TEST REPORT

Report No.:	BCTC2307882250-4E
Applicant:	Shenzhen Anxin Taihe Technology Co.,Ltd
Product Name:	Laptop
Model/Type reference:	P8
Tested Date:	2023-07-07 to 2023-07-19
Issued Date:	2023-07-19

Shenzhen BCTC Testing Co., Ltd.

FCC ID: 2A8WM-P8

Product Name:	Laptop
Trademark:	KOOSMILE
Model/Type reference:	P8
Prepared For:	Shenzhen Anxin Taihe Technology Co.,Ltd
Address:	Room 201, No. 7, Baolongjun Industrial Zone, Jiuwo, Longping Community, Dalang Street, Longhua District, Shenzhen
Manufacturer:	Shenzhen Anxin Taihe Technology Co.,Ltd
Address:	Room 201, No. 7, Baolongjun Industrial Zone, Jiuwo, Longping Community, Dalang Street, Longhua District, Shenzhen
Prepared By:	Shenzhen BCTC Testing Co., Ltd.
Address:	1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Zhancheng, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Sample Received Date:	2023-07-07
Sample tested Date:	2023-07-07 to 2023-07-19
Issue Date:	2023-07-19
Report No.:	BCTC2307882250-4E
Test Standards:	FCC Part15 15.407 ANSI C63.10-2013 KDB 662911 D01 v02r01 KDB 789033 D02 v02r01
Test Results:	PASS

Tested by:

Brave Zeng/ Project Handler

Approved by:

Zero Zhou/Reviewer

The test report is effective only with both signature and specialized stamp. This result(s) shown in this report refer only to the sample(s) tested. Without written approval of Shenzhen BCTC Testing Co., Ltd, this report can't be reproduced except in full. The tested sample(s) and the sample information are provided by the client.

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(Note: N/A Means Not Applicable)

1. Version

Report No.	Issue Date	Description	Approved
BCTC2307882250-4E	2023-07-19	Original	Valid

2. Test Summary

The Product has been tested according to the following specifications:

No.	Test Parameter	Clause No	Results
1	Spurious Radiated Emissions	15.209(a), 15.407 (b)(1) 15.407 (b)(4) 15.407 (b)(8)	PASS
2	Conducted Emission	15.207	PASS
3	26 dB and 99% Emission Bandwidth	15.407 (a)(12) 15.1049	PASS
4	Minimum 6 dB bandwidth	15.407(e)	PASS
5	Maximum Conducted Output Power	15.407 (a)(1) 15.407 (a)(3)	PASS
6	Band Edge	2.1051, 15.407(b)(1) 15.407(b)(4)	PASS
7	Power Spectral Density	15.407 (a)(1) 15.407 (a)(3)	PASS
8	Spurious Emissions at Antenna Terminals	2.1051, 15.407(b)	PASS
9	Antenna Requirement	15.203	PASS

3. Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the Product as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

No.	Item	Uncertainty
1	3m chamber Radiated spurious emission(9kHz-30MHz)	U=3.7dB
2	3m chamber Radiated spurious emission(30MHz-1GHz)	U=4.3dB
3	3m chamber Radiated spurious emission(1GHz-18GHz)	U=4.5dB
4	3m chamber Radiated spurious emission(18GHz-40GHz)	U=3.34dB
5	Conducted Emission(150kHz-30MHz)	U=3.20dB
6	Conducted Adjacent channel power	U=1.38dB
7	Conducted output power uncertainty Above 1G	U=1.576dB
8	Conducted output power uncertainty below 1G	U=1.28dB
9	humidity uncertainty	U=5.3%
10	Temperature uncertainty	U=0.59℃

4. Product Information And Test Setup

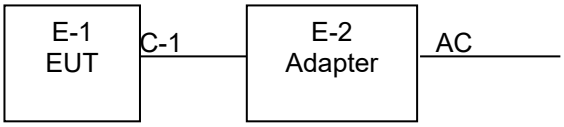
4.1 Product Information

Model/Type Ref.:	P8
Model differences:	N/A
Hardware Version:	N/A
Software Version:	N/A
IEEE 802.11 WLAN Mode Supported	802.11a/n/ac/ax(20MHz channel bandwidth) 802.11n/ac/ax(40MHz channel bandwidth) 802.11ac/ax(80MHz channel bandwidth)
Operation Frequency:	5180-5240MHz for 802.11a/n/ax(HT20); 5190-5230MHz for 802.11n/ax(HT40); 5210MHz for 802.11 ac/ax80; 5745-5825 MHz for 802.11a/n/ax(HT20); 5755-5795 MHz for 802.11n/ax(HT40); 5775MHz for 802.11 ac/ax80;
Data Rate	802.11a: 6,9,12,18,24,36,48,54Mbps; 802.11n(HT20/HT40):MCS0-MCS15; 802.11ac/ax(VHT20): NSS1, MCS0-MCS8 802.11ac/ax(VHT40/VHT80):NSS1, MCS0-MCS
Type of Modulation:	OFDM with BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM for 802.11a/n/ac/ax;
Number Of Channel	4 channels for 802.11a/n20/ax20 in the 5180-5240MHz band ; 2 channels for 802.11 n40/ax40 in the 5190-5230MHz band ; 1 channels for 802.11 ac80/ax80 in the 5210MHz band ; 5 channels for 802.11a/n20/ax20 in the 5745-5825MHz band ; 2 channels for 802.11 n40/ax40 in the 5755-5795MHz band ; 1 channels for 802.11 ac80/ax80 in the 5775MHz band
Antenna installation:	Internal antenna
Antenna Gain:	5.1G: Antenna A: 0.02 dBi Antenna B: -1.64 dBi 5.8G: Antenna A: 0.02 dBi Antenna B: -1.64 dBi
Ratings:	DC 5V from adapter/DC 11.4V from battery
Adapter:	MODEL: KWY-PD30C INPUT: 100-240V~50/60Hz 0.8A OUTPUT: USD-C 5V3A, 9V/3A, 12V2.5A 15V2A, 20V1.5A(30W Max) PPS: 3.6V-11V/3A(PPS 33W Max)

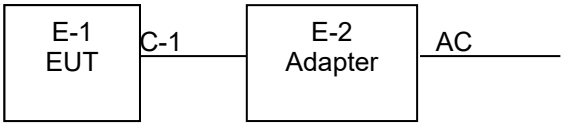
4.2 Test Setup Configuration

See test photographs attached in *EUT TEST SETUP PHOTOGRAPHS* for the actual connections between Product and support equipment.

