



REPORT No.: SZ24060156W04

TEST REPORT

APPLICANT : Shenzhen Mindray Bio-Medical
Electronics Co., Ltd.

PRODUCT NAME : AirSight

MODEL NAME : MP626WAC

BRAND NAME : mindray

FCC ID : ZLZ-TEARS

STANDARD(S) : 47 CFR Part 15 Subpart E

RECEIPT DATE : 2024-06-20

TEST DATE : 2024-06-28 to 2024-08-10

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Change History		
Version	Date	Reason for change
1.0	2024-08-29	First edition



1. Summary of Test Result

No.	Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
1	15.203	Antenna Requirement	N/A	N/A	PASS	No deviation
2	ANSI C63.10	Duty Cycle of the Test Signal	Jul. 31, 2024	Su Xiaoxian	PASS	No deviation
3	15.407(a)	Maximum Conducted Output Power	Jul. 31, 2024	Su Xiaoxian	PASS	No deviation
4	15.407(a)(e)	Emission Bandwidth	Jul. 30&31, 2024	Su Xiaoxian	PASS	No deviation
5	15.407(a)	Peak Power Spectral Density	Jul. 31, 2024	Su Xiaoxian	PASS	No deviation
6	15.407(g)	Frequency Stability	Aug. 06, 2023	Su Xiaoxian	PASS	No deviation
7	15.407(h)	DFS	Aug. 10, 2023	Su Xiaoxian	PASS	No deviation
8	15.207	Conducted Emission	Jun. 28, 2024	Wang Deyong	PASS	No deviation
9	15.407(b)	Restricted Frequency Bands	Jul. 25&28, 2024	Gao Jianrou	PASS	No deviation
	15.407(b)	Radiated Emission	Jul. 25&26, 2024	Gao Jianrou	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
Coaxial Cable	CB02	RF02	Morlab	N/A	N/A
SMA Connector	CN01	RF03	HUBER-SUHNER	N/A	N/A
Attenuator	MTJ6004-10	10dB	MTJ cooperation	N/A	N/A

1.2.2 Conducted Emission Test Equipment

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Receiver	MY56400093	N9038A	KEYSIGHT	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
Notch Filter	N/A	WRCG-2400- 2483.5-60SS	Wainwright	N/A	N/A
Anechoic Chamber	N/A	9m*6m*6m	CRT	2022.05.10	2025.05.09



1.3. Measurement Uncertainty

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

1.4. Testing Laboratory

Laboratory Name	Shenzhen Morlab Communications Technology Co., Ltd.
Laboratory Address	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China
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	Shenzhen Mindray Bio-Medical Electronics Co., Ltd.
Applicant Address	Mindray Building, Keji 12th Road South, High-Tech Industrial Park, Nanshan, Shenzhen, 518057, P.R. China
Manufacturer	Shenzhen Mindray Bio-Medical Electronics Co., Ltd.
Manufacturer Address	Mindray Building, Keji 12th Road South, High-Tech Industrial Park, Nanshan, Shenzhen, 518057, P.R. China

2.2. Information of EUT

Product Name:	AirSight	
Sample No.:	1#	
Hardware Version:	V1.06	
Software Version:	MP626WAC_1.0.3_EQ01_SMT	
Modulation Technology:	OFDM, OFDMA	
Modulation Mode:	802.11a, 802.11n (HT20), 802.11n (HT40) 802.11ac (VHT20), 802.11ac (VHT40), 802.11ac (VHT80), 802.11ac (VHT160) 802.11ax (HEW20), 802.11ax (HEW40), 802.11ax (HEW80), 802.11ax (HEW160)	
Operating Frequency Range:	5180MHz-5240MHz; 5260MHz-5320MHz; 5500MHz-5720MHz; 5745MHz-5825MHz	
Antenna Type:	PIFA Antenna	
Antenna Gain:	ANT 1: -2.1dBi; ANT 2: -2.1dBi	
Directional Gain:	0.91dBi Note 2	
Accessory Information:	Battery	
	Brand Name:	mindray
	Model No.:	MP626
	Serial No.:	N/A
	Rated Capacity:	4500mAh
	Rated Voltage:	3.85V
	Charge Limit:	4.4V
	Manufacturer:	JIAD E ENERGY TECHNOLOGY (ZHUHAI) CO LTD



Accessory Information:	AC Adapter	
	Brand Name:	N/A
	Model No.:	UES33LCPU-SPC
	Serial No.:	N/A
	Rated Output:	5.0V $\Rightarrow$ 3.0A, 9.0V $\Rightarrow$ 3.0A, 12.0V $\Rightarrow$ 2.5A, 15.0V $\Rightarrow$ 2.2A, 20.0V $\Rightarrow$ 1.65A
	Rated Input:	100-240V $\sim$ 50/60Hz, 0.9A
	Manufacturer:	Dongguan Shilong Fuhua Electronic Co., Ltd.

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

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

Note 2: According to KDB 662911 D01, the directional gain = $10\log[(10^{G0/20} + 10^{G1/20})^2/2] = 4.64\text{dBi}$.

Note 3: All radiation test items for 802.11n, 802.11ac and 802.11ax modulation mode operate at MIMO mode during the test. Other modulation mode operate at SISO mode, both of the two antennas were tested separately, we only recorded the worst test result(ANT 1) in this report.

Note 4: We use the dedicated software to control the EUT continuous transmission.

Note 5: For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.

2.3.Channel List of EUT

(U-NII-1) 5180MHz-5240MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	36	5180	40	5200
	44	5220	48	5240
40MHz	38	5190	46	5230
80MHz	42	5210		
(U-NII-2A) 5260MHz-5320MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	52	5260	56	5280
	60	5300	64	5320
40MHz	54	5270	62	5310
80MHz	58	5290		
160MHz	40	5250		
(U-NII-2C) 5500MHz-5720MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	100	5500	105	5520
	108	5540	112	5560
	116	5580	120	5600
	124	5620	128	5640
	132	5660	136	5680
	140	5700	144	5720
40MHz	102	5510	110	5550
	118	5590	126	5630
	134	5670	142	5710
80MHz	106	5530	122	5610
	138	5690		
160MHz	114	5570		
(U-NII-3) 5745MHz-5825MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	149	5745	153	5765
	157	5785	161	5805
	165	5825		
40MHz	151	5775	159	5795
80MHz	155	5775		

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

2.4. Test Configuration of EUT

2.4.1. Modulation Type and Data Rate of EUT

Mode	Bandwidth (MHz)	Modulation Technology	Modulation Type	Data Rate
802.11a	20	OFDM	BPSK	6/9/12/18/24/36/48/54Mbps
			QPSK	
			16QAM	
			64QAM	
802.11n	20/40 (HT20/40)	OFDM	BPSK	MCS0~MCS7
			QPSK	
			16QAM	
			64QAM	
802.11ac	20/40/80/160 (VHT20/40/80/160)	OFDM	BPSK	MSC0~MCS9
			QPSK	
			16QAM	
			64QAM	
			256QAM	
802.11ax	20/40/80/160 (HEW20/40/80/160)	OFDM/ OFDMA	BPSK	MSC0~MCS11
			QPSK	
			16QAM	
			64QAM	
			256QAM	
			1024QAM	

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



2.4.2.802.11ax RU Allocation

Bandwidth (MHz)	RU Size		User	RU Offset	
	Full (Tone)	Partial			
		(Tone)			Bandwidth (MHz)
20	242	26	2	9	@0/1/2/3/4/5/6/7/8
		52	4	4	@37/38/39/40
		106	8	2	@53/54
		242	20	1	@61
40	484	26	2	18	@0/1/2.....15/16/17
		52	4	8	@37/38/39/40/41/42/43/44
		106	8	4	@53/54/55/56
		242	20	2	@61/62
		484	40	1	@65
80	996	26	2	37	@0/1/2.....35/36
		52	4	16	@37/38/39.....50/51/52
		106	8	8	@53/54/55/56/57/58/59/60
		242	20	4	@61/62/63/64
		484	40	2	@65/66
		996	80	1	@67
160	996x2	26	2	74	@0/1/2.....35/36 S0/S1.....S35/S36
		52	4	32	@37/38/39.....50/51/52 S37/S38.....S51/S52
		106	8	16	@53/54/55/56/57/58/59/60 S53//S54.....S59/S60
		242	20	8	@61/62/63/64 S61/S62/S63/S64
		484	40	4	@65/66/S65/S66
		996	80	2	@67/S67
		996x2	160	1	@S68

**2.4.3.Operation and Transmitter Power Level Setting**

The EUT was tested while in a continues transmitter/receiver mode under the control of tool which is provided by manufacturer, all the items of transmitter were tested under the power setting as below:

Modulation Technology	Power Setting (U-NII 5/6/7/8)		
	ANT 1	ANT 2	ANT 1+2
802.11a	13	13	/
802.11n (HT20)	13	13	13
802.11n (HT40)	13	13	13
802.11ac (VHT20)	10	10	10
802.11ac (VHT40)	10	10	10
802.11ac (VHT80)	10	10	10
802.11ax (HE20)	10	10	10
802.11ax (HE40)	10	10	10
802.11ax (HE80)	10	10	10
802.11ax (HE160)	10	10	10

802.11ax RU Allocation:

BW (MHz)	RU Size (Tone)		Power Setting		
	Full	Partial	ANT 1	ANT 2	ANT 1+2
20	242	26	10	10	10
		52	10	10	10
		106	10	10	10
40	484	26	10	10	10
		52	10	10	10
		106	10	10	10
		242	10	10	10
80	996	26	10	10	10
		52	10	10	10
		106	10	10	10
		242	10	10	10
		484	10	10	10
160	996x2	26	10	10	10
		52	10	10	10
		106	10	10	10
		242	10	10	10



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		484	10	10	10
		996	10	10	10

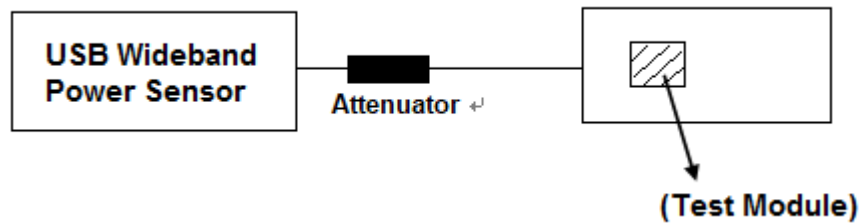
2.5. Test Conditions

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

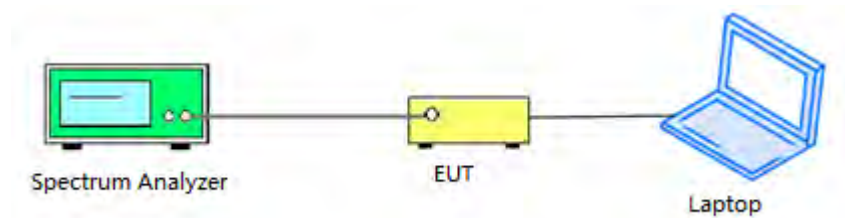
2.6. Test Setup Layout Diagram

2.6.1. Conducted Measurement

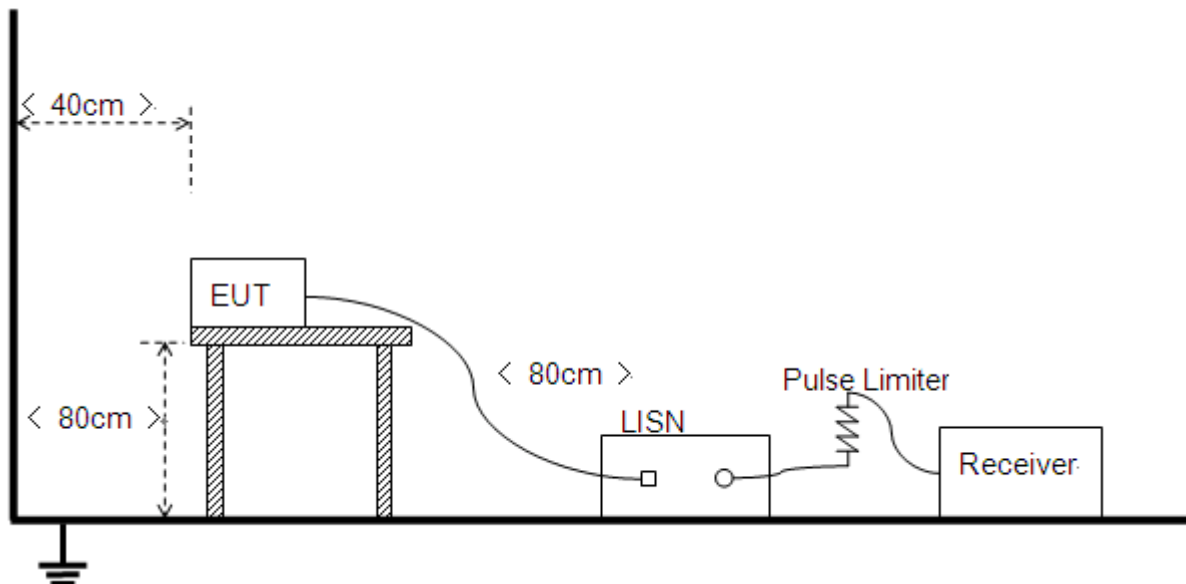
For power item that BW below 80MHz system:



For power item that BW equal or above 80MHz and other items:

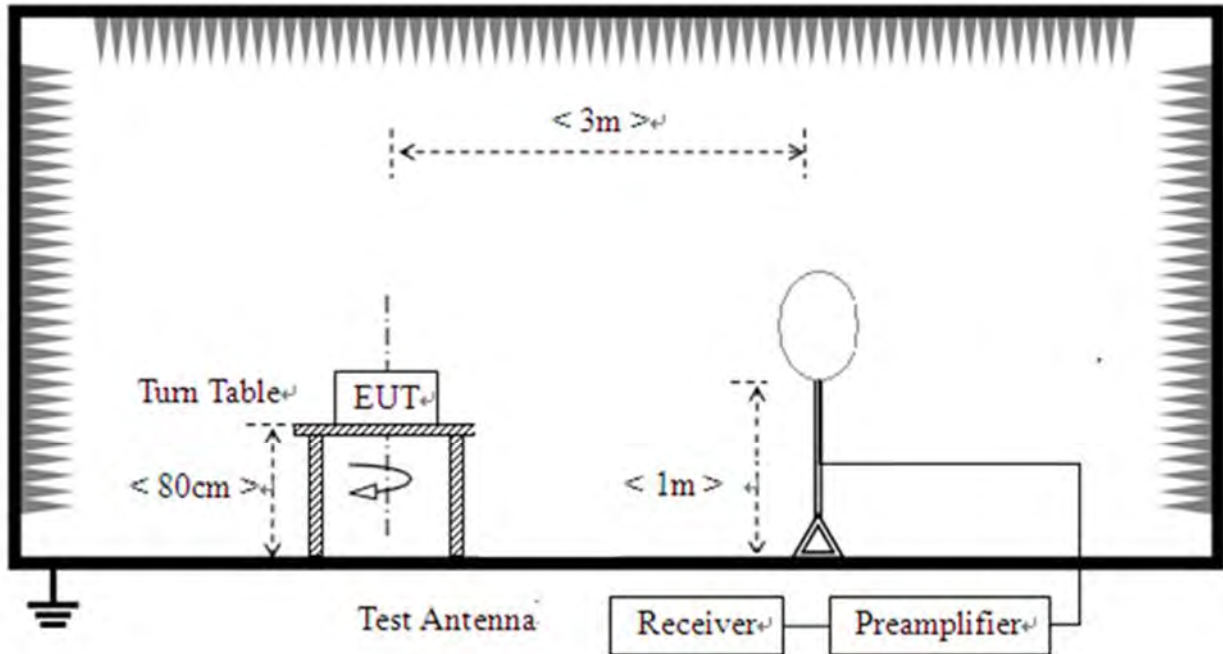


2.6.2. Conducted Emission Measurement

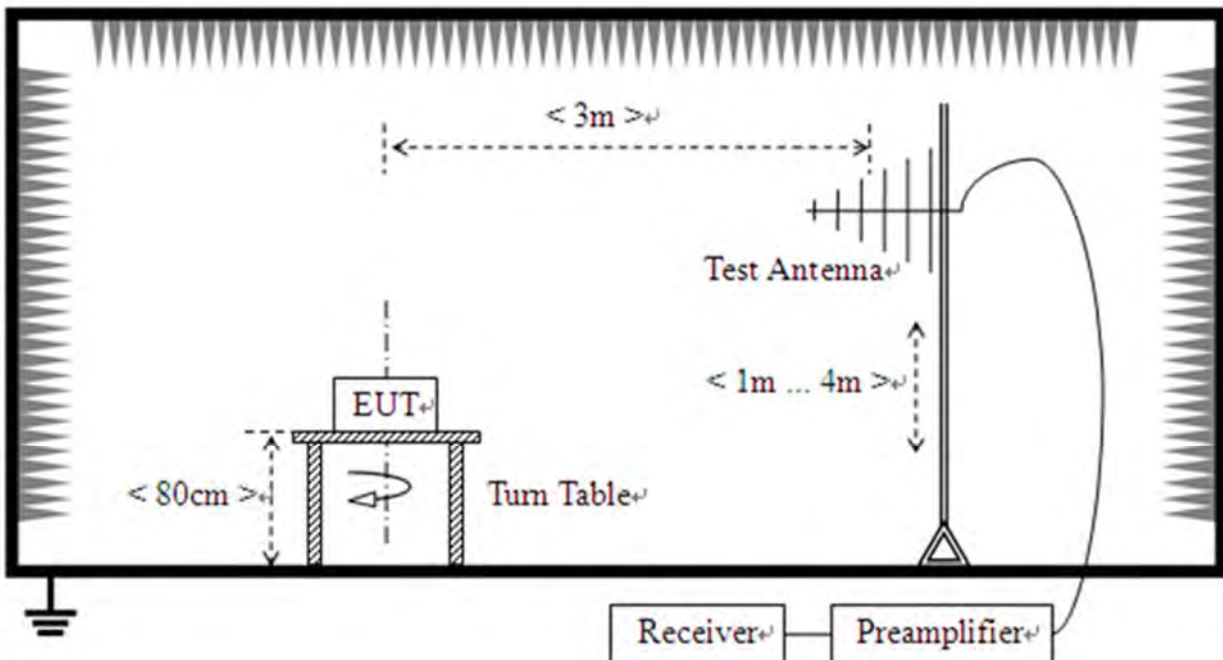


2.6.3.Radiation Measurement

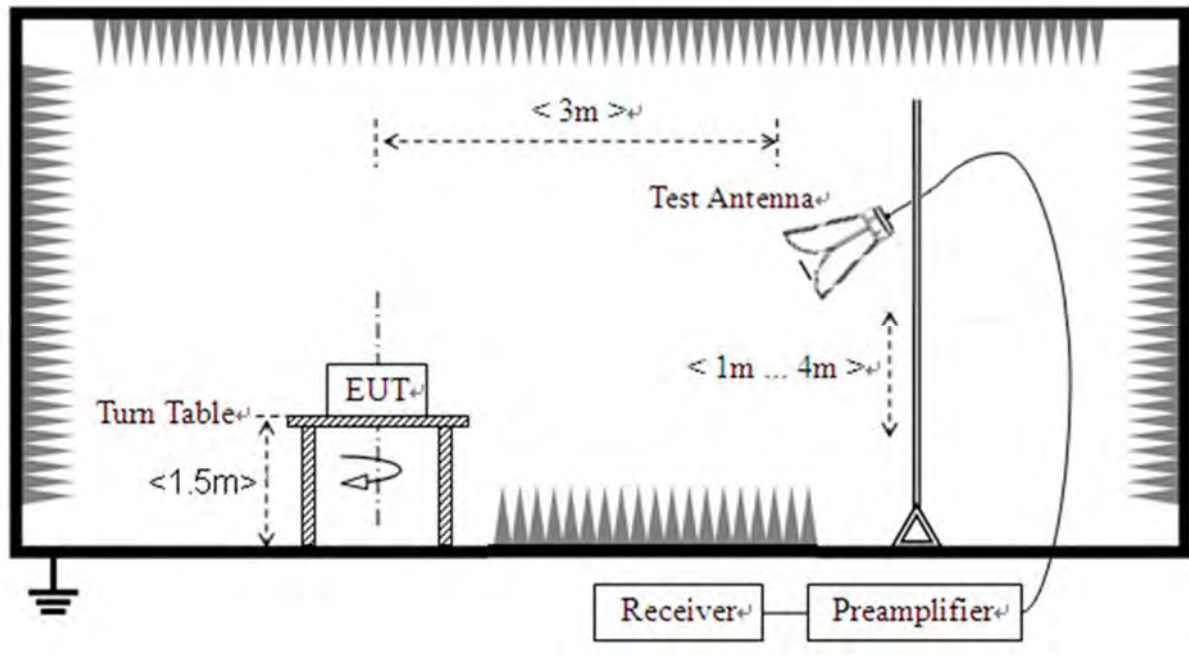
1) For radiated emissions from 9kHz to 30MHz



2) For radiated emissions from 30MHz to 1GHz



3) For radiated emissions above 1GHz





3. Test Results

3.1. Antenna Requirement

3.1.1. Requirement

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

3.1.2. Test Result

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

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

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

For ac (VHT80) mode power

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



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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.



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.

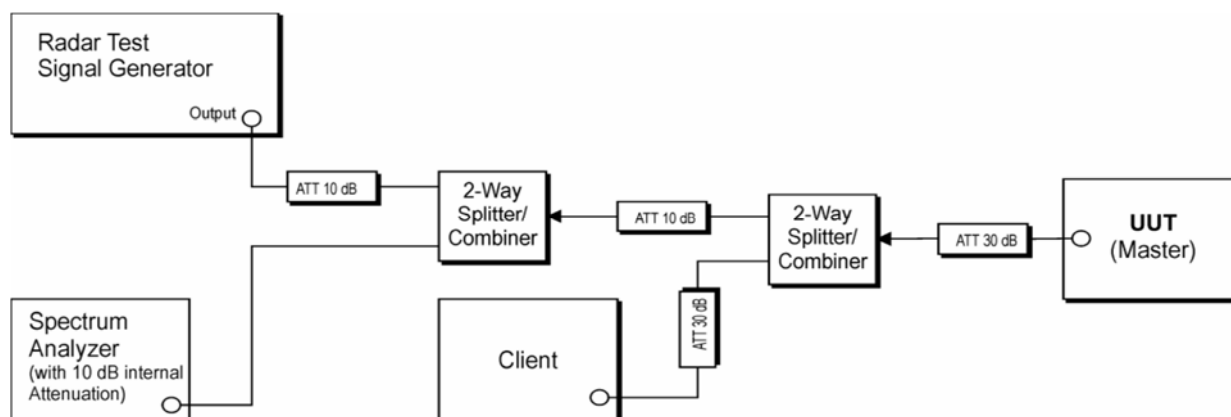
Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The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

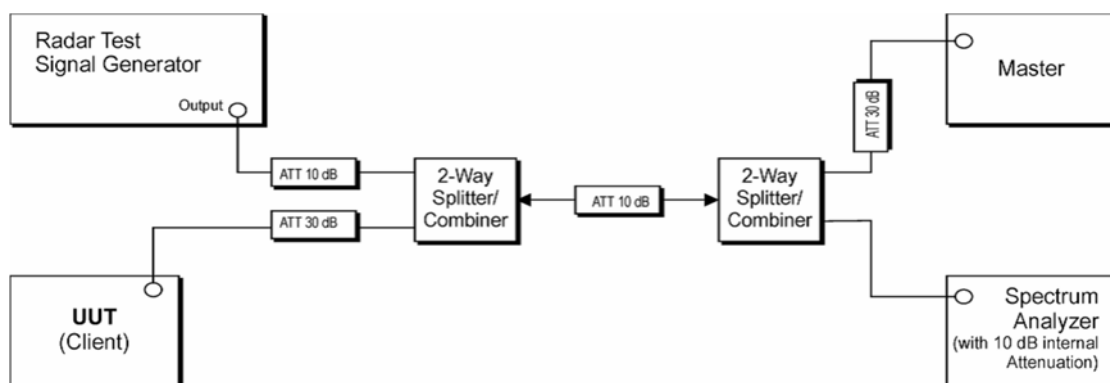
According to Section 7.2 of KDB 905462 D02 V01R01

1. Setup for Master with injection at the Master



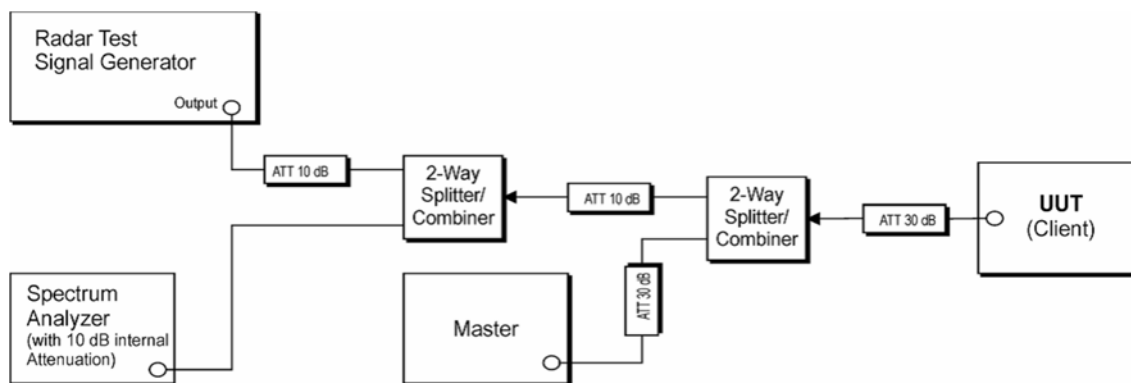
(Example Conducted Setup where UUT is a Master and Radar Test Waveforms are injected into the Master)

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	Ant1	99.53	0.02	0.24
NVNT	a SISO	5220	Ant1	99.53	0.02	0.24
NVNT	a SISO	5240	Ant1	99.53	0.02	0.24
NVNT	a SISO	5260	Ant1	99.05	0.04	0.48
NVNT	a SISO	5300	Ant1	99.05	0.04	0.48
NVNT	a SISO	5320	Ant1	99.05	0.04	0.48
NVNT	a SISO	5500	Ant1	99.53	0.02	0.24
NVNT	a SISO	5600	Ant1	99.05	0.04	0.48
NVNT	a SISO	5720	Ant1	99.05	0.04	0.48
NVNT	a SISO	5745	Ant1	99.05	0.04	0.48
NVNT	a SISO	5785	Ant1	99.53	0.02	0.24
NVNT	a SISO	5825	Ant1	99.53	0.02	0.24
NVNT	a SISO	5180	Ant2	99.63	0.02	0.19
NVNT	a SISO	5220	Ant2	99.9	0	0
NVNT	a SISO	5240	Ant2	99.63	0.02	0.19
NVNT	a SISO	5260	Ant2	99.9	0	0
NVNT	a SISO	5300	Ant2	99.9	0	0
NVNT	a SISO	5320	Ant2	99.9	0	0
NVNT	a SISO	5500	Ant2	99.05	0.04	0.48
NVNT	a SISO	5600	Ant2	99.05	0.04	0.48
NVNT	a SISO	5720	Ant2	99.05	0.04	0.48
NVNT	a SISO	5745	Ant2	99.53	0.02	0.24
NVNT	a SISO	5785	Ant2	99.05	0.04	0.48
NVNT	a SISO	5825	Ant2	99.05	0.04	0.48
NVNT	n20 SISO	5180	Ant1	100	0	0
NVNT	n20 SISO	5220	Ant1	99.9	0	0
NVNT	n20 SISO	5240	Ant1	99.9	0	0
NVNT	n20 SISO	5260	Ant1	99.63	0.02	0.19
NVNT	n20 SISO	5300	Ant1	100	0	0
NVNT	n20 SISO	5320	Ant1	99.63	0.02	0.19
NVNT	n20 SISO	5500	Ant1	99.9	0	0



NVNT	n20 SISO	5600	Ant1	99.9	0	0
NVNT	n20 SISO	5720	Ant1	99.9	0	0
NVNT	n20 SISO	5745	Ant1	99.63	0.02	0.19
NVNT	n20 SISO	5785	Ant1	99.63	0.02	0.19
NVNT	n20 SISO	5825	Ant1	99.63	0.02	0.19
NVNT	n20 SISO	5180	Ant2	99.9	0	0
NVNT	n20 SISO	5220	Ant2	99.63	0.02	0.19
NVNT	n20 SISO	5240	Ant2	99.9	0	0
NVNT	n20 SISO	5260	Ant2	99.9	0	0
NVNT	n20 SISO	5300	Ant2	99.63	0.02	0.19
NVNT	n20 SISO	5320	Ant2	100	0	0
NVNT	n20 SISO	5500	Ant2	99.63	0.02	0.19
NVNT	n20 SISO	5600	Ant2	99.9	0	0
NVNT	n20 SISO	5720	Ant2	99.9	0	0
NVNT	n20 SISO	5745	Ant2	99.63	0.02	0.19
NVNT	n20 SISO	5785	Ant2	99.9	0	0
NVNT	n20 SISO	5825	Ant2	99.63	0.02	0.19
NVNT	n20 MIMO	5180	Sum	99.9	0	0
NVNT	n20 MIMO	5220	Sum	99.9	0	0
NVNT	n20 MIMO	5240	Sum	100	0	0
NVNT	n20 MIMO	5260	Sum	99.9	0	0
NVNT	n20 MIMO	5300	Sum	99.9	0	0
NVNT	n20 MIMO	5320	Sum	99.9	0	0
NVNT	n20 MIMO	5500	Sum	99.9	0	0
NVNT	n20 MIMO	5600	Sum	99.9	0	0
NVNT	n20 MIMO	5720	Sum	99.9	0	0
NVNT	n20 MIMO	5745	Sum	99.63	0.02	0.19
NVNT	n20 MIMO	5785	Sum	99.9	0	0
NVNT	n20 MIMO	5825	Sum	99.63	0.02	0.19
NVNT	n40 SISO	5190	Ant1	99.63	0.02	0.19
NVNT	n40 SISO	5230	Ant1	100	0	0
NVNT	n40 SISO	5270	Ant1	99.63	0.02	0.19
NVNT	n40 SISO	5310	Ant1	100	0	0
NVNT	n40 SISO	5510	Ant1	100	0	0
NVNT	n40 SISO	5630	Ant1	99.9	0	0
NVNT	n40 SISO	5710	Ant1	99.9	0	0
NVNT	n40 SISO	5755	Ant1	100	0	0
NVNT	n40 SISO	5795	Ant1	99.63	0.02	0.19



NVNT	n40 SISO	5190	Ant2	99.9	0	0
NVNT	n40 SISO	5230	Ant2	99.9	0	0
NVNT	n40 SISO	5270	Ant2	99.63	0.02	0.19
NVNT	n40 SISO	5310	Ant2	100	0	0
NVNT	n40 SISO	5510	Ant2	99.9	0	0
NVNT	n40 SISO	5630	Ant2	99.63	0.02	0.19
NVNT	n40 SISO	5710	Ant2	99.9	0	0
NVNT	n40 SISO	5755	Ant2	100	0	0
NVNT	n40 SISO	5795	Ant2	99.63	0.02	0.19
NVNT	n40 MIMO	5190	Sum	99.9	0	0
NVNT	n40 MIMO	5230	Sum	99.9	0	0
NVNT	n40 MIMO	5270	Sum	99.9	0	0
NVNT	n40 MIMO	5310	Sum	100	0	0
NVNT	n40 MIMO	5510	Sum	100	0	0
NVNT	n40 MIMO	5630	Sum	99.63	0.02	0.19
NVNT	n40 MIMO	5710	Sum	99.9	0	0
NVNT	n40 MIMO	5755	Sum	99.9	0	0
NVNT	n40 MIMO	5795	Sum	99.63	0.02	0.19
NVNT	ac20 SISO	5180	Ant1	99.9	0	0
NVNT	ac20 SISO	5220	Ant1	99.63	0.02	0.19
NVNT	ac20 SISO	5240	Ant1	100	0	0
NVNT	ac20 SISO	5260	Ant1	99.63	0.02	0.19
NVNT	ac20 SISO	5300	Ant1	99.63	0.02	0.19
NVNT	ac20 SISO	5320	Ant1	99.63	0.02	0.19
NVNT	ac20 SISO	5500	Ant1	99.63	0.02	0.19
NVNT	ac20 SISO	5600	Ant1	99.63	0.02	0.19
NVNT	ac20 SISO	5720	Ant1	99.63	0.02	0.19
NVNT	ac20 SISO	5745	Ant1	100	0	0
NVNT	ac20 SISO	5785	Ant1	99.63	0.02	0.19
NVNT	ac20 SISO	5825	Ant1	99.63	0.02	0.19
NVNT	ac20 SISO	5180	Ant2	99.63	0.02	0.19
NVNT	ac20 SISO	5220	Ant2	99.63	0.02	0.19
NVNT	ac20 SISO	5240	Ant2	99.9	0	0
NVNT	ac20 SISO	5260	Ant2	99.9	0	0
NVNT	ac20 SISO	5300	Ant2	99.63	0.02	0.19
NVNT	ac20 SISO	5320	Ant2	100	0	0
NVNT	ac20 SISO	5500	Ant2	99.63	0.02	0.19
NVNT	ac20 SISO	5600	Ant2	99.63	0.02	0.19



NVNT	ac20 SISO	5720	Ant2	100	0	0
NVNT	ac20 SISO	5745	Ant2	99.9	0	0
NVNT	ac20 SISO	5785	Ant2	99.9	0	0
NVNT	ac20 SISO	5825	Ant2	99.63	0.02	0.19
NVNT	ac20 MIMO	5180	Sum	99.63	0.02	0.19
NVNT	ac20 MIMO	5220	Sum	99.63	0.02	0.19
NVNT	ac20 MIMO	5240	Sum	99.63	0.02	0.19
NVNT	ac20 MIMO	5260	Sum	99.63	0.02	0.19
NVNT	ac20 MIMO	5300	Sum	99.63	0.02	0.19
NVNT	ac20 MIMO	5320	Sum	99.63	0.02	0.19
NVNT	ac20 MIMO	5500	Sum	99.63	0.02	0.19
NVNT	ac20 MIMO	5600	Sum	100	0	0
NVNT	ac20 MIMO	5720	Sum	99.63	0.02	0.19
NVNT	ac20 MIMO	5745	Sum	99.63	0.02	0.19
NVNT	ac20 MIMO	5785	Sum	99.63	0.02	0.19
NVNT	ac20 MIMO	5825	Sum	99.63	0.02	0.19
NVNT	ac40 SISO	5190	Ant1	99.63	0.02	0.19
NVNT	ac40 SISO	5230	Ant1	99.63	0.02	0.19
NVNT	ac40 SISO	5270	Ant1	99.63	0.02	0.19
NVNT	ac40 SISO	5310	Ant1	99.9	0	0
NVNT	ac40 SISO	5510	Ant1	99.9	0	0
NVNT	ac40 SISO	5630	Ant1	99.9	0	0
NVNT	ac40 SISO	5710	Ant1	99.9	0	0
NVNT	ac40 SISO	5755	Ant1	99.63	0.02	0.19
NVNT	ac40 SISO	5795	Ant1	99.9	0	0
NVNT	ac40 SISO	5190	Ant2	99.9	0	0
NVNT	ac40 SISO	5230	Ant2	100	0	0
NVNT	ac40 SISO	5270	Ant2	100	0	0
NVNT	ac40 SISO	5310	Ant2	100	0	0
NVNT	ac40 SISO	5510	Ant2	99.9	0	0
NVNT	ac40 SISO	5630	Ant2	99.9	0	0
NVNT	ac40 SISO	5710	Ant2	99.9	0	0
NVNT	ac40 SISO	5755	Ant2	99.9	0	0
NVNT	ac40 SISO	5795	Ant2	99.9	0	0
NVNT	ac40 MIMO	5190	Sum	99.63	0.02	0.19
NVNT	ac40 MIMO	5230	Sum	100	0	0
NVNT	ac40 MIMO	5270	Sum	99.9	0	0
NVNT	ac40 MIMO	5310	Sum	99.9	0	0



NVNT	ac40 MIMO	5510	Sum	99.63	0.02	0.19
NVNT	ac40 MIMO	5630	Sum	100	0	0
NVNT	ac40 MIMO	5710	Sum	99.9	0	0
NVNT	ac40 MIMO	5755	Sum	99.63	0.02	0.19
NVNT	ac40 MIMO	5795	Sum	99.63	0.02	0.19
NVNT	ac80 SISO	5210	Ant1	99.9	0	0
NVNT	ac80 SISO	5290	Ant1	99.68	0.01	0.16
NVNT	ac80 SISO	5530	Ant1	99.36	0.03	0.32
NVNT	ac80 SISO	5610	Ant1	99.68	0.01	0.16
NVNT	ac80 SISO	5690	Ant1	99.68	0.01	0.16
NVNT	ac80 SISO	5775	Ant1	99.36	0.03	0.32
NVNT	ac80 SISO	5210	Ant2	99.9	0	0
NVNT	ac80 SISO	5290	Ant2	99.36	0.03	0.32
NVNT	ac80 SISO	5530	Ant2	99.36	0.03	0.32
NVNT	ac80 SISO	5610	Ant2	99.36	0.03	0.32
NVNT	ac80 SISO	5690	Ant2	99.68	0.01	0.16
NVNT	ac80 SISO	5775	Ant2	99.9	0	0
NVNT	ac80 MIMO	5210	Sum	99.68	0.01	0.16
NVNT	ac80 MIMO	5290	Sum	99.36	0.03	0.32
NVNT	ac80 MIMO	5530	Sum	99.36	0.03	0.32
NVNT	ac80 MIMO	5610	Sum	99.36	0.03	0.32
NVNT	ac80 MIMO	5690	Sum	99.9	0	0
NVNT	ac80 MIMO	5775	Sum	99.68	0.01	0.16
NVNT	ac160 SISO	5250	Ant1	99.1	0.04	0.45
NVNT	ac160 SISO	5570	Ant1	100	0	0
NVNT	ac160 SISO	5250	Ant2	99.1	0.04	0.45
NVNT	ac160 SISO	5570	Ant2	99.1	0.04	0.45
NVNT	ac160 MIMO	5250	Sum	99.1	0.04	0.45
NVNT	ac160 MIMO	5570	Sum	99.1	0.04	0.45
NVNT	ax20 SISO	5180	Ant1	99.9	0	0
NVNT	ax20 SISO	5220	Ant1	99.9	0	0
NVNT	ax20 SISO	5240	Ant1	99.9	0	0
NVNT	ax20 SISO	5260	Ant1	99.9	0	0
NVNT	ax20 SISO	5300	Ant1	99.9	0	0
NVNT	ax20 SISO	5320	Ant1	99.9	0	0
NVNT	ax20 SISO	5500	Ant1	99.63	0.02	0.19
NVNT	ax20 SISO	5600	Ant1	99.63	0.02	0.19
NVNT	ax20 SISO	5720	Ant1	99.9	0	0



NVNT	ax20 SISO	5745	Ant1	99.63	0.02	0.19
NVNT	ax20 SISO	5785	Ant1	99.63	0.02	0.19
NVNT	ax20 SISO	5825	Ant1	99.9	0	0
NVNT	ax20 SISO	5180	Ant2	99.9	0	0
NVNT	ax20 SISO	5220	Ant2	99.9	0	0
NVNT	ax20 SISO	5240	Ant2	99.63	0.02	0.19
NVNT	ax20 SISO	5260	Ant2	99.9	0	0
NVNT	ax20 SISO	5300	Ant2	99.63	0.02	0.19
NVNT	ax20 SISO	5320	Ant2	99.9	0	0
NVNT	ax20 SISO	5500	Ant2	99.9	0	0
NVNT	ax20 SISO	5600	Ant2	100	0	0
NVNT	ax20 SISO	5720	Ant2	99.63	0.02	0.19
NVNT	ax20 SISO	5745	Ant2	99.9	0	0
NVNT	ax20 SISO	5785	Ant2	99.9	0	0
NVNT	ax20 SISO	5825	Ant2	99.9	0	0
NVNT	ax20 MIMO	5180	Sum	99.63	0.02	0.19
NVNT	ax20 MIMO	5220	Sum	99.63	0.02	0.19
NVNT	ax20 MIMO	5240	Sum	99.9	0	0
NVNT	ax20 MIMO	5260	Sum	99.9	0	0
NVNT	ax20 MIMO	5300	Sum	99.63	0.02	0.19
NVNT	ax20 MIMO	5320	Sum	99.9	0	0
NVNT	ax20 MIMO	5500	Sum	99.63	0.02	0.19
NVNT	ax20 MIMO	5600	Sum	100	0	0
NVNT	ax20 MIMO	5720	Sum	99.9	0	0
NVNT	ax20 MIMO	5745	Sum	99.9	0	0
NVNT	ax20 MIMO	5785	Sum	100	0	0
NVNT	ax20 MIMO	5825	Sum	99.9	0	0
NVNT	ax40 SISO	5190	Ant1	99.59	0.02	0.21
NVNT	ax40 SISO	5230	Ant1	99.59	0.02	0.21
NVNT	ax40 SISO	5270	Ant1	99.9	0	0
NVNT	ax40 SISO	5310	Ant1	99.9	0	0
NVNT	ax40 SISO	5510	Ant1	99.9	0	0
NVNT	ax40 SISO	5630	Ant1	99.59	0.02	0.21
NVNT	ax40 SISO	5710	Ant1	99.59	0.02	0.21
NVNT	ax40 SISO	5755	Ant1	99.79	0.01	0.1
NVNT	ax40 SISO	5795	Ant1	99.9	0	0
NVNT	ax40 SISO	5190	Ant2	99.9	0	0
NVNT	ax40 SISO	5230	Ant2	99.59	0.02	0.21



NVNT	ax40 SISO	5270	Ant2	99.59	0.02	0.21
NVNT	ax40 SISO	5310	Ant2	99.9	0	0
NVNT	ax40 SISO	5510	Ant2	99.9	0	0
NVNT	ax40 SISO	5630	Ant2	99.9	0	0
NVNT	ax40 SISO	5710	Ant2	99.79	0.01	0.1
NVNT	ax40 SISO	5755	Ant2	99.9	0	0
NVNT	ax40 SISO	5795	Ant2	99.59	0.02	0.21
NVNT	ax40 MIMO	5190	Sum	99.9	0	0
NVNT	ax40 MIMO	5230	Sum	99.9	0	0
NVNT	ax40 MIMO	5270	Sum	99.9	0	0
NVNT	ax40 MIMO	5310	Sum	99.9	0	0
NVNT	ax40 MIMO	5510	Sum	99.9	0	0
NVNT	ax40 MIMO	5630	Sum	99.9	0	0
NVNT	ax40 MIMO	5710	Sum	99.59	0.02	0.21
NVNT	ax40 MIMO	5755	Sum	99.9	0	0
NVNT	ax40 MIMO	5795	Sum	99.9	0	0
NVNT	ax80 SISO	5210	Ant1	99.22	0.03	0.39
NVNT	ax80 SISO	5290	Ant1	99.9	0	0
NVNT	ax80 SISO	5530	Ant1	99.61	0.02	0.19
NVNT	ax80 SISO	5610	Ant1	99.22	0.03	0.39
NVNT	ax80 SISO	5690	Ant1	99.61	0.02	0.19
NVNT	ax80 SISO	5775	Ant1	99.61	0.02	0.19
NVNT	ax80 SISO	5210	Ant2	99.61	0.02	0.19
NVNT	ax80 SISO	5290	Ant2	99.22	0.03	0.39
NVNT	ax80 SISO	5530	Ant2	99.61	0.02	0.19
NVNT	ax80 SISO	5610	Ant2	99.61	0.02	0.19
NVNT	ax80 SISO	5690	Ant2	99.22	0.03	0.39
NVNT	ax80 SISO	5775	Ant2	99.22	0.03	0.39
NVNT	ax80 MIMO	5210	Sum	99.22	0.03	0.39
NVNT	ax80 MIMO	5290	Sum	99.22	0.03	0.39
NVNT	ax80 MIMO	5530	Sum	99.61	0.02	0.19
NVNT	ax80 MIMO	5610	Sum	99.22	0.03	0.39
NVNT	ax80 MIMO	5690	Sum	99.22	0.03	0.39
NVNT	ax80 MIMO	5775	Sum	99.61	0.02	0.19
NVNT	ax160 SISO	5250	Ant1	99.55	0.02	0.23
NVNT	ax160 SISO	5570	Ant1	99.1	0.04	0.45
NVNT	ax160 SISO	5250	Ant2	99.55	0.02	0.23
NVNT	ax160 SISO	5570	Ant2	99.55	0.02	0.23



NVNT	ax160 MIMO	5250	Sum	99.55	0.02	0.23
NVNT	ax160 MIMO	5570	Sum	99.55	0.02	0.23
NVNT	ax20 26@0	5180	Sum	99.61	0.02	0.2
NVNT	ax20 26@0	5220	Sum	99.9	0	0
NVNT	ax20 26@0	5240	Sum	99.9	0	0
NVNT	ax20 26@0	5260	Sum	99.9	0	0
NVNT	ax20 26@0	5300	Sum	99.61	0.02	0.2
NVNT	ax20 26@0	5320	Sum	99.9	0	0
NVNT	ax20 26@0	5500	Sum	99.61	0.02	0.2
NVNT	ax20 26@0	5600	Sum	99.9	0	0
NVNT	ax20 26@0	5720	Sum	99.61	0.02	0.2
NVNT	ax20 26@0	5745	Sum	99.61	0.02	0.2
NVNT	ax20 26@0	5785	Sum	99.61	0.02	0.2
NVNT	ax20 26@0	5825	Sum	99.9	0	0
NVNT	ax20 52@37	5180	Sum	99.61	0.02	0.2
NVNT	ax20 52@37	5220	Sum	99.61	0.02	0.2
NVNT	ax20 52@37	5240	Sum	99.9	0	0
NVNT	ax20 52@37	5260	Sum	99.61	0.02	0.2
NVNT	ax20 52@37	5300	Sum	99.61	0.02	0.2
NVNT	ax20 52@37	5320	Sum	99.61	0.02	0.2
NVNT	ax20 52@37	5500	Sum	99.61	0.02	0.2
NVNT	ax20 52@37	5600	Sum	99.9	0	0
NVNT	ax20 52@37	5720	Sum	100	0	0
NVNT	ax20 52@37	5745	Sum	99.9	0	0
NVNT	ax20 52@37	5785	Sum	99.9	0	0
NVNT	ax20 52@37	5825	Sum	99.9	0	0
NVNT	ax20 106@53	5180	Sum	99.62	0.02	0.19
NVNT	ax20 106@53	5220	Sum	99.25	0.03	0.38
NVNT	ax20 106@53	5240	Sum	99.25	0.03	0.38
NVNT	ax20 106@53	5260	Sum	99.62	0.02	0.19
NVNT	ax20 106@53	5300	Sum	99.62	0.02	0.19
NVNT	ax20 106@53	5320	Sum	99.25	0.03	0.38
NVNT	ax20 106@53	5500	Sum	99.25	0.03	0.38
NVNT	ax20 106@53	5600	Sum	99.25	0.03	0.38
NVNT	ax20 106@53	5720	Sum	99.62	0.02	0.19
NVNT	ax20 106@53	5745	Sum	99.25	0.03	0.38
NVNT	ax20 106@53	5785	Sum	99.62	0.02	0.19
NVNT	ax20 106@53	5825	Sum	99.62	0.02	0.19



