dB Bandwidth NVNT ac20 5240MHz Ant12 SISO



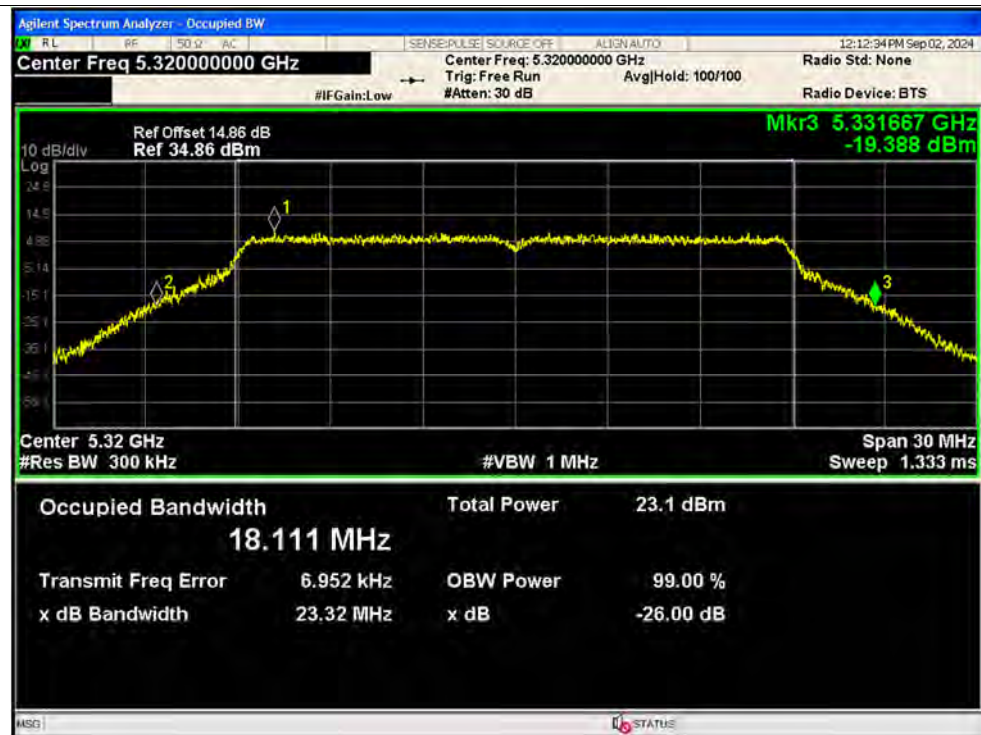
-26dB Bandwidth NVNT ac20 5260MHz Ant12 SISO