Conducted Emission:



Radiated Spurious Emission



4.3 Support Equipment

No.	Device Type	Brand	Model	Series No.	Note
E-1	Laptop	KOOSMILE	P8	N/A	EUT
E-2	ADAPTER	N/A	KWY-PD30C	N/A	Auxiliary

Item	Shielded Type	Ferrite Core	Length	Note
C-1	N/A	N/A	1M	DC cable unshielded

Notes:

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

4.4 Channel List

5.1G

802.11a/n/ac/ax(20MHz) Carrier Frequency Channel							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	44	5220	-	-	-	-
40	5200	48	5240	-	-	-	-

802.11n /ac/ax(40MHz) Carrier Frequency Channel							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190	-	-	-	-	-	-
46	5230	-	-	-	-	-	-

802.11ac/ax (80MHz) Carrier Frequency Channel	
Channel	Frequency (MHz)
42	5210

5.8G

802.11a/n/ac/ax(20 MHz) Carrier Frequency Channel							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	153	5765	157	5785	161	5805
165	5825	-	-	-	-	-	-

802.11n/ac/ax 40MHz Carrier Frequency Channel					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
151	5755	159	5795	-	-

802.11ac/ax 80MHz Carrier Frequency Channel	
Channel	Frequency (MHz)
155	5775

4.5 Test Mode

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	802.11a / n/ ac 20/ ax 20 CH36/ CH40/ CH 48 802.11a /n/ ac 20/ ax 20 CH149/ CH157/ CH 165
Mode 2	802.11n/ ac40/ ax 40 CH38/ CH 46 802.11n/ ac40/ ax 40 CH 151 / CH 159
Mode 3	802.11 ac80/ ax80 CH 42/CH 155
Mode 4	Link mode (Conducted emission & Radiated emission)

Note:

(1) The measurements are performed at all Bit Rate of Transmitter, the worst data was reported.
(2) We're testing antenna A data.

4.6 Table Of Parameters Of Text Software Setting

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters

Test software Version	**CMD**		
Parameters	DEF	DEF	DEF

4.7 Antenna

5.1G

1)For power spectral density(PSD) measurements,
Array Gain=10log(NANT/NSS)dB=10log(2/1)=3.01dB,
So the directional gain for PSD is 3.03 dBi
2)For power measurements,
The Array gain=0 dB for NANT≤4,
So the directional gain for Power measurements is 0.02 dBi

Antenna	Brand	Model Name	Antenna Type	Gain (dBi)	NOTE
A	N/A	N/A	Internal antenna	0.02	N/A
B	N/A	N/A	Internal antenna	-1.64	N/A

5.8G

1)For power spectral density(PSD) measurements,
Array Gain=10log(NANT/NSS)dB=10log(2/1)=3.01dB,
So the directional gain for PSD is 3.03 dB
2)For power measurements,
The Array gain=0 dB for NANT≤4,
So the directional gain for Power measurements is 0.02 dBi

Antenna	Brand	Model Name	Antenna Type	Gain (dBi)	NOTE
A	N/A	N/A	Internal antenna	0.02	N/A
B	N/A	N/A	Internal antenna	-1.64	N/A

Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the highest gain.

5. Test Facility And Test Instrument Used

5.1 Test Facility

All measurement facilities used to collect the measurement data are located at Shenzhen BCTC Testing Co., Ltd. Address: 1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Zhancheng, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China. The site and apparatus are constructed in conformance with the requirements of ANSI C63.4 and CISPR 16-1-1 other equivalent standards.
FCC Test Firm Registration Number: 712850
A2LA certificate registration number is: CN1212
ISED Registered No.: 23583
ISED CAB identifier: CN0017

5.2 Test Instrument Used

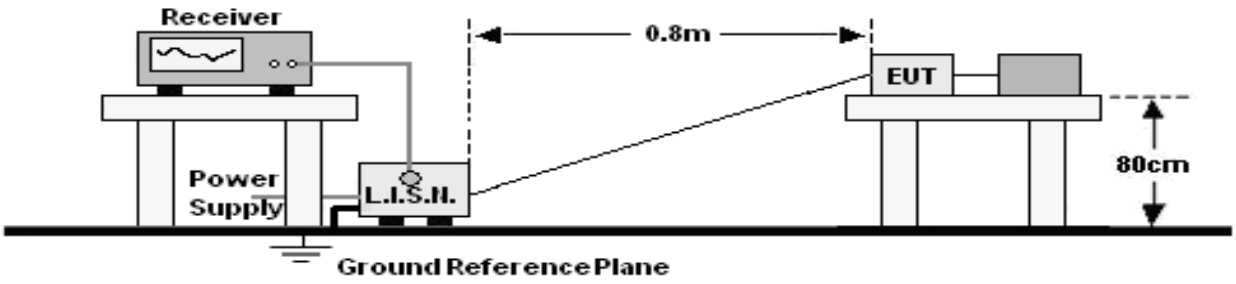
Conducted Emissions Test					
Equipment	**Manufacturer**	**Model#**	**Serial#**	**Last Cal.**	**Next Cal.**
Receiver	R&S	ESR3	102075	May 15, 2023	May 14, 2024
LISN	R&S	ENV216	101375	May 15, 2023	May 14, 2024
Software	Frad	EZ-EMC	EMC-CON 3A1	\	\
Attenuator	\	10dB DC-6GHz	1650	May 15, 2023	May 14, 2024

RF Conducted Test					
Equipment	**Manufacturer**	**Model#**	**Serial#**	**Last Cal.**	**Next Cal.**
Power Metter	Keysight	E4419	\	May 15, 2023	May 14, 2024
Power Sensor (AV)	Keysight	E9300A	\	May 15, 2023	May 14, 2024
Signal Analyzer20kHz-26.5GHz	Keysight	N9020A	MY49100060	May 15, 2023	May 14, 2024
Spectrum Analyzer9kHz-40GHz	R&S	FSP40	100363	May 15, 2023	May 14, 2024
Radio frequency control box	MAIWEI	MW100-RFCB	\	\	\
Software	MAIWEI	MTS 8310	\	\	\

Radiated Emissions Test (966 Chamber01)					
Equipment	**Manufacturer**	**Model#**	**Serial#**	**Last Cal.**	**Next Cal.**
966 chamber	ChengYu	966 Room	966	May 15, 2023	May 14, 2026
Receiver	R&S	ESR3	102075	May 15, 2023	May 14, 2024
Receiver	R&S	ESRP	101154	May 15, 2023	May 14, 2024
Amplifier	Schwarzbeck	BBV9744	9744-0037	May 15, 2023	May 14, 2024
TRILOG Broadband Antenna	Schwarzbeck	VULB9163	942	May 29, 2023	May 28, 2024
Loop Antenna(9KHz -30MHz)	Schwarzbeck	FMZB1519B	00014	May 31, 2023	May 30, 2024
Amplifier	SKET	LAPA_01G18 G-45dB	\	May 15, 2023	May 14, 2024
Horn Antenna	Schwarzbeck	BBHA9120D	1541	May 31, 2023	May 30, 2024
Amplifier(18G Hz-40GHz)	MITEQ	TTA1840-35-HG	2034381	May 15, 2023	May 14, 2024
Horn Antenna(18G Hz-40GHz)	Schwarzbeck	BBHA9170	00822	May 31, 2023	May 30, 2024
Spectrum Analyzer9kHz-40GHz	R&S	FSP40	100363	May 15, 2023	May 14, 2024
Software	Frad	EZ-EMC	FA-03A2 RE	\	\

6. Conducted Emissions

6.1 Block Diagram Of Test Setup



6.2 Limit

Frequency (MHz)	Limit (dBuV)	
	Quas-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00
Notes: 1. *Decreasing linearly with logarithm of frequency. 2. The lower limit shall apply at the transition frequencies.		