NVNT	ax40 26@0	5190	Sum	99.9	0	0
NVNT	ax40 26@0	5230	Sum	99.9	0	0
NVNT	ax40 26@0	5270	Sum	99.61	0.02	0.2
NVNT	ax40 26@0	5310	Sum	99.61	0.02	0.2
NVNT	ax40 26@0	5510	Sum	99.9	0	0
NVNT	ax40 26@0	5630	Sum	99.9	0	0
NVNT	ax40 26@0	5710	Sum	99.9	0	0
NVNT	ax40 52@37	5190	Sum	100	0	0
NVNT	ax40 106@53	5190	Sum	99.62	0.02	0.19
NVNT	ax40 242@61	5190	Sum	98.35	0.07	0.84
NVNT	ax80 26@0	5210	Sum	99.9	0	0
NVNT	ax80 26@0	5290	Sum	99.9	0	0
NVNT	ax80 26@0	5530	Sum	99.9	0	0
NVNT	ax80 26@0	5610	Sum	99.9	0	0
NVNT	ax80 26@0	5690	Sum	99.9	0	0
NVNT	ax80 52@37	5210	Sum	99.9	0	0
NVNT	ax80 106@53	5210	Sum	99.9	0	0
NVNT	ax80 242@61	5210	Sum	98.35	0.07	0.84
NVNT	ax80 484@65	5210	Sum	96.92	0.14	1.59
NVNT	ax160 26@0	5250	Sum	99.9	0	0
NVNT	ax160 26@0	5570	Sum	99.9	0	0
NVNT	ax160 52@74	5250	Sum	99.61	0.02	0.2
NVNT	ax160 52@74	5570	Sum	99.61	0.02	0.2
NVNT	ax160 106@106	5250	Sum	99.61	0.02	0.2
NVNT	ax160 106@106	5570	Sum	100	0	0
NVNT	ax160 242@122	5250	Sum	99.59	0.02	0.21
NVNT	ax160 242@122	5570	Sum	98.35	0.07	0.84
NVNT	ax160 484@130	5250	Sum	96.92	0.14	1.59
NVNT	ax160 484@130	5570	Sum	96.92	0.14	1.59
NVNT	ax160 966@134	5250	Sum	99.61	0.02	0.2
NVNT	ax160 966@134	5570	Sum	99.69	0.01	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	Ant1	13.53	0.02254	24	Pass
NVNT	a SISO	5220	Ant1	13.4	0.02188	24	Pass
NVNT	a SISO	5240	Ant1	13.07	0.02028	24	Pass
NVNT	a SISO	5260	Ant1	13.51	0.02244	23.9	Pass
NVNT	a SISO	5300	Ant1	13.11	0.02046	23.83	Pass
NVNT	a SISO	5320	Ant1	12.88	0.01941	23.96	Pass
NVNT	a SISO	5500	Ant1	12.8	0.01905	23.89	Pass
NVNT	a SISO	5600	Ant1	12.62	0.01828	23.87	Pass
NVNT	a SISO	5720	Ant1	11.85	0.01531	23.88	Pass
NVNT	a SISO	5745	Ant1	12.12	0.01629	30	Pass
NVNT	a SISO	5785	Ant1	11.67	0.01469	30	Pass
NVNT	a SISO	5825	Ant1	11.55	0.01429	30	Pass
NVNT	a SISO	5180	Ant2	13.33	0.02153	24	Pass
NVNT	a SISO	5220	Ant2	13.24	0.02109	24	Pass
NVNT	a SISO	5240	Ant2	13.06	0.02023	24	Pass
NVNT	a SISO	5260	Ant2	12.92	0.01959	23.99	Pass
NVNT	a SISO	5300	Ant2	12.43	0.0175	23.96	Pass
NVNT	a SISO	5320	Ant2	12.59	0.01816	23.91	Pass
NVNT	a SISO	5500	Ant2	12.42	0.01746	23.96	Pass
NVNT	a SISO	5600	Ant2	12.23	0.01671	23.81	Pass
NVNT	a SISO	5720	Ant2	11.83	0.01524	23.86	Pass
NVNT	a SISO	5745	Ant2	11.86	0.01535	30	Pass
NVNT	a SISO	5785	Ant2	11.75	0.01496	30	Pass
NVNT	a SISO	5825	Ant2	11.56	0.01432	30	Pass
NVNT	n20 SISO	5180	Ant1	13.4	0.02188	24	Pass
NVNT	n20 SISO	5220	Ant1	13.23	0.02104	24	Pass
NVNT	n20 SISO	5240	Ant1	12.94	0.01968	24	Pass
NVNT	n20 SISO	5260	Ant1	13.36	0.02168	24	Pass
NVNT	n20 SISO	5300	Ant1	12.94	0.01968	24	Pass
NVNT	n20 SISO	5320	Ant1	12.74	0.01879	24	Pass
NVNT	n20 SISO	5500	Ant1	12.68	0.01854	24	Pass
NVNT	n20 SISO	5600	Ant1	12.47	0.01766	24	Pass
NVNT	n20 SISO	5720	Ant1	11.69	0.01476	24	Pass



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NVNT	n20 SISO	5745	Ant1	12	0.01585	30	Pass
NVNT	n20 SISO	5785	Ant1	11.53	0.01422	30	Pass
NVNT	n20 SISO	5825	Ant1	11.4	0.0138	30	Pass
NVNT	n20 SISO	5180	Ant2	13.22	0.02099	24	Pass
NVNT	n20 SISO	5220	Ant2	13.1	0.02042	24	Pass
NVNT	n20 SISO	5240	Ant2	12.98	0.01986	24	Pass
NVNT	n20 SISO	5260	Ant2	12.79	0.01901	24	Pass
NVNT	n20 SISO	5300	Ant2	12.32	0.01706	24	Pass
NVNT	n20 SISO	5320	Ant2	12.49	0.01774	24	Pass
NVNT	n20 SISO	5500	Ant2	12.31	0.01702	24	Pass
NVNT	n20 SISO	5600	Ant2	12.09	0.01618	24	Pass
NVNT	n20 SISO	5720	Ant2	11.71	0.01483	24	Pass
NVNT	n20 SISO	5745	Ant2	11.74	0.01493	30	Pass
NVNT	n20 SISO	5785	Ant2	11.66	0.01466	30	Pass
NVNT	n20 SISO	5825	Ant2	11.42	0.01387	30	Pass
NVNT	n20 MIMO	5180	Ant1	13.3	0.02138	24	Pass
NVNT	n20 MIMO	5180	Ant2	13.13	0.02056	24	Pass
NVNT	n20 MIMO	5180	Sum	16.23	0.04194	24	Pass
NVNT	n20 MIMO	5220	Ant1	13.18	0.0208	24	Pass
NVNT	n20 MIMO	5220	Ant2	13.05	0.02018	24	Pass
NVNT	n20 MIMO	5220	Sum	16.13	0.04098	24	Pass
NVNT	n20 MIMO	5240	Ant1	12.85	0.01928	24	Pass
NVNT	n20 MIMO	5240	Ant2	12.82	0.01914	24	Pass
NVNT	n20 MIMO	5240	Sum	15.85	0.03842	24	Pass
NVNT	n20 MIMO	5260	Ant1	13.24	0.02109	24	Pass
NVNT	n20 MIMO	5260	Ant2	12.69	0.01858	24	Pass
NVNT	n20 MIMO	5260	Sum	15.98	0.03966	24	Pass
NVNT	n20 MIMO	5300	Ant1	12.91	0.01954	24	Pass
NVNT	n20 MIMO	5300	Ant2	12.23	0.01671	24	Pass
NVNT	n20 MIMO	5300	Sum	15.59	0.03625	24	Pass
NVNT	n20 MIMO	5320	Ant1	12.65	0.01841	24	Pass
NVNT	n20 MIMO	5320	Ant2	12.39	0.01734	24	Pass
NVNT	n20 MIMO	5320	Sum	15.53	0.03575	24	Pass
NVNT	n20 MIMO	5500	Ant1	12.65	0.01841	24	Pass
NVNT	n20 MIMO	5500	Ant2	12.21	0.01663	24	Pass
NVNT	n20 MIMO	5500	Sum	15.45	0.03504	24	Pass
NVNT	n20 MIMO	5600	Ant1	12.45	0.01758	24	Pass
NVNT	n20 MIMO	5600	Ant2	11.97	0.01574	24	Pass



NVNT	n20 MIMO	5600	Sum	15.23	0.03332	24	Pass
NVNT	n20 MIMO	5720	Ant1	11.72	0.01486	24	Pass
NVNT	n20 MIMO	5720	Ant2	11.6	0.01445	24	Pass
NVNT	n20 MIMO	5720	Sum	14.67	0.02931	24	Pass
NVNT	n20 MIMO	5745	Ant1	12	0.01585	30	Pass
NVNT	n20 MIMO	5745	Ant2	11.65	0.01462	30	Pass
NVNT	n20 MIMO	5745	Sum	14.84	0.03047	30	Pass
NVNT	n20 MIMO	5785	Ant1	11.62	0.01452	30	Pass
NVNT	n20 MIMO	5785	Ant2	11.54	0.01426	30	Pass
NVNT	n20 MIMO	5785	Sum	14.59	0.02878	30	Pass
NVNT	n20 MIMO	5825	Ant1	11.47	0.01403	30	Pass
NVNT	n20 MIMO	5825	Ant2	11.28	0.01343	30	Pass
NVNT	n20 MIMO	5825	Sum	14.39	0.02746	30	Pass
NVNT	n40 SISO	5190	Ant1	13.45	0.02213	24	Pass
NVNT	n40 SISO	5230	Ant1	13.17	0.02075	24	Pass
NVNT	n40 SISO	5270	Ant1	13.21	0.02094	24	Pass
NVNT	n40 SISO	5310	Ant1	13.13	0.02056	24	Pass
NVNT	n40 SISO	5510	Ant1	12.75	0.01884	24	Pass
NVNT	n40 SISO	5630	Ant1	12.52	0.01786	24	Pass
NVNT	n40 SISO	5710	Ant1	11.95	0.01567	24	Pass
NVNT	n40 SISO	5755	Ant1	12.19	0.01656	30	Pass
NVNT	n40 SISO	5795	Ant1	11.74	0.01493	30	Pass
NVNT	n40 SISO	5190	Ant2	13.25	0.02113	24	Pass
NVNT	n40 SISO	5230	Ant2	13.21	0.02094	24	Pass
NVNT	n40 SISO	5270	Ant2	13.03	0.02009	24	Pass
NVNT	n40 SISO	5310	Ant2	12.63	0.01832	24	Pass
NVNT	n40 SISO	5510	Ant2	12.3	0.01698	24	Pass
NVNT	n40 SISO	5630	Ant2	12.22	0.01667	24	Pass
NVNT	n40 SISO	5710	Ant2	11.93	0.0156	24	Pass
NVNT	n40 SISO	5755	Ant2	12	0.01585	30	Pass
NVNT	n40 SISO	5795	Ant2	11.93	0.0156	30	Pass
NVNT	n40 MIMO	5190	Ant1	13.3	0.02138	24	Pass
NVNT	n40 MIMO	5190	Ant2	13.12	0.02051	24	Pass
NVNT	n40 MIMO	5190	Sum	16.22	0.04189	24	Pass
NVNT	n40 MIMO	5230	Ant1	13.06	0.02023	24	Pass
NVNT	n40 MIMO	5230	Ant2	13.04	0.02014	24	Pass
NVNT	n40 MIMO	5230	Sum	16.06	0.04037	24	Pass
NVNT	n40 MIMO	5270	Ant1	13.08	0.02032	24	Pass



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NVNT	n40 MIMO	5270	Ant2	12.91	0.01954	24	Pass
NVNT	n40 MIMO	5270	Sum	16.01	0.03987	24	Pass
NVNT	n40 MIMO	5310	Ant1	12.98	0.01986	24	Pass
NVNT	n40 MIMO	5310	Ant2	12.46	0.01762	24	Pass
NVNT	n40 MIMO	5310	Sum	15.74	0.03748	24	Pass
NVNT	n40 MIMO	5510	Ant1	12.67	0.01849	24	Pass
NVNT	n40 MIMO	5510	Ant2	12.15	0.01641	24	Pass
NVNT	n40 MIMO	5510	Sum	15.43	0.0349	24	Pass
NVNT	n40 MIMO	5630	Ant1	12.42	0.01746	24	Pass
NVNT	n40 MIMO	5630	Ant2	12.06	0.01607	24	Pass
NVNT	n40 MIMO	5630	Sum	15.25	0.03353	24	Pass
NVNT	n40 MIMO	5710	Ant1	11.83	0.01524	24	Pass
NVNT	n40 MIMO	5710	Ant2	11.81	0.01517	24	Pass
NVNT	n40 MIMO	5710	Sum	14.83	0.03041	24	Pass
NVNT	n40 MIMO	5755	Ant1	12.19	0.01656	30	Pass
NVNT	n40 MIMO	5755	Ant2	11.88	0.01542	30	Pass
NVNT	n40 MIMO	5755	Sum	15.05	0.03197	30	Pass
NVNT	n40 MIMO	5795	Ant1	11.7	0.01479	30	Pass
NVNT	n40 MIMO	5795	Ant2	11.85	0.01531	30	Pass
NVNT	n40 MIMO	5795	Sum	14.79	0.0301	30	Pass
NVNT	ac20 SISO	5180	Ant1	10.88	0.01225	24	Pass
NVNT	ac20 SISO	5220	Ant1	10.39	0.01094	24	Pass
NVNT	ac20 SISO	5240	Ant1	10.06	0.01014	24	Pass
NVNT	ac20 SISO	5260	Ant1	10.64	0.01159	24	Pass
NVNT	ac20 SISO	5300	Ant1	9.87	0.00971	24	Pass
NVNT	ac20 SISO	5320	Ant1	9.93	0.00984	24	Pass
NVNT	ac20 SISO	5500	Ant1	9.77	0.00948	24	Pass
NVNT	ac20 SISO	5600	Ant1	9.71	0.00935	24	Pass
NVNT	ac20 SISO	5720	Ant1	9.01	0.00796	24	Pass
NVNT	ac20 SISO	5745	Ant1	9.31	0.00853	30	Pass
NVNT	ac20 SISO	5785	Ant1	8.81	0.0076	30	Pass
NVNT	ac20 SISO	5825	Ant1	8.62	0.00728	30	Pass
NVNT	ac20 SISO	5180	Ant2	10.52	0.01127	24	Pass
NVNT	ac20 SISO	5220	Ant2	10.45	0.01109	24	Pass
NVNT	ac20 SISO	5240	Ant2	10	0.01	24	Pass
NVNT	ac20 SISO	5260	Ant2	10.09	0.01021	24	Pass
NVNT	ac20 SISO	5300	Ant2	9.43	0.00877	24	Pass
NVNT	ac20 SISO	5320	Ant2	9.79	0.00953	24	Pass



NVNT	ac20 SISO	5500	Ant2	9.48	0.00887	24	Pass
NVNT	ac20 SISO	5600	Ant2	9.41	0.00873	24	Pass
NVNT	ac20 SISO	5720	Ant2	8.65	0.00733	24	Pass
NVNT	ac20 SISO	5745	Ant2	8.66	0.00735	30	Pass
NVNT	ac20 SISO	5785	Ant2	8.55	0.00716	30	Pass
NVNT	ac20 SISO	5825	Ant2	8.41	0.00693	30	Pass
NVNT	ac20 MIMO	5180	Ant1	10.72	0.0118	24	Pass
NVNT	ac20 MIMO	5180	Ant2	10.35	0.01084	24	Pass
NVNT	ac20 MIMO	5180	Sum	13.55	0.02264	24	Pass
NVNT	ac20 MIMO	5220	Ant1	10.27	0.01064	24	Pass
NVNT	ac20 MIMO	5220	Ant2	10.36	0.01086	24	Pass
NVNT	ac20 MIMO	5220	Sum	13.33	0.02151	24	Pass
NVNT	ac20 MIMO	5240	Ant1	9.92	0.00982	24	Pass
NVNT	ac20 MIMO	5240	Ant2	9.94	0.00986	24	Pass
NVNT	ac20 MIMO	5240	Sum	12.94	0.01968	24	Pass
NVNT	ac20 MIMO	5260	Ant1	10.38	0.01091	24	Pass
NVNT	ac20 MIMO	5260	Ant2	9.96	0.00991	24	Pass
NVNT	ac20 MIMO	5260	Sum	13.18	0.02082	24	Pass
NVNT	ac20 MIMO	5300	Ant1	9.72	0.00938	24	Pass
NVNT	ac20 MIMO	5300	Ant2	9.32	0.00855	24	Pass
NVNT	ac20 MIMO	5300	Sum	12.54	0.01793	24	Pass
NVNT	ac20 MIMO	5320	Ant1	9.83	0.00962	24	Pass
NVNT	ac20 MIMO	5320	Ant2	9.67	0.00927	24	Pass
NVNT	ac20 MIMO	5320	Sum	12.76	0.01888	24	Pass
NVNT	ac20 MIMO	5500	Ant1	9.77	0.00948	24	Pass
NVNT	ac20 MIMO	5500	Ant2	9.38	0.00867	24	Pass
NVNT	ac20 MIMO	5500	Sum	12.59	0.01815	24	Pass
NVNT	ac20 MIMO	5600	Ant1	9.65	0.00923	24	Pass
NVNT	ac20 MIMO	5600	Ant2	9.28	0.00847	24	Pass
NVNT	ac20 MIMO	5600	Sum	12.48	0.0177	24	Pass
NVNT	ac20 MIMO	5720	Ant1	8.97	0.00789	24	Pass
NVNT	ac20 MIMO	5720	Ant2	8.56	0.00718	24	Pass
NVNT	ac20 MIMO	5720	Sum	11.78	0.01507	24	Pass
NVNT	ac20 MIMO	5745	Ant1	9.29	0.00849	30	Pass
NVNT	ac20 MIMO	5745	Ant2	8.58	0.00721	30	Pass
NVNT	ac20 MIMO	5745	Sum	11.96	0.0157	30	Pass
NVNT	ac20 MIMO	5785	Ant1	8.84	0.00766	30	Pass
NVNT	ac20 MIMO	5785	Ant2	8.37	0.00687	30	Pass



NVNT	ac20 MIMO	5785	Sum	11.62	0.01453	30	Pass
NVNT	ac20 MIMO	5825	Ant1	8.68	0.00738	30	Pass
NVNT	ac20 MIMO	5825	Ant2	8.28	0.00673	30	Pass
NVNT	ac20 MIMO	5825	Sum	11.5	0.01411	30	Pass
NVNT	ac40 SISO	5190	Ant1	10.68	0.01169	24	Pass
NVNT	ac40 SISO	5230	Ant1	10.33	0.01079	24	Pass
NVNT	ac40 SISO	5270	Ant1	10.69	0.01172	24	Pass
NVNT	ac40 SISO	5310	Ant1	10.46	0.01112	24	Pass
NVNT	ac40 SISO	5510	Ant1	9.88	0.00973	24	Pass
NVNT	ac40 SISO	5630	Ant1	9.75	0.00944	24	Pass
NVNT	ac40 SISO	5710	Ant1	9.21	0.00834	24	Pass
NVNT	ac40 SISO	5755	Ant1	9.54	0.00899	30	Pass
NVNT	ac40 SISO	5795	Ant1	8.97	0.00789	30	Pass
NVNT	ac40 SISO	5190	Ant2	10.55	0.01135	24	Pass
NVNT	ac40 SISO	5230	Ant2	10.44	0.01107	24	Pass
NVNT	ac40 SISO	5270	Ant2	10.46	0.01112	24	Pass
NVNT	ac40 SISO	5310	Ant2	10.05	0.01012	24	Pass
NVNT	ac40 SISO	5510	Ant2	9.37	0.00865	24	Pass
NVNT	ac40 SISO	5630	Ant2	9.29	0.00849	24	Pass
NVNT	ac40 SISO	5710	Ant2	8.85	0.00767	24	Pass
NVNT	ac40 SISO	5755	Ant2	8.97	0.00789	30	Pass
NVNT	ac40 SISO	5795	Ant2	8.86	0.00769	30	Pass
NVNT	ac40 MIMO	5190	Ant1	10.61	0.01151	24	Pass
NVNT	ac40 MIMO	5190	Ant2	10.45	0.01109	24	Pass
NVNT	ac40 MIMO	5190	Sum	13.54	0.0226	24	Pass
NVNT	ac40 MIMO	5230	Ant1	10.17	0.0104	24	Pass
NVNT	ac40 MIMO	5230	Ant2	10.24	0.01057	24	Pass
NVNT	ac40 MIMO	5230	Sum	13.22	0.02097	24	Pass
NVNT	ac40 MIMO	5270	Ant1	10.4	0.01096	24	Pass
NVNT	ac40 MIMO	5270	Ant2	10.18	0.01042	24	Pass
NVNT	ac40 MIMO	5270	Sum	13.3	0.02139	24	Pass
NVNT	ac40 MIMO	5310	Ant1	10.21	0.0105	24	Pass
NVNT	ac40 MIMO	5310	Ant2	9.77	0.00948	24	Pass
NVNT	ac40 MIMO	5310	Sum	13.01	0.01998	24	Pass
NVNT	ac40 MIMO	5510	Ant1	9.72	0.00938	24	Pass
NVNT	ac40 MIMO	5510	Ant2	9.25	0.00841	24	Pass
NVNT	ac40 MIMO	5510	Sum	12.5	0.01779	24	Pass
NVNT	ac40 MIMO	5630	Ant1	9.62	0.00916	24	Pass



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NVNT	ac40 MIMO	5630	Ant2	9.08	0.00809	24	Pass
NVNT	ac40 MIMO	5630	Sum	12.37	0.01725	24	Pass
NVNT	ac40 MIMO	5710	Ant1	9.12	0.00817	24	Pass
NVNT	ac40 MIMO	5710	Ant2	8.73	0.00746	24	Pass
NVNT	ac40 MIMO	5710	Sum	11.94	0.01563	24	Pass
NVNT	ac40 MIMO	5755	Ant1	9.47	0.00885	30	Pass
NVNT	ac40 MIMO	5755	Ant2	8.8	0.00759	30	Pass
NVNT	ac40 MIMO	5755	Sum	12.16	0.01644	30	Pass
NVNT	ac40 MIMO	5795	Ant1	8.97	0.00789	30	Pass
NVNT	ac40 MIMO	5795	Ant2	8.65	0.00733	30	Pass
NVNT	ac40 MIMO	5795	Sum	11.82	0.01522	30	Pass
NVNT	ac80 SISO	5210	Ant1	10.44	0.01107	24	Pass
NVNT	ac80 SISO	5290	Ant1	9.99	0.00998	24	Pass
NVNT	ac80 SISO	5530	Ant1	9.74	0.00942	24	Pass
NVNT	ac80 SISO	5610	Ant1	9.6	0.00912	24	Pass
NVNT	ac80 SISO	5690	Ant1	9.37	0.00865	24	Pass
NVNT	ac80 SISO	5775	Ant1	9.09	0.00811	30	Pass
NVNT	ac80 SISO	5210	Ant2	10.73	0.01183	24	Pass
NVNT	ac80 SISO	5290	Ant2	9.95	0.00989	24	Pass
NVNT	ac80 SISO	5530	Ant2	9.32	0.00855	24	Pass
NVNT	ac80 SISO	5610	Ant2	9.37	0.00865	24	Pass
NVNT	ac80 SISO	5690	Ant2	9.07	0.00807	24	Pass
NVNT	ac80 SISO	5775	Ant2	8.76	0.00752	30	Pass
NVNT	ac80 MIMO	5210	Ant1	10.21	0.0105	24	Pass
NVNT	ac80 MIMO	5210	Ant2	10.63	0.01156	24	Pass
NVNT	ac80 MIMO	5210	Sum	13.44	0.02206	24	Pass
NVNT	ac80 MIMO	5290	Ant1	9.69	0.00931	24	Pass
NVNT	ac80 MIMO	5290	Ant2	9.51	0.00893	24	Pass
NVNT	ac80 MIMO	5290	Sum	12.61	0.01824	24	Pass
NVNT	ac80 MIMO	5530	Ant1	9.59	0.0091	24	Pass
NVNT	ac80 MIMO	5530	Ant2	9.16	0.00824	24	Pass
NVNT	ac80 MIMO	5530	Sum	12.39	0.01734	24	Pass
NVNT	ac80 MIMO	5610	Ant1	9.42	0.00875	24	Pass
NVNT	ac80 MIMO	5610	Ant2	9.16	0.00824	24	Pass
NVNT	ac80 MIMO	5610	Sum	12.3	0.01699	24	Pass
NVNT	ac80 MIMO	5690	Ant1	9.23	0.00838	24	Pass
NVNT	ac80 MIMO	5690	Ant2	8.84	0.00766	24	Pass
NVNT	ac80 MIMO	5690	Sum	12.05	0.01603	24	Pass



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NVNT	ac80 MIMO	5775	Ant1	8.99	0.00793	30	Pass
NVNT	ac80 MIMO	5775	Ant2	8.53	0.00713	30	Pass
NVNT	ac80 MIMO	5775	Sum	11.78	0.01505	30	Pass
NVNT	ac160 SISO	5250	Ant1	10.69	0.01172	24	Pass
NVNT	ac160 SISO	5570	Ant1	9.93	0.00984	24	Pass
NVNT	ac160 SISO	5250	Ant2	10.32	0.01076	24	Pass
NVNT	ac160 SISO	5570	Ant2	9.53	0.00897	24	Pass
NVNT	ac160 MIMO	5250	Ant1	10.45	0.01109	24	Pass
NVNT	ac160 MIMO	5250	Ant2	10.09	0.01021	24	Pass
NVNT	ac160 MIMO	5250	Sum	13.28	0.0213	24	Pass
NVNT	ac160 MIMO	5570	Ant1	9.84	0.00964	24	Pass
NVNT	ac160 MIMO	5570	Ant2	9.4	0.00871	24	Pass
NVNT	ac160 MIMO	5570	Sum	12.64	0.01835	24	Pass
NVNT	ax20 SISO	5180	Ant1	10.73	0.01183	24	Pass
NVNT	ax20 SISO	5220	Ant1	10.56	0.01138	24	Pass
NVNT	ax20 SISO	5240	Ant1	10.19	0.01045	24	Pass
NVNT	ax20 SISO	5260	Ant1	10.54	0.01132	24	Pass
NVNT	ax20 SISO	5300	Ant1	9.95	0.00989	24	Pass
NVNT	ax20 SISO	5320	Ant1	10.05	0.01012	24	Pass
NVNT	ax20 SISO	5500	Ant1	9.93	0.00984	24	Pass
NVNT	ax20 SISO	5600	Ant1	9.8	0.00955	24	Pass
NVNT	ax20 SISO	5720	Ant1	9.04	0.00802	24	Pass
NVNT	ax20 SISO	5745	Ant1	9.37	0.00865	30	Pass
NVNT	ax20 SISO	5785	Ant1	8.85	0.00767	30	Pass
NVNT	ax20 SISO	5825	Ant1	8.69	0.0074	30	Pass
NVNT	ax20 SISO	5180	Ant2	10.43	0.01104	24	Pass
NVNT	ax20 SISO	5220	Ant2	10.36	0.01086	24	Pass
NVNT	ax20 SISO	5240	Ant2	10.05	0.01012	24	Pass
NVNT	ax20 SISO	5260	Ant2	10.05	0.01012	24	Pass
NVNT	ax20 SISO	5300	Ant2	9.53	0.00897	24	Pass
NVNT	ax20 SISO	5320	Ant2	9.82	0.00959	24	Pass
NVNT	ax20 SISO	5500	Ant2	9.55	0.00902	24	Pass
NVNT	ax20 SISO	5600	Ant2	9.58	0.00908	24	Pass
NVNT	ax20 SISO	5720	Ant2	8.7	0.00741	24	Pass
NVNT	ax20 SISO	5745	Ant2	8.73	0.00746	30	Pass
NVNT	ax20 SISO	5785	Ant2	8.58	0.00721	30	Pass
NVNT	ax20 SISO	5825	Ant2	8.53	0.00713	30	Pass
NVNT	ax20 MIMO	5180	Ant1	10.57	0.0114	24	Pass



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NVNT	ax20 MIMO	5180	Ant2	10.39	0.01094	24	Pass
NVNT	ax20 MIMO	5180	Sum	13.49	0.02234	24	Pass
NVNT	ax20 MIMO	5220	Ant1	10.45	0.01109	24	Pass
NVNT	ax20 MIMO	5220	Ant2	10.33	0.01079	24	Pass
NVNT	ax20 MIMO	5220	Sum	13.4	0.02188	24	Pass
NVNT	ax20 MIMO	5240	Ant1	10.07	0.01016	24	Pass
NVNT	ax20 MIMO	5240	Ant2	10.06	0.01014	24	Pass
NVNT	ax20 MIMO	5240	Sum	13.07	0.0203	24	Pass
NVNT	ax20 MIMO	5260	Ant1	10.43	0.01104	24	Pass
NVNT	ax20 MIMO	5260	Ant2	10.01	0.01002	24	Pass
NVNT	ax20 MIMO	5260	Sum	13.23	0.02106	24	Pass
NVNT	ax20 MIMO	5300	Ant1	9.82	0.00959	24	Pass
NVNT	ax20 MIMO	5300	Ant2	9.48	0.00887	24	Pass
NVNT	ax20 MIMO	5300	Sum	12.66	0.01847	24	Pass
NVNT	ax20 MIMO	5320	Ant1	9.94	0.00986	24	Pass
NVNT	ax20 MIMO	5320	Ant2	9.82	0.00959	24	Pass
NVNT	ax20 MIMO	5320	Sum	12.89	0.01946	24	Pass
NVNT	ax20 MIMO	5500	Ant1	9.82	0.00959	24	Pass
NVNT	ax20 MIMO	5500	Ant2	9.46	0.00883	24	Pass
NVNT	ax20 MIMO	5500	Sum	12.65	0.01842	24	Pass
NVNT	ax20 MIMO	5600	Ant1	9.79	0.00953	24	Pass
NVNT	ax20 MIMO	5600	Ant2	9.43	0.00877	24	Pass
NVNT	ax20 MIMO	5600	Sum	12.62	0.0183	24	Pass
NVNT	ax20 MIMO	5720	Ant1	9.05	0.00804	24	Pass
NVNT	ax20 MIMO	5720	Ant2	8.6	0.00724	24	Pass
NVNT	ax20 MIMO	5720	Sum	11.84	0.01528	24	Pass
NVNT	ax20 MIMO	5745	Ant1	9.41	0.00873	30	Pass
NVNT	ax20 MIMO	5745	Ant2	8.6	0.00724	30	Pass
NVNT	ax20 MIMO	5745	Sum	12.03	0.01597	30	Pass
NVNT	ax20 MIMO	5785	Ant1	8.9	0.00776	30	Pass
NVNT	ax20 MIMO	5785	Ant2	8.48	0.00705	30	Pass
NVNT	ax20 MIMO	5785	Sum	11.71	0.01481	30	Pass
NVNT	ax20 MIMO	5825	Ant1	8.73	0.00746	30	Pass
NVNT	ax20 MIMO	5825	Ant2	8.31	0.00678	30	Pass
NVNT	ax20 MIMO	5825	Sum	11.54	0.01424	30	Pass
NVNT	ax40 SISO	5190	Ant1	10.45	0.01109	24	Pass
NVNT	ax40 SISO	5230	Ant1	10.2	0.01047	24	Pass
NVNT	ax40 SISO	5270	Ant1	10.23	0.01054	24	Pass



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NVNT	ax40 SISO	5310	Ant1	10.3	0.01072	24	Pass
NVNT	ax40 SISO	5510	Ant1	9.71	0.00935	24	Pass
NVNT	ax40 SISO	5630	Ant1	9.62	0.00916	24	Pass
NVNT	ax40 SISO	5710	Ant1	9.1	0.00813	24	Pass
NVNT	ax40 SISO	5755	Ant1	9.42	0.00875	30	Pass
NVNT	ax40 SISO	5795	Ant1	8.85	0.00767	30	Pass
NVNT	ax40 SISO	5190	Ant2	10.41	0.01099	24	Pass
NVNT	ax40 SISO	5230	Ant2	10.25	0.01059	24	Pass
NVNT	ax40 SISO	5270	Ant2	10.17	0.0104	24	Pass
NVNT	ax40 SISO	5310	Ant2	9.81	0.00957	24	Pass
NVNT	ax40 SISO	5510	Ant2	9.22	0.00836	24	Pass
NVNT	ax40 SISO	5630	Ant2	9.14	0.0082	24	Pass
NVNT	ax40 SISO	5710	Ant2	8.72	0.00745	24	Pass
NVNT	ax40 SISO	5755	Ant2	8.84	0.00766	30	Pass
NVNT	ax40 SISO	5795	Ant2	8.69	0.0074	30	Pass
NVNT	ax40 MIMO	5190	Ant1	10.22	0.01052	24	Pass
NVNT	ax40 MIMO	5190	Ant2	10.3	0.01072	24	Pass
NVNT	ax40 MIMO	5190	Sum	13.27	0.02123	24	Pass
NVNT	ax40 MIMO	5230	Ant1	10.06	0.01014	24	Pass
NVNT	ax40 MIMO	5230	Ant2	10.06	0.01014	24	Pass
NVNT	ax40 MIMO	5230	Sum	13.07	0.02028	24	Pass
NVNT	ax40 MIMO	5270	Ant1	10.15	0.01035	24	Pass
NVNT	ax40 MIMO	5270	Ant2	10.05	0.01012	24	Pass
NVNT	ax40 MIMO	5270	Sum	13.11	0.02047	24	Pass
NVNT	ax40 MIMO	5310	Ant1	10.08	0.01019	24	Pass
NVNT	ax40 MIMO	5310	Ant2	9.61	0.00914	24	Pass
NVNT	ax40 MIMO	5310	Sum	12.86	0.01933	24	Pass
NVNT	ax40 MIMO	5510	Ant1	9.58	0.00908	24	Pass
NVNT	ax40 MIMO	5510	Ant2	9.14	0.0082	24	Pass
NVNT	ax40 MIMO	5510	Sum	12.38	0.01728	24	Pass
NVNT	ax40 MIMO	5630	Ant1	9.51	0.00893	24	Pass
NVNT	ax40 MIMO	5630	Ant2	8.96	0.00787	24	Pass
NVNT	ax40 MIMO	5630	Sum	12.25	0.0168	24	Pass
NVNT	ax40 MIMO	5710	Ant1	9.01	0.00796	24	Pass
NVNT	ax40 MIMO	5710	Ant2	8.66	0.00735	24	Pass
NVNT	ax40 MIMO	5710	Sum	11.85	0.01531	24	Pass
NVNT	ax40 MIMO	5755	Ant1	9.4	0.00871	30	Pass
NVNT	ax40 MIMO	5755	Ant2	8.7	0.00741	30	Pass



NVNT	ax40 MIMO	5755	Sum	12.07	0.01612	30	Pass
NVNT	ax40 MIMO	5795	Ant1	8.84	0.00766	30	Pass
NVNT	ax40 MIMO	5795	Ant2	8.58	0.00721	30	Pass
NVNT	ax40 MIMO	5795	Sum	11.72	0.01487	30	Pass
NVNT	ax80 SISO	5210	Ant1	10.62	0.01153	24	Pass
NVNT	ax80 SISO	5290	Ant1	10.14	0.01033	24	Pass
NVNT	ax80 SISO	5530	Ant1	9.8	0.00955	24	Pass
NVNT	ax80 SISO	5610	Ant1	9.68	0.00929	24	Pass
NVNT	ax80 SISO	5690	Ant1	9.44	0.00879	24	Pass
NVNT	ax80 SISO	5775	Ant1	9.16	0.00824	30	Pass
NVNT	ax80 SISO	5210	Ant2	10.73	0.01183	24	Pass
NVNT	ax80 SISO	5290	Ant2	10.14	0.01033	24	Pass
NVNT	ax80 SISO	5530	Ant2	9.39	0.00869	24	Pass
NVNT	ax80 SISO	5610	Ant2	9.5	0.00891	24	Pass
NVNT	ax80 SISO	5690	Ant2	9.14	0.0082	24	Pass
NVNT	ax80 SISO	5775	Ant2	8.82	0.00762	30	Pass
NVNT	ax80 MIMO	5210	Ant1	10.31	0.01074	24	Pass
NVNT	ax80 MIMO	5210	Ant2	10.65	0.01161	24	Pass
NVNT	ax80 MIMO	5210	Sum	13.49	0.02235	24	Pass
NVNT	ax80 MIMO	5290	Ant1	9.79	0.00953	24	Pass
NVNT	ax80 MIMO	5290	Ant2	9.68	0.00929	24	Pass
NVNT	ax80 MIMO	5290	Sum	12.75	0.01882	24	Pass
NVNT	ax80 MIMO	5530	Ant1	9.65	0.00923	24	Pass
NVNT	ax80 MIMO	5530	Ant2	9.23	0.00838	24	Pass
NVNT	ax80 MIMO	5530	Sum	12.46	0.0176	24	Pass
NVNT	ax80 MIMO	5610	Ant1	9.51	0.00893	24	Pass
NVNT	ax80 MIMO	5610	Ant2	9.25	0.00841	24	Pass
NVNT	ax80 MIMO	5610	Sum	12.39	0.01735	24	Pass
NVNT	ax80 MIMO	5690	Ant1	9.35	0.00861	24	Pass
NVNT	ax80 MIMO	5690	Ant2	8.95	0.00785	24	Pass
NVNT	ax80 MIMO	5690	Sum	12.16	0.01646	24	Pass
NVNT	ax80 MIMO	5775	Ant1	9.03	0.008	30	Pass
NVNT	ax80 MIMO	5775	Ant2	8.6	0.00724	30	Pass
NVNT	ax80 MIMO	5775	Sum	11.83	0.01524	30	Pass
NVNT	ax160 SISO	5250	Ant1	10.63	0.01156	24	Pass
NVNT	ax160 SISO	5570	Ant1	10.02	0.01005	24	Pass
NVNT	ax160 SISO	5250	Ant2	10.33	0.01079	24	Pass
NVNT	ax160 SISO	5570	Ant2	9.58	0.00908	24	Pass



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NVNT	ax160 MIMO	5250	Ant1	10.49	0.01119	24	Pass
NVNT	ax160 MIMO	5250	Ant2	10.14	0.01033	24	Pass
NVNT	ax160 MIMO	5250	Sum	13.33	0.02152	24	Pass
NVNT	ax160 MIMO	5570	Ant1	9.84	0.00964	24	Pass
NVNT	ax160 MIMO	5570	Ant2	9.37	0.00865	24	Pass
NVNT	ax160 MIMO	5570	Sum	12.62	0.01829	24	Pass
NVNT	ax20 26@0	5180	Ant1	11.02	0.01265	24	Pass
NVNT	ax20 26@0	5180	Ant2	10.99	0.01256	24	Pass
NVNT	ax20 26@0	5180	Sum	14.02	0.02521	24	Pass
NVNT	ax20 26@0	5220	Ant1	11.12	0.01294	24	Pass
NVNT	ax20 26@0	5220	Ant2	11.02	0.01265	24	Pass
NVNT	ax20 26@0	5220	Sum	14.08	0.02559	24	Pass
NVNT	ax20 26@0	5240	Ant1	10.71	0.01178	24	Pass
NVNT	ax20 26@0	5240	Ant2	10.7	0.01175	24	Pass
NVNT	ax20 26@0	5240	Sum	13.72	0.02353	24	Pass
NVNT	ax20 26@0	5260	Ant1	10.92	0.01236	24	Pass
NVNT	ax20 26@0	5260	Ant2	10.66	0.01164	24	Pass
NVNT	ax20 26@0	5260	Sum	13.8	0.024	24	Pass
NVNT	ax20 26@0	5300	Ant1	10.6	0.01148	24	Pass
NVNT	ax20 26@0	5300	Ant2	10.34	0.01081	24	Pass
NVNT	ax20 26@0	5300	Sum	13.48	0.0223	24	Pass
NVNT	ax20 26@0	5320	Ant1	10.56	0.01138	24	Pass
NVNT	ax20 26@0	5320	Ant2	10.38	0.01091	24	Pass
NVNT	ax20 26@0	5320	Sum	13.48	0.02229	24	Pass
NVNT	ax20 26@0	5500	Ant1	10.54	0.01132	24	Pass
NVNT	ax20 26@0	5500	Ant2	10.7	0.01175	24	Pass
NVNT	ax20 26@0	5500	Sum	13.63	0.02307	24	Pass
NVNT	ax20 26@0	5600	Ant1	10.26	0.01062	24	Pass
NVNT	ax20 26@0	5600	Ant2	10.24	0.01057	24	Pass
NVNT	ax20 26@0	5600	Sum	13.26	0.02119	24	Pass
NVNT	ax20 26@0	5720	Ant1	9.7	0.00933	24	Pass
NVNT	ax20 26@0	5720	Ant2	9.78	0.00951	24	Pass
NVNT	ax20 26@0	5720	Sum	12.75	0.01884	24	Pass
NVNT	ax20 26@0	5745	Ant1	10.08	0.01019	30	Pass
NVNT	ax20 26@0	5745	Ant2	9.75	0.00944	30	Pass
NVNT	ax20 26@0	5745	Sum	12.93	0.01963	30	Pass
NVNT	ax20 26@0	5785	Ant1	9.59	0.0091	30	Pass
NVNT	ax20 26@0	5785	Ant2	9.63	0.00918	30	Pass



NVNT	ax20 26@0	5785	Sum	12.62	0.01828	30	Pass
NVNT	ax20 26@0	5825	Ant1	9.49	0.00889	30	Pass
NVNT	ax20 26@0	5825	Ant2	9.66	0.00925	30	Pass
NVNT	ax20 26@0	5825	Sum	12.59	0.01814	30	Pass
NVNT	ax20 52@37	5180	Ant1	10.85	0.01216	24	Pass
NVNT	ax20 52@37	5180	Ant2	10.88	0.01225	24	Pass
NVNT	ax20 52@37	5180	Sum	13.88	0.02441	24	Pass
NVNT	ax20 52@37	5220	Ant1	10.9	0.0123	24	Pass
NVNT	ax20 52@37	5220	Ant2	10.67	0.01167	24	Pass
NVNT	ax20 52@37	5220	Sum	13.8	0.02397	24	Pass
NVNT	ax20 52@37	5240	Ant1	10.58	0.01143	24	Pass
NVNT	ax20 52@37	5240	Ant2	10.46	0.01112	24	Pass
NVNT	ax20 52@37	5240	Sum	13.53	0.02255	24	Pass
NVNT	ax20 52@37	5260	Ant1	10.77	0.01194	24	Pass
NVNT	ax20 52@37	5260	Ant2	10.39	0.01094	24	Pass
NVNT	ax20 52@37	5260	Sum	13.59	0.02288	24	Pass
NVNT	ax20 52@37	5300	Ant1	10.4	0.01096	24	Pass
NVNT	ax20 52@37	5300	Ant2	9.93	0.00984	24	Pass
NVNT	ax20 52@37	5300	Sum	13.18	0.0208	24	Pass
NVNT	ax20 52@37	5320	Ant1	10.45	0.01109	24	Pass
NVNT	ax20 52@37	5320	Ant2	10.22	0.01052	24	Pass
NVNT	ax20 52@37	5320	Sum	13.35	0.02161	24	Pass
NVNT	ax20 52@37	5500	Ant1	10.27	0.01064	24	Pass
NVNT	ax20 52@37	5500	Ant2	10.09	0.01021	24	Pass
NVNT	ax20 52@37	5500	Sum	13.19	0.02085	24	Pass
NVNT	ax20 52@37	5600	Ant1	10.2	0.01047	24	Pass
NVNT	ax20 52@37	5600	Ant2	10.08	0.01019	24	Pass
NVNT	ax20 52@37	5600	Sum	13.15	0.02066	24	Pass
NVNT	ax20 52@37	5720	Ant1	9.55	0.00902	24	Pass
NVNT	ax20 52@37	5720	Ant2	9.45	0.00881	24	Pass
NVNT	ax20 52@37	5720	Sum	12.51	0.01783	24	Pass
NVNT	ax20 52@37	5745	Ant1	9.94	0.00986	30	Pass
NVNT	ax20 52@37	5745	Ant2	9.5	0.00891	30	Pass
NVNT	ax20 52@37	5745	Sum	12.74	0.01878	30	Pass
NVNT	ax20 52@37	5785	Ant1	9.44	0.00879	30	Pass
NVNT	ax20 52@37	5785	Ant2	9.24	0.00839	30	Pass
NVNT	ax20 52@37	5785	Sum	12.35	0.01718	30	Pass
NVNT	ax20 52@37	5825	Ant1	9.27	0.00845	30	Pass



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NVNT	ax20 52@37	5825	Ant2	9.31	0.00853	30	Pass
NVNT	ax20 52@37	5825	Sum	12.3	0.01698	30	Pass
NVNT	ax20 106@53	5180	Ant1	10.79	0.01199	24	Pass
NVNT	ax20 106@53	5180	Ant2	10.82	0.01208	24	Pass
NVNT	ax20 106@53	5180	Sum	13.81	0.02407	24	Pass
NVNT	ax20 106@53	5220	Ant1	10.78	0.01197	24	Pass
NVNT	ax20 106@53	5220	Ant2	10.71	0.01178	24	Pass
NVNT	ax20 106@53	5220	Sum	13.75	0.02374	24	Pass
NVNT	ax20 106@53	5240	Ant1	10.44	0.01107	24	Pass
NVNT	ax20 106@53	5240	Ant2	10.5	0.01122	24	Pass
NVNT	ax20 106@53	5240	Sum	13.48	0.02229	24	Pass
NVNT	ax20 106@53	5260	Ant1	10.69	0.01172	24	Pass
NVNT	ax20 106@53	5260	Ant2	10.41	0.01099	24	Pass
NVNT	ax20 106@53	5260	Sum	13.56	0.02271	24	Pass
NVNT	ax20 106@53	5300	Ant1	10.26	0.01062	24	Pass
NVNT	ax20 106@53	5300	Ant2	9.97	0.00993	24	Pass
NVNT	ax20 106@53	5300	Sum	13.13	0.02055	24	Pass
NVNT	ax20 106@53	5320	Ant1	10.34	0.01081	24	Pass
NVNT	ax20 106@53	5320	Ant2	10.19	0.01045	24	Pass
NVNT	ax20 106@53	5320	Sum	13.28	0.02126	24	Pass
NVNT	ax20 106@53	5500	Ant1	10.29	0.01069	24	Pass
NVNT	ax20 106@53	5500	Ant2	10.09	0.01021	24	Pass
NVNT	ax20 106@53	5500	Sum	13.2	0.0209	24	Pass
NVNT	ax20 106@53	5600	Ant1	10.23	0.01054	24	Pass
NVNT	ax20 106@53	5600	Ant2	10.09	0.01021	24	Pass
NVNT	ax20 106@53	5600	Sum	13.17	0.02075	24	Pass
NVNT	ax20 106@53	5720	Ant1	9.53	0.00897	24	Pass
NVNT	ax20 106@53	5720	Ant2	9.26	0.00843	24	Pass
NVNT	ax20 106@53	5720	Sum	12.41	0.01741	24	Pass
NVNT	ax20 106@53	5745	Ant1	9.94	0.00986	30	Pass
NVNT	ax20 106@53	5745	Ant2	9.26	0.00843	30	Pass
NVNT	ax20 106@53	5745	Sum	12.62	0.0183	30	Pass
NVNT	ax20 106@53	5785	Ant1	9.39	0.00869	30	Pass
NVNT	ax20 106@53	5785	Ant2	9.05	0.00804	30	Pass
NVNT	ax20 106@53	5785	Sum	12.23	0.01672	30	Pass
NVNT	ax20 106@53	5825	Ant1	9.17	0.00826	30	Pass
NVNT	ax20 106@53	5825	Ant2	8.99	0.00793	30	Pass
NVNT	ax20 106@53	5825	Sum	12.09	0.01619	30	Pass



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NVNT	ax40 26@0	5190	Ant1	10.77	0.01194	24	Pass
NVNT	ax40 26@0	5190	Ant2	10.97	0.0125	24	Pass
NVNT	ax40 26@0	5190	Sum	13.88	0.02444	24	Pass
NVNT	ax40 26@0	5230	Ant1	10.75	0.01189	24	Pass
NVNT	ax40 26@0	5230	Ant2	10.68	0.01169	24	Pass
NVNT	ax40 26@0	5230	Sum	13.73	0.02358	24	Pass
NVNT	ax40 26@0	5270	Ant1	10.61	0.01151	24	Pass
NVNT	ax40 26@0	5270	Ant2	10.81	0.01205	24	Pass
NVNT	ax40 26@0	5270	Sum	13.72	0.02356	24	Pass
NVNT	ax40 26@0	5310	Ant1	10.9	0.0123	24	Pass
NVNT	ax40 26@0	5310	Ant2	10.6	0.01148	24	Pass
NVNT	ax40 26@0	5310	Sum	13.76	0.02378	24	Pass
NVNT	ax40 26@0	5510	Ant1	10.35	0.01084	24	Pass
NVNT	ax40 26@0	5510	Ant2	10.08	0.01019	24	Pass
NVNT	ax40 26@0	5510	Sum	13.23	0.02103	24	Pass
NVNT	ax40 26@0	5630	Ant1	10.35	0.01084	24	Pass
NVNT	ax40 26@0	5630	Ant2	10.14	0.01033	24	Pass
NVNT	ax40 26@0	5630	Sum	13.26	0.02117	24	Pass
NVNT	ax40 26@0	5710	Ant1	9.91	0.00979	24	Pass
NVNT	ax40 26@0	5710	Ant2	10.05	0.01012	24	Pass
NVNT	ax40 26@0	5710	Sum	12.99	0.01991	24	Pass
NVNT	ax40 26@0	5755	Ant1	10.36	0.01086	30	Pass
NVNT	ax40 26@0	5755	Ant2	10.17	0.0104	30	Pass
NVNT	ax40 26@0	5755	Sum	13.28	0.02126	30	Pass
NVNT	ax40 26@0	5795	Ant1	9.73	0.0094	30	Pass
NVNT	ax40 26@0	5795	Ant2	9.89	0.00975	30	Pass
NVNT	ax40 26@0	5795	Sum	12.82	0.01915	30	Pass
NVNT	ax40 52@37	5190	Ant1	10.77	0.01194	24	Pass
NVNT	ax40 52@37	5190	Ant2	10.91	0.01233	24	Pass
NVNT	ax40 52@37	5190	Sum	13.85	0.02427	24	Pass
NVNT	ax40 52@37	5230	Ant1	10.85	0.01216	24	Pass
NVNT	ax40 52@37	5230	Ant2	10.72	0.0118	24	Pass
NVNT	ax40 52@37	5230	Sum	13.8	0.02397	24	Pass
NVNT	ax40 52@37	5270	Ant1	10.61	0.01151	24	Pass
NVNT	ax40 52@37	5270	Ant2	10.64	0.01159	24	Pass
NVNT	ax40 52@37	5270	Sum	13.64	0.0231	24	Pass
NVNT	ax40 52@37	5310	Ant1	10.85	0.01216	24	Pass
NVNT	ax40 52@37	5310	Ant2	10.34	0.01081	24	Pass