-26dB Bandwidth NVNT ac20 5300MHz Ant12 SISO

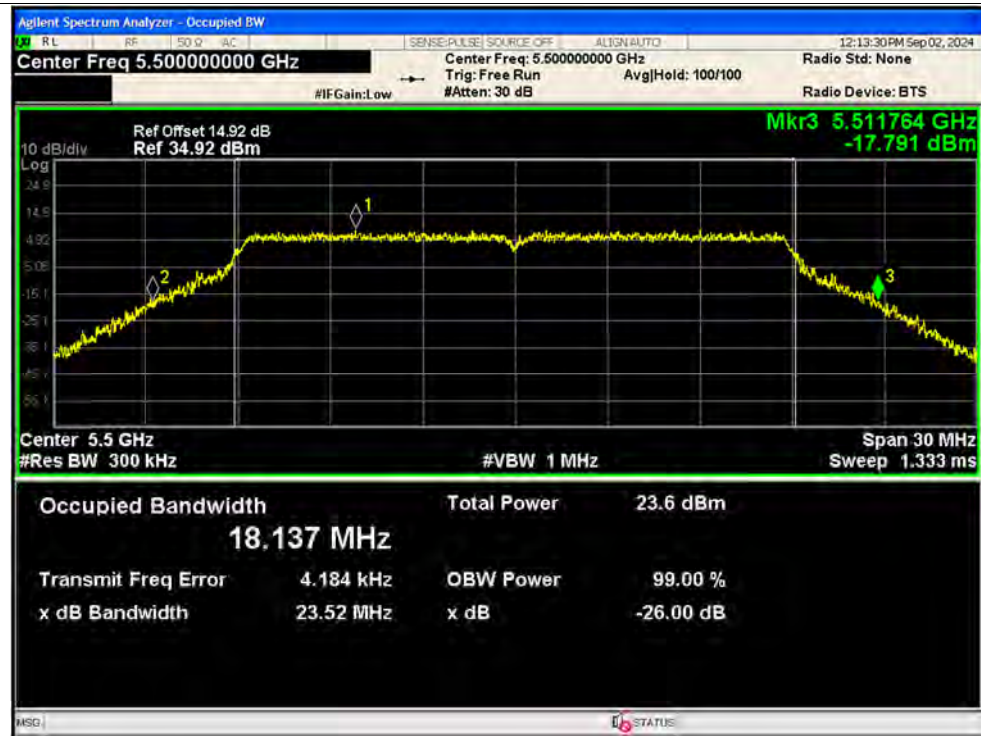


-26dB Bandwidth NVNT ac20 5320MHz Ant12 SISO

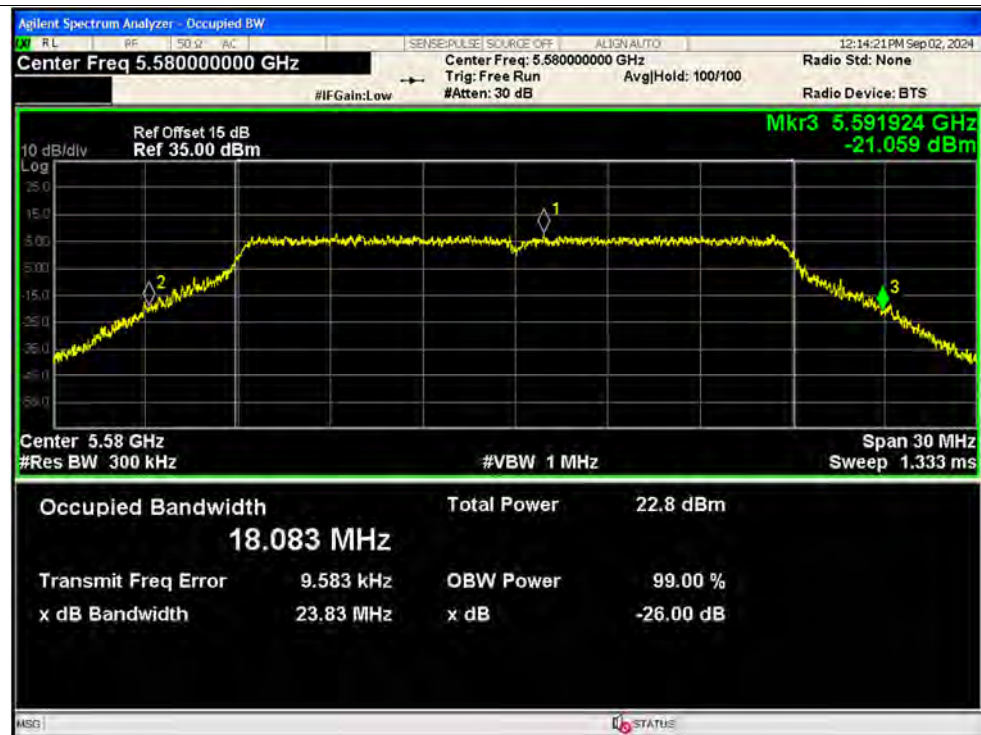




-26dB Bandwidth NVNT ac20 5500MHz Ant12 SISO

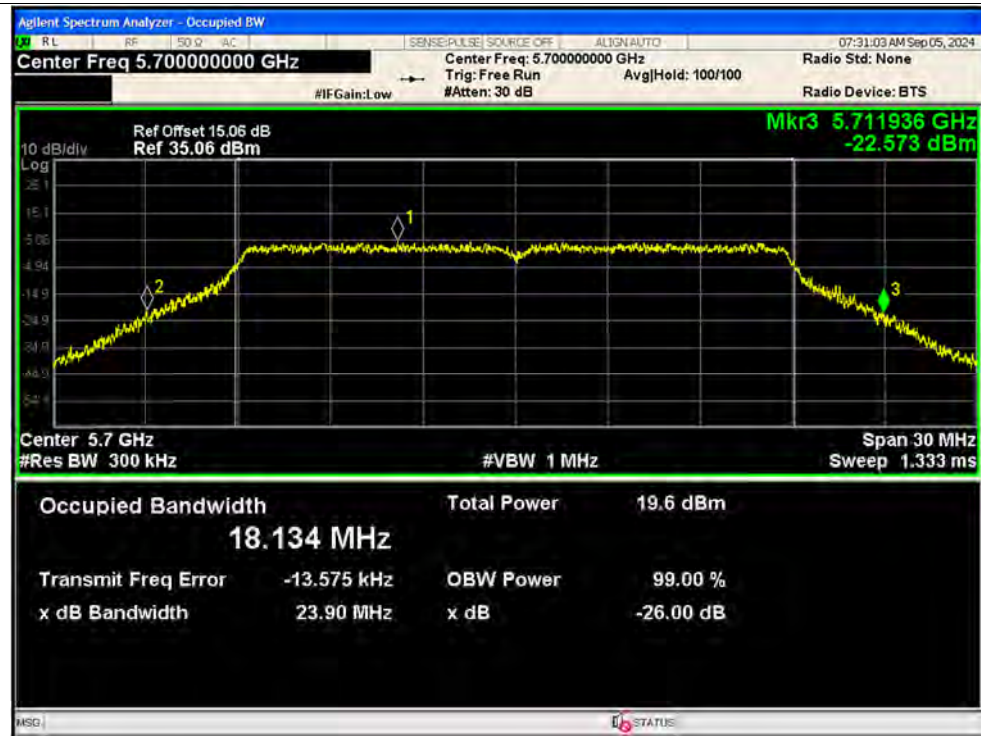


-26dB Bandwidth NVNT ac20 5580MHz Ant12 SISO

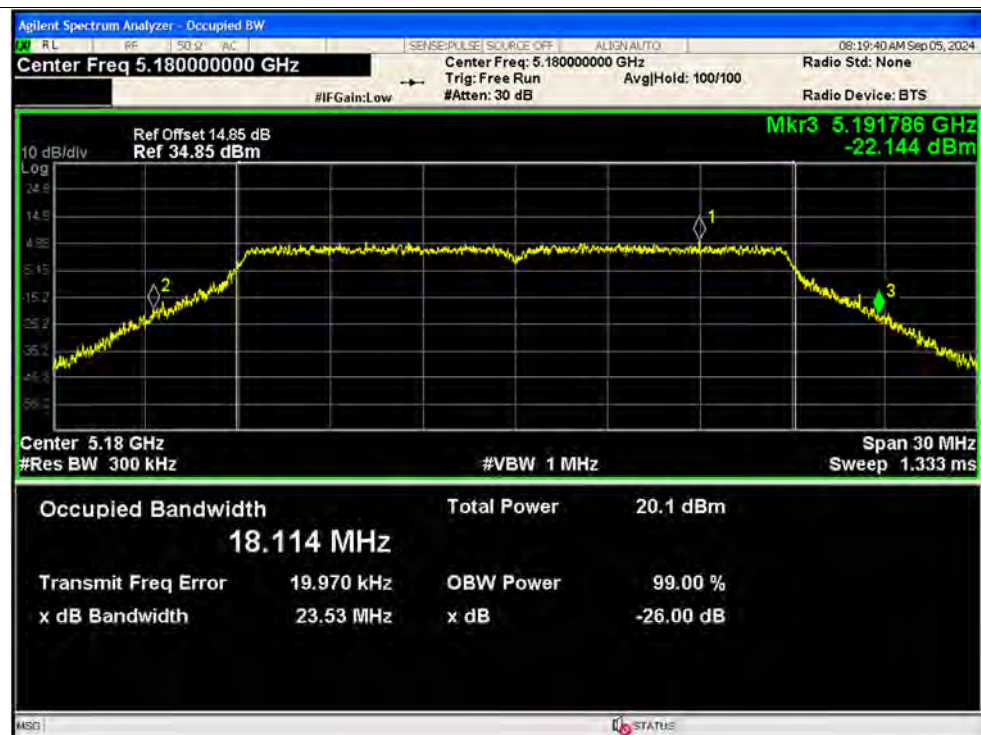




-26dB Bandwidth NVNT ac20 5700MHz Ant12 SISO

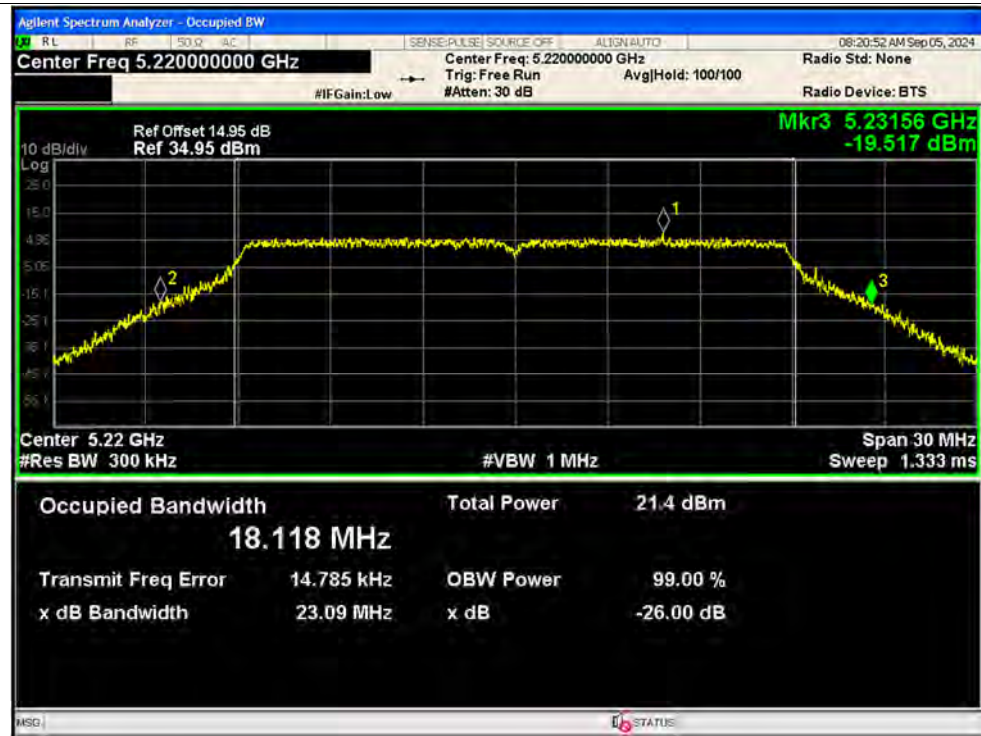


-26dB Bandwidth NVNT ac20 5180MHz Ant13 SISO





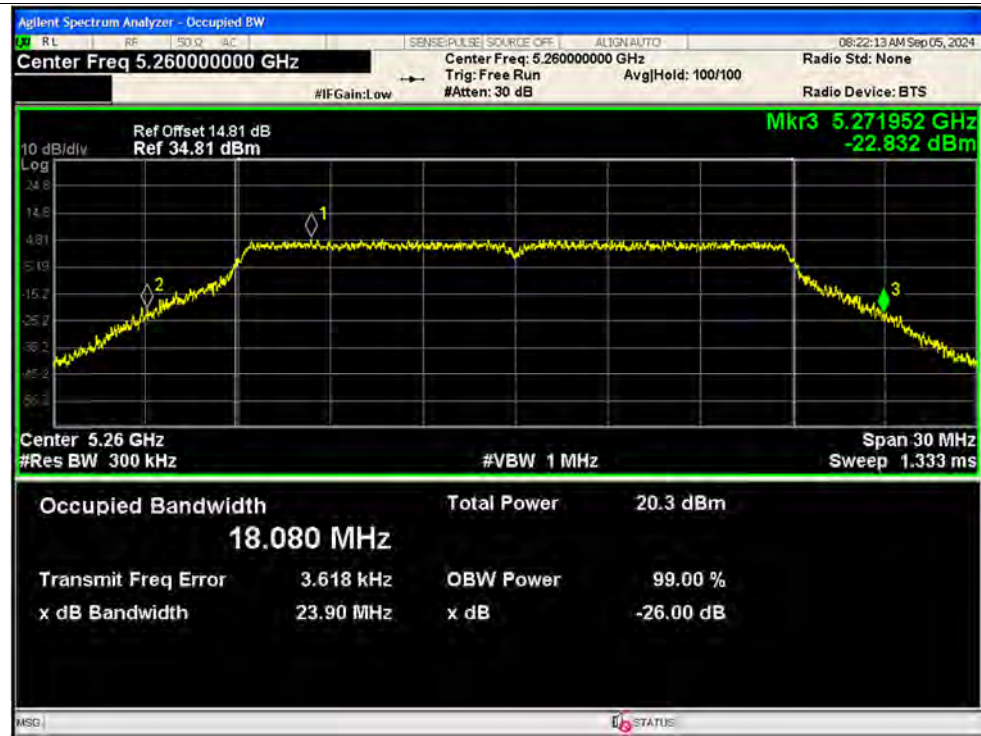
-26dB Bandwidth NVNT ac20 5220MHz Ant13 SISO



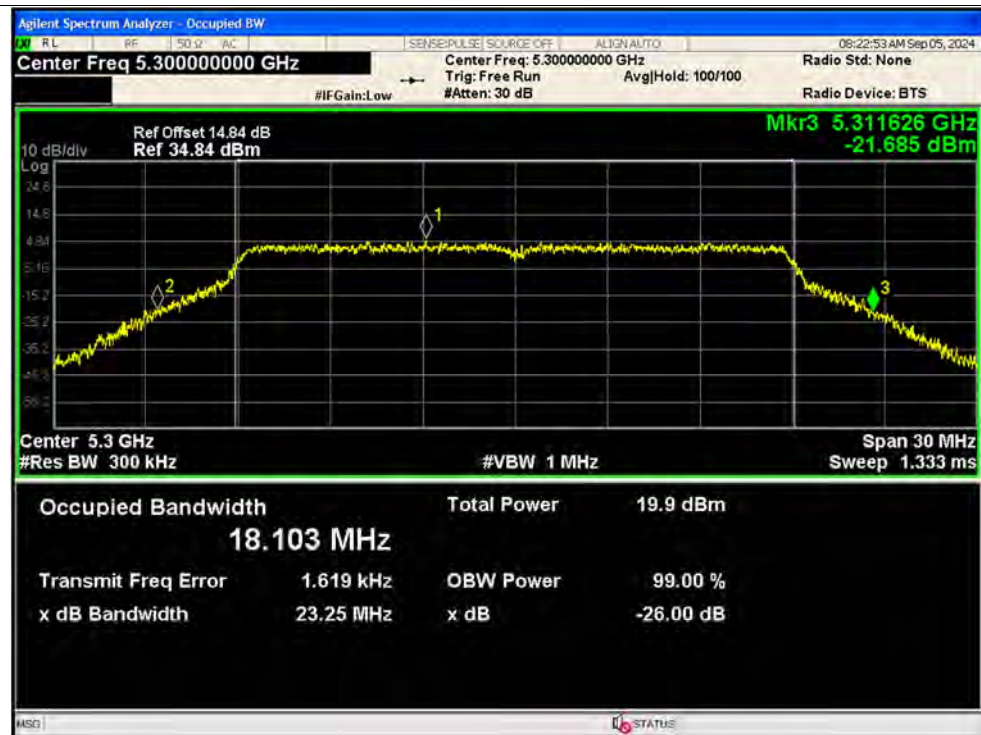
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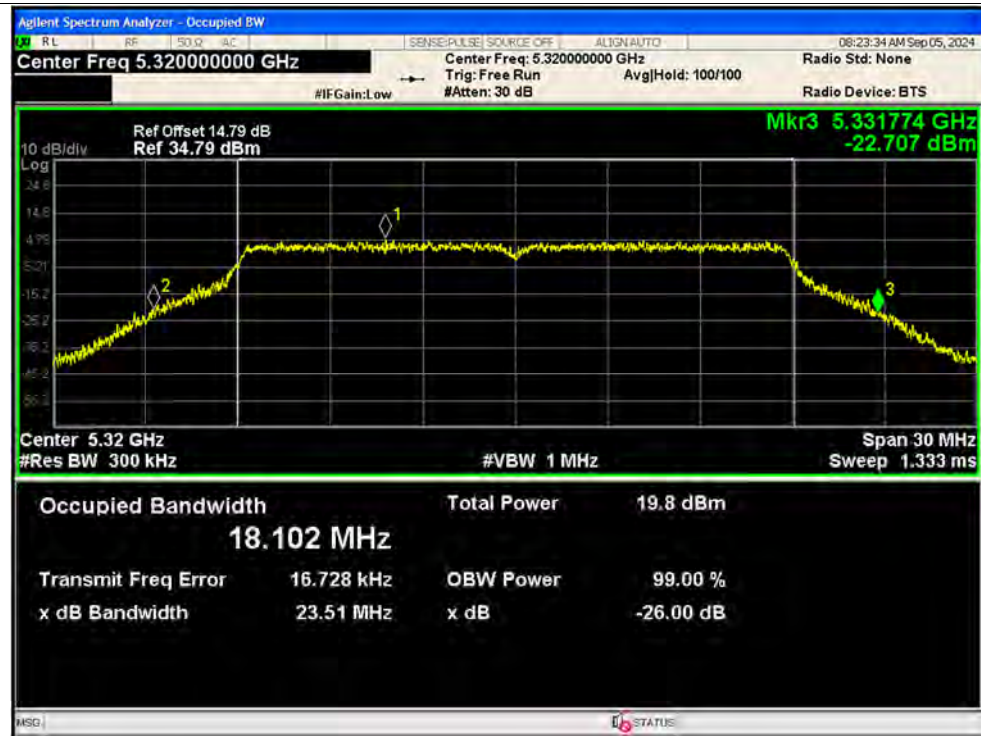
-26dB Bandwidth NVNT ac20 5260MHz Ant13 SISO



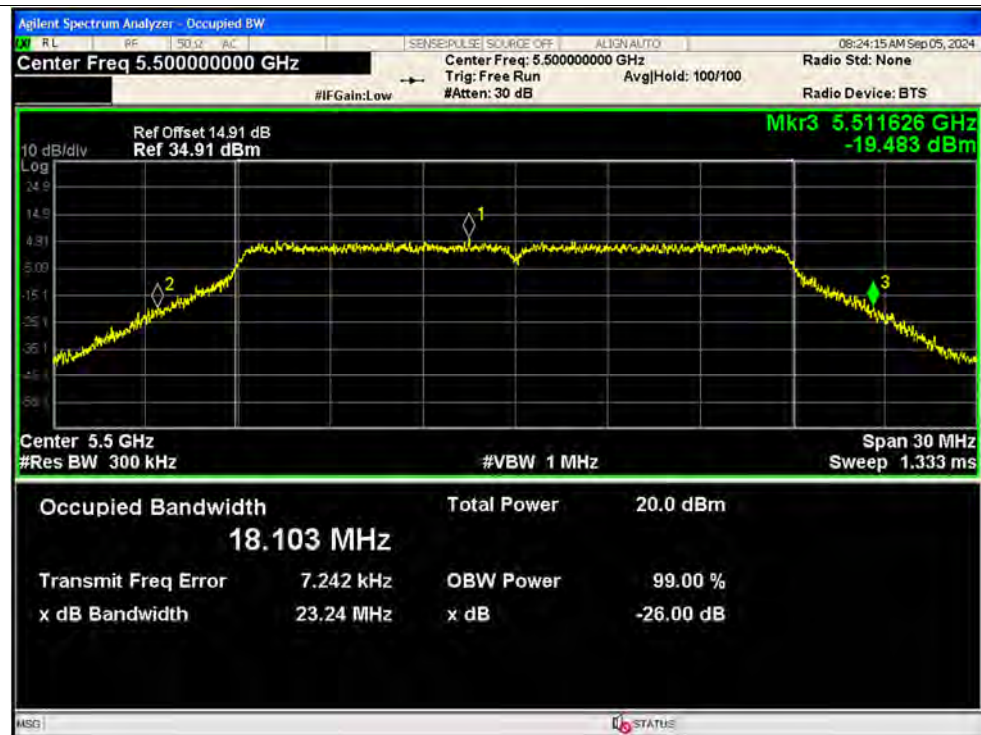
-26dB Bandwidth NVNT ac20 5300MHz Ant13 SISO



