TEST REPORT

APPLICANT	:	SHENZHEN JIUZHOU ELECTRIC CO.,LTD.
PRODUCT NAME	:	Router
MODEL NAME	:	DTW5511CL
BRAND NAME	:	Claro
FCC ID	:	2AL9QDTW5511CL00002
STANDARD(S)	:	47 CFR Part 15 Subpart E
RECEIPT DATE	:	2024-08-13
TEST DATE	:	2024-09-09 to 2024-10-23
ISSUE DATE	:	2024-11-12

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DIRECTORY

Change History		
Version	**Date**	**Reason for change**
1.0	2024-11-12	First edition

1. Summary of Test Result

No.	Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
1	15.203	Antenna Requirement	N/A	N/A	PASS	No deviation
2	ANSI C63.10	Duty Cycle of the Test Signal	Sep. 10, 2024	Li Xinpeng	PASS	No deviation
3	15.407(a)	Maximum Conducted Output Power	Sep. 10, 2024	Li Xinpeng	PASS	No deviation
4	15.407(a)(e)	Emission Bandwidth	Sep. 10, 2024	Li Xinpeng	PASS	No deviation
5	15.407(a)	Peak Power Spectral Density	Sep. 10, 2024	Li Xinpeng	PASS	No deviation
6	15.407(g)	Frequency Stability	Sep. 20, 2024	Li Xinpeng	PASS	No deviation
7	15.407(h)	DFS	Oct. 23, 2024	Li Xinpeng	PASS	No deviation
8	15.207	Conducted Emission	Oct. 23, 2024	Fan Shengquan	PASS	No deviation
9	15.407(b)	Restricted Frequency Bands	Sep. 26, 2024	Li Hanbin	PASS	No deviation
10	15.407(b)	Radiated Emission	Aug. 27, 2024	Li Hanbin	PASS	No deviation

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

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

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

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

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

1.1. Testing Applied Standards

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

• 47 CFR Part 15 Subpart E Radio Frequency Devices

1.2. Test Equipment List

1.2.1 Conducted Test Equipment

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
EXA Signal Analzyer	MY53470836	N9010A	Agilent	2024.02.19	2025.02.18
Power Sensor	MY54180008	U2021XA	Agilent	2023.10.17	2024.10.16
				2024.09.11	2025.09.10
Temperature Chamber	12108015	DTL-003S101	YOMA	2023.09.19	2024.09.18
				2024.09.11	2025.09.10
RF Cable (30MHz-26GHz)	CB01	RF01	Morlab	N/A	N/A
SMA Connector	CN01	RF03	HUBER-SUHNER	N/A	N/A
Attenuator	MTJ6004-10	10dB	MTJ cooperation	N/A	N/A

1.2.2 Conducted Emission Test Equipment

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

1.2.3 List of Software Used

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

1.2.4 Radiated Test Equipment

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Signal Analyzer	MY56060145	N9020A	Agilent	2024.05.30	2025.05.29
Test Antenna - Bi-Log	9163-519	VULB 9163	Schwarzbeck	2024.06.22	2025.06.21
Test Antenna - Loop	1519-022	FMZB1519	Schwarzbeck	2024.06.03	2025.06.02
Test Antenna – Horn	01774	BBHA 9120D	Schwarzbeck	2024.06.22	2025.06.21
Test Antenna – Horn	BBHA9170 #773	BBHA9170	Schwarzbeck	2024.06.22	2025.06.21
Preamplifier (10MHz-6GHz)	46732	S10M100L3802	LUCIX CORP.	2024.05.30	2025.05.29
Preamplifier (2GHz-18GHz)	61171/61172	S020180L3203	LUCIX CORP.	2024.05.30	2025.05.29
Preamplifier (18GHz-40GHz)	DS77209	DCLNA0118-40C-S	Decentest	2024.05.30	2025.05.29
RF Coaxial Cable (DC-18GHz)	MRE001	PE330	Pasternack	2024.05.30	2025.05.29
RF Coaxial Cable (DC-18GHz)	MRE002	CLU18	Pasternack	2024.05.30	2025.05.29
RF Coaxial Cable (DC-18GHz)	MRE003	CLU18	Pasternack	2024.05.30	2025.05.29
RF Coaxial Cable (DC-40GHz)	22290045	QA360-40-KK-0.5	Qualwave	2024.07.03	2025.07.02
RF Coaxial Cable (DC-40GHz)	22290046	QA360-40-KKF-2	Qualwave	2024.07.03	2025.07.02
RF Coaxial Cable (DC-18GHz)	22120181	QA500-18-NN-5	Qualwave	2024.07.03	2025.07.02
Notch Filter	N/A	WRCG-2400-2483.5-60SS	Wainwright	N/A	N/A
Anechoic Chamber	N/A	9m*6m*6m	CRT	2022.05.10	2025.05.09

1.3. Measurement Uncertainty

Test Items	Uncertainty	Remark
Peak Output Power	±2.22dB	Confidence levels of 95%
Power Spectral Density	±2.22dB	Confidence levels of 95%
Bandwidth	±5%	Confidence levels of 95%
Restricted Frequency Bands	±5%	Confidence levels of 95%
Radiated Emission	±2.95dB	Confidence levels of 95%
Conducted Emission	±2.44dB	Confidence levels of 95%

1.4. Testing Laboratory

Laboratory Name	Shenzhen Morlab Communications Technology Co., Ltd.
Laboratory Address	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China
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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 JIUZHOU ELECTRIC CO.,LTD.
Applicant Address	6F,Jiuzhou Electric Building, Southern No. 12 Rd., High-tech Industrial Park, Nanshan District, Shenzhen,China
Manufacturer	SHENZHEN JIUZHOU ELECTRIC CO.,LTD.
Manufacturer Address	6F,Jiuzhou Electric Building, Southern No. 12 Rd., High-tech Industrial Park, Nanshan District, Shenzhen,China

2.2. Information of EUT

Product Name:	Router	
Sample No.:	3#, 5#	
Hardware Version:	V2.0	
Software Version:	V3.1.0.6	
Modulation Technology:	OFDM, OFDMA	
Modulation Mode:	802.11a, 802.11n (HT20), 802.11n (HT40) 802.11ac (VHT20), 802.11ac (VHT40), 802.11ac (VHT80) 802.11ax (HEW20), 802.11ax (HEW40), 802.11ax (HEW80), 802.11ax (HEW160)	
Operating Frequency Range:	5180MHz-5240MHz; 5260MHz-5320MHz; 5500MHz-5720MHz; 5745MHz-5825MHz	
DFS Function:	☐Slave without radar detection ☐Slave with radar detection ☒Master	
Antenna Type:	PCB Antenna	
Antenna Gain:	ANT1: 6.47dBi; ANT2: 6.47dBi	
Accessory Information:	AC Adapter	
	Brand Name:	N/A
	Model No.:	RD1201000-225MG
	Serial No.:	N/A
	Rated Output:	12V⎓1A
	Rated Input:	100-240V~50/60Hz, 0.6A
	Manufacturer:	Shenzhen Ruide Electronic Industrial Co Ltd

Note 1: The EUT has two antennas that cannot transmit simultaneously. Both of the two antennas were evaluated separately, only the worst test result (ANT2) were recorded in the test report.

Note 2: We use the dedicated software to control the EUT continuous transmission.

Note 3: For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.

2.3. Channel List of EUT

(U-NII-1) 5180MHz-5240MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	**36**	**5180**	40	5200
	44	**5220**	**48**	**5240**
40MHz	**38**	**5190**	**46**	**5230**
80MHz	**42**	**5210**		
(U-NII-2A) 5260MHz-5320MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	**52**	**5260**	56	5280
	60	**5300**	**64**	**5320**
40MHz	**54**	**5270**	**62**	**5310**
80MHz	**58**	**5290**		
160MHz	**40**	**5250**		
(U-NII-2C) 5500MHz-5720MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	**100**	**5500**	105	5520
	108	5540	112	5560
	116	5580	**120**	**5600**
	124	5620	128	5640
	132	5660	136	5680
	140	5700	**144**	**5720**
40MHz	**102**	**5510**	110	5550
	118	5590	**126**	**5630**
	134	5670	**142**	**5710**
80MHz	**106**	**5530**	**122**	**5610**
	138	**5690**		
160MHz	**114**	**5570**		
(U-NII-3) 5745MHz-5825MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	**149**	**5745**	153	5765
	157	**5785**	161	5805
	165	**5825**		
40MHz	**151**	**5755**	**159**	**5795**
80MHz	**155**	**5775**		

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

2.4. Test Configuration of EUT

2.4.1.Modulation Type and Data Rate of EUT

Mode	Bandwidth (MHz)	Modulation Technology	Modulation Type	Data Rate	RU Size
802.11a	20	OFDM	**BPSK**	**6**/9/12/18/24/36/48/54Mbps	N/A
			QPSK		
			16QAM		
			64QAM		
802.11n	20/40 (HT20/40)	OFDM	**BPSK**	**MCS0**~MCS7	N/A
			QPSK		
			16QAM		
			64QAM		
802.11ac	20/40/80 (VHT20/40/80)	OFDM	**BPSK**	**MSC0**~MCS9	N/A
			QPSK		
			16QAM		
			64QAM		
			256QAM		
802.11ax	20/40/80/160 (HEW20/40/80/160)	OFDM/ OFDMA	**BPSK**	**MSC0**~MCS11	26/52/106/242/484
			QPSK		
			16QAM		
			64QAM		
			256QAM		
			1024QAM		

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

Note2: The RF signal transmission of EUT is controlled by the build-in engineering mode which is provided by the manufacturer. The recorded power setting value is the maximum that the engineering mode has configuration during testing.

2.4.2.802.11ax/be RU Allocation

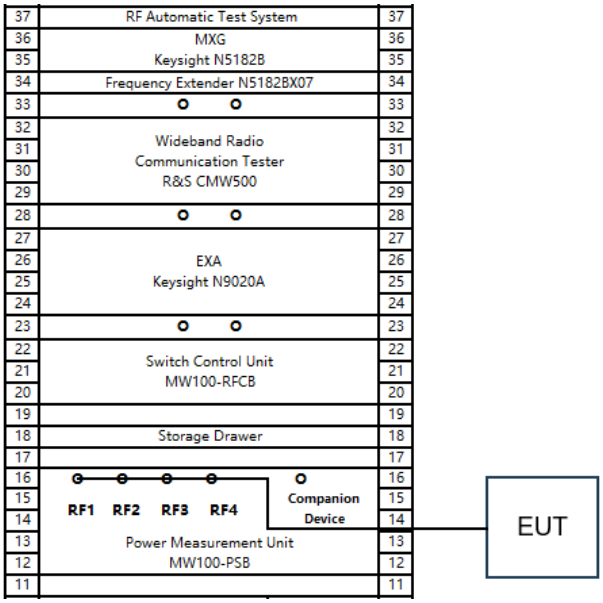
Bandwidth (MHz)	RU Size			User	RU Offset
	Full (Tone)	Partial			
		(Tone)	Bandwidth (MHz)		
20	242	26	2	9	@0/1/2/3/4/5/6/7/8
		52	4	4	@37/38/39/40
		106	8	2	@53/54
		242	20	1	@61
40	484	26	2	18	@0/1/2……15/16/17
		52	4	8	@37/38/39/40/41/42/43/44
		106	8	4	@53/54/55/56
		242	20	2	@61/62
		484	40	1	@65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

2.5. Test Conditions

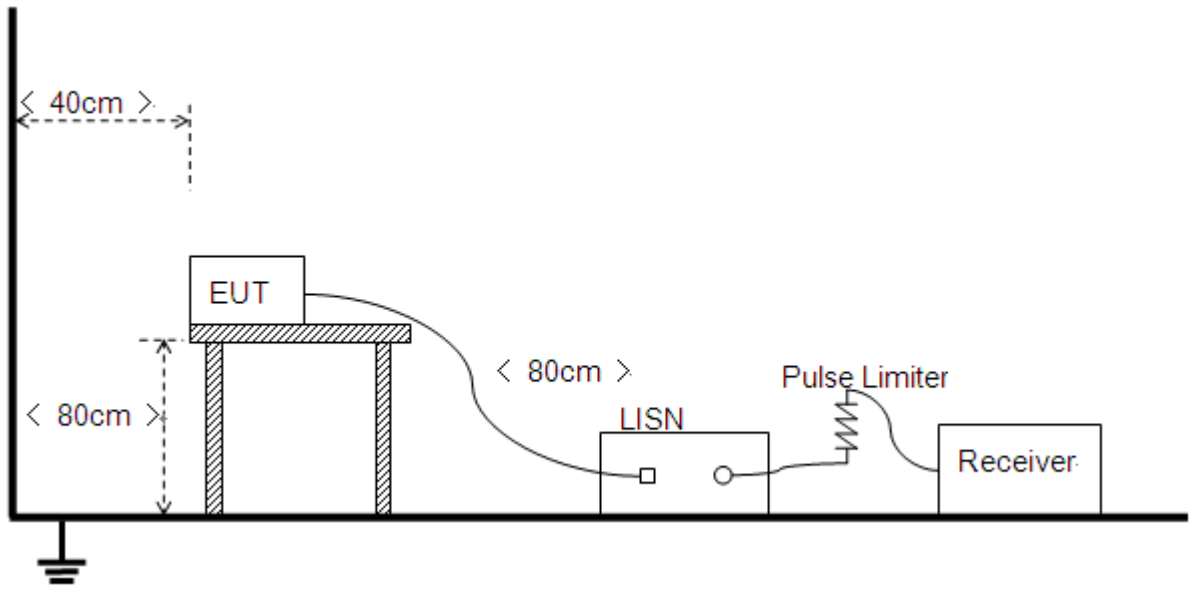
Temperature (°C)	15–35
Relative Humidity (%)	30–60
Atmospheric Pressure (kPa)	86–106

2.6. Test Setup Layout Diagram

2.6.1.Conducted Measurement

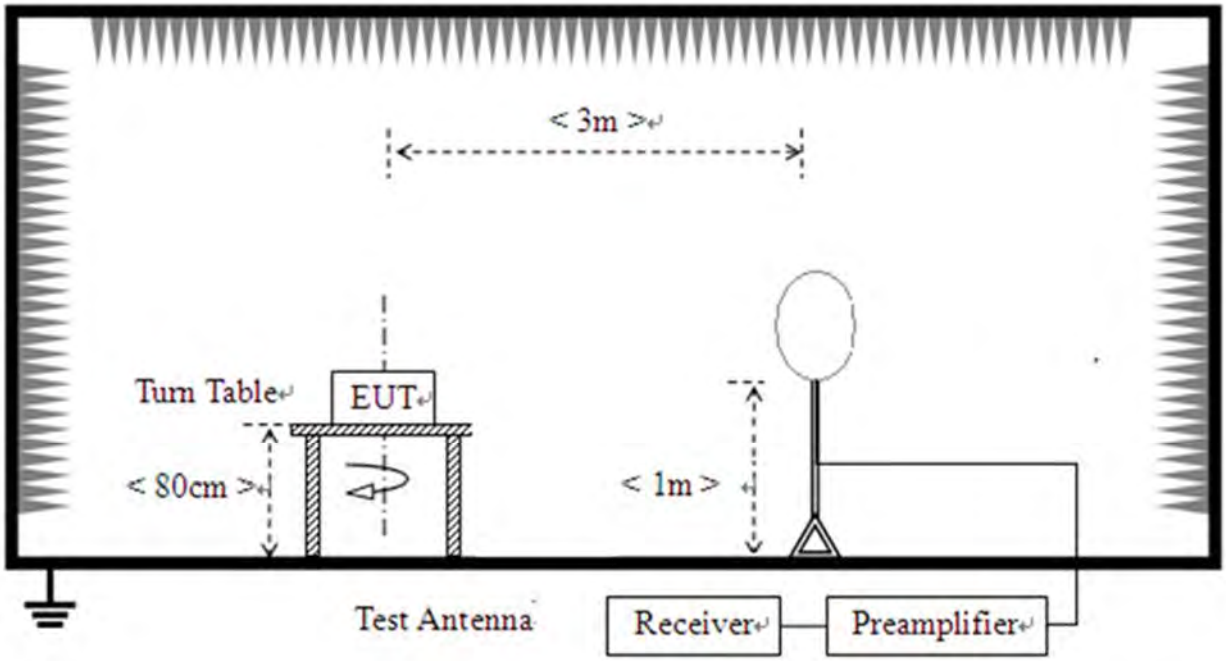


2.6.2.Conducted Emission Measurement

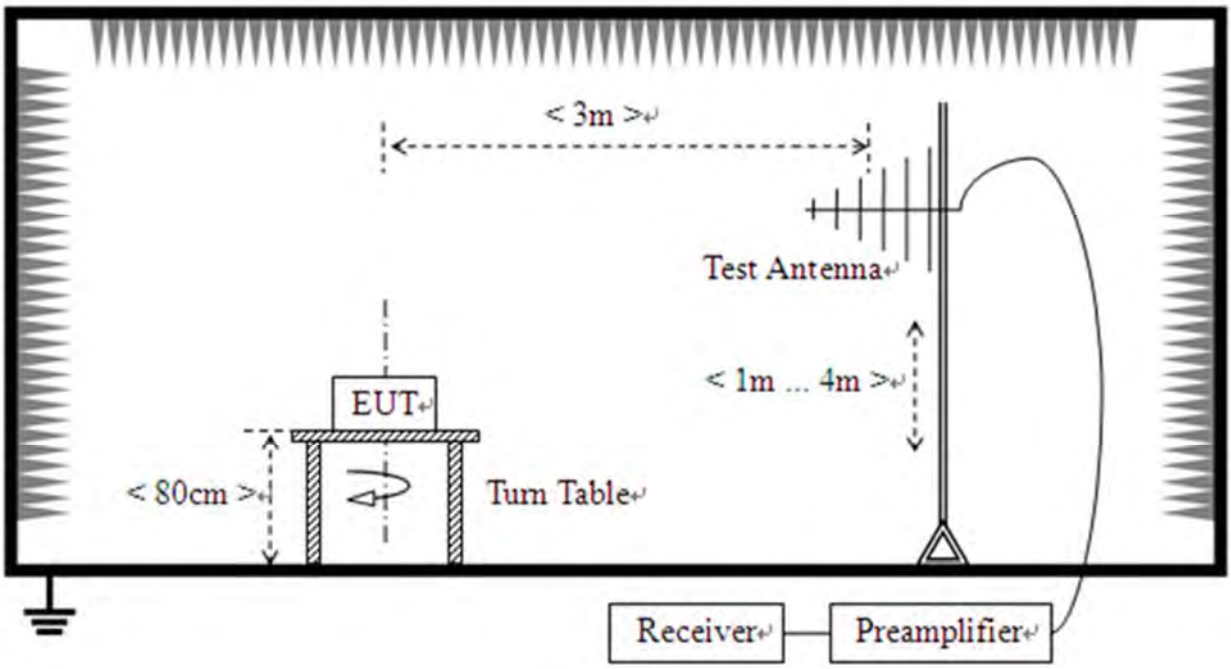


2.6.3.Radiation Measurement

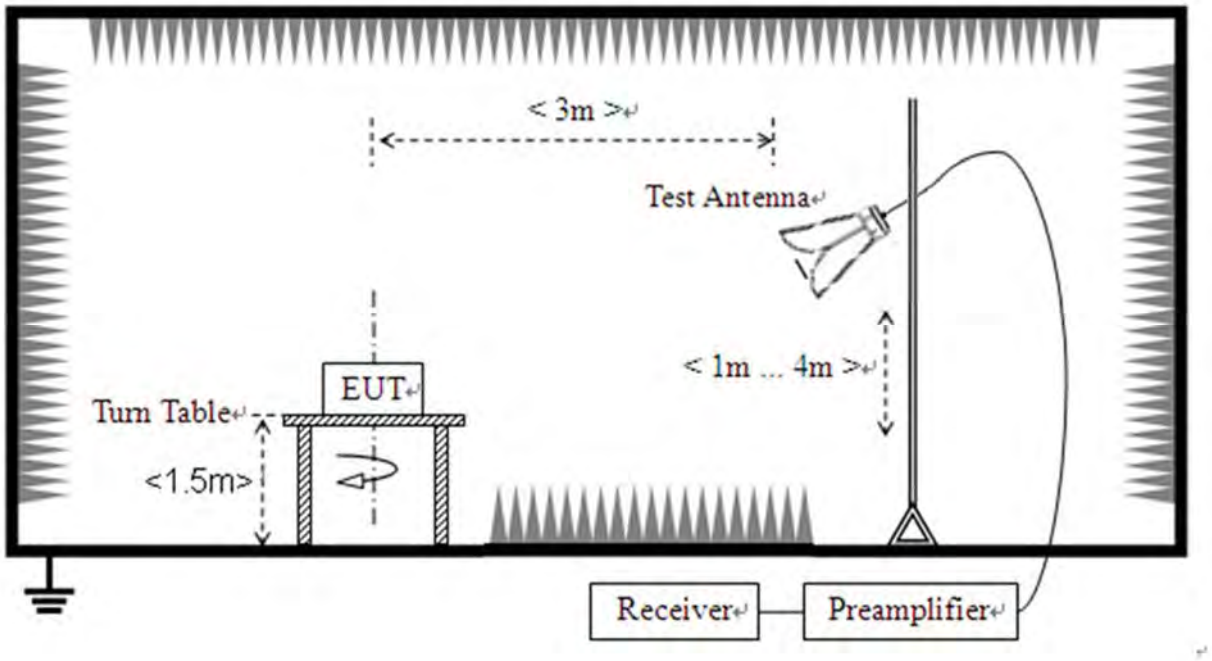
1) For radiated emissions from 9kHz to 30MHz



2) For radiated emissions from 30MHz to1GHz



3) For radiated emissions above 1GHz



3. Test Results

3.1. Antenna Requirement

3.1.1.Requirement

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

3.1.2.Test Result

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

3.2. Duty Cycle of Test Signal

3.2.1.Requirement

Preferably, all measurements of maximum conducted (average) output power will be performed with the EUT transmitting continuously (i.e., with a duty cycle of greater than or equal to 98%).When continuous operation cannot be realized, then the use of sweep triggering/signal gating techniques can be used to ensure that measurements are made only during transmissions at the maximum power control level. Such sweep triggering/signal gating techniques will require knowledge of the minimum transmission duration(T) over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation. Sweep triggering/signal gating techniques can then be used if the measurement/sweep time of the analyzer can be set such that it does not exceed T at any time that data are being acquired (i.e.,no transmitter OFF-time is to be considered).
When continuous transmission cannot be achieved and sweep triggering/signal gating cannot be implemented, alternative procedures are provided that can be used to measure the average power; however, they will require an additional measurement of the transmitter duty cycle (D). Within this sub clause, the duty cycle refers to the fraction of time over which the transmitter is ON and is transmitting at its maximum power control level. The duty cycle is considered to be constant if variations are less than ±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 11dBm + 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 KDB662911D01Measure-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} +10log(N_{ANT})dBi, where G_{ANT} is the antenna gain in dBi, N_{ANT} is the number of outputs.

3.3.2.Test Procedures

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

3.3.3.Test Setup Layout

Refer to chapter 2.6.1 in this report.

3.3.4.Test Result

Refer to Annex A.2 in this report.

3.4. Emission Bandwidth

3.4.1.Requirement

For purposes of this subpart the emission bandwidth shall be determined by measuring the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, that are 26 dB down relative to the maximum level of the modulated carrier. Determination of the emissions bandwidth is based on the use of measurement instrumentation employing a peak detector function with an instrument resolution bandwidth approximately equal to 1.0 percent of the emission bandwidth of the device under measurement. Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

3.4.1.Test Procedures

1. KDB 789033 Section C) 1) Emission Bandwidth was used in order to prove compliance
a) Set RBW = approximately 1% of the emission bandwidth.
b) Set VBW > RBW.
c) Detector = Peak.
d) Trace mode = max hold.
e) Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
2. KDB 789033 Section C) 2) minimum emission bandwidth for the band 5.725-5.85GHz was used in order to prove compliance.
Section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500 KHz for theband5.715-5.85 GHz. The following procedure shall be used for measuring this bandwidth:
a) Set RBW = 100 kHz.
b) Set video bandwidth (VBW) ≥ 3 × 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 KDB662911D01Measure-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} +10log(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 ≥ 3MHz
3) Number of points in sweep ≥ 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°Cto 40°C. The temperature was incremented by 10º 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 ⩾ 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.

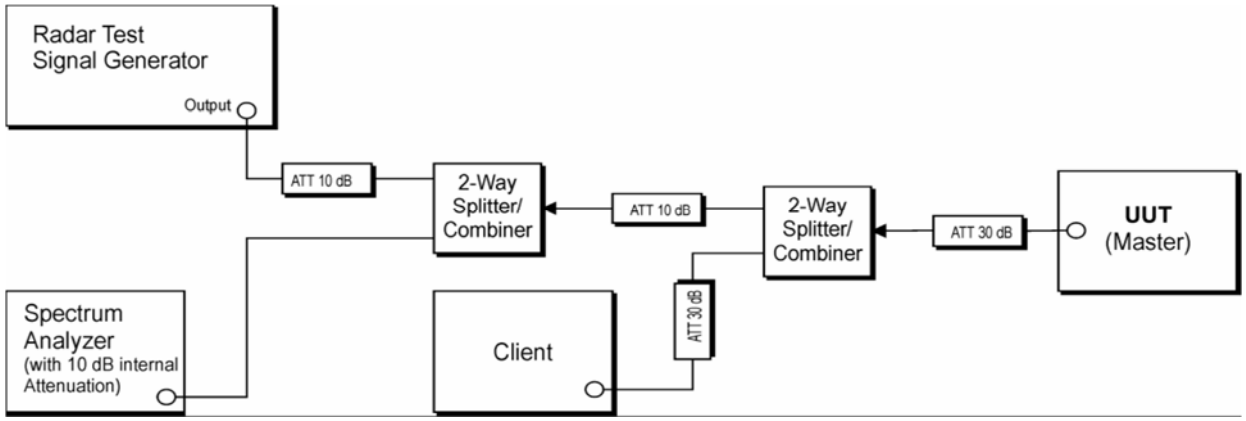
Table 4: DFS Response Requirement Values

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

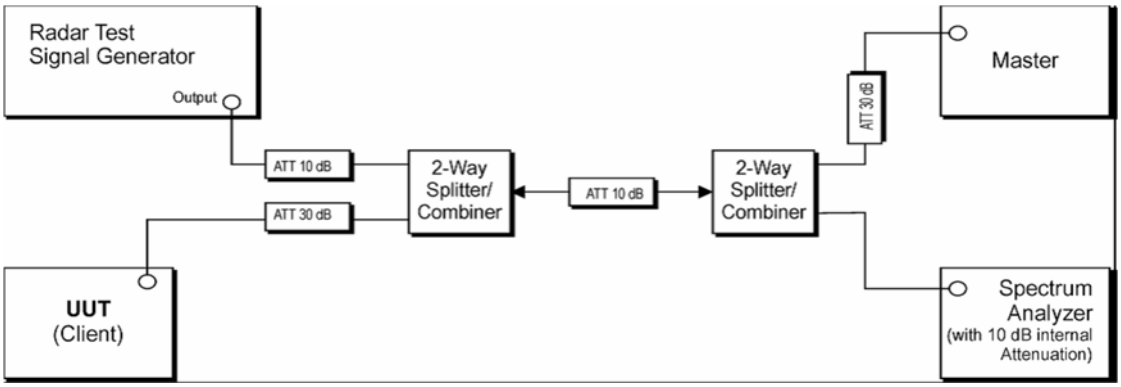
According to Section 7.2 of KDB 905462 D02 V01R01

1. Setup for Master with injection at the Master



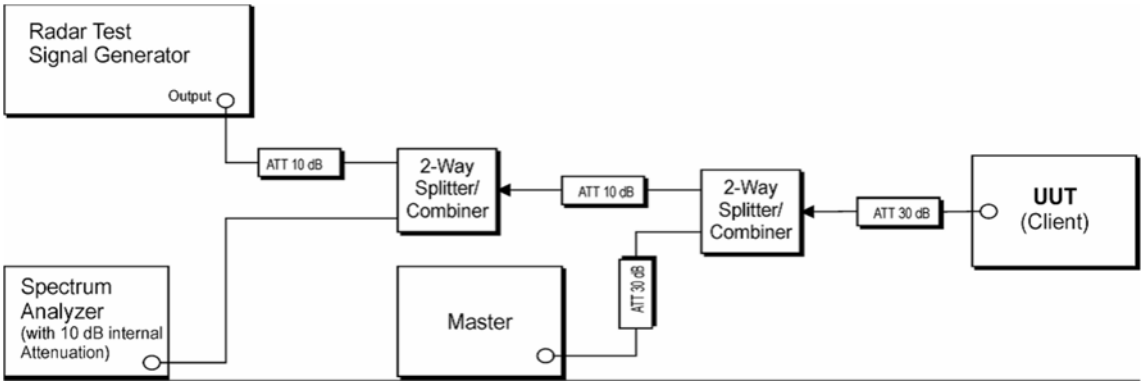
(Example Conducted Setup where UUT is a Master and Radar Test Waveforms are injected into the Master)

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

Android Phone

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 50μH/50Ω line impedance stabilization network (LISN).

Frequency Range (MHz)	Conducted Limit (dBμV)	
	Quai-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
5 - 30	60	50

Note:

(a) The lower limit shall apply at the band edges.

(b) The limit decreases linearly with the logarithm of the frequency in the range 0.15 - 0.50MHz.

3.8.2.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);

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

where P is the EIRP in Watts

Therefore: -27 dBm/MHz = 68.23 dBuV/m

Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209. According to FCC section 15.209 (a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

For Above 1000MHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit.
In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), also should comply with the radiated emission limits specified in Section 15.209(a)(above table).