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NVNT	ax40 52@37	5310	Sum	13.61	0.02298	24	Pass
NVNT	ax40 52@37	5510	Ant1	10.44	0.01107	24	Pass
NVNT	ax40 52@37	5510	Ant2	10.11	0.01026	24	Pass
NVNT	ax40 52@37	5510	Sum	13.29	0.02132	24	Pass
NVNT	ax40 52@37	5630	Ant1	10.38	0.01091	24	Pass
NVNT	ax40 52@37	5630	Ant2	10.08	0.01019	24	Pass
NVNT	ax40 52@37	5630	Sum	13.24	0.0211	24	Pass
NVNT	ax40 52@37	5710	Ant1	9.96	0.00991	24	Pass
NVNT	ax40 52@37	5710	Ant2	9.76	0.00946	24	Pass
NVNT	ax40 52@37	5710	Sum	12.87	0.01937	24	Pass
NVNT	ax40 52@37	5755	Ant1	10.37	0.01089	30	Pass
NVNT	ax40 52@37	5755	Ant2	9.89	0.00975	30	Pass
NVNT	ax40 52@37	5755	Sum	13.15	0.02064	30	Pass
NVNT	ax40 52@37	5795	Ant1	9.77	0.00948	30	Pass
NVNT	ax40 52@37	5795	Ant2	9.74	0.00942	30	Pass
NVNT	ax40 52@37	5795	Sum	12.76	0.0189	30	Pass
NVNT	ax40 106@53	5190	Ant1	10.66	0.01164	24	Pass
NVNT	ax40 106@53	5190	Ant2	10.91	0.01233	24	Pass
NVNT	ax40 106@53	5190	Sum	13.8	0.02397	24	Pass
NVNT	ax40 106@53	5230	Ant1	10.64	0.01159	24	Pass
NVNT	ax40 106@53	5230	Ant2	10.71	0.01178	24	Pass
NVNT	ax40 106@53	5230	Sum	13.68	0.02336	24	Pass
NVNT	ax40 106@53	5270	Ant1	10.5	0.01122	24	Pass
NVNT	ax40 106@53	5270	Ant2	10.65	0.01161	24	Pass
NVNT	ax40 106@53	5270	Sum	13.59	0.02283	24	Pass
NVNT	ax40 106@53	5310	Ant1	10.76	0.01191	24	Pass
NVNT	ax40 106@53	5310	Ant2	10.29	0.01069	24	Pass
NVNT	ax40 106@53	5310	Sum	13.54	0.0226	24	Pass
NVNT	ax40 106@53	5510	Ant1	10.42	0.01102	24	Pass
NVNT	ax40 106@53	5510	Ant2	10.05	0.01012	24	Pass
NVNT	ax40 106@53	5510	Sum	13.25	0.02113	24	Pass
NVNT	ax40 106@53	5630	Ant1	10.42	0.01102	24	Pass
NVNT	ax40 106@53	5630	Ant2	9.97	0.00993	24	Pass
NVNT	ax40 106@53	5630	Sum	13.21	0.02095	24	Pass
NVNT	ax40 106@53	5710	Ant1	9.92	0.00982	24	Pass
NVNT	ax40 106@53	5710	Ant2	9.54	0.00899	24	Pass
NVNT	ax40 106@53	5710	Sum	12.74	0.01881	24	Pass
NVNT	ax40 106@53	5755	Ant1	10.38	0.01091	30	Pass



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NVNT	ax40 106@53	5755	Ant2	9.61	0.00914	30	Pass
NVNT	ax40 106@53	5755	Sum	13.02	0.02006	30	Pass
NVNT	ax40 106@53	5795	Ant1	9.72	0.00938	30	Pass
NVNT	ax40 106@53	5795	Ant2	9.45	0.00881	30	Pass
NVNT	ax40 106@53	5795	Sum	12.6	0.01819	30	Pass
NVNT	ax40 242@61	5190	Ant1	10.56	0.01138	24	Pass
NVNT	ax40 242@61	5190	Ant2	10.74	0.01186	24	Pass
NVNT	ax40 242@61	5190	Sum	13.66	0.02323	24	Pass
NVNT	ax40 242@61	5230	Ant1	10.46	0.01112	24	Pass
NVNT	ax40 242@61	5230	Ant2	10.53	0.0113	24	Pass
NVNT	ax40 242@61	5230	Sum	13.51	0.02242	24	Pass
NVNT	ax40 242@61	5270	Ant1	10.36	0.01086	24	Pass
NVNT	ax40 242@61	5270	Ant2	10.45	0.01109	24	Pass
NVNT	ax40 242@61	5270	Sum	13.42	0.02196	24	Pass
NVNT	ax40 242@61	5310	Ant1	10.57	0.0114	24	Pass
NVNT	ax40 242@61	5310	Ant2	10.12	0.01028	24	Pass
NVNT	ax40 242@61	5310	Sum	13.36	0.02168	24	Pass
NVNT	ax40 242@61	5510	Ant1	10.19	0.01045	24	Pass
NVNT	ax40 242@61	5510	Ant2	9.7	0.00933	24	Pass
NVNT	ax40 242@61	5510	Sum	12.96	0.01978	24	Pass
NVNT	ax40 242@61	5630	Ant1	10.12	0.01028	24	Pass
NVNT	ax40 242@61	5630	Ant2	9.65	0.00923	24	Pass
NVNT	ax40 242@61	5630	Sum	12.9	0.01951	24	Pass
NVNT	ax40 242@61	5710	Ant1	9.57	0.00906	24	Pass
NVNT	ax40 242@61	5710	Ant2	9.19	0.0083	24	Pass
NVNT	ax40 242@61	5710	Sum	12.4	0.01736	24	Pass
NVNT	ax40 242@61	5755	Ant1	10.01	0.01002	30	Pass
NVNT	ax40 242@61	5755	Ant2	9.24	0.00839	30	Pass
NVNT	ax40 242@61	5755	Sum	12.65	0.01842	30	Pass
NVNT	ax40 242@61	5795	Ant1	9.36	0.00863	30	Pass
NVNT	ax40 242@61	5795	Ant2	9.14	0.0082	30	Pass
NVNT	ax40 242@61	5795	Sum	12.26	0.01683	30	Pass
NVNT	ax80 26@0	5210	Ant1	9.96	0.00991	24	Pass
NVNT	ax80 26@0	5210	Ant2	10.22	0.01052	24	Pass
NVNT	ax80 26@0	5210	Sum	13.1	0.02043	24	Pass
NVNT	ax80 26@0	5290	Ant1	9.56	0.00904	24	Pass
NVNT	ax80 26@0	5290	Ant2	9.46	0.00883	24	Pass
NVNT	ax80 26@0	5290	Sum	12.52	0.01787	24	Pass



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NVNT	ax80 26@0	5530	Ant1	9.94	0.00986	24	Pass
NVNT	ax80 26@0	5530	Ant2	9.22	0.00836	24	Pass
NVNT	ax80 26@0	5530	Sum	12.61	0.01822	24	Pass
NVNT	ax80 26@0	5610	Ant1	9.39	0.00869	24	Pass
NVNT	ax80 26@0	5610	Ant2	9.41	0.00873	24	Pass
NVNT	ax80 26@0	5610	Sum	12.41	0.01742	24	Pass
NVNT	ax80 26@0	5690	Ant1	9.35	0.00861	24	Pass
NVNT	ax80 26@0	5690	Ant2	9.21	0.00834	24	Pass
NVNT	ax80 26@0	5690	Sum	12.29	0.01695	24	Pass
NVNT	ax80 26@0	5775	Ant1	9.37	0.00865	30	Pass
NVNT	ax80 26@0	5775	Ant2	9.06	0.00805	30	Pass
NVNT	ax80 26@0	5775	Sum	12.23	0.0167	30	Pass
NVNT	ax80 52@37	5210	Ant1	11.06	0.01276	24	Pass
NVNT	ax80 52@37	5210	Ant2	11.25	0.01334	24	Pass
NVNT	ax80 52@37	5210	Sum	14.17	0.0261	24	Pass
NVNT	ax80 52@37	5290	Ant1	10.58	0.01143	24	Pass
NVNT	ax80 52@37	5290	Ant2	10.52	0.01127	24	Pass
NVNT	ax80 52@37	5290	Sum	13.56	0.0227	24	Pass
NVNT	ax80 52@37	5530	Ant1	10.91	0.01233	24	Pass
NVNT	ax80 52@37	5530	Ant2	10.23	0.01054	24	Pass
NVNT	ax80 52@37	5530	Sum	13.59	0.02287	24	Pass
NVNT	ax80 52@37	5610	Ant1	10.44	0.01107	24	Pass
NVNT	ax80 52@37	5610	Ant2	10.46	0.01112	24	Pass
NVNT	ax80 52@37	5610	Sum	13.46	0.02218	24	Pass
NVNT	ax80 52@37	5690	Ant1	10.39	0.01094	24	Pass
NVNT	ax80 52@37	5690	Ant2	10.17	0.0104	24	Pass
NVNT	ax80 52@37	5690	Sum	13.29	0.02134	24	Pass
NVNT	ax80 52@37	5775	Ant1	10.41	0.01099	30	Pass
NVNT	ax80 52@37	5775	Ant2	9.85	0.00966	30	Pass
NVNT	ax80 52@37	5775	Sum	13.15	0.02065	30	Pass
NVNT	ax80 106@53	5210	Ant1	10.86	0.01219	24	Pass
NVNT	ax80 106@53	5210	Ant2	11.12	0.01294	24	Pass
NVNT	ax80 106@53	5210	Sum	14	0.02513	24	Pass
NVNT	ax80 106@53	5290	Ant1	10.48	0.01117	24	Pass
NVNT	ax80 106@53	5290	Ant2	10.39	0.01094	24	Pass
NVNT	ax80 106@53	5290	Sum	13.45	0.02211	24	Pass
NVNT	ax80 106@53	5530	Ant1	10.85	0.01216	24	Pass
NVNT	ax80 106@53	5530	Ant2	10.15	0.01035	24	Pass



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NVNT	ax80 106@53	5530	Sum	13.52	0.02251	24	Pass
NVNT	ax80 106@53	5610	Ant1	10.5	0.01122	24	Pass
NVNT	ax80 106@53	5610	Ant2	10.47	0.01114	24	Pass
NVNT	ax80 106@53	5610	Sum	13.49	0.02236	24	Pass
NVNT	ax80 106@53	5690	Ant1	10.43	0.01104	24	Pass
NVNT	ax80 106@53	5690	Ant2	10.06	0.01014	24	Pass
NVNT	ax80 106@53	5690	Sum	13.26	0.02118	24	Pass
NVNT	ax80 106@53	5775	Ant1	10.36	0.01086	30	Pass
NVNT	ax80 106@53	5775	Ant2	9.66	0.00925	30	Pass
NVNT	ax80 106@53	5775	Sum	13.03	0.02011	30	Pass
NVNT	ax80 242@61	5210	Ant1	10.82	0.01208	24	Pass
NVNT	ax80 242@61	5210	Ant2	11	0.01259	24	Pass
NVNT	ax80 242@61	5210	Sum	13.92	0.02467	24	Pass
NVNT	ax80 242@61	5290	Ant1	10.42	0.01102	24	Pass
NVNT	ax80 242@61	5290	Ant2	10.33	0.01079	24	Pass
NVNT	ax80 242@61	5290	Sum	13.38	0.0218	24	Pass
NVNT	ax80 242@61	5530	Ant1	10.77	0.01194	24	Pass
NVNT	ax80 242@61	5530	Ant2	10.03	0.01007	24	Pass
NVNT	ax80 242@61	5530	Sum	13.43	0.02201	24	Pass
NVNT	ax80 242@61	5610	Ant1	10.47	0.01114	24	Pass
NVNT	ax80 242@61	5610	Ant2	10.28	0.01067	24	Pass
NVNT	ax80 242@61	5610	Sum	13.39	0.02181	24	Pass
NVNT	ax80 242@61	5690	Ant1	10.29	0.01069	24	Pass
NVNT	ax80 242@61	5690	Ant2	9.77	0.00948	24	Pass
NVNT	ax80 242@61	5690	Sum	13.05	0.02017	24	Pass
NVNT	ax80 242@61	5775	Ant1	10.24	0.01057	30	Pass
NVNT	ax80 242@61	5775	Ant2	9.38	0.00867	30	Pass
NVNT	ax80 242@61	5775	Sum	12.84	0.01924	30	Pass
NVNT	ax80 484@65	5210	Ant1	10.8	0.01202	24	Pass
NVNT	ax80 484@65	5210	Ant2	11.14	0.013	24	Pass
NVNT	ax80 484@65	5210	Sum	13.98	0.02502	24	Pass
NVNT	ax80 484@65	5290	Ant1	10.46	0.01112	24	Pass
NVNT	ax80 484@65	5290	Ant2	10.48	0.01117	24	Pass
NVNT	ax80 484@65	5290	Sum	13.48	0.02229	24	Pass
NVNT	ax80 484@65	5530	Ant1	11.15	0.01303	24	Pass
NVNT	ax80 484@65	5530	Ant2	10.31	0.01074	24	Pass
NVNT	ax80 484@65	5530	Sum	13.76	0.02377	24	Pass
NVNT	ax80 484@65	5610	Ant1	10.76	0.01191	24	Pass



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NVNT	ax80 484@65	5610	Ant2	10.68	0.01169	24	Pass
NVNT	ax80 484@65	5610	Sum	13.73	0.02361	24	Pass
NVNT	ax80 484@65	5690	Ant1	10.76	0.01191	24	Pass
NVNT	ax80 484@65	5690	Ant2	10.13	0.0103	24	Pass
NVNT	ax80 484@65	5690	Sum	13.47	0.02222	24	Pass
NVNT	ax80 484@65	5775	Ant1	9.83	0.00962	30	Pass
NVNT	ax80 484@65	5775	Ant2	9.11	0.00815	30	Pass
NVNT	ax80 484@65	5775	Sum	12.49	0.01776	30	Pass
NVNT	ax160 26@0	5250	Ant1	7.09	0.00512	24	Pass
NVNT	ax160 26@0	5250	Ant2	8.14	0.00652	24	Pass
NVNT	ax160 26@0	5250	Sum	10.66	0.01163	24	Pass
NVNT	ax160 26@0	5570	Ant1	7.71	0.0059	24	Pass
NVNT	ax160 26@0	5570	Ant2	7.79	0.00601	24	Pass
NVNT	ax160 26@0	5570	Sum	10.76	0.01191	24	Pass
NVNT	ax160 52@74	5250	Ant1	10.65	0.01161	24	Pass
NVNT	ax160 52@74	5250	Ant2	10.89	0.01227	24	Pass
NVNT	ax160 52@74	5250	Sum	13.78	0.02389	24	Pass
NVNT	ax160 52@74	5570	Ant1	10.67	0.01167	24	Pass
NVNT	ax160 52@74	5570	Ant2	10.7	0.01175	24	Pass
NVNT	ax160 52@74	5570	Sum	13.7	0.02342	24	Pass
NVNT	ax160 106@106	5250	Ant1	10.68	0.01169	24	Pass
NVNT	ax160 106@106	5250	Ant2	10.86	0.01219	24	Pass
NVNT	ax160 106@106	5250	Sum	13.78	0.02388	24	Pass
NVNT	ax160 106@106	5570	Ant1	10.84	0.01213	24	Pass
NVNT	ax160 106@106	5570	Ant2	10.6	0.01148	24	Pass
NVNT	ax160 106@106	5570	Sum	13.73	0.02362	24	Pass
NVNT	ax160 242@122	5250	Ant1	10.75	0.01189	24	Pass
NVNT	ax160 242@122	5250	Ant2	10.79	0.01199	24	Pass
NVNT	ax160 242@122	5250	Sum	13.78	0.02388	24	Pass
NVNT	ax160 242@122	5570	Ant1	10.91	0.01233	24	Pass
NVNT	ax160 242@122	5570	Ant2	10.65	0.01161	24	Pass
NVNT	ax160 242@122	5570	Sum	13.79	0.02395	24	Pass
NVNT	ax160 484@130	5250	Ant1	10.73	0.01183	24	Pass
NVNT	ax160 484@130	5250	Ant2	10.61	0.01151	24	Pass
NVNT	ax160 484@130	5250	Sum	13.68	0.02334	24	Pass
NVNT	ax160 484@130	5570	Ant1	10.84	0.01213	24	Pass
NVNT	ax160 484@130	5570	Ant2	10.41	0.01099	24	Pass
NVNT	ax160 484@130	5570	Sum	13.64	0.02312	24	Pass



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NVNT	ax160 966@134	5250	Ant1	10.7	0.01175	24	Pass
NVNT	ax160 966@134	5250	Ant2	10.42	0.01102	24	Pass
NVNT	ax160 966@134	5250	Sum	13.57	0.02276	24	Pass
NVNT	ax160 966@134	5570	Ant1	10.72	0.0118	24	Pass
NVNT	ax160 966@134	5570	Ant2	10.13	0.0103	24	Pass
NVNT	ax160 966@134	5570	Sum	13.45	0.02211	24	Pass

**A.3. Emission Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a SISO	5180	Ant1	19.741	Pass
NVNT	a SISO	5220	Ant1	19.47	Pass
NVNT	a SISO	5240	Ant1	19.713	Pass
NVNT	a SISO	5260	Ant1	19.486	Pass
NVNT	a SISO	5300	Ant1	19.196	Pass
NVNT	a SISO	5320	Ant1	19.764	Pass
NVNT	a SISO	5500	Ant1	19.472	Pass
NVNT	a SISO	5600	Ant1	19.363	Pass
NVNT	a SISO	5720	Ant1	19.402	Pass
NVNT	a SISO	5180	Ant2	19.332	Pass
NVNT	a SISO	5220	Ant2	19.691	Pass
NVNT	a SISO	5240	Ant2	19.234	Pass
NVNT	a SISO	5260	Ant2	19.917	Pass
NVNT	a SISO	5300	Ant2	19.775	Pass
NVNT	a SISO	5320	Ant2	19.559	Pass
NVNT	a SISO	5500	Ant2	19.755	Pass
NVNT	a SISO	5600	Ant2	19.1	Pass
NVNT	a SISO	5720	Ant2	19.341	Pass
NVNT	n20 SISO	5180	Ant1	20.591	Pass
NVNT	n20 SISO	5220	Ant1	20.416	Pass
NVNT	n20 SISO	5240	Ant1	20.584	Pass
NVNT	n20 SISO	5260	Ant1	20.505	Pass
NVNT	n20 SISO	5300	Ant1	20.168	Pass
NVNT	n20 SISO	5320	Ant1	20.37	Pass
NVNT	n20 SISO	5500	Ant1	20.641	Pass
NVNT	n20 SISO	5600	Ant1	20.598	Pass
NVNT	n20 SISO	5720	Ant1	20.288	Pass
NVNT	n20 SISO	5180	Ant2	20.513	Pass
NVNT	n20 SISO	5220	Ant2	20.372	Pass
NVNT	n20 SISO	5240	Ant2	20.741	Pass
NVNT	n20 SISO	5260	Ant2	20.38	Pass
NVNT	n20 SISO	5300	Ant2	20.356	Pass
NVNT	n20 SISO	5320	Ant2	20.484	Pass
NVNT	n20 SISO	5500	Ant2	20.597	Pass
NVNT	n20 SISO	5600	Ant2	20.521	Pass



NVNT	n20 SISO	5720	Ant2	20.198	Pass
NVNT	n20 MIMO	5180	Ant1	20.397	Pass
NVNT	n20 MIMO	5180	Ant2	20.542	Pass
NVNT	n20 MIMO	5220	Ant1	20.787	Pass
NVNT	n20 MIMO	5220	Ant2	20.493	Pass
NVNT	n20 MIMO	5240	Ant1	20.446	Pass
NVNT	n20 MIMO	5240	Ant2	20.168	Pass
NVNT	n20 MIMO	5260	Ant1	20.571	Pass
NVNT	n20 MIMO	5260	Ant2	20.38	Pass
NVNT	n20 MIMO	5300	Ant1	20.341	Pass
NVNT	n20 MIMO	5300	Ant2	20.185	Pass
NVNT	n20 MIMO	5320	Ant1	20.375	Pass
NVNT	n20 MIMO	5320	Ant2	20.517	Pass
NVNT	n20 MIMO	5500	Ant1	20.616	Pass
NVNT	n20 MIMO	5500	Ant2	20.402	Pass
NVNT	n20 MIMO	5600	Ant1	20.309	Pass
NVNT	n20 MIMO	5600	Ant2	20.211	Pass
NVNT	n20 MIMO	5720	Ant1	20.801	Pass
NVNT	n20 MIMO	5720	Ant2	20.619	Pass
NVNT	n40 SISO	5190	Ant1	40.009	Pass
NVNT	n40 SISO	5230	Ant1	40.061	Pass
NVNT	n40 SISO	5270	Ant1	39.975	Pass
NVNT	n40 SISO	5310	Ant1	40.296	Pass
NVNT	n40 SISO	5510	Ant1	40.382	Pass
NVNT	n40 SISO	5630	Ant1	40.177	Pass
NVNT	n40 SISO	5710	Ant1	40.58	Pass
NVNT	n40 SISO	5190	Ant2	40.147	Pass
NVNT	n40 SISO	5230	Ant2	40.075	Pass
NVNT	n40 SISO	5270	Ant2	39.697	Pass
NVNT	n40 SISO	5310	Ant2	40.303	Pass
NVNT	n40 SISO	5510	Ant2	39.863	Pass
NVNT	n40 SISO	5630	Ant2	39.581	Pass
NVNT	n40 SISO	5710	Ant2	40.062	Pass
NVNT	ac20 SISO	5180	Ant1	20.633	Pass
NVNT	ac20 SISO	5220	Ant1	20.61	Pass
NVNT	ac20 SISO	5240	Ant1	20.419	Pass
NVNT	ac20 SISO	5260	Ant1	20.366	Pass
NVNT	ac20 SISO	5300	Ant1	20.263	Pass



NVNT	ac20 SISO	5320	Ant1	20.632	Pass
NVNT	ac20 SISO	5500	Ant1	20.481	Pass
NVNT	ac20 SISO	5600	Ant1	20.198	Pass
NVNT	ac20 SISO	5720	Ant1	20.674	Pass
NVNT	ac20 SISO	5180	Ant2	20.468	Pass
NVNT	ac20 SISO	5220	Ant2	20.516	Pass
NVNT	ac20 SISO	5240	Ant2	20.509	Pass
NVNT	ac20 SISO	5260	Ant2	20.32	Pass
NVNT	ac20 SISO	5300	Ant2	20.498	Pass
NVNT	ac20 SISO	5320	Ant2	20.7	Pass
NVNT	ac20 SISO	5500	Ant2	20.377	Pass
NVNT	ac20 SISO	5600	Ant2	20.622	Pass
NVNT	ac20 SISO	5720	Ant2	20.505	Pass
NVNT	ac20 MIMO	5180	Ant1	20.473	Pass
NVNT	ac20 MIMO	5180	Ant2	20.674	Pass
NVNT	ac20 MIMO	5220	Ant1	20.497	Pass
NVNT	ac20 MIMO	5220	Ant2	20.095	Pass
NVNT	ac20 MIMO	5240	Ant1	20.496	Pass
NVNT	ac20 MIMO	5240	Ant2	20.475	Pass
NVNT	ac20 MIMO	5260	Ant1	20.449	Pass
NVNT	ac20 MIMO	5260	Ant2	20.526	Pass
NVNT	ac20 MIMO	5300	Ant1	20.355	Pass
NVNT	ac20 MIMO	5300	Ant2	20.19	Pass
NVNT	ac20 MIMO	5320	Ant1	20.399	Pass
NVNT	ac20 MIMO	5320	Ant2	20.411	Pass
NVNT	ac20 MIMO	5500	Ant1	20.645	Pass
NVNT	ac20 MIMO	5500	Ant2	20.213	Pass
NVNT	ac20 MIMO	5600	Ant1	20.615	Pass
NVNT	ac20 MIMO	5600	Ant2	20.132	Pass
NVNT	ac20 MIMO	5720	Ant1	20.562	Pass
NVNT	ac20 MIMO	5720	Ant2	20.434	Pass
NVNT	ac40 SISO	5190	Ant1	39.975	Pass
NVNT	ac40 SISO	5230	Ant1	39.89	Pass
NVNT	ac40 SISO	5270	Ant1	39.923	Pass
NVNT	ac40 SISO	5310	Ant1	40.076	Pass
NVNT	ac40 SISO	5510	Ant1	39.814	Pass
NVNT	ac40 SISO	5630	Ant1	40.181	Pass
NVNT	ac40 SISO	5710	Ant1	39.948	Pass



NVNT	ac40 SISO	5190	Ant2	40.478	Pass
NVNT	ac40 SISO	5230	Ant2	40.283	Pass
NVNT	ac40 SISO	5270	Ant2	39.964	Pass
NVNT	ac40 SISO	5310	Ant2	40.07	Pass
NVNT	ac40 SISO	5510	Ant2	39.744	Pass
NVNT	ac40 SISO	5630	Ant2	40.226	Pass
NVNT	ac40 SISO	5710	Ant2	40.227	Pass
NVNT	ac80 SISO	5210	Ant1	84.245	Pass
NVNT	ac80 SISO	5290	Ant1	83.393	Pass
NVNT	ac80 SISO	5530	Ant1	83.647	Pass
NVNT	ac80 SISO	5610	Ant1	82.739	Pass
NVNT	ac80 SISO	5690	Ant1	83.157	Pass
NVNT	ac80 SISO	5210	Ant2	83.315	Pass
NVNT	ac80 SISO	5290	Ant2	82.95	Pass
NVNT	ac80 SISO	5530	Ant2	83.208	Pass
NVNT	ac80 SISO	5610	Ant2	83.421	Pass
NVNT	ac80 SISO	5690	Ant2	83.298	Pass
NVNT	ac160 SISO	5250	Ant1	168.963	Pass
NVNT	ac160 SISO	5570	Ant1	167.7	Pass
NVNT	ac160 SISO	5250	Ant2	168.56	Pass
NVNT	ac160 SISO	5570	Ant2	167.61	Pass
NVNT	ax20 SISO	5180	Ant1	21.194	Pass
NVNT	ax20 SISO	5220	Ant1	20.995	Pass
NVNT	ax20 SISO	5240	Ant1	20.942	Pass
NVNT	ax20 SISO	5260	Ant1	21.028	Pass
NVNT	ax20 SISO	5300	Ant1	21.29	Pass
NVNT	ax20 SISO	5320	Ant1	21.277	Pass
NVNT	ax20 SISO	5500	Ant1	20.872	Pass
NVNT	ax20 SISO	5600	Ant1	20.948	Pass
NVNT	ax20 SISO	5720	Ant1	20.894	Pass
NVNT	ax20 SISO	5180	Ant2	21.213	Pass
NVNT	ax20 SISO	5220	Ant2	21.085	Pass
NVNT	ax20 SISO	5240	Ant2	20.8	Pass
NVNT	ax20 SISO	5260	Ant2	21.351	Pass
NVNT	ax20 SISO	5300	Ant2	21.044	Pass
NVNT	ax20 SISO	5320	Ant2	20.916	Pass
NVNT	ax20 SISO	5500	Ant2	21.024	Pass
NVNT	ax20 SISO	5600	Ant2	20.981	Pass



NVNT	ax20 SISO	5720	Ant2	21.087	Pass
NVNT	ax20 MIMO	5180	Ant1	21.074	Pass
NVNT	ax20 MIMO	5180	Ant2	21.032	Pass
NVNT	ax20 MIMO	5220	Ant1	21.004	Pass
NVNT	ax20 MIMO	5220	Ant2	21.018	Pass
NVNT	ax20 MIMO	5240	Ant1	20.958	Pass
NVNT	ax20 MIMO	5240	Ant2	20.675	Pass
NVNT	ax20 MIMO	5260	Ant1	21.146	Pass
NVNT	ax20 MIMO	5260	Ant2	21.023	Pass
NVNT	ax20 MIMO	5300	Ant1	20.953	Pass
NVNT	ax20 MIMO	5300	Ant2	20.901	Pass
NVNT	ax20 MIMO	5320	Ant1	20.961	Pass
NVNT	ax20 MIMO	5320	Ant2	21.03	Pass
NVNT	ax20 MIMO	5500	Ant1	20.889	Pass
NVNT	ax20 MIMO	5500	Ant2	21.116	Pass
NVNT	ax20 MIMO	5600	Ant1	21.064	Pass
NVNT	ax20 MIMO	5600	Ant2	20.923	Pass
NVNT	ax20 MIMO	5720	Ant1	20.975	Pass
NVNT	ax20 MIMO	5720	Ant2	20.533	Pass
NVNT	ax40 SISO	5190	Ant1	40.694	Pass
NVNT	ax40 SISO	5230	Ant1	40.428	Pass
NVNT	ax40 SISO	5270	Ant1	40.703	Pass
NVNT	ax40 SISO	5310	Ant1	40.384	Pass
NVNT	ax40 SISO	5510	Ant1	40.48	Pass
NVNT	ax40 SISO	5630	Ant1	40.401	Pass
NVNT	ax40 SISO	5710	Ant1	40.521	Pass
NVNT	ax40 SISO	5190	Ant2	40.535	Pass
NVNT	ax40 SISO	5230	Ant2	40.66	Pass
NVNT	ax40 SISO	5270	Ant2	40.75	Pass
NVNT	ax40 SISO	5310	Ant2	40.734	Pass
NVNT	ax40 SISO	5510	Ant2	40.945	Pass
NVNT	ax40 SISO	5630	Ant2	39.965	Pass
NVNT	ax40 SISO	5710	Ant2	40.671	Pass
NVNT	ax80 SISO	5210	Ant1	84.396	Pass
NVNT	ax80 SISO	5290	Ant1	83.055	Pass
NVNT	ax80 SISO	5530	Ant1	84.237	Pass
NVNT	ax80 SISO	5610	Ant1	84.104	Pass
NVNT	ax80 SISO	5690	Ant1	84.5	Pass



NVNT	ax80 SISO	5210	Ant2	83.25	Pass
NVNT	ax80 SISO	5290	Ant2	83.812	Pass
NVNT	ax80 SISO	5530	Ant2	83.687	Pass
NVNT	ax80 SISO	5610	Ant2	84.157	Pass
NVNT	ax80 SISO	5690	Ant2	84.256	Pass
NVNT	ax160 SISO	5250	Ant1	168.631	Pass
NVNT	ax160 SISO	5570	Ant1	169.207	Pass
NVNT	ax160 SISO	5250	Ant2	168.313	Pass
NVNT	ax160 SISO	5570	Ant2	168.46	Pass
NVNT	ax20 26@0	5180	Ant1	20.853	Pass
NVNT	ax20 26@0	5180	Ant2	20.38	Pass
NVNT	ax20 26@0	5220	Ant1	20.416	Pass
NVNT	ax20 26@0	5220	Ant2	20.583	Pass
NVNT	ax20 26@0	5240	Ant1	20.55	Pass
NVNT	ax20 26@0	5240	Ant2	20.177	Pass
NVNT	ax20 26@0	5260	Ant1	20.102	Pass
NVNT	ax20 26@0	5260	Ant2	20.83	Pass
NVNT	ax20 26@0	5300	Ant1	20.535	Pass
NVNT	ax20 26@0	5300	Ant2	19.339	Pass
NVNT	ax20 26@0	5320	Ant1	19.619	Pass
NVNT	ax20 26@0	5320	Ant2	20.633	Pass
NVNT	ax20 26@0	5500	Ant1	20.72	Pass
NVNT	ax20 26@0	5500	Ant2	20.661	Pass
NVNT	ax20 26@0	5600	Ant1	20.67	Pass
NVNT	ax20 26@0	5600	Ant2	19.657	Pass
NVNT	ax20 26@0	5720	Ant1	20.37	Pass
NVNT	ax20 26@0	5720	Ant2	20.382	Pass
NVNT	ax20 52@37	5180	Ant1	20.566	Pass
NVNT	ax20 52@37	5180	Ant2	20.738	Pass
NVNT	ax20 52@37	5220	Ant1	20.742	Pass
NVNT	ax20 52@37	5220	Ant2	20.009	Pass
NVNT	ax20 52@37	5240	Ant1	21.205	Pass
NVNT	ax20 52@37	5240	Ant2	20.607	Pass
NVNT	ax20 52@37	5260	Ant1	20.901	Pass
NVNT	ax20 52@37	5260	Ant2	20.806	Pass
NVNT	ax20 52@37	5300	Ant1	21.024	Pass
NVNT	ax20 52@37	5300	Ant2	21.099	Pass
NVNT	ax20 52@37	5320	Ant1	21.004	Pass



NVNT	ax20 52@37	5320	Ant2	21.079	Pass
NVNT	ax20 52@37	5500	Ant1	21.048	Pass
NVNT	ax20 52@37	5500	Ant2	21.257	Pass
NVNT	ax20 52@37	5600	Ant1	21.559	Pass
NVNT	ax20 52@37	5600	Ant2	20.46	Pass
NVNT	ax20 52@37	5720	Ant1	21.214	Pass
NVNT	ax20 52@37	5720	Ant2	20.034	Pass
NVNT	ax20 106@53	5180	Ant1	21.888	Pass
NVNT	ax20 106@53	5180	Ant2	21.069	Pass
NVNT	ax20 106@53	5220	Ant1	21.67	Pass
NVNT	ax20 106@53	5220	Ant2	20.93	Pass
NVNT	ax20 106@53	5240	Ant1	22.09	Pass
NVNT	ax20 106@53	5240	Ant2	21.47	Pass
NVNT	ax20 106@53	5260	Ant1	21.734	Pass
NVNT	ax20 106@53	5260	Ant2	21.293	Pass
NVNT	ax20 106@53	5300	Ant1	22.267	Pass
NVNT	ax20 106@53	5300	Ant2	21.528	Pass
NVNT	ax20 106@53	5320	Ant1	21.704	Pass
NVNT	ax20 106@53	5320	Ant2	21.136	Pass
NVNT	ax20 106@53	5500	Ant1	21.65	Pass
NVNT	ax20 106@53	5500	Ant2	21.674	Pass
NVNT	ax20 106@53	5600	Ant1	21.586	Pass
NVNT	ax20 106@53	5600	Ant2	20.835	Pass
NVNT	ax20 106@53	5720	Ant1	21.901	Pass
NVNT	ax20 106@53	5720	Ant2	21.465	Pass
NVNT	ax40 26@0	5190	Ant1	40.517	Pass
NVNT	ax40 26@0	5190	Ant2	41.371	Pass
NVNT	ax40 52@37	5190	Ant1	40.341	Pass
NVNT	ax40 52@37	5190	Ant2	40.972	Pass
NVNT	ax40 106@53	5190	Ant1	40.896	Pass
NVNT	ax40 106@53	5190	Ant2	42.144	Pass
NVNT	ax40 242@61	5190	Ant1	43.564	Pass
NVNT	ax40 242@61	5190	Ant2	42.276	Pass
NVNT	ax80 26@0	5290	Ant1	83.543	Pass
NVNT	ax80 26@0	5290	Ant2	84.022	Pass
NVNT	ax80 52@37	5210	Ant1	85.486	Pass
NVNT	ax80 52@37	5210	Ant2	82.607	Pass
NVNT	ax80 106@53	5210	Ant1	87.807	Pass



NVNT	ax80 106@53	5210	Ant2	86.411	Pass
NVNT	ax80 242@61	5210	Ant1	90.039	Pass
NVNT	ax80 242@61	5210	Ant2	86.425	Pass
NVNT	ax80 484@65	5210	Ant1	89.685	Pass
NVNT	ax80 484@65	5210	Ant2	87.319	Pass
NVNT	ax160 26@0	5250	Ant1	162.093	Pass
NVNT	ax160 26@0	5250	Ant2	159.939	Pass
NVNT	ax160 26@0	5570	Ant1	164.284	Pass
NVNT	ax160 26@0	5570	Ant2	163.837	Pass
NVNT	ax160 52@74	5250	Ant1	169.44	Pass
NVNT	ax160 52@74	5250	Ant2	166.308	Pass
NVNT	ax160 52@74	5570	Ant1	166.627	Pass
NVNT	ax160 52@74	5570	Ant2	167.236	Pass
NVNT	ax160 106@106	5250	Ant1	164.457	Pass
NVNT	ax160 106@106	5250	Ant2	166.6	Pass
NVNT	ax160 106@106	5570	Ant1	166.115	Pass
NVNT	ax160 106@106	5570	Ant2	167.068	Pass
NVNT	ax160 242@122	5250	Ant1	169.406	Pass
NVNT	ax160 242@122	5250	Ant2	168.945	Pass
NVNT	ax160 242@122	5570	Ant1	168.441	Pass
NVNT	ax160 242@122	5570	Ant2	168.148	Pass
NVNT	ax160 484@130	5250	Ant1	173.385	Pass
NVNT	ax160 484@130	5250	Ant2	173.649	Pass
NVNT	ax160 484@130	5570	Ant1	173.243	Pass
NVNT	ax160 484@130	5570	Ant2	172.941	Pass
NVNT	ax160 966@134	5250	Ant1	174.253	Pass
NVNT	ax160 966@134	5250	Ant2	173.361	Pass
NVNT	ax160 966@134	5570	Ant1	175.116	Pass
NVNT	ax160 966@134	5570	Ant2	174.453	Pass



Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a SISO	5745	Ant1	16.389	0.5	Pass
NVNT	a SISO	5785	Ant1	16.308	0.5	Pass
NVNT	a SISO	5825	Ant1	16.309	0.5	Pass
NVNT	a SISO	5745	Ant2	16.323	0.5	Pass
NVNT	a SISO	5785	Ant2	16.333	0.5	Pass
NVNT	a SISO	5825	Ant2	16.336	0.5	Pass
NVNT	n20 SISO	5745	Ant1	17.055	0.5	Pass
NVNT	n20 SISO	5785	Ant1	17.561	0.5	Pass
NVNT	n20 SISO	5825	Ant1	17.006	0.5	Pass
NVNT	n20 SISO	5745	Ant2	17.037	0.5	Pass
NVNT	n20 SISO	5785	Ant2	17.569	0.5	Pass
NVNT	n20 SISO	5825	Ant2	17.609	0.5	Pass
NVNT	n20 MIMO	5745	Ant1	17.268	0.5	Pass
NVNT	n20 MIMO	5745	Ant2	17.56	0.5	Pass
NVNT	n20 MIMO	5785	Ant1	17.56	0.5	Pass
NVNT	n20 MIMO	5785	Ant2	17.54	0.5	Pass
NVNT	n20 MIMO	5825	Ant1	17.559	0.5	Pass
NVNT	n20 MIMO	5825	Ant2	17.568	0.5	Pass
NVNT	n40 SISO	5755	Ant1	36.289	0.5	Pass
NVNT	n40 SISO	5795	Ant1	36.343	0.5	Pass
NVNT	n40 SISO	5755	Ant2	35.812	0.5	Pass
NVNT	n40 SISO	5795	Ant2	36.314	0.5	Pass
NVNT	ac20 SISO	5745	Ant1	17.284	0.5	Pass
NVNT	ac20 SISO	5785	Ant1	17.565	0.5	Pass
NVNT	ac20 SISO	5825	Ant1	17.571	0.5	Pass
NVNT	ac20 SISO	5745	Ant2	17.619	0.5	Pass
NVNT	ac20 SISO	5785	Ant2	17.653	0.5	Pass
NVNT	ac20 SISO	5825	Ant2	17.561	0.5	Pass
NVNT	ac20 MIMO	5745	Ant1	17.593	0.5	Pass
NVNT	ac20 MIMO	5745	Ant2	17.565	0.5	Pass
NVNT	ac20 MIMO	5785	Ant1	17.577	0.5	Pass
NVNT	ac20 MIMO	5785	Ant2	17.316	0.5	Pass
NVNT	ac20 MIMO	5825	Ant1	17.574	0.5	Pass
NVNT	ac20 MIMO	5825	Ant2	17.566	0.5	Pass
NVNT	ac40 SISO	5755	Ant1	35.885	0.5	Pass



NVNT	ac40 SISO	5795	Ant1	36.306	0.5	Pass
NVNT	ac40 SISO	5755	Ant2	36.309	0.5	Pass
NVNT	ac40 SISO	5795	Ant2	36.311	0.5	Pass
NVNT	ac80 SISO	5775	Ant1	74.857	0.5	Pass
NVNT	ac80 SISO	5775	Ant2	73.398	0.5	Pass
NVNT	ax20 SISO	5745	Ant1	18.287	0.5	Pass
NVNT	ax20 SISO	5785	Ant1	18.898	0.5	Pass
NVNT	ax20 SISO	5825	Ant1	18.948	0.5	Pass
NVNT	ax20 SISO	5745	Ant2	18.8	0.5	Pass
NVNT	ax20 SISO	5785	Ant2	18.851	0.5	Pass
NVNT	ax20 SISO	5825	Ant2	18.565	0.5	Pass
NVNT	ax20 MIMO	5745	Ant1	18.878	0.5	Pass
NVNT	ax20 MIMO	5745	Ant2	18.91	0.5	Pass
NVNT	ax20 MIMO	5785	Ant1	18.965	0.5	Pass
NVNT	ax20 MIMO	5785	Ant2	18.738	0.5	Pass
NVNT	ax20 MIMO	5825	Ant1	18.985	0.5	Pass
NVNT	ax20 MIMO	5825	Ant2	18.906	0.5	Pass
NVNT	ax40 SISO	5755	Ant1	37.915	0.5	Pass
NVNT	ax40 SISO	5795	Ant1	37.307	0.5	Pass
NVNT	ax40 SISO	5755	Ant2	37.031	0.5	Pass
NVNT	ax40 SISO	5795	Ant2	37.693	0.5	Pass
NVNT	ax80 SISO	5775	Ant1	76.651	0.5	Pass
NVNT	ax80 SISO	5775	Ant2	77.627	0.5	Pass
NVNT	ax20 26@0	5745	Ant1	2.075	0.5	Pass
NVNT	ax20 26@0	5745	Ant2	2.104	0.5	Pass
NVNT	ax20 26@0	5785	Ant1	2.008	0.5	Pass
NVNT	ax20 26@0	5785	Ant2	2.042	0.5	Pass
NVNT	ax20 26@0	5825	Ant1	2.036	0.5	Pass
NVNT	ax20 26@0	5825	Ant2	2.071	0.5	Pass
NVNT	ax20 52@37	5745	Ant1	15.789	0.5	Pass
NVNT	ax20 52@37	5745	Ant2	12.009	0.5	Pass
NVNT	ax20 52@37	5785	Ant1	17.047	0.5	Pass
NVNT	ax20 52@37	5785	Ant2	17.041	0.5	Pass
NVNT	ax20 52@37	5825	Ant1	17.075	0.5	Pass
NVNT	ax20 52@37	5825	Ant2	17.081	0.5	Pass
NVNT	ax20 106@53	5745	Ant1	17.118	0.5	Pass
NVNT	ax20 106@53	5745	Ant2	17.063	0.5	Pass
NVNT	ax20 106@53	5785	Ant1	17.691	0.5	Pass



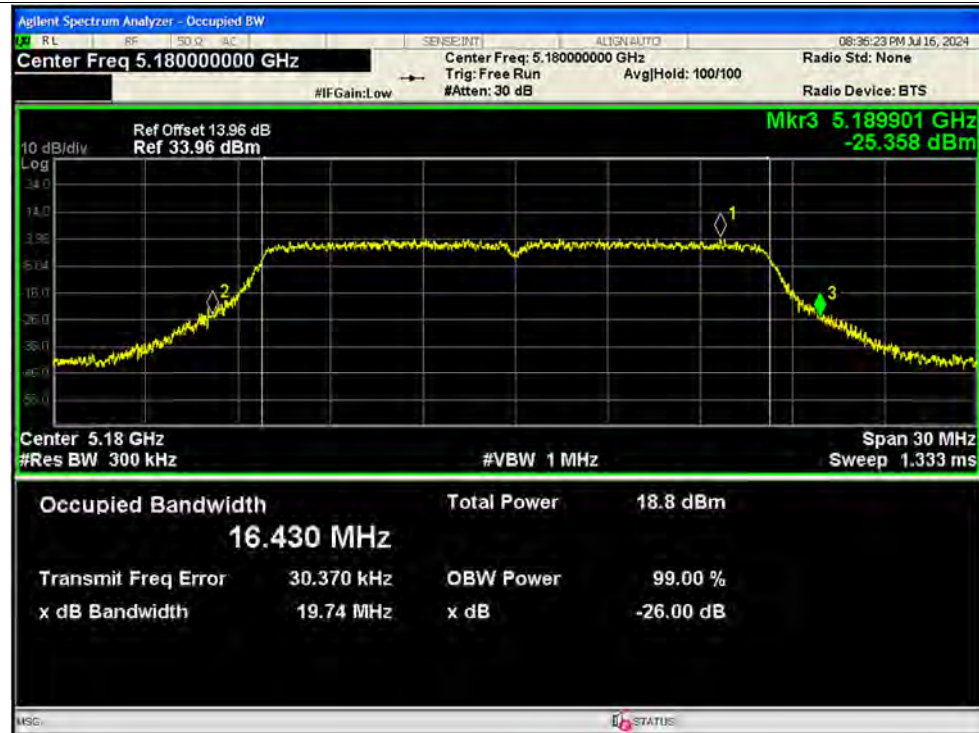
REPORT No.: SZ24060156W04

NVNT	ax20 106@53	5785	Ant2	17.079	0.5	Pass
NVNT	ax20 106@53	5825	Ant1	17.155	0.5	Pass
NVNT	ax20 106@53	5825	Ant2	17.096	0.5	Pass



Test Graphs

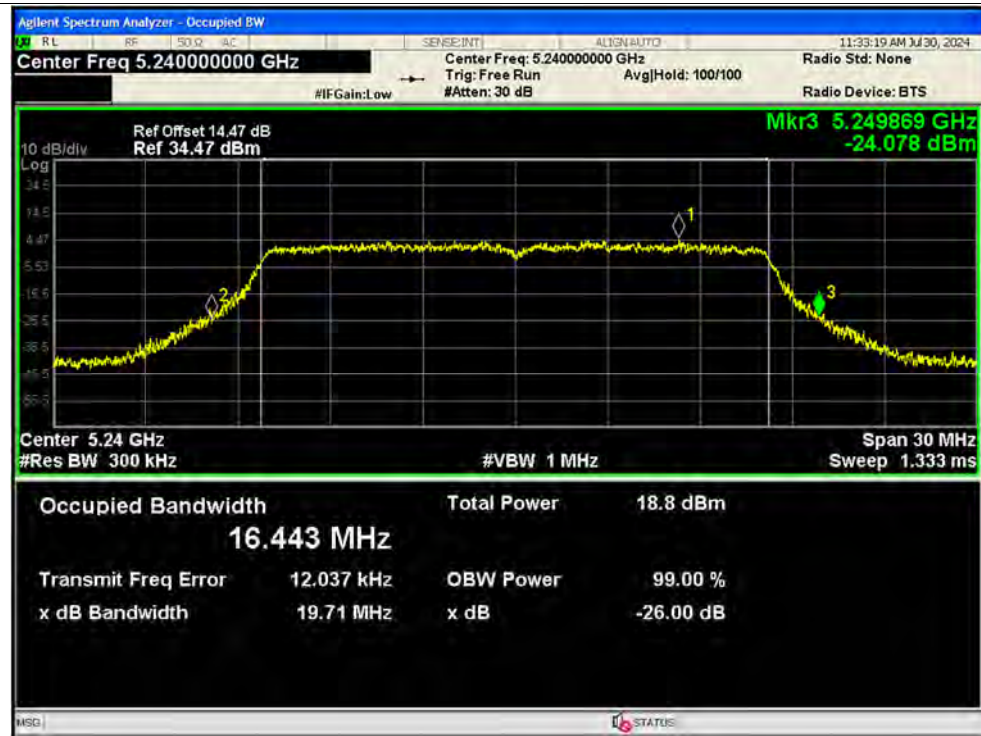
-26dB Bandwidth NVNT a 5180MHz Ant1 SISO