-26dB Bandwidth NVNT ac20 5320MHz Ant13 SISO

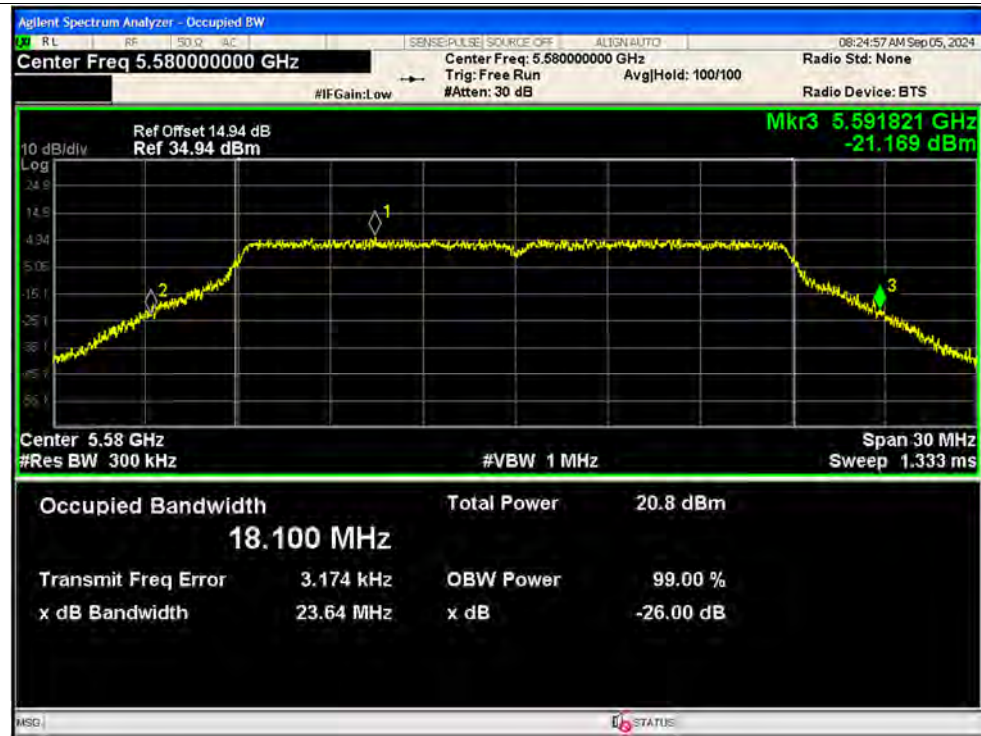


-26dB Bandwidth NVNT ac20 5500MHz Ant13 SISO





-26dB Bandwidth NVNT ac20 5580MHz Ant13 SISO

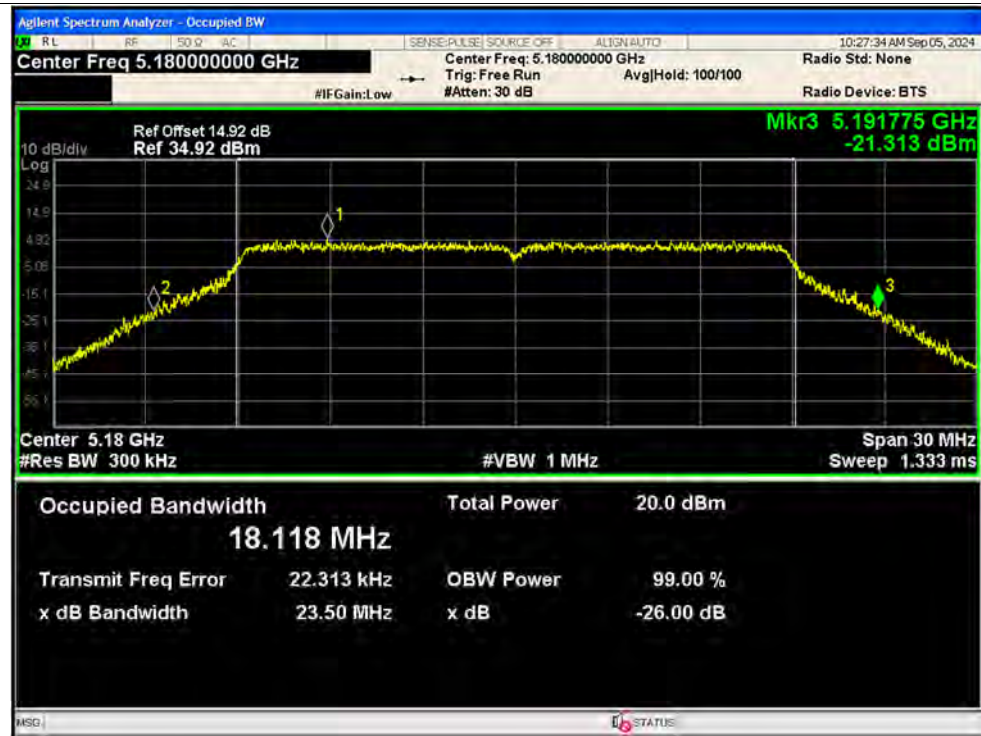


-26dB Bandwidth NVNT ac20 5700MHz Ant13 SISO





-26dB Bandwidth NVNT ac20 5180MHz Ant12 MIMO

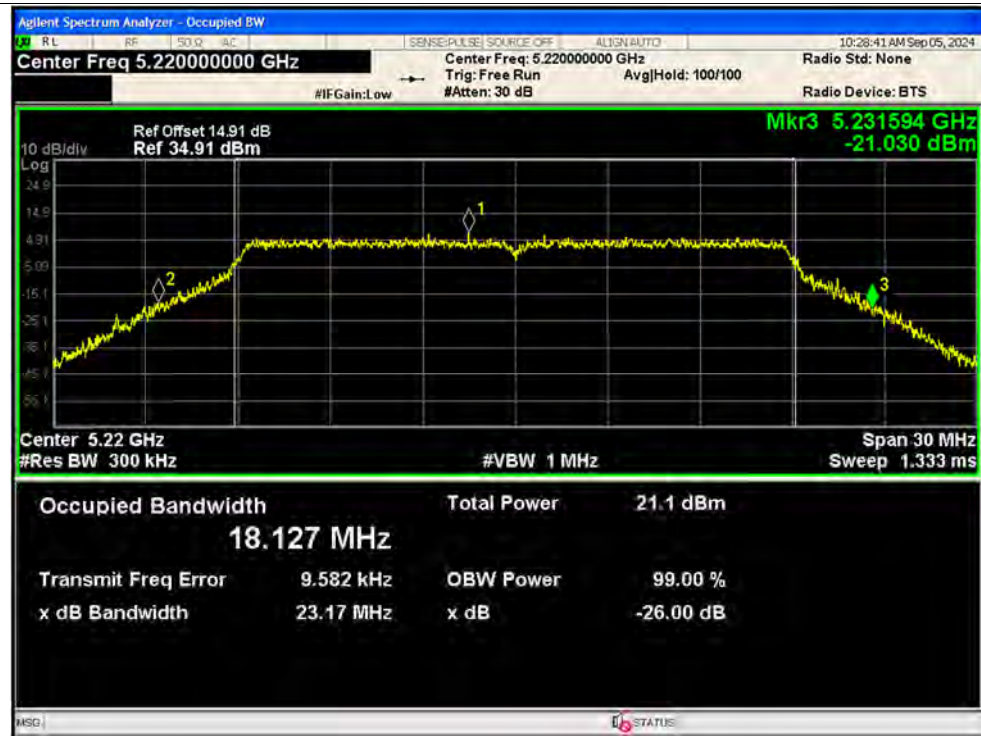


-26dB Bandwidth NVNT ac20 5180MHz Ant13 MIMO

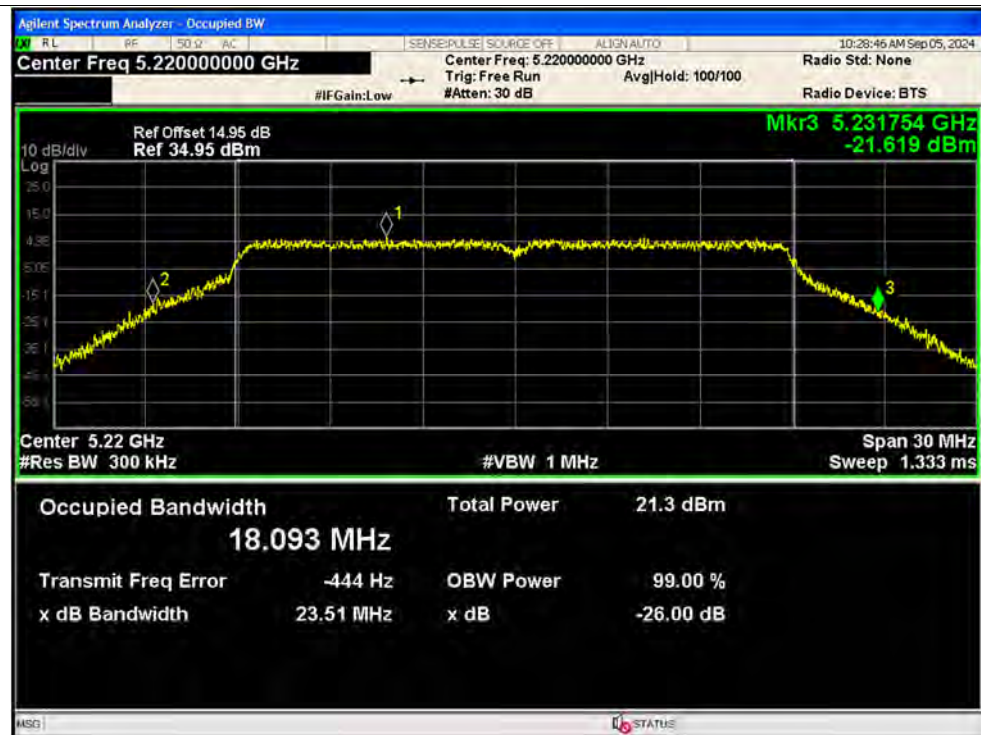




-26dB Bandwidth NVNT ac20 5220MHz Ant12 MIMO