3.9.2.Test Procedures

The EUT is 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);

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

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	5180	Ant1	96.45	0.16	0.74
NVNT	a	5220	Ant1	95.77	0.19	0.74
NVNT	a	5240	Ant1	96.45	0.16	0.74
NVNT	a	5260	Ant1	96.45	0.16	0.74
NVNT	a	5300	Ant1	96.45	0.16	0.74
NVNT	a	5320	Ant1	96.45	0.16	0.74
NVNT	a	5500	Ant1	96.45	0.16	0.74
NVNT	a	5580	Ant1	95.77	0.19	0.74
NVNT	a	5720	Ant1	96.45	0.16	0.74
NVNT	a	5745	Ant1	96.45	0.16	0.74
NVNT	a	5785	Ant1	96.45	0.16	0.74
NVNT	a	5825	Ant1	95.77	0.19	0.74
NVNT	a	5180	Ant2	96.45	0.16	0.74
NVNT	a	5220	Ant2	96.45	0.16	0.74
NVNT	a	5240	Ant2	96.45	0.16	0.74
NVNT	a	5260	Ant2	96.45	0.16	0.74
NVNT	a	5300	Ant2	96.45	0.16	0.74
NVNT	a	5320	Ant2	95.77	0.19	0.74
NVNT	a	5500	Ant2	96.45	0.16	0.74
NVNT	a	5580	Ant2	95.77	0.19	0.74
NVNT	a	5720	Ant2	95.77	0.19	0.74
NVNT	a	5745	Ant2	96.45	0.16	0.74
NVNT	a	5785	Ant2	96.45	0.16	0.74
NVNT	a	5825	Ant2	96.45	0.16	0.74
NVNT	n20	5180	Ant1	95.49	0.2	0.79
NVNT	n20	5220	Ant1	96.21	0.17	0.79
NVNT	n20	5240	Ant1	96.21	0.17	0.79
NVNT	n20	5260	Ant1	96.24	0.17	0.78
NVNT	n20	5300	Ant1	96.24	0.17	0.78
NVNT	n20	5320	Ant1	96.21	0.17	0.79
NVNT	n20	5500	Ant1	95.49	0.2	0.79
NVNT	n20	5580	Ant1	96.21	0.17	0.79

NVNT	n20	5720	Ant1	95.49	0.2	0.79
NVNT	n20	5745	Ant1	96.21	0.17	0.79
NVNT	n20	5785	Ant1	96.21	0.17	0.79
NVNT	n20	5825	Ant1	96.21	0.17	0.79
NVNT	n20	5180	Ant2	96.21	0.17	0.79
NVNT	n20	5220	Ant2	96.21	0.17	0.79
NVNT	n20	5240	Ant2	96.24	0.17	0.78
NVNT	n20	5260	Ant2	96.21	0.17	0.79
NVNT	n20	5300	Ant2	96.24	0.17	0.78
NVNT	n20	5320	Ant2	96.21	0.17	0.79
NVNT	n20	5500	Ant2	96.21	0.17	0.79
NVNT	n20	5580	Ant2	96.24	0.17	0.78
NVNT	n20	5720	Ant2	96.24	0.17	0.78
NVNT	n20	5745	Ant2	96.21	0.17	0.79
NVNT	n20	5785	Ant2	96.21	0.17	0.79
NVNT	n20	5825	Ant2	96.21	0.17	0.79
NVNT	n40	5190	Ant1	91.3	0.4	1.59
NVNT	n40	5230	Ant1	91.3	0.4	1.59
NVNT	n40	5270	Ant1	92.65	0.33	1.59
NVNT	n40	5310	Ant1	92.65	0.33	1.59
NVNT	n40	5510	Ant1	92.65	0.33	1.59
NVNT	n40	5550	Ant1	92.65	0.33	1.59
NVNT	n40	5710	Ant1	92.65	0.33	1.59
NVNT	n40	5755	Ant1	91.3	0.4	1.59
NVNT	n40	5795	Ant1	92.65	0.33	1.59
NVNT	n40	5190	Ant2	92.65	0.33	1.59
NVNT	n40	5230	Ant2	91.3	0.4	1.59
NVNT	n40	5270	Ant2	92.65	0.33	1.59
NVNT	n40	5310	Ant2	92.75	0.33	1.56
NVNT	n40	5510	Ant2	92.65	0.33	1.59
NVNT	n40	5550	Ant2	92.65	0.33	1.59
NVNT	n40	5710	Ant2	92.75	0.33	1.56
NVNT	n40	5755	Ant2	92.65	0.33	1.59
NVNT	n40	5795	Ant2	92.65	0.33	1.59
NVNT	ac20	5180	Ant1	96.24	0.17	0.78
NVNT	ac20	5220	Ant1	96.24	0.17	0.78
NVNT	ac20	5240	Ant1	95.49	0.2	0.79
NVNT	ac20	5260	Ant1	95.49	0.2	0.79

NVNT	ac20	5300	Ant1	96.24	0.17	0.78
NVNT	ac20	5320	Ant1	95.49	0.2	0.79
NVNT	ac20	5500	Ant1	96.24	0.17	0.78
NVNT	ac20	5580	Ant1	95.49	0.2	0.79
NVNT	ac20	5720	Ant1	96.21	0.17	0.79
NVNT	ac20	5745	Ant1	96.24	0.17	0.78
NVNT	ac20	5785	Ant1	96.24	0.17	0.78
NVNT	ac20	5825	Ant1	96.24	0.17	0.78
NVNT	ac20	5180	Ant2	95.49	0.2	0.79
NVNT	ac20	5220	Ant2	96.21	0.17	0.79
NVNT	ac20	5240	Ant2	96.24	0.17	0.78
NVNT	ac20	5260	Ant2	96.24	0.17	0.78
NVNT	ac20	5300	Ant2	95.49	0.2	0.79
NVNT	ac20	5320	Ant2	95.49	0.2	0.79
NVNT	ac20	5500	Ant2	96.24	0.17	0.78
NVNT	ac20	5580	Ant2	96.24	0.17	0.78
NVNT	ac20	5720	Ant2	96.24	0.17	0.78
NVNT	ac20	5745	Ant2	95.49	0.2	0.79
NVNT	ac20	5785	Ant2	96.24	0.17	0.78
NVNT	ac20	5825	Ant2	96.24	0.17	0.78
NVNT	ac40	5190	Ant1	92.75	0.33	1.56
NVNT	ac40	5230	Ant1	91.3	0.4	1.59
NVNT	ac40	5270	Ant1	92.75	0.33	1.56
NVNT	ac40	5310	Ant1	91.3	0.4	1.59
NVNT	ac40	5510	Ant1	91.3	0.4	1.59
NVNT	ac40	5550	Ant1	91.3	0.4	1.59
NVNT	ac40	5710	Ant1	92.75	0.33	1.56
NVNT	ac40	5755	Ant1	92.75	0.33	1.56
NVNT	ac40	5795	Ant1	92.75	0.33	1.56
NVNT	ac40	5190	Ant2	91.3	0.4	1.59
NVNT	ac40	5230	Ant2	91.3	0.4	1.59
NVNT	ac40	5270	Ant2	92.75	0.33	1.56
NVNT	ac40	5310	Ant2	92.75	0.33	1.56
NVNT	ac40	5510	Ant2	91.3	0.4	1.59
NVNT	ac40	5550	Ant2	92.75	0.33	1.56
NVNT	ac40	5710	Ant2	92.65	0.33	1.59
NVNT	ac40	5755	Ant2	91.3	0.4	1.59
NVNT	ac40	5795	Ant2	92.75	0.33	1.56

NVNT	ac80	5210	Ant1	86.49	0.63	3.13
NVNT	ac80	5290	Ant1	86.49	0.63	3.13
NVNT	ac80	5530	Ant1	86.49	0.63	3.13
NVNT	ac80	5690	Ant1	86.49	0.63	3.13
NVNT	ac80	5775	Ant1	86.49	0.63	3.13
NVNT	ac80	5210	Ant2	86.49	0.63	3.13
NVNT	ac80	5290	Ant2	86.49	0.63	3.12
NVNT	ac80	5530	Ant2	86.49	0.63	3.13
NVNT	ac80	5690	Ant2	86.49	0.63	3.13
NVNT	ac80	5775	Ant2	86.49	0.63	3.13
NVNT	ax20	5180	Ant1	95.19	0.21	1.01
NVNT	ax20	5220	Ant1	94.23	0.26	1.02
NVNT	ax20	5240	Ant1	94.23	0.26	1.02
NVNT	ax20	5260	Ant1	95.19	0.21	1.01
NVNT	ax20	5300	Ant1	95.19	0.21	1.01
NVNT	ax20	5320	Ant1	95.15	0.22	1.02
NVNT	ax20	5500	Ant1	95.19	0.21	1.01
NVNT	ax20	5580	Ant1	94.23	0.26	1.02
NVNT	ax20	5720	Ant1	94.23	0.26	1.02
NVNT	ax20	5745	Ant1	95.15	0.22	1.02
NVNT	ax20	5785	Ant1	94.23	0.26	1.02
NVNT	ax20	5825	Ant1	94.23	0.26	1.02
NVNT	ax20	5180	Ant2	95.19	0.21	1.01
NVNT	ax20	5220	Ant2	95.19	0.21	1.01
NVNT	ax20	5240	Ant2	94.23	0.26	1.02
NVNT	ax20	5260	Ant2	95.19	0.21	1.01
NVNT	ax20	5300	Ant2	94.23	0.26	1.02
NVNT	ax20	5320	Ant2	95.19	0.21	1.01
NVNT	ax20	5500	Ant2	95.15	0.22	1.02
NVNT	ax20	5580	Ant2	95.19	0.21	1.01
NVNT	ax20	5720	Ant2	95.19	0.21	1.01
NVNT	ax20	5745	Ant2	95.19	0.21	1.01
NVNT	ax20	5785	Ant2	94.23	0.26	1.02
NVNT	ax20	5825	Ant2	95.19	0.21	1.01
NVNT	ax40	5190	Ant1	91.23	0.4	1.92
NVNT	ax40	5230	Ant1	91.23	0.4	1.92
NVNT	ax40	5270	Ant1	91.23	0.4	1.92
NVNT	ax40	5310	Ant1	89.66	0.47	1.92

NVNT	ax40	5510	Ant1	91.23	0.4	1.92
NVNT	ax40	5550	Ant1	91.23	0.4	1.92
NVNT	ax40	5710	Ant1	89.66	0.47	1.92
NVNT	ax40	5755	Ant1	91.23	0.4	1.92
NVNT	ax40	5795	Ant1	89.66	0.47	1.92
NVNT	ax40	5190	Ant2	89.66	0.47	1.92
NVNT	ax40	5230	Ant2	91.23	0.4	1.92
NVNT	ax40	5270	Ant2	91.23	0.4	1.92
NVNT	ax40	5310	Ant2	91.23	0.4	1.92
NVNT	ax40	5510	Ant2	89.66	0.47	1.92
NVNT	ax40	5550	Ant2	91.23	0.4	1.92
NVNT	ax40	5710	Ant2	91.23	0.4	1.92
NVNT	ax40	5755	Ant2	89.66	0.47	1.92
NVNT	ax40	5795	Ant2	91.23	0.4	1.92
NVNT	ax80	5210	Ant1	84.85	0.71	3.57
NVNT	ax80	5290	Ant1	84.85	0.71	3.57
NVNT	ax80	5530	Ant1	82.35	0.84	3.57
NVNT	ax80	5690	Ant1	82.35	0.84	3.57
NVNT	ax80	5775	Ant1	84.85	0.71	3.57
NVNT	ax80	5210	Ant2	84.85	0.71	3.57
NVNT	ax80	5290	Ant2	84.85	0.71	3.57
NVNT	ax80	5530	Ant2	84.85	0.71	3.57
NVNT	ax80	5690	Ant2	82.35	0.84	3.57
NVNT	ax80	5775	Ant2	84.85	0.71	3.57
NVNT	ax160	5250	Ant1	77.27	1.12	5.88
NVNT	ax160	5570	Ant1	77.27	1.12	5.88
NVNT	ax160	5250	Ant2	77.27	1.12	5.88
NVNT	ax160	5570	Ant2	72.73	1.38	6.25
NVNT	ax20 52@37	5180	Ant1	41.13	3.86	1.15
NVNT	ax20 52@37	5220	Ant1	40.43	3.93	1.17
NVNT	ax20 52@37	5240	Ant1	40.76	3.9	1.16
NVNT	ax20 52@37	5260	Ant1	41.13	3.86	1.15
NVNT	ax20 52@37	5300	Ant1	40.76	3.9	1.16
NVNT	ax20 52@37	5320	Ant1	40.76	3.9	1.16
NVNT	ax20 52@37	5500	Ant1	40.76	3.9	1.16
NVNT	ax20 52@37	5580	Ant1	40.76	3.9	1.16
NVNT	ax20 52@37	5720	Ant1	40.76	3.9	1.16
NVNT	ax20 52@37	5745	Ant1	40.76	3.9	1.16

NVNT	ax20 52@37	5785	Ant1	40.76	3.9	1.16
NVNT	ax20 52@37	5825	Ant1	40.76	3.9	1.16
NVNT	ax20 52@37	5180	Ant2	40.76	3.9	1.16
NVNT	ax20 52@37	5220	Ant2	40.76	3.9	1.16
NVNT	ax20 52@37	5240	Ant2	40.85	3.89	1.15
NVNT	ax20 52@37	5260	Ant2	41.13	3.86	1.15
NVNT	ax20 52@37	5300	Ant2	41.13	3.86	1.15
NVNT	ax20 52@37	5320	Ant2	40.43	3.93	1.17
NVNT	ax20 52@37	5500	Ant2	40.43	3.93	1.17
NVNT	ax20 52@37	5580	Ant2	41.13	3.86	1.15
NVNT	ax20 52@37	5720	Ant2	41.13	3.86	1.15
NVNT	ax20 52@37	5745	Ant2	41.67	3.8	1.11
NVNT	ax20 52@37	5785	Ant2	40.43	3.93	1.17
NVNT	ax20 52@37	5825	Ant2	40.85	3.89	1.15
NVNT	ax40 106@53	5190	Ant1	19.35	7.13	3.33
NVNT	ax40 106@53	5230	Ant1	19.35	7.13	3.33
NVNT	ax40 106@53	5270	Ant1	19.35	7.13	3.33
NVNT	ax40 106@53	5310	Ant1	19.35	7.13	3.33
NVNT	ax40 106@53	5510	Ant1	19.35	7.13	3.33
NVNT	ax40 106@53	5550	Ant1	18.71	7.28	3.45
NVNT	ax40 106@53	5710	Ant1	19.35	7.13	3.33
NVNT	ax40 106@53	5755	Ant1	19.23	7.16	3.33
NVNT	ax40 106@53	5795	Ant1	19.35	7.13	3.33
NVNT	ax40 106@53	5190	Ant2	18.71	7.28	3.45
NVNT	ax40 106@53	5230	Ant2	19.35	7.13	3.33
NVNT	ax40 106@53	5270	Ant2	19.35	7.13	3.33
NVNT	ax40 106@53	5310	Ant2	19.35	7.13	3.33
NVNT	ax40 106@53	5510	Ant2	18.71	7.28	3.45
NVNT	ax40 106@53	5550	Ant2	19.35	7.13	3.33
NVNT	ax40 106@53	5710	Ant2	19.35	7.13	3.33
NVNT	ax40 106@53	5755	Ant2	19.35	7.13	3.33
NVNT	ax40 106@53	5795	Ant2	18.71	7.28	3.45
NVNT	ax80 242@61	5210	Ant1	18.71	7.28	3.45
NVNT	ax80 242@61	5290	Ant1	18.71	7.28	3.45
NVNT	ax80 242@61	5530	Ant1	19.35	7.13	3.33
NVNT	ax80 242@61	5690	Ant1	18.71	7.28	3.45
NVNT	ax80 242@61	5775	Ant1	19.23	7.16	3.33
NVNT	ax80 242@61	5210	Ant2	19.35	7.13	3.33

NVNT	ax80 242@61	5290	Ant2	19.35	7.13	3.33
NVNT	ax80 242@61	5530	Ant2	18.71	7.28	3.45
NVNT	ax80 242@61	5690	Ant2	19.35	7.13	3.33
NVNT	ax80 242@61	5775	Ant2	19.35	7.13	3.33
NVNT	ax160 484@132	5250	Ant1	19.23	7.16	3.33
NVNT	ax160 484@132	5570	Ant1	19.35	7.13	3.33
NVNT	ax160 484@132	5250	Ant2	19.35	7.13	3.33
NVNT	ax160 484@132	5570	Ant2	18.71	7.28	3.45

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	5180	Ant1	22.77	0.18923	29.53	Pass
NVNT	a	5220	Ant1	23.29	0.2133	29.53	Pass
NVNT	a	5240	Ant1	23.06	0.2023	29.53	Pass
NVNT	a	5260	Ant1	19.41	0.0873	23.53	Pass
NVNT	a	5300	Ant1	19.74	0.09419	23.53	Pass
NVNT	a	5320	Ant1	19.63	0.09183	23.53	Pass
NVNT	a	5500	Ant1	18.78	0.07551	23.27	Pass
NVNT	a	5580	Ant1	19.18	0.08279	23.37	Pass
NVNT	a	5720	Ant1	18.64	0.07311	23.29	Pass
NVNT	a	5745	Ant1	22.84	0.19231	29.53	Pass
NVNT	a	5785	Ant1	23.08	0.20324	29.53	Pass
NVNT	a	5825	Ant1	22.78	0.18967	29.53	Pass
NVNT	a	5180	Ant2	23.74	0.23659	29.53	Pass
NVNT	a	5220	Ant2	23.65	0.23174	29.53	Pass
NVNT	a	5240	Ant2	23.37	0.21727	29.53	Pass
NVNT	a	5260	Ant2	19.54	0.08995	23.53	Pass
NVNT	a	5300	Ant2	20.05	0.10116	23.53	Pass
NVNT	a	5320	Ant2	20.16	0.10375	23.53	Pass
NVNT	a	5500	Ant2	19.4	0.0871	23.3	Pass
NVNT	a	5580	Ant2	20.13	0.10304	23.53	Pass
NVNT	a	5720	Ant2	19.06	0.08054	23.53	Pass
NVNT	a	5745	Ant2	23.34	0.21577	29.53	Pass
NVNT	a	5785	Ant2	23.37	0.21727	29.53	Pass
NVNT	a	5825	Ant2	22.97	0.19815	29.53	Pass
NVNT	n20	5180	Ant1	22.97	0.19815	29.53	Pass
NVNT	n20	5220	Ant1	23.3	0.2138	29.53	Pass
NVNT	n20	5240	Ant1	23.14	0.20606	29.53	Pass
NVNT	n20	5260	Ant1	19.48	0.08872	23.53	Pass
NVNT	n20	5300	Ant1	19.81	0.09572	23.53	Pass
NVNT	n20	5320	Ant1	19.52	0.08954	23.53	Pass
NVNT	n20	5500	Ant1	18.59	0.07228	23.47	Pass
NVNT	n20	5580	Ant1	19.06	0.08054	23.48	Pass
NVNT	n20	5720	Ant1	18.5	0.07079	23.48	Pass

NVNT	n20	5745	Ant1	22.77	0.18923	29.53	Pass
NVNT	n20	5785	Ant1	23.1	0.20417	29.53	Pass
NVNT	n20	5825	Ant1	22.72	0.18707	29.53	Pass
NVNT	n20	5180	Ant2	23.72	0.2355	29.53	Pass
NVNT	n20	5220	Ant2	23.69	0.23388	29.53	Pass
NVNT	n20	5240	Ant2	23.4	0.21878	29.53	Pass
NVNT	n20	5260	Ant2	19.41	0.0873	23.53	Pass
NVNT	n20	5300	Ant2	19.99	0.09977	23.53	Pass
NVNT	n20	5320	Ant2	20.05	0.10116	23.53	Pass
NVNT	n20	5500	Ant2	19.31	0.08531	23.49	Pass
NVNT	n20	5580	Ant2	20.15	0.10351	23.53	Pass
NVNT	n20	5720	Ant2	18.95	0.07852	23.53	Pass
NVNT	n20	5745	Ant2	23.3	0.2138	29.53	Pass
NVNT	n20	5785	Ant2	23.31	0.21429	29.53	Pass
NVNT	n20	5825	Ant2	22.92	0.19588	29.53	Pass
NVNT	n40	5190	Ant1	18.12	0.06486	29.53	Pass
NVNT	n40	5230	Ant1	18.33	0.06808	29.53	Pass
NVNT	n40	5270	Ant1	18.35	0.06839	23.53	Pass
NVNT	n40	5310	Ant1	18.86	0.07691	23.53	Pass
NVNT	n40	5510	Ant1	17.76	0.0597	23.53	Pass
NVNT	n40	5550	Ant1	18.39	0.06902	23.53	Pass
NVNT	n40	5710	Ant1	17.9	0.06166	23.53	Pass
NVNT	n40	5755	Ant1	18	0.0631	29.53	Pass
NVNT	n40	5795	Ant1	18.14	0.06516	29.53	Pass
NVNT	n40	5190	Ant2	19.04	0.08017	29.53	Pass
NVNT	n40	5230	Ant2	18.63	0.07295	29.53	Pass
NVNT	n40	5270	Ant2	18.87	0.07709	23.53	Pass
NVNT	n40	5310	Ant2	19.15	0.08222	23.53	Pass
NVNT	n40	5510	Ant2	18.62	0.07278	23.53	Pass
NVNT	n40	5550	Ant2	19.29	0.08492	23.53	Pass
NVNT	n40	5710	Ant2	18.29	0.06745	23.53	Pass
NVNT	n40	5755	Ant2	18.73	0.07464	29.53	Pass
NVNT	n40	5795	Ant2	18.71	0.0743	29.53	Pass
NVNT	ac20	5180	Ant1	20.16	0.10375	29.53	Pass
NVNT	ac20	5220	Ant1	20.4	0.10965	29.53	Pass
NVNT	ac20	5240	Ant1	20.24	0.10568	29.53	Pass
NVNT	ac20	5260	Ant1	20.58	0.11429	23.46	Pass
NVNT	ac20	5300	Ant1	20.96	0.12474	23.49	Pass

NVNT	ac20	5320	Ant1	20.74	0.11858	23.5	Pass
NVNT	ac20	5500	Ant1	19.83	0.09616	23.47	Pass
NVNT	ac20	5580	Ant1	20.29	0.10691	23.45	Pass
NVNT	ac20	5720	Ant1	19.78	0.09506	23.46	Pass
NVNT	ac20	5745	Ant1	19.88	0.09727	29.53	Pass
NVNT	ac20	5785	Ant1	20.25	0.10593	29.53	Pass
NVNT	ac20	5825	Ant1	19.88	0.09727	29.53	Pass
NVNT	ac20	5180	Ant2	20.87	0.12218	29.53	Pass
NVNT	ac20	5220	Ant2	20.72	0.11803	29.53	Pass
NVNT	ac20	5240	Ant2	20.51	0.11246	29.53	Pass
NVNT	ac20	5260	Ant2	20.54	0.11324	23.47	Pass
NVNT	ac20	5300	Ant2	21	0.12589	23.49	Pass
NVNT	ac20	5320	Ant2	21.13	0.12972	23.48	Pass
NVNT	ac20	5500	Ant2	20.41	0.1099	23.46	Pass
NVNT	ac20	5580	Ant2	21.17	0.13092	23.47	Pass
NVNT	ac20	5720	Ant2	20.11	0.10257	23.5	Pass
NVNT	ac20	5745	Ant2	20.61	0.11508	29.53	Pass
NVNT	ac20	5785	Ant2	20.67	0.11668	29.53	Pass
NVNT	ac20	5825	Ant2	20.14	0.10328	29.53	Pass
NVNT	ac40	5190	Ant1	20.03	0.10069	29.53	Pass
NVNT	ac40	5230	Ant1	20.33	0.10789	29.53	Pass
NVNT	ac40	5270	Ant1	20.33	0.10789	23.53	Pass
NVNT	ac40	5310	Ant1	20.78	0.11967	23.53	Pass
NVNT	ac40	5510	Ant1	19.77	0.09484	23.53	Pass
NVNT	ac40	5550	Ant1	20.39	0.1094	23.53	Pass
NVNT	ac40	5710	Ant1	19.83	0.09616	23.53	Pass
NVNT	ac40	5755	Ant1	20.09	0.10209	29.53	Pass
NVNT	ac40	5795	Ant1	20.09	0.10209	29.53	Pass
NVNT	ac40	5190	Ant2	20.89	0.12274	29.53	Pass
NVNT	ac40	5230	Ant2	20.57	0.11402	29.53	Pass
NVNT	ac40	5270	Ant2	20.74	0.11858	23.53	Pass
NVNT	ac40	5310	Ant2	20.93	0.12388	23.53	Pass
NVNT	ac40	5510	Ant2	20.31	0.1074	23.53	Pass
NVNT	ac40	5550	Ant2	21.06	0.12764	23.53	Pass
NVNT	ac40	5710	Ant2	20.17	0.10399	23.53	Pass
NVNT	ac40	5755	Ant2	20.56	0.11376	29.53	Pass
NVNT	ac40	5795	Ant2	20.51	0.11246	29.53	Pass
NVNT	ac80	5210	Ant1	20.25	0.10593	29.53	Pass

NVNT	ac80	5290	Ant1	20.64	0.11588	23.53	Pass
NVNT	ac80	5530	Ant1	20.14	0.10328	23.53	Pass
NVNT	ac80	5690	Ant1	19.87	0.09705	23.53	Pass
NVNT	ac80	5775	Ant1	19.98	0.09954	29.53	Pass
NVNT	ac80	5210	Ant2	20.85	0.12162	29.53	Pass
NVNT	ac80	5290	Ant2	20.88	0.12246	23.53	Pass
NVNT	ac80	5530	Ant2	20.87	0.12218	23.53	Pass
NVNT	ac80	5690	Ant2	20.6	0.11482	23.53	Pass
NVNT	ac80	5775	Ant2	20.62	0.11535	29.53	Pass
NVNT	ax20	5180	Ant1	18.19	0.06592	29.53	Pass
NVNT	ax20	5220	Ant1	18.42	0.0695	29.53	Pass
NVNT	ax20	5240	Ant1	18.31	0.06776	29.53	Pass
NVNT	ax20	5260	Ant1	18.68	0.07379	23.53	Pass
NVNT	ax20	5300	Ant1	19.1	0.08128	23.53	Pass
NVNT	ax20	5320	Ant1	18.84	0.07656	23.53	Pass
NVNT	ax20	5500	Ant1	17.91	0.0618	23.53	Pass
NVNT	ax20	5580	Ant1	18.46	0.07015	23.53	Pass
NVNT	ax20	5720	Ant1	17.88	0.06138	23.53	Pass
NVNT	ax20	5745	Ant1	18.01	0.06324	29.53	Pass
NVNT	ax20	5785	Ant1	18.24	0.06668	29.53	Pass
NVNT	ax20	5825	Ant1	17.91	0.0618	29.53	Pass
NVNT	ax20	5180	Ant2	19.03	0.07998	29.53	Pass
NVNT	ax20	5220	Ant2	18.86	0.07691	29.53	Pass
NVNT	ax20	5240	Ant2	18.67	0.07362	29.53	Pass
NVNT	ax20	5260	Ant2	18.65	0.07328	23.53	Pass
NVNT	ax20	5300	Ant2	19.16	0.08241	23.53	Pass
NVNT	ax20	5320	Ant2	19.27	0.08453	23.53	Pass
NVNT	ax20	5500	Ant2	18.53	0.07129	23.53	Pass
NVNT	ax20	5580	Ant2	19.27	0.08453	23.53	Pass
NVNT	ax20	5720	Ant2	18.29	0.06745	23.53	Pass
NVNT	ax20	5745	Ant2	18.67	0.07362	29.53	Pass
NVNT	ax20	5785	Ant2	18.76	0.07516	29.53	Pass
NVNT	ax20	5825	Ant2	18.35	0.06839	29.53	Pass
NVNT	ax40	5190	Ant1	18.2	0.06607	29.53	Pass
NVNT	ax40	5230	Ant1	18.34	0.06823	29.53	Pass
NVNT	ax40	5270	Ant1	18.49	0.07063	23.53	Pass
NVNT	ax40	5310	Ant1	18.88	0.07727	23.53	Pass
NVNT	ax40	5510	Ant1	17.88	0.06138	23.53	Pass

NVNT	ax40	5550	Ant1	18.46	0.07015	23.53	Pass
NVNT	ax40	5710	Ant1	17.93	0.06209	23.53	Pass
NVNT	ax40	5755	Ant1	18.08	0.06427	29.53	Pass
NVNT	ax40	5795	Ant1	18.19	0.06592	29.53	Pass
NVNT	ax40	5190	Ant2	19.06	0.08054	29.53	Pass
NVNT	ax40	5230	Ant2	18.76	0.07516	29.53	Pass
NVNT	ax40	5270	Ant2	19.01	0.07962	23.53	Pass
NVNT	ax40	5310	Ant2	19.25	0.08414	23.53	Pass
NVNT	ax40	5510	Ant2	18.58	0.07211	23.53	Pass
NVNT	ax40	5550	Ant2	19.31	0.08531	23.53	Pass
NVNT	ax40	5710	Ant2	18.42	0.0695	23.53	Pass
NVNT	ax40	5755	Ant2	18.81	0.07603	29.53	Pass
NVNT	ax40	5795	Ant2	18.72	0.07447	29.53	Pass
NVNT	ax80	5210	Ant1	18.38	0.06887	29.53	Pass
NVNT	ax80	5290	Ant1	18.77	0.07534	23.53	Pass
NVNT	ax80	5530	Ant1	18.13	0.06501	23.53	Pass
NVNT	ax80	5690	Ant1	17.92	0.06194	23.53	Pass
NVNT	ax80	5775	Ant1	18.13	0.06501	29.53	Pass
NVNT	ax80	5210	Ant2	19.04	0.08017	29.53	Pass
NVNT	ax80	5290	Ant2	19.01	0.07962	23.53	Pass
NVNT	ax80	5530	Ant2	19.06	0.08054	23.53	Pass
NVNT	ax80	5690	Ant2	18.8	0.07586	23.53	Pass
NVNT	ax80	5775	Ant2	18.71	0.0743	29.53	Pass
NVNT	ax160	5250	Ant1	18.73	0.07464	23.53	Pass
NVNT	ax160	5570	Ant1	18.59	0.07228	23.53	Pass
NVNT	ax160	5250	Ant2	18.7	0.07413	23.53	Pass
NVNT	ax160	5570	Ant2	19.63	0.09183	23.53	Pass
NVNT	ax20 52@37	5180	Ant1	9.38	0.00867	29.53	Pass
NVNT	ax20 52@37	5220	Ant1	9.21	0.00834	29.53	Pass
NVNT	ax20 52@37	5240	Ant1	8.35	0.00684	29.53	Pass
NVNT	ax20 52@37	5260	Ant1	9.2	0.00832	23.4	Pass
NVNT	ax20 52@37	5300	Ant1	8.72	0.00745	23.45	Pass
NVNT	ax20 52@37	5320	Ant1	8.28	0.00673	23.4	Pass
NVNT	ax20 52@37	5500	Ant1	10.58	0.01143	23.53	Pass
NVNT	ax20 52@37	5580	Ant1	9.39	0.00869	23.36	Pass
NVNT	ax20 52@37	5720	Ant1	11.64	0.01459	23.53	Pass
NVNT	ax20 52@37	5745	Ant1	12.19	0.01656	29.53	Pass
NVNT	ax20 52@37	5785	Ant1	14.35	0.02723	29.53	Pass

NVNT	ax20 52@37	5825	Ant1	15.44	0.03499	29.53	Pass
NVNT	ax20 52@37	5180	Ant2	13.39	0.02183	29.53	Pass
NVNT	ax20 52@37	5220	Ant2	13.38	0.02178	29.53	Pass
NVNT	ax20 52@37	5240	Ant2	12.76	0.01888	29.53	Pass
NVNT	ax20 52@37	5260	Ant2	12.99	0.01991	23.46	Pass
NVNT	ax20 52@37	5300	Ant2	12.88	0.01941	23.36	Pass
NVNT	ax20 52@37	5320	Ant2	12.77	0.01892	23.37	Pass
NVNT	ax20 52@37	5500	Ant2	13.77	0.02382	23.38	Pass
NVNT	ax20 52@37	5580	Ant2	12.41	0.01742	23.34	Pass
NVNT	ax20 52@37	5720	Ant2	12.42	0.01746	23.23	Pass
NVNT	ax20 52@37	5745	Ant2	12.29	0.01694	29.53	Pass
NVNT	ax20 52@37	5785	Ant2	12.47	0.01766	29.53	Pass
NVNT	ax20 52@37	5825	Ant2	11.31	0.01352	29.53	Pass
NVNT	ax40 106@53	5190	Ant1	9.35	0.00861	29.53	Pass
NVNT	ax40 106@53	5230	Ant1	9	0.00794	29.53	Pass
NVNT	ax40 106@53	5270	Ant1	9.19	0.0083	23.36	Pass
NVNT	ax40 106@53	5310	Ant1	8.62	0.00728	23.42	Pass
NVNT	ax40 106@53	5510	Ant1	10.38	0.01091	23.35	Pass
NVNT	ax40 106@53	5550	Ant1	10.21	0.0105	23.38	Pass
NVNT	ax40 106@53	5710	Ant1	11.59	0.01442	23.44	Pass
NVNT	ax40 106@53	5755	Ant1	12.58	0.01811	29.53	Pass
NVNT	ax40 106@53	5795	Ant1	14.73	0.02972	29.53	Pass
NVNT	ax40 106@53	5190	Ant2	13.95	0.02483	29.53	Pass
NVNT	ax40 106@53	5230	Ant2	13.92	0.02466	29.53	Pass
NVNT	ax40 106@53	5270	Ant2	14.02	0.02523	23.37	Pass
NVNT	ax40 106@53	5310	Ant2	13.64	0.02312	23.36	Pass
NVNT	ax40 106@53	5510	Ant2	14.58	0.02871	23.43	Pass
NVNT	ax40 106@53	5550	Ant2	14.09	0.02564	23.39	Pass
NVNT	ax40 106@53	5710	Ant2	13.27	0.02123	23.36	Pass
NVNT	ax40 106@53	5755	Ant2	13.61	0.02296	29.53	Pass
NVNT	ax40 106@53	5795	Ant2	13.42	0.02198	29.53	Pass
NVNT	ax80 242@61	5210	Ant1	9.38	0.00867	29.53	Pass
NVNT	ax80 242@61	5290	Ant1	8.68	0.00738	23.53	Pass
NVNT	ax80 242@61	5530	Ant1	10.02	0.01005	23.53	Pass
NVNT	ax80 242@61	5690	Ant1	11.1	0.01288	23.53	Pass
NVNT	ax80 242@61	5775	Ant1	11.98	0.01578	29.53	Pass
NVNT	ax80 242@61	5210	Ant2	13.4	0.02188	29.53	Pass
NVNT	ax80 242@61	5290	Ant2	13.04	0.02014	23.53	Pass

NVNT	ax80 242@61	5530	Ant2	14.1	0.0257	23.53	Pass
NVNT	ax80 242@61	5690	Ant2	14.18	0.02618	23.53	Pass
NVNT	ax80 242@61	5775	Ant2	13.28	0.02128	29.53	Pass
NVNT	ax160 484@132	5250	Ant1	9.43	0.00877	23.53	Pass
NVNT	ax160 484@132	5570	Ant1	10.17	0.0104	23.53	Pass
NVNT	ax160 484@132	5250	Ant2	12.53	0.01791	23.53	Pass
NVNT	ax160 484@132	5570	Ant2	13.73	0.0236	23.53	Pass

A.3. Emission Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	18.914	Pass
NVNT	a	5220	Ant1	21.338	Pass
NVNT	a	5240	Ant1	21.356	Pass
NVNT	a	5260	Ant1	24.582	Pass
NVNT	a	5300	Ant1	26.968	Pass
NVNT	a	5320	Ant1	25.587	Pass
NVNT	a	5500	Ant1	18.784	Pass
NVNT	a	5580	Ant1	19.239	Pass
NVNT	a	5720	Ant1	18.86	Pass
NVNT	a	5180	Ant2	21.354	Pass
NVNT	a	5220	Ant2	23.554	Pass
NVNT	a	5240	Ant2	24.696	Pass
NVNT	a	5260	Ant2	23.814	Pass
NVNT	a	5300	Ant2	27.059	Pass
NVNT	a	5320	Ant2	26.858	Pass
NVNT	a	5500	Ant2	18.939	Pass
NVNT	a	5580	Ant2	23.661	Pass
NVNT	a	5720	Ant2	19.996	Pass
NVNT	n20	5180	Ant1	19.74	Pass
NVNT	n20	5220	Ant1	22.167	Pass
NVNT	n20	5240	Ant1	22.863	Pass
NVNT	n20	5260	Ant1	23.045	Pass
NVNT	n20	5300	Ant1	26.463	Pass
NVNT	n20	5320	Ant1	25.154	Pass
NVNT	n20	5500	Ant1	19.673	Pass
NVNT	n20	5580	Ant1	19.744	Pass
NVNT	n20	5720	Ant1	19.723	Pass
NVNT	n20	5180	Ant2	20.905	Pass
NVNT	n20	5220	Ant2	25.568	Pass
NVNT	n20	5240	Ant2	25.784	Pass
NVNT	n20	5260	Ant2	25.627	Pass
NVNT	n20	5300	Ant2	26.616	Pass
NVNT	n20	5320	Ant2	26.553	Pass
NVNT	n20	5500	Ant2	19.77	Pass
NVNT	n20	5580	Ant2	25.681	Pass

NVNT	n20	5720	Ant2	19.982	Pass
NVNT	n40	5190	Ant1	39.3	Pass
NVNT	n40	5230	Ant1	39.579	Pass
NVNT	n40	5270	Ant1	39.638	Pass
NVNT	n40	5310	Ant1	39.531	Pass
NVNT	n40	5510	Ant1	39.485	Pass
NVNT	n40	5550	Ant1	39.488	Pass
NVNT	n40	5710	Ant1	39.758	Pass
NVNT	n40	5190	Ant2	39.522	Pass
NVNT	n40	5230	Ant2	39.473	Pass
NVNT	n40	5270	Ant2	39.632	Pass
NVNT	n40	5310	Ant2	39.475	Pass
NVNT	n40	5510	Ant2	39.412	Pass
NVNT	n40	5550	Ant2	39.644	Pass
NVNT	n40	5710	Ant2	39.444	Pass
NVNT	ac20	5180	Ant1	19.668	Pass
NVNT	ac20	5220	Ant1	19.578	Pass
NVNT	ac20	5240	Ant1	19.625	Pass
NVNT	ac20	5260	Ant1	19.615	Pass
NVNT	ac20	5300	Ant1	19.766	Pass
NVNT	ac20	5320	Ant1	19.823	Pass
NVNT	ac20	5500	Ant1	19.677	Pass
NVNT	ac20	5580	Ant1	19.587	Pass
NVNT	ac20	5720	Ant1	19.626	Pass
NVNT	ac20	5180	Ant2	19.692	Pass
NVNT	ac20	5220	Ant2	19.671	Pass
NVNT	ac20	5240	Ant2	19.63	Pass
NVNT	ac20	5260	Ant2	19.672	Pass
NVNT	ac20	5300	Ant2	19.758	Pass
NVNT	ac20	5320	Ant2	19.712	Pass
NVNT	ac20	5500	Ant2	19.621	Pass
NVNT	ac20	5580	Ant2	19.681	Pass
NVNT	ac20	5720	Ant2	19.793	Pass
NVNT	ac40	5190	Ant1	39.518	Pass
NVNT	ac40	5230	Ant1	39.351	Pass
NVNT	ac40	5270	Ant1	39.359	Pass
NVNT	ac40	5310	Ant1	39.497	Pass
NVNT	ac40	5510	Ant1	39.413	Pass