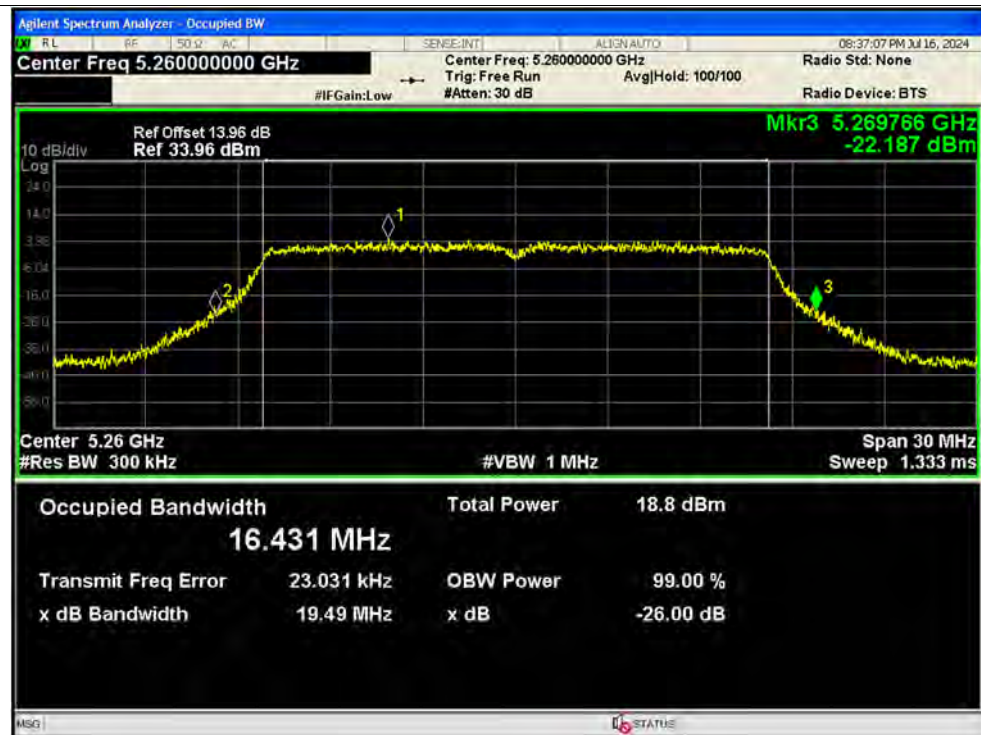
-26dB Bandwidth NVNT a 5220MHz Ant1 SISO



-26dB Bandwidth NVNT a 5240MHz Ant1 SISO



-26dB Bandwidth NVNT a 5260MHz Ant1 SISO

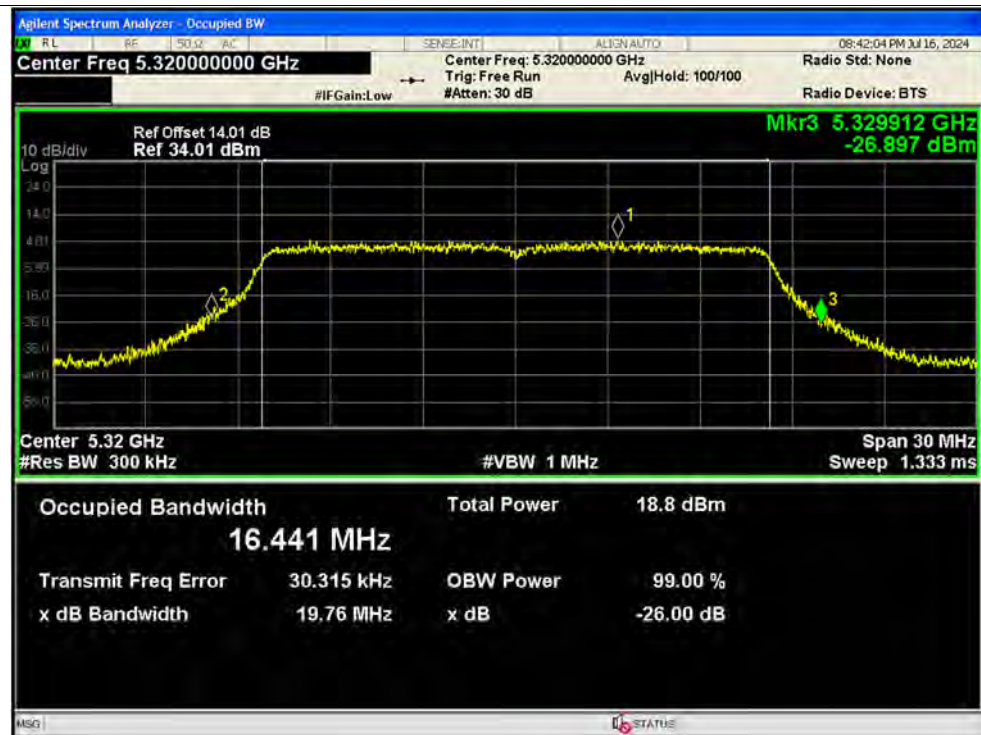




-26dB Bandwidth NVNT a 5300MHz Ant1 SISO



-26dB Bandwidth NVNT a 5320MHz Ant1 SISO



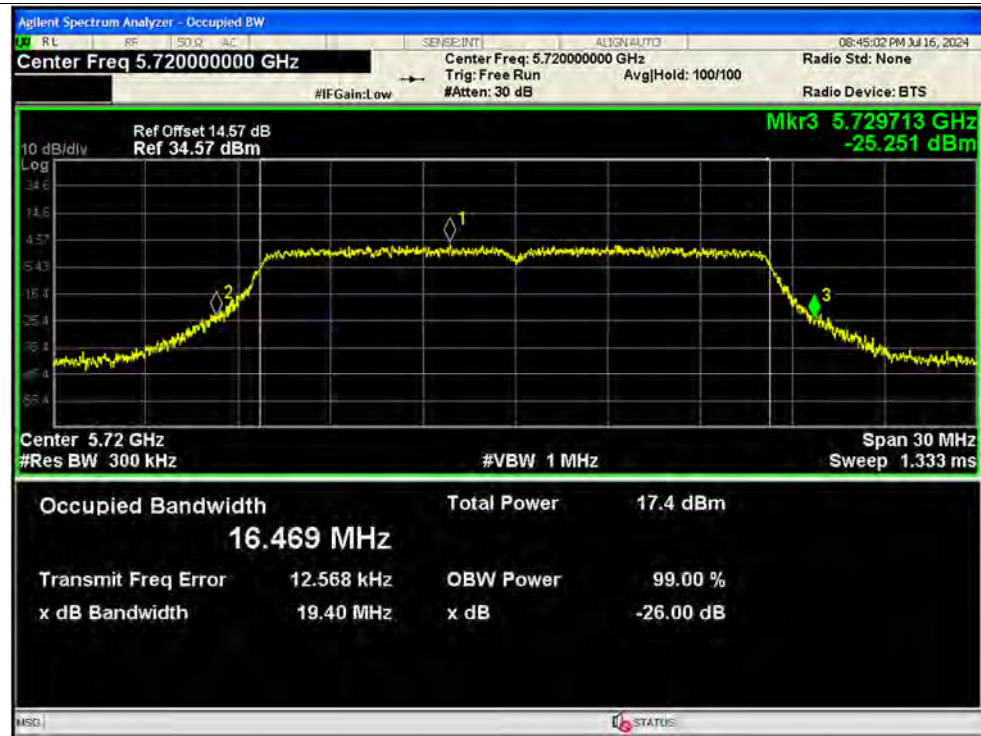
-26dB Bandwidth NVNT a 5500MHz Ant1 SISO



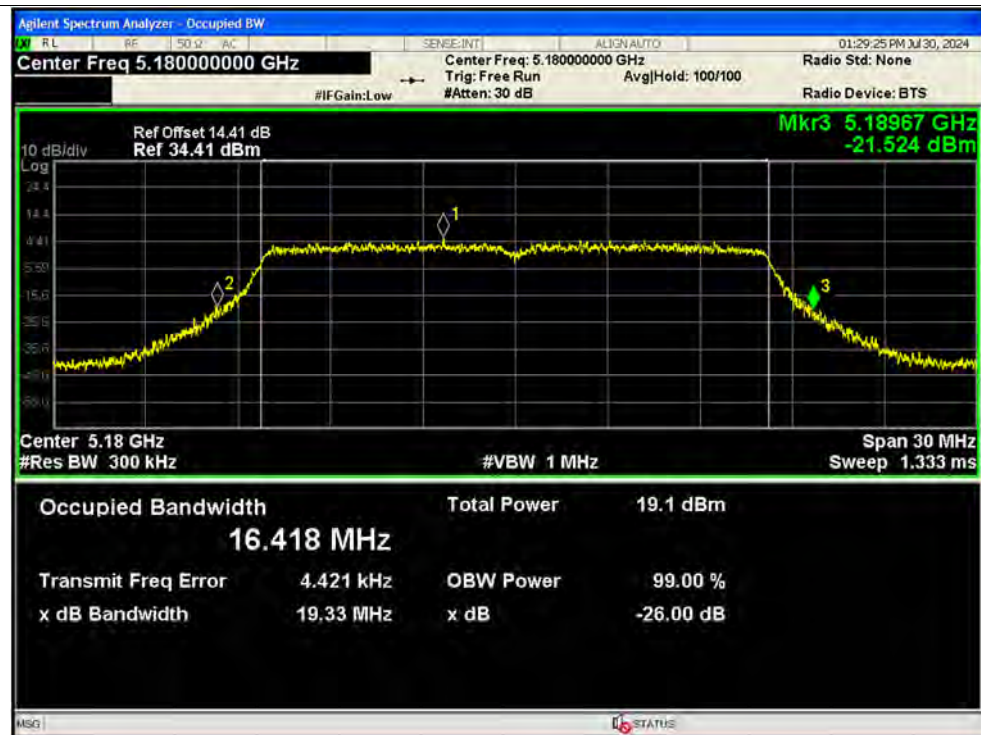
-26dB Bandwidth NVNT a 5600MHz Ant1 SISO



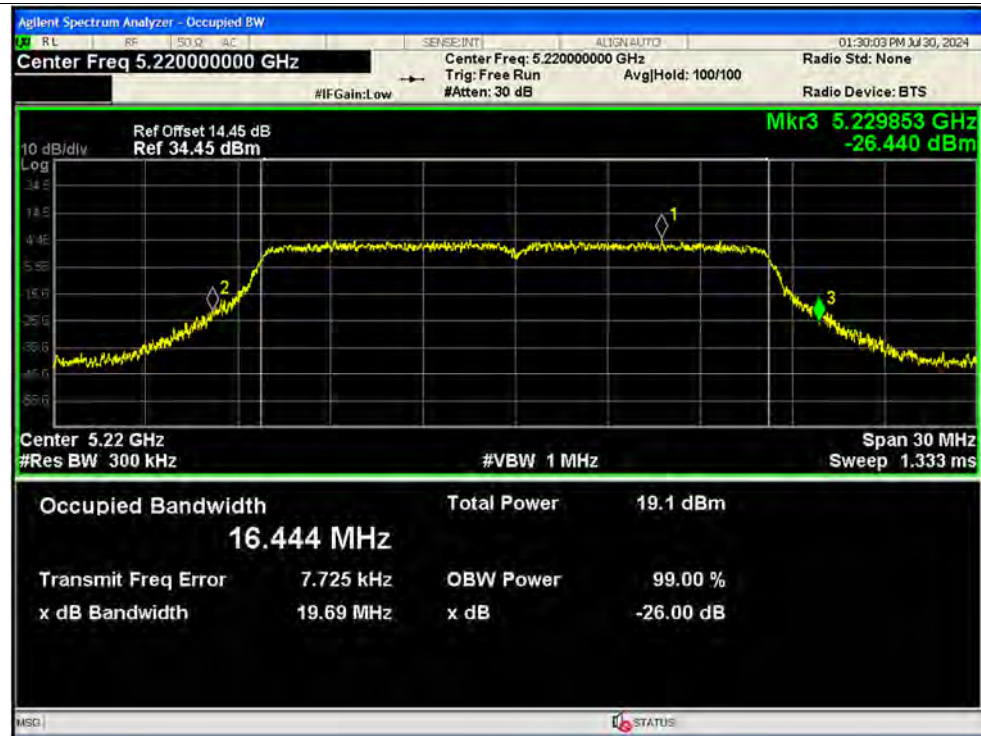
-26dB Bandwidth NVNT a 5720MHz Ant1 SISO



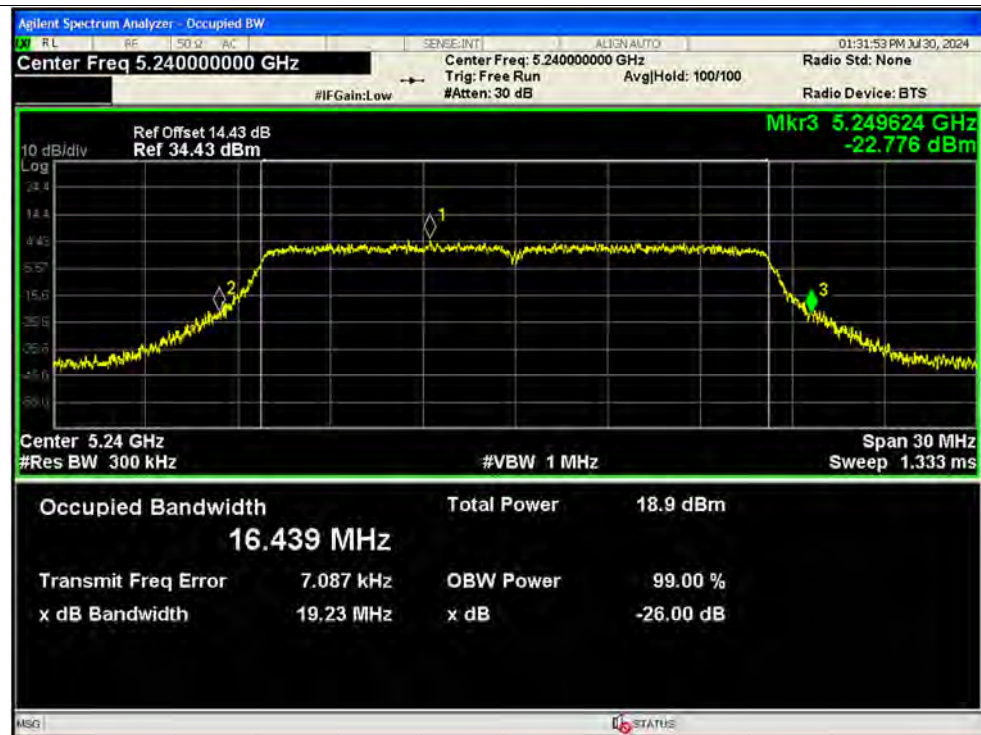
-26dB Bandwidth NVNT a 5180MHz Ant2 SISO



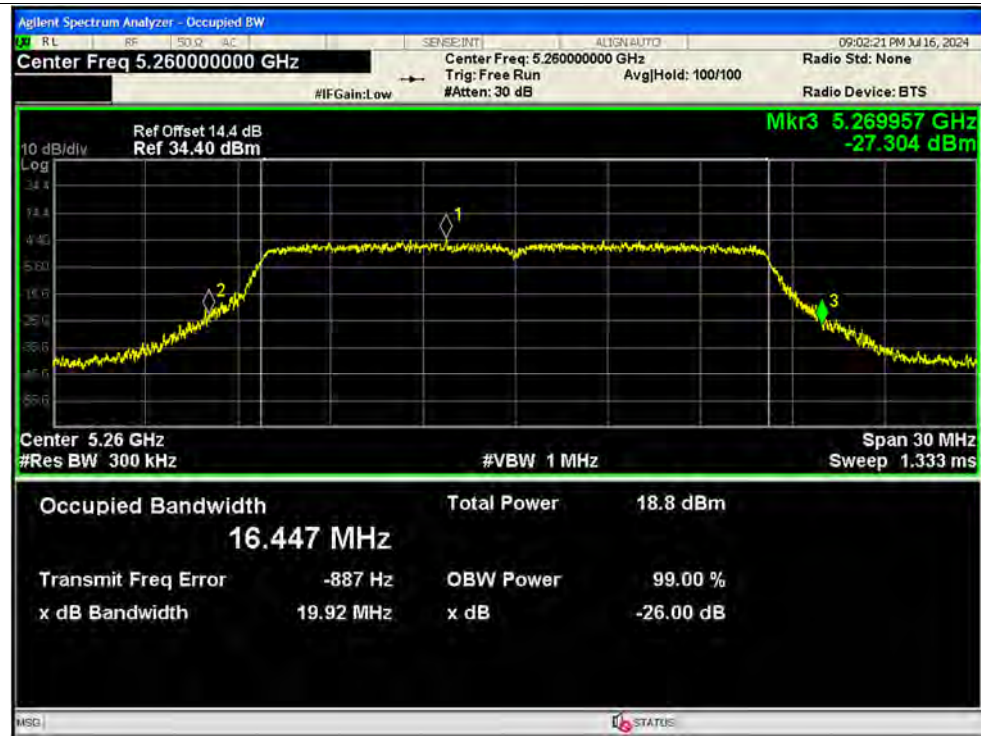
-26dB Bandwidth NVNT a 5220MHz Ant2 SISO



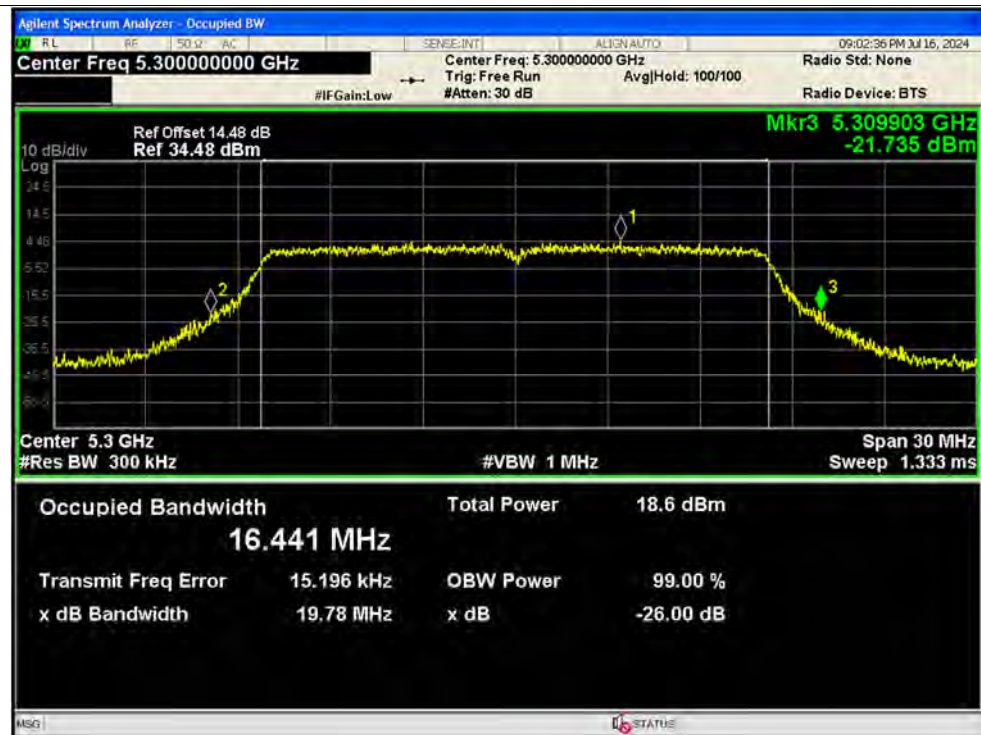
-26dB Bandwidth NVNT a 5240MHz Ant2 SISO



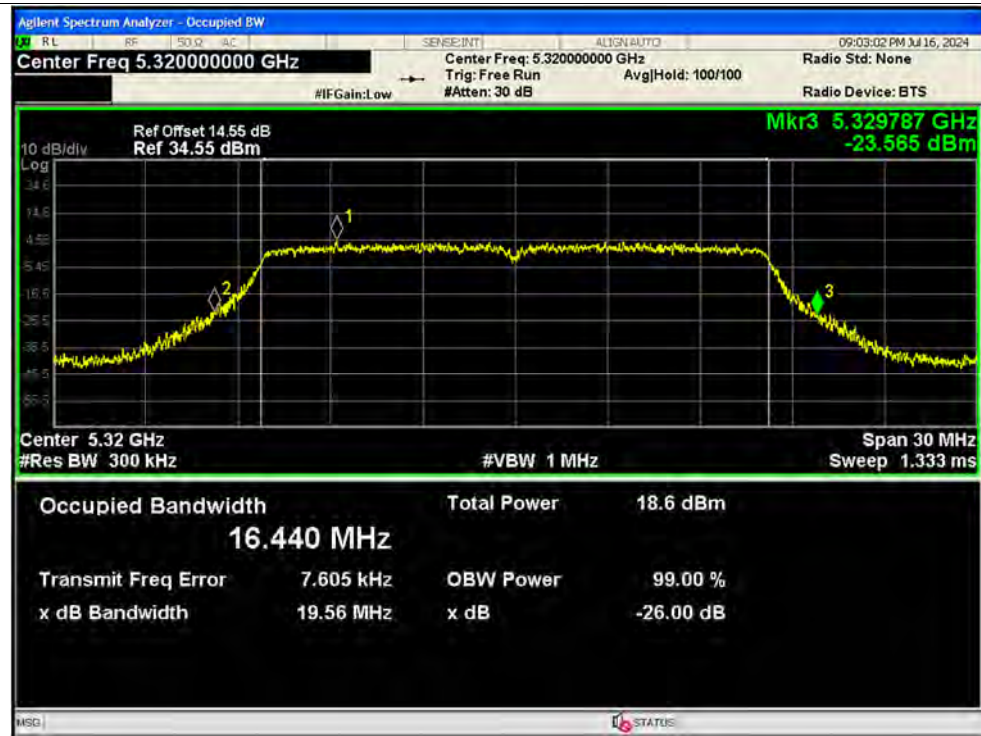
-26dB Bandwidth NVNT a 5260MHz Ant2 SISO



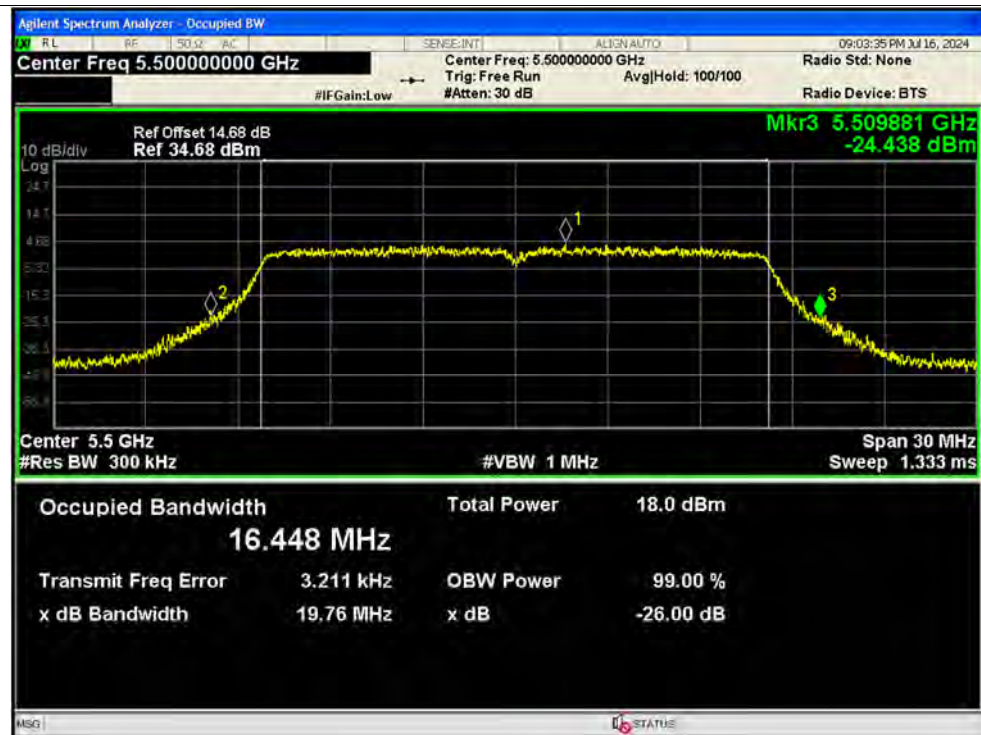
-26dB Bandwidth NVNT a 5300MHz Ant2 SISO



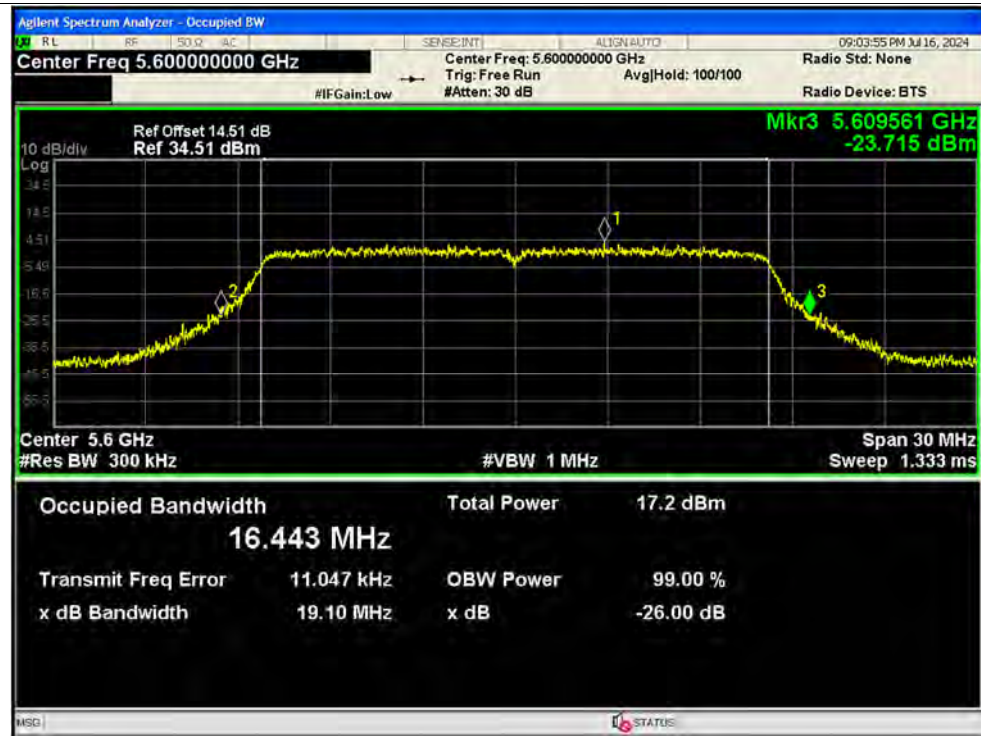
-26dB Bandwidth NVNT a 5320MHz Ant2 SISO



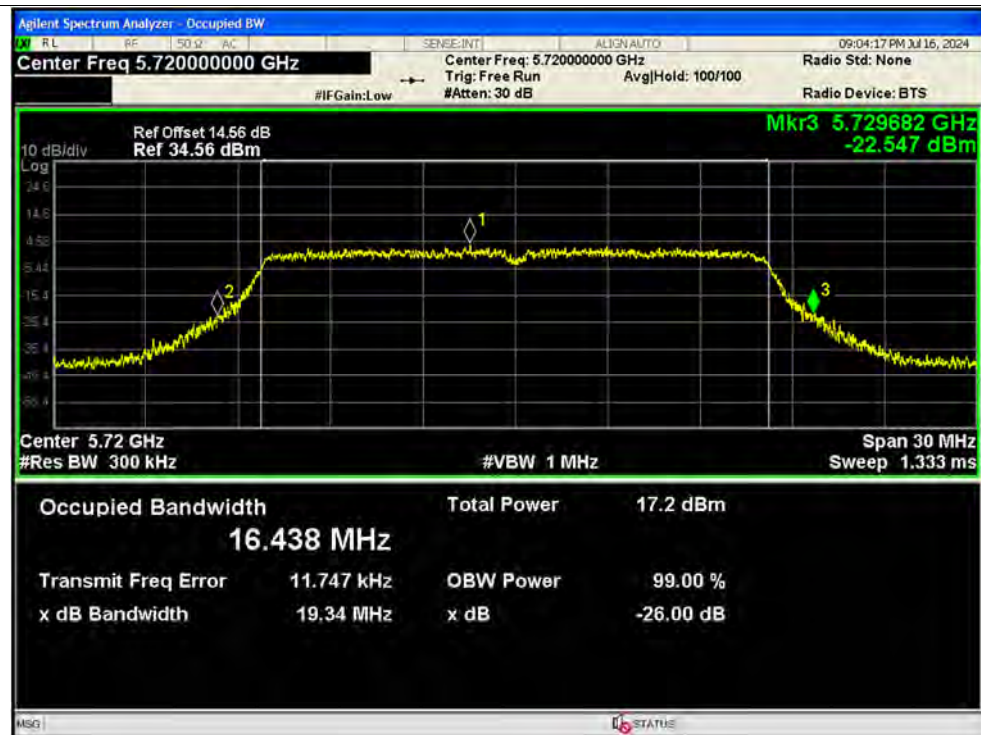
-26dB Bandwidth NVNT a 5500MHz Ant2 SISO



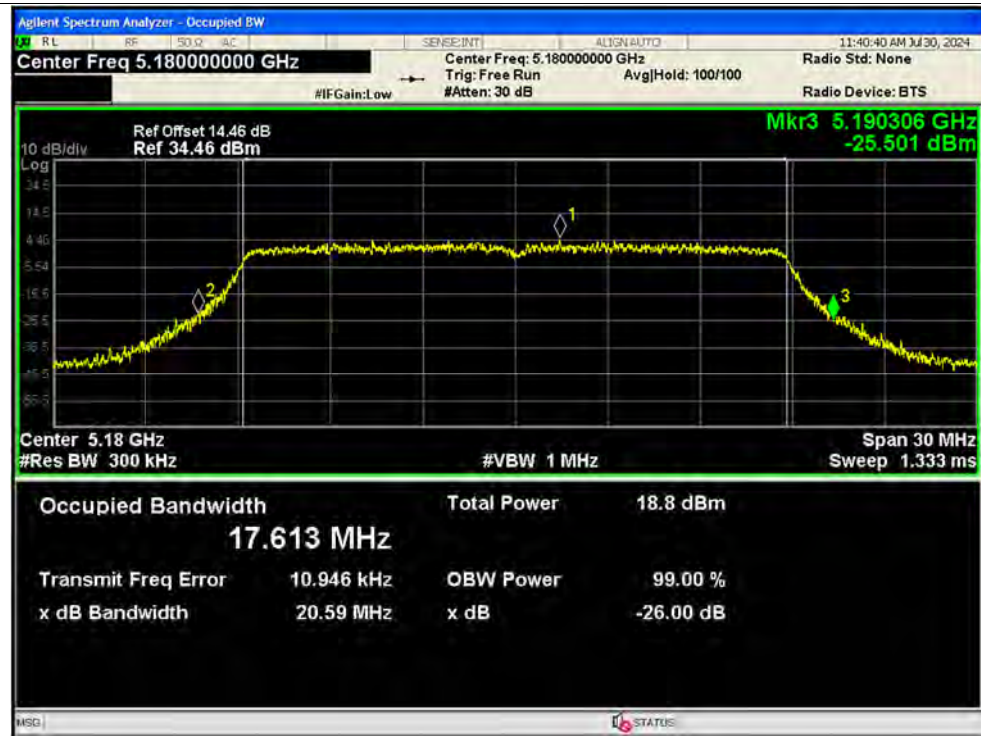
-26dB Bandwidth NVNT a 5600MHz Ant2 SISO



-26dB Bandwidth NVNT a 5720MHz Ant2 SISO



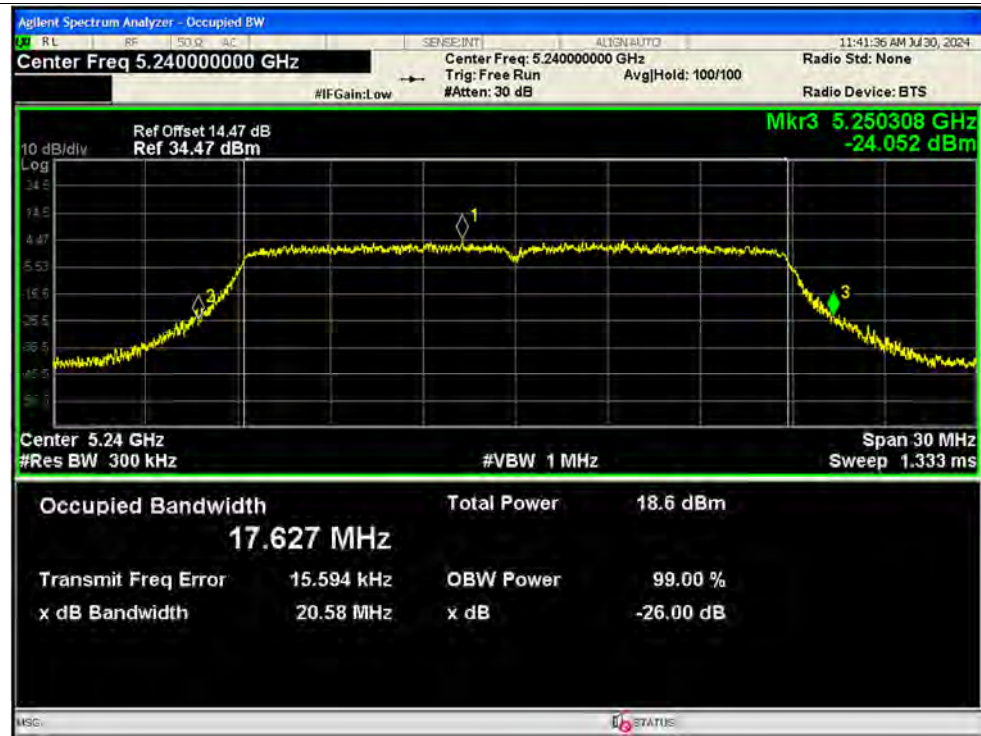
-26dB Bandwidth NVNT n20 5180MHz Ant1 SISO



-26dB Bandwidth NVNT n20 5220MHz Ant1 SISO



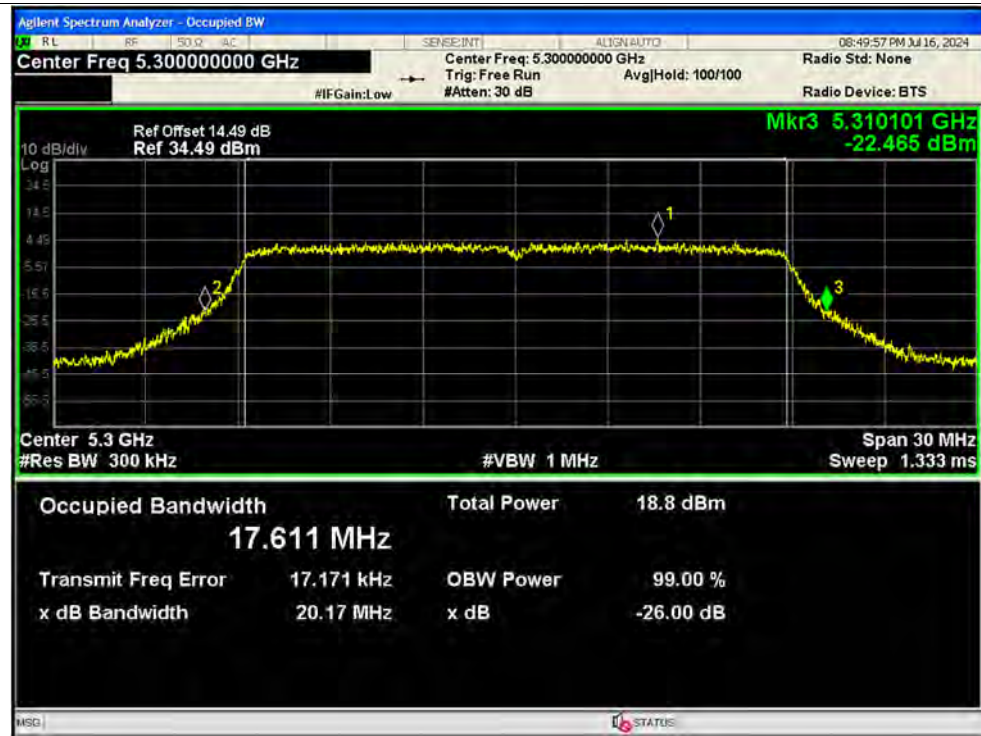
-26dB Bandwidth NVNT n20 5240MHz Ant1 SISO



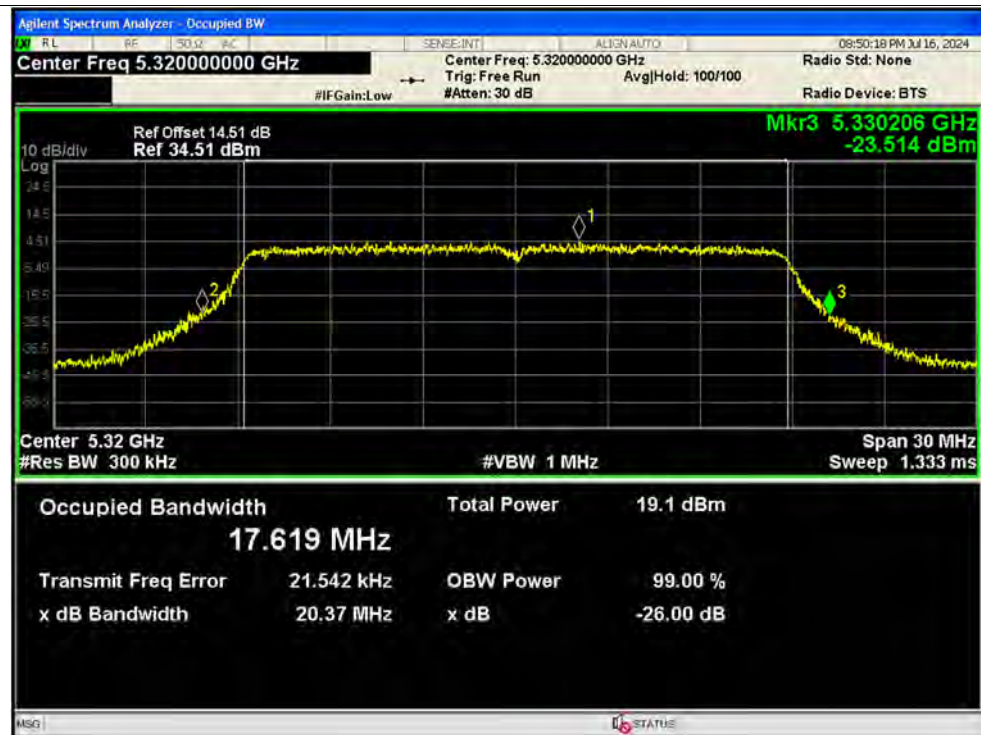
-26dB Bandwidth NVNT n20 5260MHz Ant1 SISO



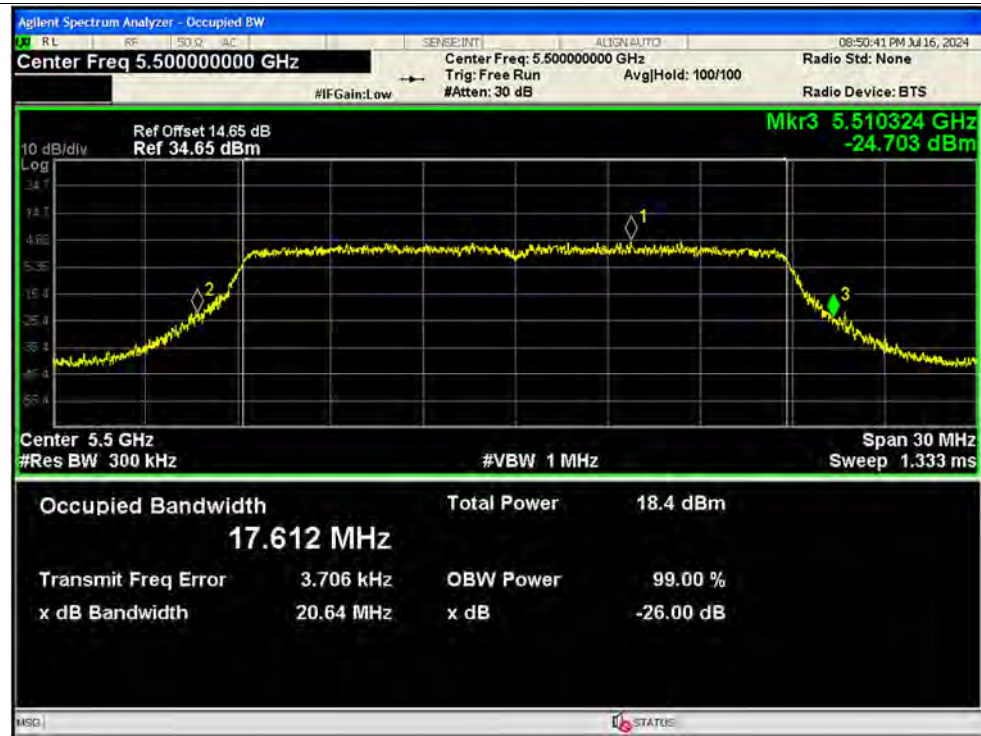
-26dB Bandwidth NVNT n20 5300MHz Ant1 SISO



-26dB Bandwidth NVNT n20 5320MHz Ant1 SISO



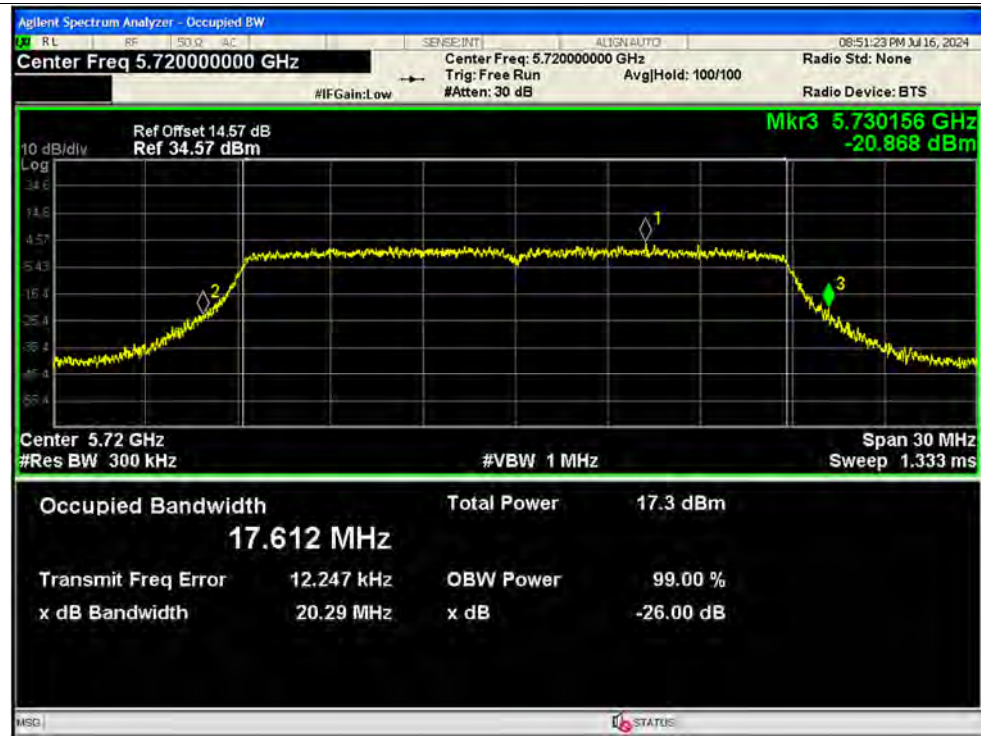
-26dB Bandwidth NVNT n20 5500MHz Ant1 SISO



-26dB Bandwidth NVNT n20 5600MHz Ant1 SISO



-26dB Bandwidth NVNT n20 5720MHz Ant1 SISO



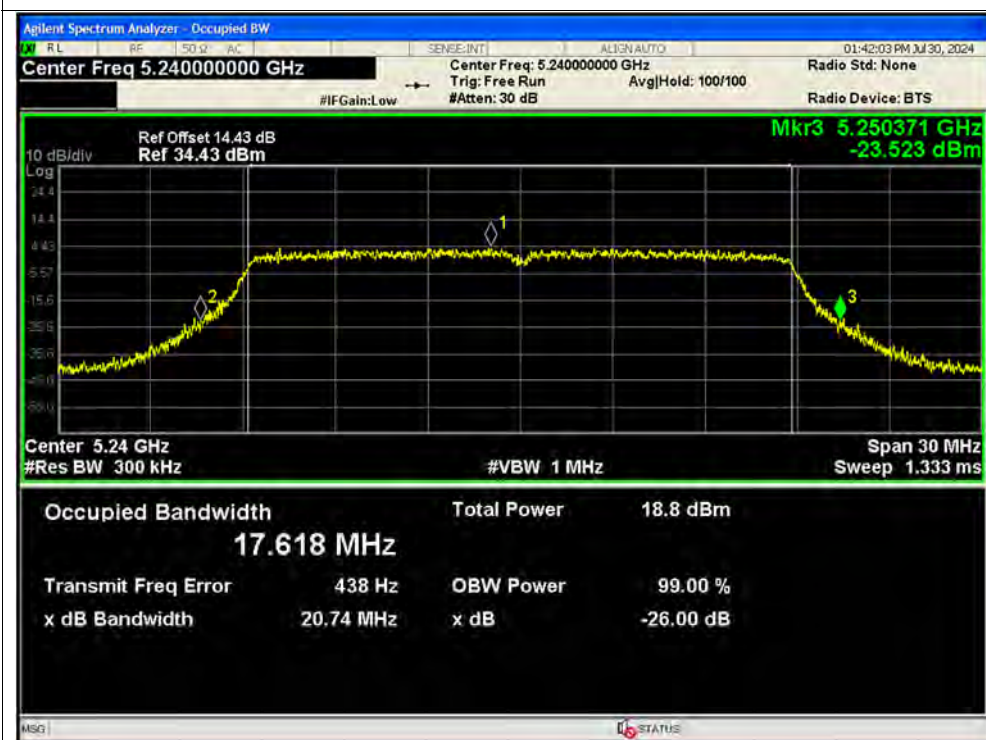
-26dB Bandwidth NVNT n20 5180MHz Ant2 SISO



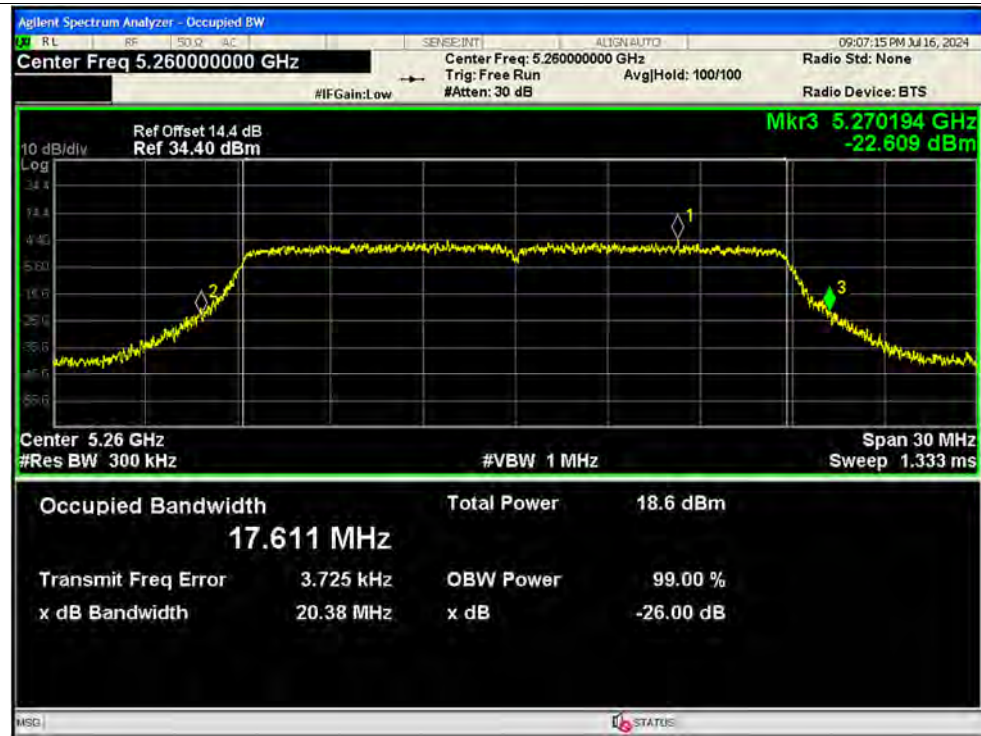
-26dB Bandwidth NVNT n20 5220MHz Ant2 SISO