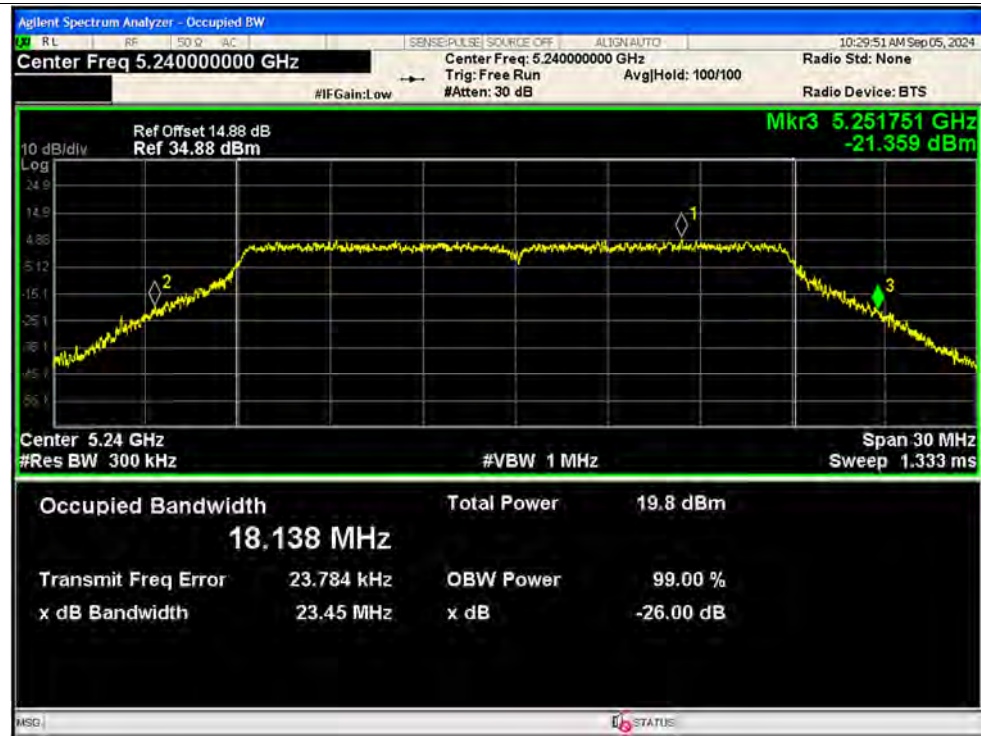


-26dB Bandwidth NVNT ac20 5220MHz Ant13 MIMO





-26dB Bandwidth NVNT ac20 5240MHz Ant12 MIMO

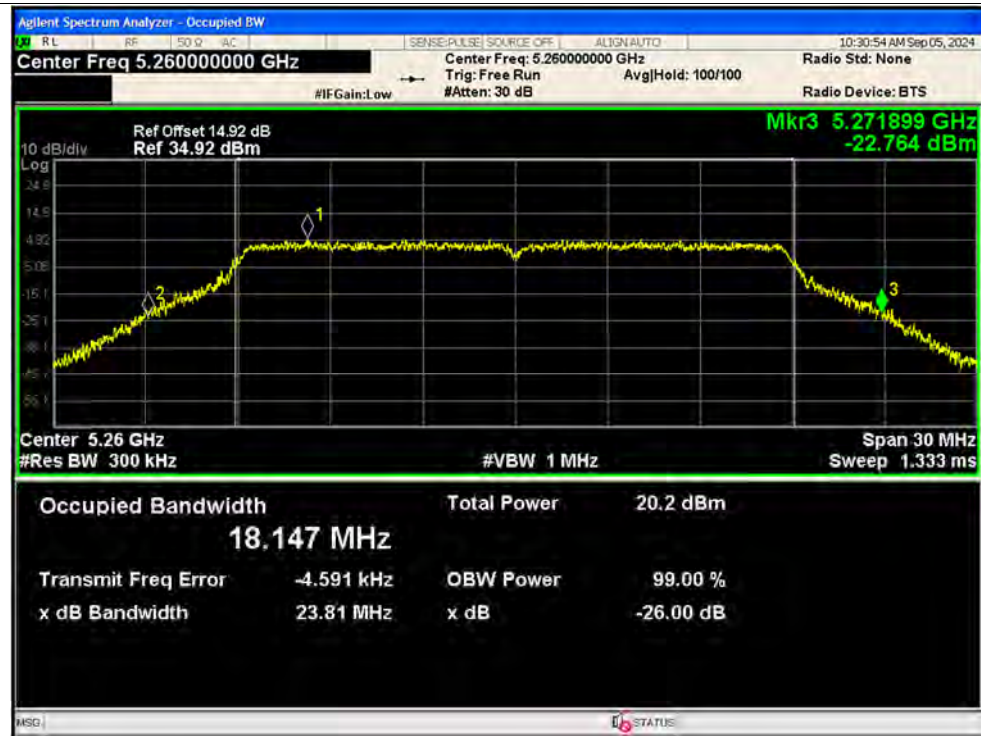


-26dB Bandwidth NVNT ac20 5240MHz Ant13 MIMO





-26dB Bandwidth NVNT ac20 5260MHz Ant12 MIMO

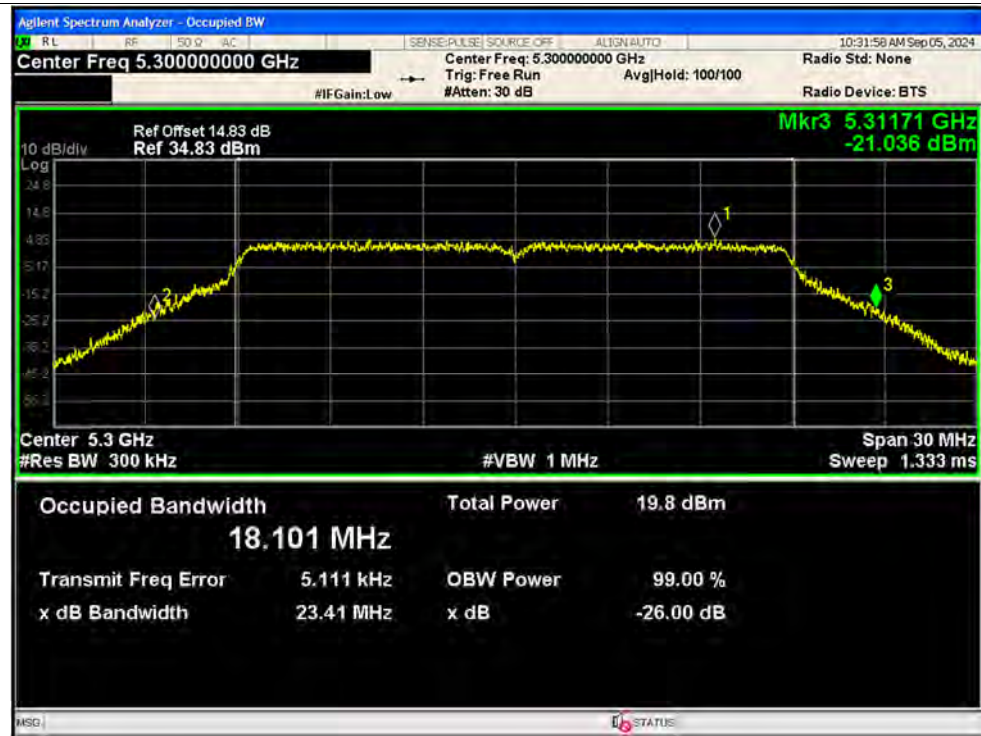


-26dB Bandwidth NVNT ac20 5260MHz Ant13 MIMO

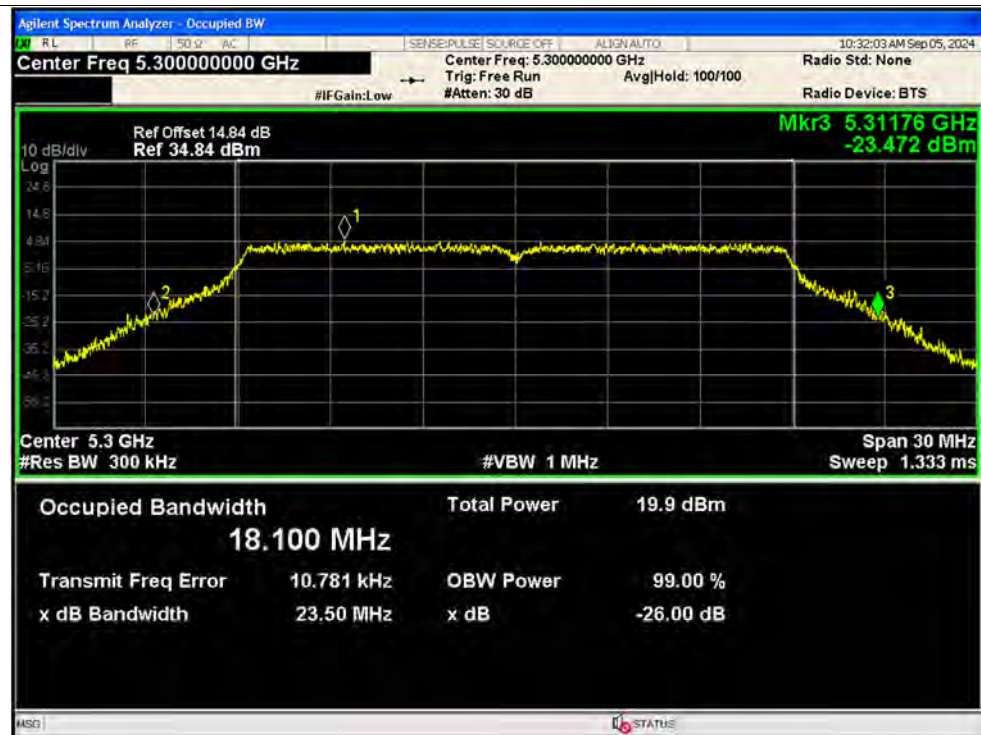




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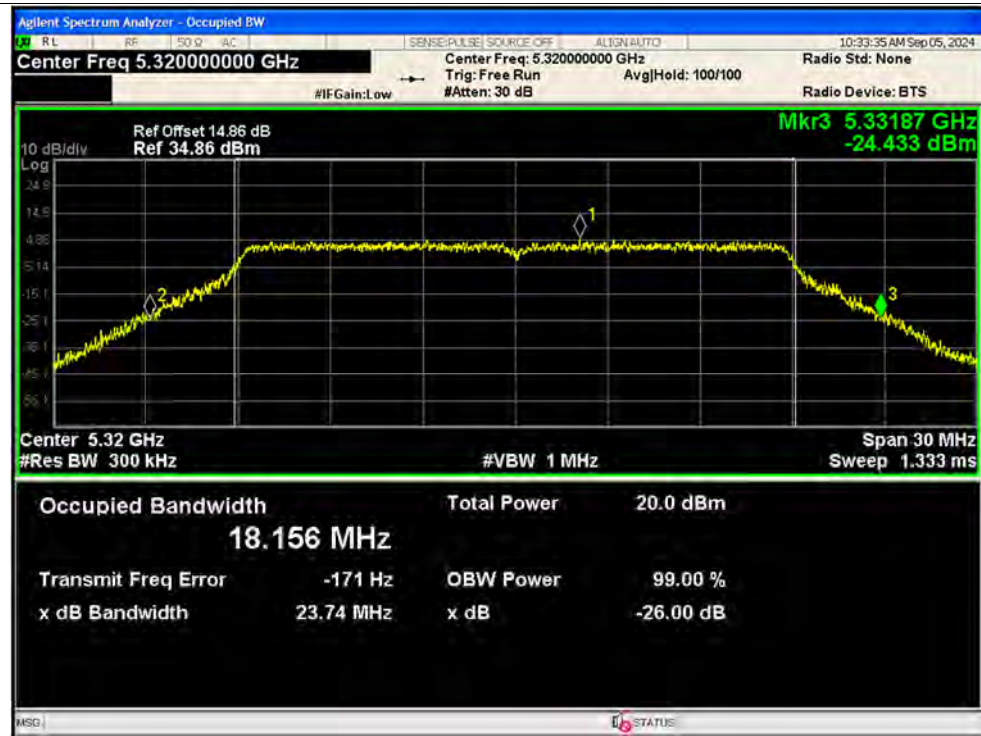