6.3 Test Procedure

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

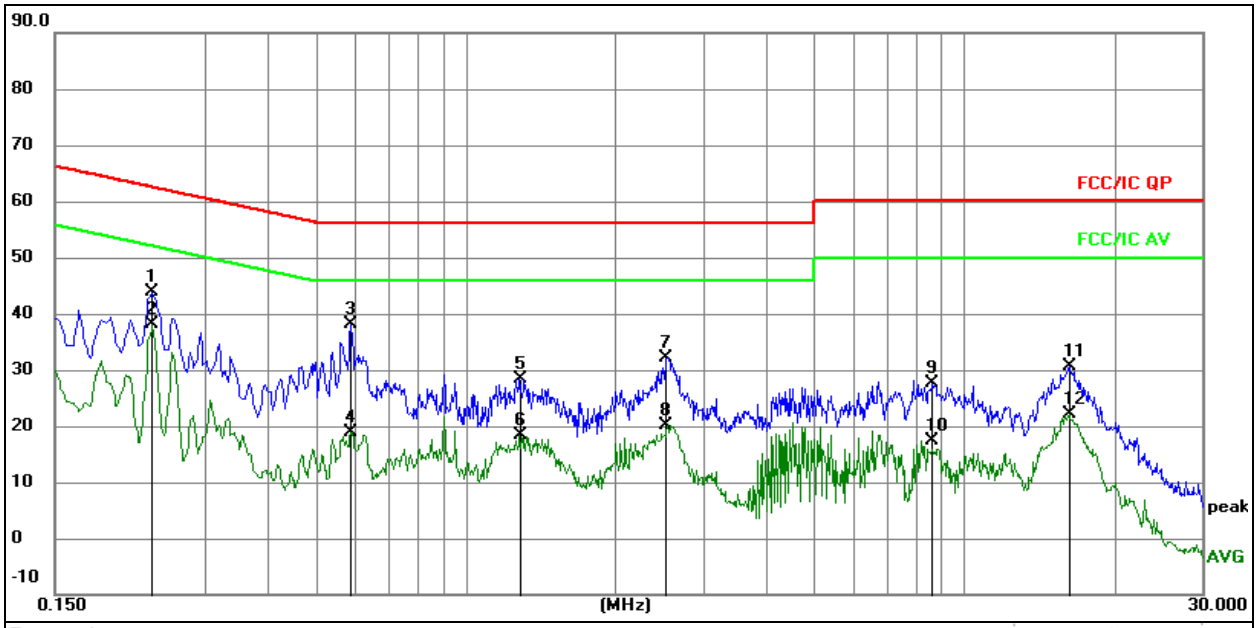
a. The Product was placed on a nonconductive table 0.8 m above the horizontal ground reference plane, and 0.4 m from the vertical ground reference plane, and connected to the main through Line Impedance Stability Network (L.I.S.N).
b. The RBW of the receiver was set at 9 kHz in 150 kHz ~ 30MHz with Peak and AVG detector in Max Hold mode. Run the receiver's pre-scan to record the maximum disturbance generated from Product in all power lines in the full band.
c. For each frequency whose maximum record was higher or close to limit, measure its QP and AVG values and record.

6.4 EUT Operating Conditions

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

6.5 Test Result

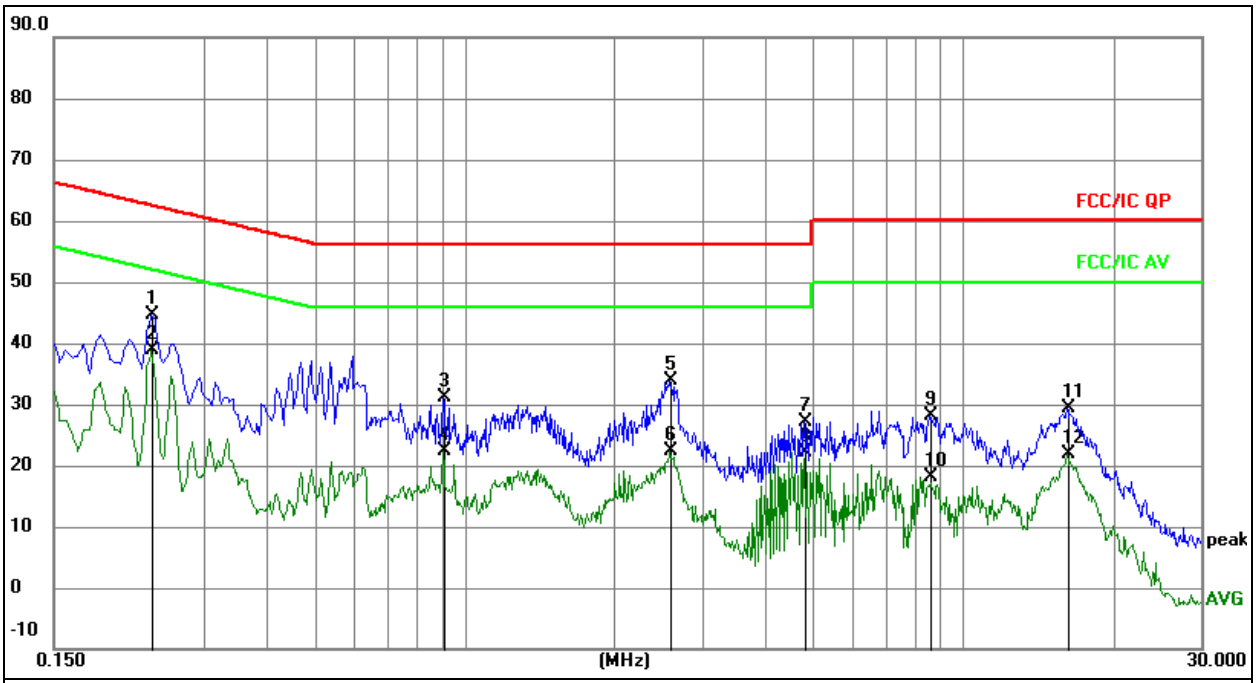
Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	101KPa	Phase :	L
Test Mode:	Mode 4	Test Voltage :	AC120V/60Hz



Remark:
1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.
3. Measurement=Reading Level+ Correct Factor
4. Over= Measurement-Limit

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz		dB	dBuV	dBuV	dB	Detector
1		0.2353	34.18	9.61	43.79	62.26	-18.47	QP
2	*	0.2353	28.46	9.61	38.07	52.26	-14.19	AVG
3		0.5885	28.39	9.62	38.01	56.00	-17.99	QP
4		0.5885	9.33	9.62	18.95	46.00	-27.05	AVG
5		1.2824	18.75	9.73	28.48	56.00	-27.52	QP
6		1.2824	8.67	9.73	18.40	46.00	-27.60	AVG
7		2.5266	22.49	9.76	32.25	56.00	-23.75	QP
8		2.5266	10.39	9.76	20.15	46.00	-25.85	AVG
9		8.6373	17.94	9.70	27.64	60.00	-32.36	QP
10		8.6373	7.64	9.70	17.34	50.00	-32.66	AVG
11		16.2256	21.03	9.69	30.72	60.00	-29.28	QP
12		16.2256	12.47	9.69	22.16	50.00	-27.84	AVG

Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	101KPa	Phase :	N
Test Mode:	Mode 4	Test Voltage :	AC120V/60Hz