-26dB Bandwidth NVNT n20 5240MHz Ant2 SISO



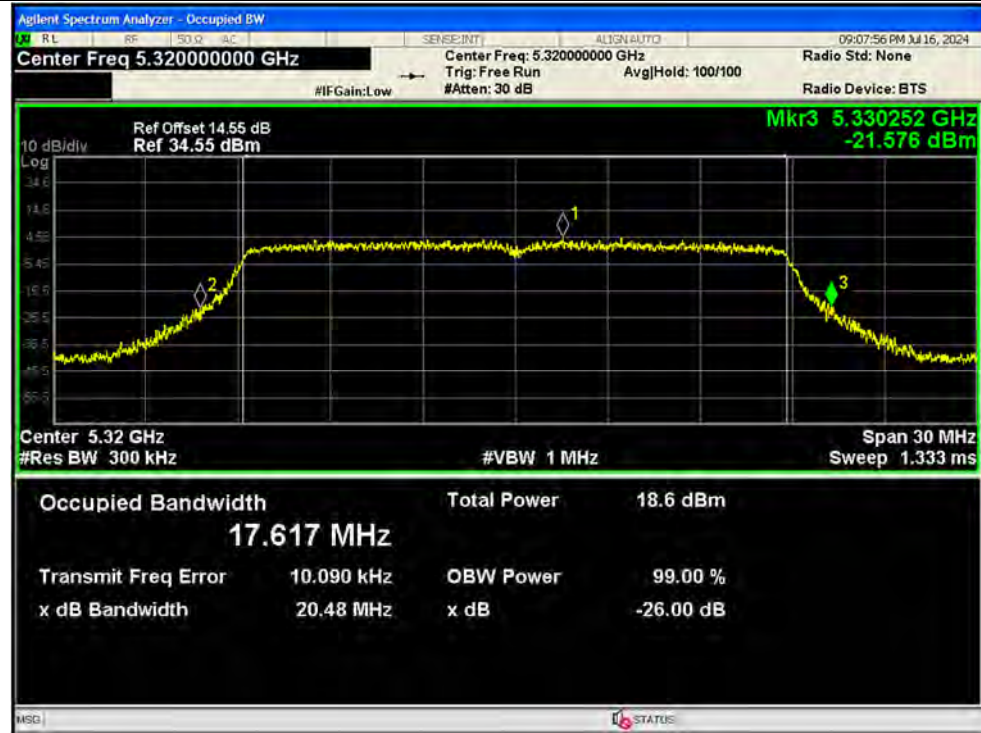
-26dB Bandwidth NVNT n20 5260MHz Ant2 SISO



-26dB Bandwidth NVNT n20 5300MHz Ant2 SISO



-26dB Bandwidth NVNT n20 5320MHz Ant2 SISO



-26dB Bandwidth NVNT n20 5500MHz Ant2 SISO





-26dB Bandwidth NVNT n20 5600MHz Ant2 SISO



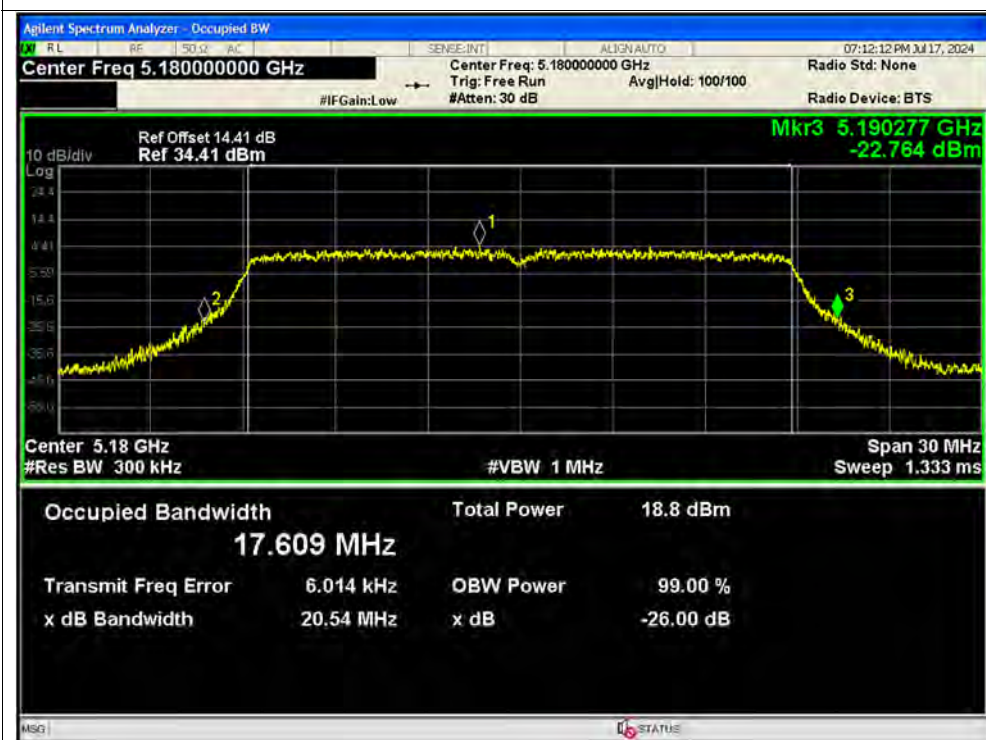
-26dB Bandwidth NVNT n20 5720MHz Ant2 SISO



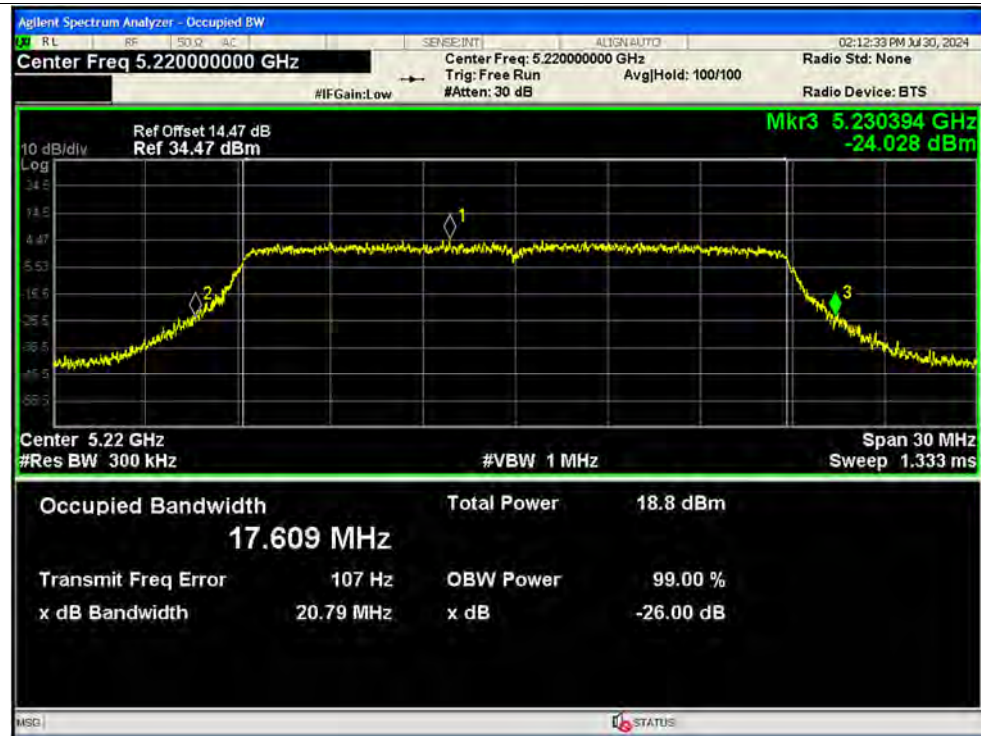
-26dB Bandwidth NVNT n20 5180MHz Ant1 MIMO



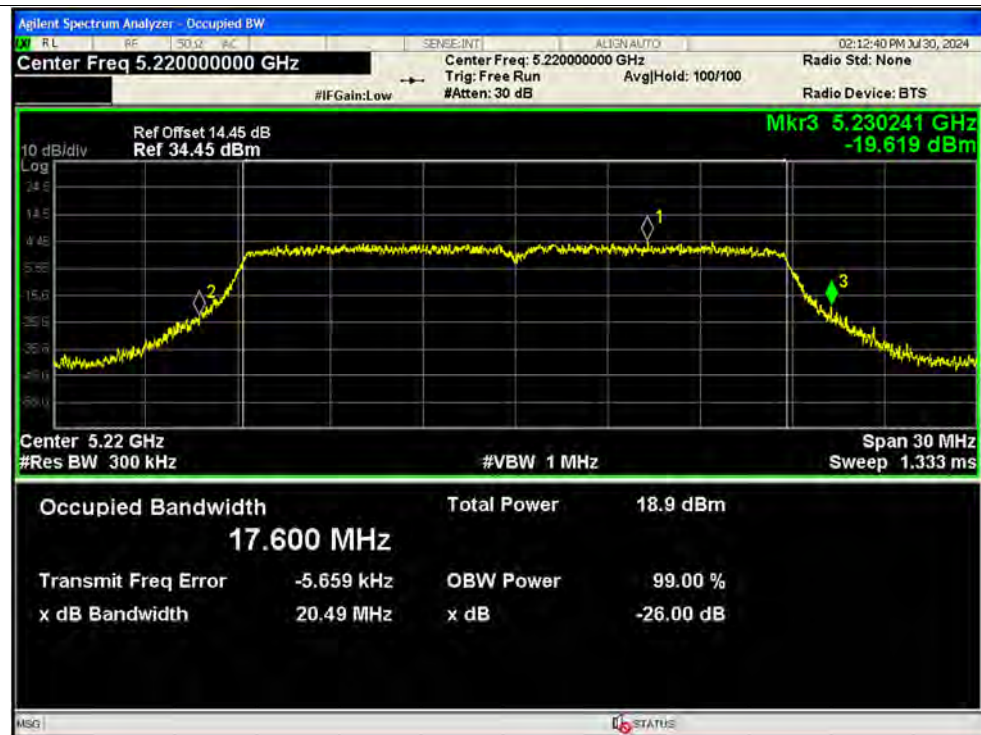
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-26dB Bandwidth NVNT n20 5220MHz Ant1 MIMO



-26dB Bandwidth NVNT n20 5220MHz Ant2 MIMO



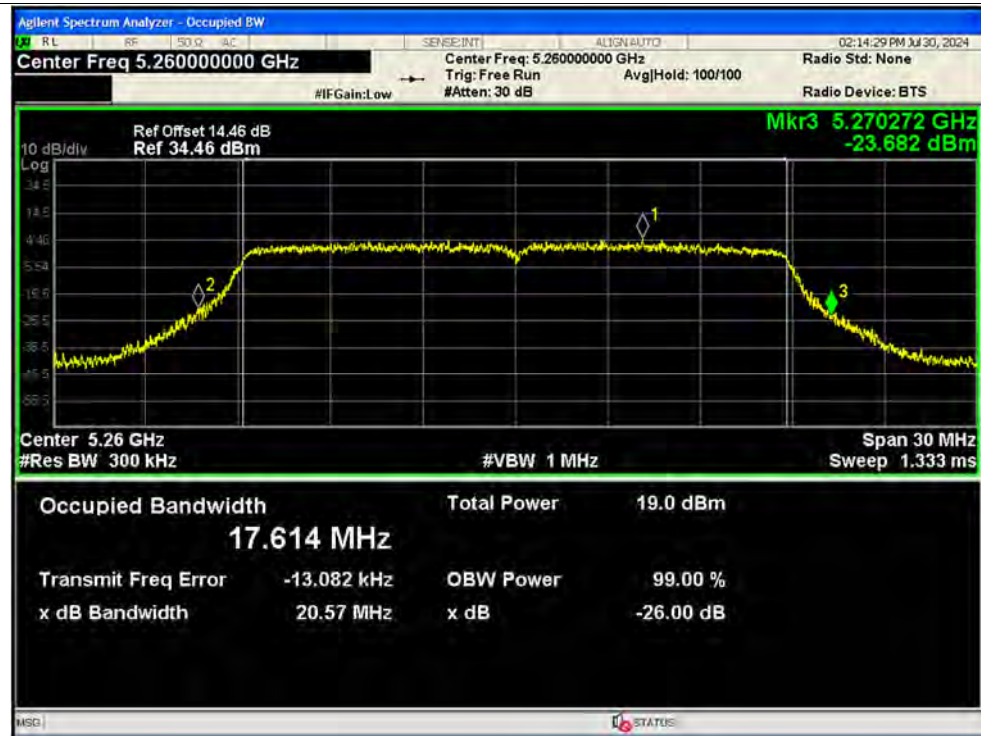
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-26dB Bandwidth NVNT n20 5240MHz Ant2 MIMO



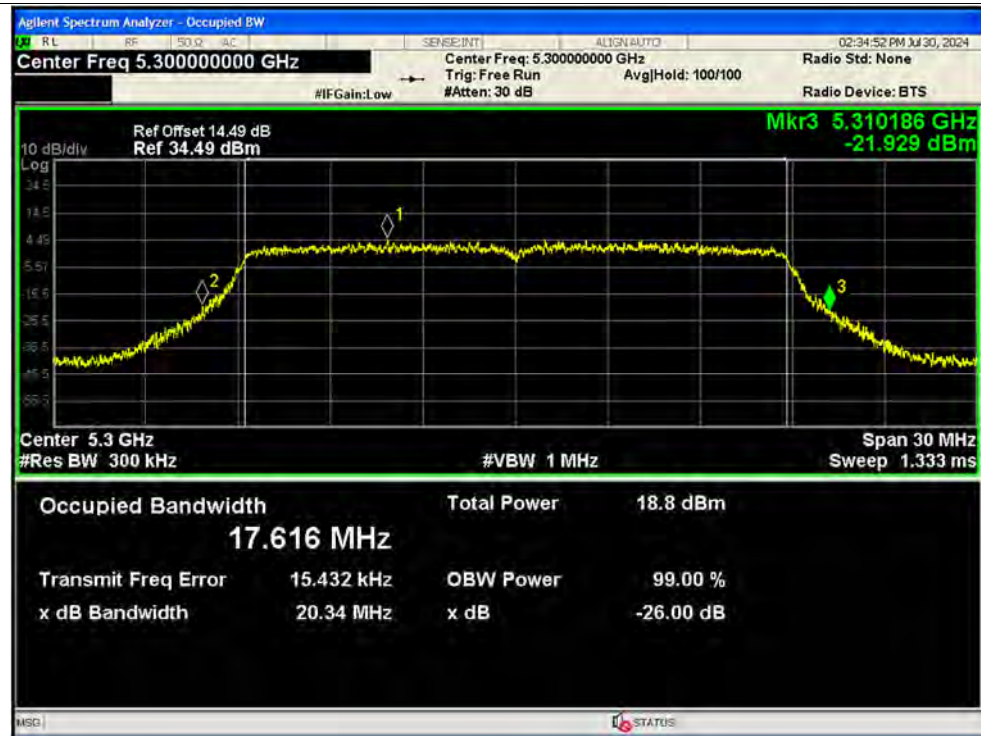
-26dB Bandwidth NVNT n20 5260MHz Ant1 MIMO



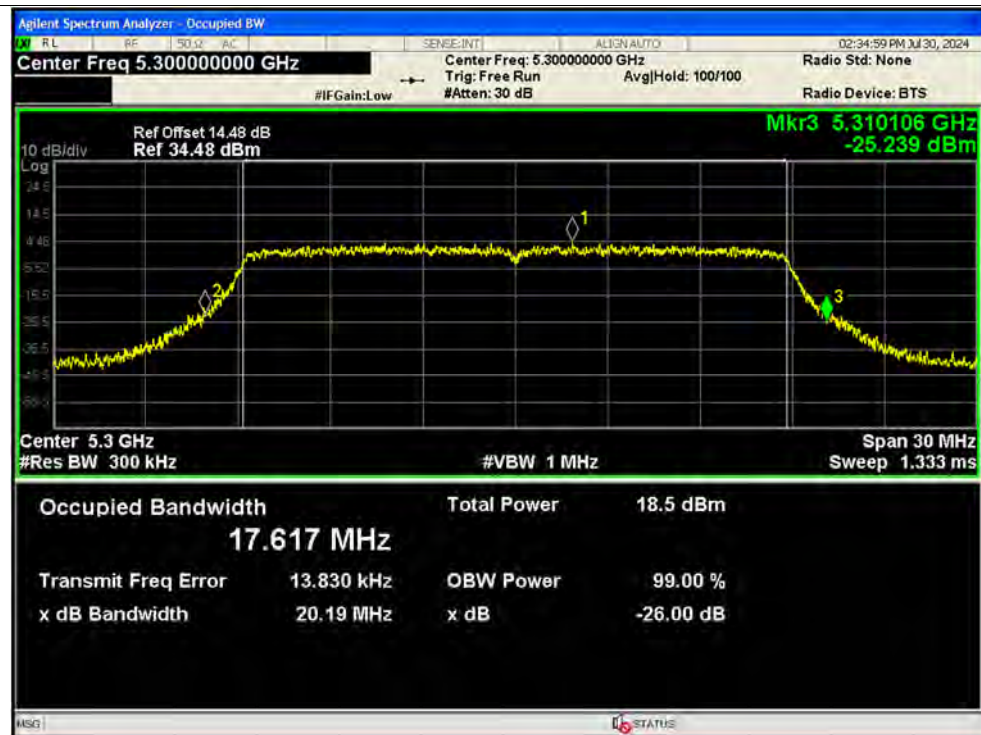
-26dB Bandwidth NVNT n20 5260MHz Ant2 MIMO



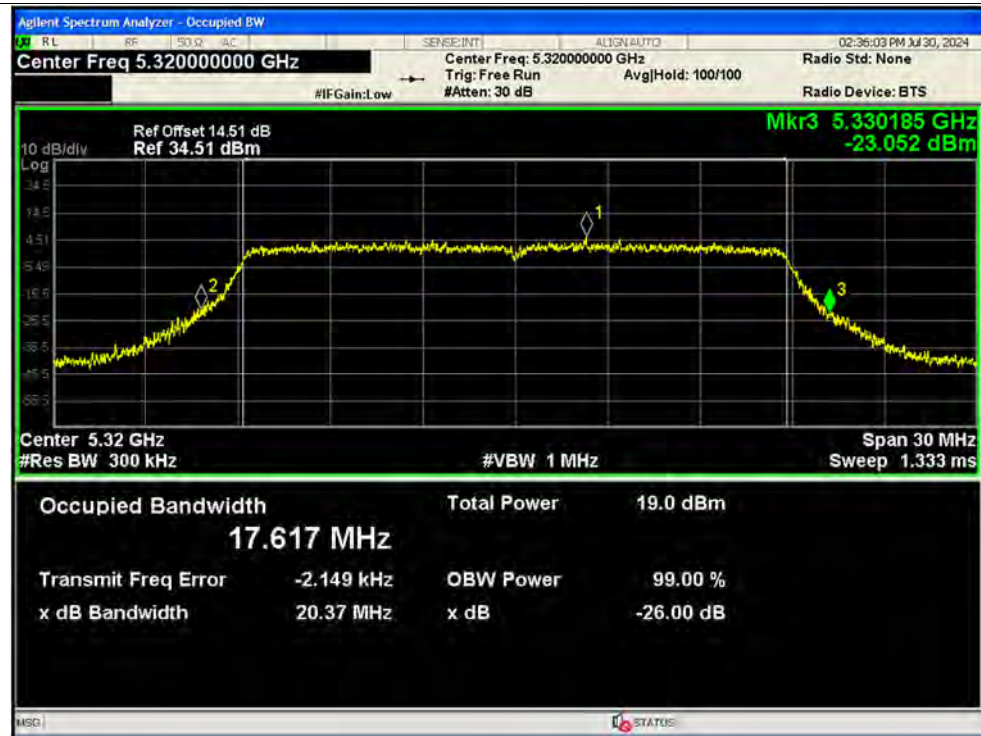
-26dB Bandwidth NVNT n20 5300MHz Ant1 MIMO



-26dB Bandwidth NVNT n20 5300MHz Ant2 MIMO



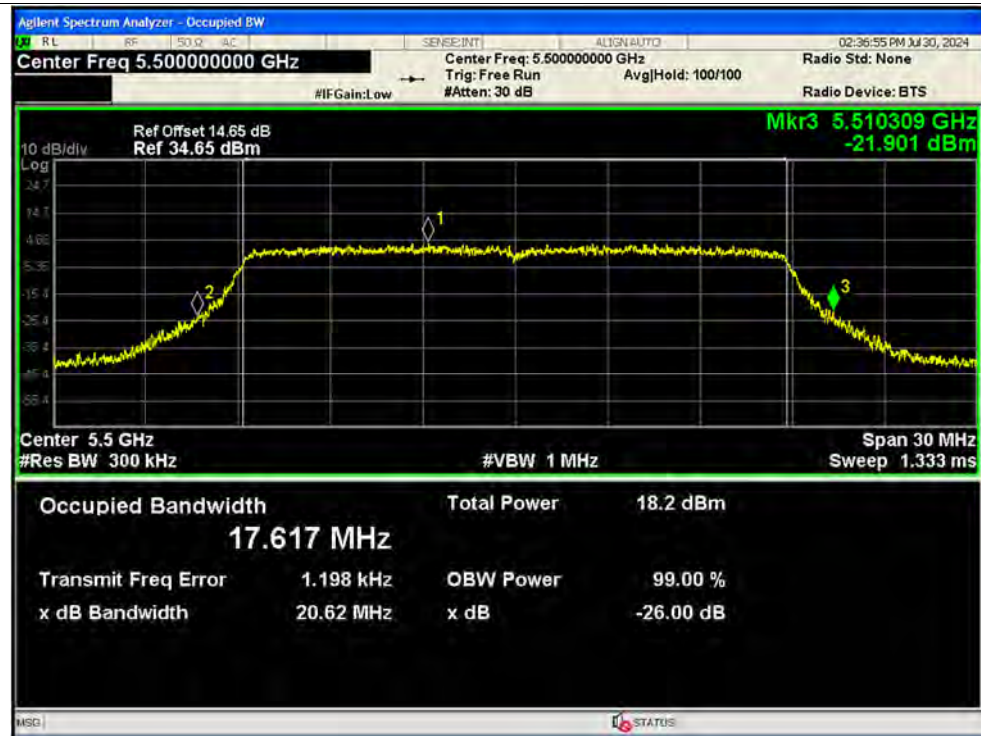
-26dB Bandwidth NVNT n20 5320MHz Ant1 MIMO



-26dB Bandwidth NVNT n20 5320MHz Ant2 MIMO



-26dB Bandwidth NVNT n20 5500MHz Ant1 MIMO



-26dB Bandwidth NVNT n20 5500MHz Ant2 MIMO



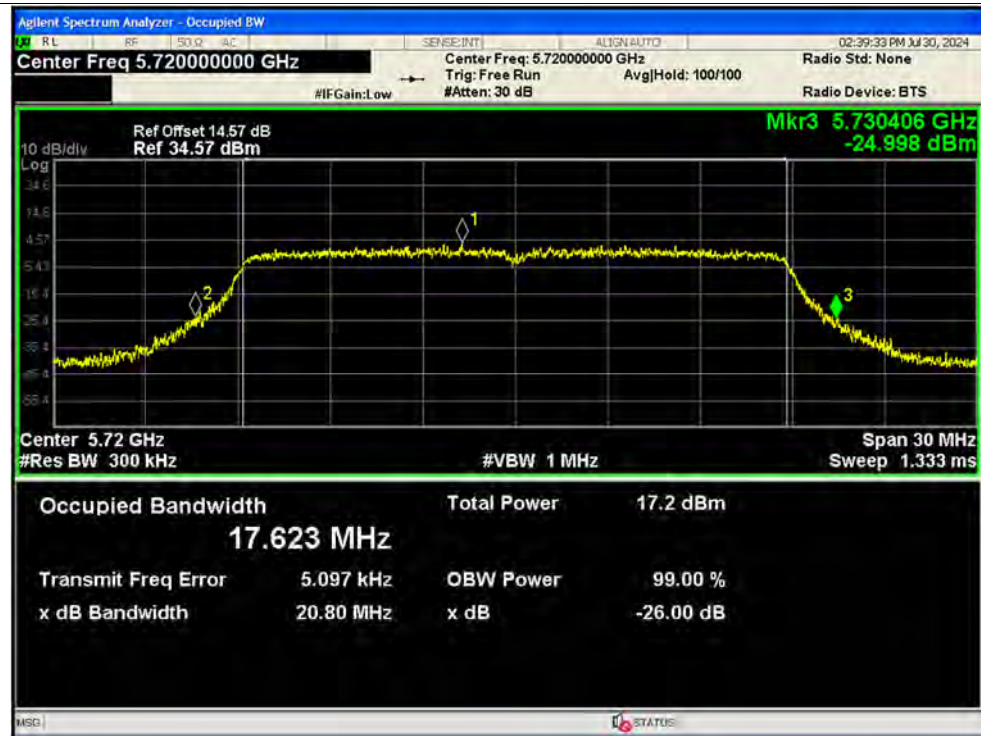
-26dB Bandwidth NVNT n20 5600MHz Ant1 MIMO



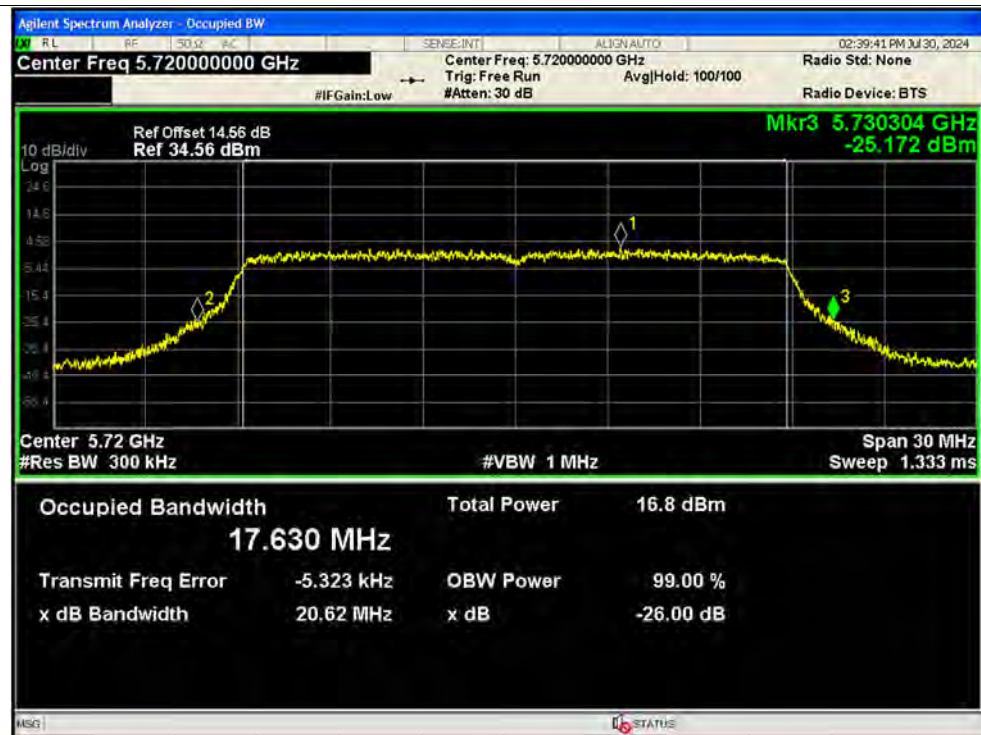
-26dB Bandwidth NVNT n20 5600MHz Ant2 MIMO



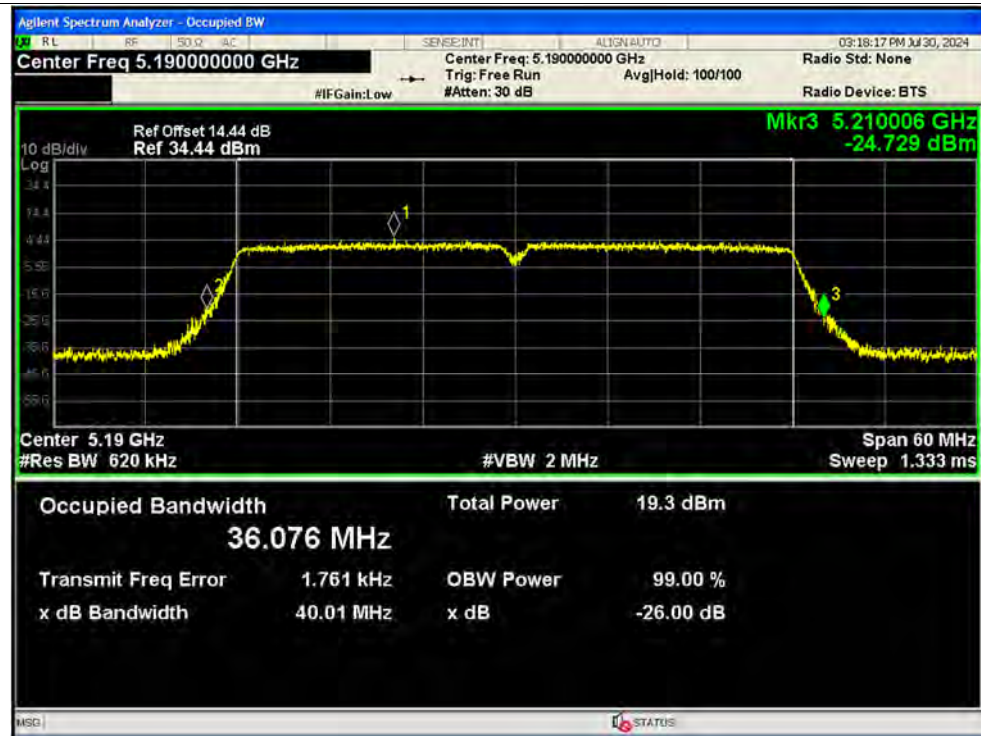
-26dB Bandwidth NVNT n20 5720MHz Ant1 MIMO



-26dB Bandwidth NVNT n20 5720MHz Ant2 MIMO



-26dB Bandwidth NVNT n40 5190MHz Ant1 SISO



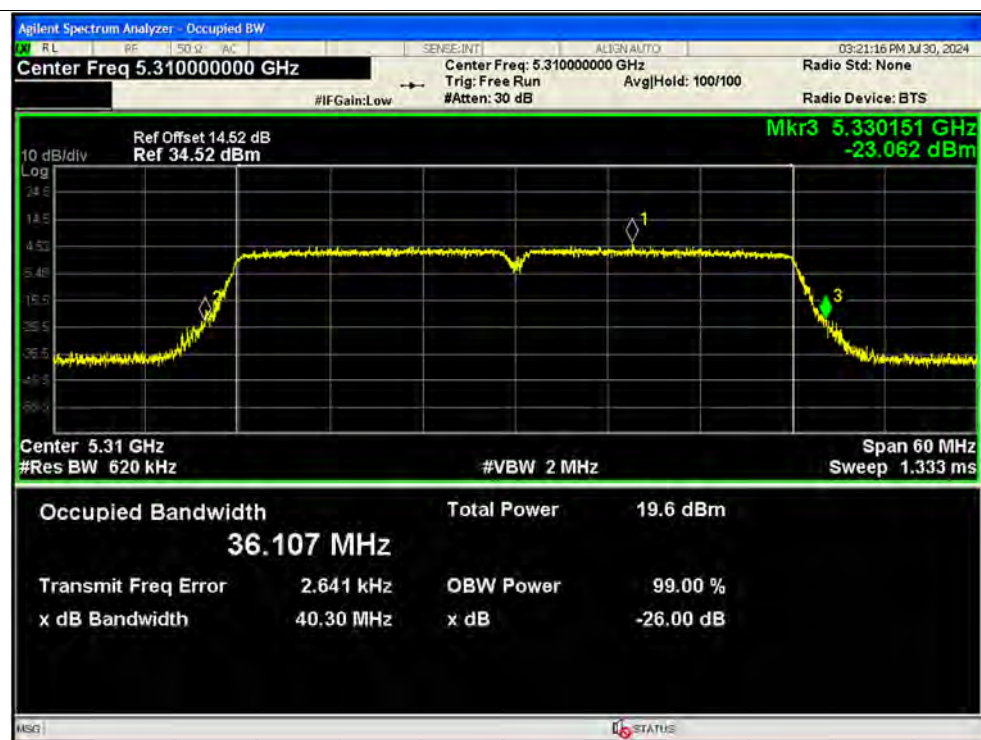
-26dB Bandwidth NVNT n40 5230MHz Ant1 SISO



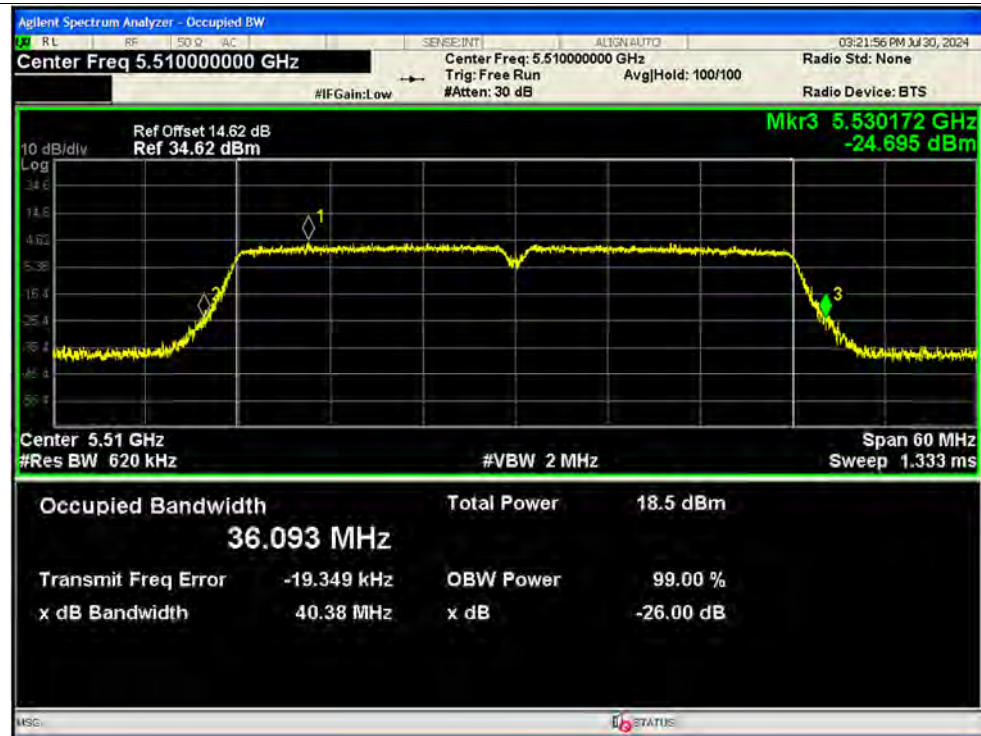
-26dB Bandwidth NVNT n40 5270MHz Ant1 SISO



-26dB Bandwidth NVNT n40 5310MHz Ant1 SISO



-26dB Bandwidth NVNT n40 5510MHz Ant1 SISO



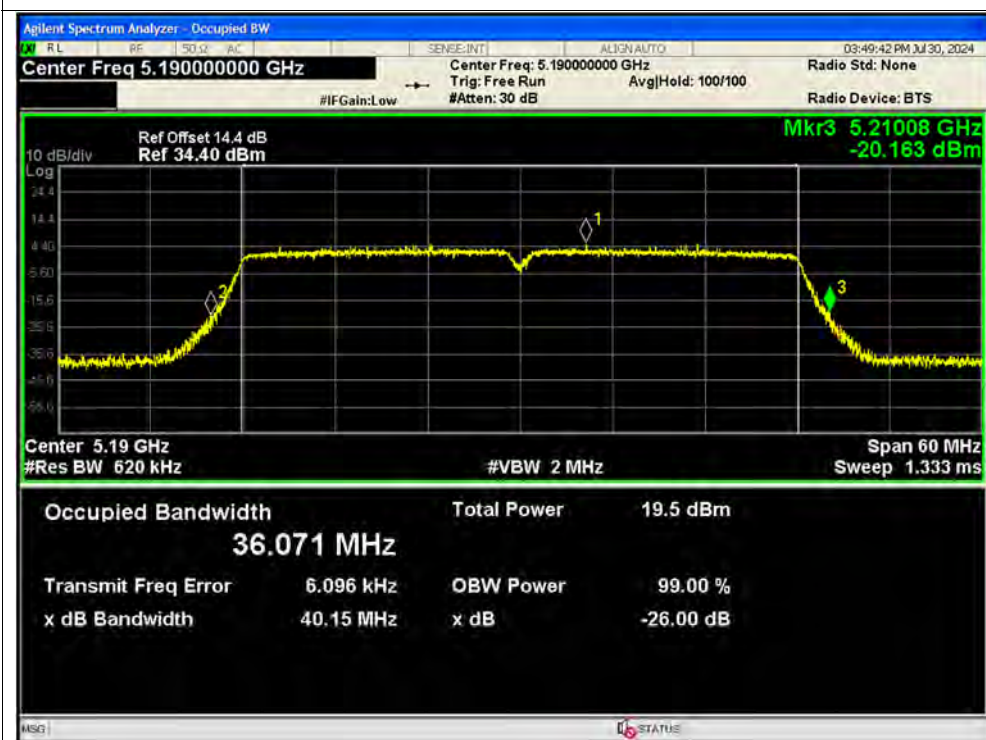
-26dB Bandwidth NVNT n40 5630MHz Ant1 SISO



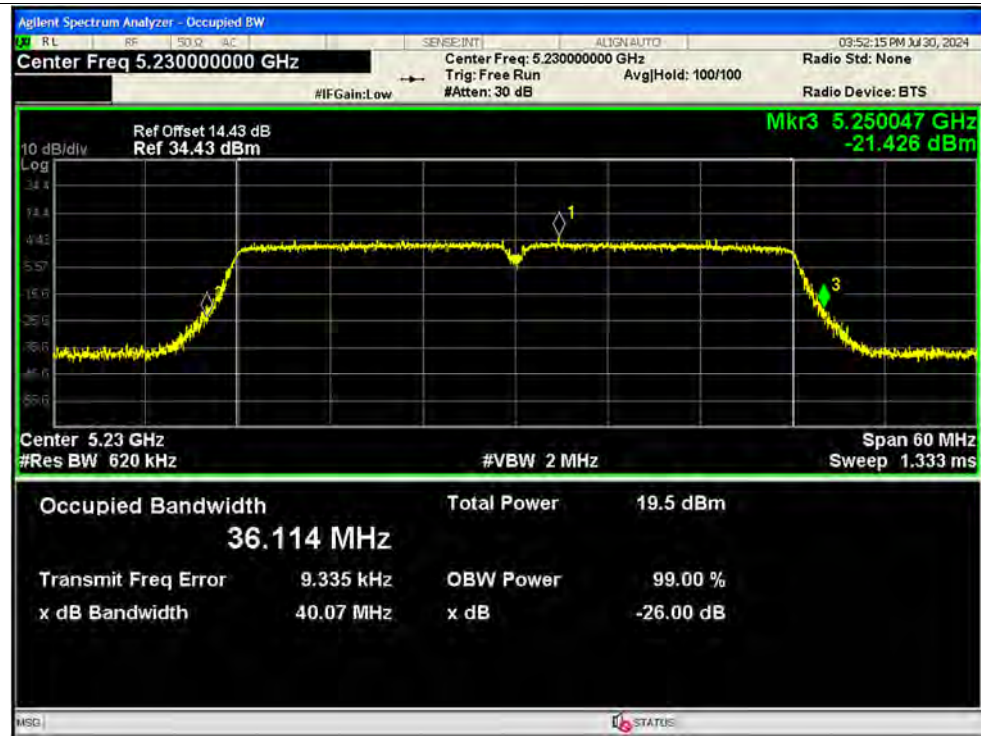
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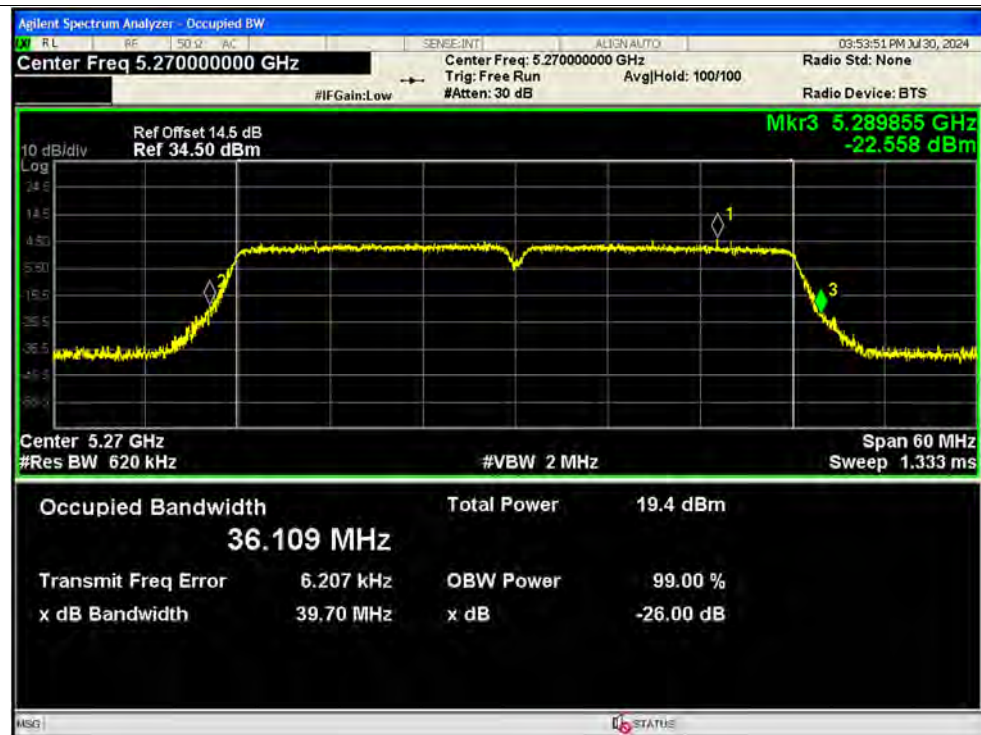
-26dB Bandwidth NVNT n40 5190MHz Ant2 SISO



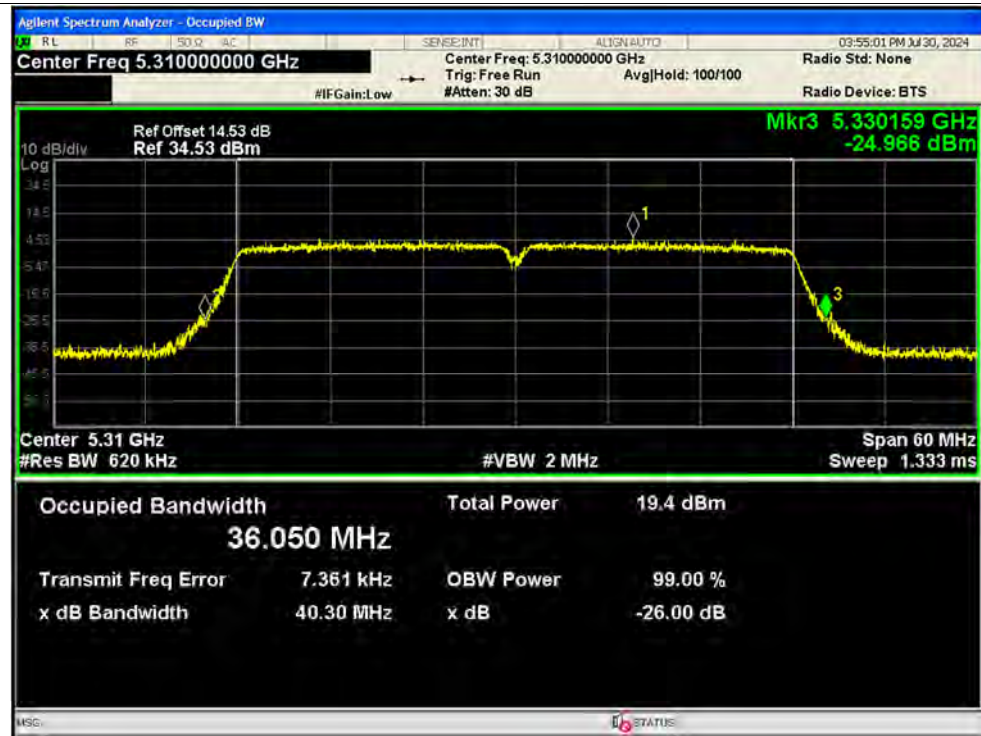
-26dB Bandwidth NVNT n40 5230MHz Ant2 SISO



-26dB Bandwidth NVNT n40 5270MHz Ant2 SISO



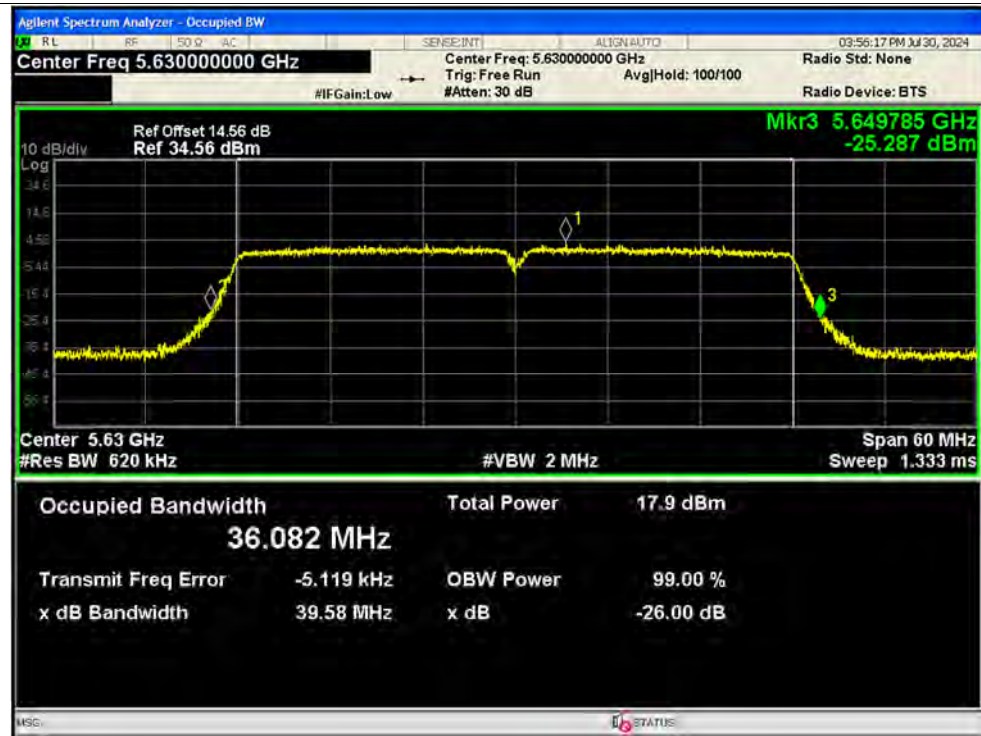
-26dB Bandwidth NVNT n40 5310MHz Ant2 SISO