NVNT	ac40	5550	Ant1	39.387	Pass
NVNT	ac40	5710	Ant1	39.394	Pass
NVNT	ac40	5190	Ant2	39.26	Pass
NVNT	ac40	5230	Ant2	39.339	Pass
NVNT	ac40	5270	Ant2	39.345	Pass
NVNT	ac40	5310	Ant2	39.379	Pass
NVNT	ac40	5510	Ant2	39.418	Pass
NVNT	ac40	5550	Ant2	39.461	Pass
NVNT	ac40	5710	Ant2	39.291	Pass
NVNT	ac80	5210	Ant1	86.103	Pass
NVNT	ac80	5290	Ant1	86.115	Pass
NVNT	ac80	5530	Ant1	86.096	Pass
NVNT	ac80	5690	Ant1	85.818	Pass
NVNT	ac80	5210	Ant2	85.9	Pass
NVNT	ac80	5290	Ant2	86.029	Pass
NVNT	ac80	5530	Ant2	85.832	Pass
NVNT	ac80	5690	Ant2	86.176	Pass
NVNT	ax20	5180	Ant1	20.437	Pass
NVNT	ax20	5220	Ant1	20.304	Pass
NVNT	ax20	5240	Ant1	20.335	Pass
NVNT	ax20	5260	Ant1	20.464	Pass
NVNT	ax20	5300	Ant1	20.44	Pass
NVNT	ax20	5320	Ant1	20.445	Pass
NVNT	ax20	5500	Ant1	20.436	Pass
NVNT	ax20	5580	Ant1	20.455	Pass
NVNT	ax20	5720	Ant1	20.457	Pass
NVNT	ax20	5180	Ant2	20.326	Pass
NVNT	ax20	5220	Ant2	20.485	Pass
NVNT	ax20	5240	Ant2	20.399	Pass
NVNT	ax20	5260	Ant2	20.419	Pass
NVNT	ax20	5300	Ant2	20.441	Pass
NVNT	ax20	5320	Ant2	20.461	Pass
NVNT	ax20	5500	Ant2	20.469	Pass
NVNT	ax20	5580	Ant2	20.375	Pass
NVNT	ax20	5720	Ant2	20.473	Pass
NVNT	ax40	5190	Ant1	40.162	Pass
NVNT	ax40	5230	Ant1	40.337	Pass
NVNT	ax40	5270	Ant1	40.345	Pass

NVNT	ax40	5310	Ant1	40.361	Pass
NVNT	ax40	5510	Ant1	40.311	Pass
NVNT	ax40	5550	Ant1	40.262	Pass
NVNT	ax40	5710	Ant1	40.364	Pass
NVNT	ax40	5190	Ant2	40.254	Pass
NVNT	ax40	5230	Ant2	40.348	Pass
NVNT	ax40	5270	Ant2	40.291	Pass
NVNT	ax40	5310	Ant2	40.29	Pass
NVNT	ax40	5510	Ant2	40.197	Pass
NVNT	ax40	5550	Ant2	40.327	Pass
NVNT	ax40	5710	Ant2	40.222	Pass
NVNT	ax80	5210	Ant1	82.206	Pass
NVNT	ax80	5290	Ant1	82.314	Pass
NVNT	ax80	5530	Ant1	82.374	Pass
NVNT	ax80	5690	Ant1	82.375	Pass
NVNT	ax80	5210	Ant2	82.314	Pass
NVNT	ax80	5290	Ant2	82.543	Pass
NVNT	ax80	5530	Ant2	82.383	Pass
NVNT	ax80	5690	Ant2	82.328	Pass
NVNT	ax160	5250	Ant1	166.69	Pass
NVNT	ax160	5570	Ant1	166.512	Pass
NVNT	ax160	5250	Ant2	166.471	Pass
NVNT	ax160	5570	Ant2	166.409	Pass
NVNT	ax20 52@37	5180	Ant1	19.471	Pass
NVNT	ax20 52@37	5220	Ant1	19.077	Pass
NVNT	ax20 52@37	5240	Ant1	19.214	Pass
NVNT	ax20 52@37	5260	Ant1	19.37	Pass
NVNT	ax20 52@37	5300	Ant1	19.607	Pass
NVNT	ax20 52@37	5320	Ant1	19.386	Pass
NVNT	ax20 52@37	5500	Ant1	20.202	Pass
NVNT	ax20 52@37	5580	Ant1	19.18	Pass
NVNT	ax20 52@37	5720	Ant1	20.147	Pass
NVNT	ax20 52@37	5180	Ant2	19.286	Pass
NVNT	ax20 52@37	5220	Ant2	19.154	Pass
NVNT	ax20 52@37	5240	Ant2	19.365	Pass
NVNT	ax20 52@37	5260	Ant2	19.622	Pass
NVNT	ax20 52@37	5300	Ant2	19.186	Pass
NVNT	ax20 52@37	5320	Ant2	19.253	Pass

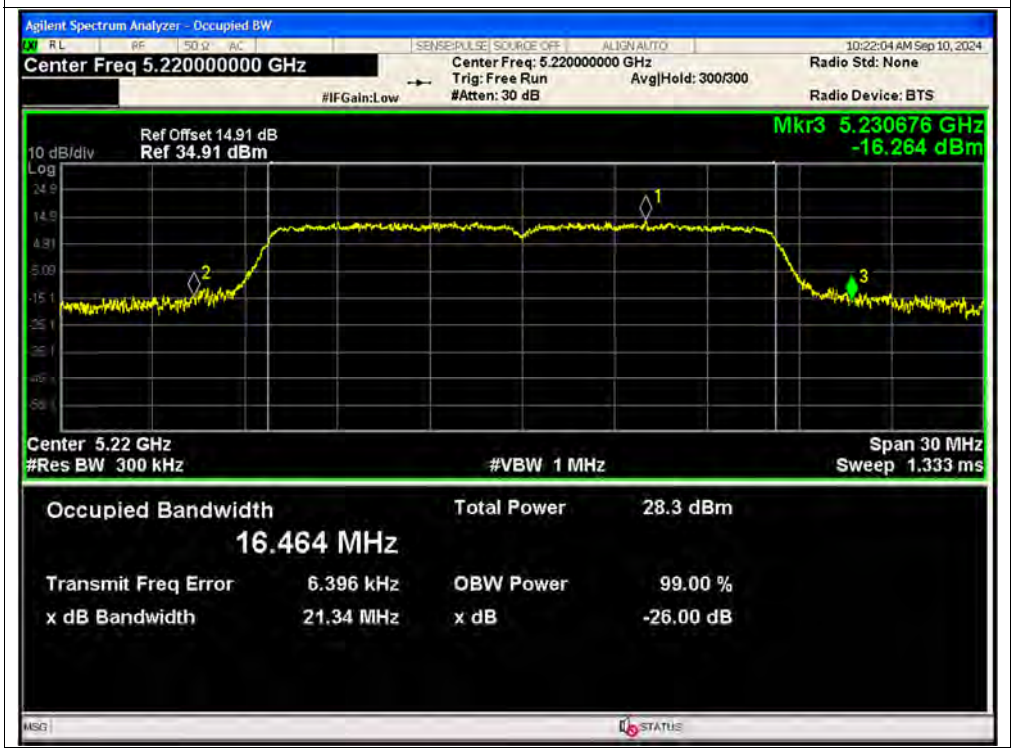
NVNT	ax20 52@37	5500	Ant2	19.258	Pass
NVNT	ax20 52@37	5580	Ant2	19.079	Pass
NVNT	ax20 52@37	5720	Ant2	18.622	Pass
NVNT	ax40 106@53	5190	Ant1	19.317	Pass
NVNT	ax40 106@53	5230	Ant1	19.311	Pass
NVNT	ax40 106@53	5270	Ant1	19.19	Pass
NVNT	ax40 106@53	5310	Ant1	19.439	Pass
NVNT	ax40 106@53	5510	Ant1	19.124	Pass
NVNT	ax40 106@53	5550	Ant1	19.281	Pass
NVNT	ax40 106@53	5710	Ant1	19.564	Pass
NVNT	ax40 106@53	5190	Ant2	19.407	Pass
NVNT	ax40 106@53	5230	Ant2	19.203	Pass
NVNT	ax40 106@53	5270	Ant2	19.227	Pass
NVNT	ax40 106@53	5310	Ant2	19.19	Pass
NVNT	ax40 106@53	5510	Ant2	19.48	Pass
NVNT	ax40 106@53	5550	Ant2	19.32	Pass
NVNT	ax40 106@53	5710	Ant2	19.201	Pass
NVNT	ax80 242@61	5210	Ant1	23.063	Pass
NVNT	ax80 242@61	5530	Ant1	23.219	Pass
NVNT	ax80 242@61	5690	Ant1	23.25	Pass
NVNT	ax80 242@61	5210	Ant2	23.094	Pass
NVNT	ax80 242@61	5530	Ant2	23.09	Pass
NVNT	ax80 242@61	5690	Ant2	23.323	Pass
NVNT	ax160 484@132	5250	Ant1	45.568	Pass
NVNT	ax160 484@132	5570	Ant1	45.655	Pass
NVNT	ax160 484@132	5250	Ant2	45.882	Pass
NVNT	ax160 484@132	5570	Ant2	45.872	Pass

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.314	0.5	Pass
NVNT	a	5785	Ant1	16.296	0.5	Pass
NVNT	a	5825	Ant1	16.071	0.5	Pass
NVNT	a	5745	Ant2	16.301	0.5	Pass
NVNT	a	5785	Ant2	16.305	0.5	Pass
NVNT	a	5825	Ant2	16.302	0.5	Pass
NVNT	n20	5745	Ant1	17.291	0.5	Pass
NVNT	n20	5785	Ant1	17.283	0.5	Pass
NVNT	n20	5825	Ant1	17.173	0.5	Pass
NVNT	n20	5745	Ant2	17.539	0.5	Pass
NVNT	n20	5785	Ant2	17.19	0.5	Pass
NVNT	n20	5825	Ant2	17.185	0.5	Pass
NVNT	n40	5755	Ant1	35.735	0.5	Pass
NVNT	n40	5795	Ant1	35.718	0.5	Pass
NVNT	n40	5755	Ant2	36.279	0.5	Pass
NVNT	n40	5795	Ant2	35.917	0.5	Pass
NVNT	ac20	5745	Ant1	17.279	0.5	Pass
NVNT	ac20	5785	Ant1	17.279	0.5	Pass
NVNT	ac20	5825	Ant1	17.174	0.5	Pass
NVNT	ac20	5745	Ant2	17.272	0.5	Pass
NVNT	ac20	5785	Ant2	17.314	0.5	Pass
NVNT	ac20	5825	Ant2	17.297	0.5	Pass
NVNT	ac40	5755	Ant1	35.732	0.5	Pass
NVNT	ac40	5795	Ant1	35.883	0.5	Pass
NVNT	ac40	5755	Ant2	35.372	0.5	Pass
NVNT	ac40	5795	Ant2	36.021	0.5	Pass
NVNT	ac80	5775	Ant1	75.698	0.5	Pass
NVNT	ac80	5775	Ant2	75.555	0.5	Pass
NVNT	ax20	5745	Ant1	18.717	0.5	Pass
NVNT	ax20	5785	Ant1	18.719	0.5	Pass
NVNT	ax20	5825	Ant1	18.588	0.5	Pass
NVNT	ax20	5745	Ant2	18.637	0.5	Pass
NVNT	ax20	5785	Ant2	18.596	0.5	Pass
NVNT	ax20	5825	Ant2	18.583	0.5	Pass
NVNT	ax40	5755	Ant1	37.34	0.5	Pass

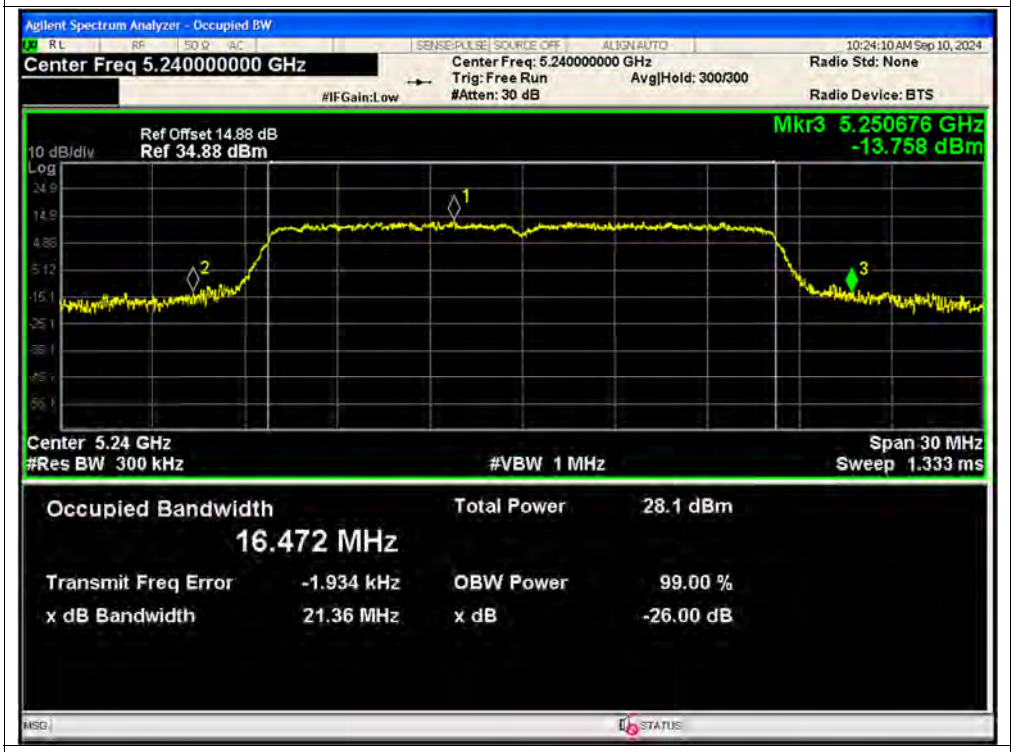
NVNT	ax40	5795	Ant1	36.576	0.5	Pass
NVNT	ax40	5755	Ant2	37.846	0.5	Pass
NVNT	ax40	5795	Ant2	37.796	0.5	Pass
NVNT	ax80	5775	Ant1	76.092	0.5	Pass
NVNT	ax80	5775	Ant2	76.58	0.5	Pass
NVNT	ax20 52@37	5745	Ant1	16.988	0.5	Pass
NVNT	ax20 52@37	5785	Ant1	16.96	0.5	Pass
NVNT	ax20 52@37	5825	Ant1	16.928	0.5	Pass
NVNT	ax20 52@37	5745	Ant2	16.989	0.5	Pass
NVNT	ax20 52@37	5785	Ant2	17.002	0.5	Pass
NVNT	ax20 52@37	5825	Ant2	16.947	0.5	Pass
NVNT	ax40 106@53	5755	Ant1	16.44	0.5	Pass
NVNT	ax40 106@53	5795	Ant1	16.473	0.5	Pass
NVNT	ax40 106@53	5755	Ant2	16.505	0.5	Pass
NVNT	ax40 106@53	5795	Ant2	16.443	0.5	Pass
NVNT	ax80 242@61	5775	Ant1	18.853	0.5	Pass
NVNT	ax80 242@61	5775	Ant2	18.843	0.5	Pass
NVNT	ax20 106@53	5745	Ant1	18.112	0.5	Pass
NVNT	ax20 106@53	5785	Ant1	18.112	0.5	Pass
NVNT	ax20 106@53	5825	Ant1	18.147	0.5	Pass
NVNT	ax20 106@53	5745	Ant2	17.124	0.5	Pass
NVNT	ax20 106@53	5785	Ant2	17.143	0.5	Pass
NVNT	ax20 106@53	5825	Ant2	18.108	0.5	Pass