-26dB Bandwidth NVNT ac20 5300MHz Ant13 MIMO

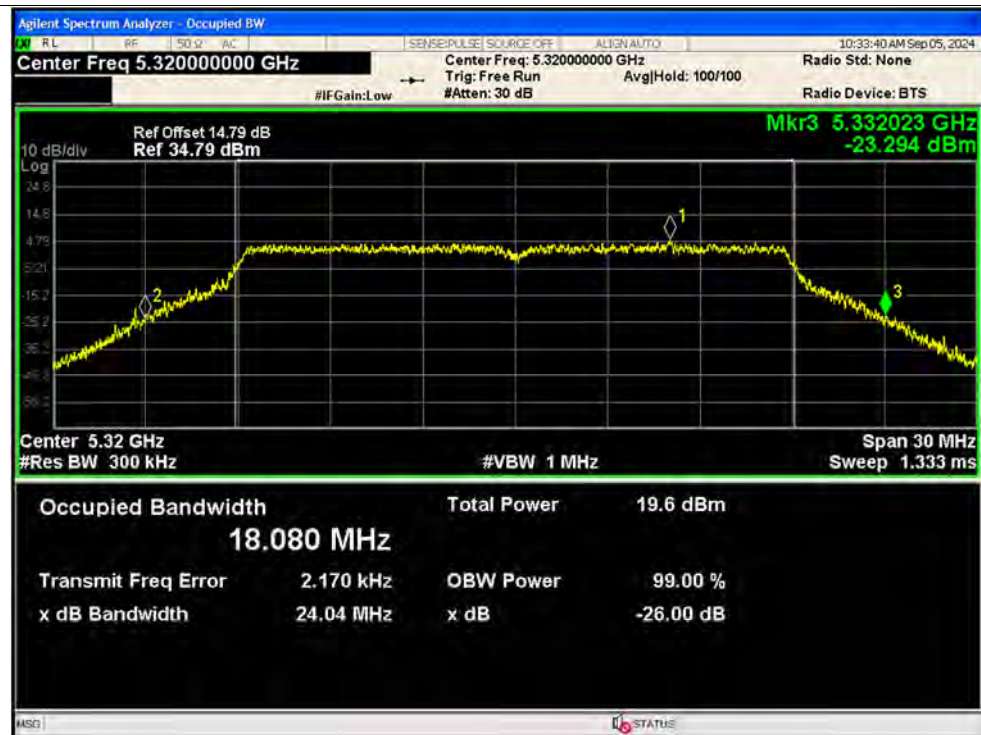




-26dB Bandwidth NVNT ac20 5320MHz Ant12 MIMO

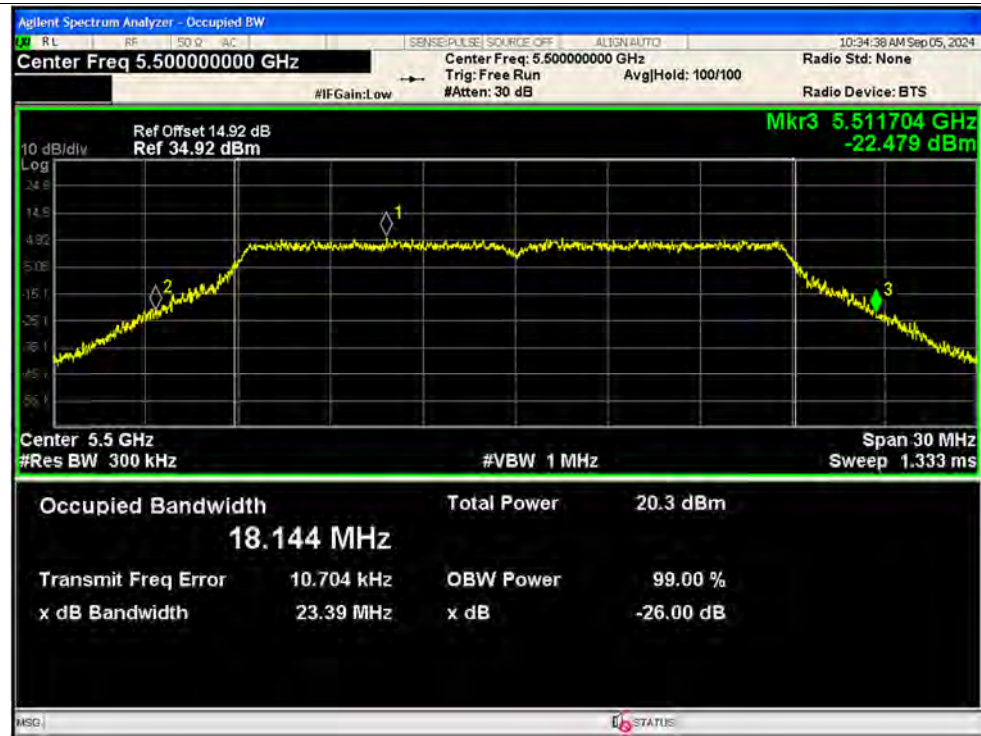


-26dB Bandwidth NVNT ac20 5320MHz Ant13 MIMO





-26dB Bandwidth NVNT ac20 5500MHz Ant12 MIMO

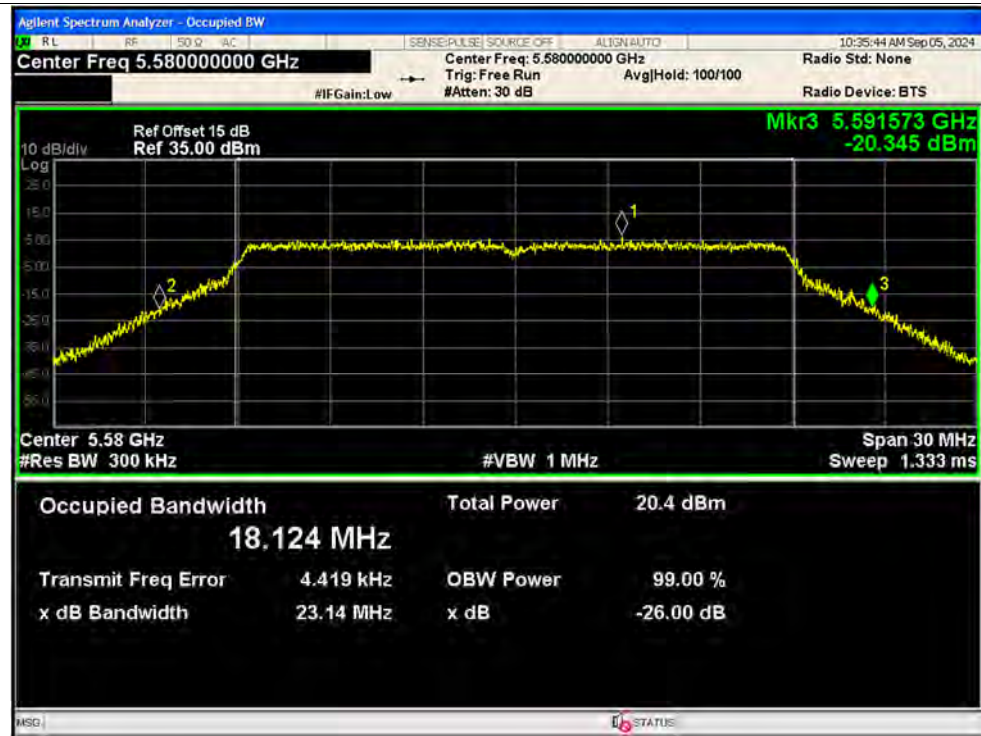


-26dB Bandwidth NVNT ac20 5500MHz Ant13 MIMO

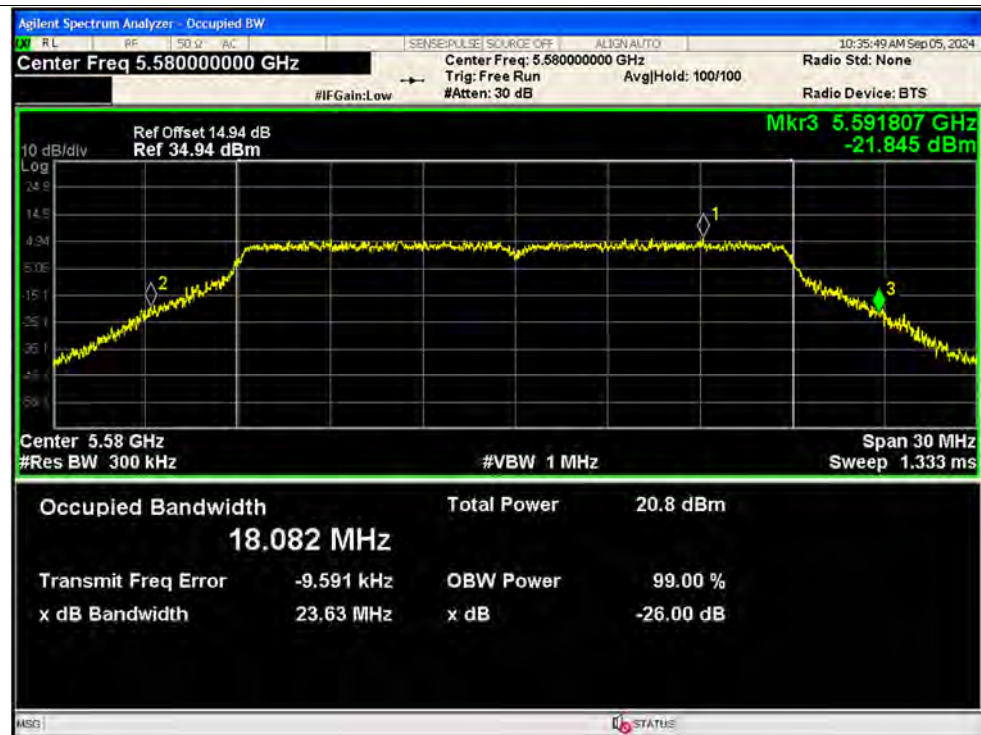




-26dB Bandwidth NVNT ac20 5580MHz Ant12 MIMO

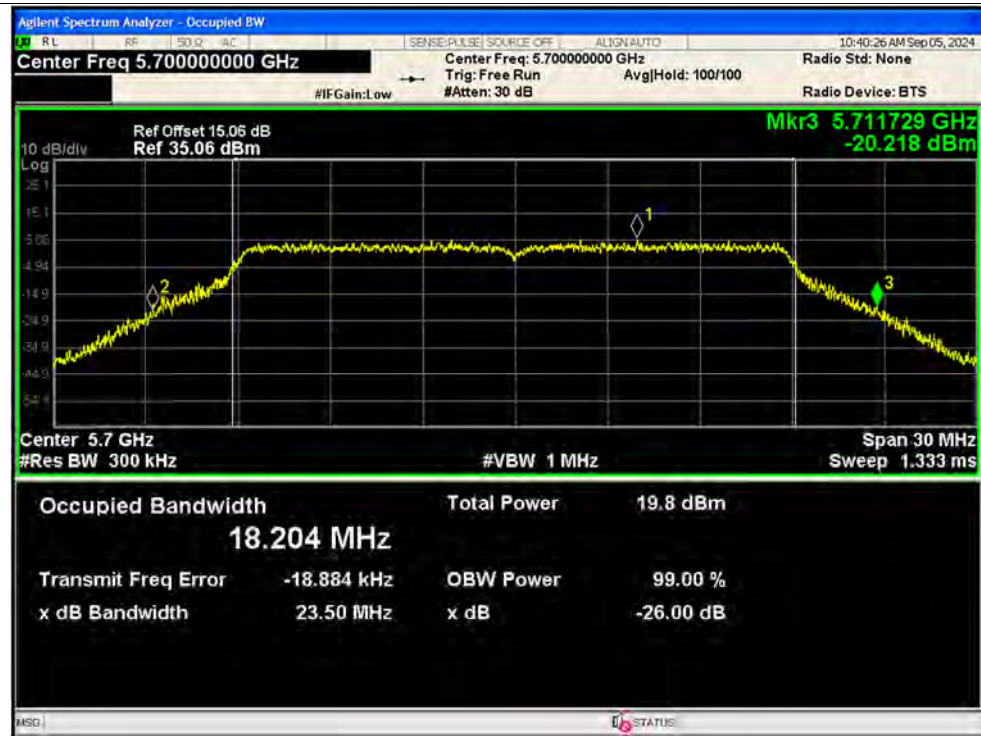


-26dB Bandwidth NVNT ac20 5580MHz Ant13 MIMO

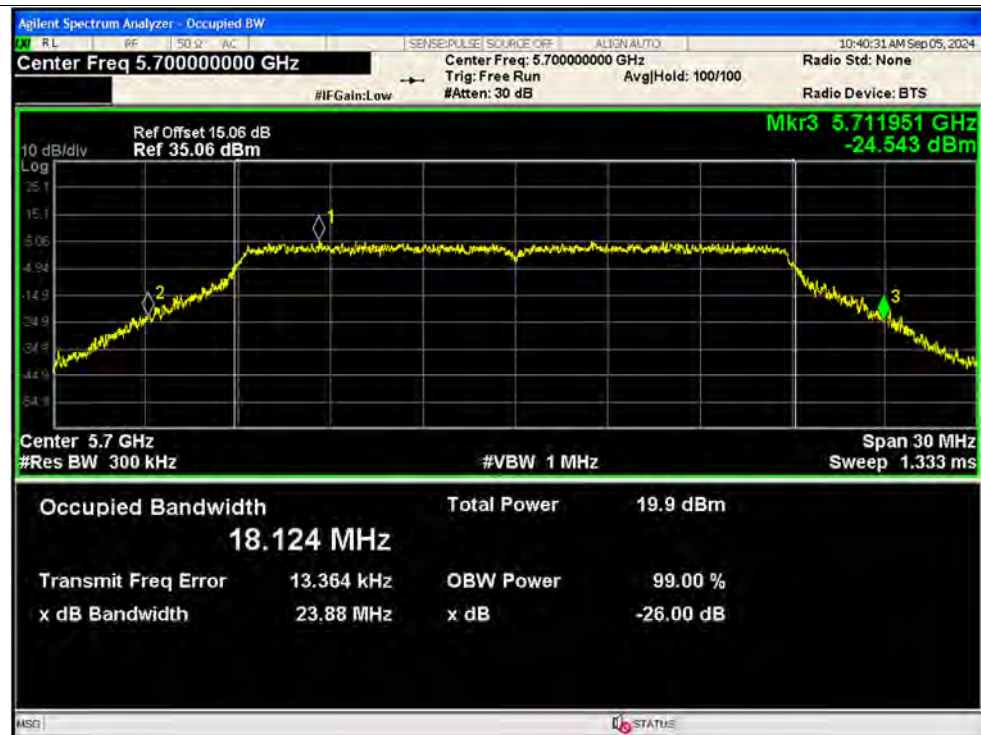




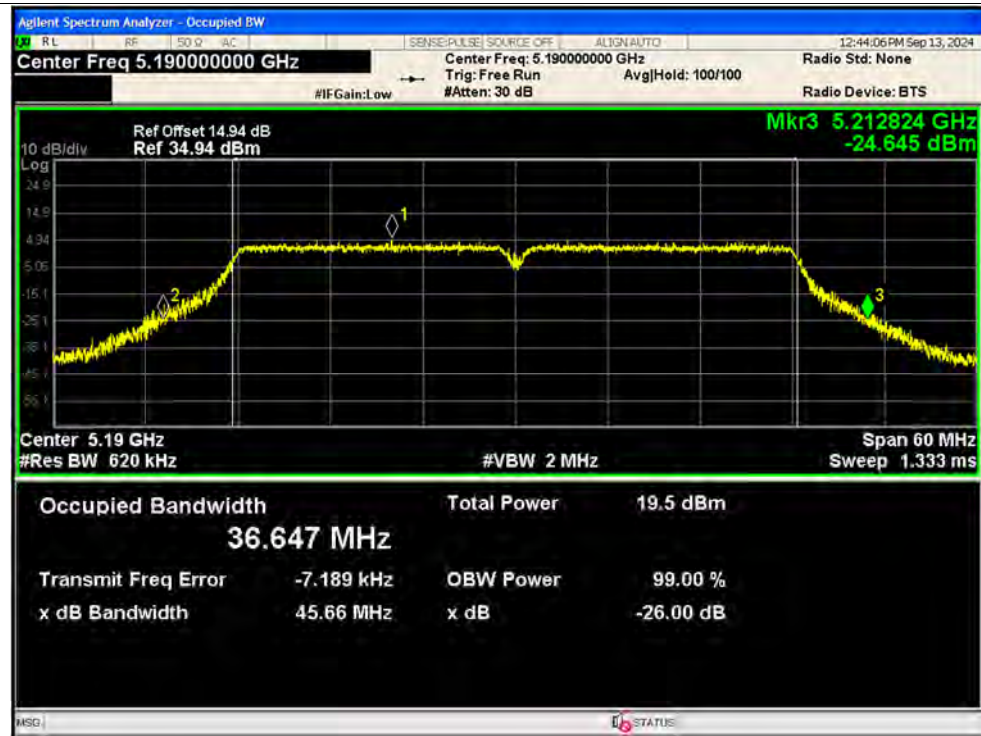
-26dB Bandwidth NVNT ac20 5700MHz Ant12 MIMO



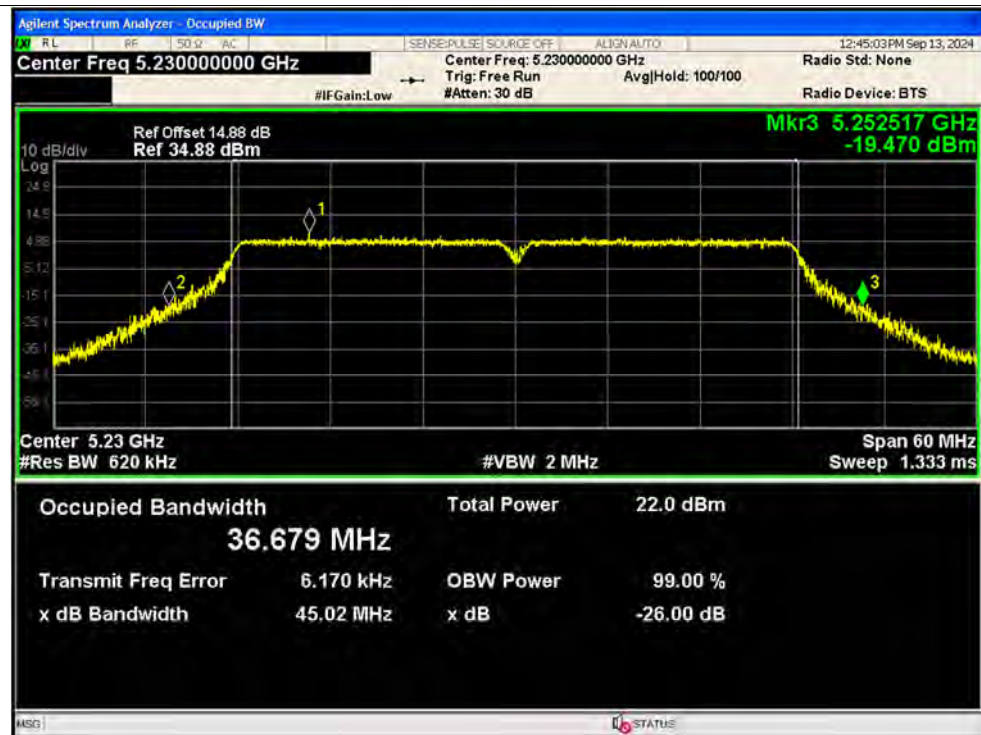
-26dB Bandwidth NVNT ac20 5700MHz Ant13 MIMO