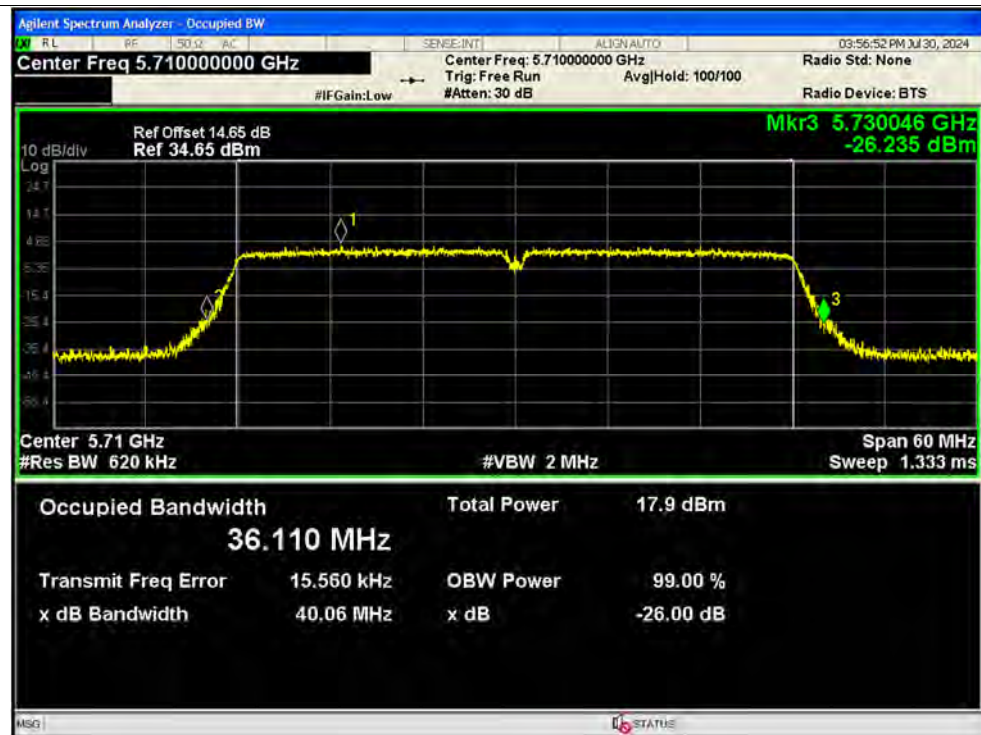
-26dB Bandwidth NVNT n40 5510MHz Ant2 SISO



-26dB Bandwidth NVNT n40 5630MHz Ant2 SISO



-26dB Bandwidth NVNT n40 5710MHz Ant2 SISO





-26dB Bandwidth NVNT ac20 5180MHz Ant1 SISO

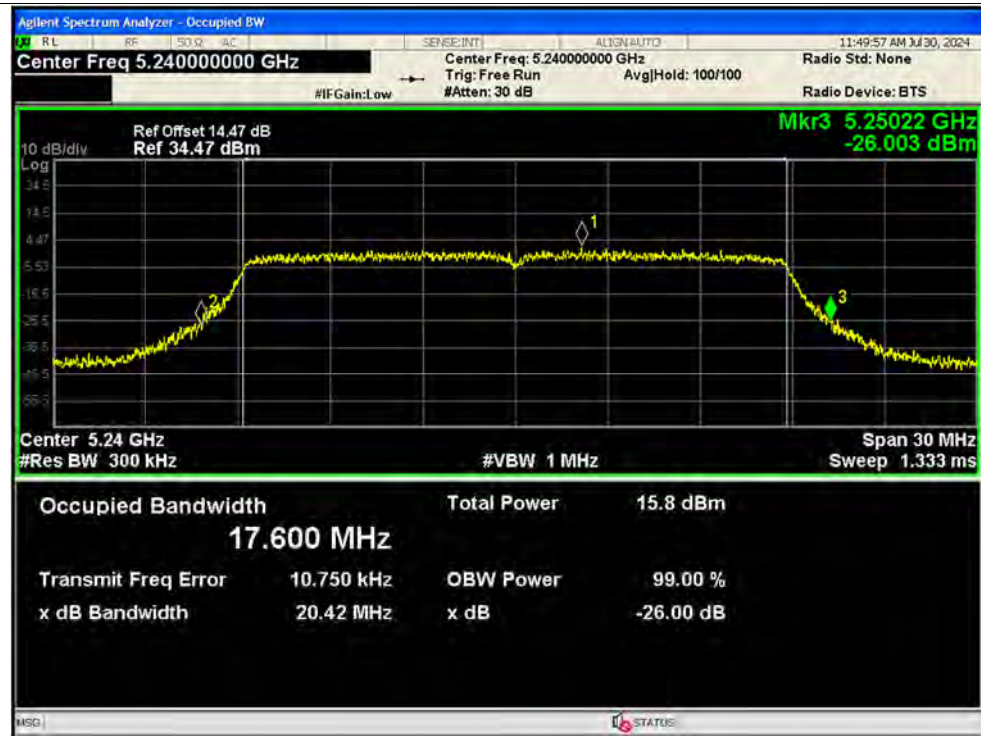


-26dB Bandwidth NVNT ac20 5220MHz Ant1 SISO





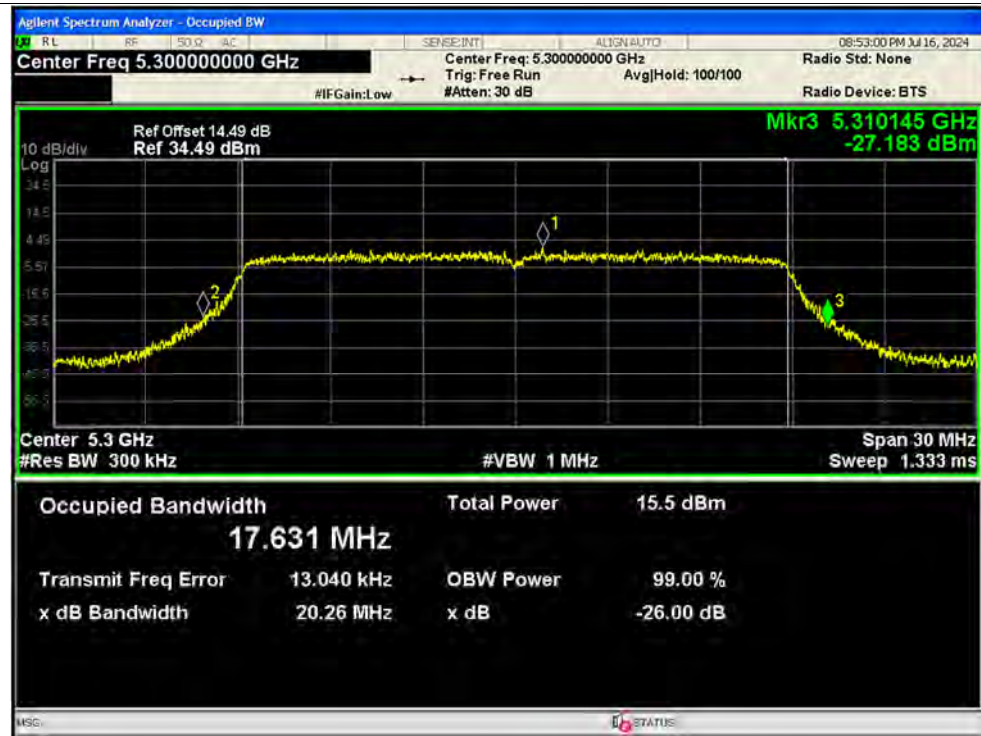
-26dB Bandwidth NVNT ac20 5240MHz Ant1 SISO



-26dB Bandwidth NVNT ac20 5260MHz Ant1 SISO



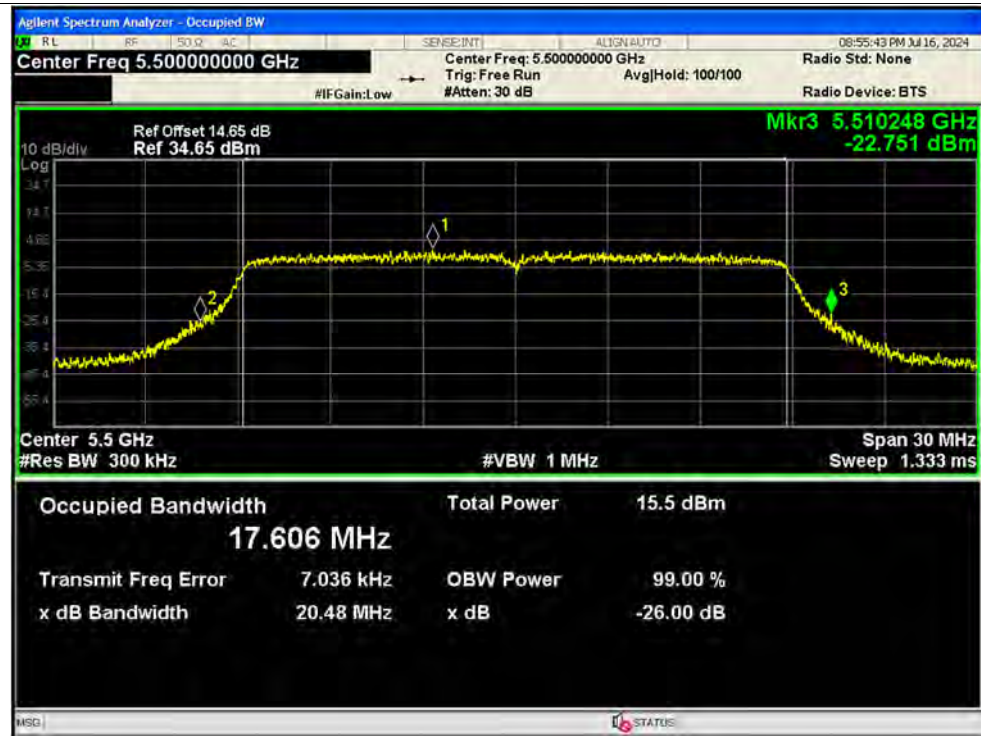
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-26dB Bandwidth NVNT ac20 5320MHz Ant1 SISO



-26dB Bandwidth NVNT ac20 5500MHz Ant1 SISO

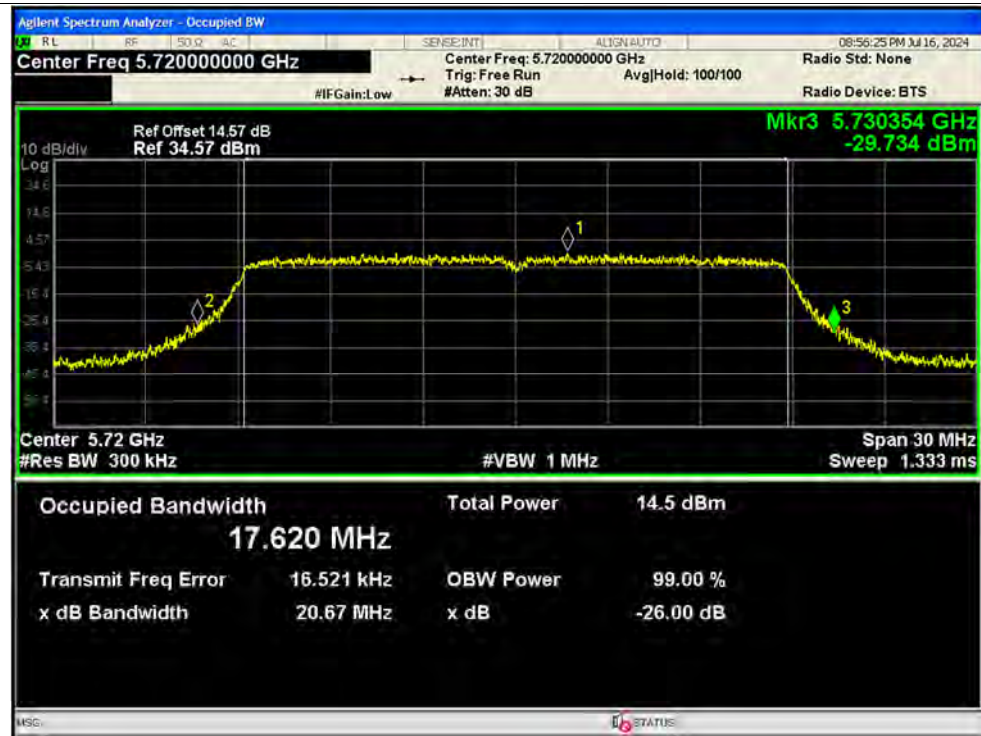


-26dB Bandwidth NVNT ac20 5600MHz Ant1 SISO

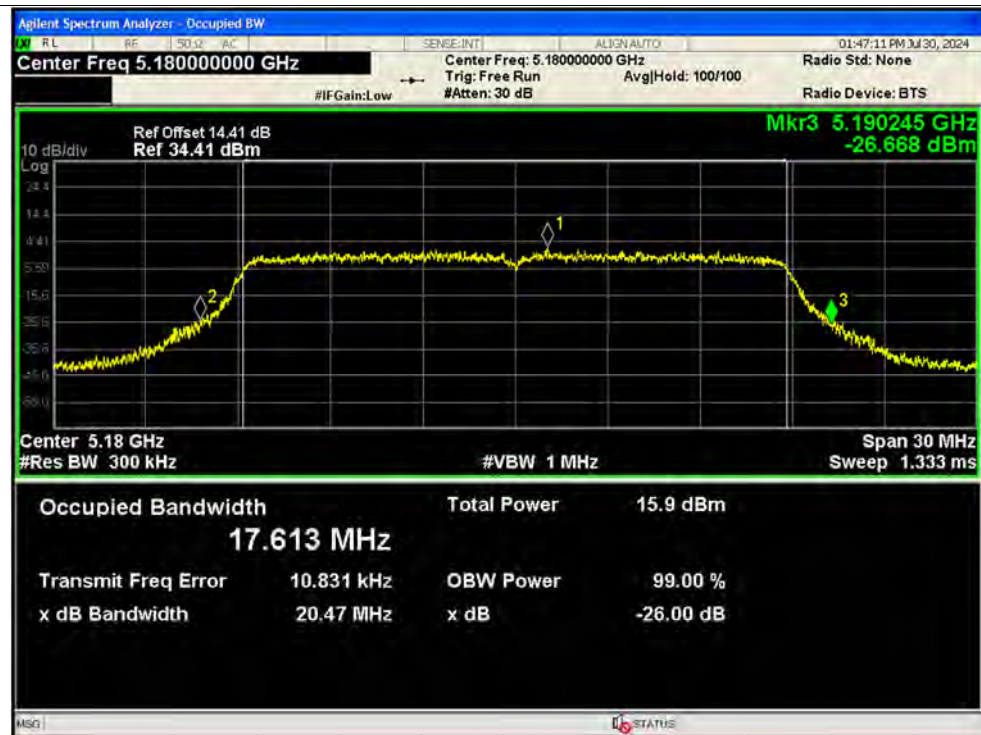




-26dB Bandwidth NVNT ac20 5720MHz Ant1 SISO

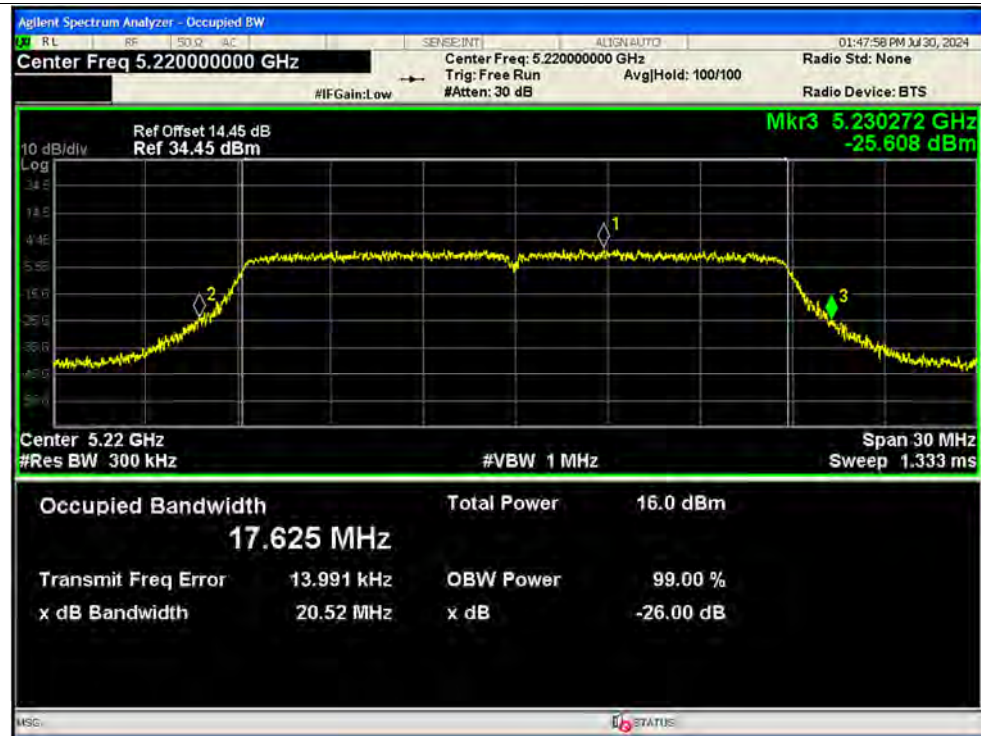


-26dB Bandwidth NVNT ac20 5180MHz Ant2 SISO





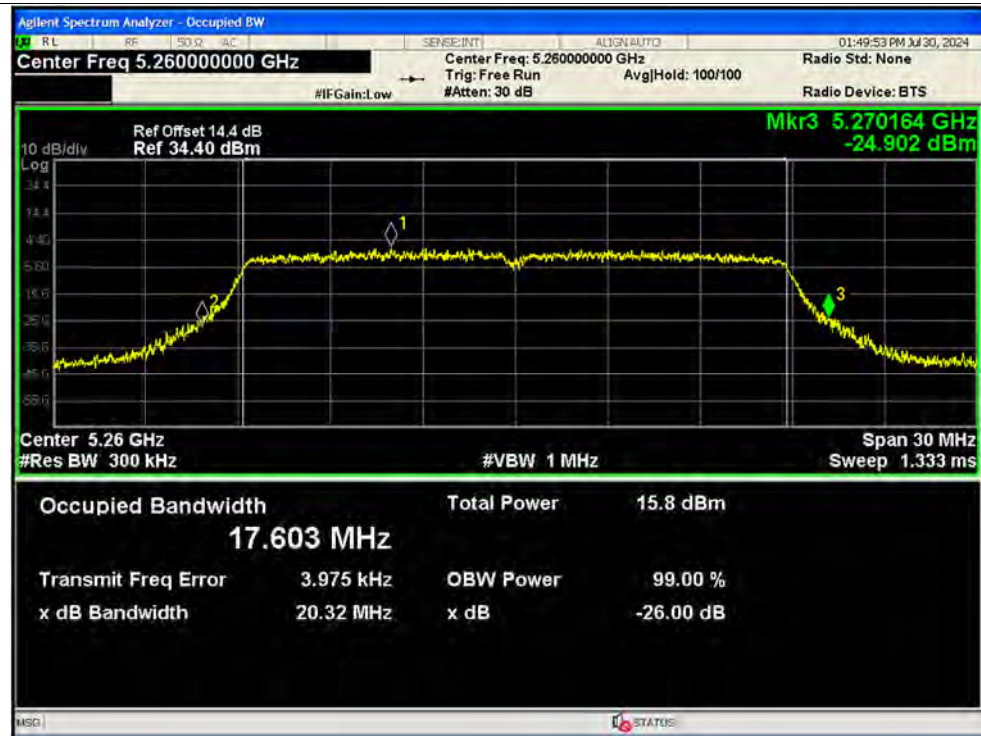
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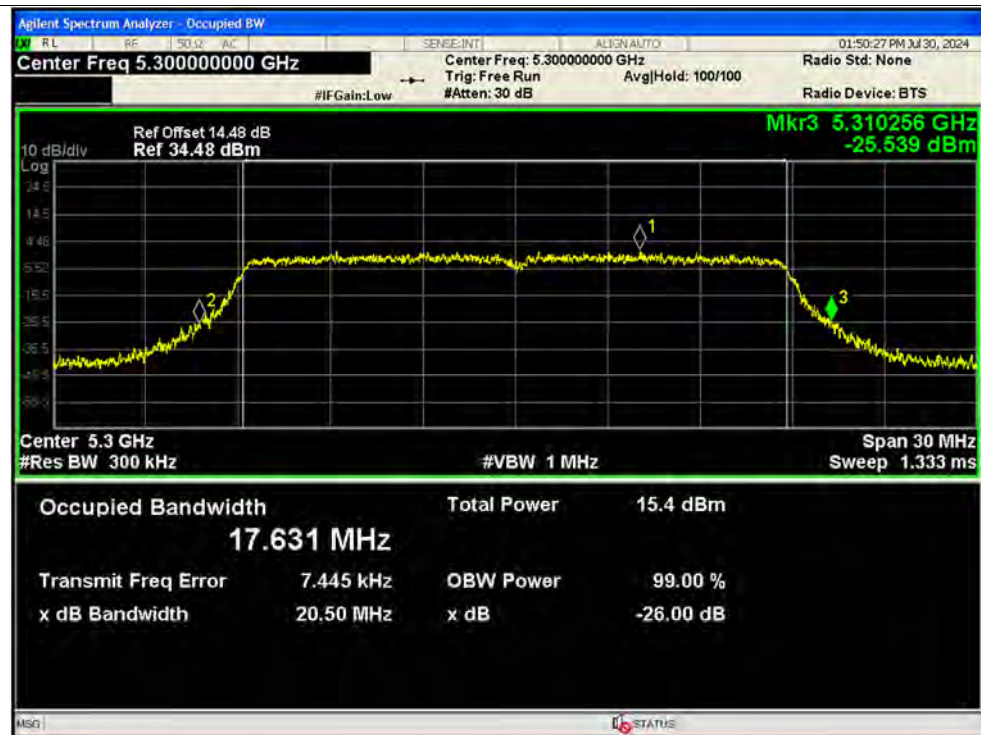
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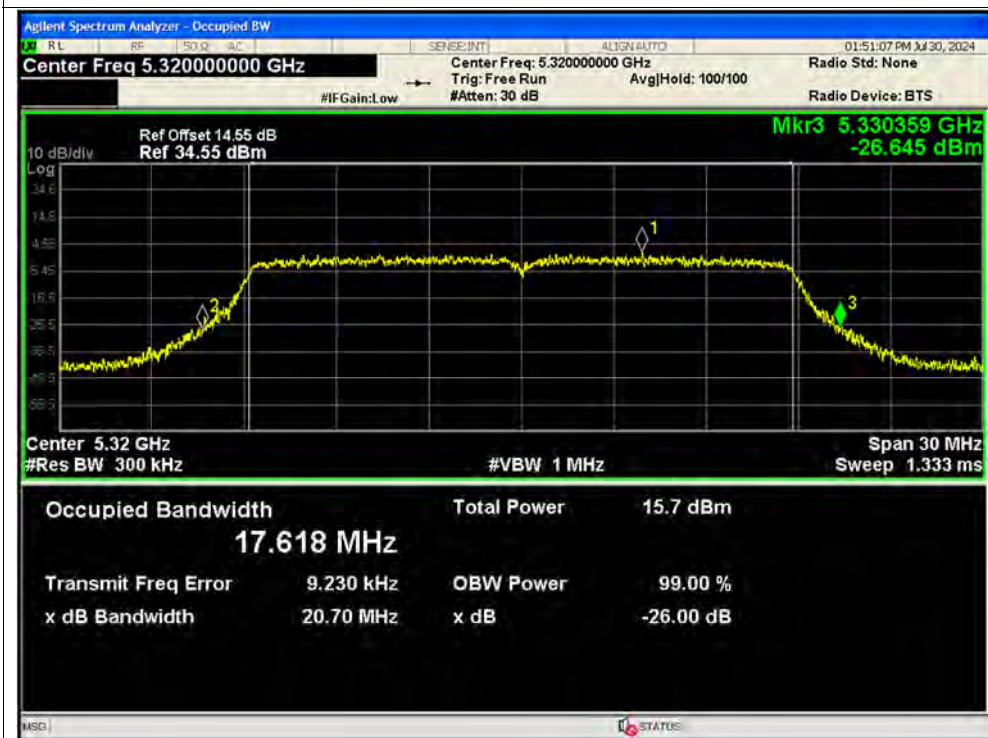
-26dB Bandwidth NVNT ac20 5260MHz Ant2 SISO



-26dB Bandwidth NVNT ac20 5300MHz Ant2 SISO



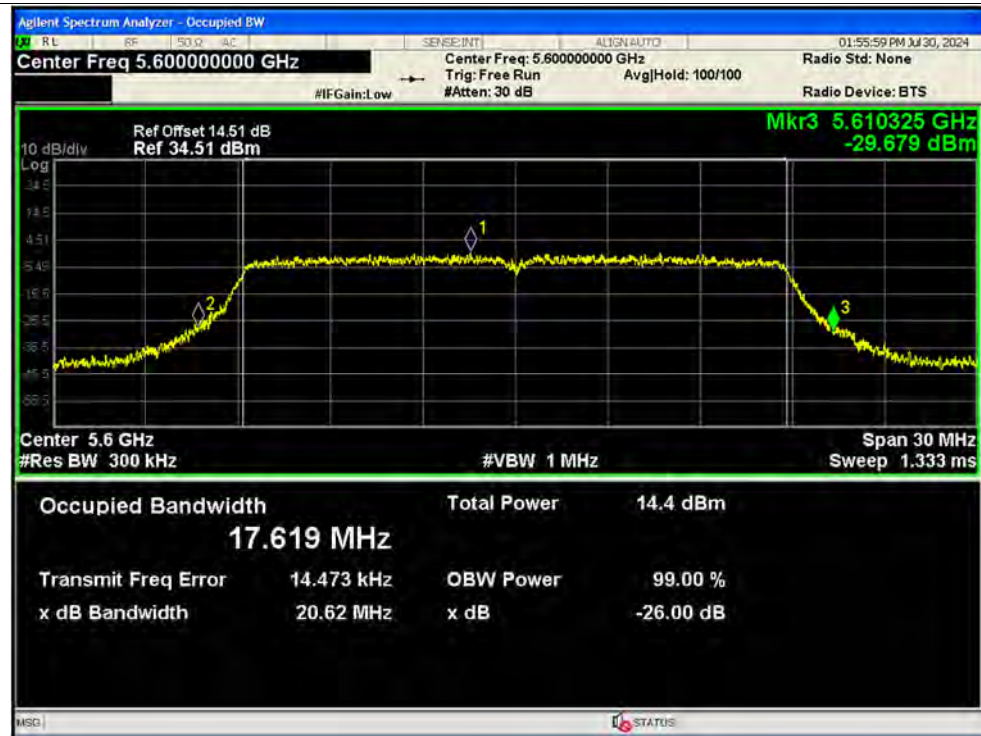
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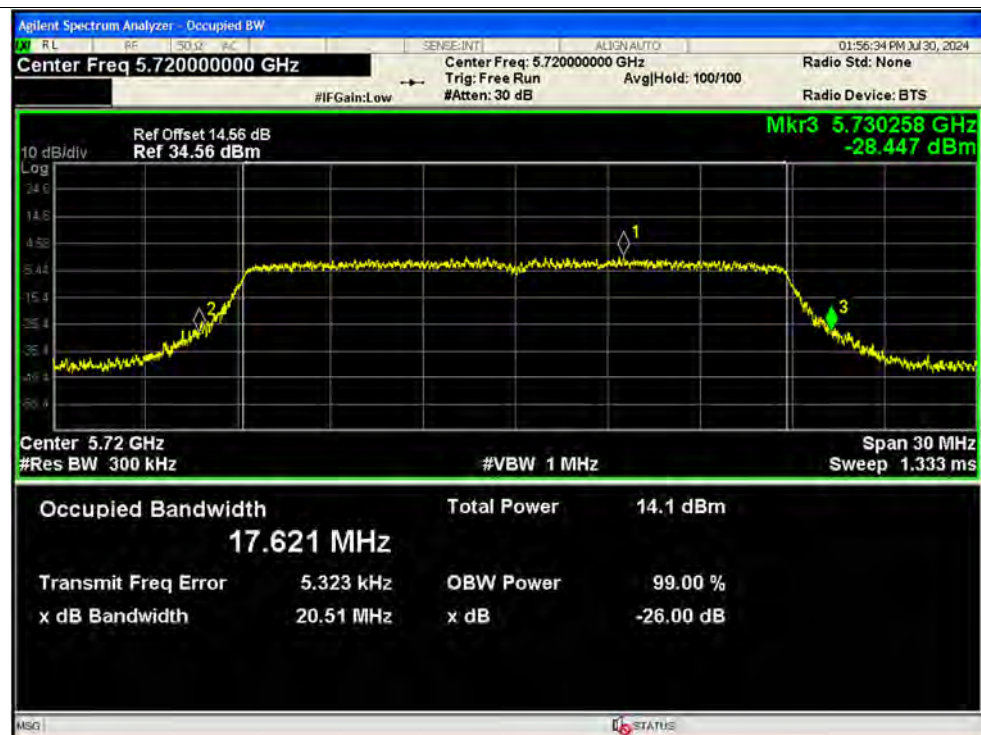
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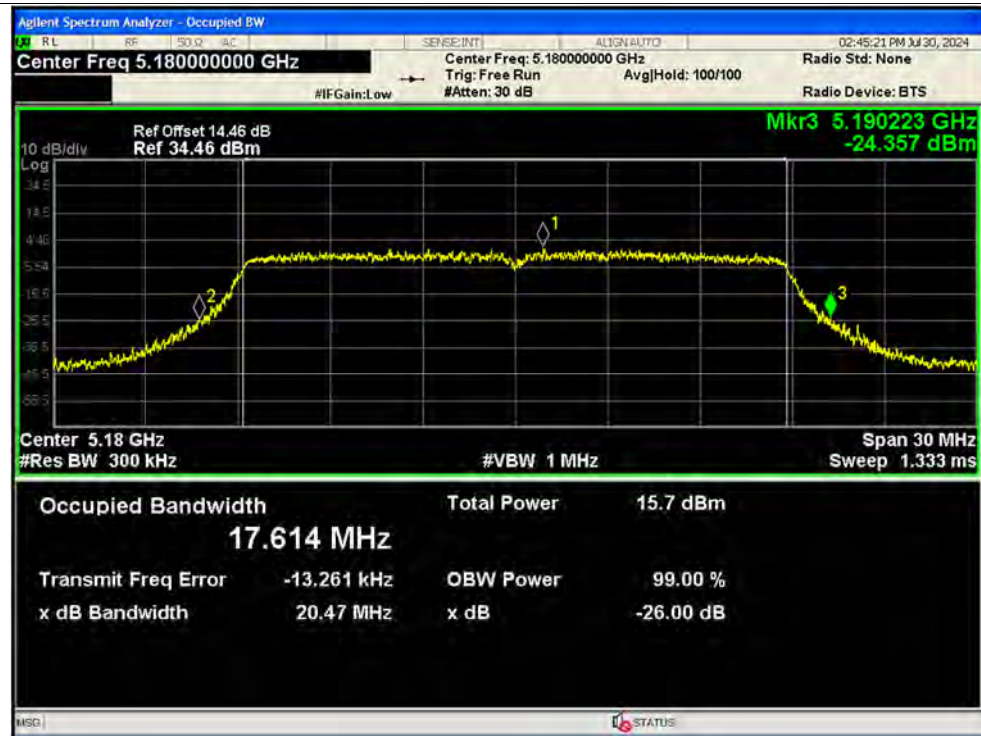
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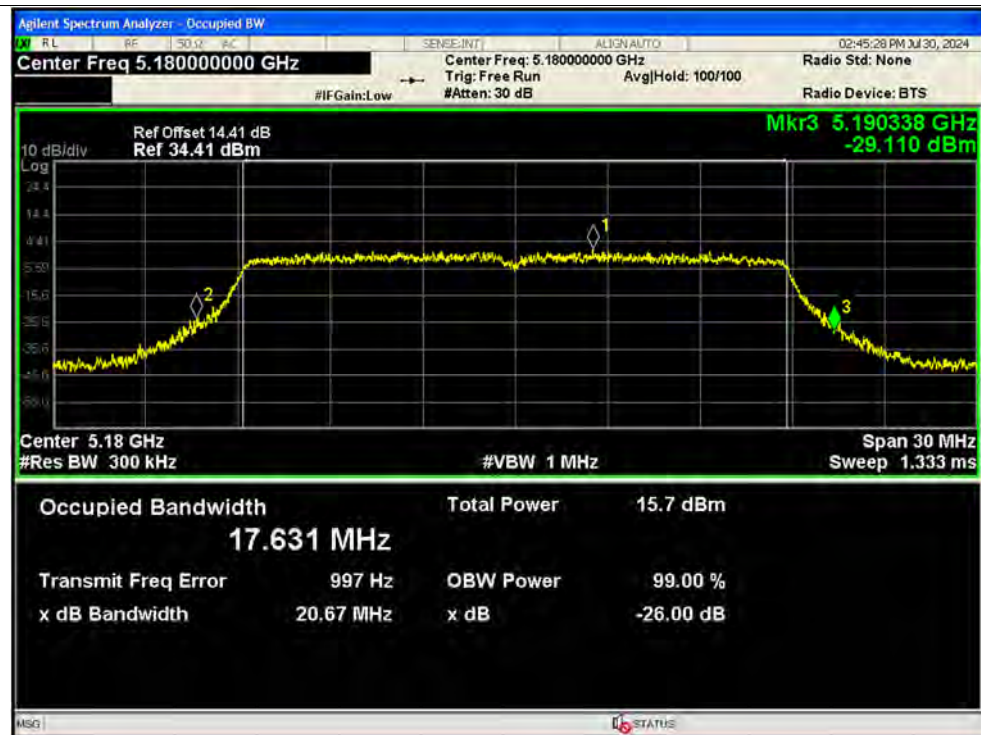
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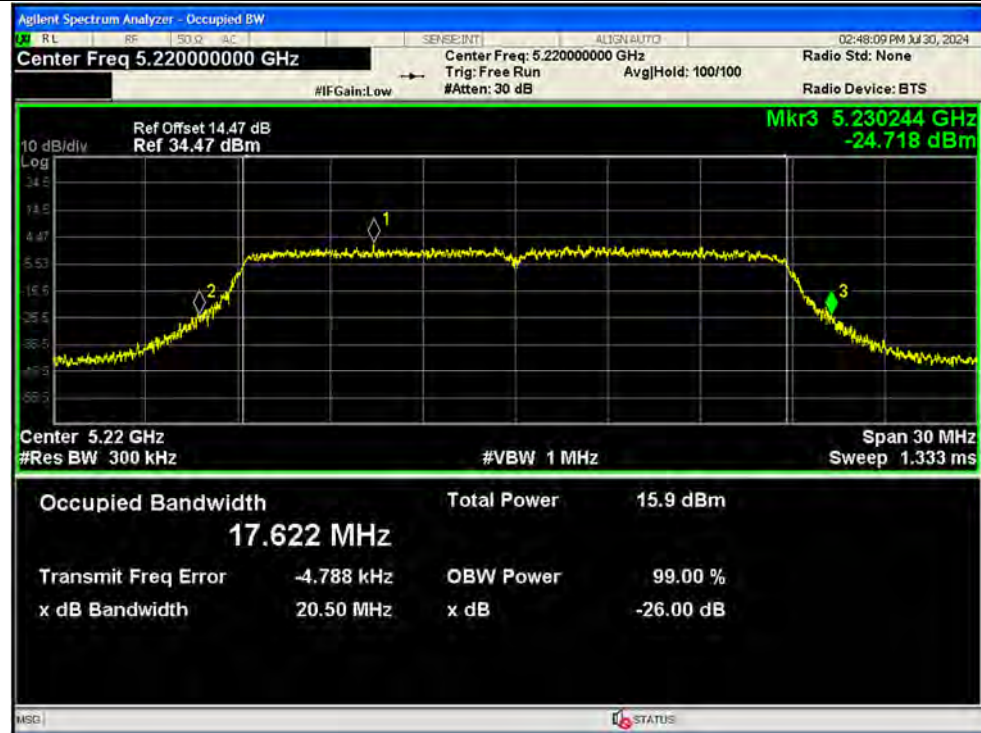
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-26dB Bandwidth NVNT ac20 5180MHz Ant2 MIMO



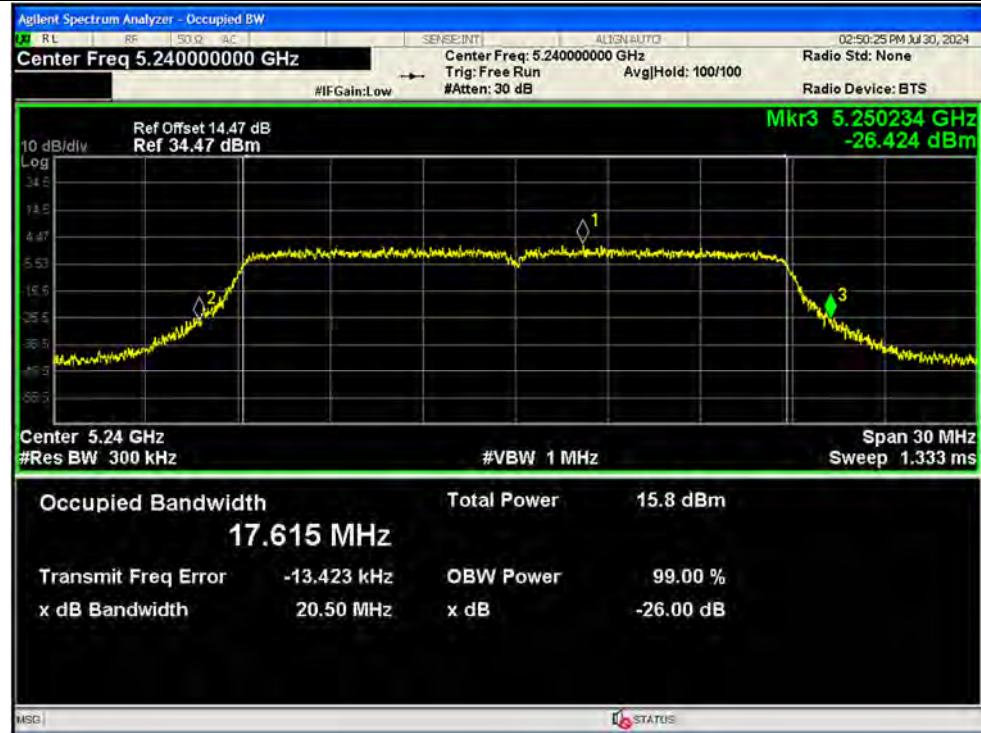
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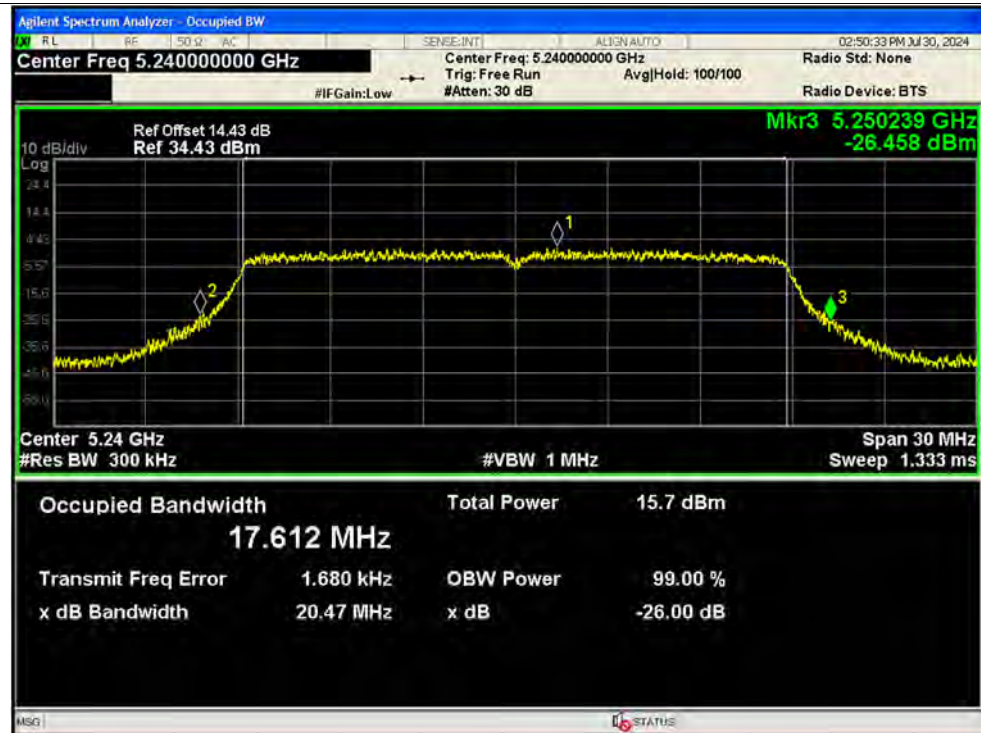
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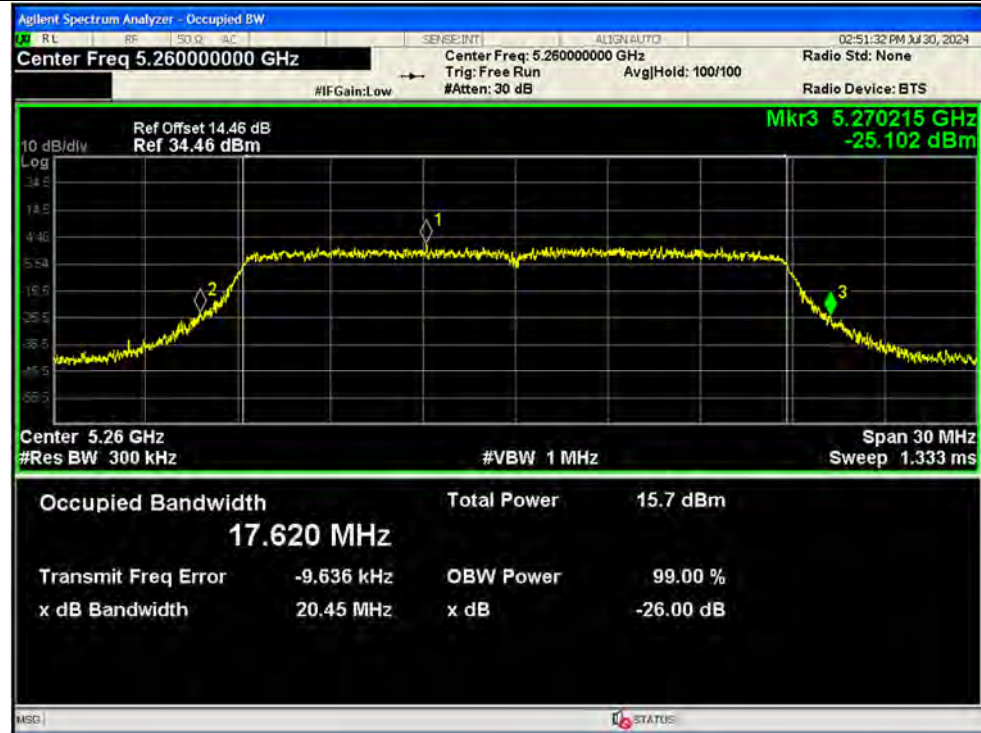
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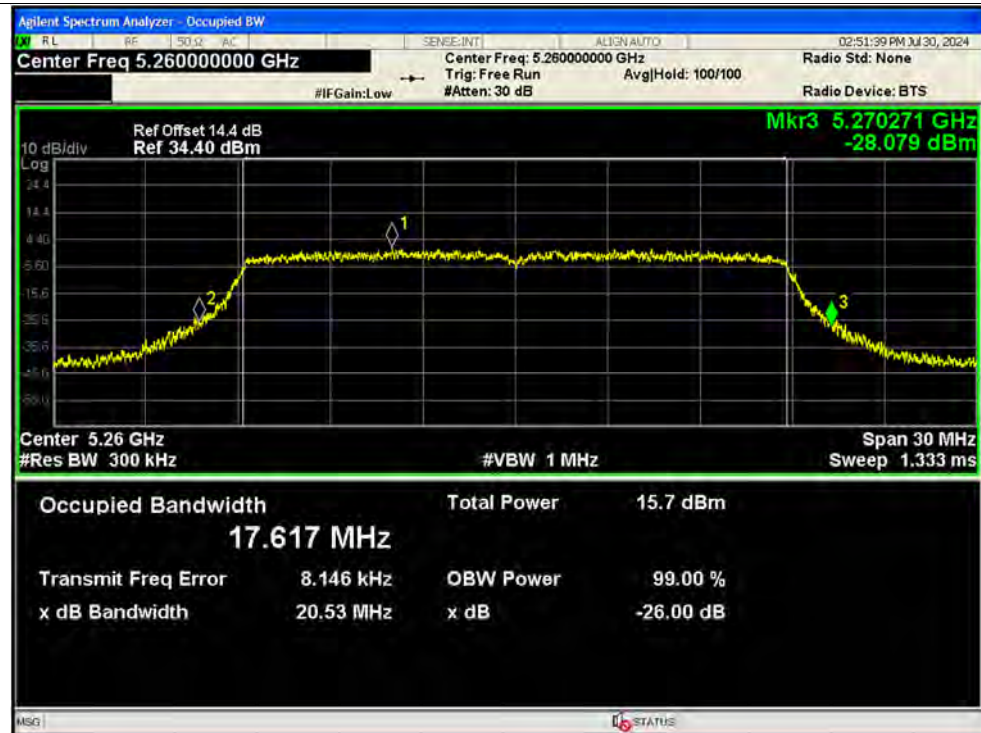
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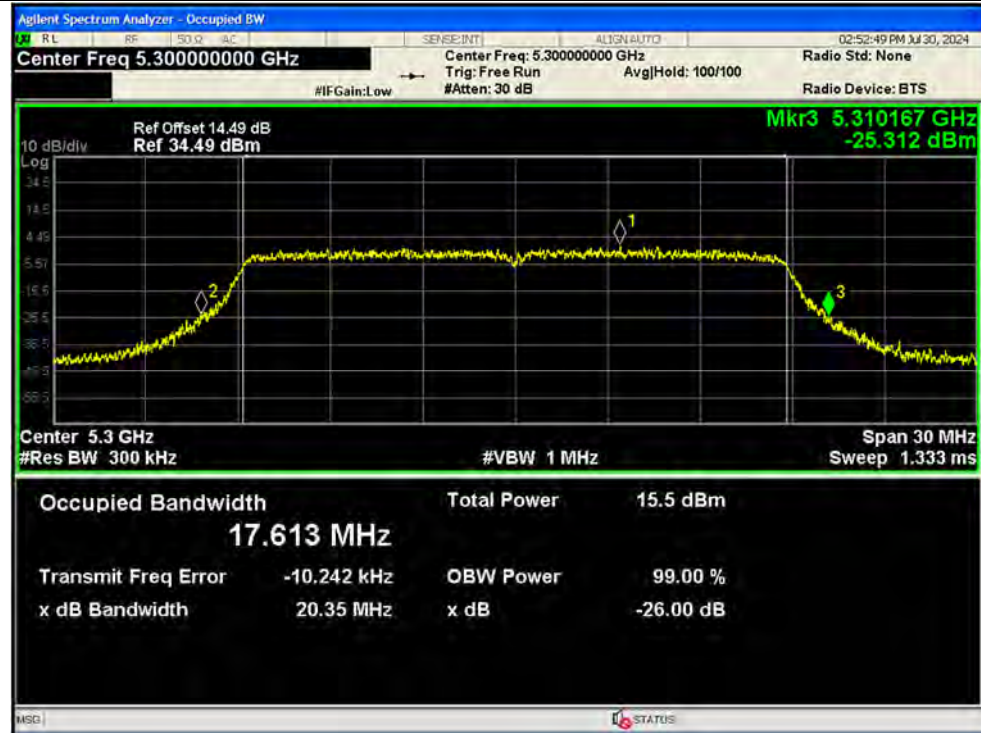
-26dB Bandwidth NVNT ac20 5260MHz Ant1 MIMO