Test Graphs
-26dB Bandwidth NVNT a 5180MHz Ant1

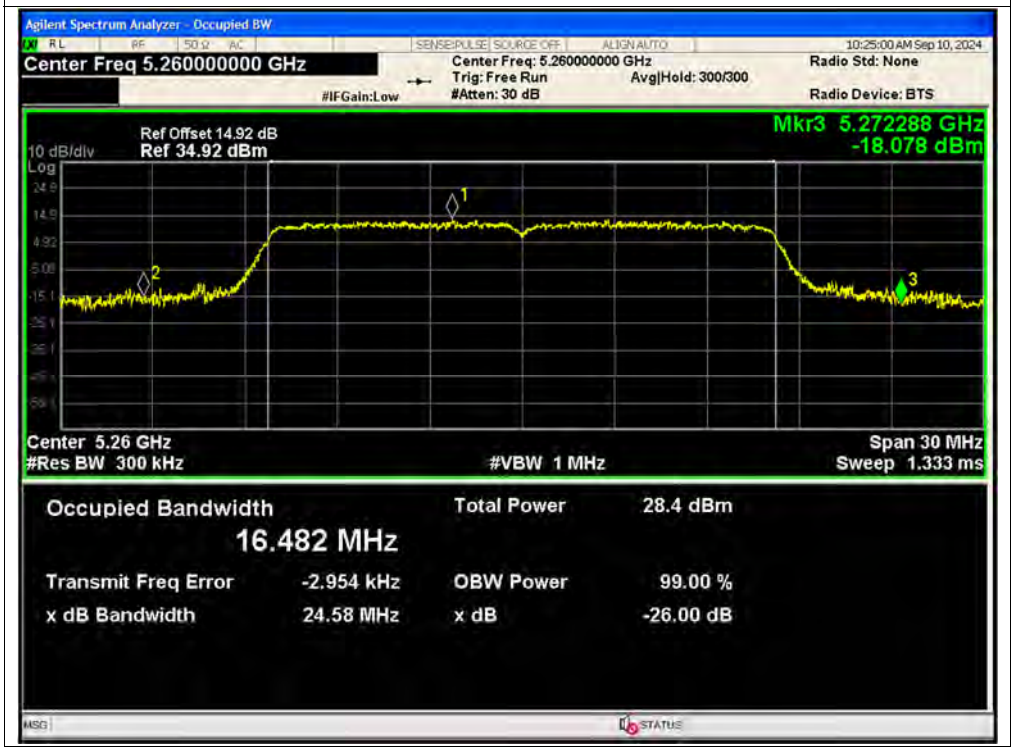
-26dB Bandwidth NVNT a 5220MHz Ant1



-26dB Bandwidth NVNT a 5240MHz Ant1



-26dB Bandwidth NVNT a 5260MHz Ant1

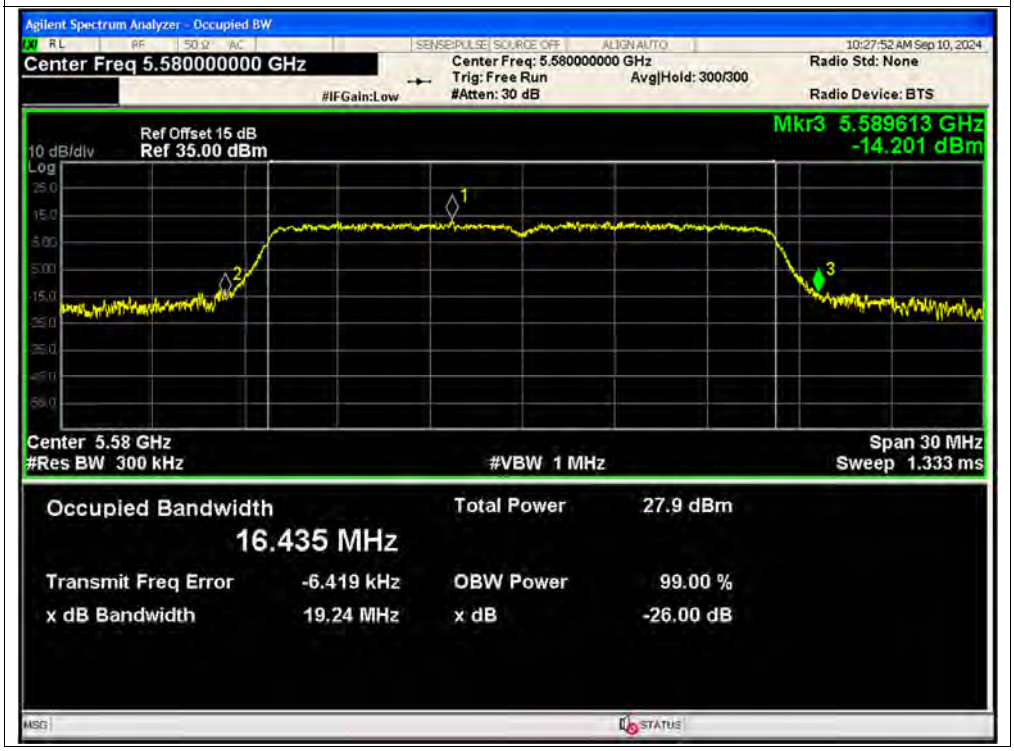


-26dB Bandwidth NVNT a 5300MHz Ant1

-26dB Bandwidth NVNT a 5320MHz Ant1

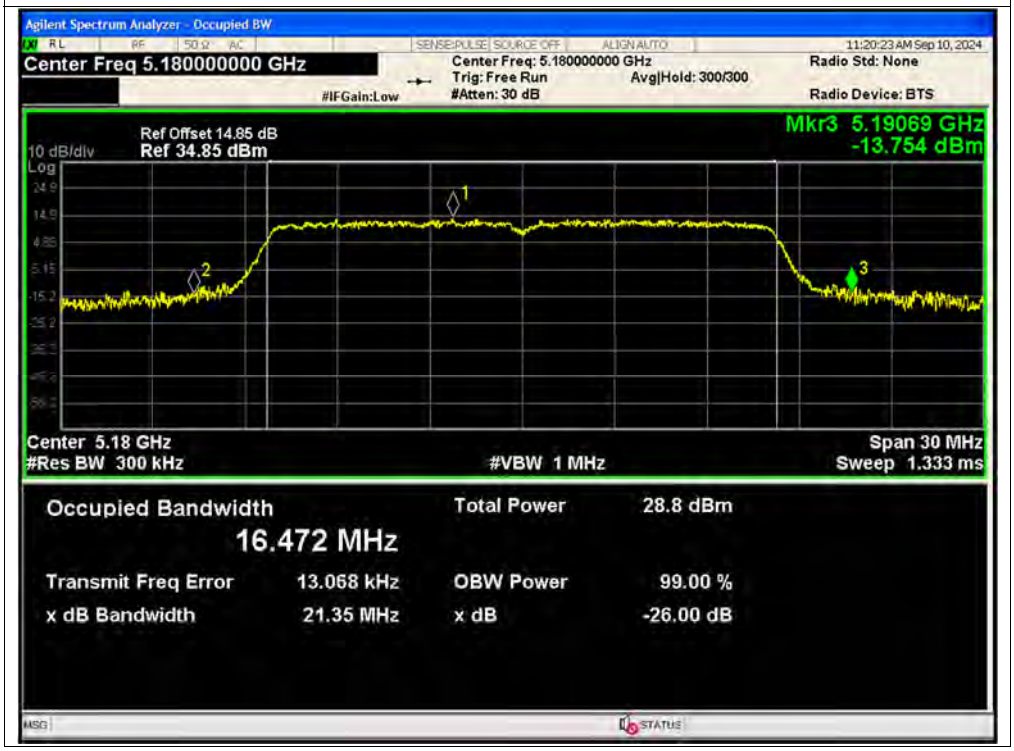
-26dB Bandwidth NVNT a 5500MHz Ant1

-26dB Bandwidth NVNT a 5580MHz Ant1

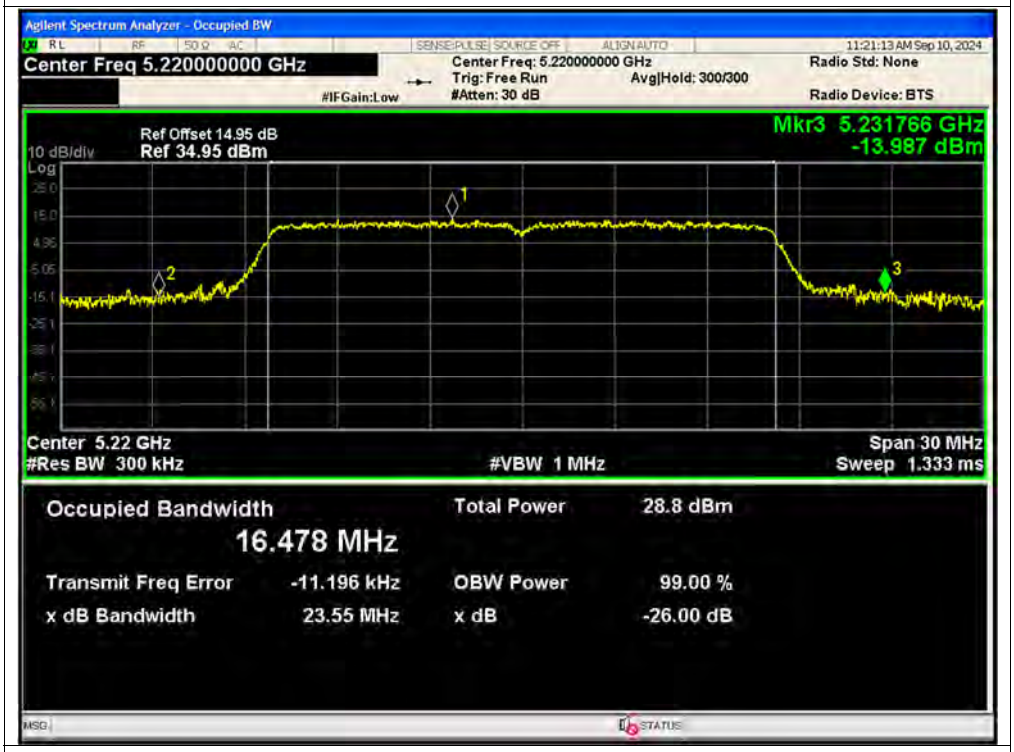


-26dB Bandwidth NVNT a 5720MHz Ant1

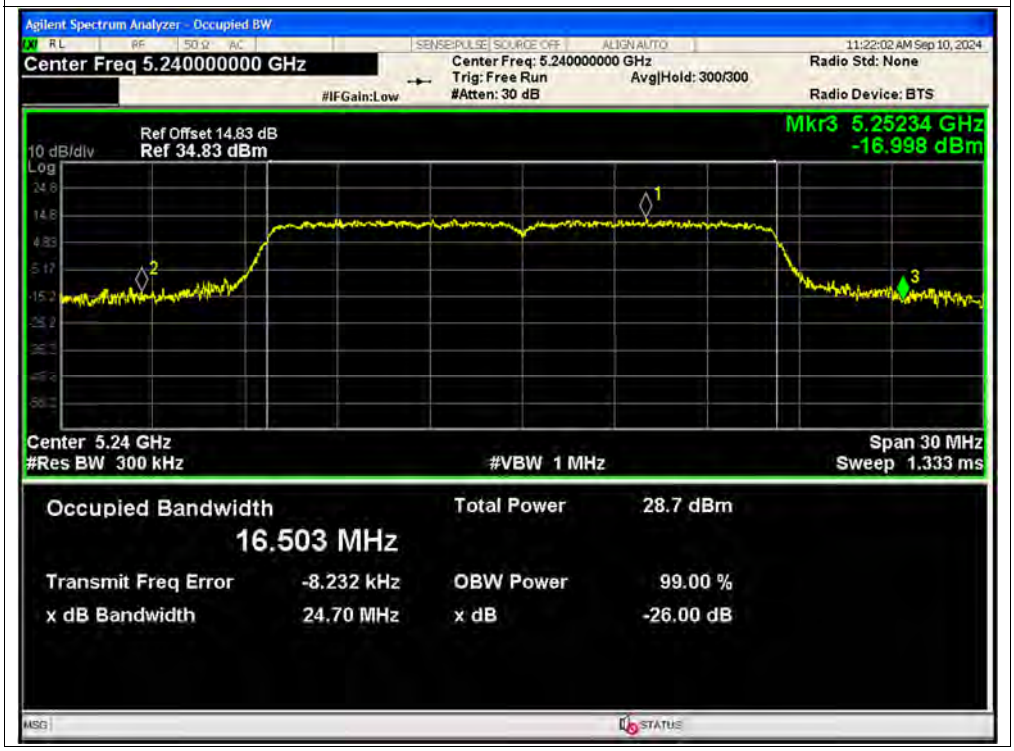
-26dB Bandwidth NVNT a 5180MHz Ant2



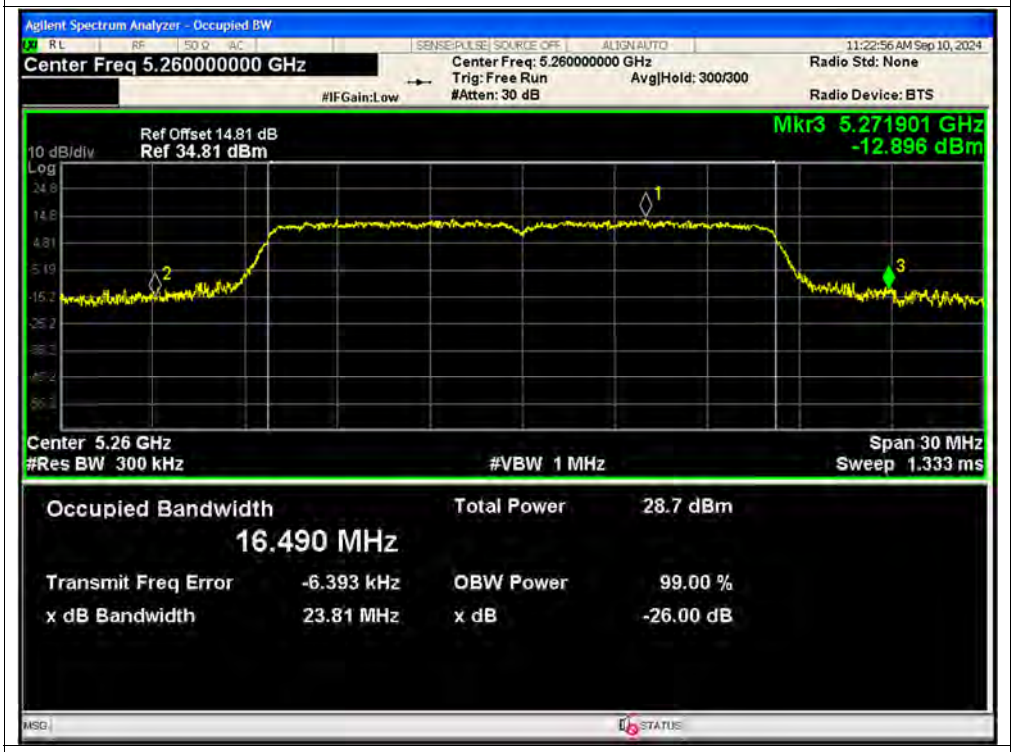
-26dB Bandwidth NVNT a 5220MHz Ant2



-26dB Bandwidth NVNT a 5240MHz Ant2

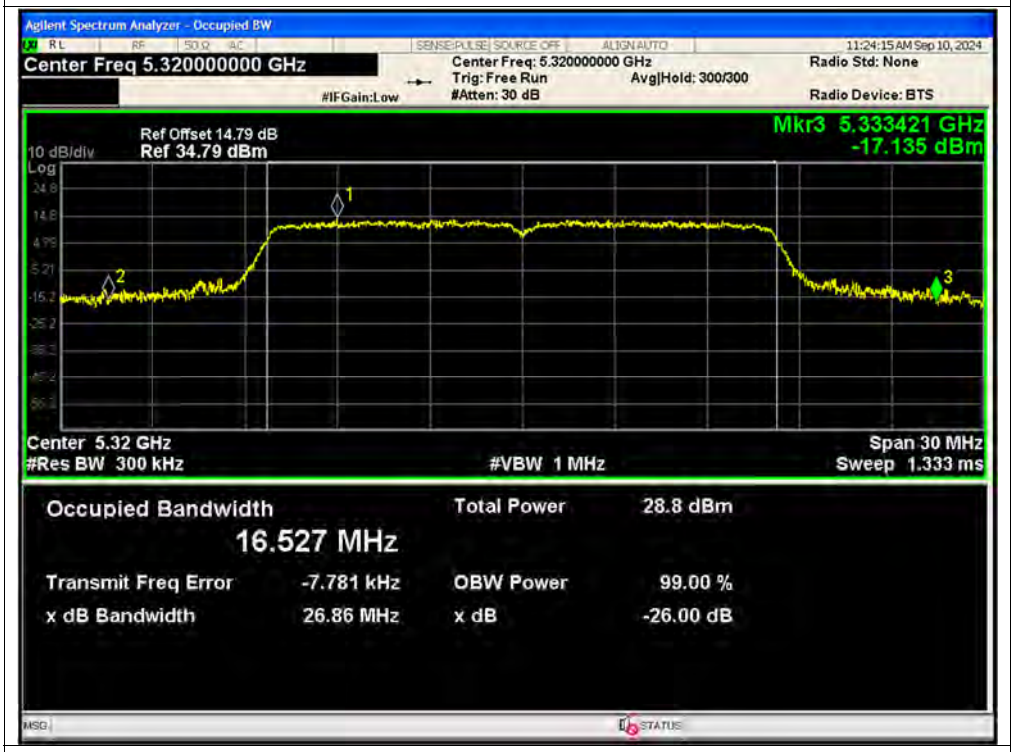


-26dB Bandwidth NVNT a 5260MHz Ant2

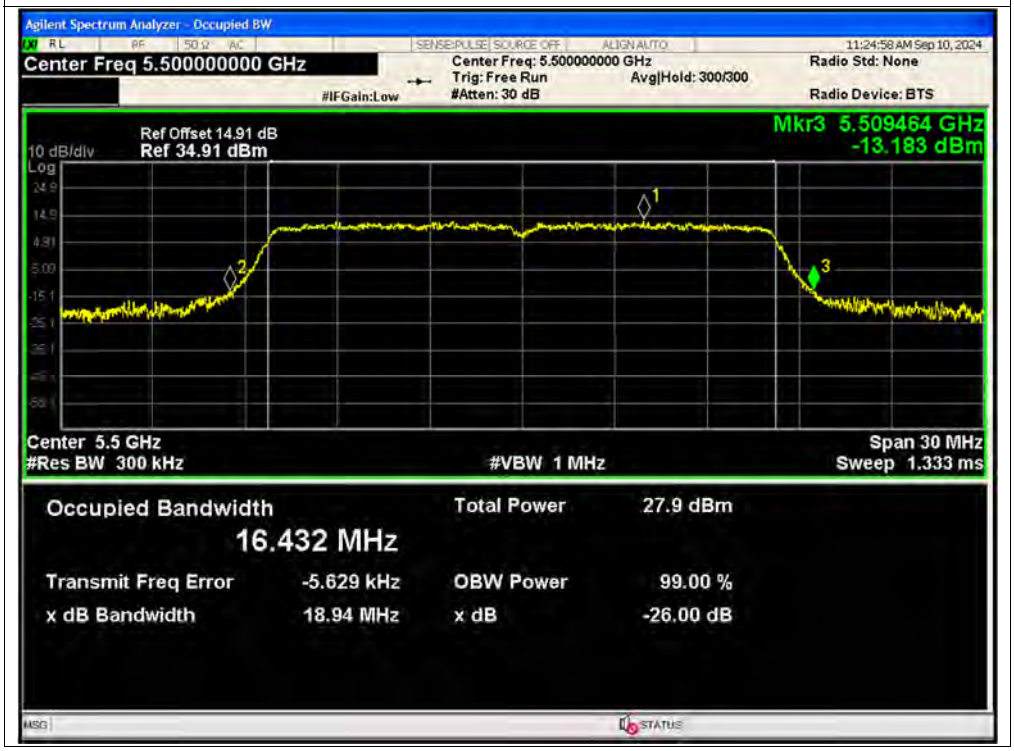


-26dB Bandwidth NVNT a 5300MHz Ant2

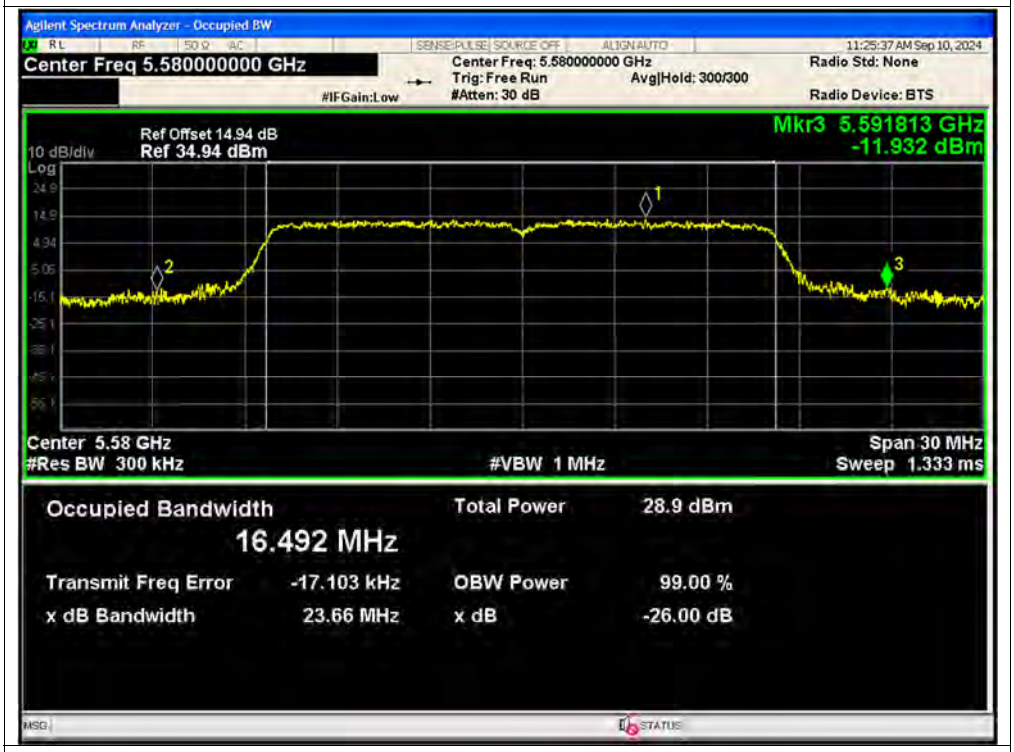
-26dB Bandwidth NVNT a 5320MHz Ant2



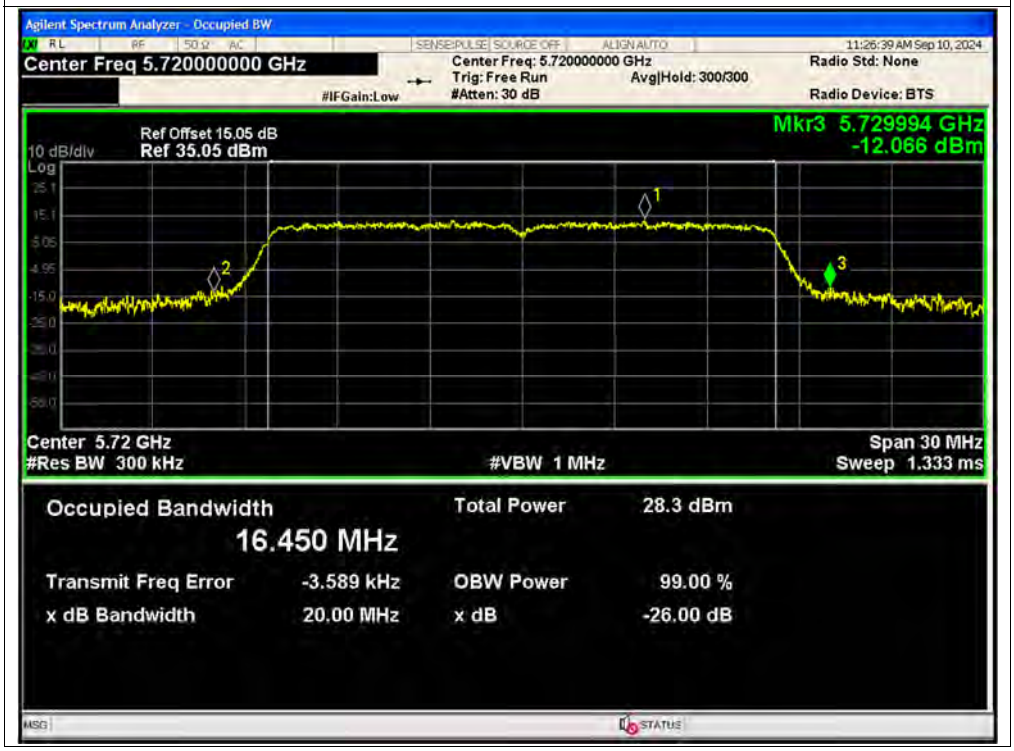
-26dB Bandwidth NVNT a 5500MHz Ant2



-26dB Bandwidth NVNT a 5580MHz Ant2



-26dB Bandwidth NVNT a 5720MHz Ant2

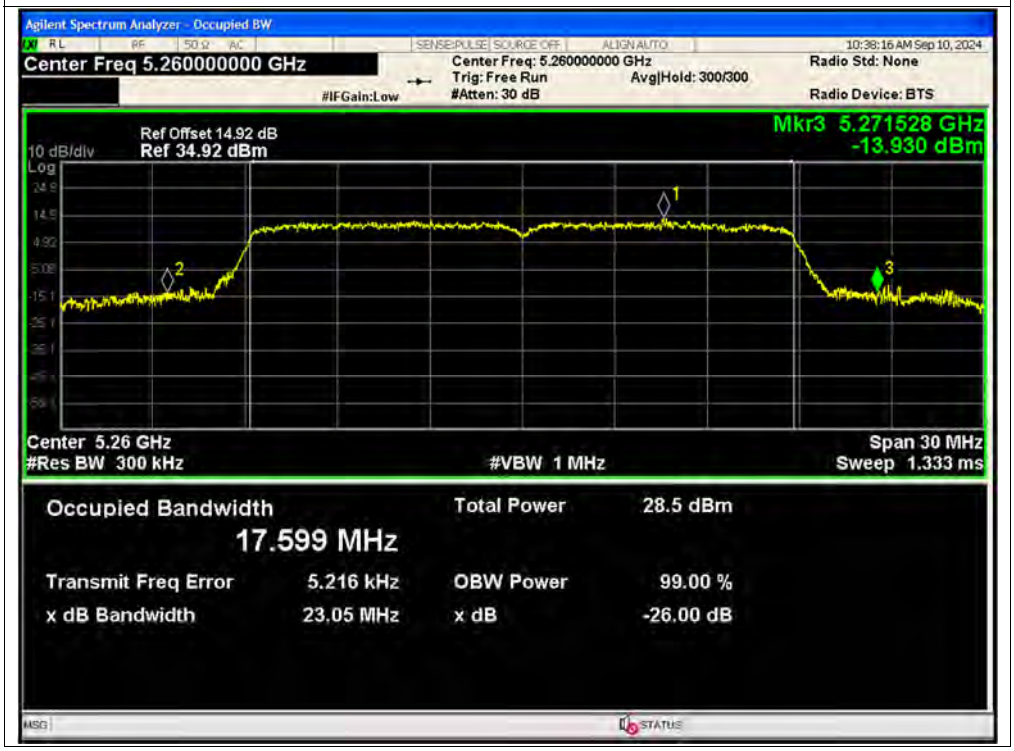


-26dB Bandwidth NVNT n20 5180MHz Ant1

-26dB Bandwidth NVNT n20 5220MHz Ant1

-26dB Bandwidth NVNT n20 5240MHz Ant1

-26dB Bandwidth NVNT n20 5260MHz Ant1



-26dB Bandwidth NVNT n20 5300MHz Ant1

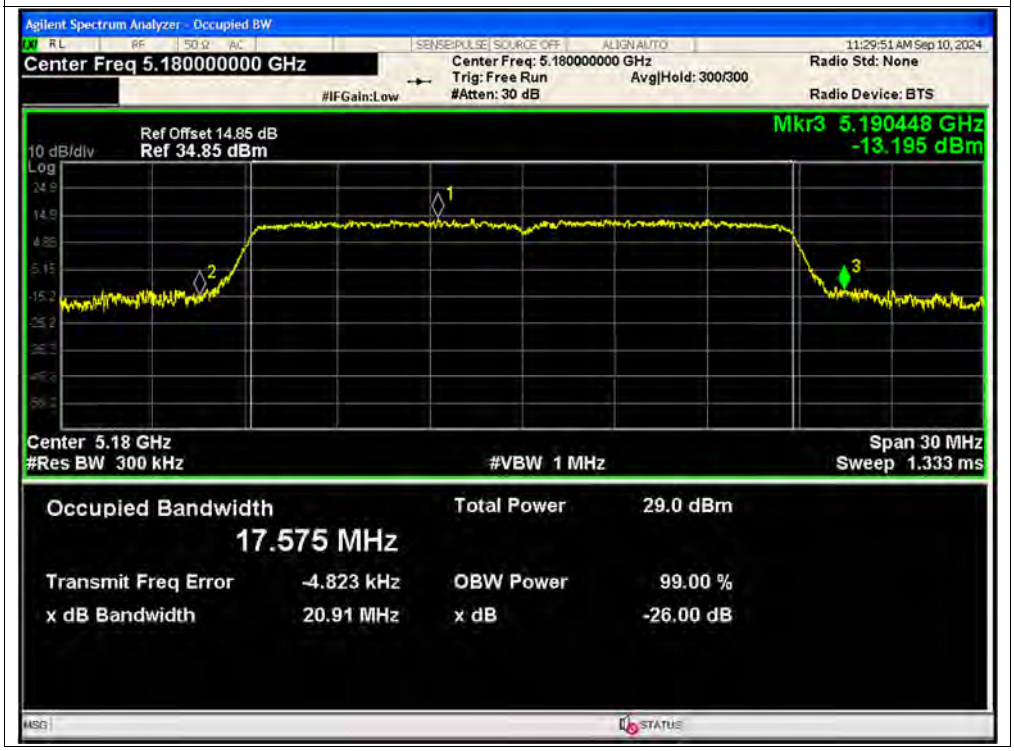
-26dB Bandwidth NVNT n20 5320MHz Ant1

-26dB Bandwidth NVNT n20 5500MHz Ant1

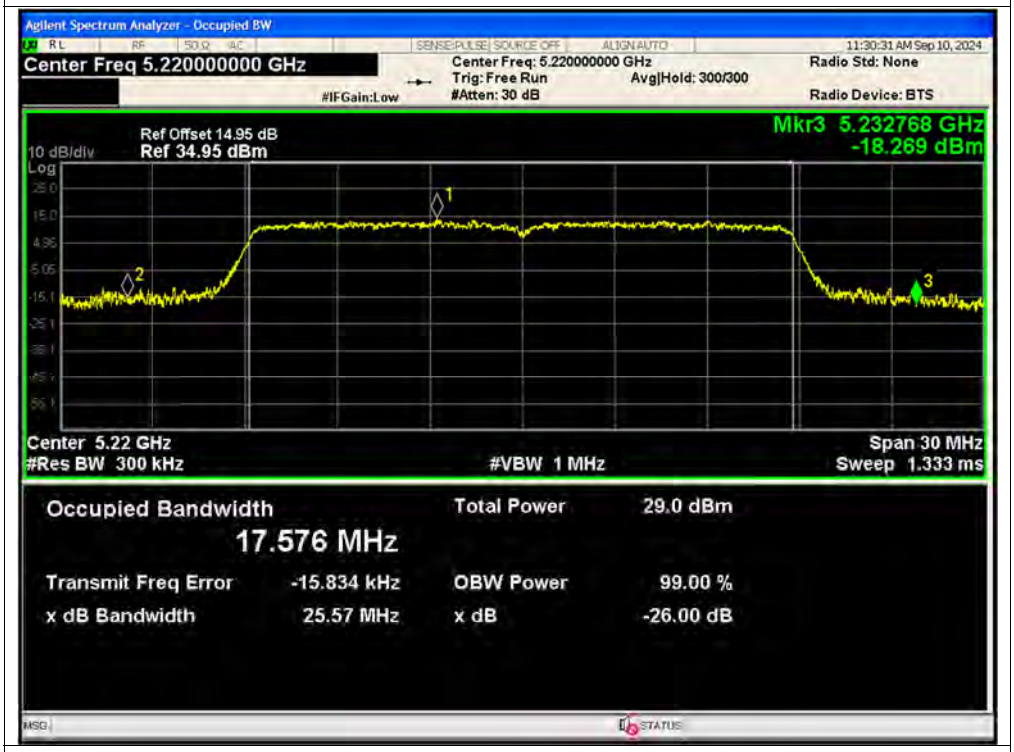
-26dB Bandwidth NVNT n20 5580MHz Ant1

-26dB Bandwidth NVNT n20 5720MHz Ant1

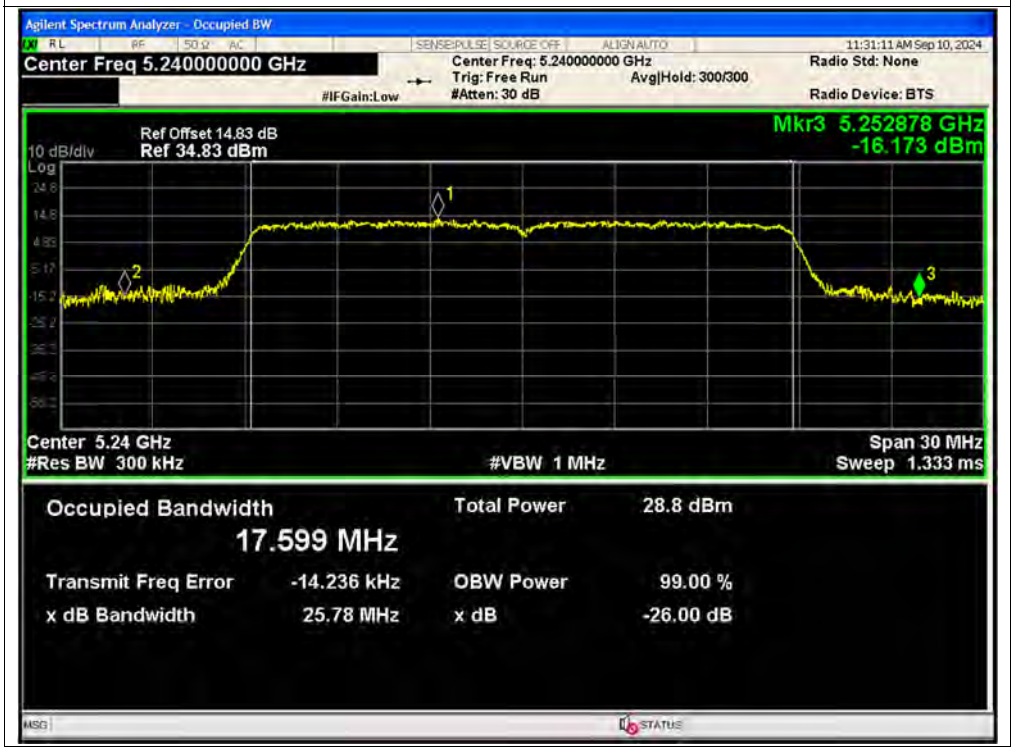
-26dB Bandwidth NVNT n20 5180MHz Ant2



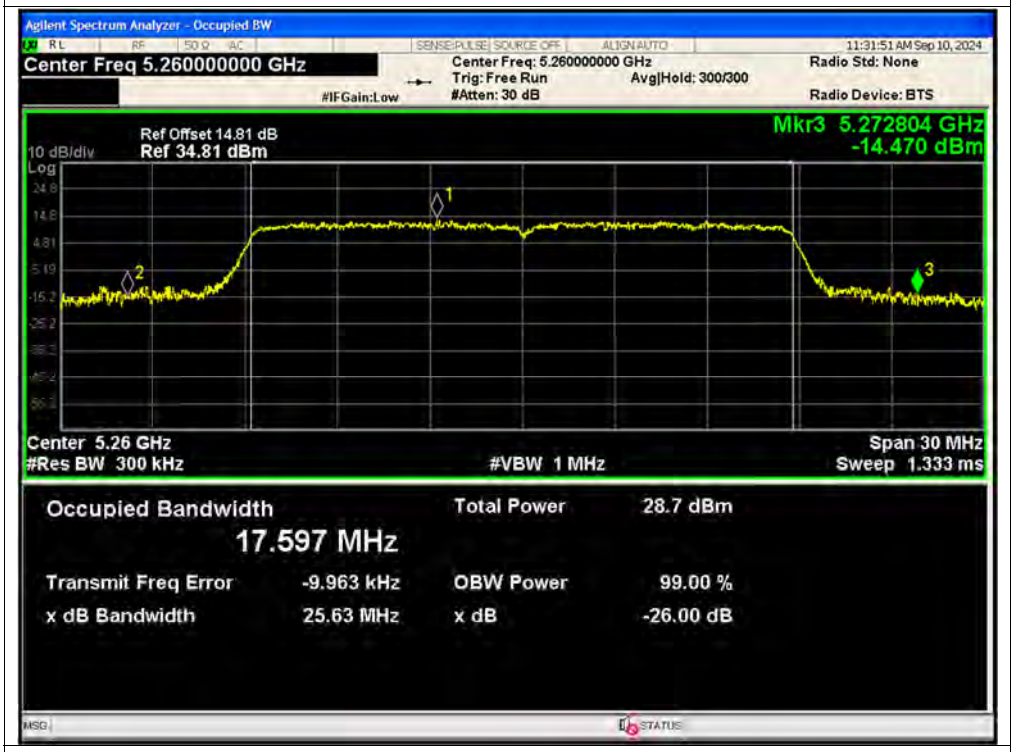
-26dB Bandwidth NVNT n20 5220MHz Ant2



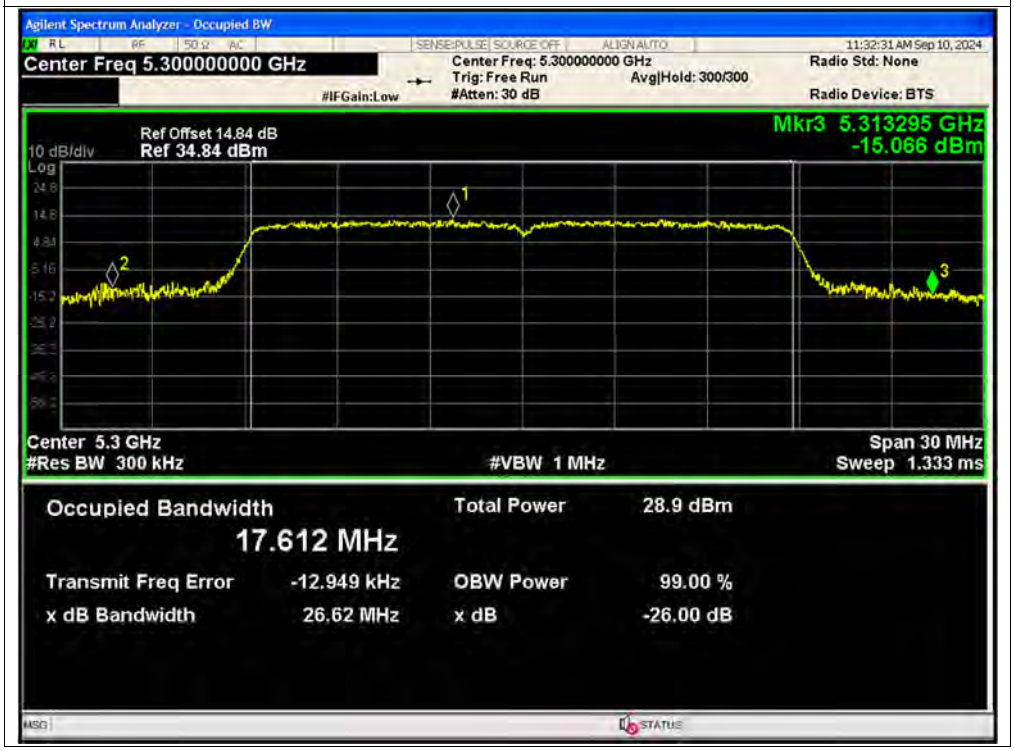
-26dB Bandwidth NVNT n20 5240MHz Ant2



-26dB Bandwidth NVNT n20 5260MHz Ant2



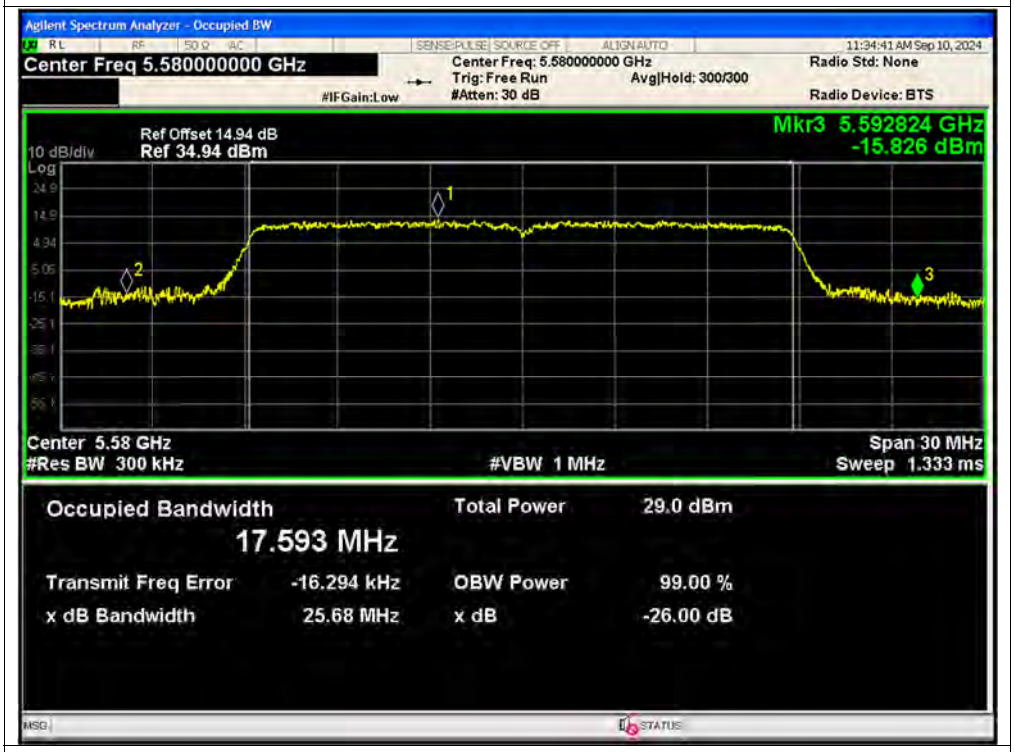
-26dB Bandwidth NVNT n20 5300MHz Ant2



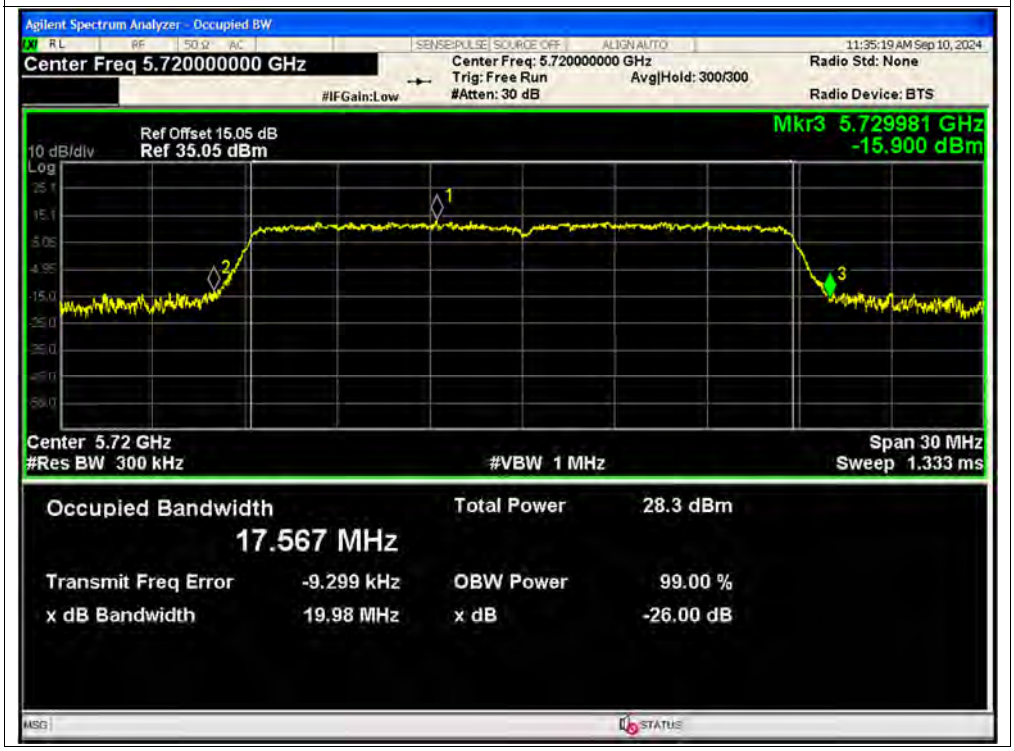
-26dB Bandwidth NVNT n20 5320MHz Ant2