-26dB Bandwidth NVNT ac40 5190MHz Ant12 SISO

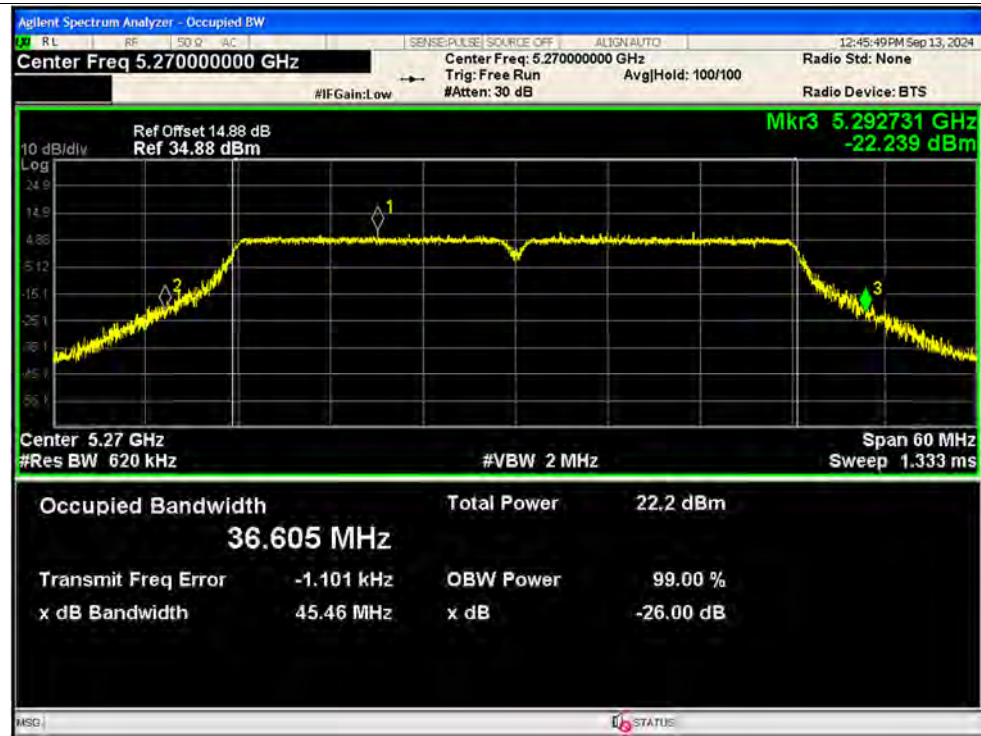


-26dB Bandwidth NVNT ac40 5230MHz Ant12 SISO

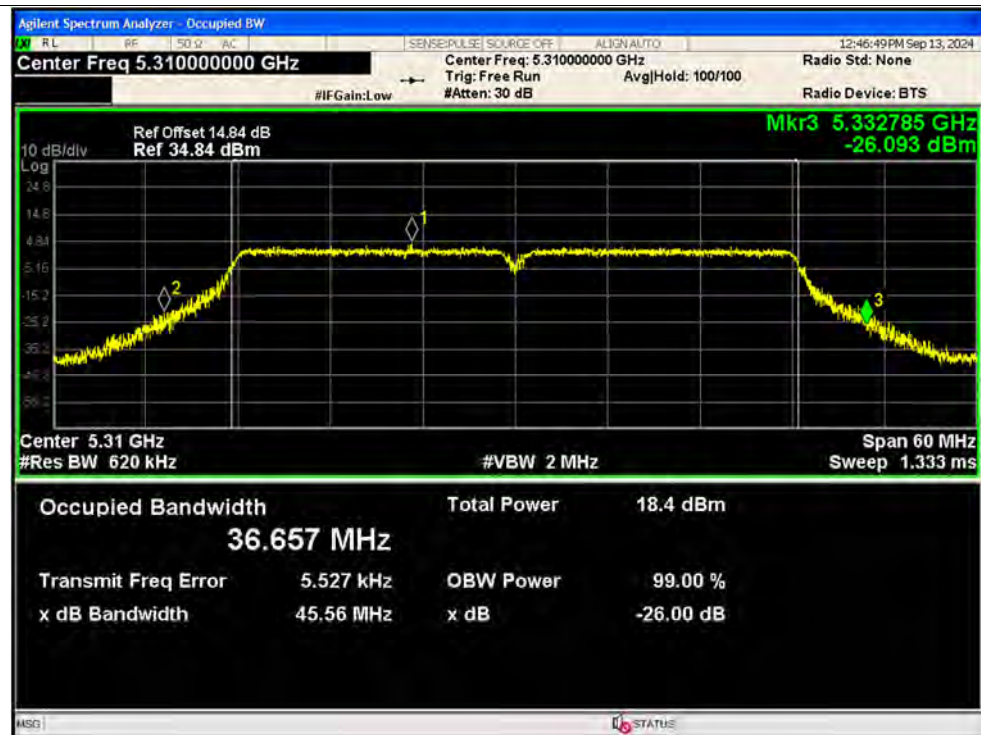




-26dB Bandwidth NVNT ac40 5270MHz Ant12 SISO

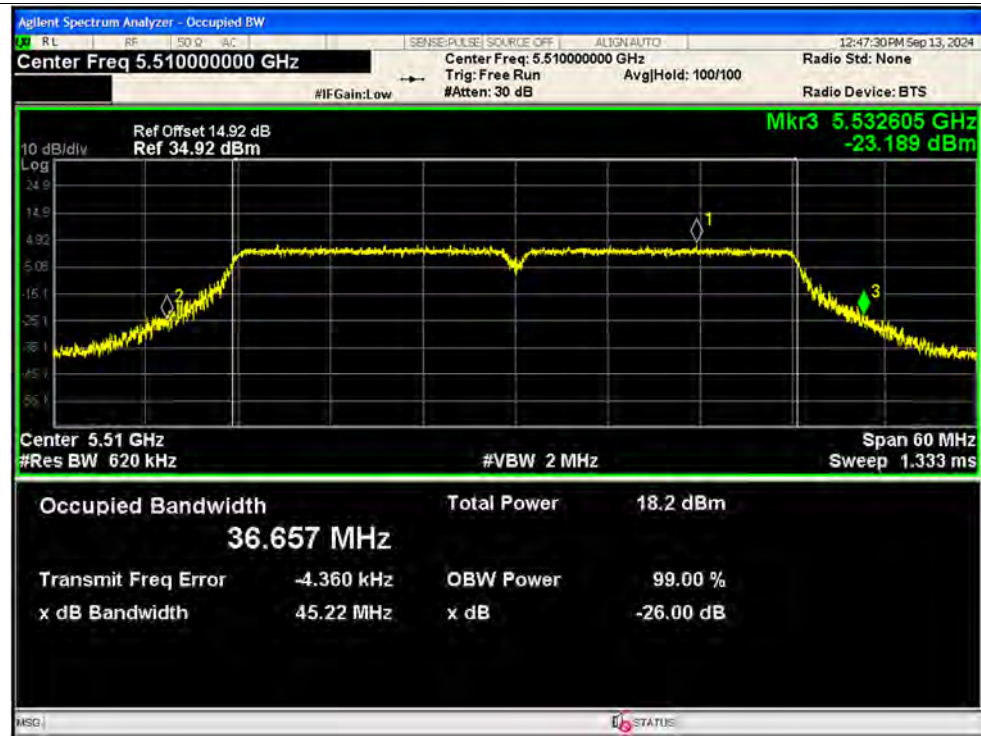


-26dB Bandwidth NVNT ac40 5310MHz Ant12 SISO

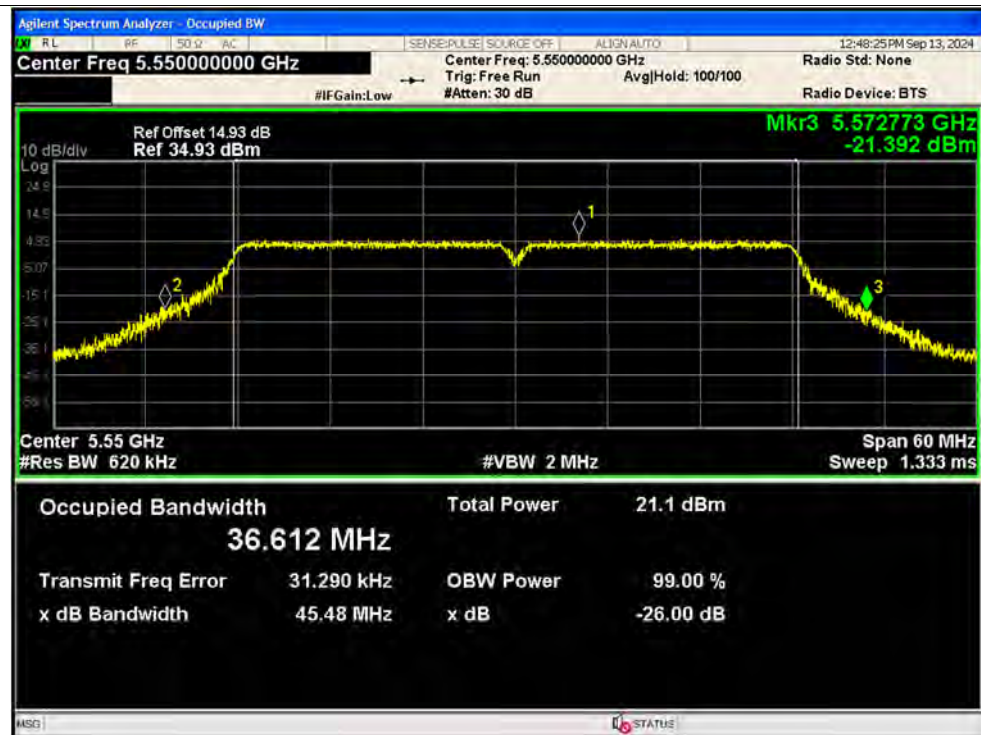




-26dB Bandwidth NVNT ac40 5510MHz Ant12 SISO

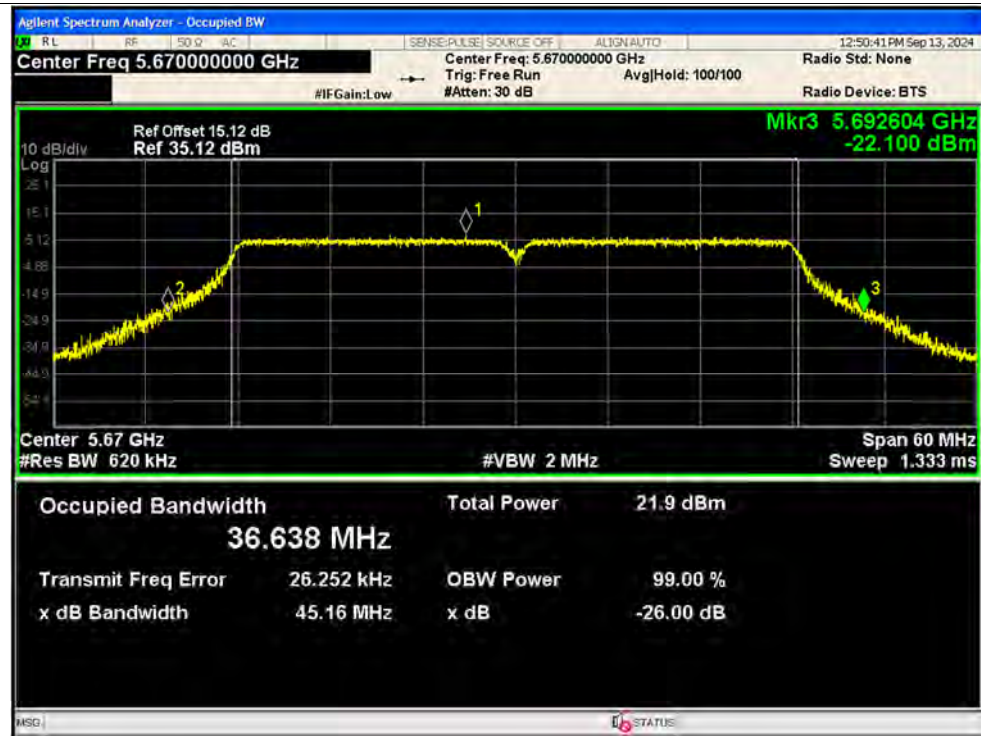


-26dB Bandwidth NVNT ac40 5550MHz Ant12 SISO





-26dB Bandwidth NVNT ac40 5670MHz Ant12 SISO

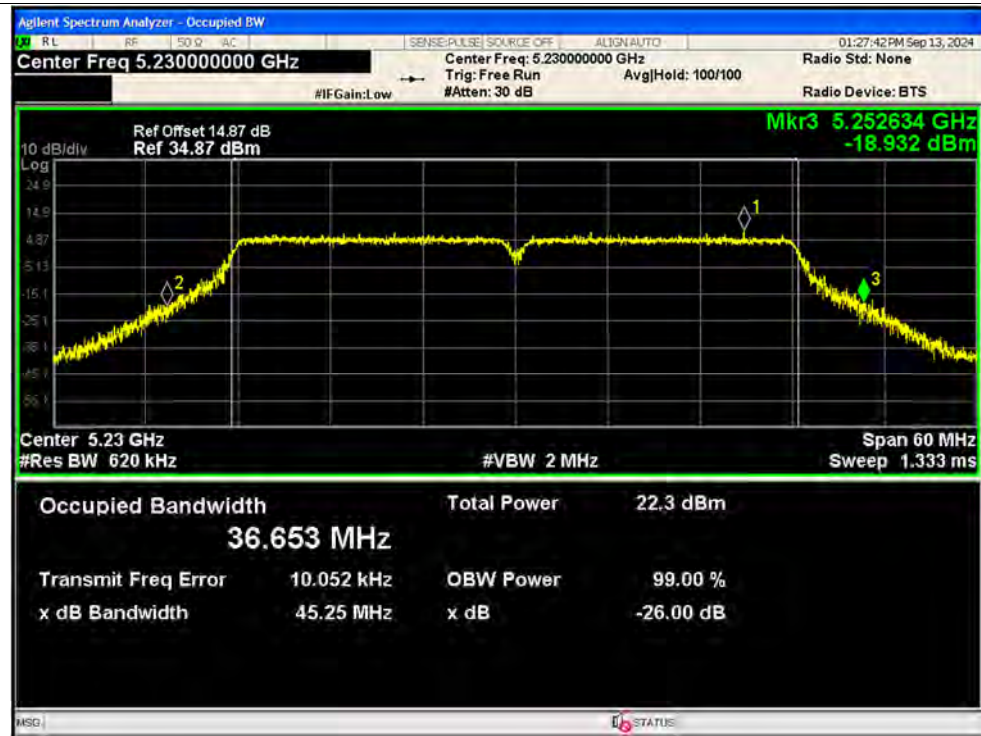


-26dB Bandwidth NVNT ac40 5190MHz Ant13 SISO

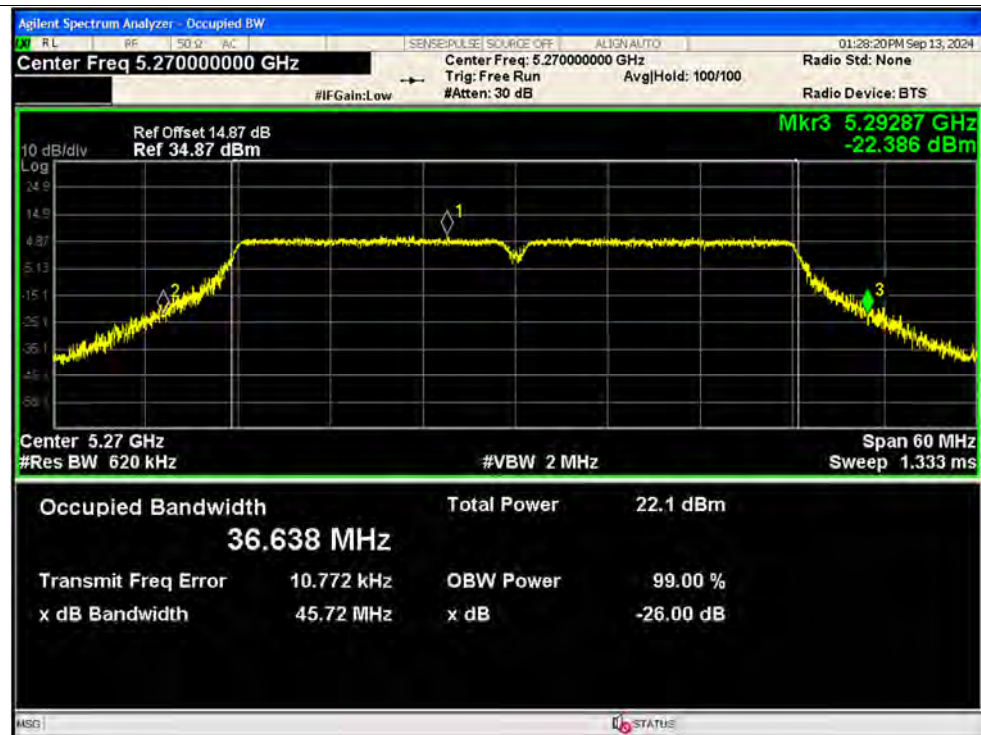




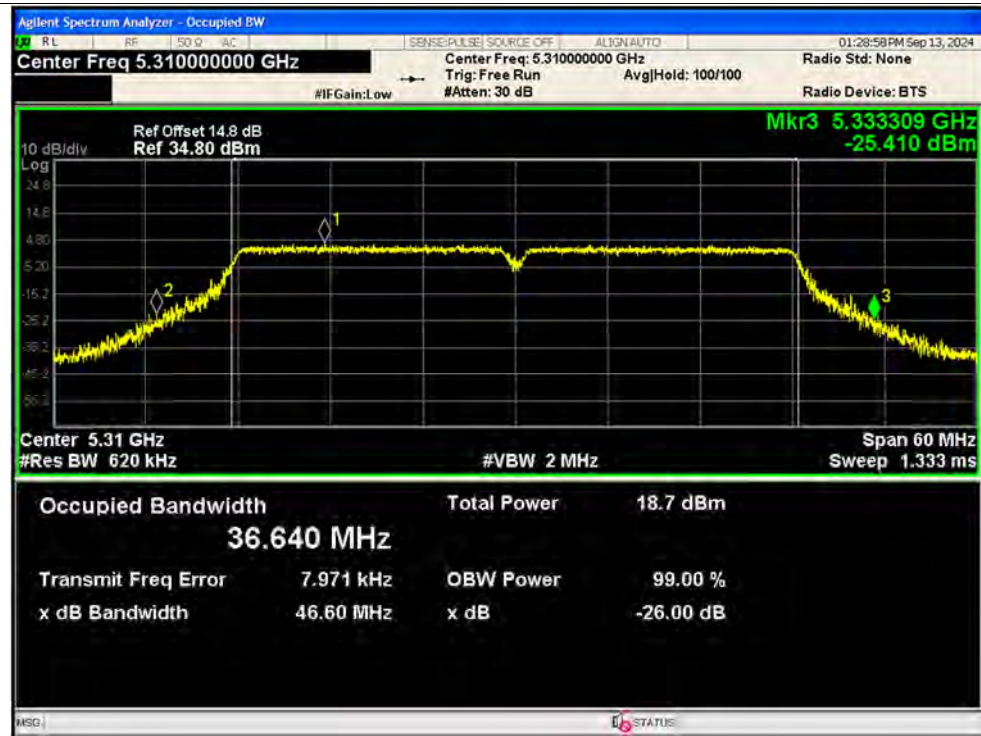
-26dB Bandwidth NVNT ac40 5230MHz Ant13 SISO



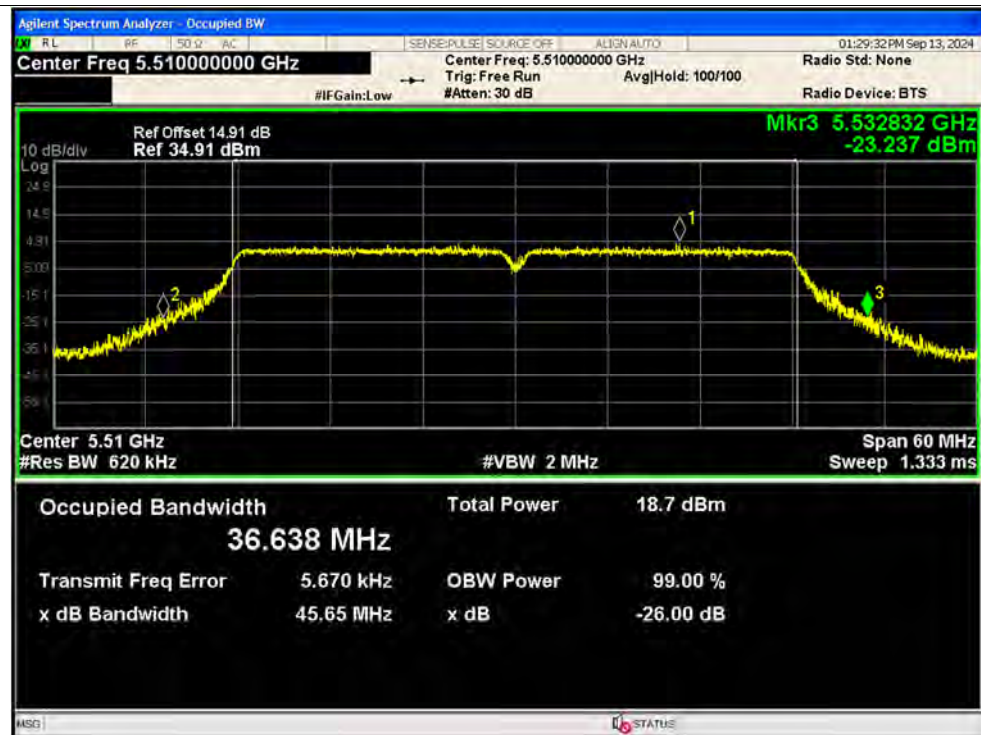
-26dB Bandwidth NVNT ac40 5270MHz Ant13 SISO