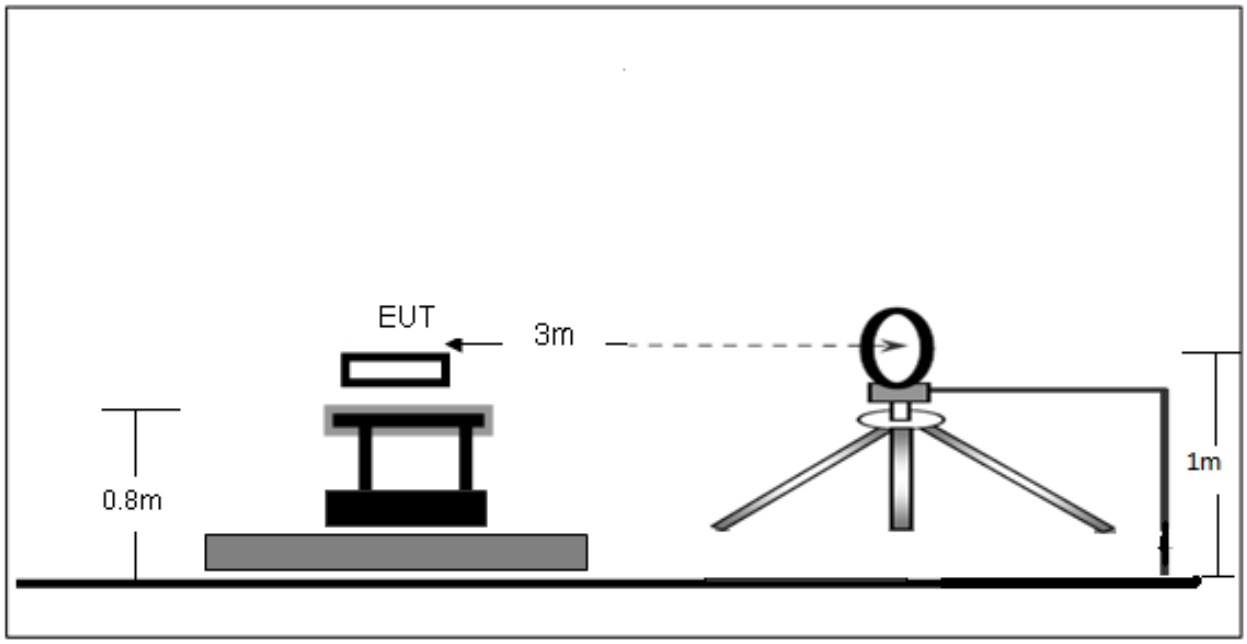
Remark:
1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.
3. Measurement=Reading Level+ Correct Factor
4. Over=Measurement-Limit

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz		dB	dBuV	dBuV	dB	Detector
1		0.2355	34.98	9.61	44.59	62.25	-17.66	QP
2	*	0.2355	29.32	9.61	38.93	52.25	-13.32	AVG
3		0.9060	21.33	9.70	31.03	56.00	-24.97	QP
4		0.9060	12.76	9.70	22.46	46.00	-23.54	AVG
5		2.5889	24.17	9.76	33.93	56.00	-22.07	QP
6		2.5889	12.50	9.76	22.26	46.00	-23.74	AVG
7		4.8075	17.29	9.81	27.10	56.00	-28.90	QP
8		4.8075	12.35	9.81	22.16	46.00	-23.84	AVG
9		8.5875	18.33	9.70	28.03	60.00	-31.97	QP
10		8.5875	8.53	9.70	18.23	50.00	-31.77	AVG
11		16.1700	19.73	9.69	29.42	60.00	-30.58	QP
12		16.1700	12.12	9.69	21.81	50.00	-28.19	AVG