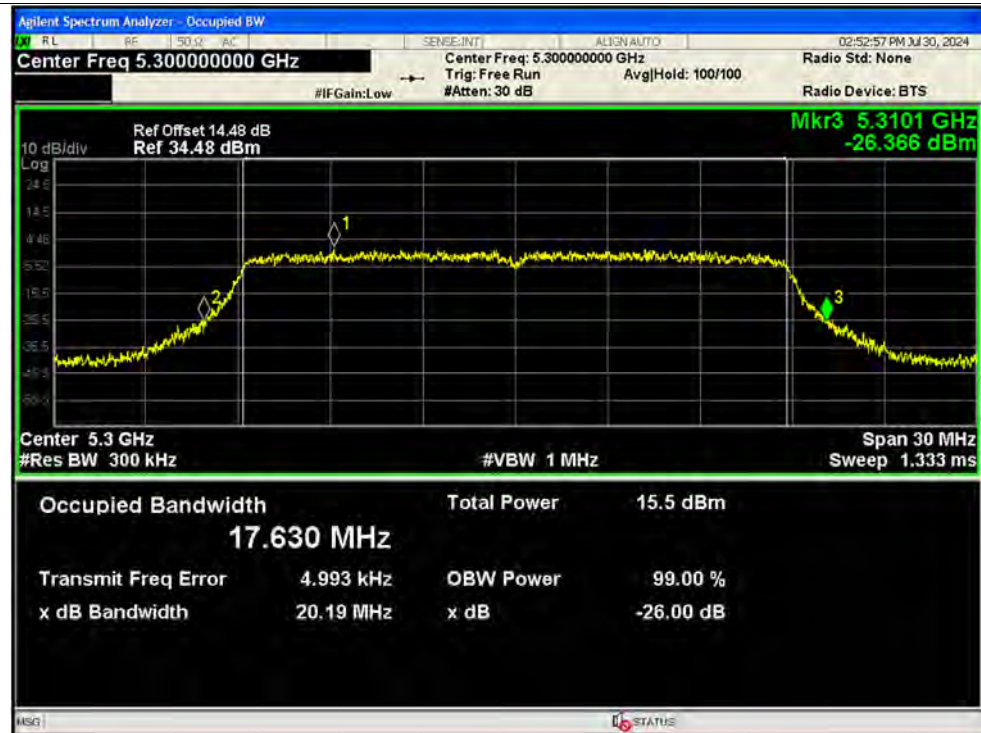
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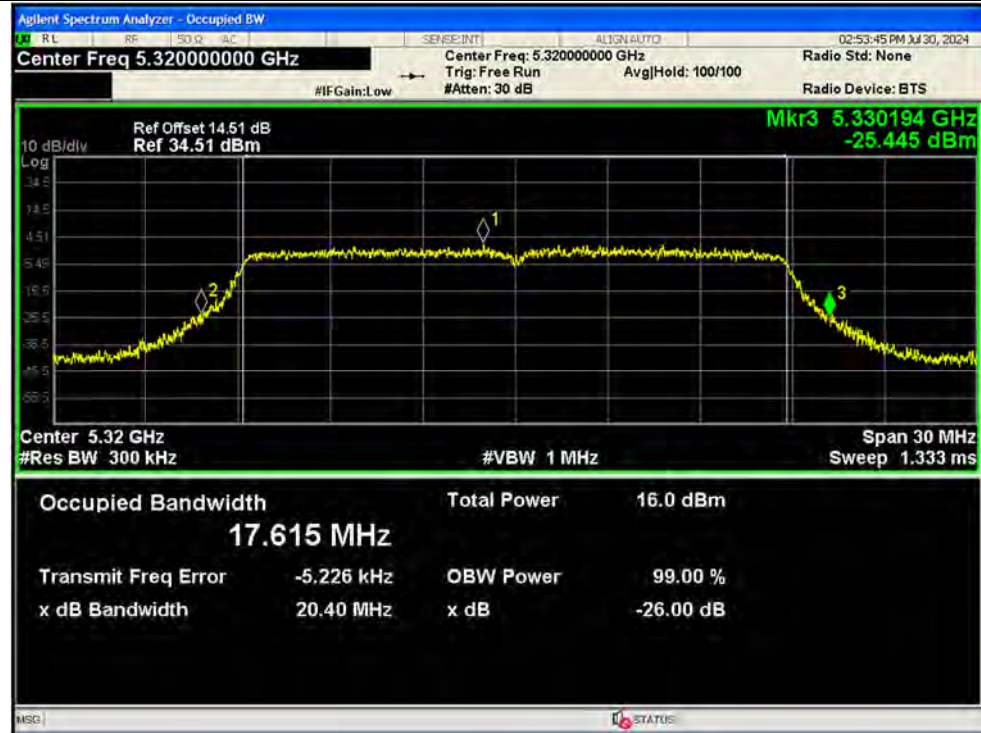
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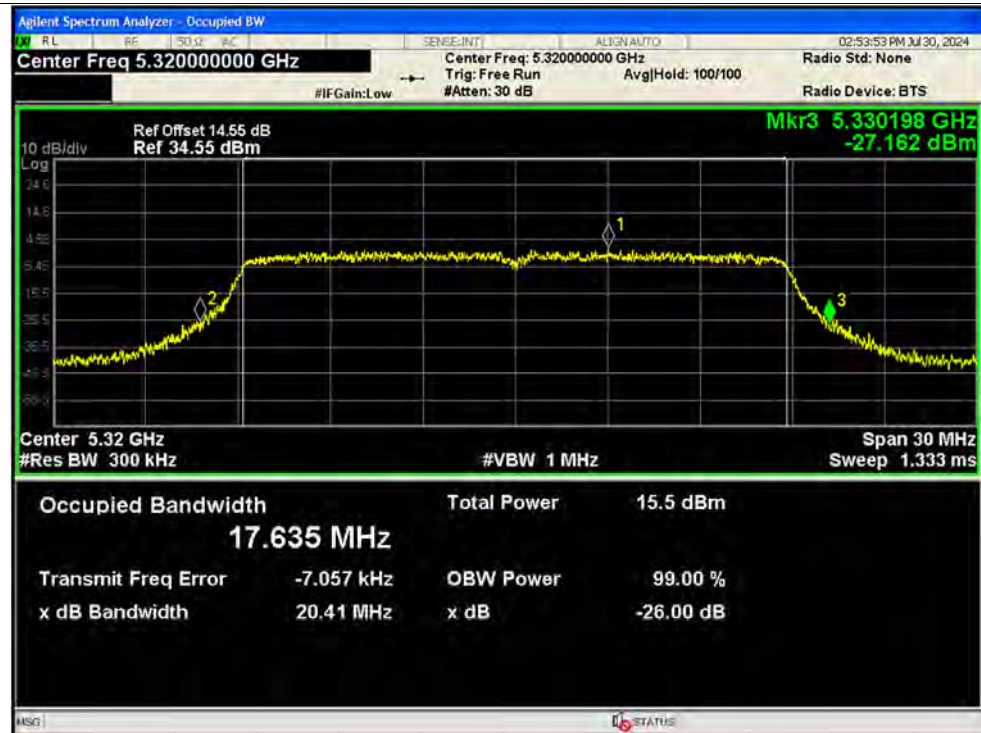
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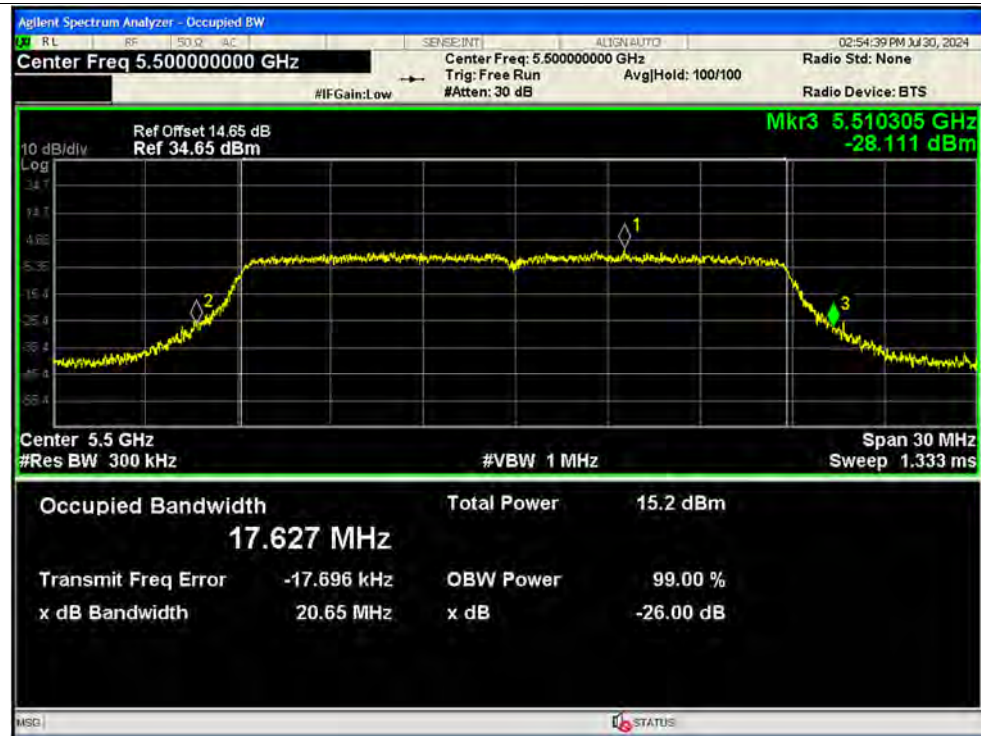
-26dB Bandwidth NVNT ac20 5320MHz Ant1 MIMO



-26dB Bandwidth NVNT ac20 5320MHz Ant2 MIMO



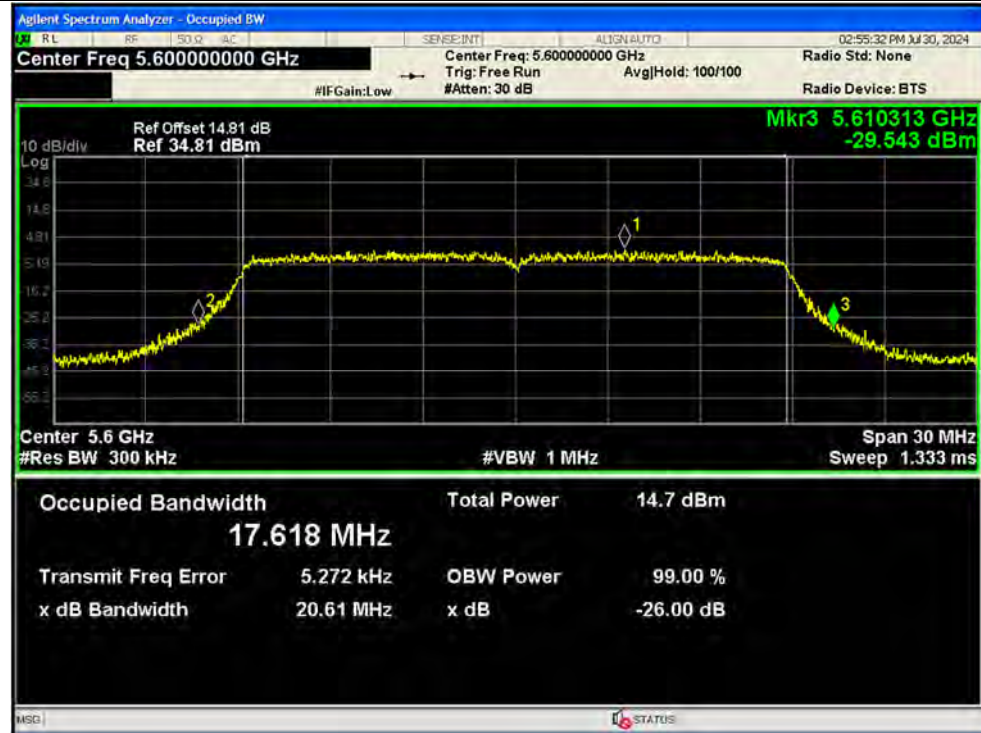
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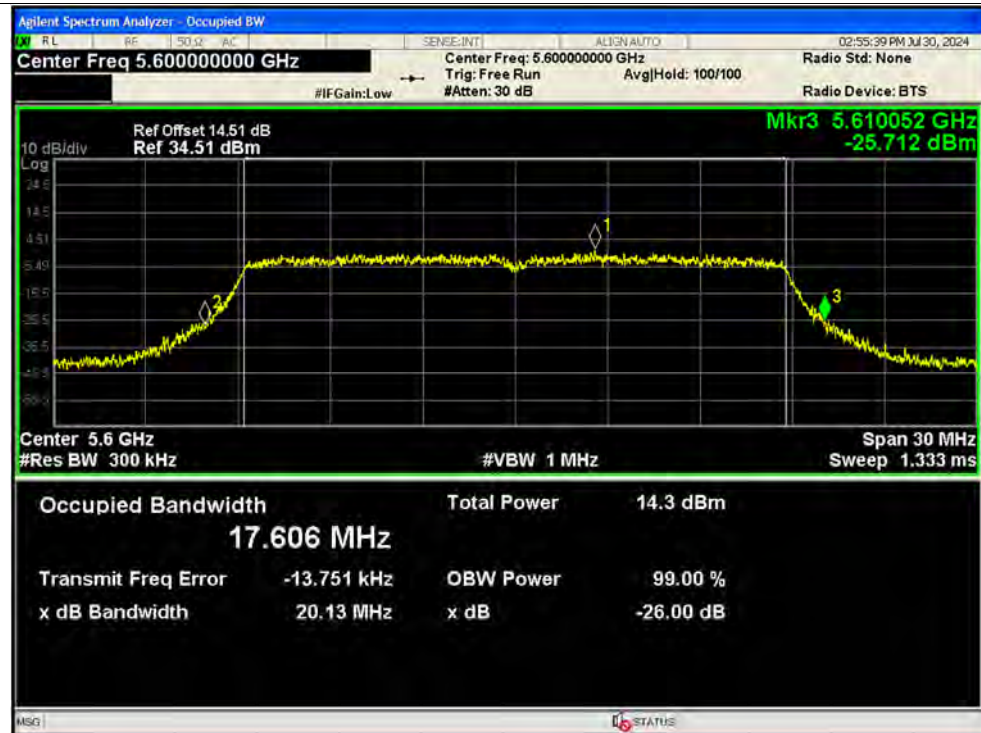
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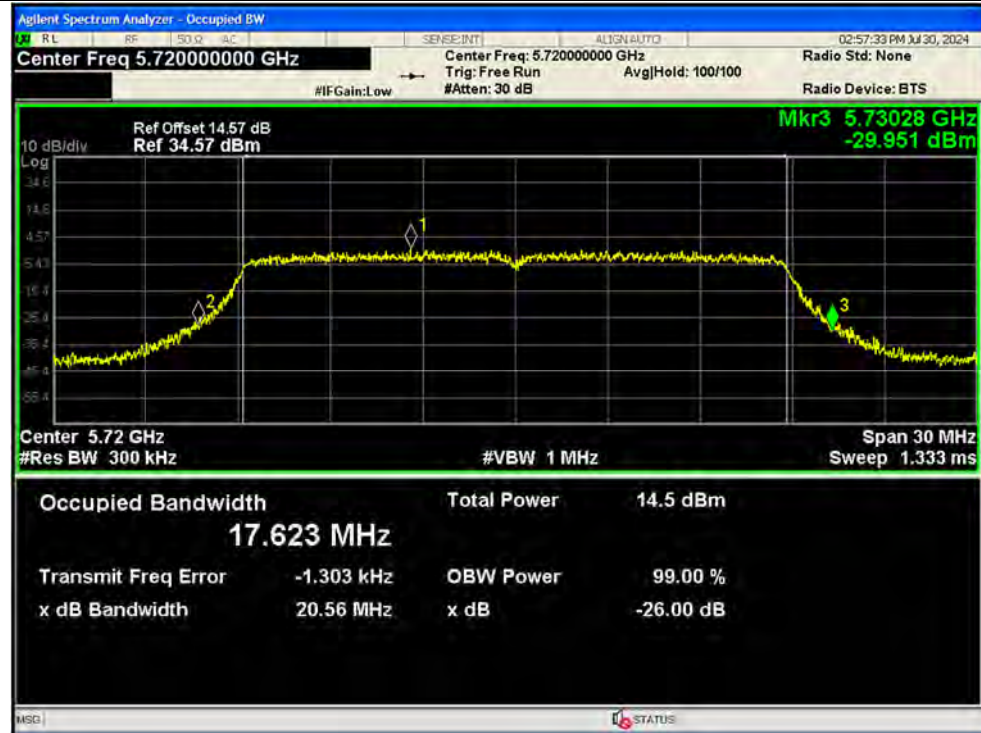
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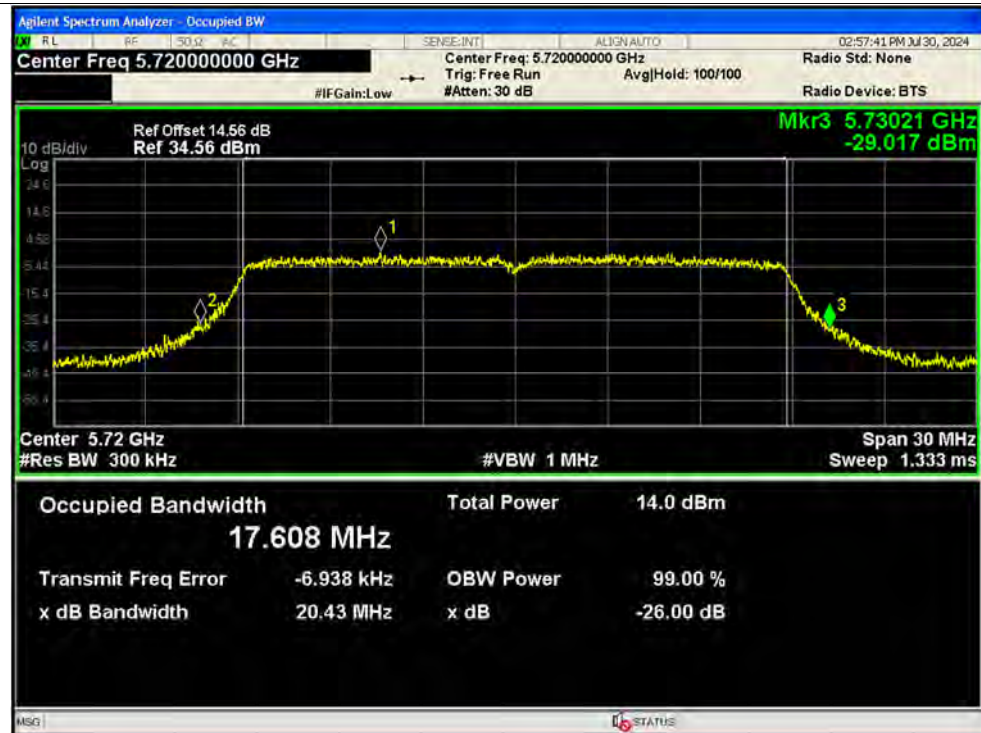
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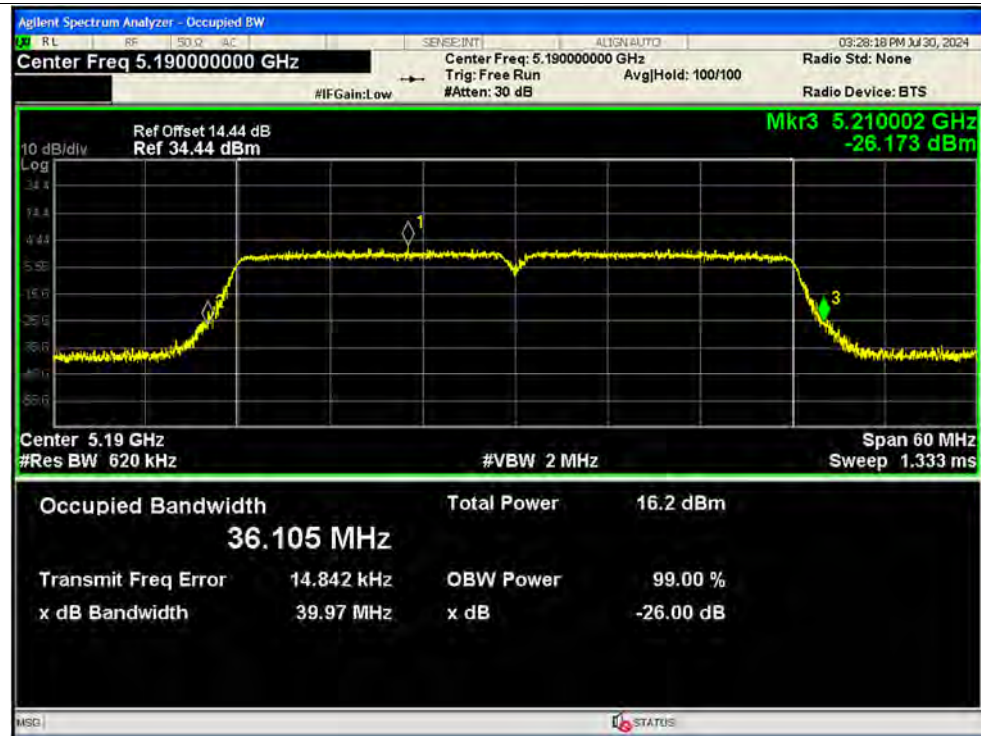
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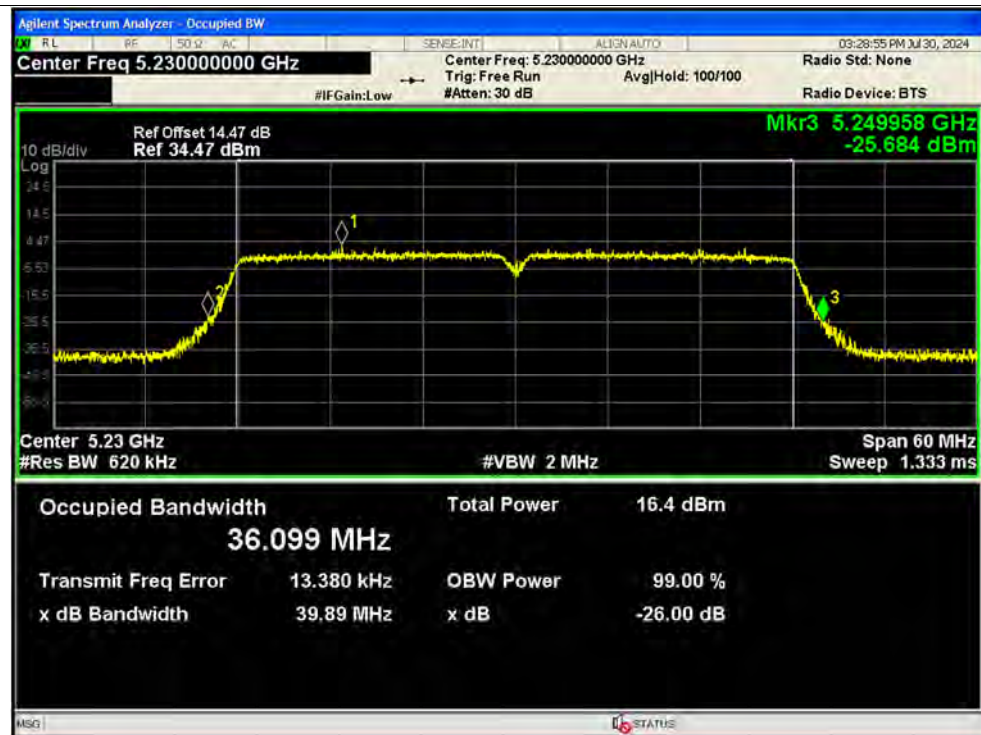
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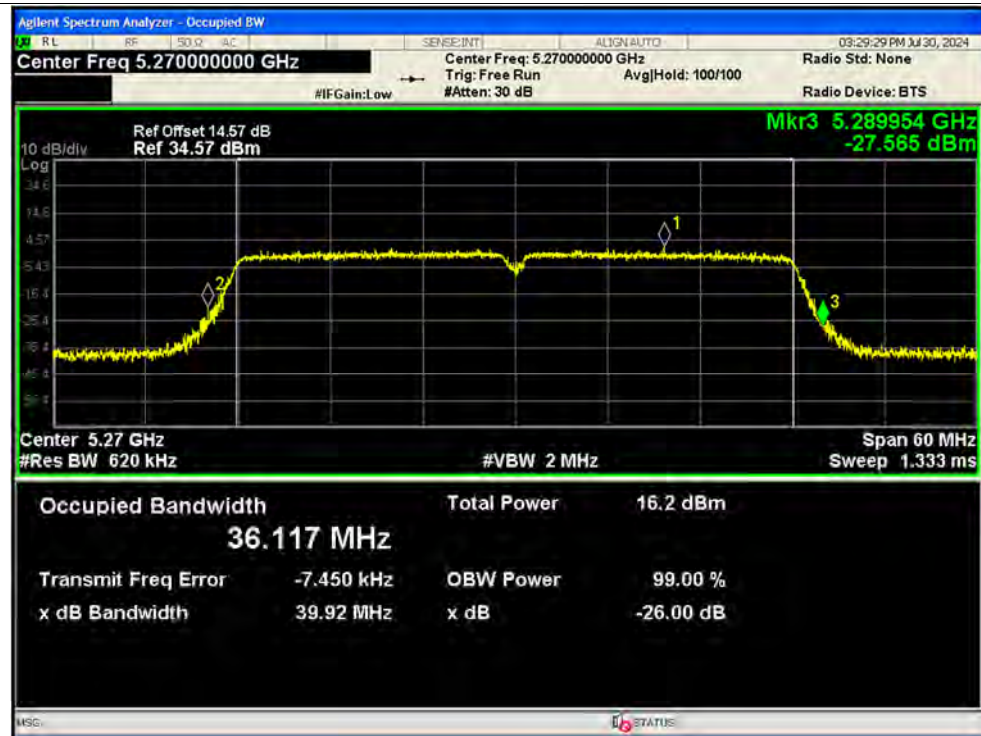
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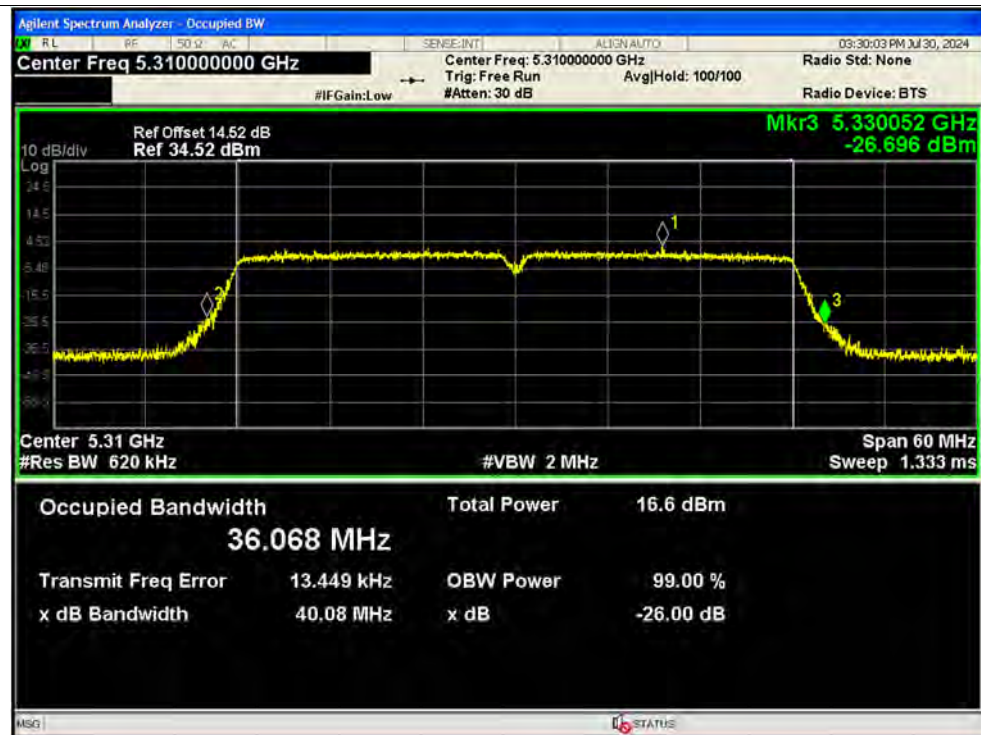
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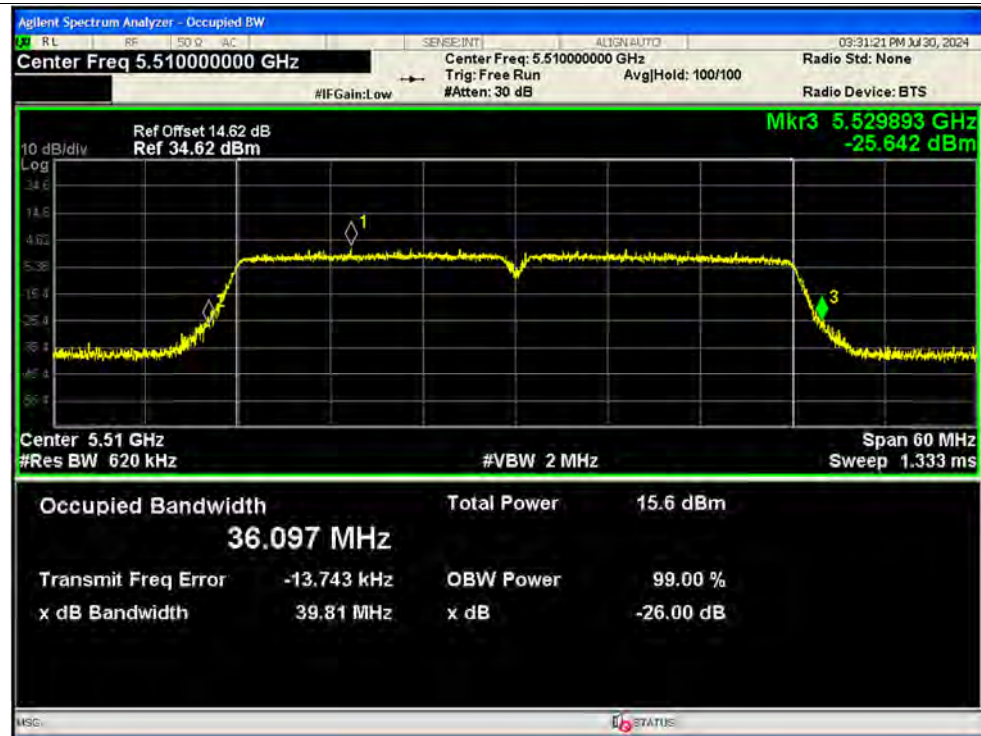
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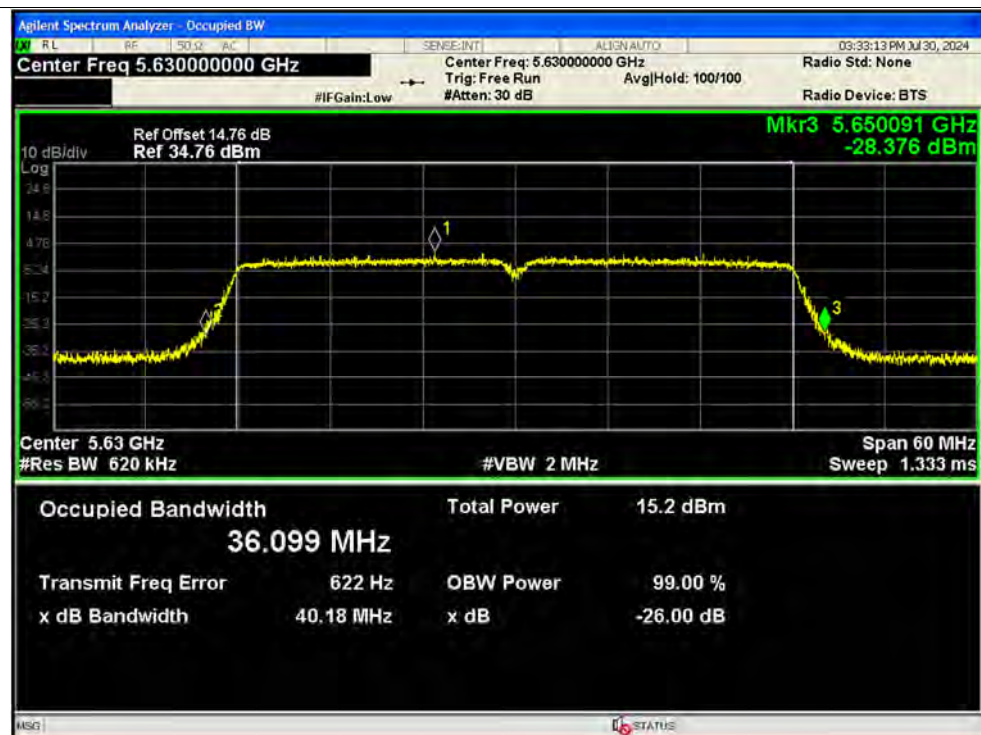
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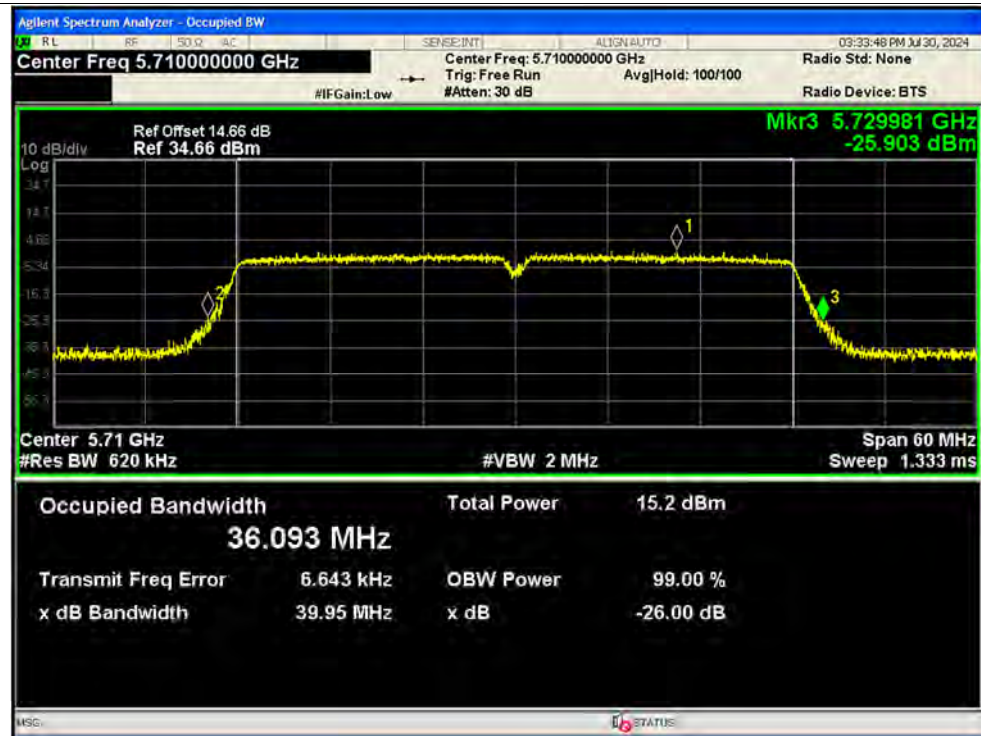
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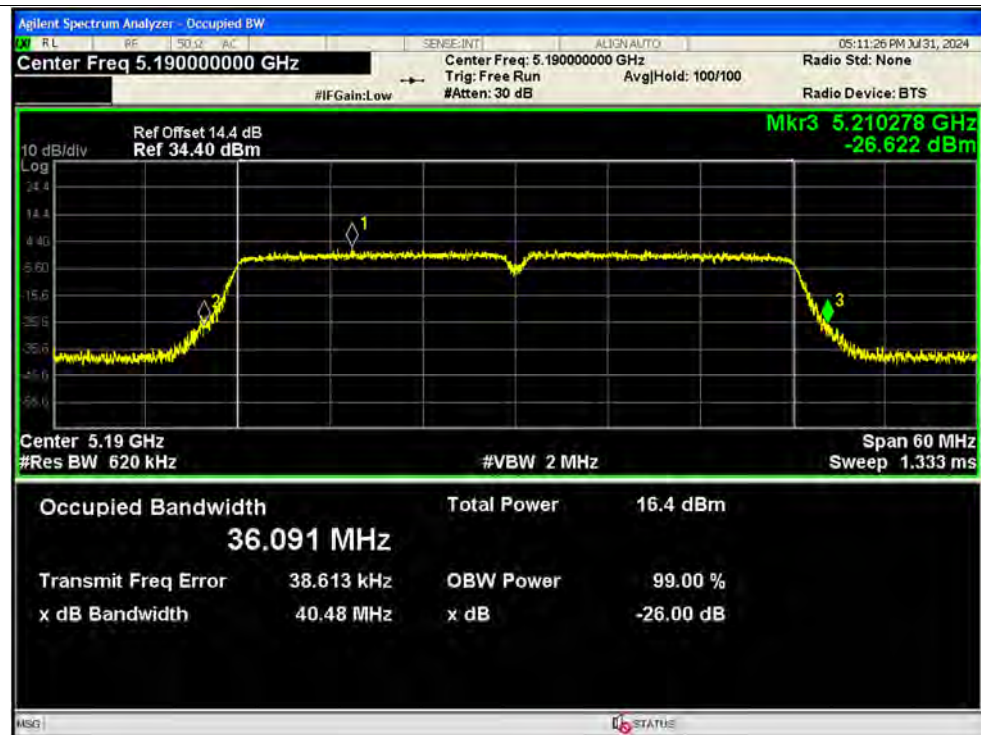
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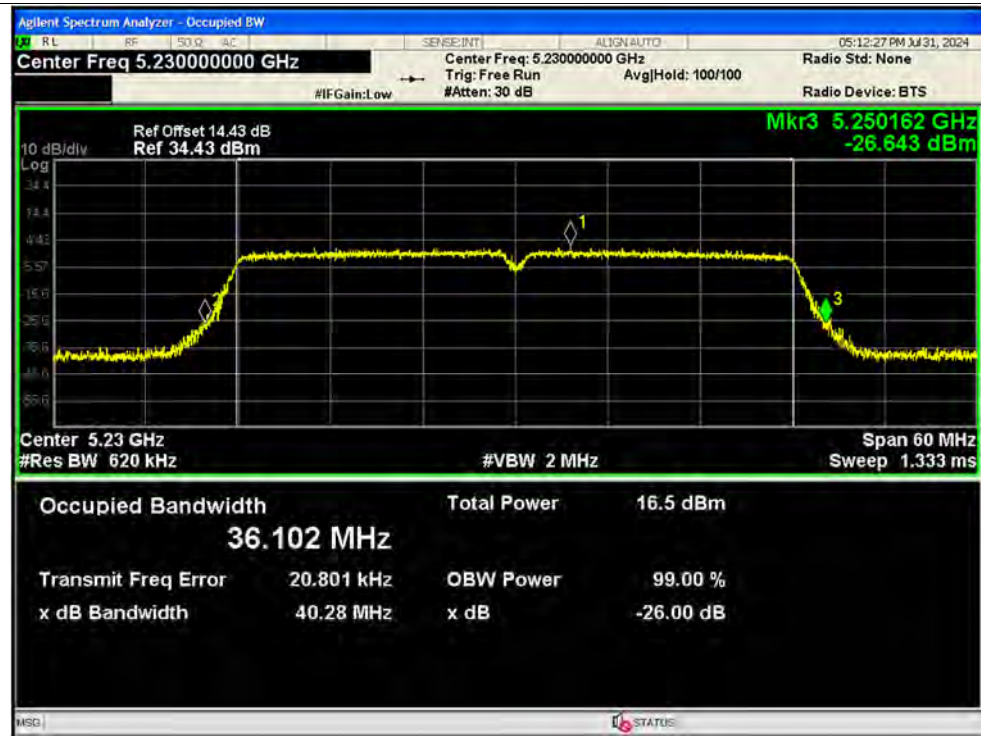
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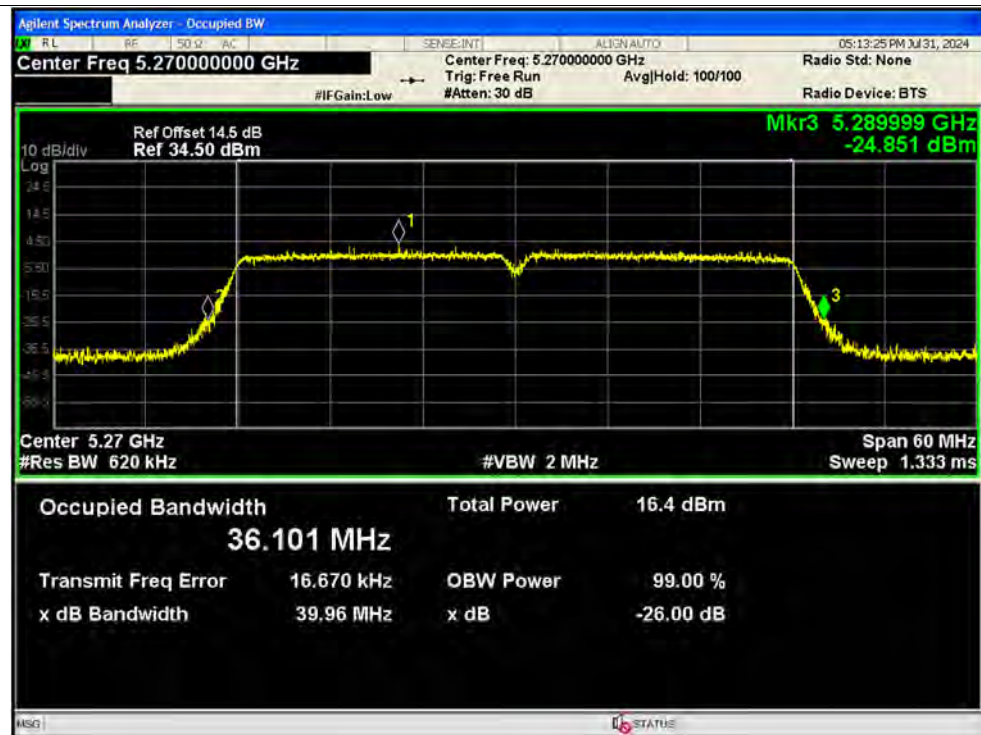
-26dB Bandwidth NVNT ac40 5190MHz Ant2 SISO