-26dB Bandwidth NVNT ac40 5310MHz Ant13 SISO

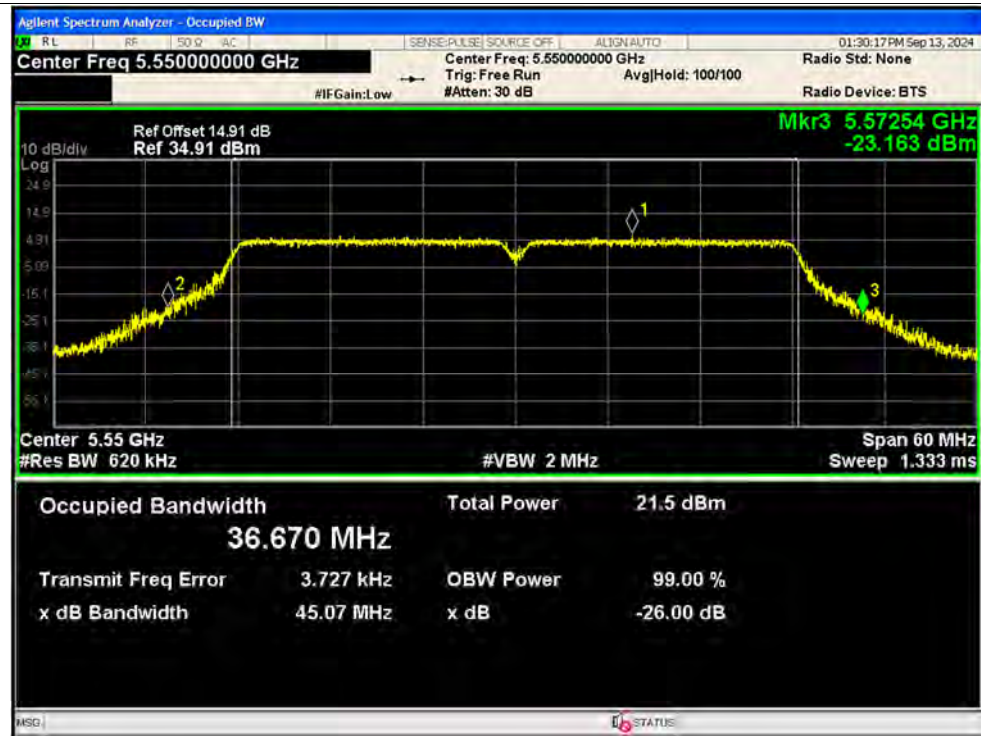


-26dB Bandwidth NVNT ac40 5510MHz Ant13 SISO

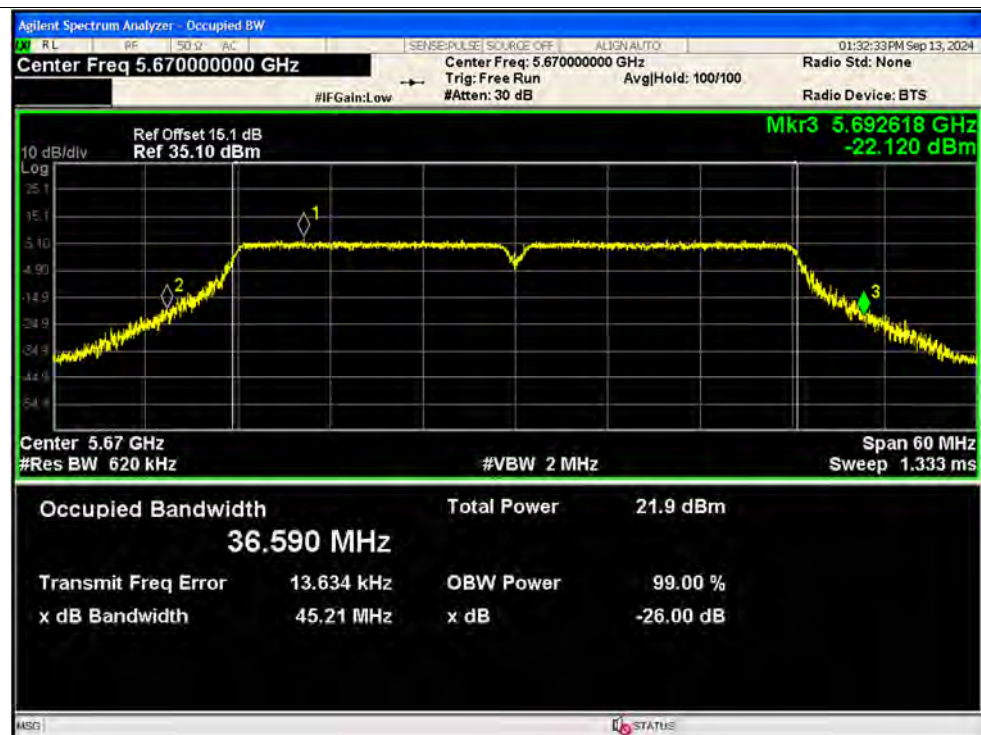




-26dB Bandwidth NVNT ac40 5550MHz Ant13 SISO

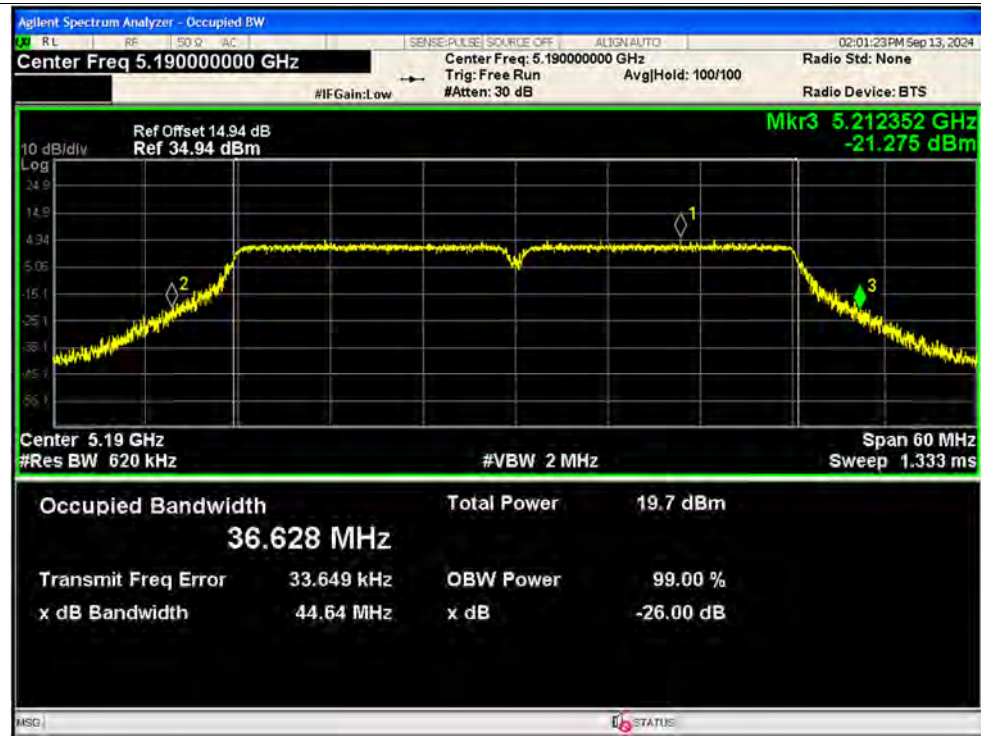


-26dB Bandwidth NVNT ac40 5670MHz Ant13 SISO

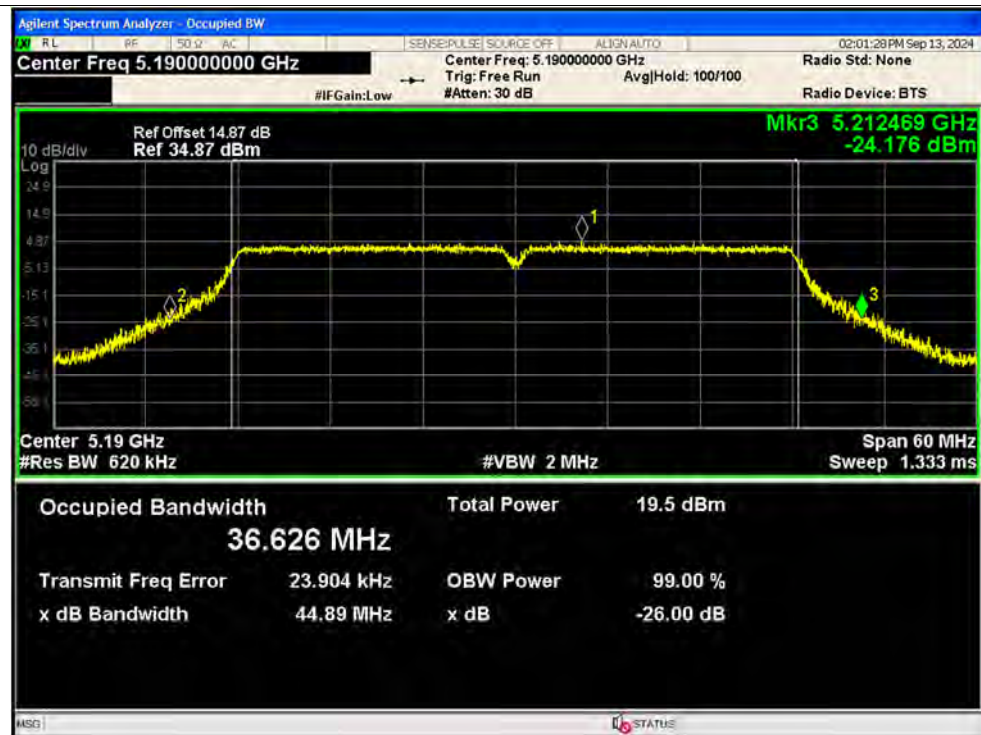




-26dB Bandwidth NVNT ac40 5190MHz Ant12 MIMO

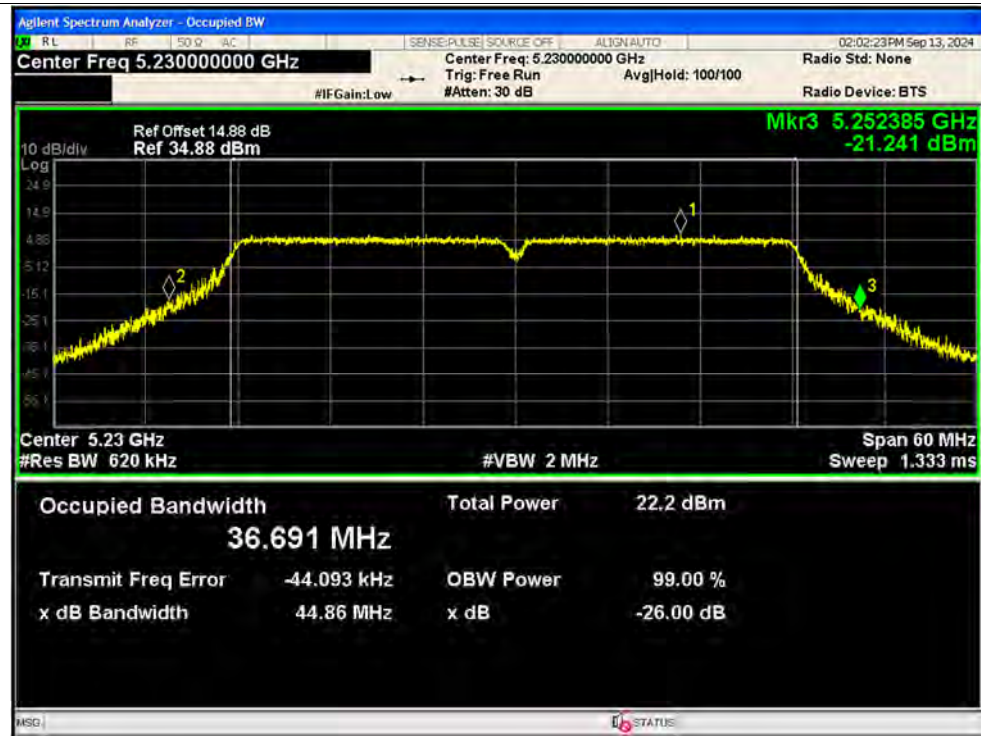


-26dB Bandwidth NVNT ac40 5190MHz Ant13 MIMO