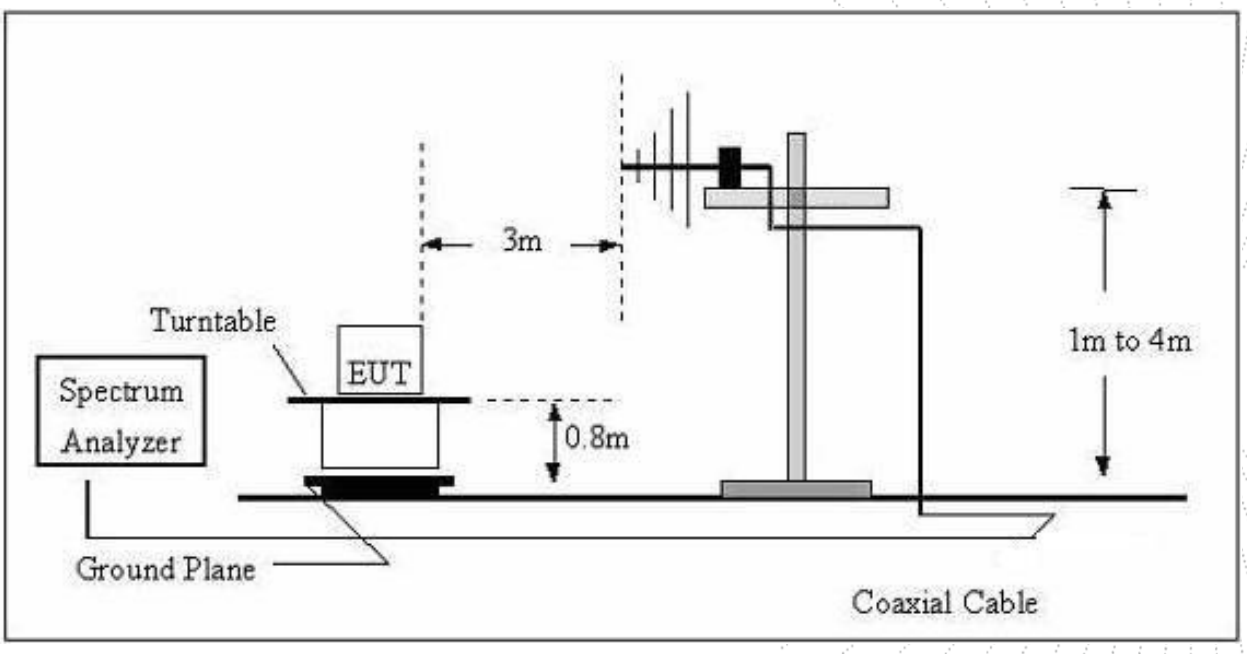
7. Radiated Emissions

7.1 Block Diagram Of Test Setup

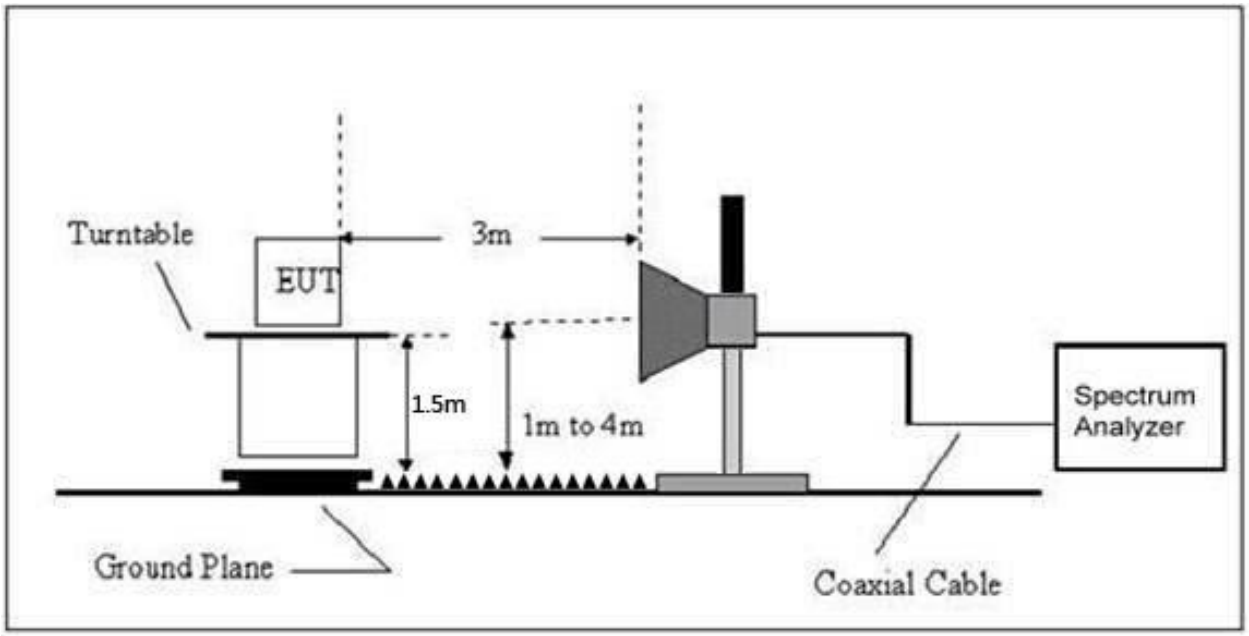
（A）Radiated Emission Test-Up Frequency Below 30MHz



（B）Radiated Emission Test-Up Frequency 30MHz~1GHz



（C）Radiated Emission Test-Up Frequency Above 1GHz



7.2 Limit

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequency	Field Strength	Distance	Field Strength Limit at 3m Distance	
(MHz)	uV/m	(m)	uV/m	dBuV/m
0.009 ~ 0.490	2400/F(kHz)	300	10000 * 2400/F(kHz)	$20\log^{(2400/F(kHz))}$ + 80
0.490 ~ 1.705	24000/F(kHz)	30	100 * 24000/F(kHz)	$20\log^{(24000/F(kHz))}$ + 40
1.705 ~ 30	30	30	100 * 30	$20\log^{(30)}$ + 40
30 ~ 88	100	3	100	$20\log^{(100)}$
88 ~ 216	150	3	150	$20\log^{(150)}$
216 ~ 960	200	3	200	$20\log^{(200)}$
Above 960	500	3	500	$20\log^{(500)}$

Limits Of Radiated Emission Measurement (Above 1000MHz)

Frequency (MHz)	Limit (dBuV/m) (at 3M)	
	Peak	Average
Above 1000	74	54

Notes:
(1)The limit for radiated test was performed according to FCC PART 15C.
(2)The tighter limit applies at the band edges.
(3) Emission level (dBuV/m)=20log Emission level (uV/m).

7.3 Test Procedure

The test site semi-anechoic chamber has met the requirement of NSA tolerance 4 dB according to the standards: ANSI C63.10-2013. The test distance is 3m.The setup is according to the requirements in Section 13.1.4.1 of ANSI C63.10-2013 and CAN/CSA-CEI/IEC CISPR 22.
This test is required for any spurious emission that falls in a Restricted Band, as defined in Section 15.205.
It must be performed with the highest gain of each type of antenna proposed for use with the EUT.
Use the following spectrum analyzer settings:

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB / VB (emission in restricted band)	1 MHz / 1 MHz for Peak, 1 MHz / 10Hz for Average

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
b. The EUT was placed on the top of a rotating table 0.8 m for below 1GHz and 1.5m for above 1GHz the ground at a 3 meter. The table was rotated 360 degrees to determine the position of the highest radiation.
c. The height of the equipment or of the substitution antenna shall be 0.8 m for below 1GHz and 1.5m for above 1GHz; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

Note:

Both horizontal and vertical antenna polarities were tested
and performed pretest to three orthogonal axis. The worst case emissions were reported

During the radiated emission test, the Spectrum Analyzer was set with the following configurations:

Frequency Band (MHz)	Function	Resolution bandwidth	Video Bandwidth
30 to 1000	QP	120 kHz	300 kHz
Above 1000	Peak	1 MHz	1 MHz
	Average	1 MHz	10 Hz

Note: for the frequency ranges below 30 MHz, a narrower RBW is used for these ranges but the measured value should add a RBW correction factor (RBWCF) where RBWCF [dB] =10*lg(100 [kHz]/narrower RBW [kHz]). , the narrower RBW is 1 kHz and RBWCF is 20 dB for the frequency 9 kHz to 150 kHz, and the
narrower RBW is 10 kHz and RBWCF is 10 dB for the frequency 150 kHz to 30 MHz.

7.4 EUT Operating Conditions

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

7.5 Test Result

Below 30MHz

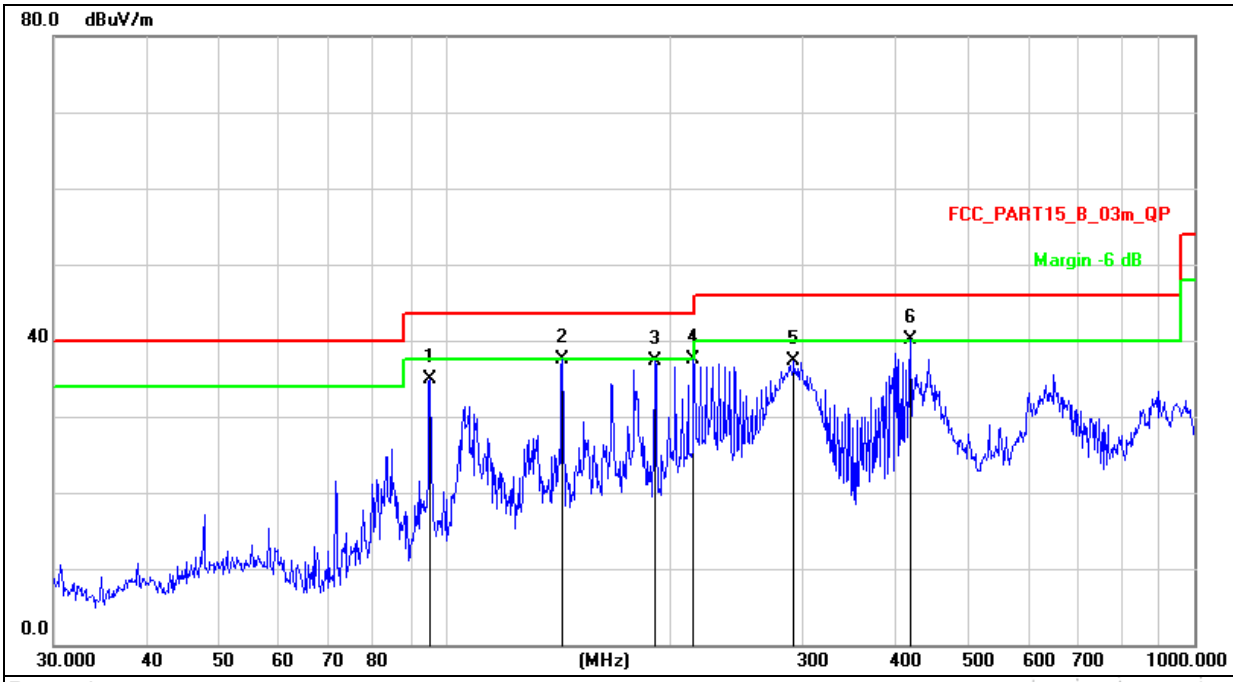
Temperature:	26℃	Relative Humidity:	24%
Pressure:	101 kPa	Test Voltage:	AC120V/60Hz
Test Mode:	Mode 4	Polarization:	--

Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
--	--	--	--	PASS
--	--	--	--	PASS

Note:
The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.
Distance extrapolation factor =40 log (specific distance/test distance)(dB);
Limit line = specific limits(dBuv) + distance extrapolation factor.

Between 30MHz – 1GHz

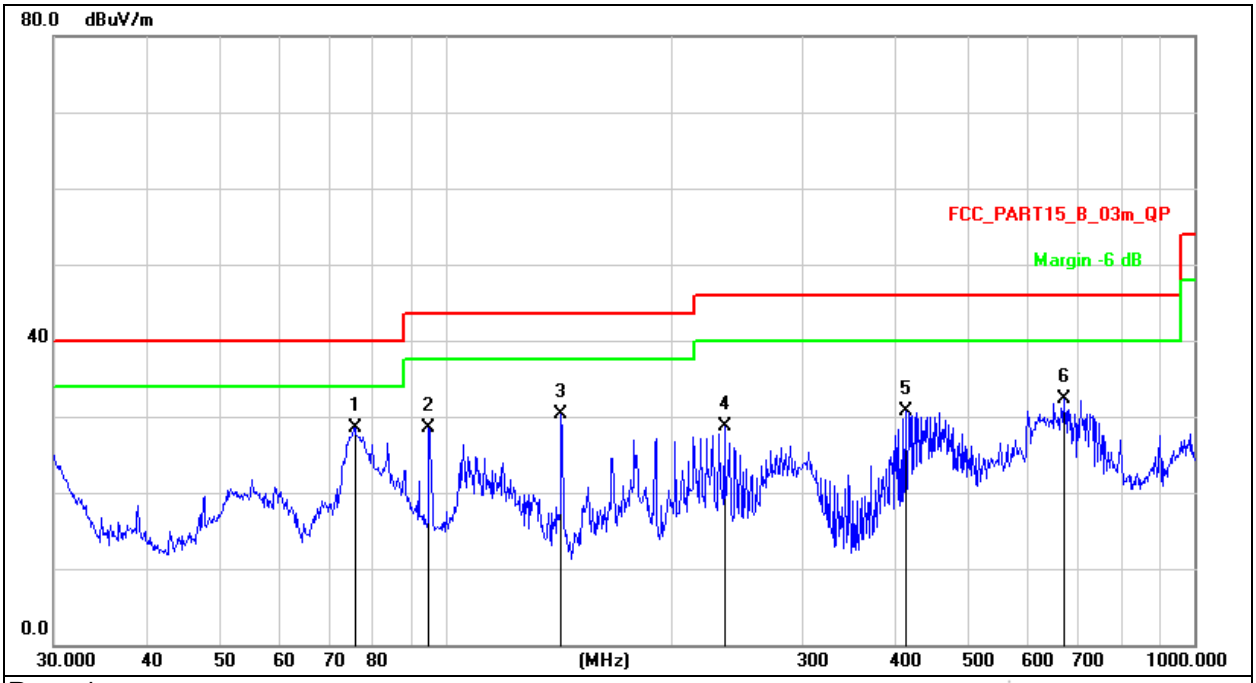
Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	101KPa	Phase :	Horizontal
Test Mode:	Mode 4	Test Voltage :	AC120V/60Hz



Remark:
1.Factor = Antenna Factor + Cable Loss – Pre-amplifier.
2. Measurement=Reading Level+ Correct Factor
3. Over= Measurement-Limit

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector
1		95.4270	53.42	-18.43	34.99	43.50	-8.51	QP
2		143.3261	58.02	-20.61	37.41	43.50	-6.09	QP
3		190.4050	55.36	-18.08	37.28	43.50	-6.22	QP
4	!	214.5143	54.45	-16.92	37.53	43.50	-5.97	QP
5		292.0583	52.11	-14.78	37.33	46.00	-8.67	QP
6	*	417.6411	52.16	-11.96	40.20	46.00	-5.80	QP

Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	101KPa	Phase :	Vertical
Test Mode:	Mode 4	Test Voltage :	AC120V/60Hz



Remark:
1.Factor = Antenna Factor + Cable Loss – Pre-amplifier.
2. Measurement=Reading Level+ Correct Factor
3. Over= Measurement-Limit

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector
1	*	75.7114	49.44	-20.87	28.57	40.00	-11.43	QP
2		95.0930	46.94	-18.48	28.46	43.50	-15.04	QP
3		142.8243	50.81	-20.58	30.23	43.50	-13.27	QP
4		235.8164	44.97	-16.27	28.70	46.00	-17.30	QP
5		411.8240	42.79	-12.04	30.75	46.00	-15.25	QP
6		670.4893	39.76	-7.49	32.27	46.00	-13.73	QP