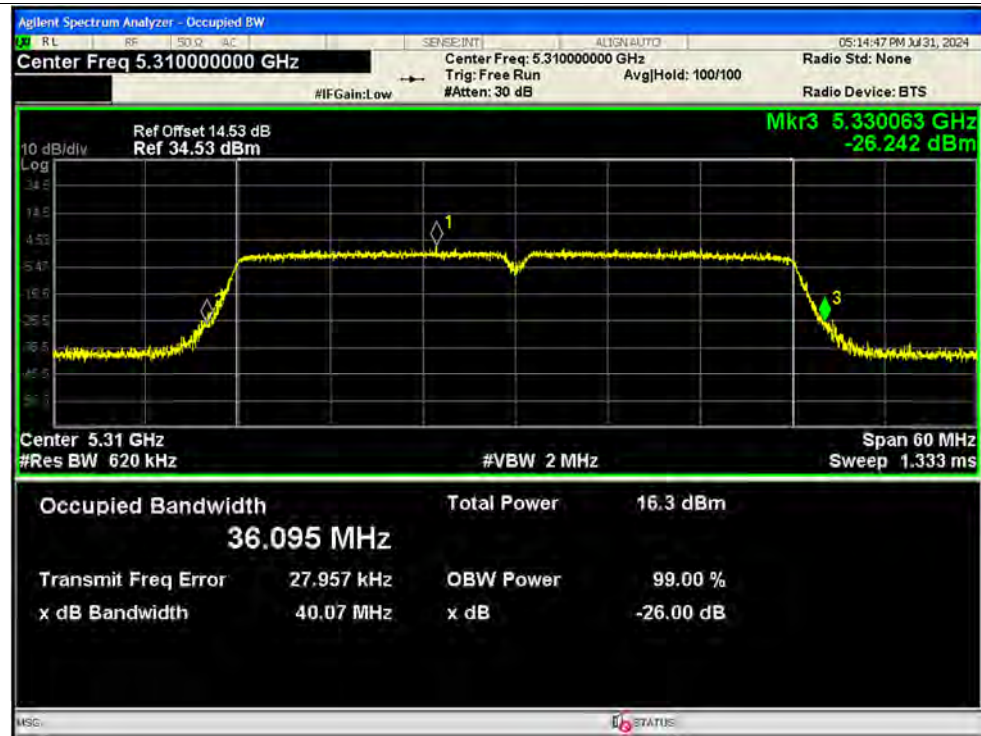
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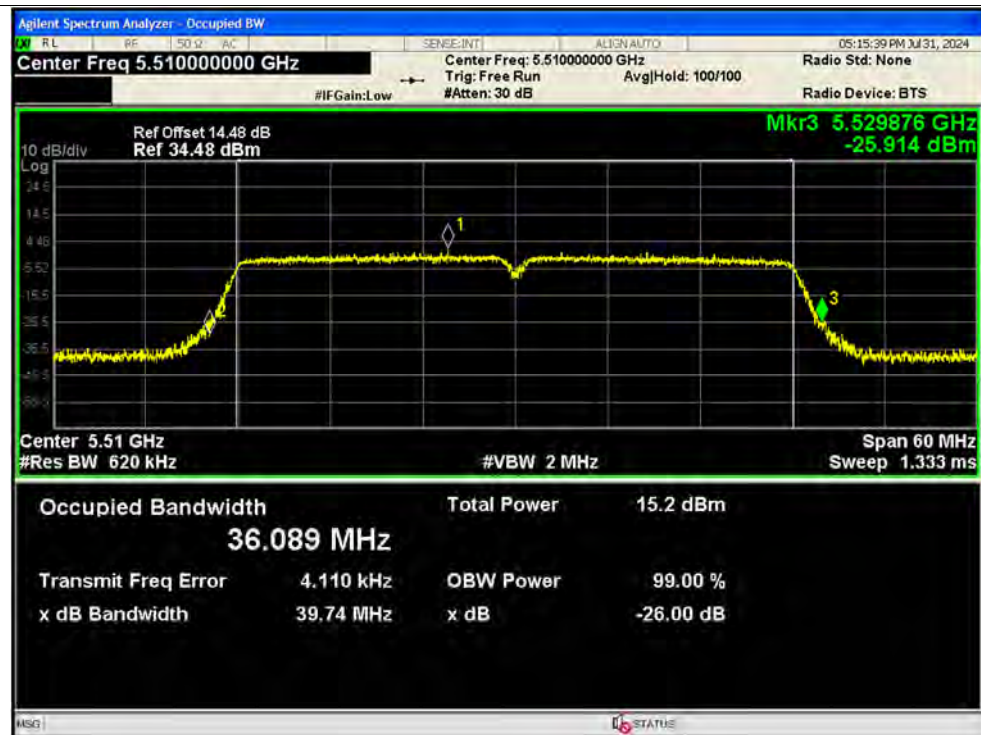
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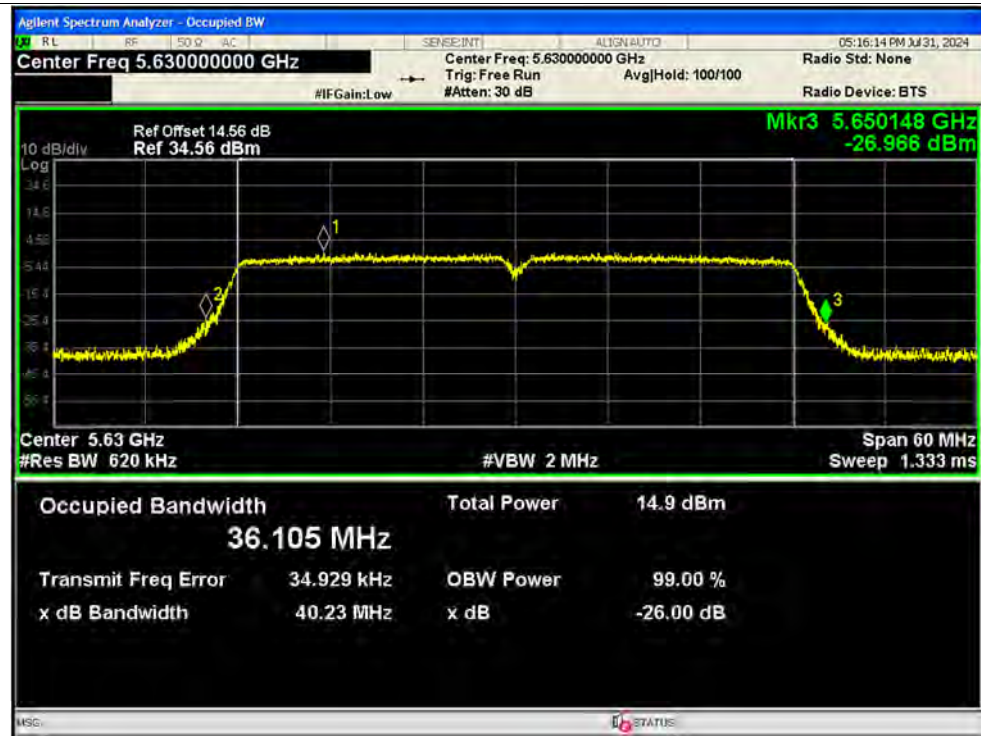
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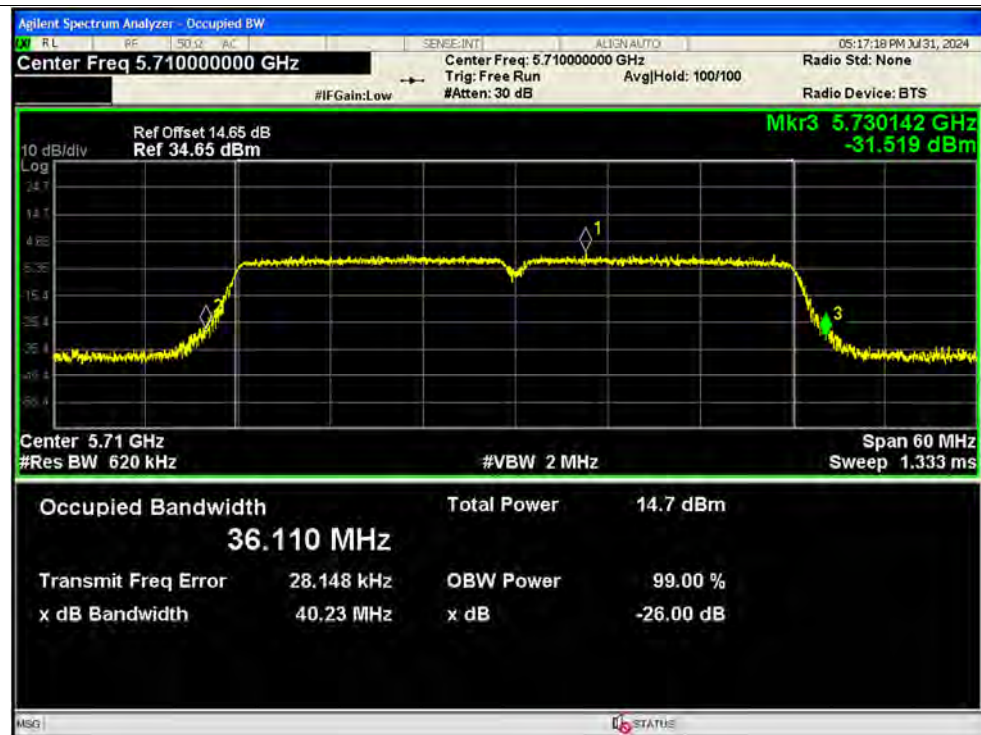
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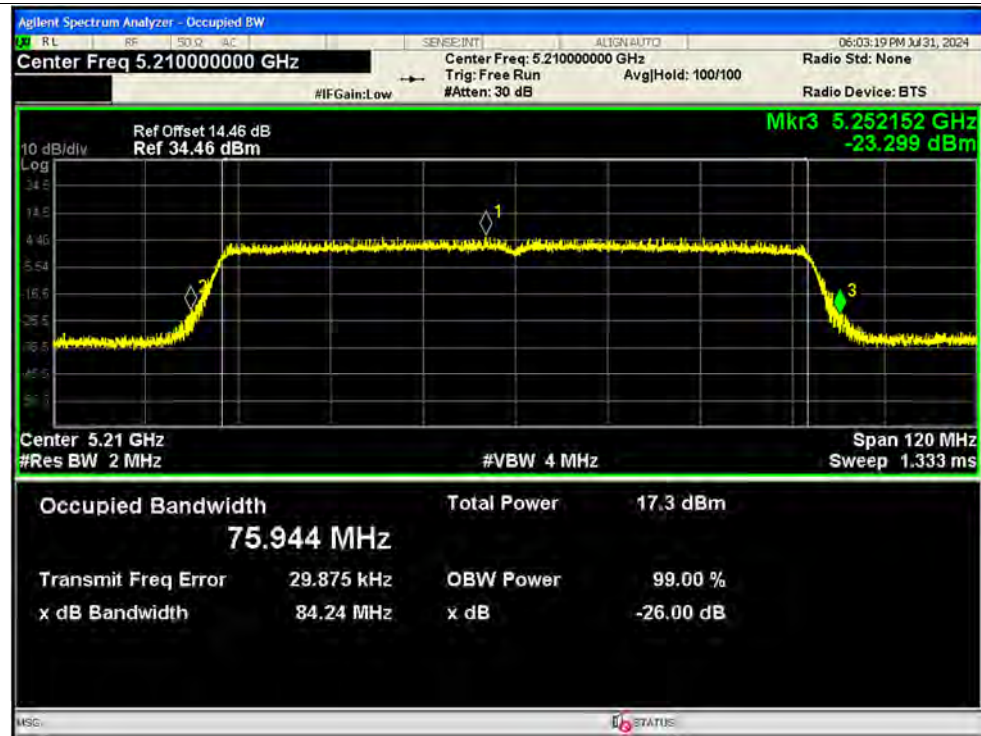
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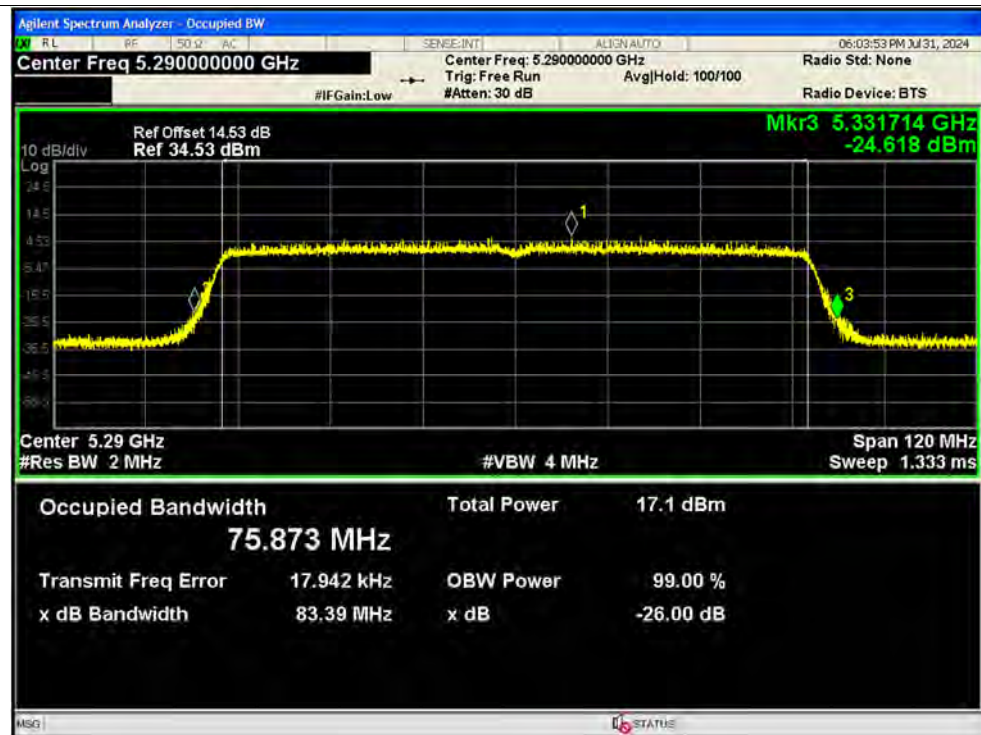
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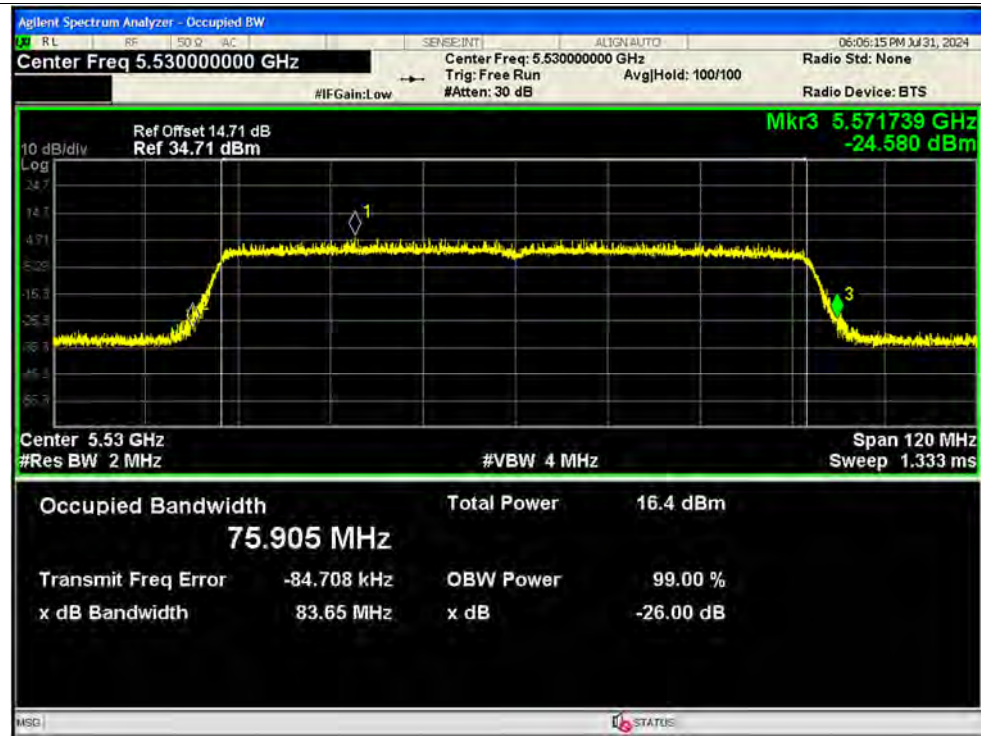
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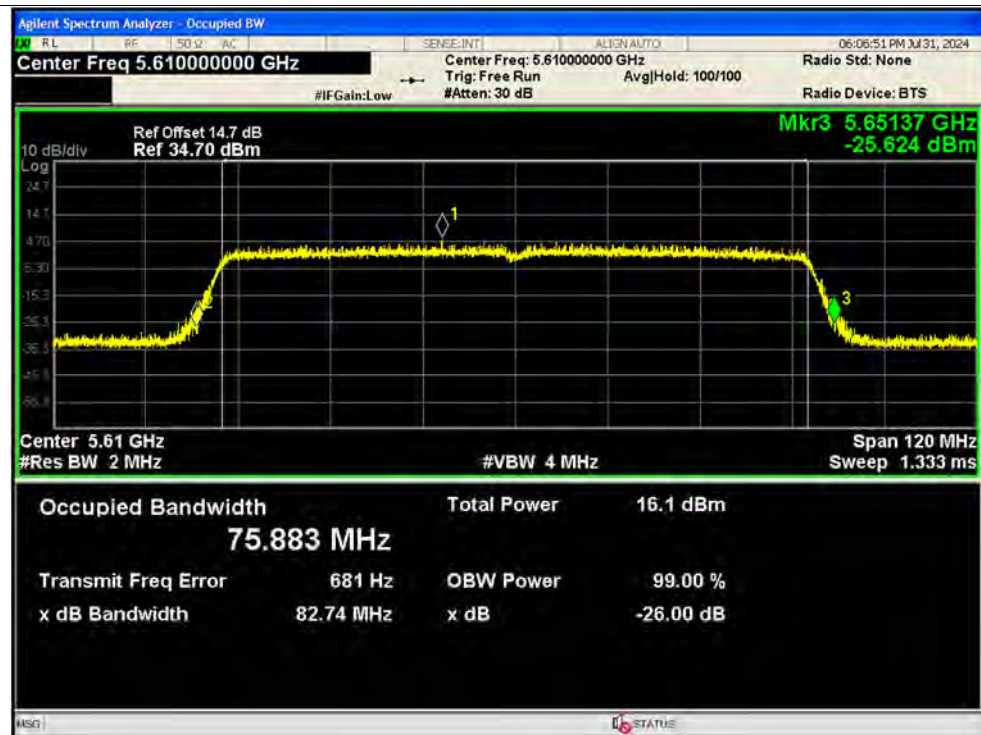
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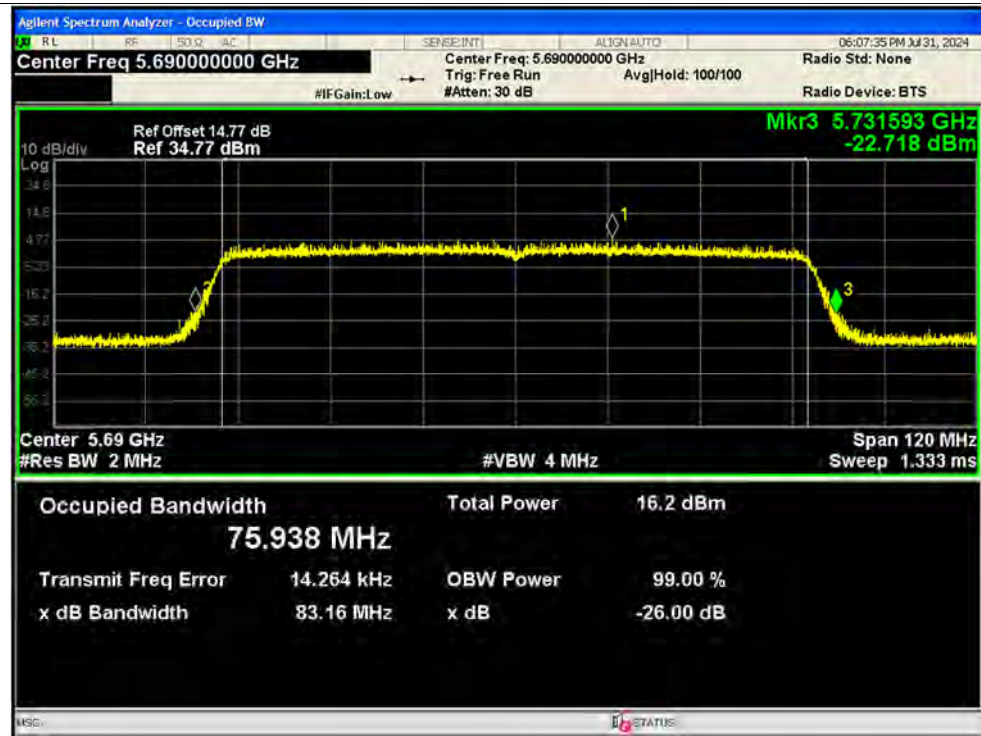
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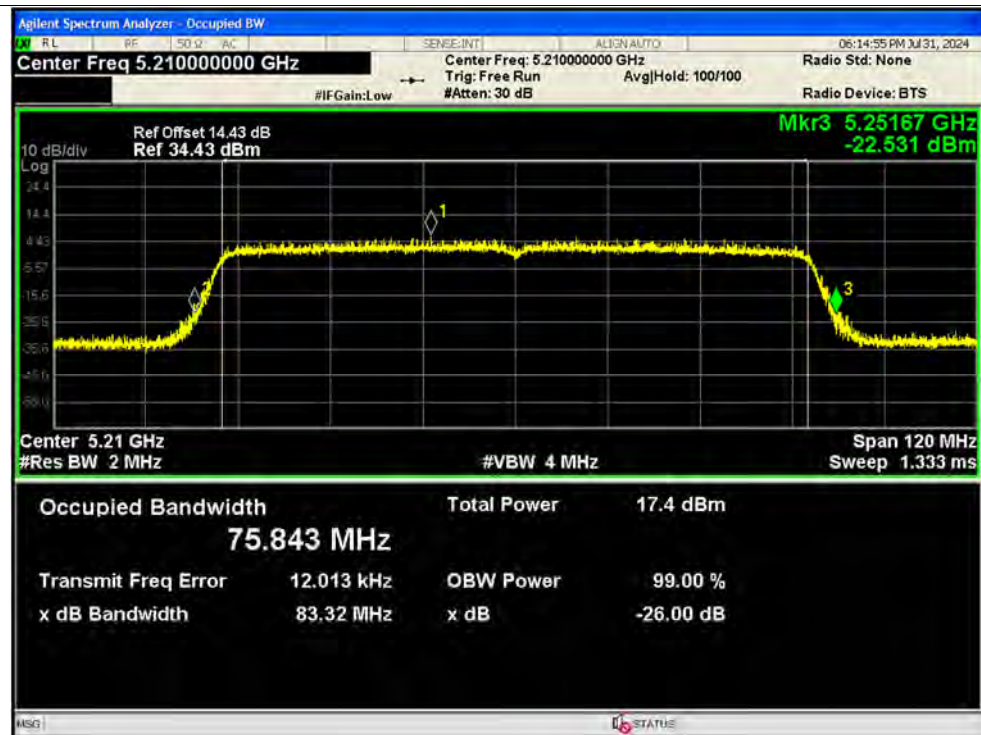
-26dB Bandwidth NVNT ac80 5610MHz Ant1 SISO



-26dB Bandwidth NVNT ac80 5690MHz Ant1 SISO

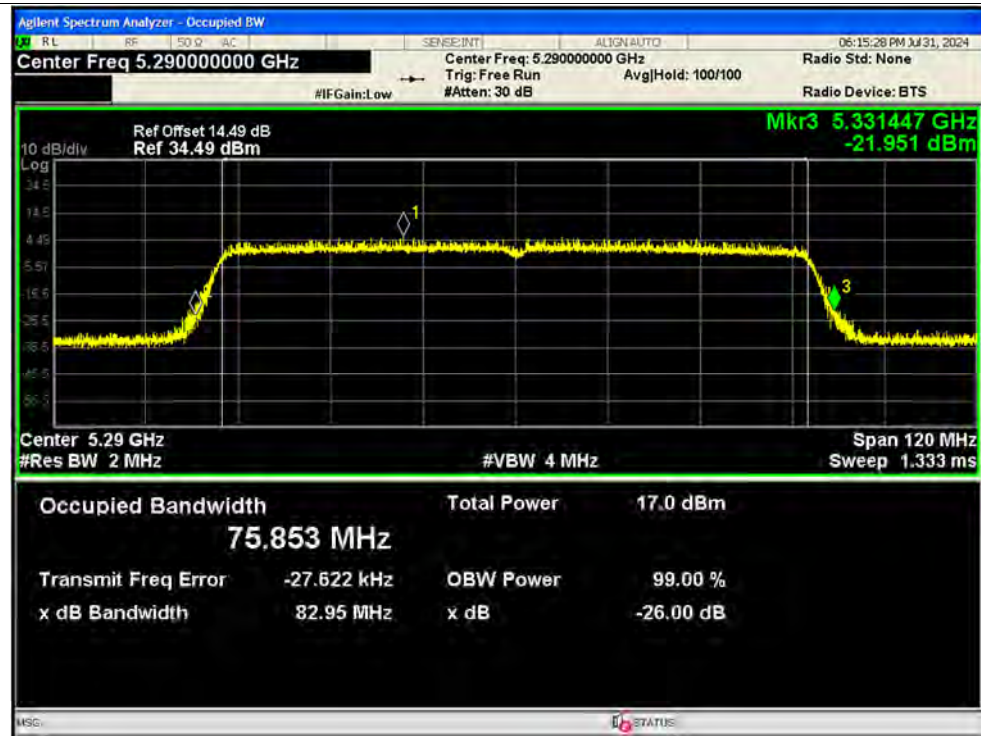


-26dB Bandwidth NVNT ac80 5210MHz Ant2 SISO

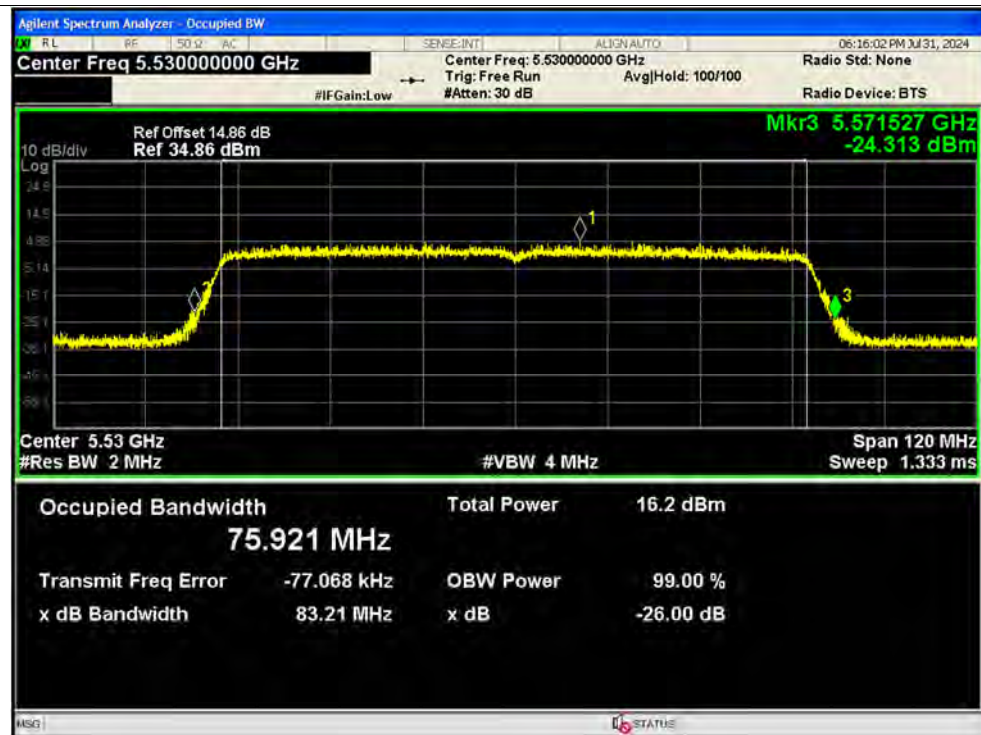




-26dB Bandwidth NVNT ac80 5290MHz Ant2 SISO

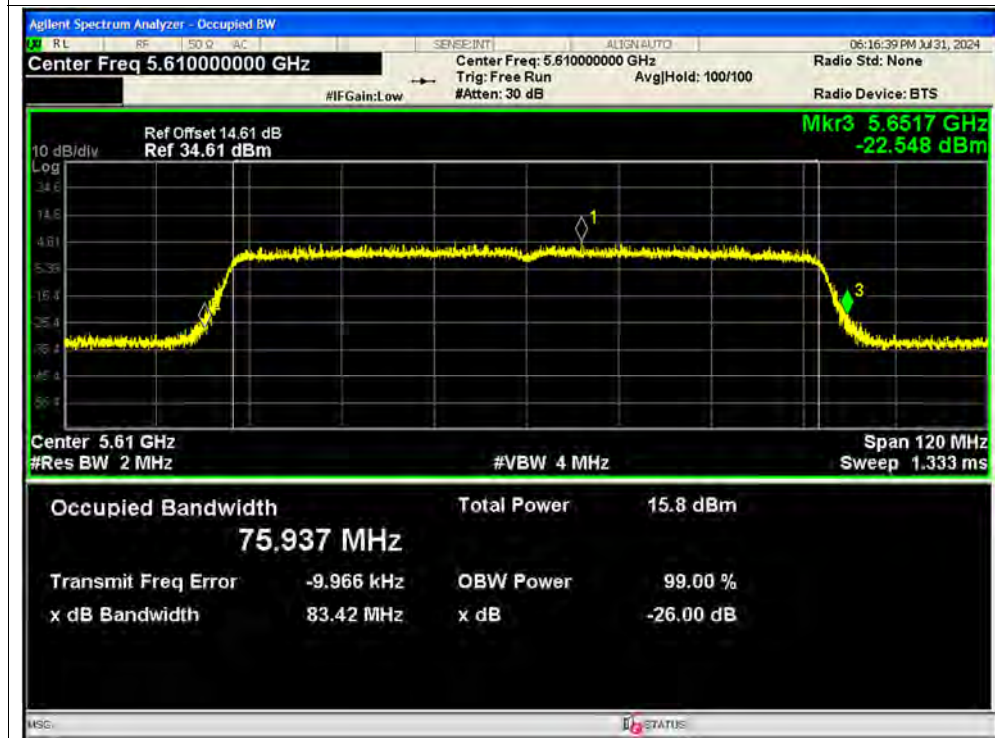


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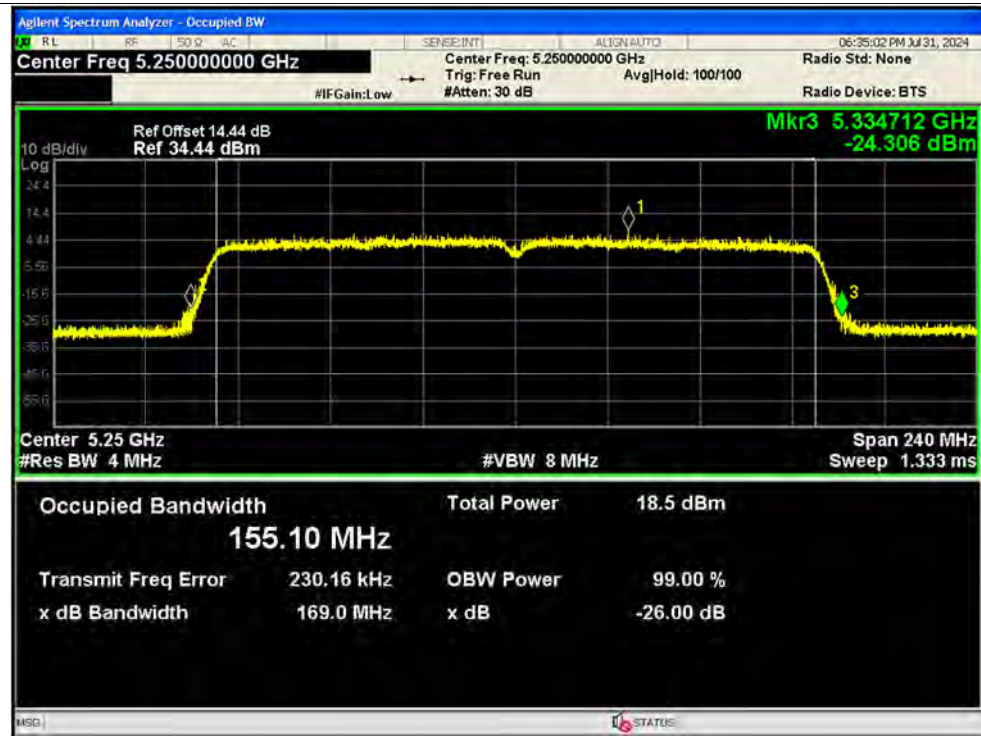
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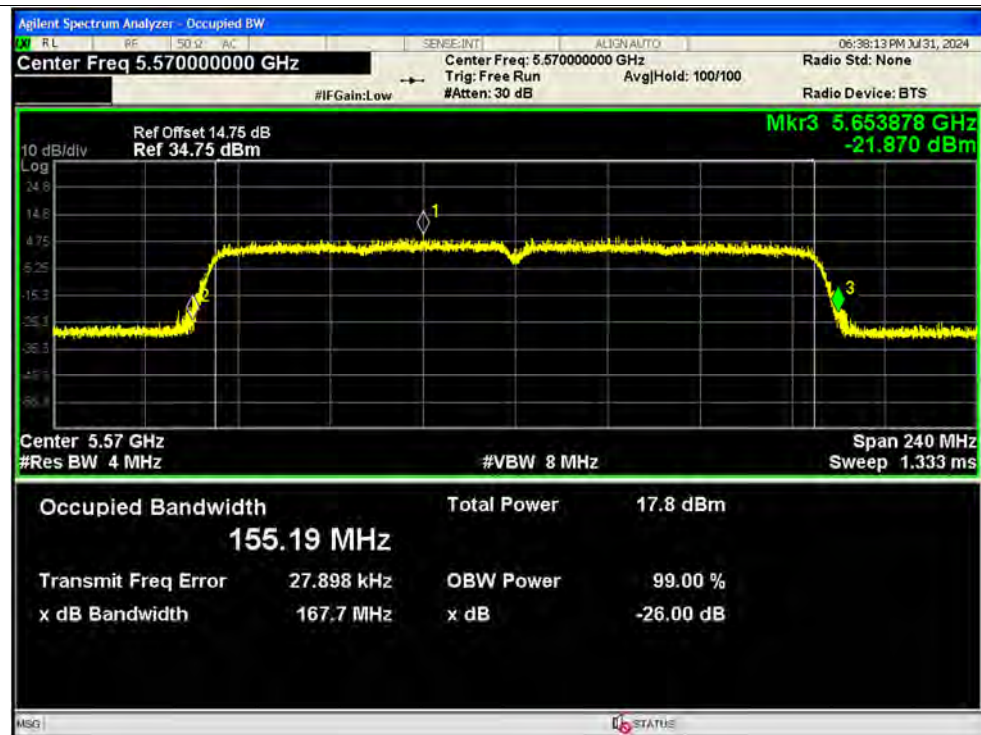
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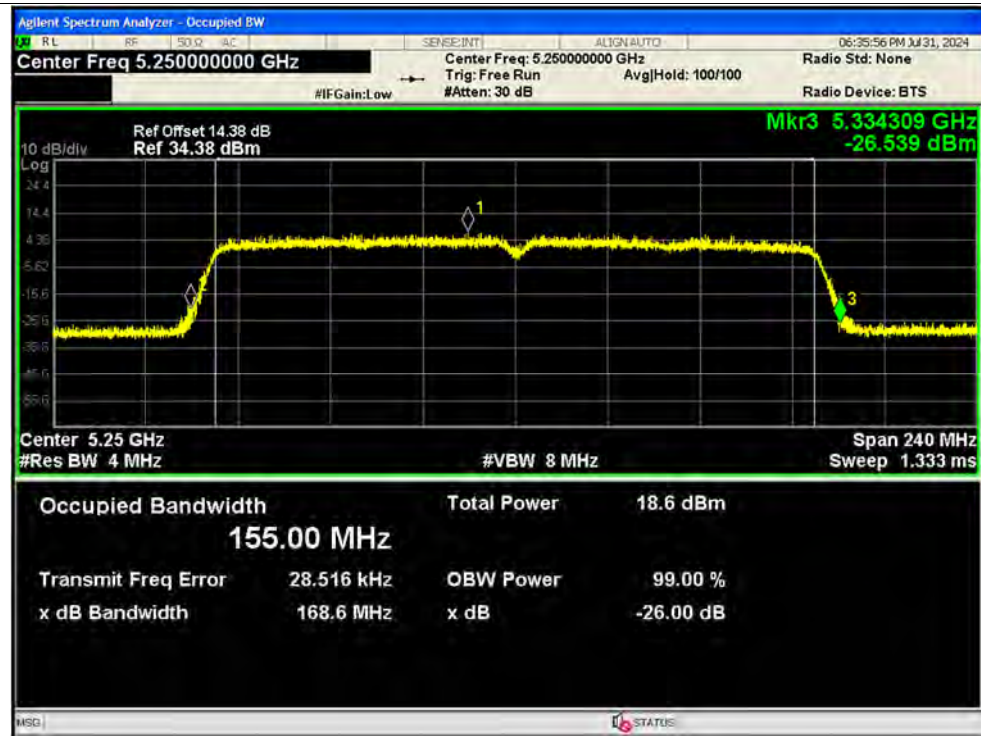
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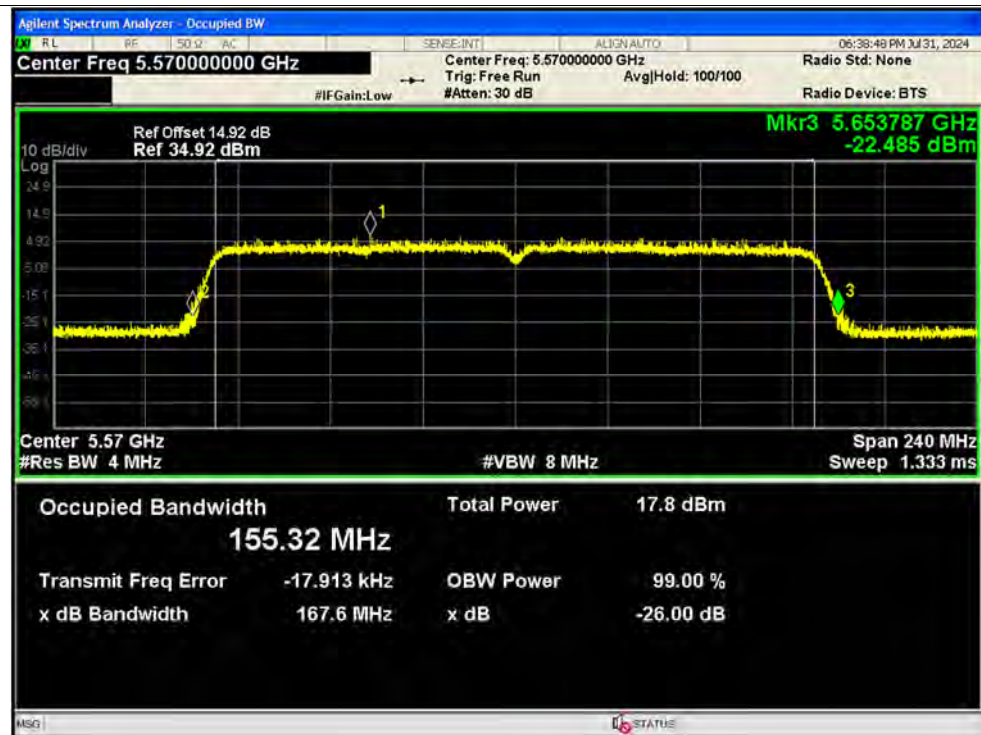
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-26dB Bandwidth NVNT ac160 5250MHz Ant2 SISO



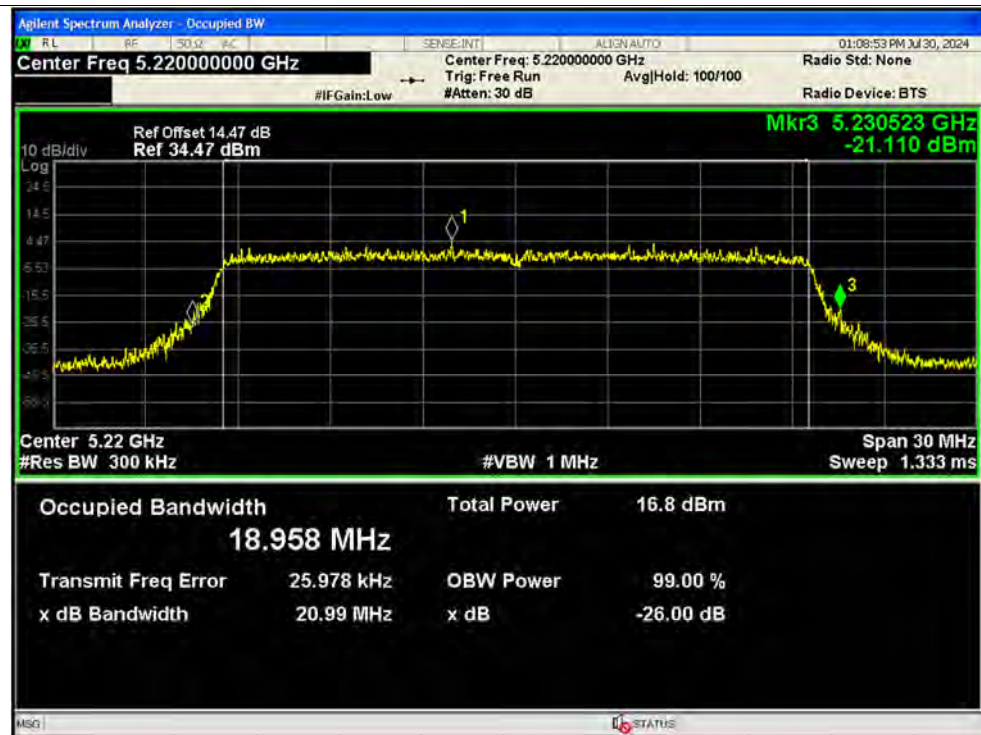
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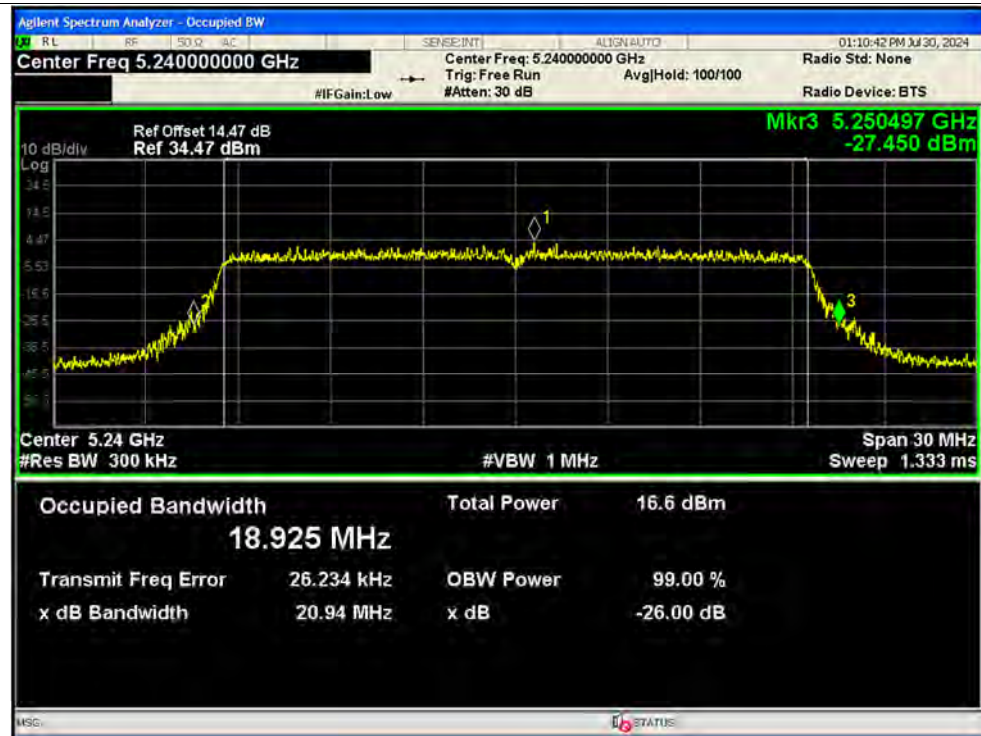
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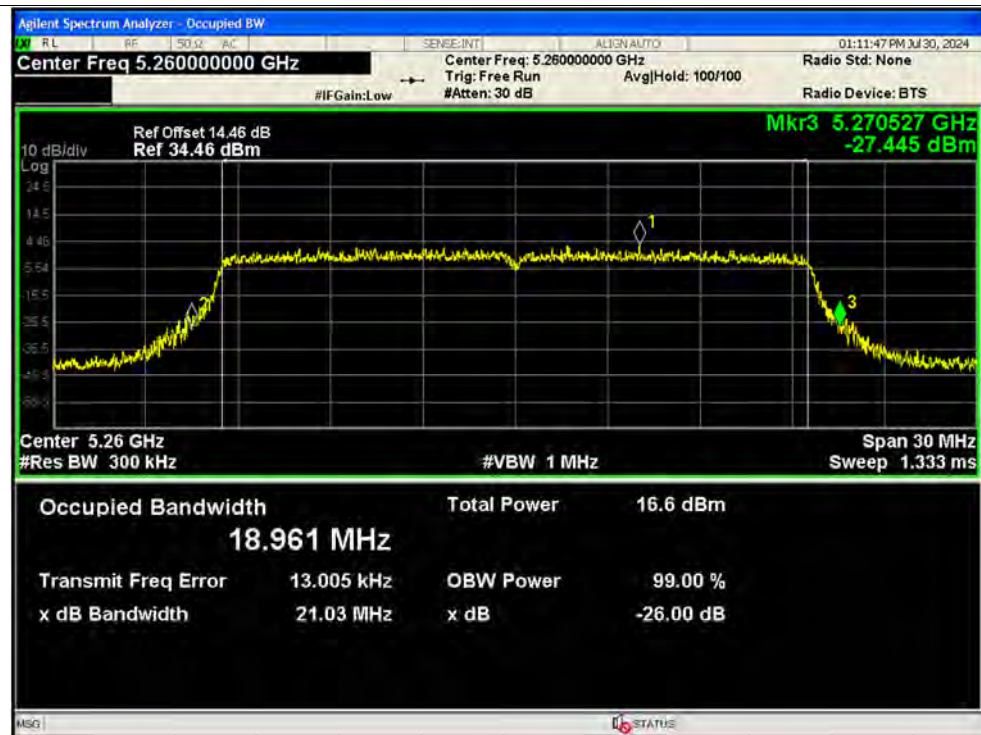
-26dB Bandwidth NVNT ax20 5220MHz Ant1 SISO



-26dB Bandwidth NVNT ax20 5240MHz Ant1 SISO



-26dB Bandwidth NVNT ax20 5260MHz Ant1 SISO



-26dB Bandwidth NVNT ax20 5300MHz Ant1 SISO



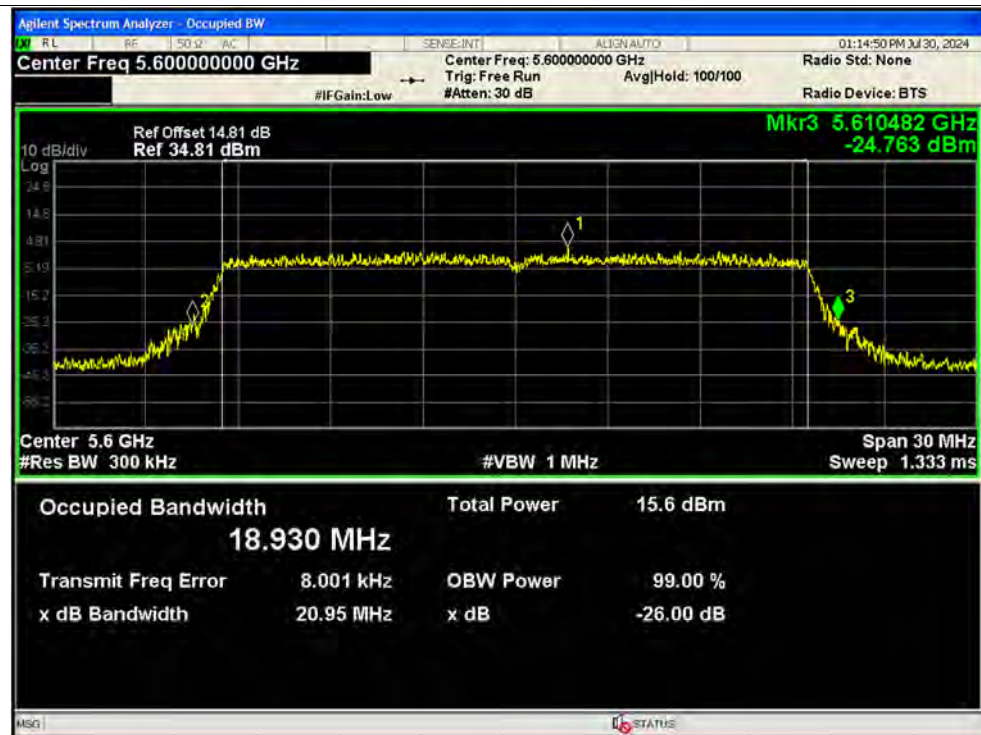
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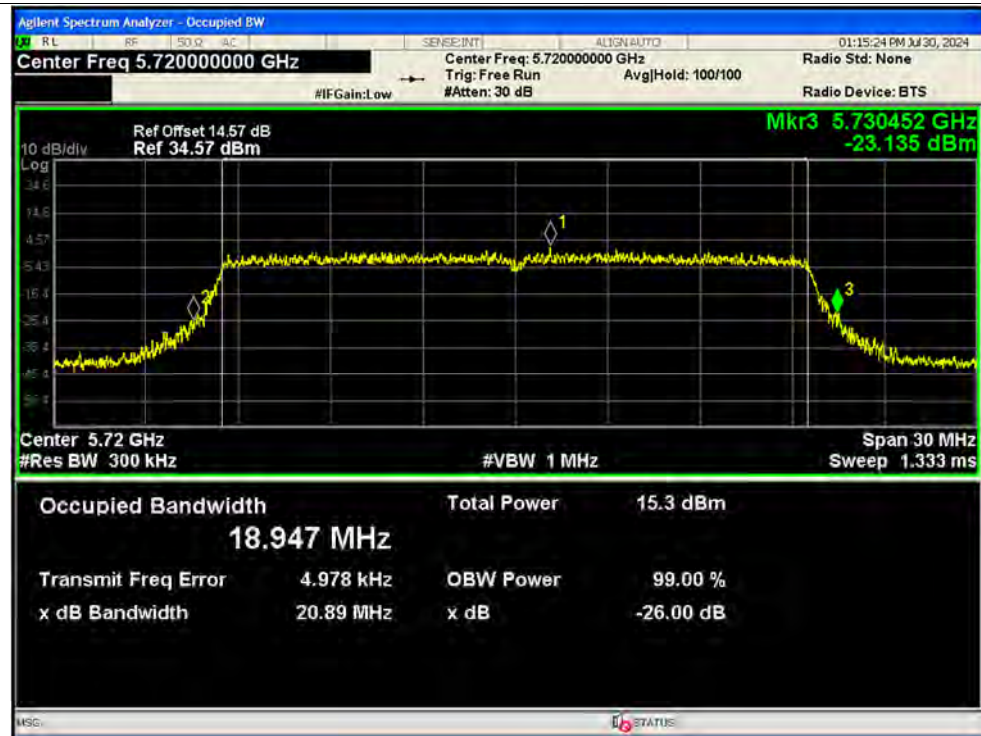
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-26dB Bandwidth NVNT ax20 5600MHz Ant1 SISO



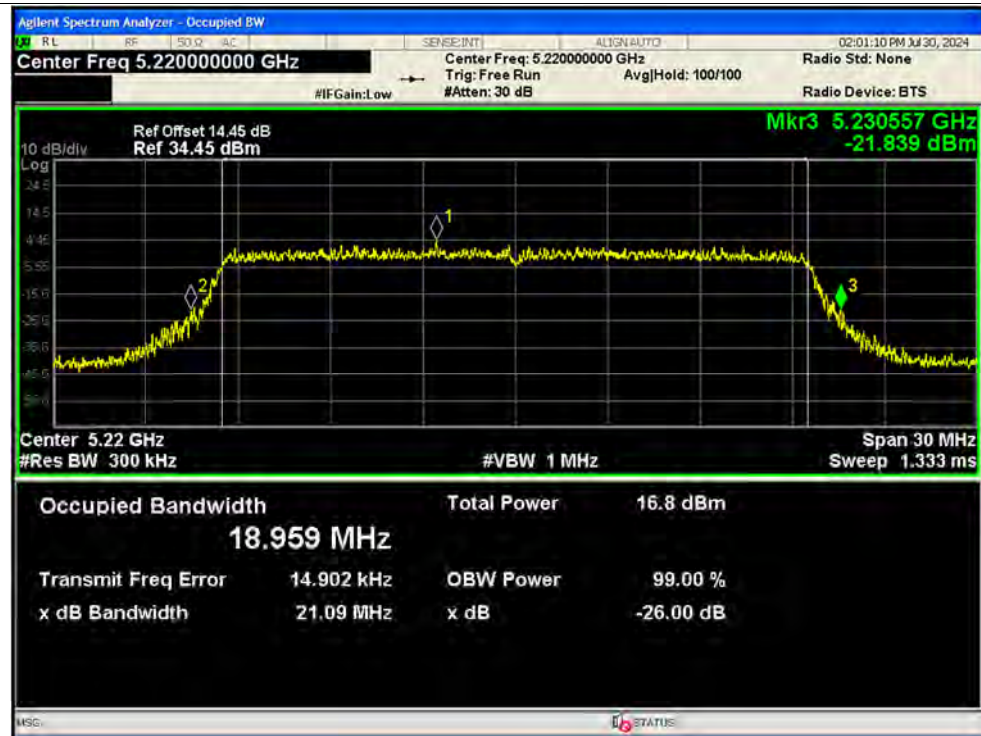
-26dB Bandwidth NVNT ax20 5720MHz Ant1 SISO



-26dB Bandwidth NVNT ax20 5180MHz Ant2 SISO



-26dB Bandwidth NVNT ax20 5220MHz Ant2 SISO



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-26dB Bandwidth NVNT ax20 5260MHz Ant2 SISO



-26dB Bandwidth NVNT ax20 5300MHz Ant2 SISO