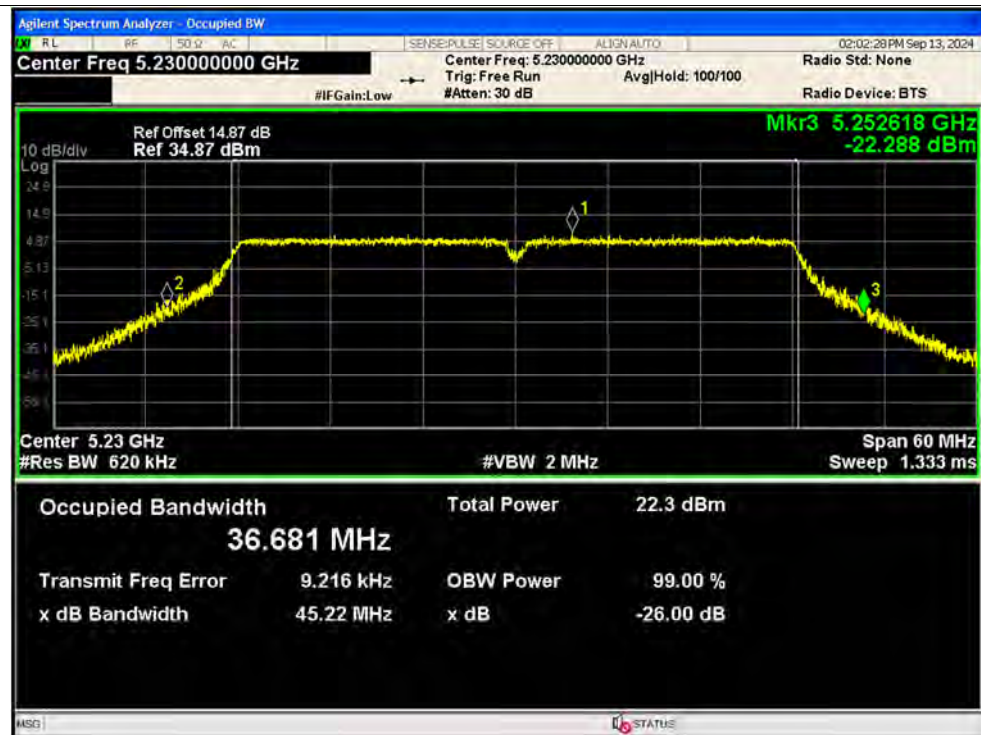




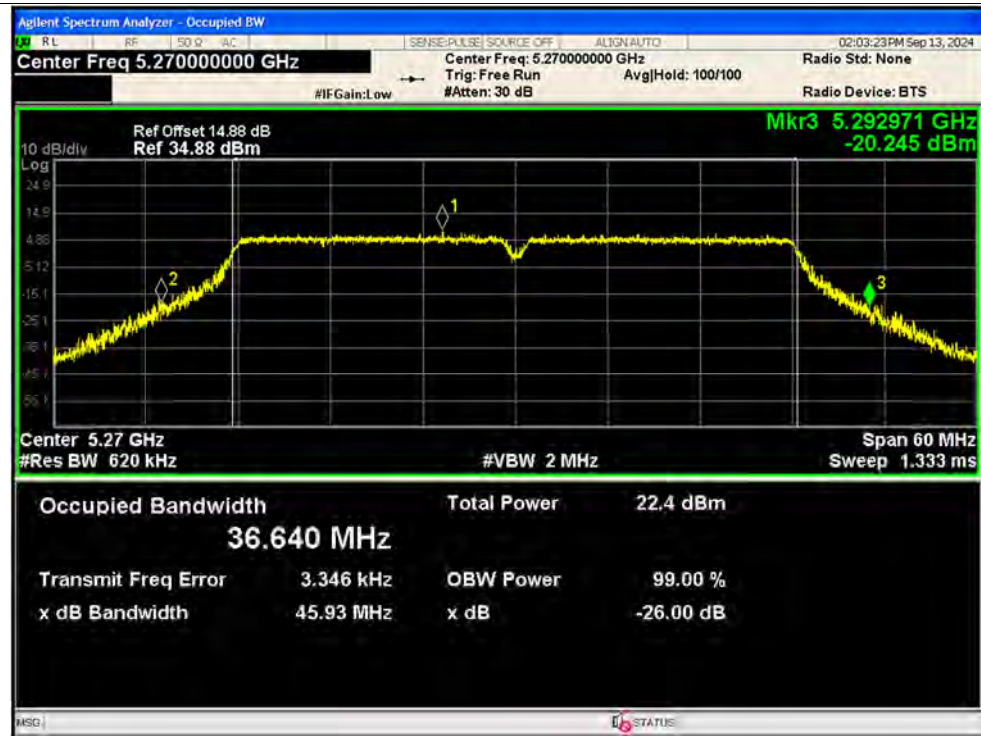
-26dB Bandwidth NVNT ac40 5230MHz Ant12 MIMO



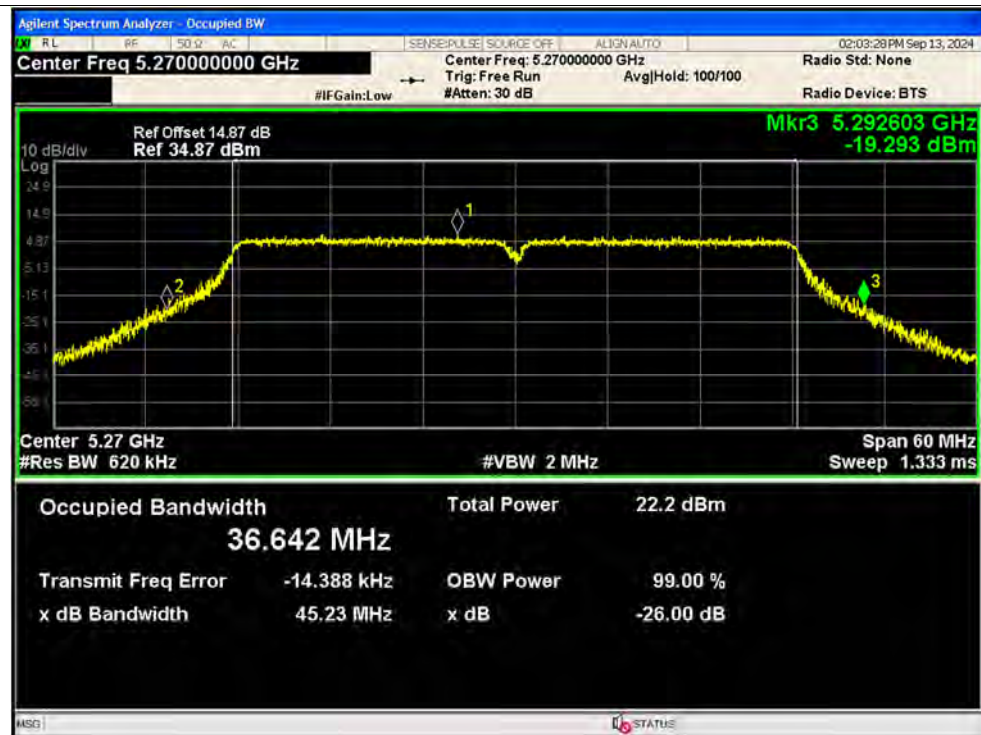
-26dB Bandwidth NVNT ac40 5230MHz Ant13 MIMO



-26dB Bandwidth NVNT ac40 5270MHz Ant12 MIMO

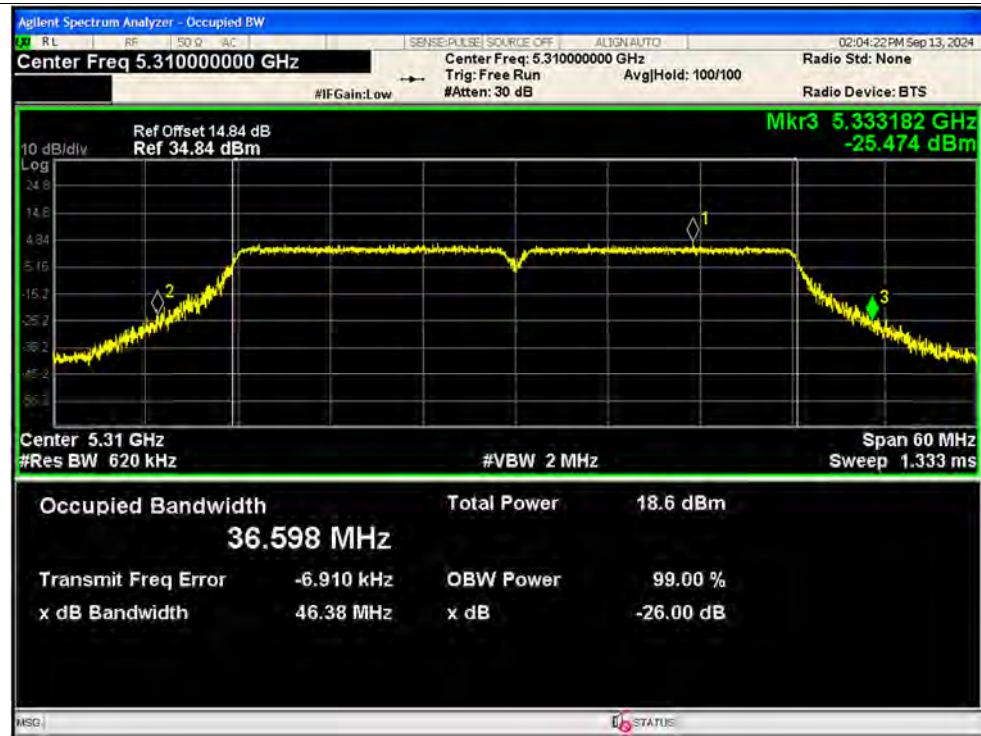


-26dB Bandwidth NVNT ac40 5270MHz Ant13 MIMO





-26dB Bandwidth NVNT ac40 5310MHz Ant12 MIMO



-26dB Bandwidth NVNT ac40 5310MHz Ant13 MIMO