Between 1GHz – 40GHz

Test Mode:	TX(5.1G) - 802.11a

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Cable loss (dB)	Antenna Factor dB/m	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel (5180 MHz)-Above 1G									
V	4434.096	62.51	5.94	35.40	44.00	59.85	68.2	-8.35	PK
V	4434.096	43.68	5.94	35.40	44.00	41.02	54	-12.98	AV
V	10360.181	62.19	8.46	39.75	44.50	65.90	68.2	-2.30	PK
V	10360.181	43.33	8.46	39.75	44.50	47.04	54	-6.96	AV
V	15540.189	61.75	10.12	38.80	44.10	66.57	74	-7.43	PK
V	15540.189	43.06	10.12	38.80	42.70	49.28	54	-4.72	AV
H	4434.126	61.34	5.94	35.18	44.00	58.46	68.2	-9.74	PK
H	4434.126	43.64	5.94	35.18	44.00	40.76	54	-13.24	AV
H	10360.073	51.53	8.46	38.71	44.50	54.20	68.2	-14.00	PK
H	10360.073	40.32	8.46	38.71	44.50	42.99	54	-11.01	AV
H	15540.061	54.24	10.12	38.38	44.10	58.64	74	-15.36	PK
H	15540.061	40.70	10.12	38.38	44.10	45.10	54	-8.90	AV
middle Channel (5200 MHz)-Above 1G									
V	4592.070	63.19	6.48	36.35	44.05	61.97	74	-12.03	PK
V	4592.070	43.43	6.48	36.35	44.05	42.21	54	-11.79	AV
V	10400.015	60.84	8.47	37.88	44.51	62.68	68.2	-5.52	PK
V	10400.015	43.05	8.47	37.88	44.51	44.89	54	-9.11	AV
V	15600.006	61.72	10.12	38.80	44.10	66.54	74	-7.46	PK
V	15600.006	43.72	10.12	38.80	42.70	49.94	54	-4.06	AV
H	4592.079	63.97	6.48	36.37	44.05	62.77	74	-11.23	PK
H	4592.079	43.07	6.48	36.37	44.05	41.87	54	-12.13	AV
H	10400.007	51.29	8.47	38.64	44.50	53.90	68.2	-14.30	PK
H	10400.007	40.85	8.47	38.64	44.50	43.46	54	-10.54	AV
H	15600.170	50.18	10.12	38.38	44.10	54.58	74	-19.42	PK
H	15600.170	42.92	10.12	38.38	44.10	47.32	54	-6.68	AV
High Channel (5240 MHz)-Above 1G									
V	4739.191	60.63	7.10	37.24	43.50	61.47	74	-12.53	PK
V	4739.191	43.39	7.10	37.24	43.50	44.23	54	-9.77	AV
V	10480.057	63.51	8.46	37.68	44.50	65.15	68.2	-3.05	PK
V	10480.057	43.30	8.46	37.68	44.50	44.94	54	-9.06	AV
V	15720.013	63.46	10.12	38.80	44.10	68.28	74	-5.72	PK
V	15720.013	43.64	10.12	38.80	42.70	49.86	54	-4.14	AV
H	4739.002	62.33	7.10	37.24	43.50	63.17	74	-10.83	PK
H	4739.002	43.82	7.10	37.24	43.50	44.66	54	-9.34	AV
H	10480.167	51.49	8.46	38.57	44.50	54.02	68.2	-14.18	PK
H	10480.167	40.88	8.46	38.57	44.50	43.41	54	-10.59	AV
H	15720.011	52.05	10.12	38.38	44.10	56.45	74	-17.55	PK
H	15720.011	40.61	10.12	38.38	44.10	45.01	54	-8.99	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
The worst case is Antenna A.

Test Mode:	TX(5.1G) - 802.11n-HT20

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Cable loss (dB)	Antenna Factor dB/m	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel (5180 MHz)-Above 1G									
V	4434.103	62.23	5.94	35.40	44.00	59.57	68.2	-8.63	PK
V	4434.103	43.47	5.94	35.40	44.00	40.81	54	-13.19	AV
V	10360.121	62.14	8.46	39.75	44.50	65.85	68.2	-2.35	PK
V	10360.121	43.65	8.46	39.75	44.50	47.36	54	-6.64	AV
V	15540.044	62.38	10.12	38.80	44.10	67.20	74	-6.80	PK
V	15540.044	43.50	10.12	38.80	42.70	49.72	54	-4.28	AV
H	4434.145	64.24	5.94	35.18	44.00	61.36	68.2	-6.84	PK
H	4434.145	43.13	5.94	35.18	44.00	40.25	54	-13.75	AV
H	10360.044	50.01	8.46	38.71	44.50	52.68	68.2	-15.52	PK
H	10360.044	43.69	8.46	38.71	44.50	46.36	54	-7.64	AV
H	15540.017	51.70	10.12	38.38	44.10	56.10	74	-17.90	PK
H	15540.017	43.26	10.12	38.38	44.10	47.66	54	-6.34	AV
middle Channel (5200 MHz)-Above 1G									
V	4592.101	64.90	6.48	36.35	44.05	63.68	74	-10.32	PK
V	4592.101	43.91	6.48	36.35	44.05	42.69	54	-11.31	AV
V	10400.048	62.57	8.47	37.88	44.51	64.41	68.2	-3.79	PK
V	10400.048	43.30	8.47	37.88	44.51	45.14	54	-8.86	AV
V	15600.046	60.21	10.12	38.80	44.10	65.03	74	-8.97	PK
V	15600.046	43.76	10.12	38.80	42.70	49.98	54	-4.02	AV
H	4592.149	61.42	6.48	36.37	44.05	60.22	74	-13.78	PK
H	4592.149	43.73	6.48	36.37	44.05	42.53	54	-11.47	AV
H	10400.149	53.94	8.47	38.64	44.50	56.55	68.2	-11.65	PK
H	10400.149	42.63	8.47	38.64	44.50	45.24	54	-8.76	AV
H	15600.161	54.56	10.12	38.38	44.10	58.96	74	-15.04	PK
H	15600.161	43.95	10.12	38.38	44.10	48.35	54	-5.65	AV
High Channel (5240 MHz)-Above 1G									
V	4739.128	64.78	7.10	37.24	43.50	65.62	74	-8.38	PK
V	4739.128	43.04	7.10	37.24	43.50	43.88	54	-10.12	AV
V	10480.136	63.41	8.46	37.68	44.50	65.05	68.2	-3.15	PK
V	10480.136	43.97	8.46	37.68	44.50	45.61	54	-8.39	AV
V	15720.190	62.90	10.12	38.80	44.10	67.72	74	-6.28	PK
V	15720.190	43.83	10.12	38.80	42.70	50.05	54	-3.95	AV
H	4739.057	62.28	7.10	37.24	43.50	63.12	74	-10.88	PK
H	4739.057	43.56	7.10	37.24	43.50	44.40	54	-9.60	AV
H	10480.143	50.30	8.46	38.57	44.50	52.83	68.2	-15.37	PK
H	10480.143	41.78	8.46	38.57	44.50	44.31	54	-9.69	AV
H	15720.063	52.52	10.12	38.38	44.10	56.92	74	-17.08	PK
H	15720.063	40.94	10.12	38.38	44.10	45.34	54	-8.66	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

Test Mode:	TX(5.1G) - 802.11n-HT40

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Cable loss (dB)	Antenna Factor dB/m	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel (5190 MHz)-Above 1G									
V	4434.136	62.58	5.94	35.40	44.00	59.92	68.2	-8.28	PK
V	4434.136	43.22	5.94	35.40	44.00	40.56	54	-13.44	AV
V	10380.176	62.50	8.46	39.75	44.50	66.21	68.2	-1.99	PK
V	10380.176	43.93	8.46	39.75	44.50	47.64	54	-6.36	AV
V	15570.162	62.93	10.12	38.80	44.10	67.75	74	-6.25	PK
V	15570.162	43.90	10.12	38.80	42.70	50.12	54	-3.88	AV
H	4434.134	64.35	5.94	35.18	44.00	61.47	74	-12.53	PK
H	4434.134	43.63	5.94	35.18	44.00	40.75	54	-13.25	AV
H	10380.011	51.47	8.46	38.71	44.50	54.14	68.2	-14.06	PK
H	10380.011	44.95	8.46	38.71	44.50	47.62	54	-6.38	AV
H	15570.088	54.76	10.12	38.38	44.10	59.16	74	-14.84	PK
H	15570.088	44.73	10.12	38.38	44.10	49.13	54	-4.87	AV
middle Channel (5230 MHz)-Above 1G									
V	4739.109	64.83	6.48	36.35	44.05	63.61	68.2	-4.59	PK
V	4739.109	43.16	6.48	36.35	44.05	41.94	54	-12.06	AV
V	10460.178	63.76	8.47	37.88	44.51	65.60	68.2	-2.60	PK
V	10460.178	43.57	8.47	37.88	44.51	45.41	54	-8.59	AV
V	15690.035	60.01	10.12	38.80	44.10	64.83	74	-9.17	PK
V	15690.035	43.60	10.12	38.80	42.70	49.82	54	-4.18	AV
H	4739.172	63.02	6.48	36.37	44.05	61.82	68.2	-6.38	PK
H	4739.172	43.59	6.48	36.37	44.05	42.39	54	-11.61	AV
H	10460.027	50.50	8.47	38.64	44.50	53.11	68.2	-15.09	PK
H	10460.027	40.47	8.47	38.64	44.50	43.08	54	-10.92	AV
H	15690.195	54.95	10.12	38.38	44.10	59.35	74	-14.65	PK
H	15690.195	44.00	10.12	38.38	44.10	48.40	54	-5.60	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