-26dB Bandwidth NVNT n20 5500MHz Ant2

-26dB Bandwidth NVNT n20 5580MHz Ant2

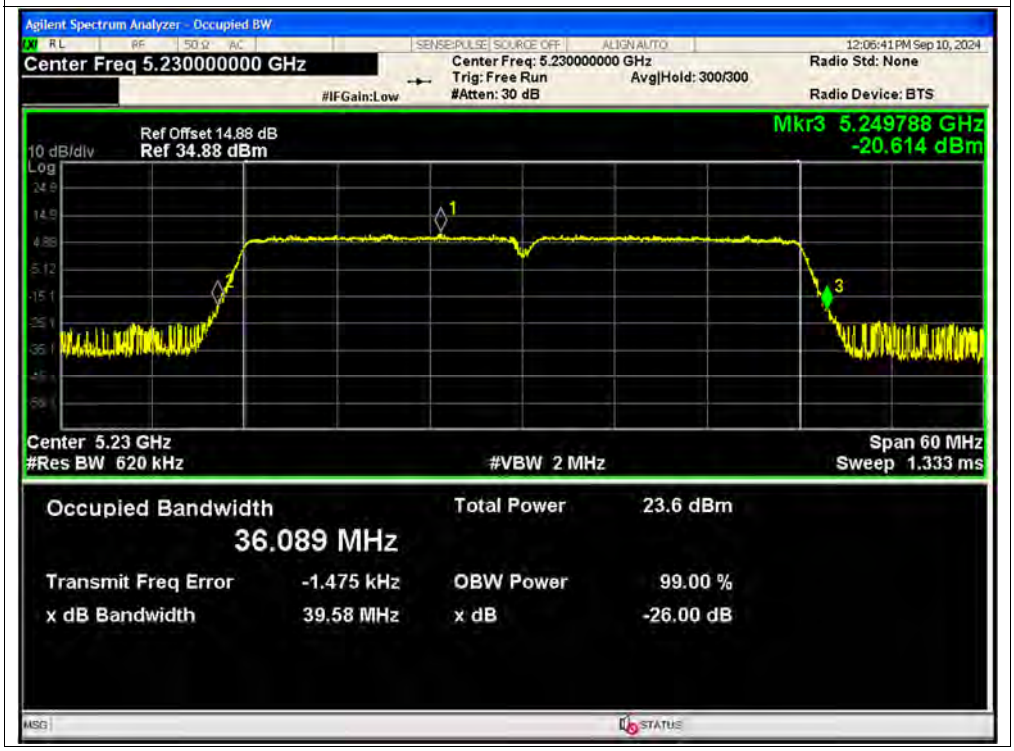


-26dB Bandwidth NVNT n20 5720MHz Ant2



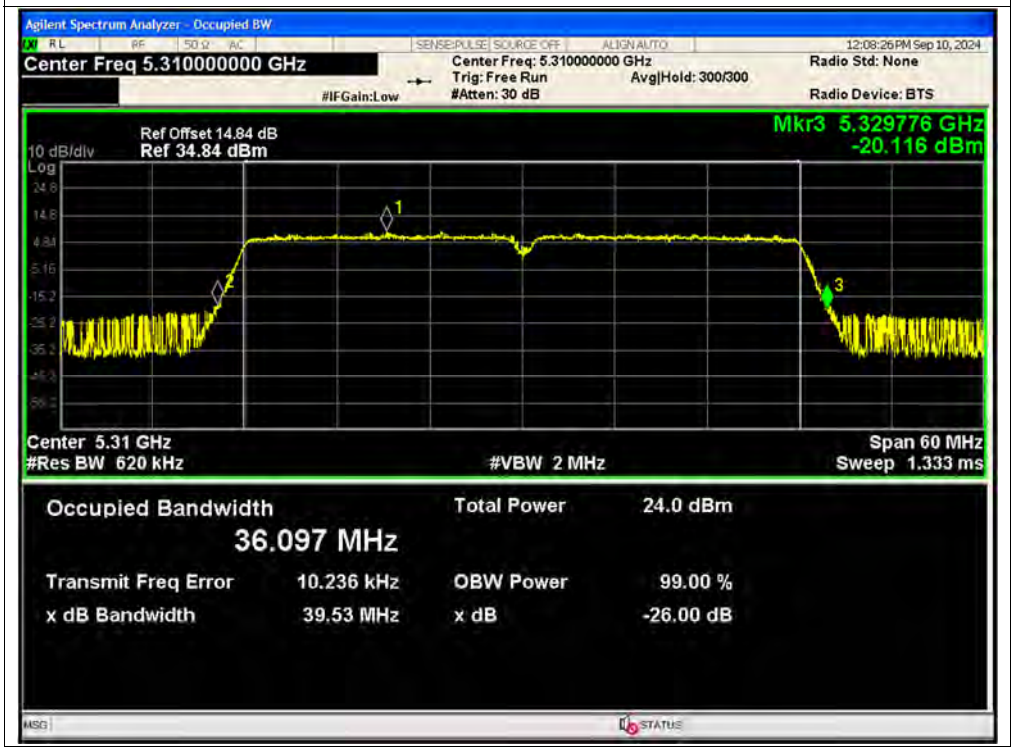
-26dB Bandwidth NVNT n40 5190MHz Ant1

-26dB Bandwidth NVNT n40 5230MHz Ant1

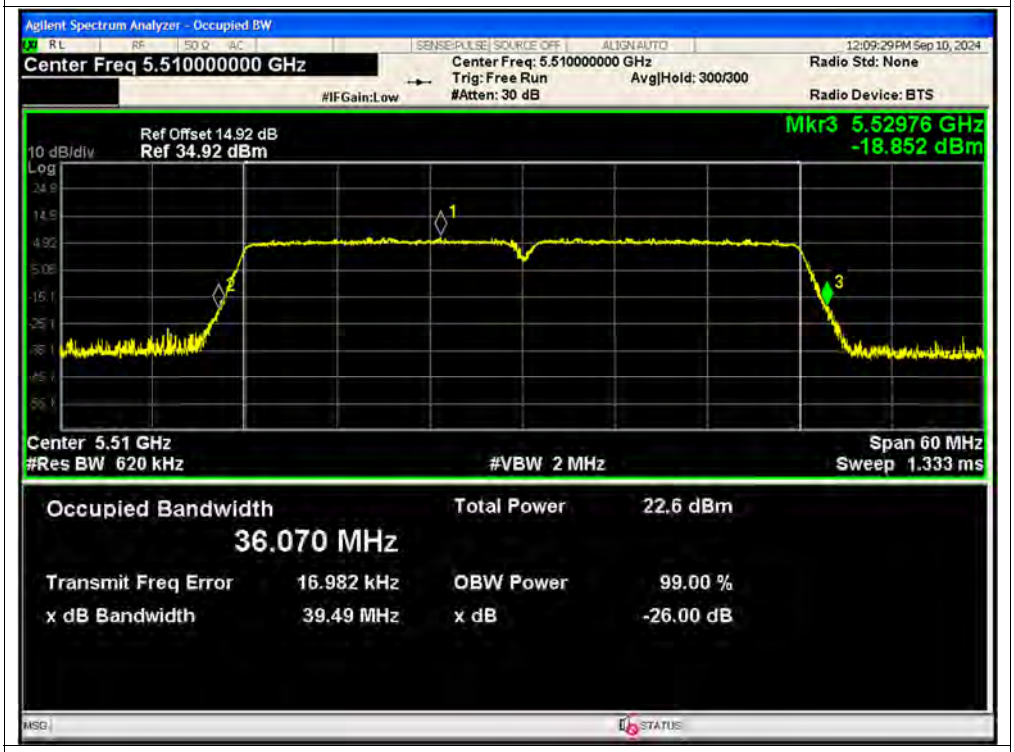


-26dB Bandwidth NVNT n40 5270MHz Ant1

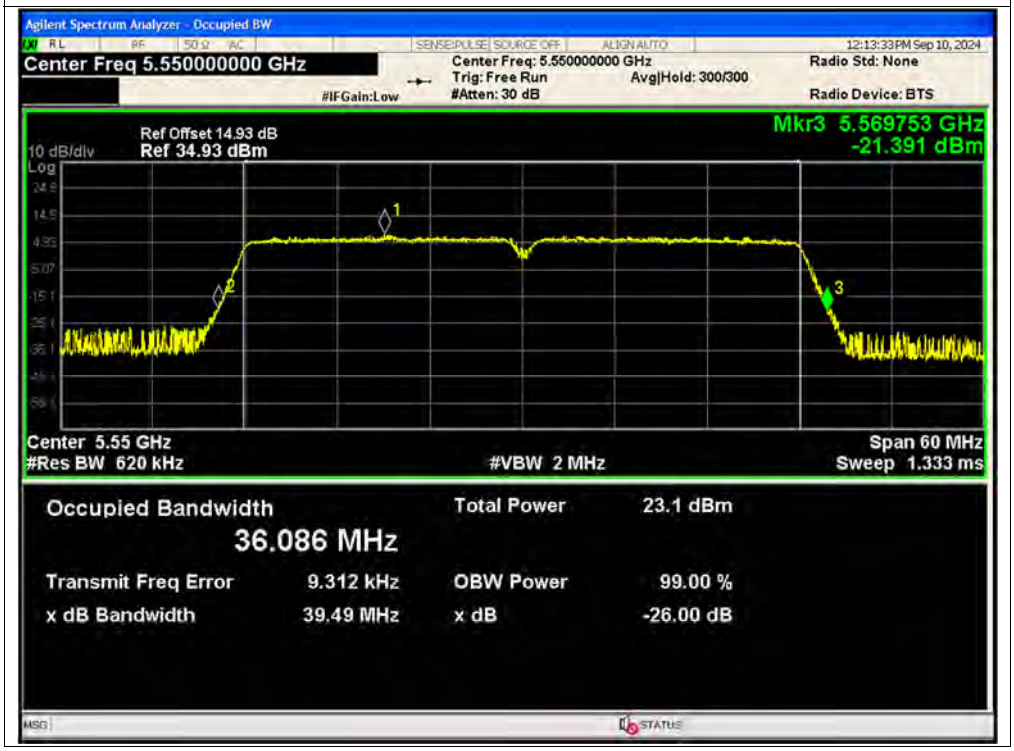
-26dB Bandwidth NVNT n40 5310MHz Ant1



-26dB Bandwidth NVNT n40 5510MHz Ant1



-26dB Bandwidth NVNT n40 5550MHz Ant1



-26dB Bandwidth NVNT n40 5710MHz Ant1

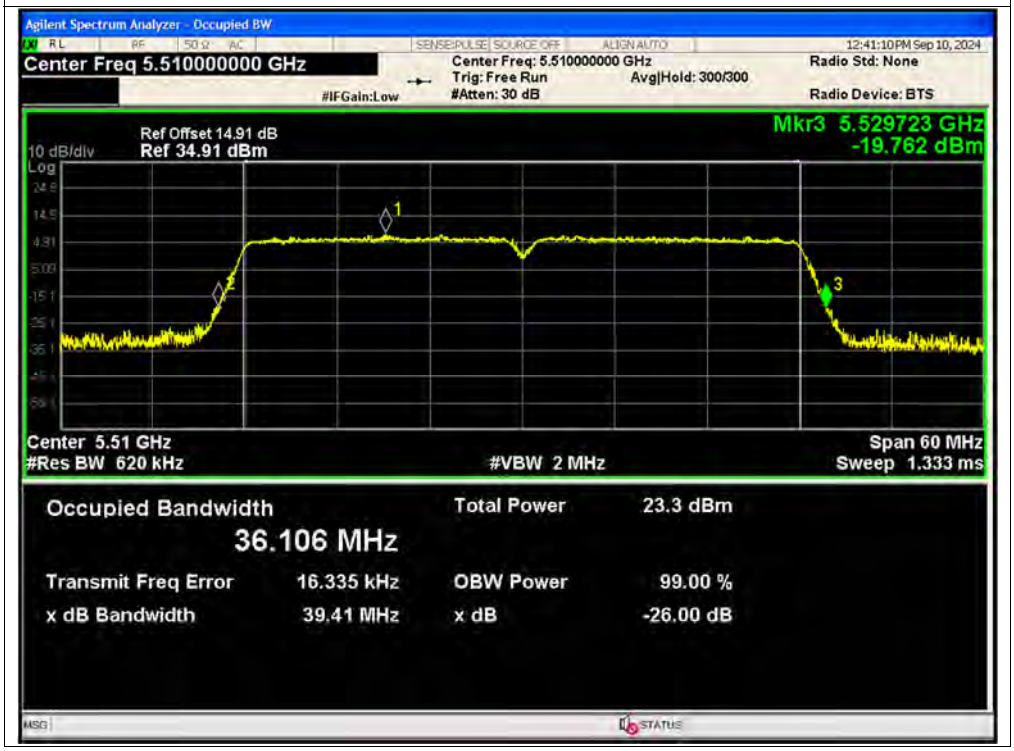
-26dB Bandwidth NVNT n40 5190MHz Ant2

-26dB Bandwidth NVNT n40 5230MHz Ant2

-26dB Bandwidth NVNT n40 5270MHz Ant2

-26dB Bandwidth NVNT n40 5310MHz Ant2

-26dB Bandwidth NVNT n40 5510MHz Ant2

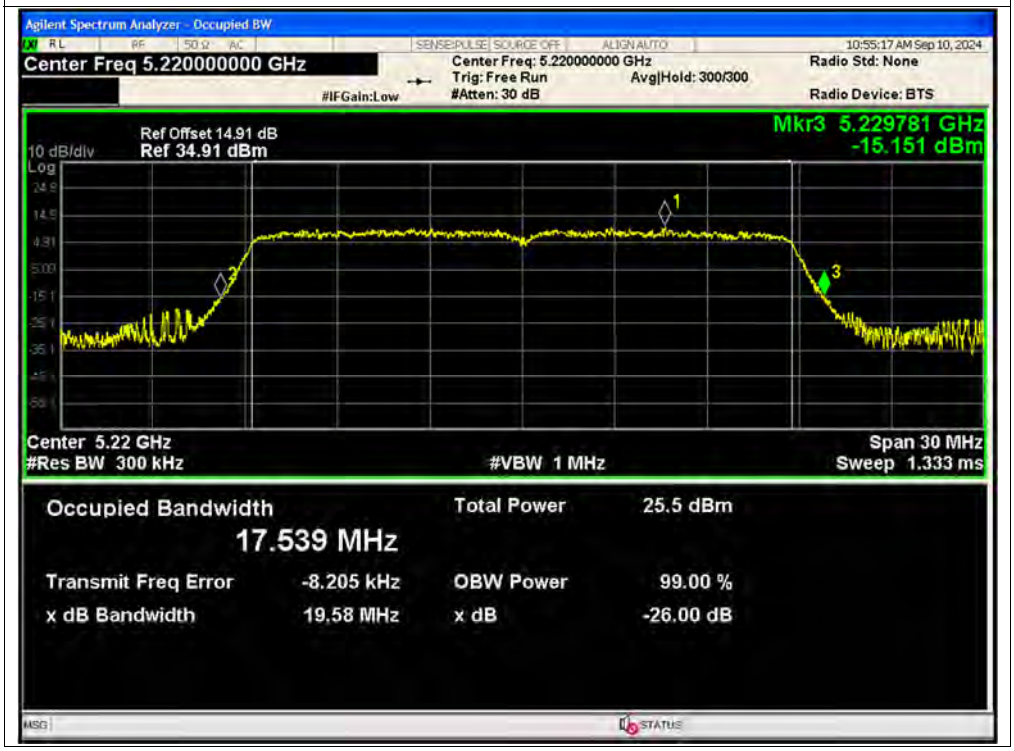


-26dB Bandwidth NVNT n40 5550MHz Ant2

-26dB Bandwidth NVNT n40 5710MHz Ant2

-26dB Bandwidth NVNT ac20 5180MHz Ant1

-26dB Bandwidth NVNT ac20 5220MHz Ant1



-26dB Bandwidth NVNT ac20 5240MHz Ant1

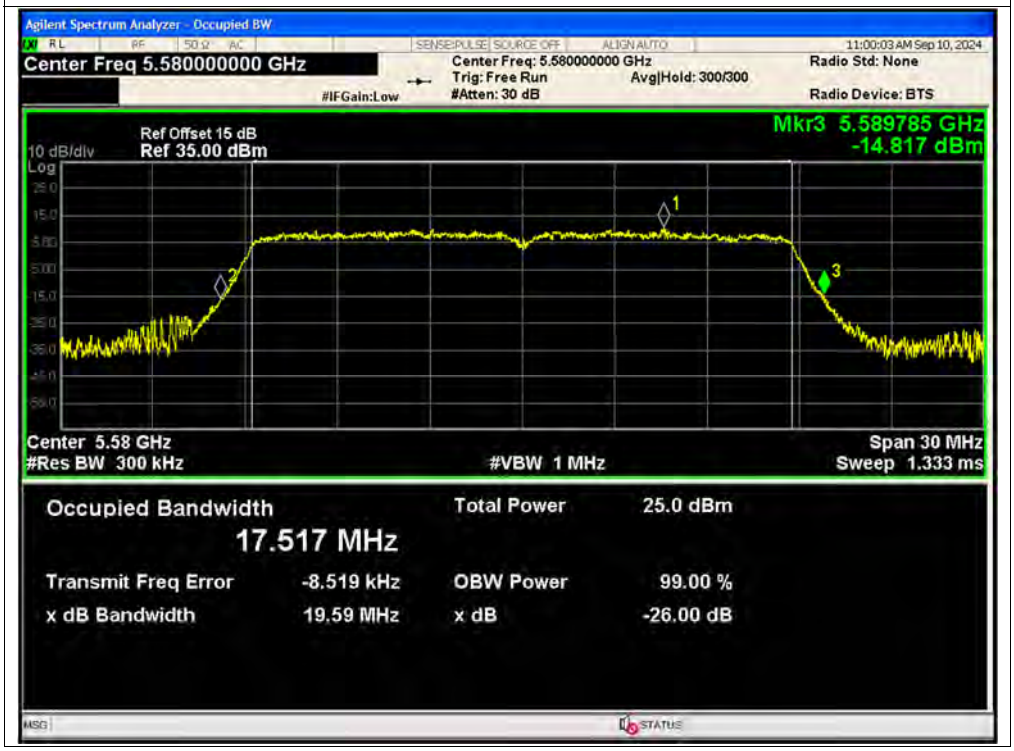
-26dB Bandwidth NVNT ac20 5260MHz Ant1

-26dB Bandwidth NVNT ac20 5300MHz Ant1

-26dB Bandwidth NVNT ac20 5320MHz Ant1

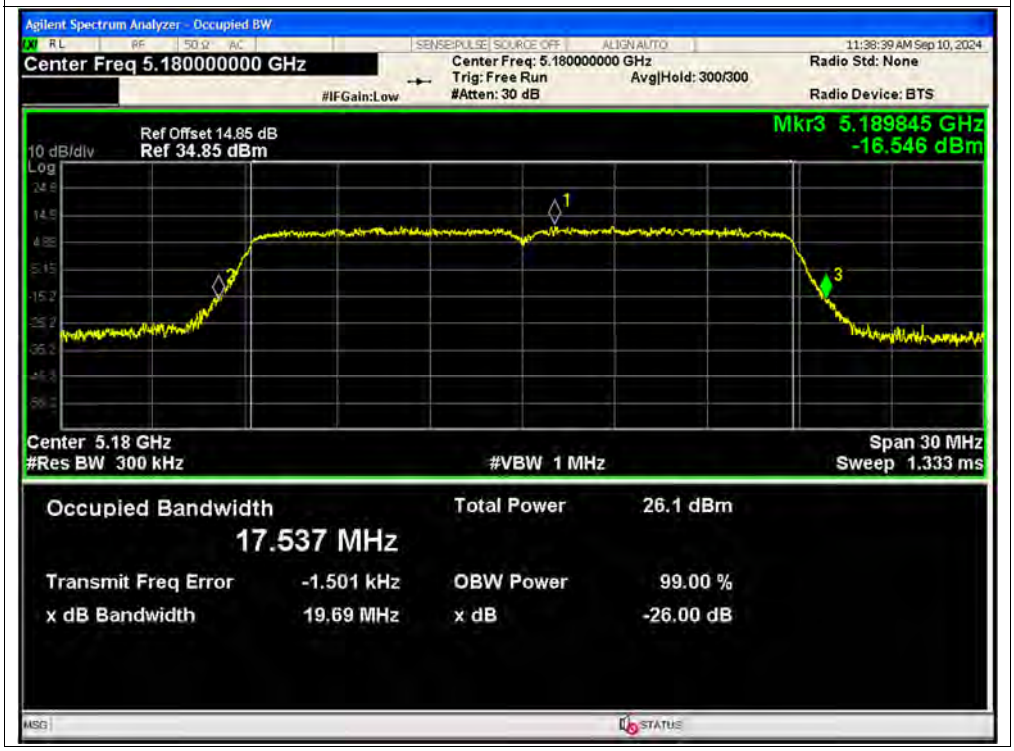
-26dB Bandwidth NVNT ac20 5500MHz Ant1

-26dB Bandwidth NVNT ac20 5580MHz Ant1



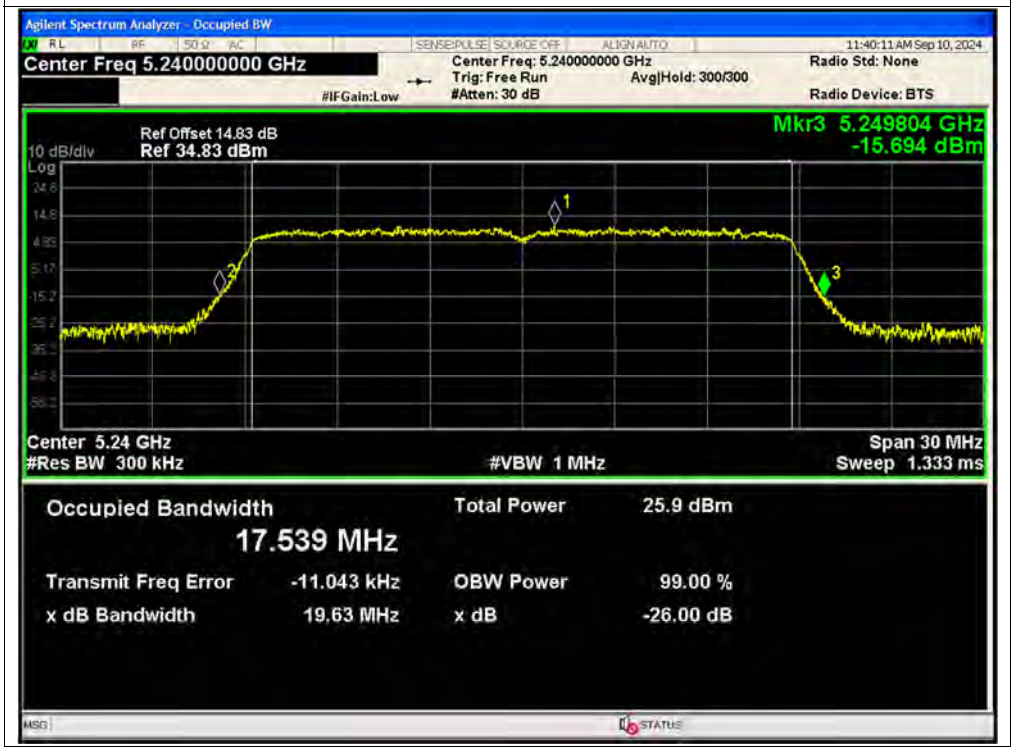
-26dB Bandwidth NVNT ac20 5720MHz Ant1

-26dB Bandwidth NVNT ac20 5180MHz Ant2



-26dB Bandwidth NVNT ac20 5220MHz Ant2

-26dB Bandwidth NVNT ac20 5240MHz Ant2



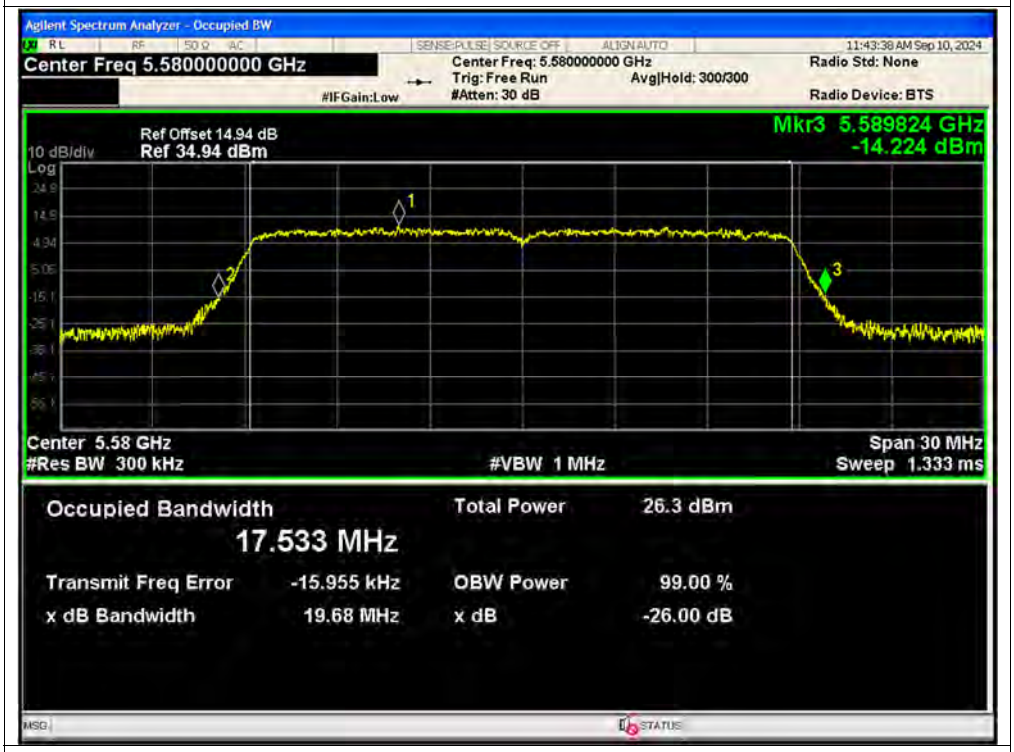
-26dB Bandwidth NVNT ac20 5260MHz Ant2

-26dB Bandwidth NVNT ac20 5300MHz Ant2

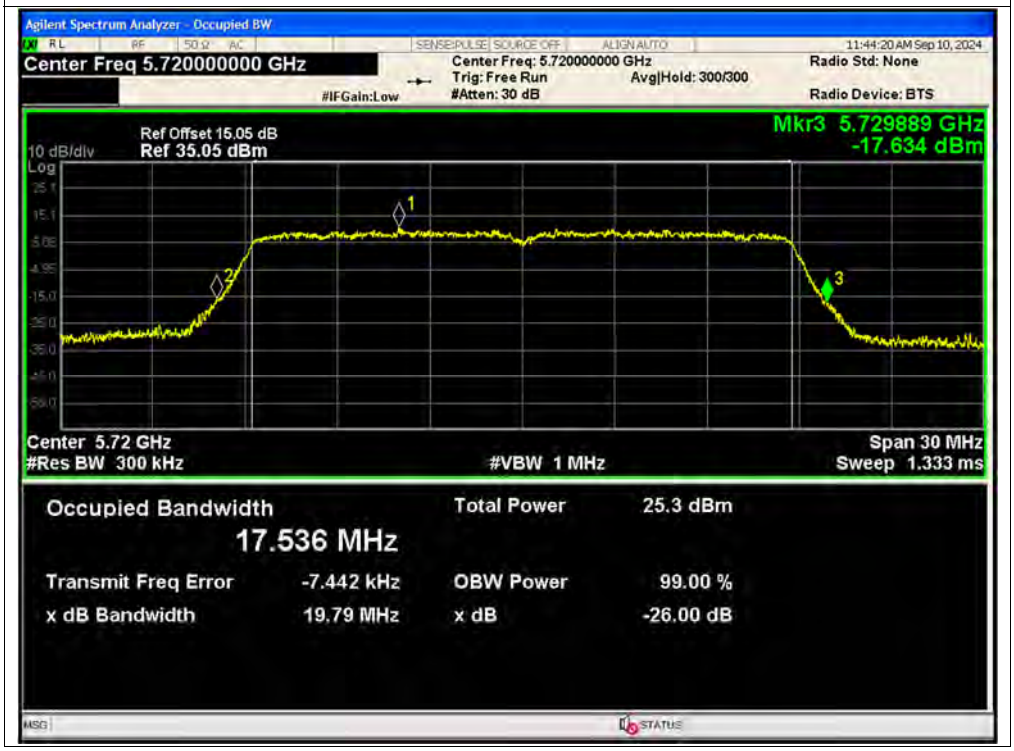
-26dB Bandwidth NVNT ac20 5320MHz Ant2

-26dB Bandwidth NVNT ac20 5500MHz Ant2

-26dB Bandwidth NVNT ac20 5580MHz Ant2



-26dB Bandwidth NVNT ac20 5720MHz Ant2



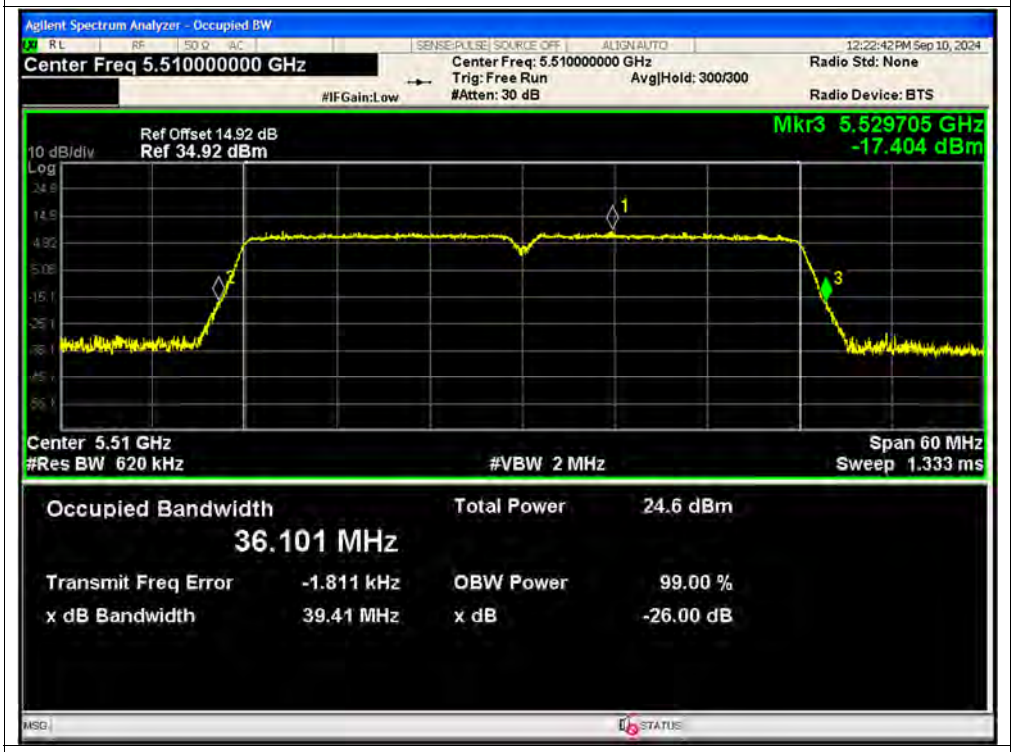
-26dB Bandwidth NVNT ac40 5190MHz Ant1

-26dB Bandwidth NVNT ac40 5230MHz Ant1

-26dB Bandwidth NVNT ac40 5270MHz Ant1

-26dB Bandwidth NVNT ac40 5310MHz Ant1

-26dB Bandwidth NVNT ac40 5510MHz Ant1



-26dB Bandwidth NVNT ac40 5550MHz Ant1

-26dB Bandwidth NVNT ac40 5710MHz Ant1

-26dB Bandwidth NVNT ac40 5190MHz Ant2

-26dB Bandwidth NVNT ac40 5230MHz Ant2

-26dB Bandwidth NVNT ac40 5270MHz Ant2

-26dB Bandwidth NVNT ac40 5310MHz Ant2

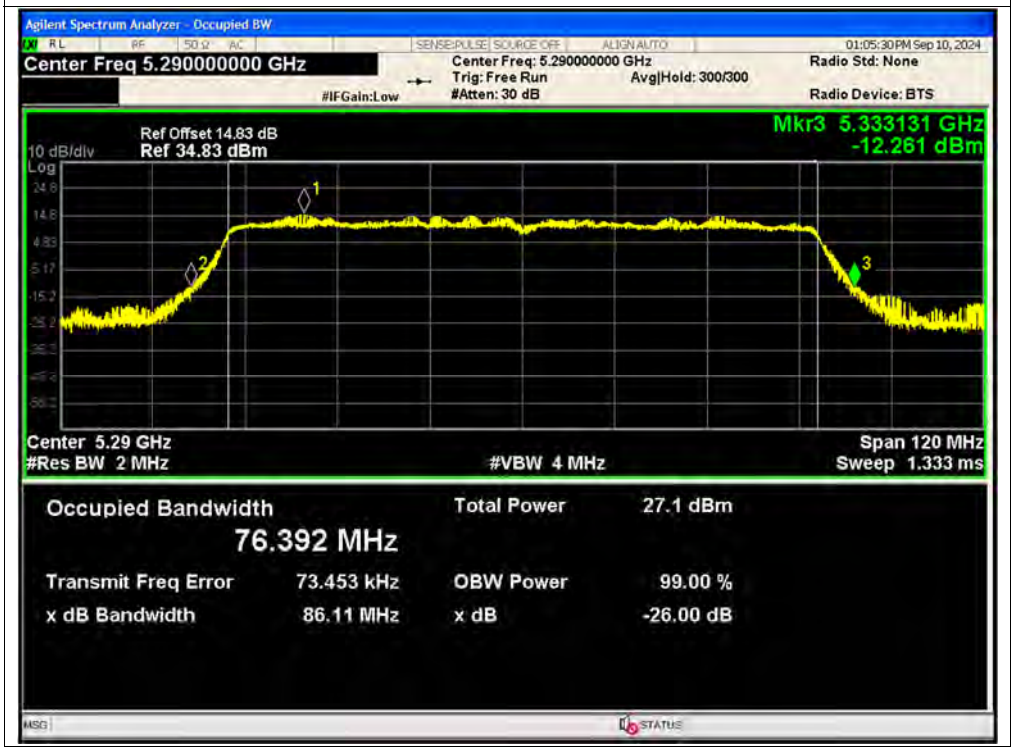
-26dB Bandwidth NVNT ac40 5510MHz Ant2

-26dB Bandwidth NVNT ac40 5550MHz Ant2

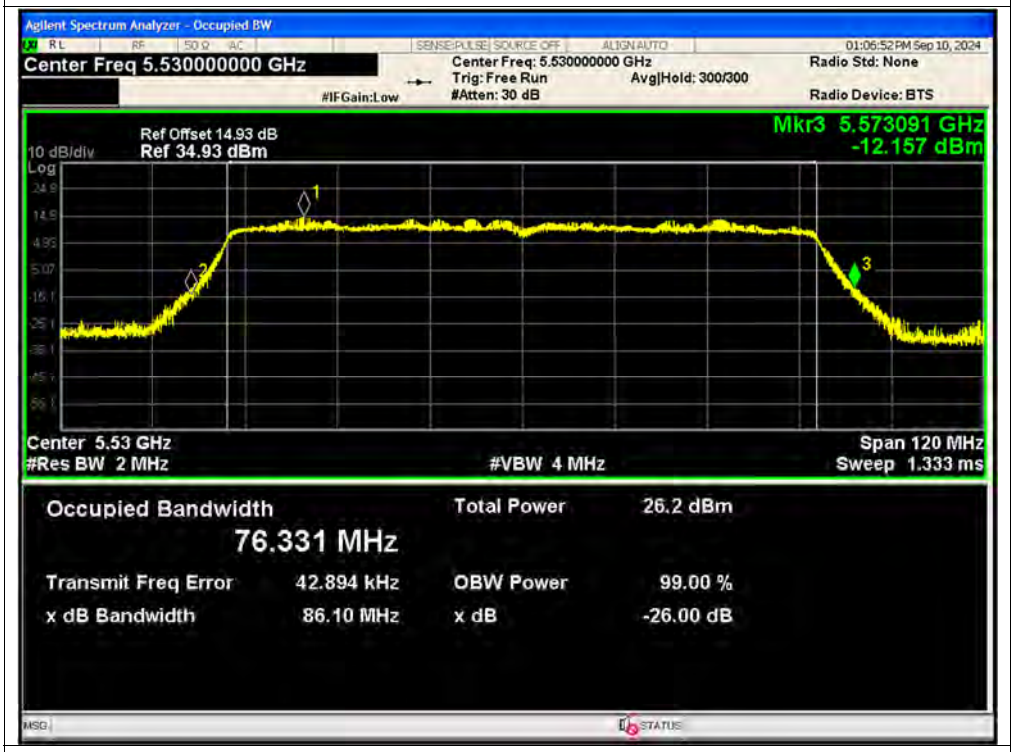
-26dB Bandwidth NVNT ac40 5710MHz Ant2

-26dB Bandwidth NVNT ac80 5210MHz Ant1

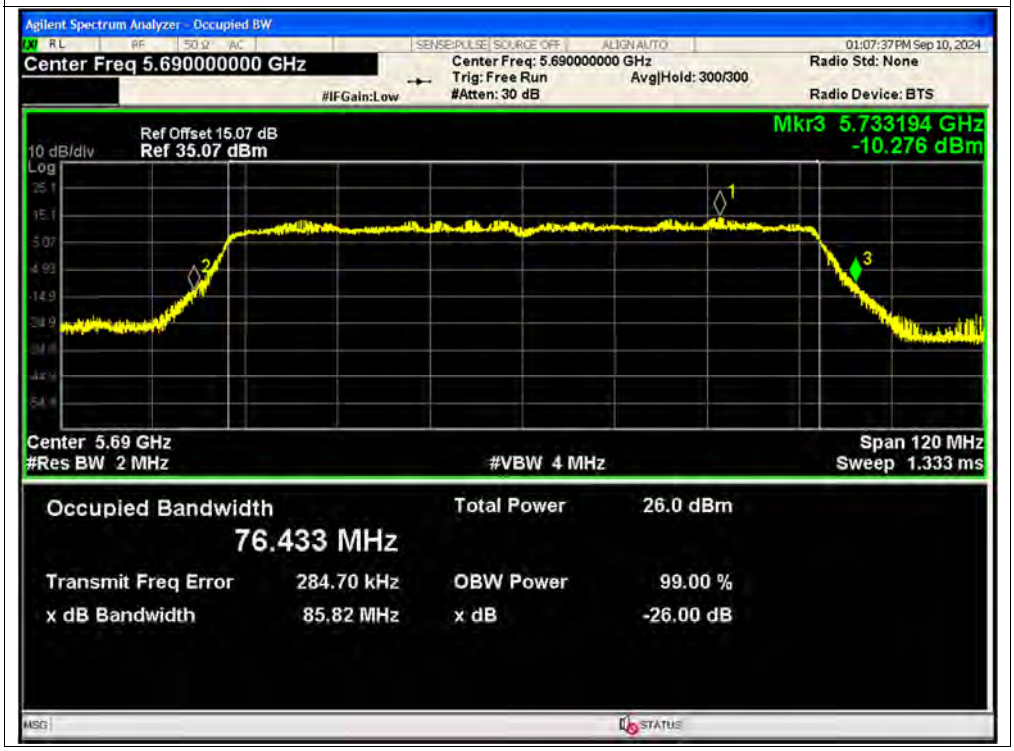
-26dB Bandwidth NVNT ac80 5290MHz Ant1



-26dB Bandwidth NVNT ac80 5530MHz Ant1

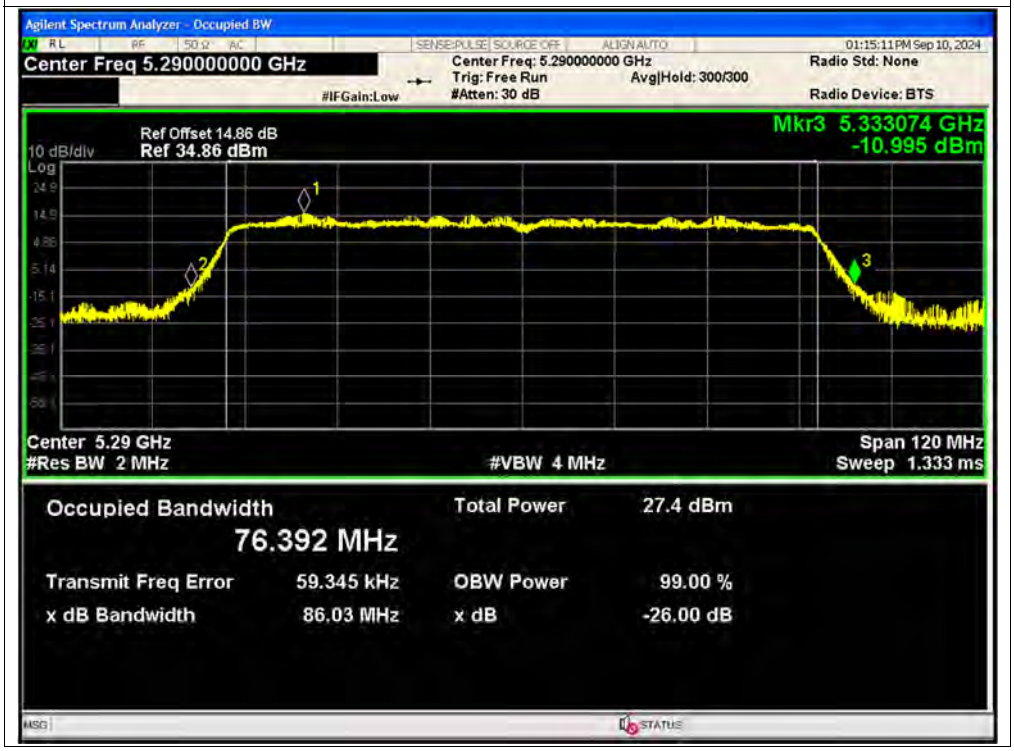


-26dB Bandwidth NVNT ac80 5690MHz Ant1



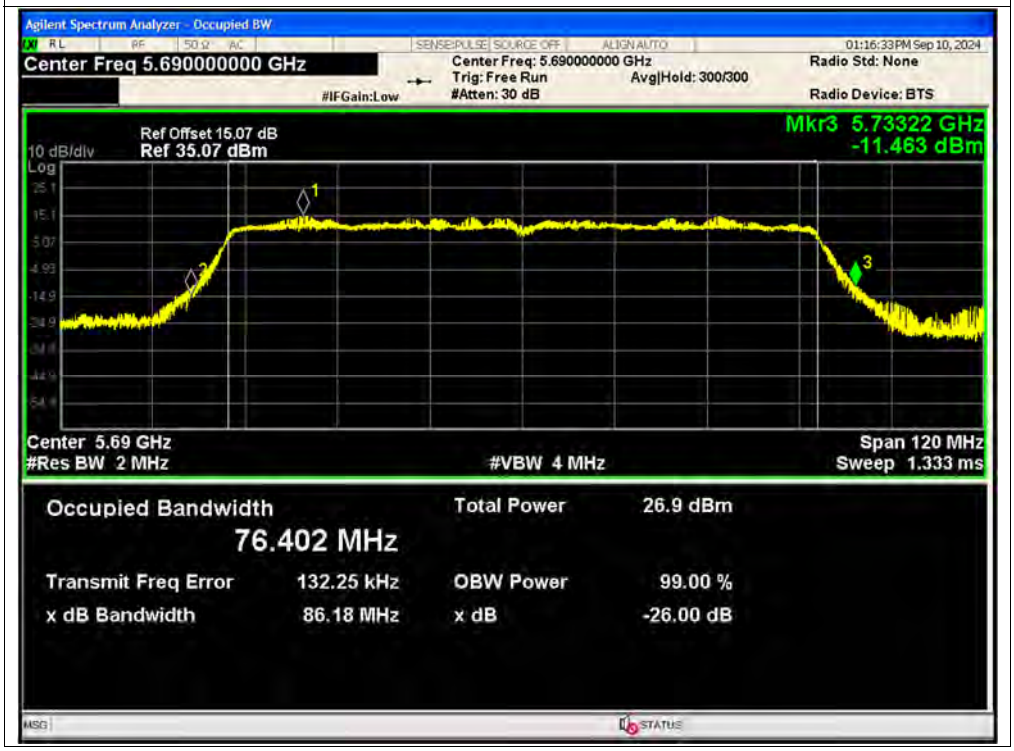
-26dB Bandwidth NVNT ac80 5210MHz Ant2

-26dB Bandwidth NVNT ac80 5290MHz Ant2



-26dB Bandwidth NVNT ac80 5530MHz Ant2

-26dB Bandwidth NVNT ac80 5690MHz Ant2



-26dB Bandwidth NVNT ax20 5180MHz Ant1

-26dB Bandwidth NVNT ax20 5220MHz Ant1

-26dB Bandwidth NVNT ax20 5240MHz Ant1

-26dB Bandwidth NVNT ax20 5260MHz Ant1

-26dB Bandwidth NVNT ax20 5300MHz Ant1

-26dB Bandwidth NVNT ax20 5320MHz Ant1

-26dB Bandwidth NVNT ax20 5500MHz Ant1

-26dB Bandwidth NVNT ax20 5580MHz Ant1

-26dB Bandwidth NVNT ax20 5720MHz Ant1

-26dB Bandwidth NVNT ax20 5180MHz Ant2

-26dB Bandwidth NVNT ax20 5220MHz Ant2

-26dB Bandwidth NVNT ax20 5240MHz Ant2

-26dB Bandwidth NVNT ax20 5260MHz Ant2

-26dB Bandwidth NVNT ax20 5300MHz Ant2

-26dB Bandwidth NVNT ax20 5320MHz Ant2

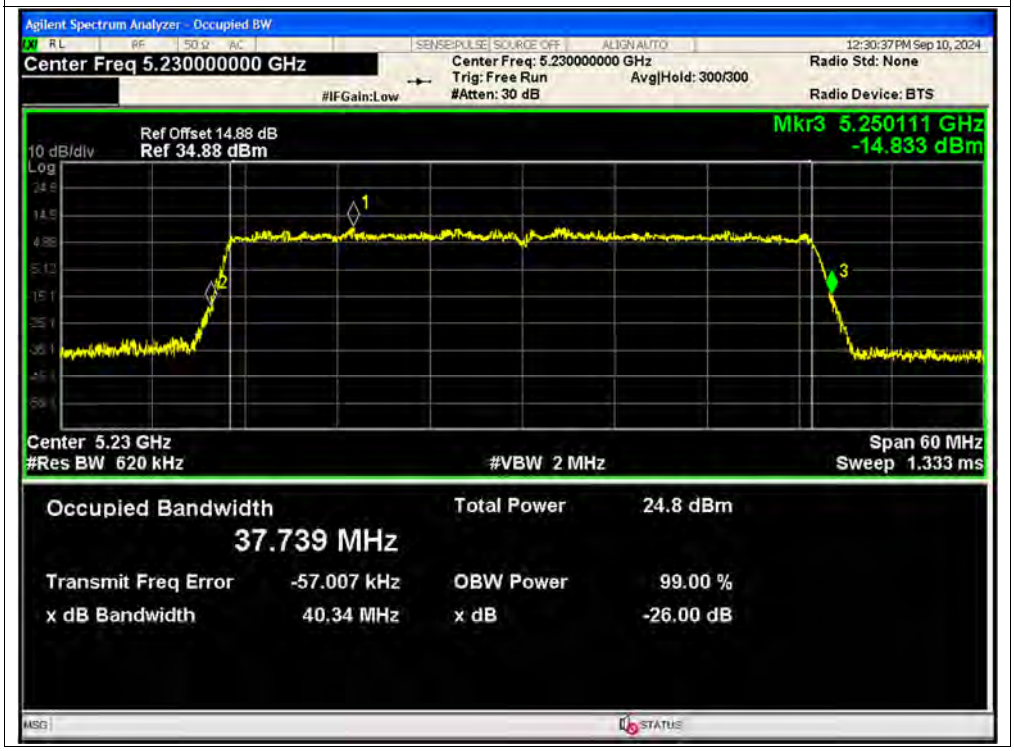
-26dB Bandwidth NVNT ax20 5500MHz Ant2

-26dB Bandwidth NVNT ax20 5580MHz Ant2

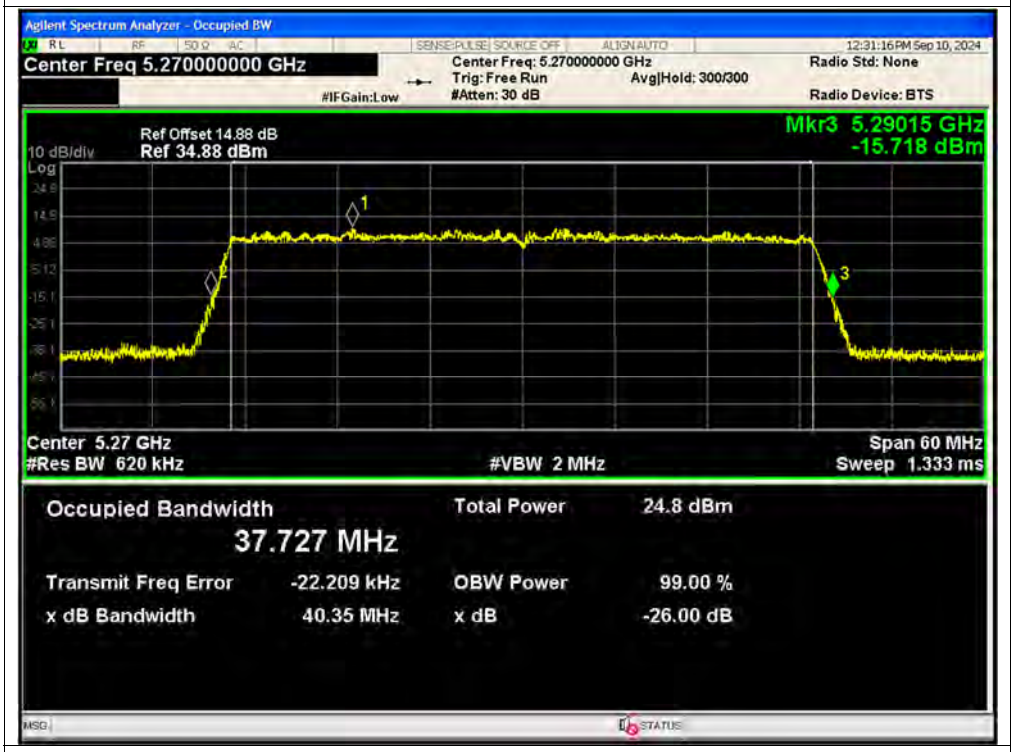
-26dB Bandwidth NVNT ax20 5720MHz Ant2

-26dB Bandwidth NVNT ax40 5190MHz Ant1

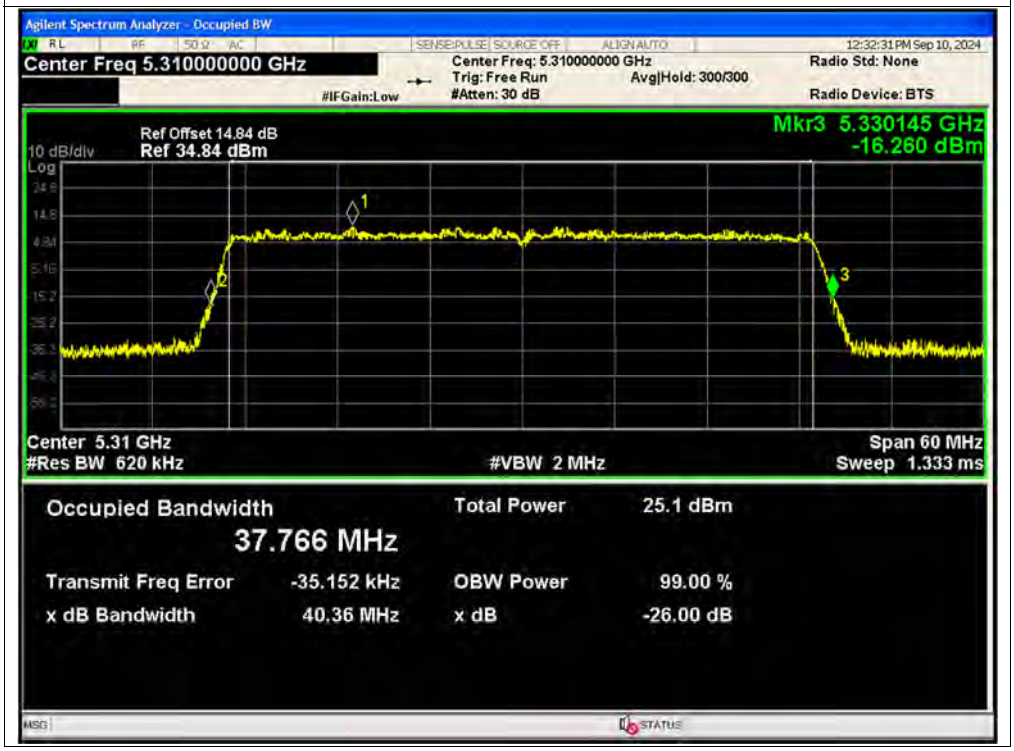
-26dB Bandwidth NVNT ax40 5230MHz Ant1



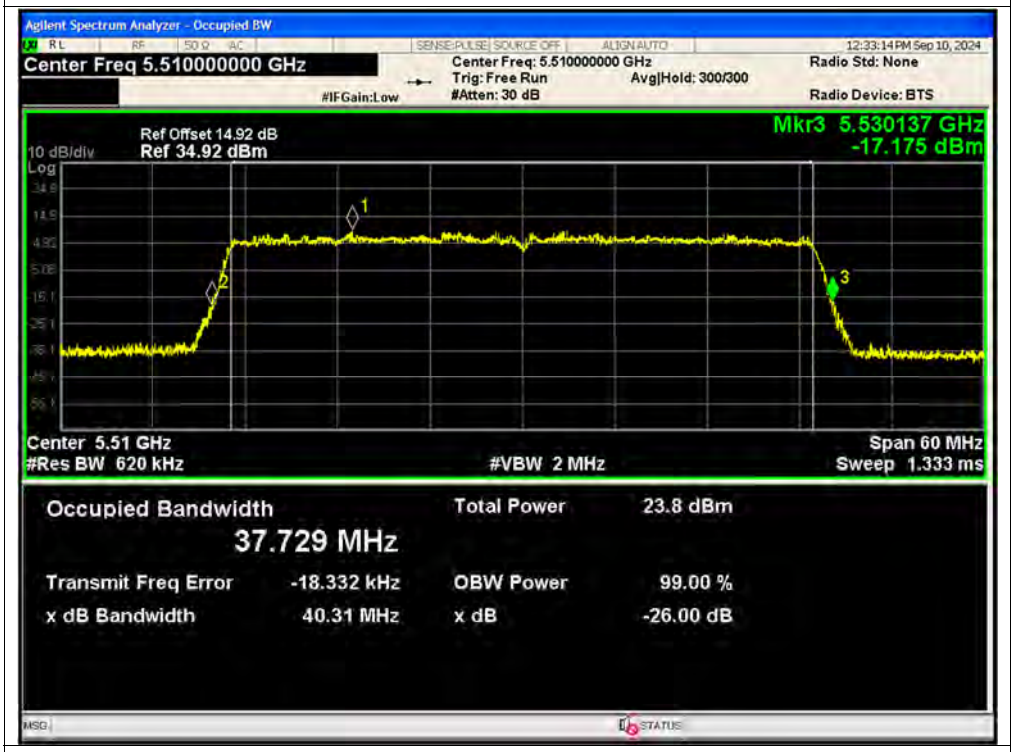
-26dB Bandwidth NVNT ax40 5270MHz Ant1



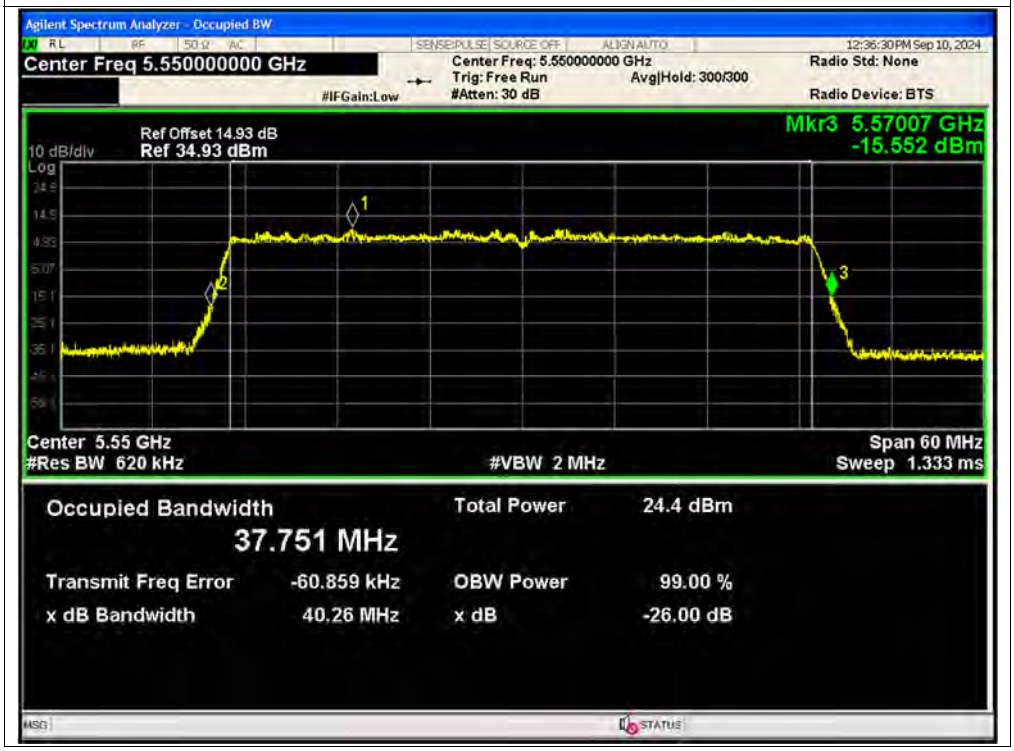
-26dB Bandwidth NVNT ax40 5310MHz Ant1



-26dB Bandwidth NVNT ax40 5510MHz Ant1

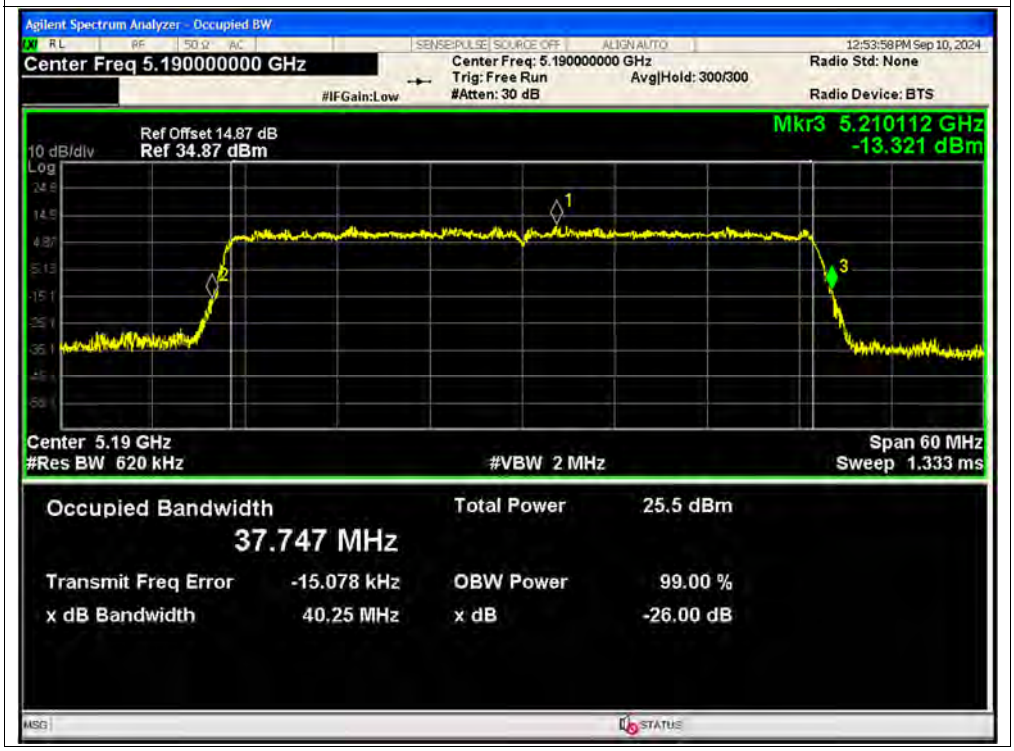


-26dB Bandwidth NVNT ax40 5550MHz Ant1

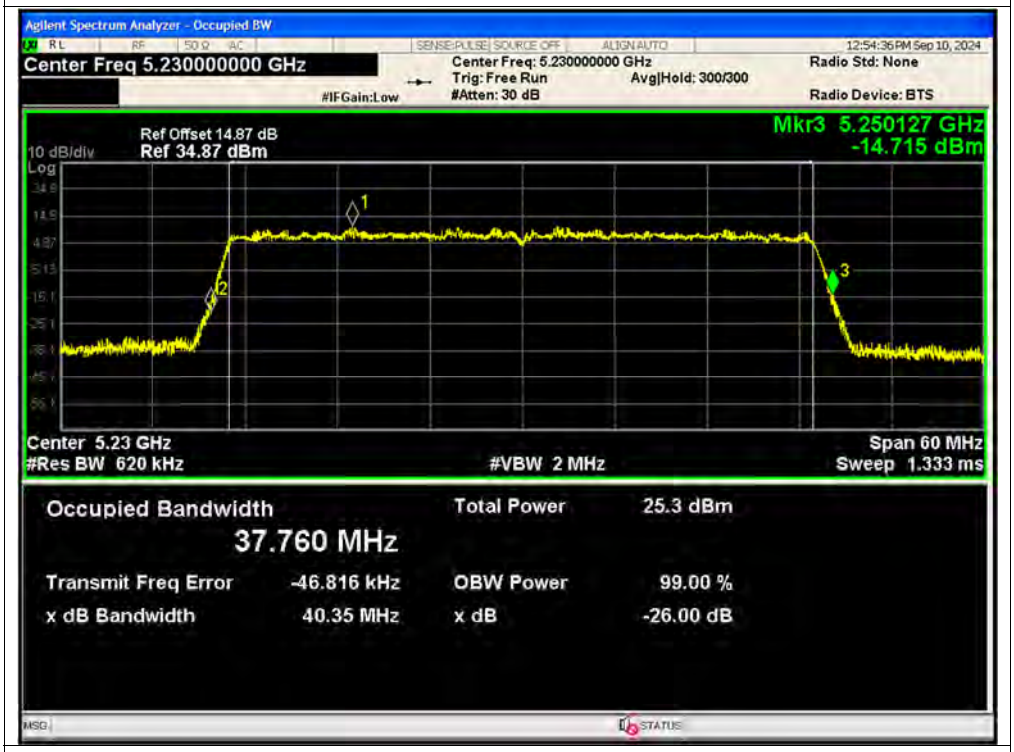


-26dB Bandwidth NVNT ax40 5710MHz Ant1

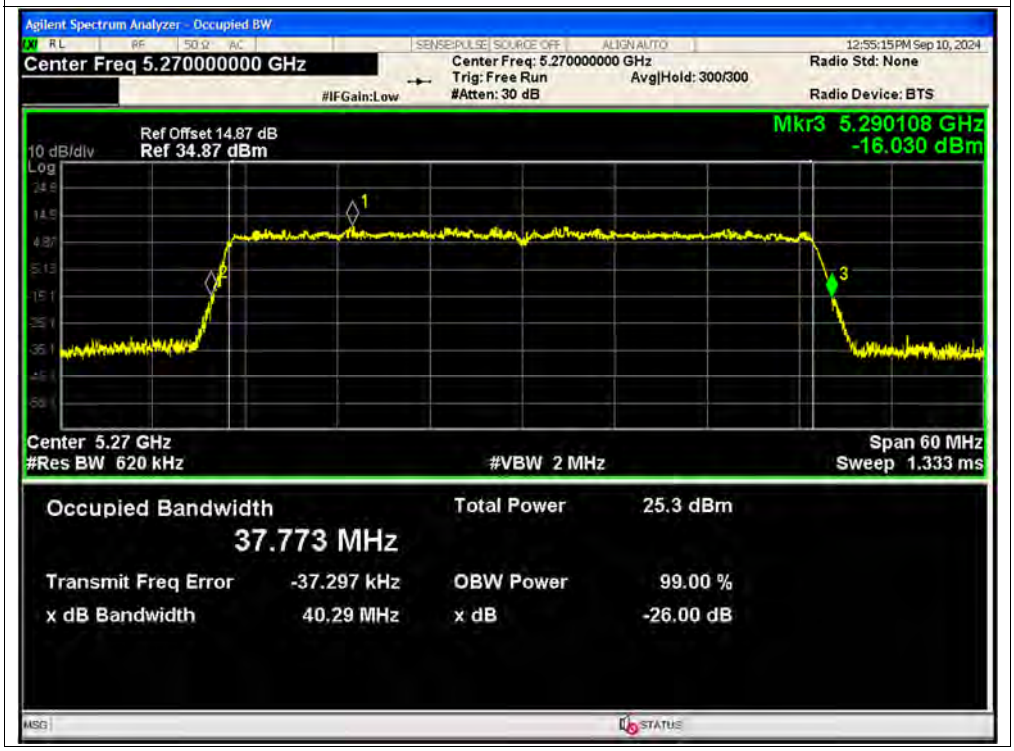
-26dB Bandwidth NVNT ax40 5190MHz Ant2



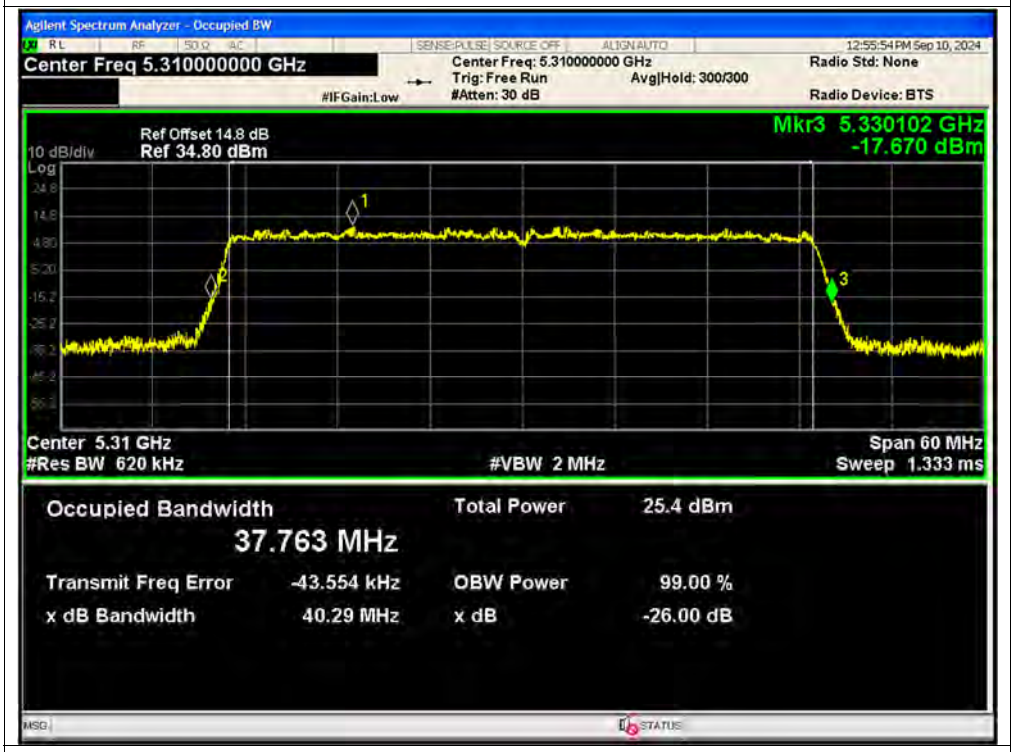
-26dB Bandwidth NVNT ax40 5230MHz Ant2



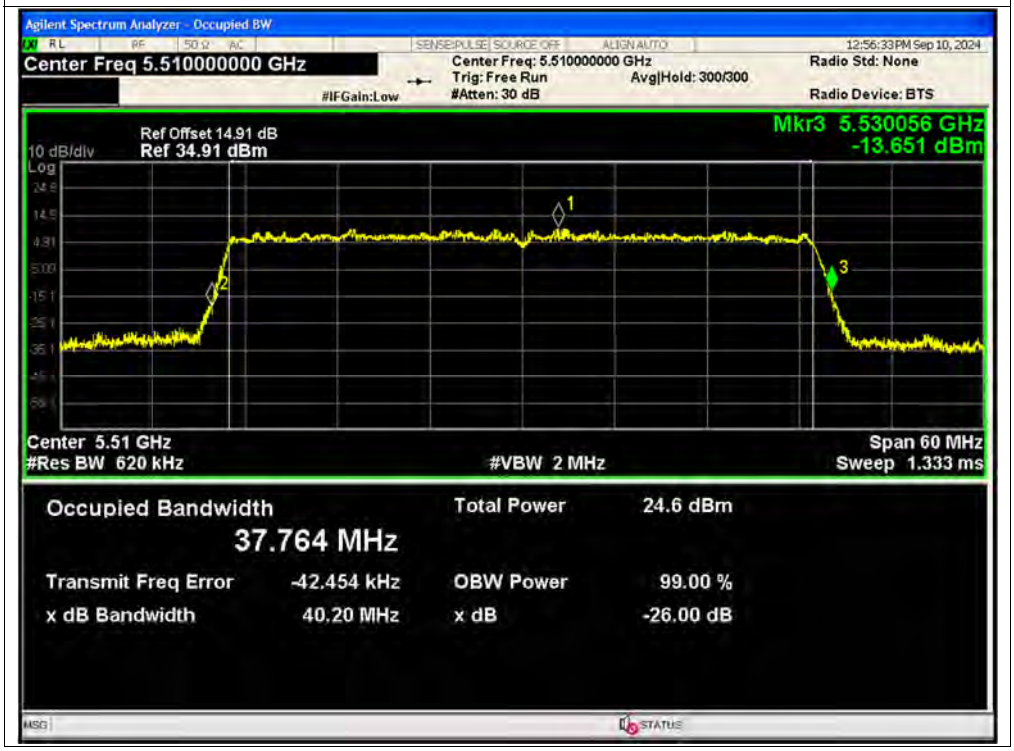
-26dB Bandwidth NVNT ax40 5270MHz Ant2



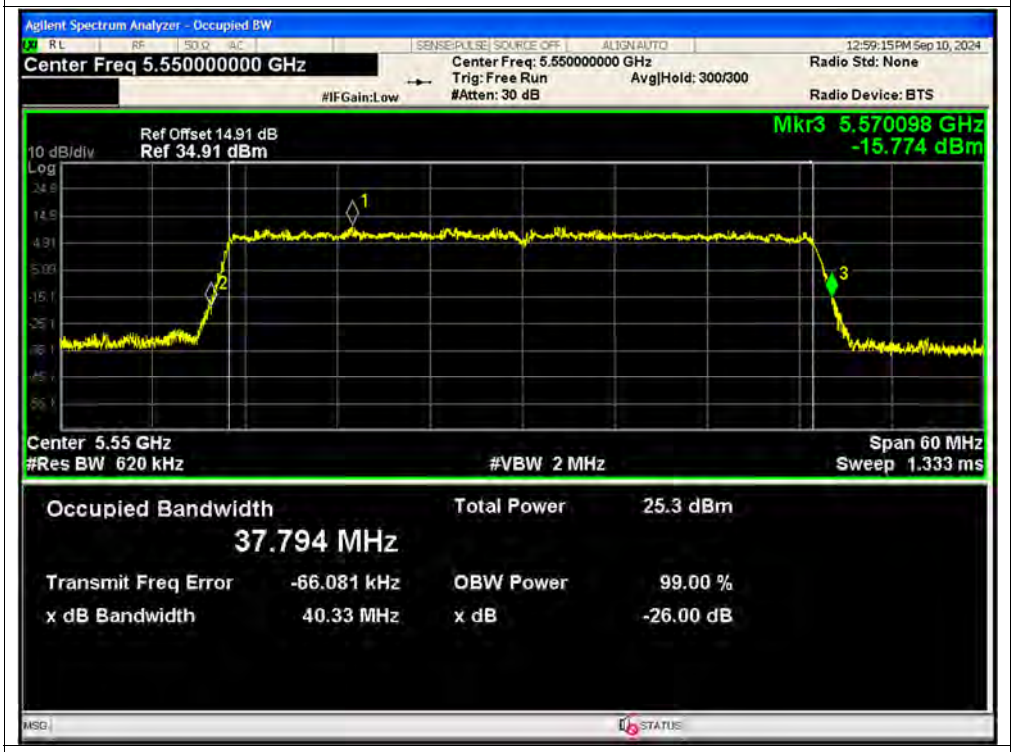
-26dB Bandwidth NVNT ax40 5310MHz Ant2



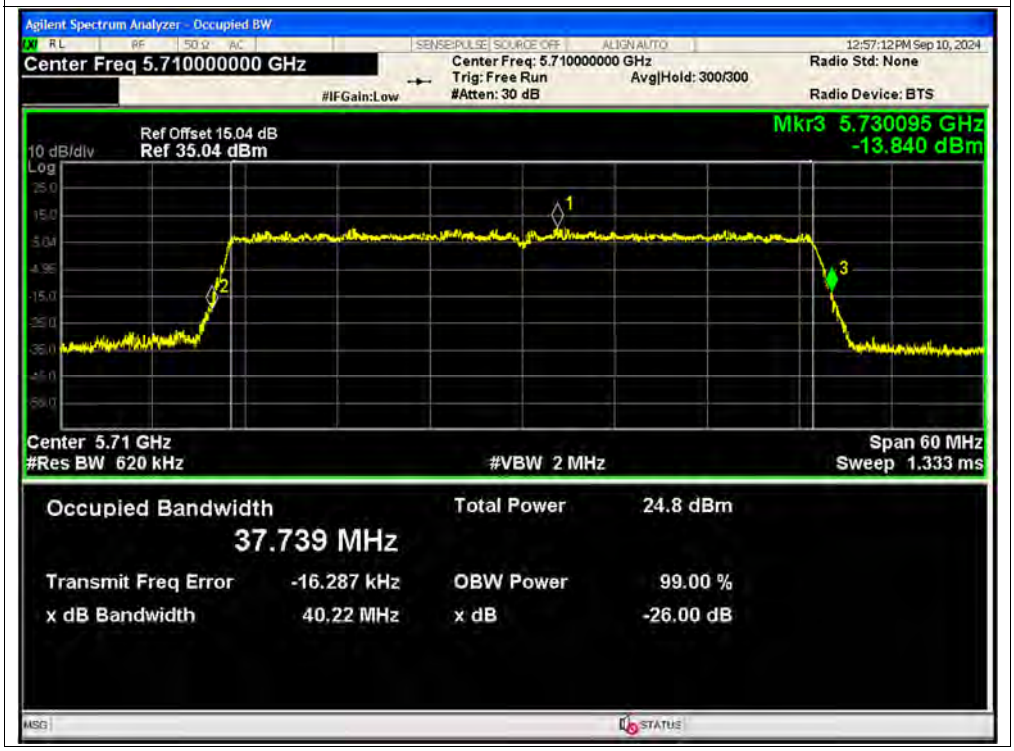
-26dB Bandwidth NVNT ax40 5510MHz Ant2



-26dB Bandwidth NVNT ax40 5550MHz Ant2

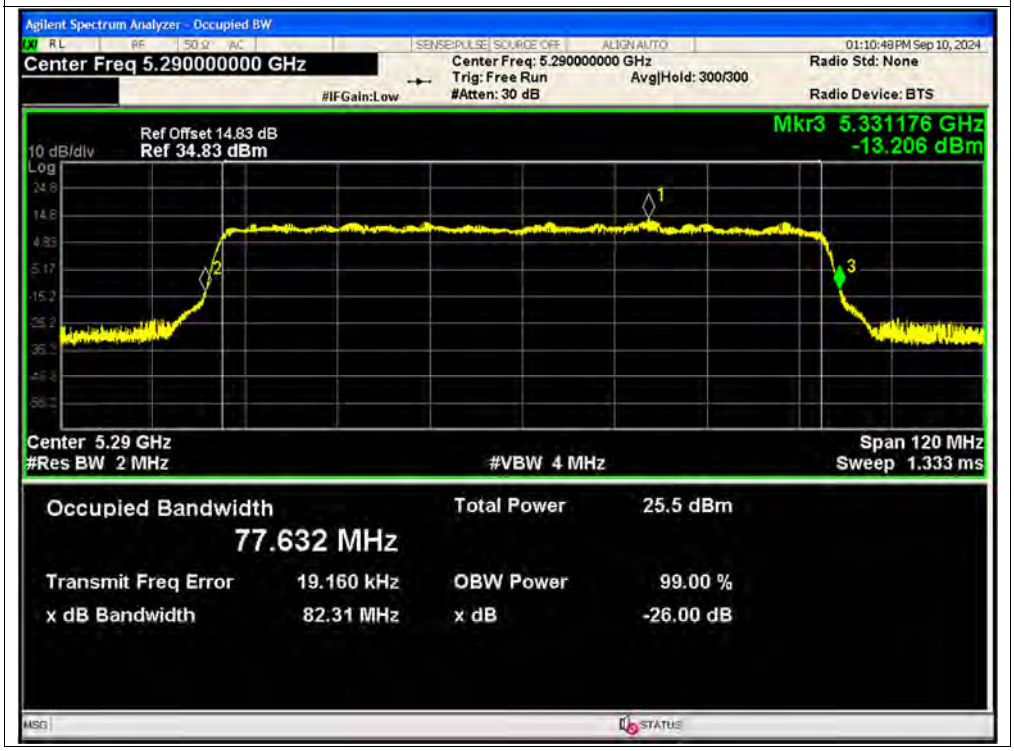


-26dB Bandwidth NVNT ax40 5710MHz Ant2



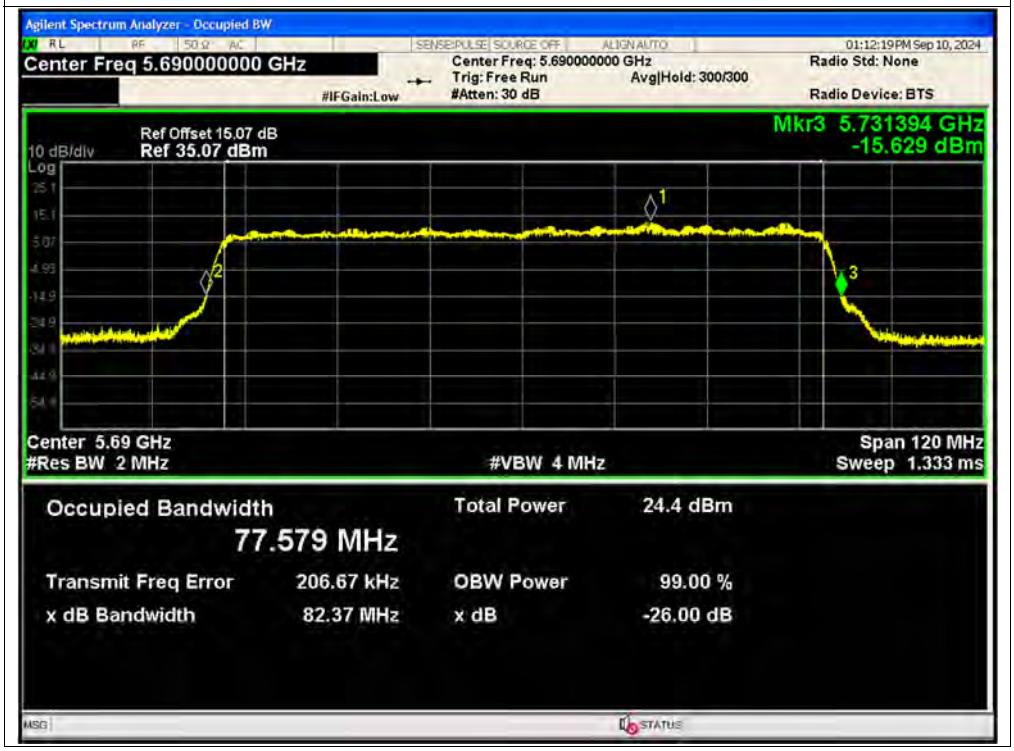
-26dB Bandwidth NVNT ax80 5210MHz Ant1

-26dB Bandwidth NVNT ax80 5290MHz Ant1

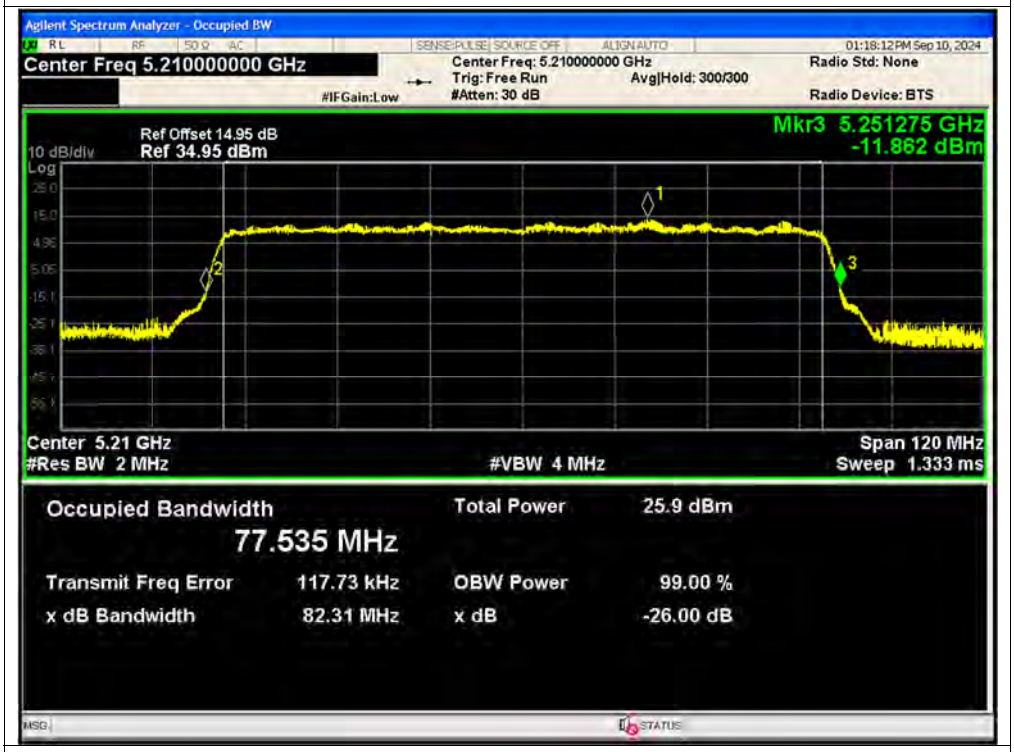


-26dB Bandwidth NVNT ax80 5530MHz Ant1

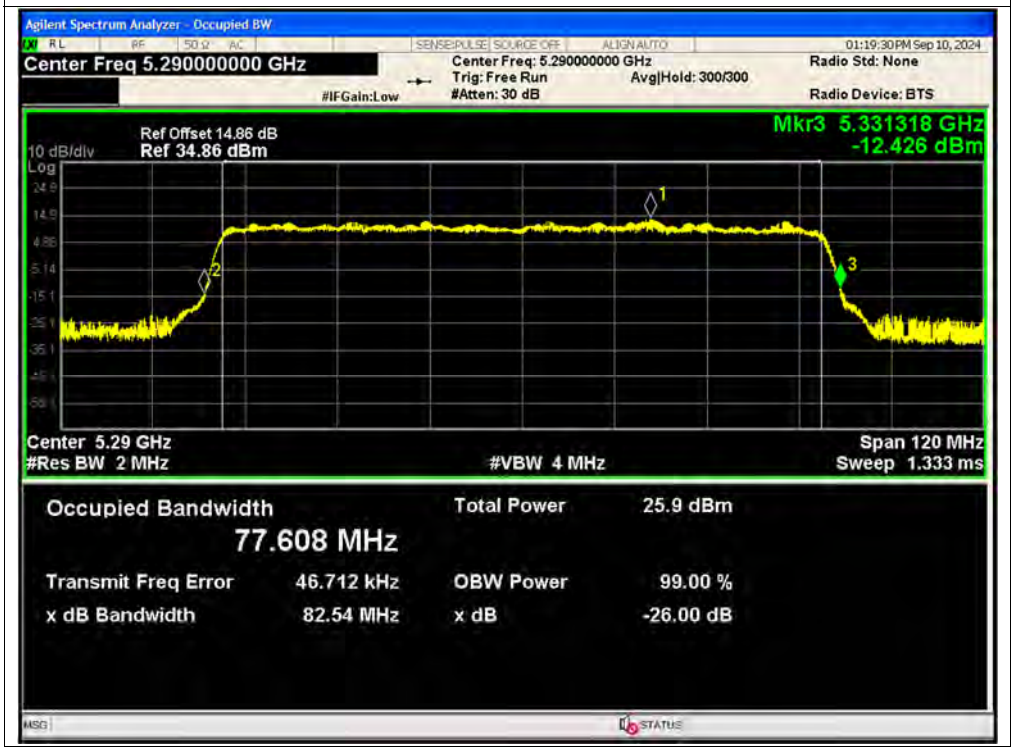
-26dB Bandwidth NVNT ax80 5690MHz Ant1



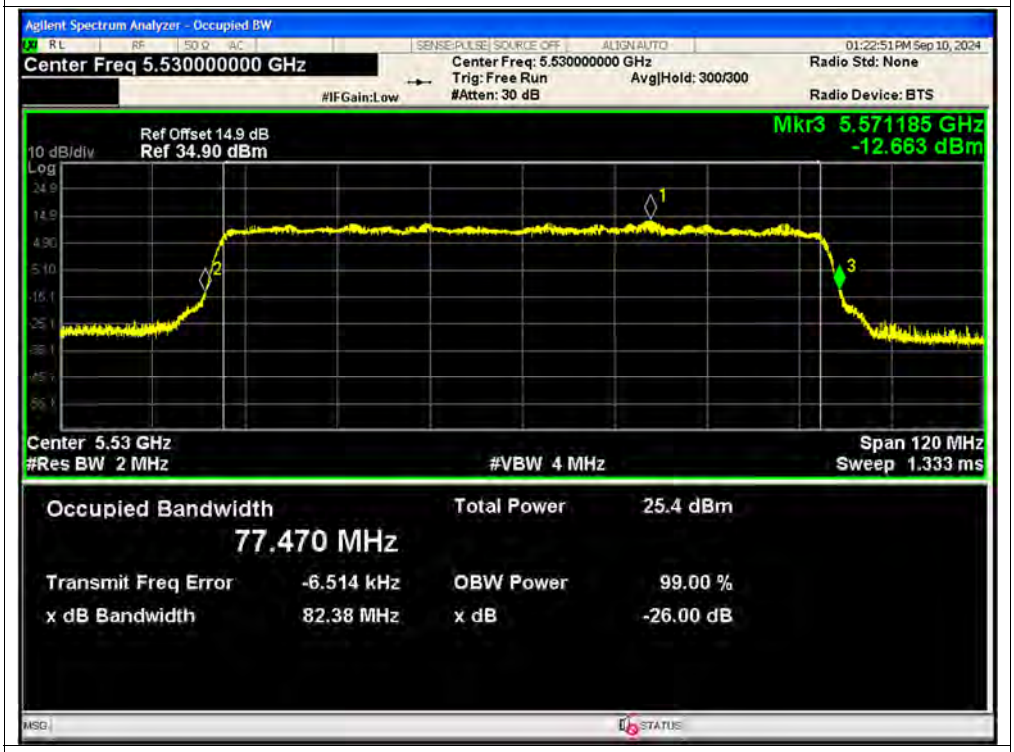
-26dB Bandwidth NVNT ax80 5210MHz Ant2



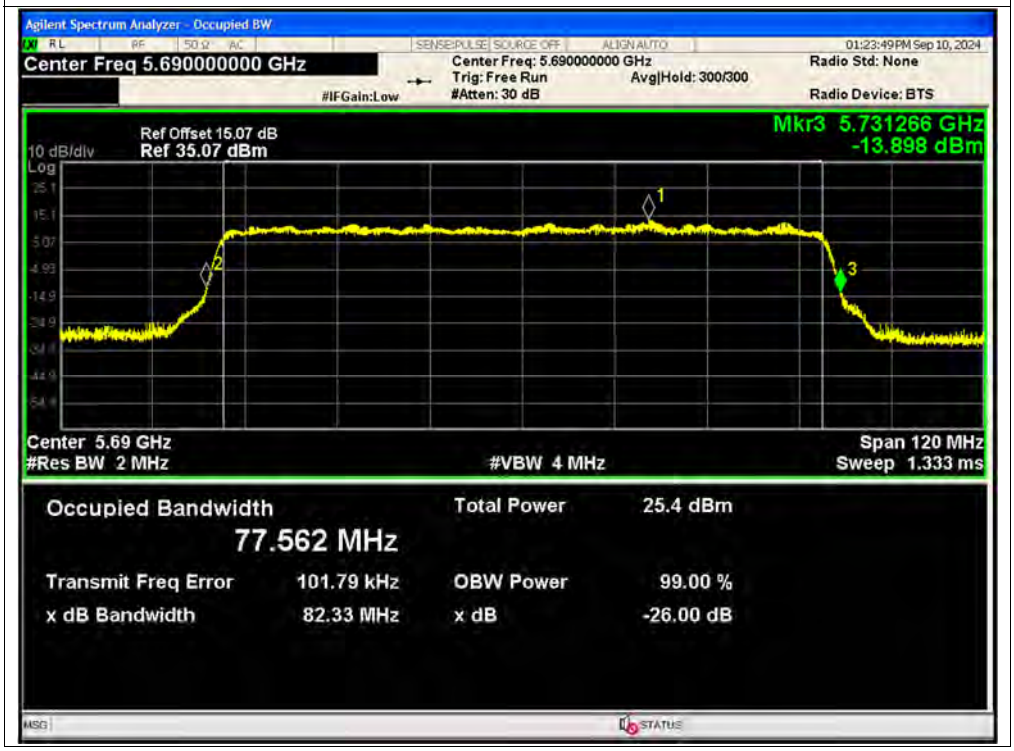
-26dB Bandwidth NVNT ax80 5290MHz Ant2



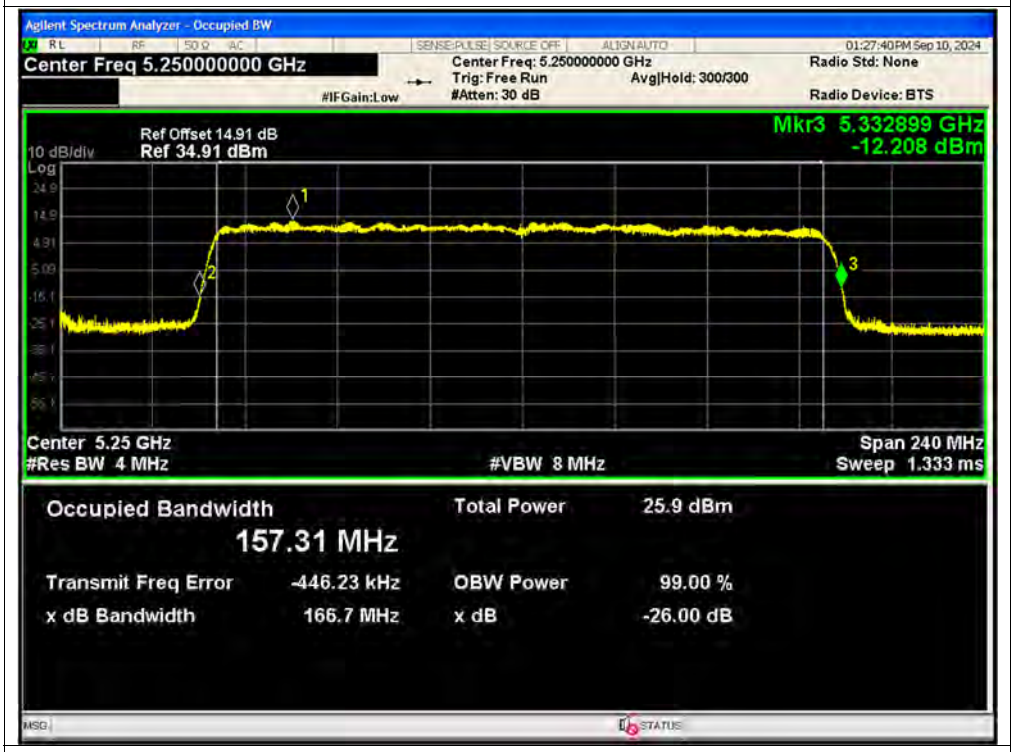
-26dB Bandwidth NVNT ax80 5530MHz Ant2



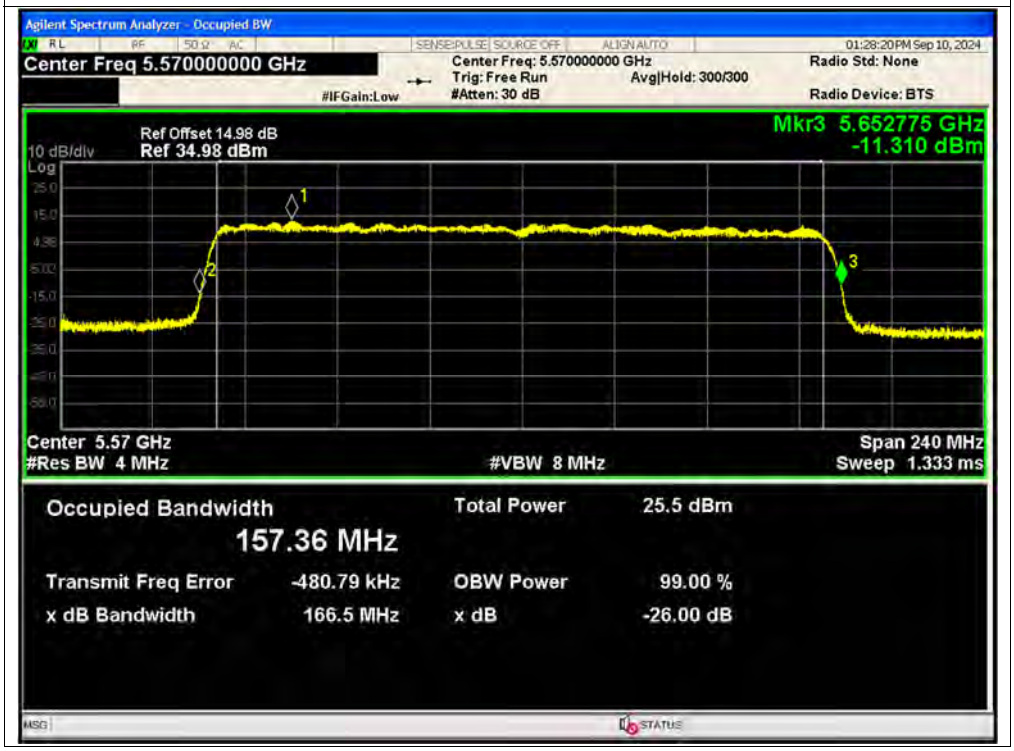
-26dB Bandwidth NVNT ax80 5690MHz Ant2



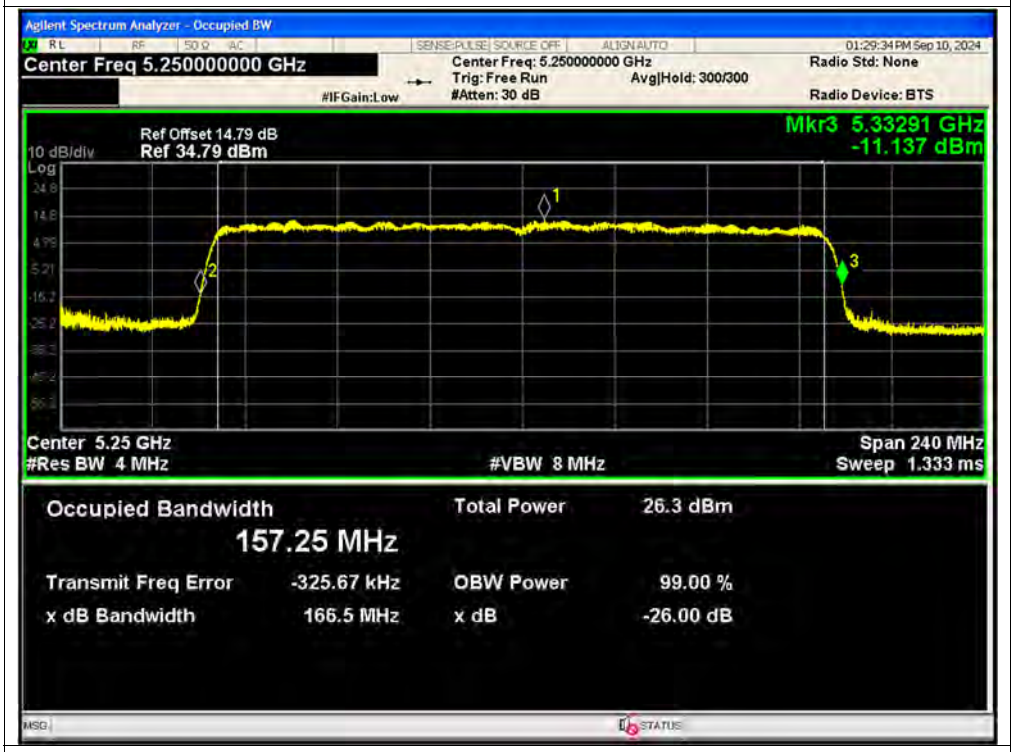
-26dB Bandwidth NVNT ax160 5250MHz Ant1



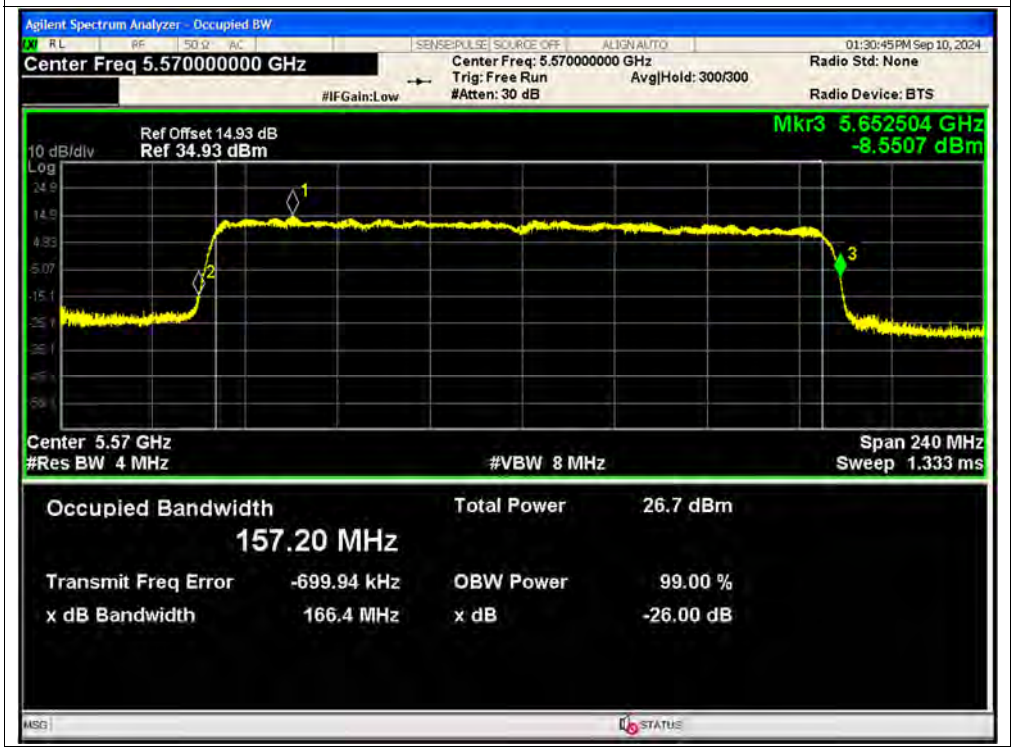
-26dB Bandwidth NVNT ax160 5570MHz Ant1



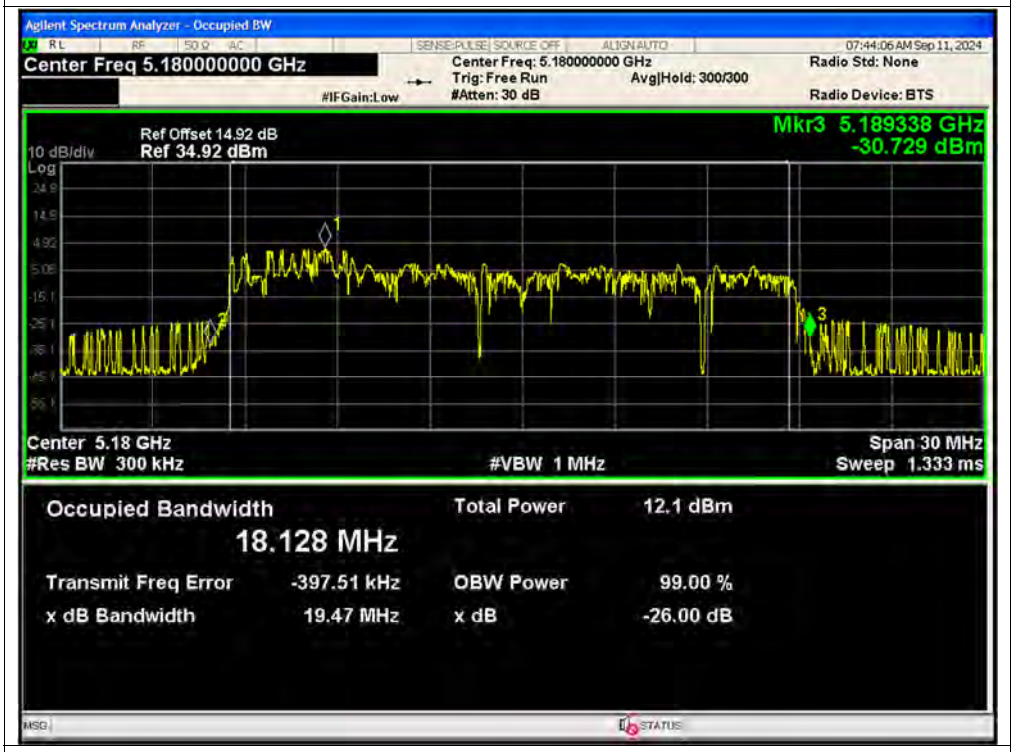
-26dB Bandwidth NVNT ax160 5250MHz Ant2



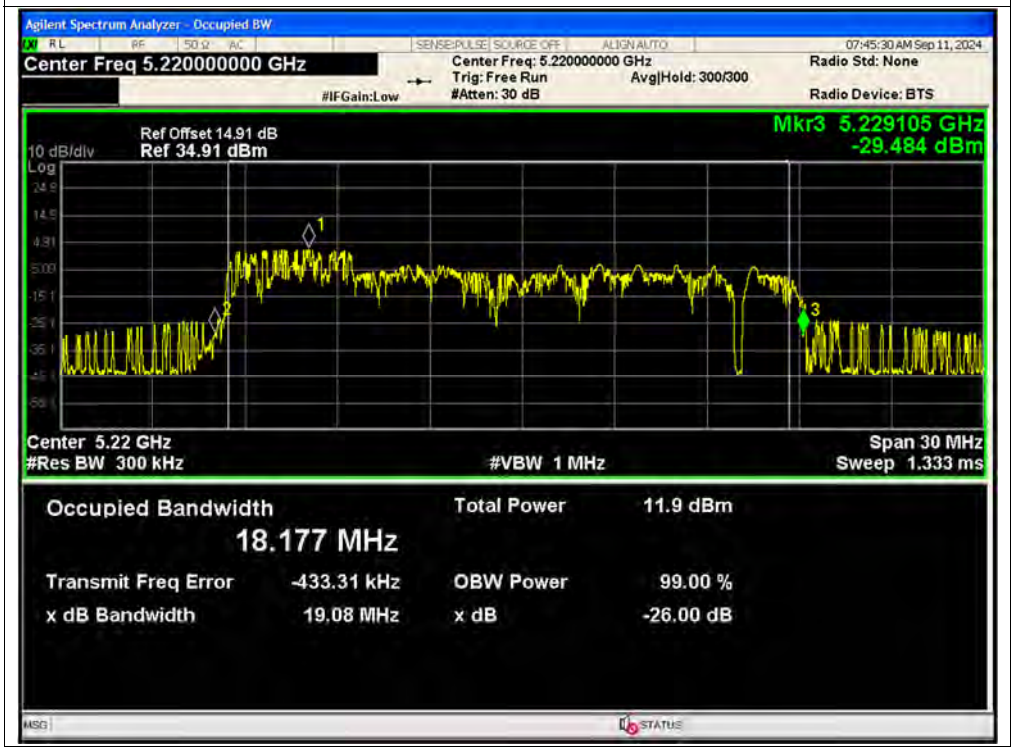
-26dB Bandwidth NVNT ax160 5570MHz Ant2



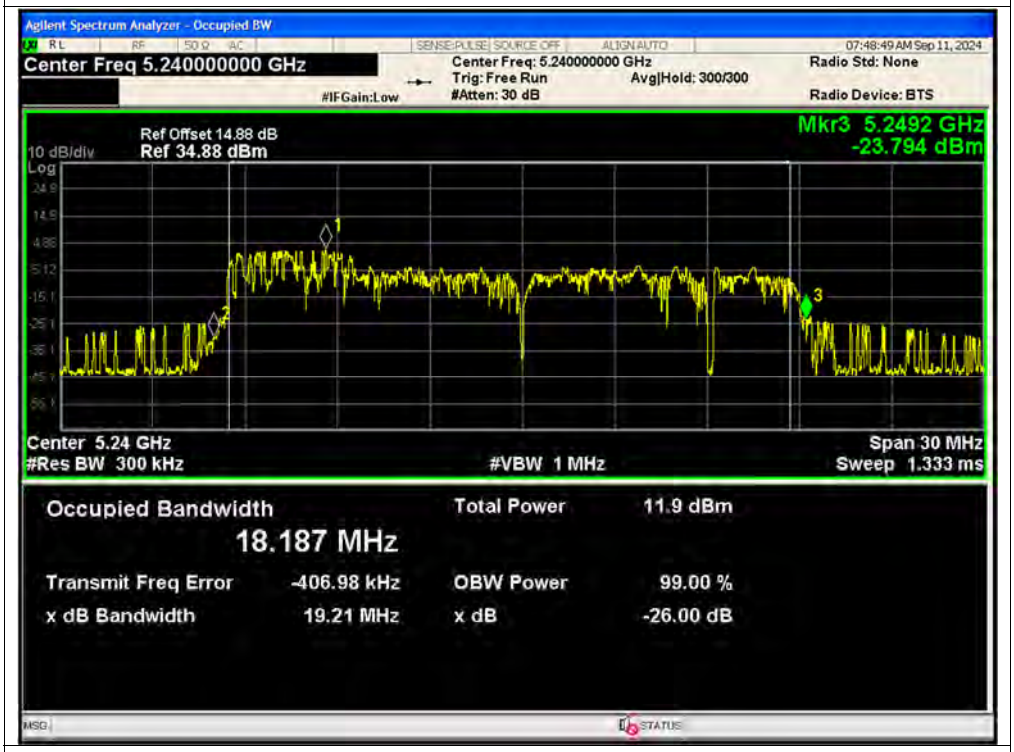
-26dB Bandwidth NVNT ax20 52@37 5180MHz Ant1



-26dB Bandwidth NVNT ax20 52@37 5220MHz Ant1

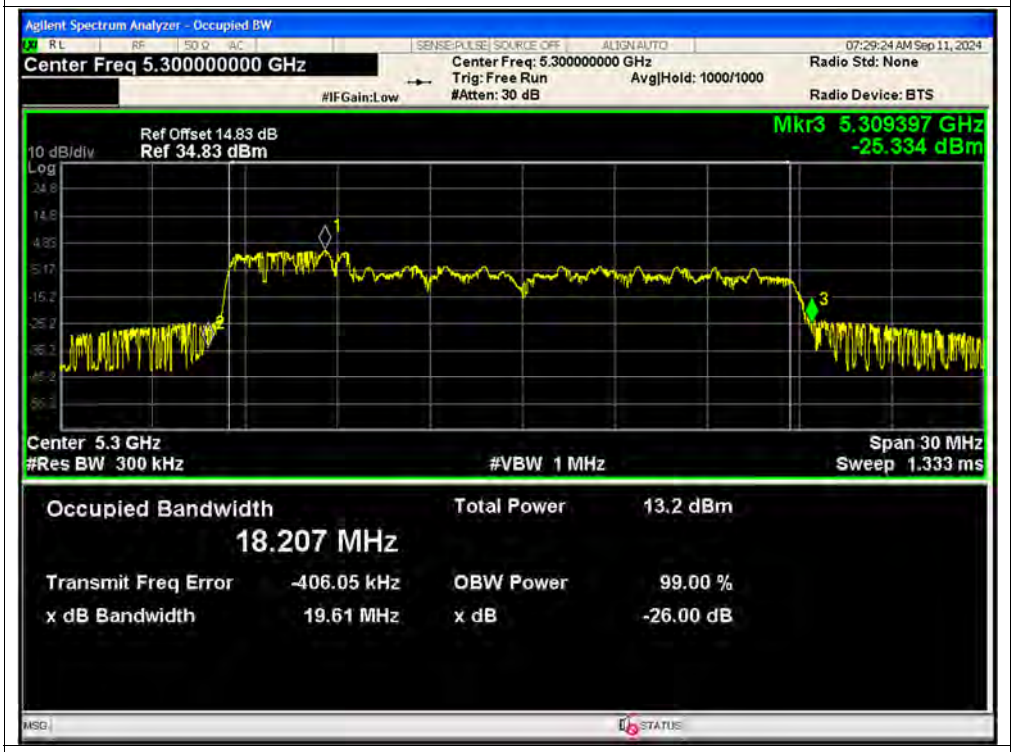


-26dB Bandwidth NVNT ax20 52@37 5240MHz Ant1



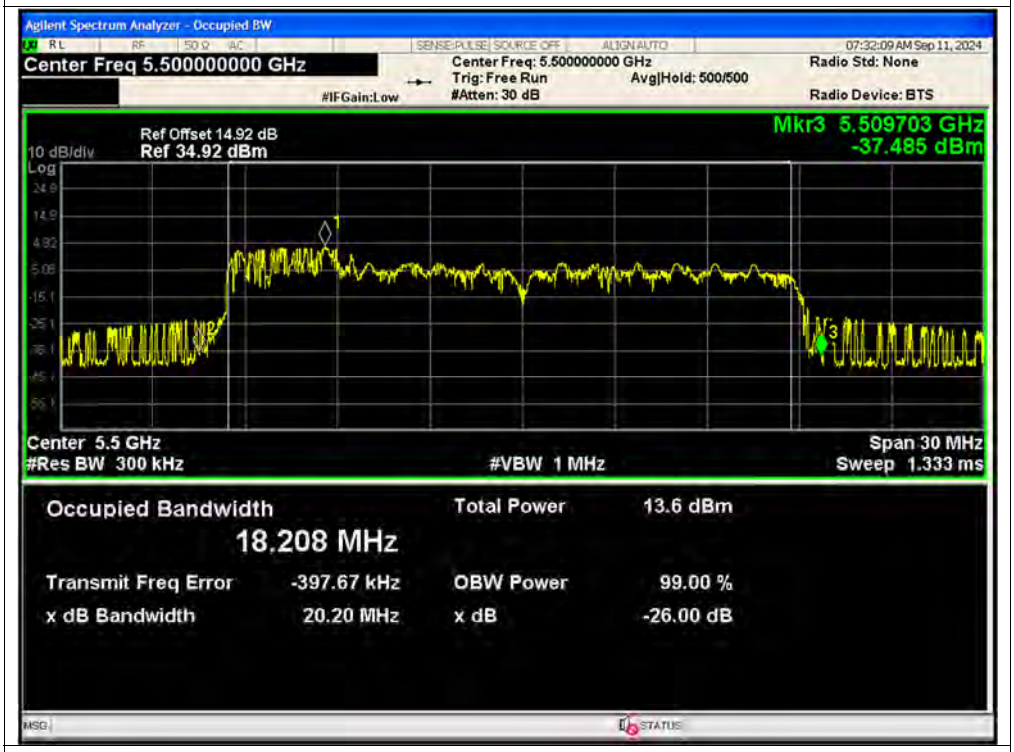
-26dB Bandwidth NVNT ax20 52@37 5260MHz Ant1

-26dB Bandwidth NVNT ax20 52@37 5300MHz Ant1

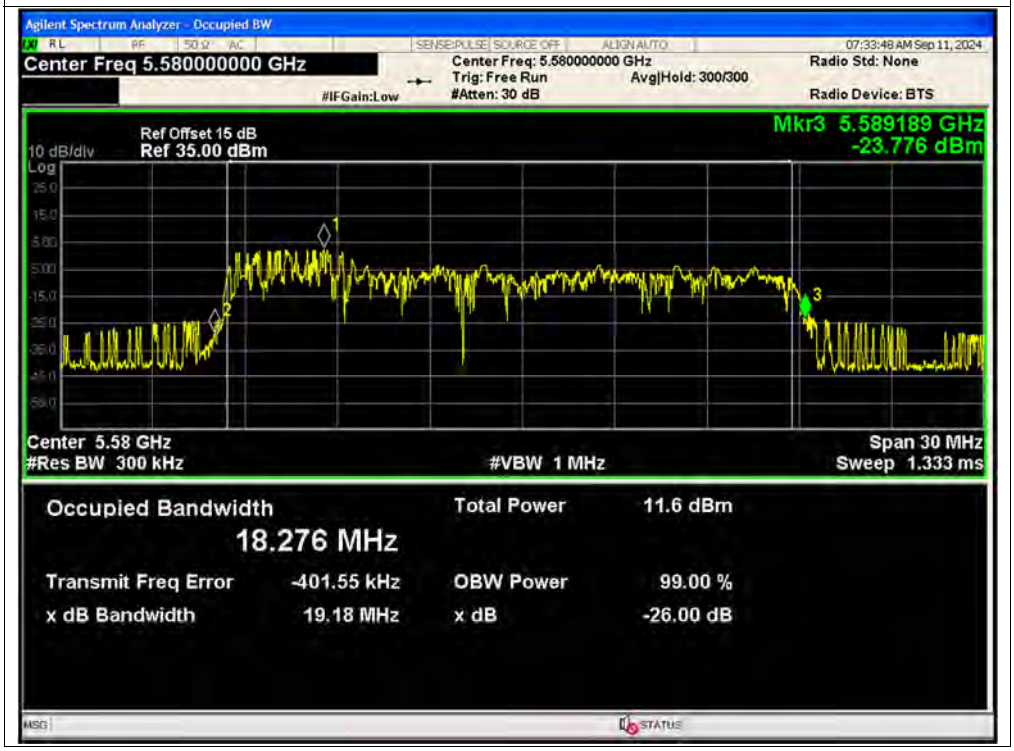


-26dB Bandwidth NVNT ax20 52@37 5320MHz Ant1

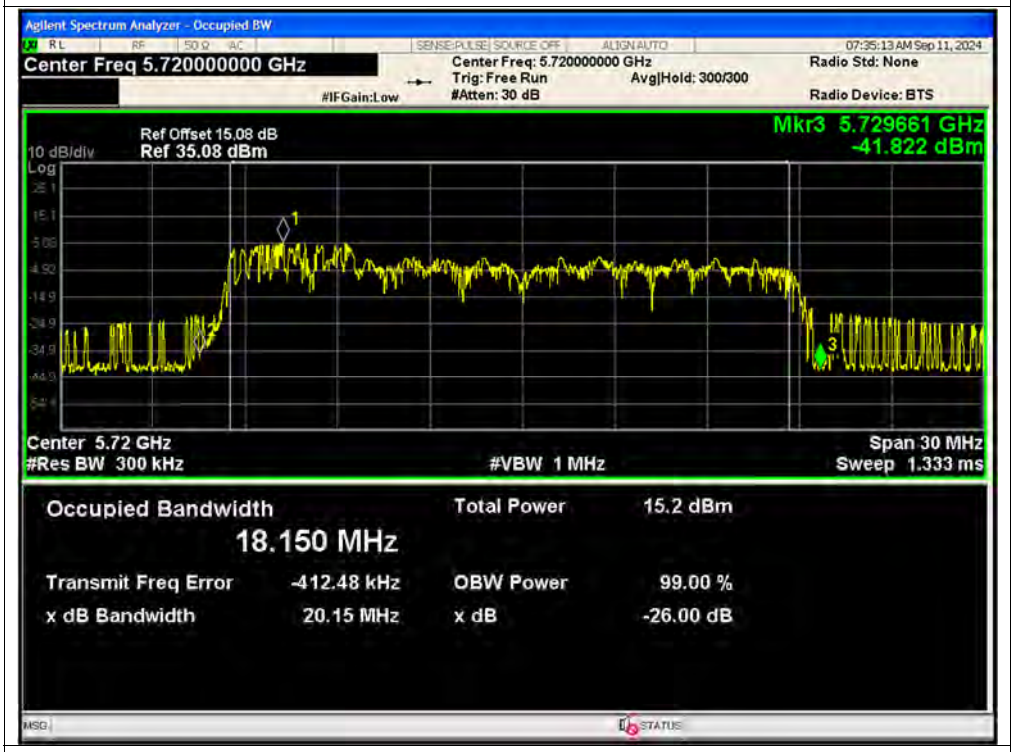
-26dB Bandwidth NVNT ax20 52@37 5500MHz Ant1



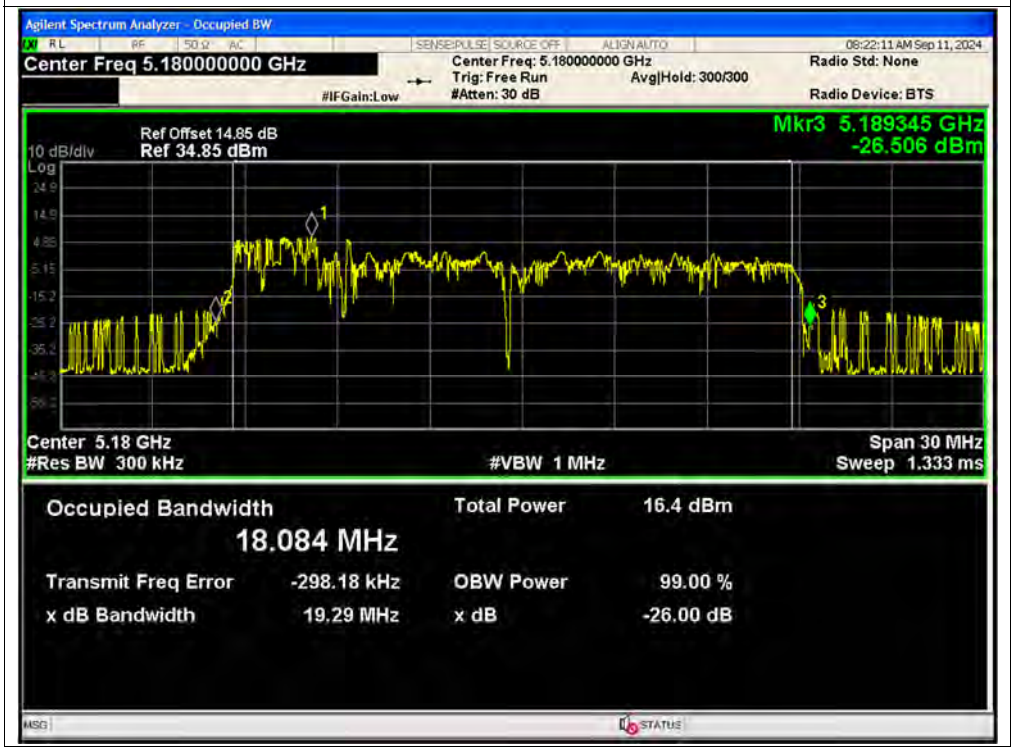
-26dB Bandwidth NVNT ax20 52@37 5580MHz Ant1



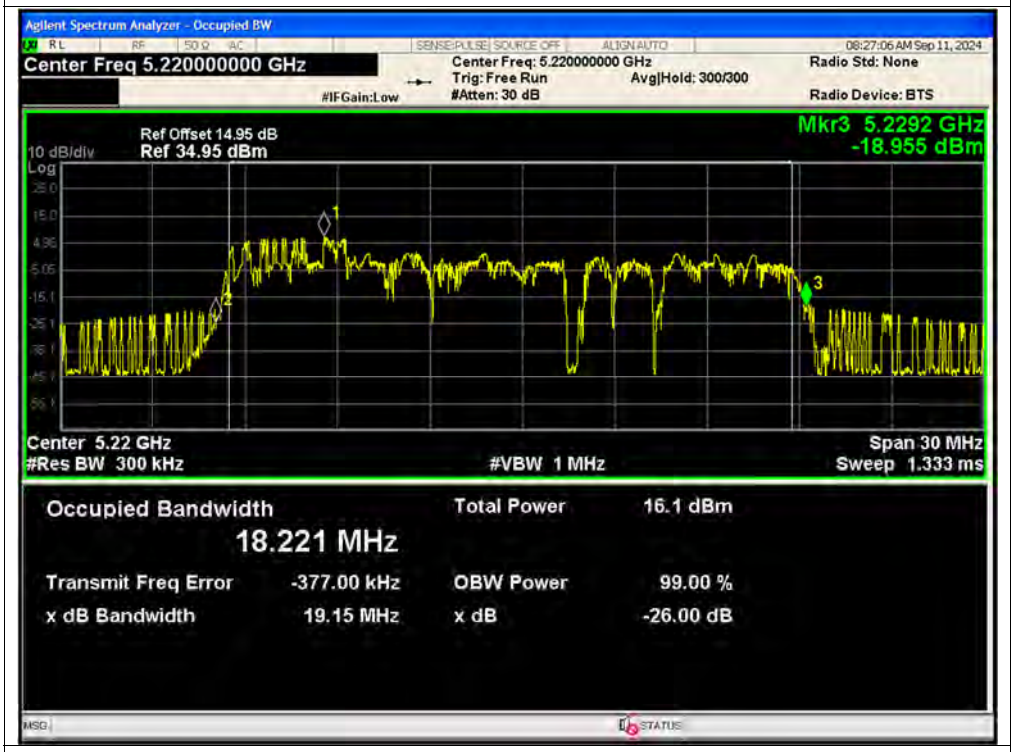
-26dB Bandwidth NVNT ax20 52@37 5720MHz Ant1



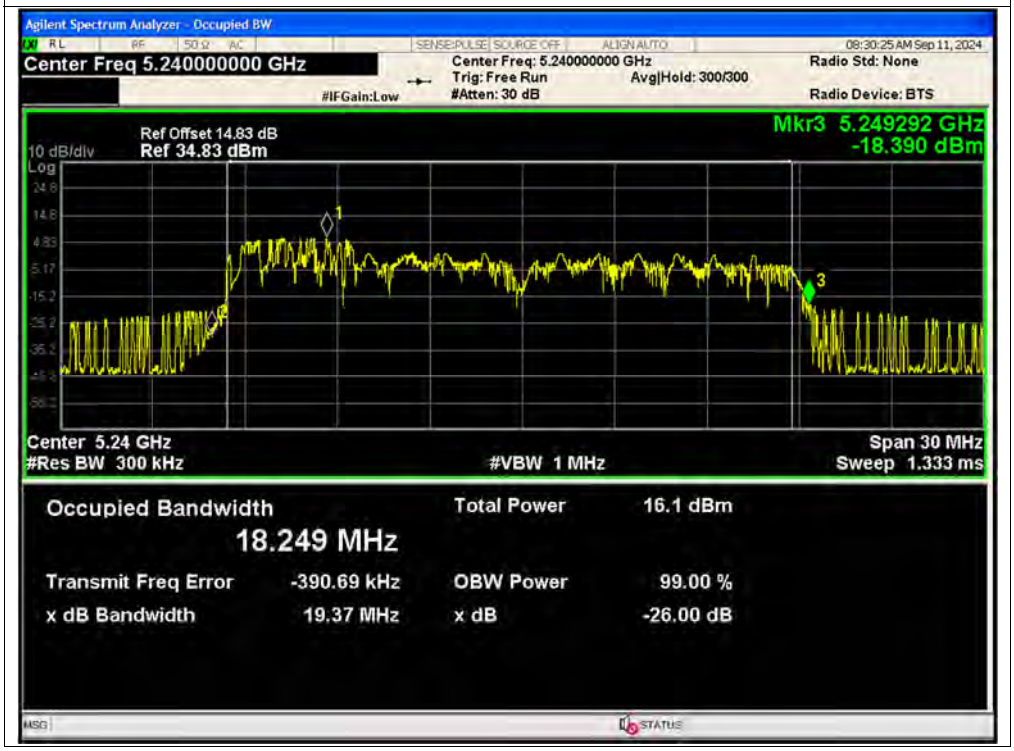
-26dB Bandwidth NVNT ax20 52@37 5180MHz Ant2



-26dB Bandwidth NVNT ax20 52@37 5220MHz Ant2

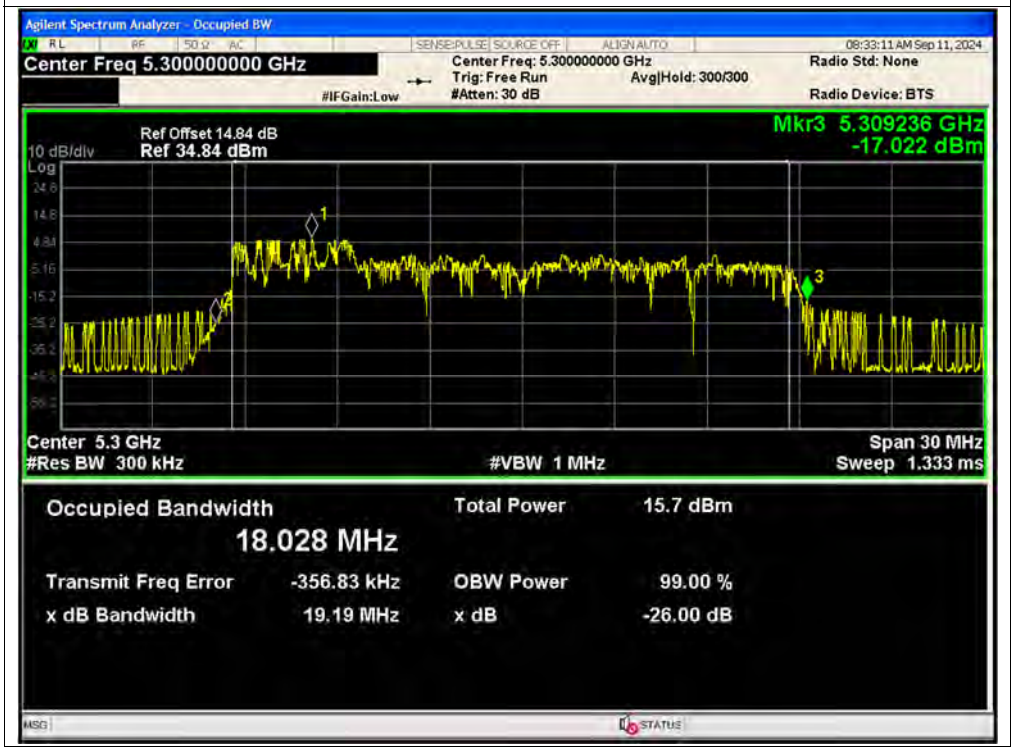


-26dB Bandwidth NVNT ax20 52@37 5240MHz Ant2

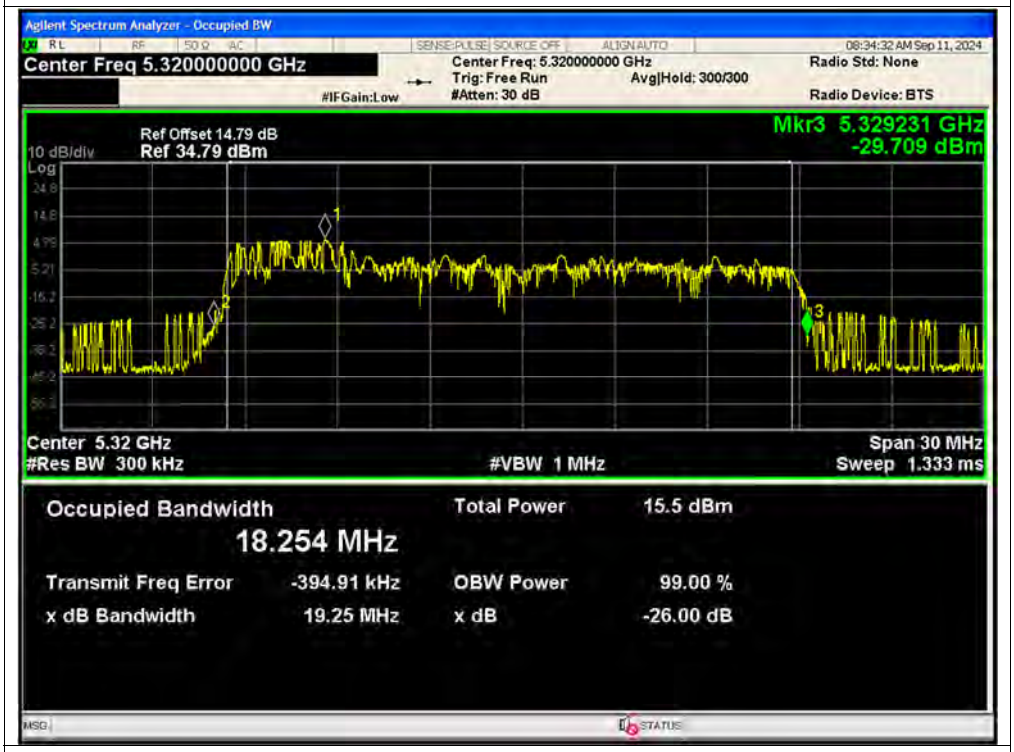


-26dB Bandwidth NVNT ax20 52@37 5260MHz Ant2

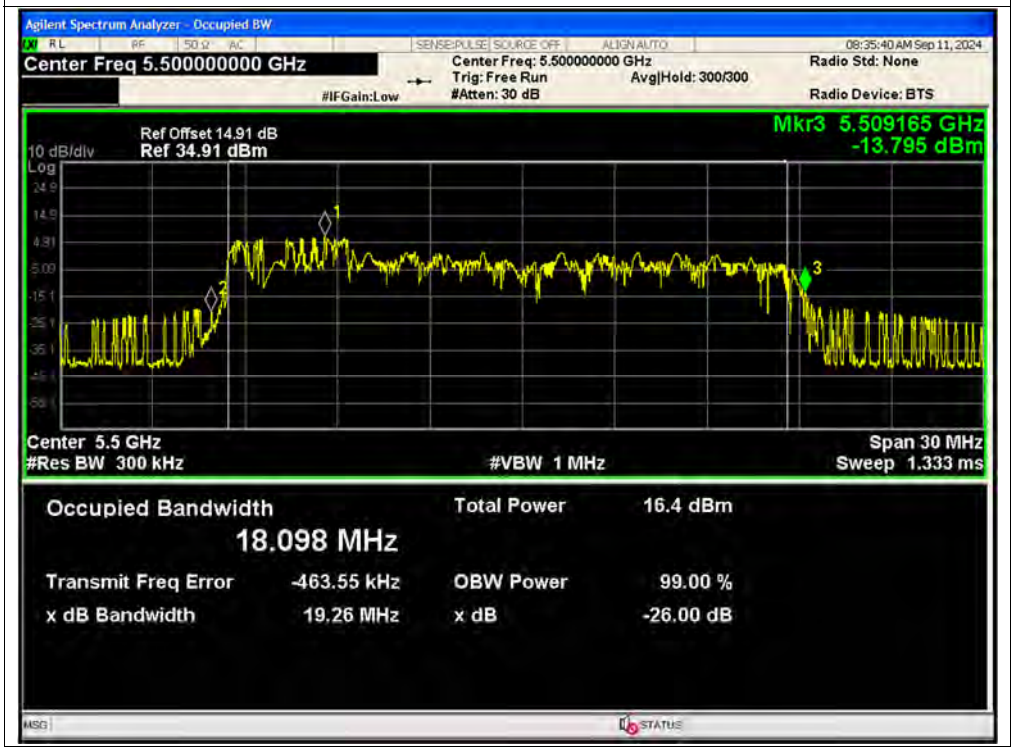
-26dB Bandwidth NVNT ax20 52@37 5300MHz Ant2



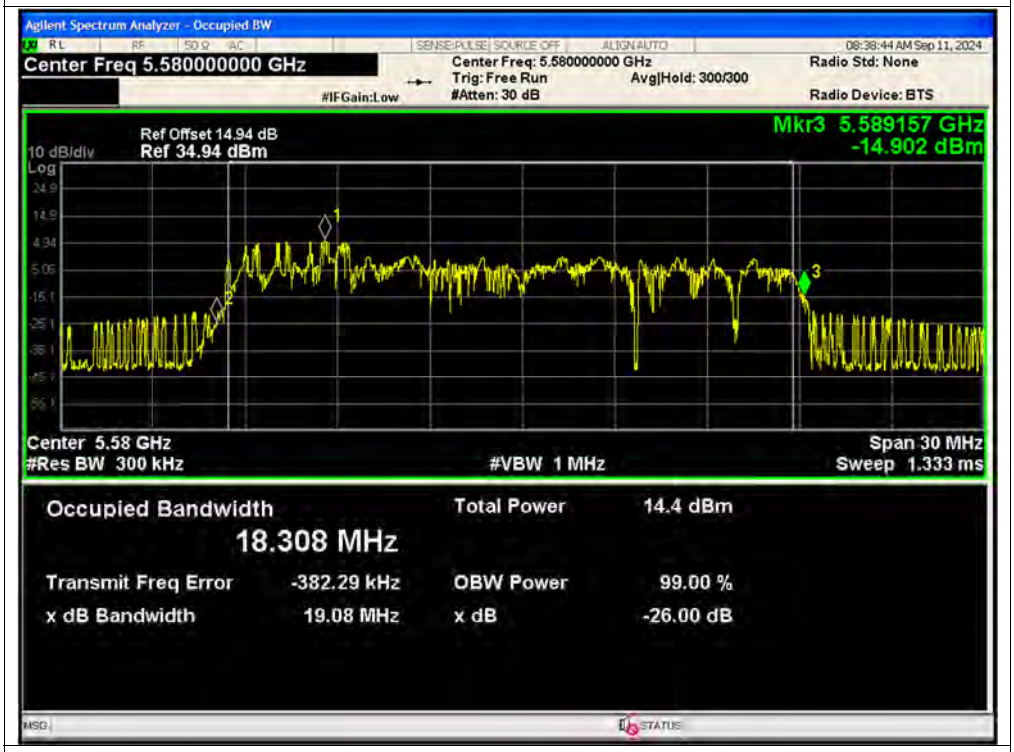
-26dB Bandwidth NVNT ax20 52@37 5320MHz Ant2



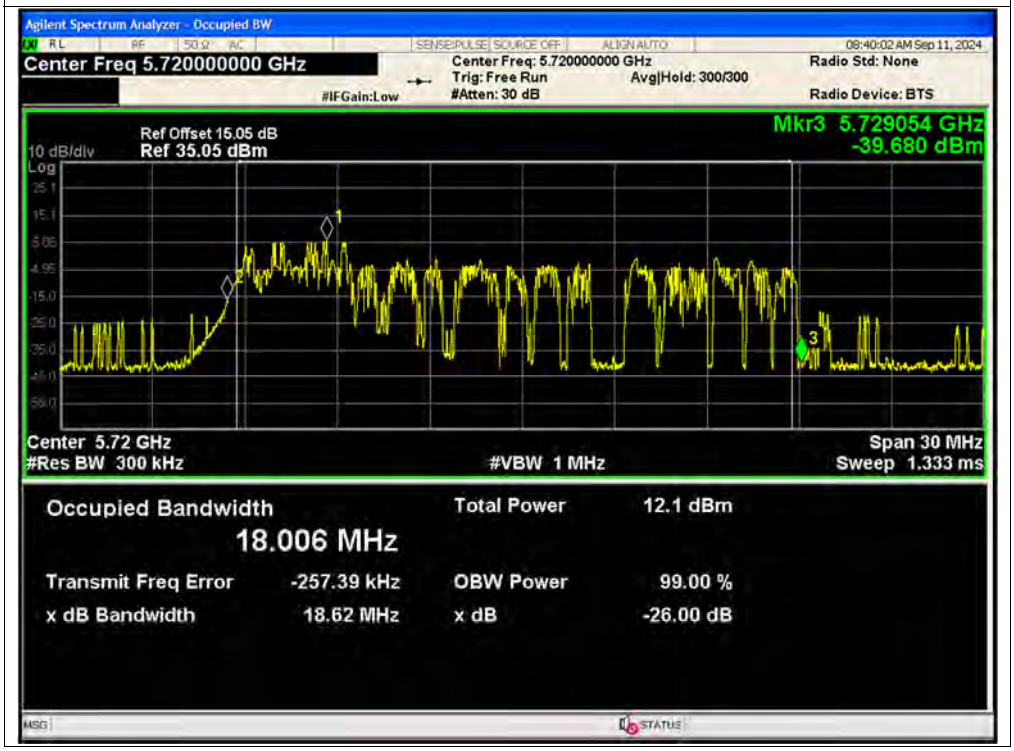
-26dB Bandwidth NVNT ax20 52@37 5500MHz Ant2



-26dB Bandwidth NVNT ax20 52@37 5580MHz Ant2

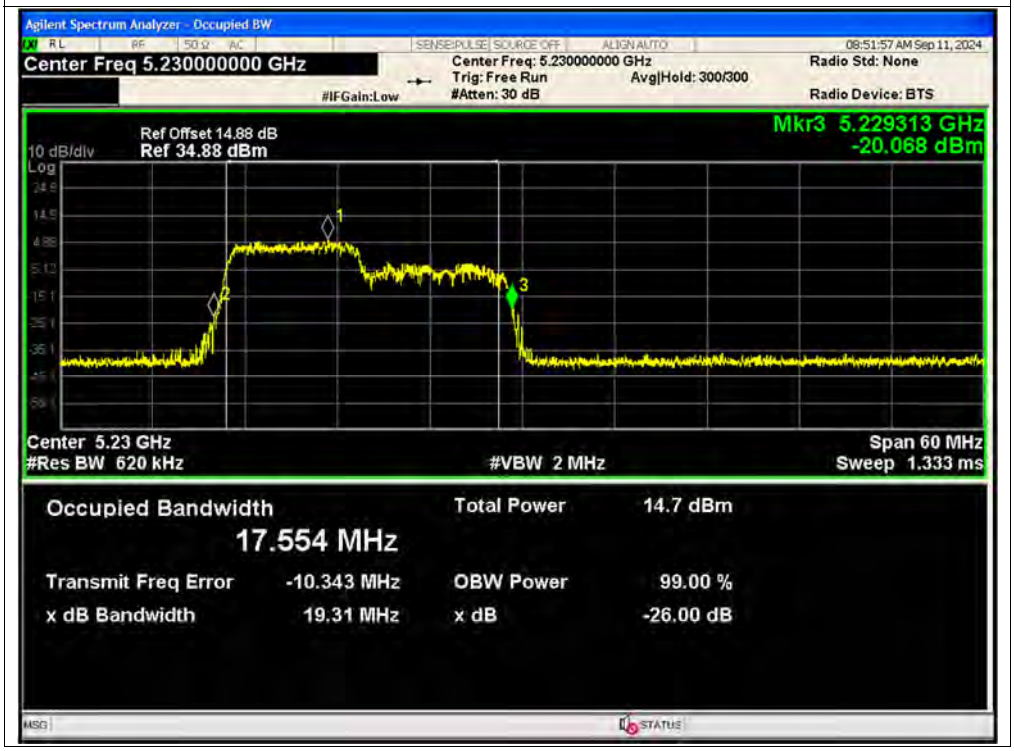


-26dB Bandwidth NVNT ax20 52@37 5720MHz Ant2



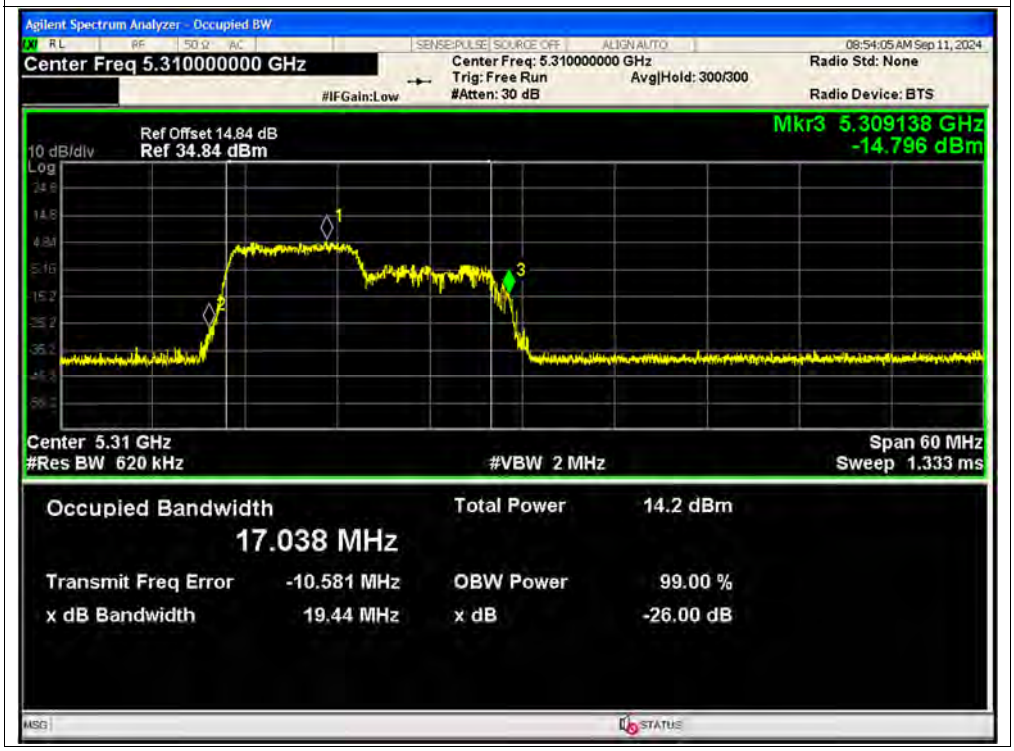
-26dB Bandwidth NVNT ax40 106@53 5190MHz Ant1

-26dB Bandwidth NVNT ax40 106@53 5230MHz Ant1



-26dB Bandwidth NVNT ax40 106@53 5270MHz Ant1

-26dB Bandwidth NVNT ax40 106@53 5310MHz Ant1

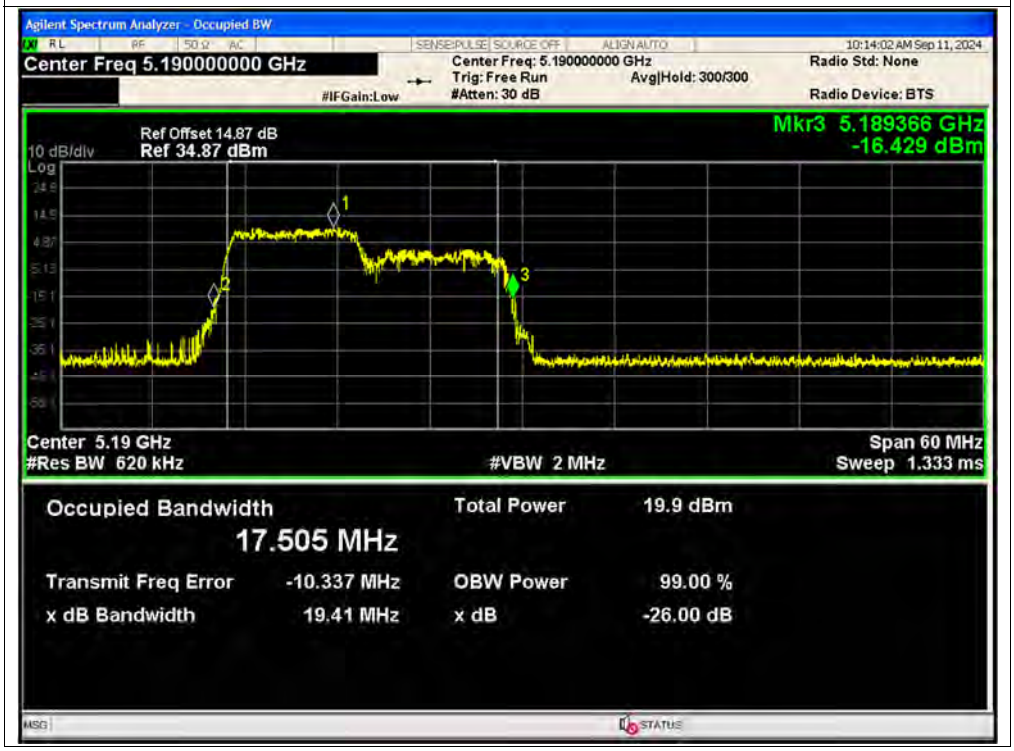


-26dB Bandwidth NVNT ax40 106@53 5510MHz Ant1

-26dB Bandwidth NVNT ax40 106@53 5550MHz Ant1

-26dB Bandwidth NVNT ax40 106@53 5710MHz Ant1

-26dB Bandwidth NVNT ax40 106@53 5190MHz Ant2



-26dB Bandwidth NVNT ax40 106@53 5230MHz Ant2

-26dB Bandwidth NVNT ax40 106@53 5270MHz Ant2