Test Mode:	TX(5.1G) - 802.11ac-HT20

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Cable loss (dB)	Antenna Factor dB/m	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel (5180 MHz)-Above 1G									
V	4434.058	63.10	5.94	35.40	44.00	60.44	68.2	-7.76	PK
V	4434.058	43.33	5.94	35.40	44.00	40.67	54	-13.33	AV
V	10360.080	62.40	8.46	39.75	44.50	66.11	68.2	-2.09	PK
V	10360.080	43.21	8.46	39.75	44.50	46.92	54	-7.08	AV
V	15540.109	63.13	10.12	38.80	44.10	67.95	74	-6.05	PK
V	15540.109	43.21	10.12	38.80	42.70	49.43	54	-4.57	AV
H	4434.146	64.58	5.94	35.18	44.00	61.70	68.2	-6.50	PK
H	4434.146	43.74	5.94	35.18	44.00	40.86	54	-13.14	AV
H	10360.137	51.30	8.46	38.71	44.50	53.97	68.2	-14.23	PK
H	10360.137	41.66	8.46	38.71	44.50	44.33	54	-9.67	AV
H	15540.187	53.42	10.12	38.38	44.10	57.82	74	-16.18	PK
H	15540.187	40.55	10.12	38.38	44.10	44.95	54	-9.05	AV
middle Channel (5200 MHz)-Above 1G									
V	4592.071	63.63	6.48	36.35	44.05	62.41	74	-11.59	PK
V	4592.071	43.12	6.48	36.35	44.05	41.90	54	-12.10	AV
V	10400.180	64.28	8.47	37.88	44.51	66.12	68.2	-2.08	PK
V	10400.180	43.51	8.47	37.88	44.51	45.35	54	-8.65	AV
V	15600.076	62.39	10.12	38.80	44.10	67.21	74	-6.79	PK
V	15600.076	43.83	10.12	38.80	42.70	50.05	54	-3.95	AV
H	4592.141	60.14	6.48	36.37	44.05	58.94	74	-15.06	PK
H	4592.141	43.52	6.48	36.37	44.05	42.32	54	-11.68	AV
H	10400.139	54.69	8.47	38.64	44.50	57.30	68.2	-10.90	PK
H	10400.139	40.79	8.47	38.64	44.50	43.40	54	-10.60	AV
H	15600.027	54.19	10.12	38.38	44.10	58.59	74	-15.41	PK
H	15600.027	41.41	10.12	38.38	44.10	45.81	54	-8.19	AV
High Channel (5240 MHz)-Above 1G									
V	4739.004	62.08	7.10	37.24	43.50	62.92	74	-11.08	PK
V	4739.004	43.32	7.10	37.24	43.50	44.16	54	-9.84	AV
V	10480.094	63.96	8.46	37.68	44.50	65.60	68.2	-2.60	PK
V	10480.094	43.32	8.46	37.68	44.50	44.96	54	-9.04	AV
V	15720.109	61.43	10.12	38.80	44.10	66.25	74	-7.75	PK
V	15720.109	43.80	10.12	38.80	42.70	50.02	54	-3.98	AV
H	4739.113	62.31	7.10	37.24	43.50	63.15	74	-10.85	PK
H	4739.113	43.66	7.10	37.24	43.50	44.50	54	-9.50	AV
H	10480.183	52.30	8.46	38.57	44.50	54.83	68.2	-13.37	PK
H	10480.183	40.09	8.46	38.57	44.50	42.62	54	-11.38	AV
H	15720.067	54.44	10.12	38.38	44.10	58.84	74	-15.16	PK
H	15720.067	43.80	10.12	38.38	44.10	48.20	54	-5.80	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

Test Mode:	TX(5.1G) - 802.11ac-HT40

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Cable loss (dB)	Antenna Factor dB/m	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel (5190 MHz)-Above 1G									
V	4434.039	61.76	5.94	35.40	44.00	59.10	68.2	-9.10	PK
V	4434.039	43.28	5.94	35.40	44.00	40.62	54	-13.38	AV
V	10380.030	60.09	8.46	39.75	44.50	63.80	68.2	-4.40	PK
V	10380.030	43.03	8.46	39.75	44.50	46.74	54	-7.26	AV
V	15570.061	61.48	10.12	38.80	44.10	66.30	74	-7.70	PK
V	15570.061	43.72	10.12	38.80	42.70	49.94	54	-4.06	AV
H	4434.186	63.81	5.94	35.18	44.00	60.93	74	-13.07	PK
H	4434.186	43.23	5.94	35.18	44.00	40.35	54	-13.65	AV
H	10380.150	51.03	8.46	38.71	44.50	53.70	68.2	-14.50	PK
H	10380.150	40.92	8.46	38.71	44.50	43.59	54	-10.41	AV
H	15570.176	52.57	10.12	38.38	44.10	56.97	74	-17.03	PK
H	15570.176	43.48	10.12	38.38	44.10	47.88	54	-6.12	AV
middle Channel (5230 MHz)-Above 1G									
V	4739.153	62.06	6.48	36.35	44.05	60.84	68.2	-7.36	PK
V	4739.153	43.92	6.48	36.35	44.05	42.70	54	-11.30	AV
V	10460.149	62.18	8.47	37.88	44.51	64.02	68.2	-4.18	PK
V	10460.149	43.72	8.47	37.88	44.51	45.56	54	-8.44	AV
V	15690.084	64.08	10.12	38.80	44.10	68.90	74	-5.10	PK
V	15690.084	43.67	10.12	38.80	42.70	49.89	54	-4.11	AV
H	4739.167	60.87	6.48	36.37	44.05	59.67	68.2	-8.53	PK
H	4739.167	43.85	6.48	36.37	44.05	42.65	54	-11.35	AV
H	10460.099	52.51	8.47	38.64	44.50	55.12	68.2	-13.08	PK
H	10460.099	40.54	8.47	38.64	44.50	43.15	54	-10.85	AV
H	15690.100	52.30	10.12	38.38	44.10	56.70	74	-17.30	PK
H	15690.100	43.38	10.12	38.38	44.10	47.78	54	-6.22	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

Test Mode:	TX(5.1G) - 802.11ac 80

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Cable loss (dB)	Antenna Factor dB/m	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel (5210 MHz)-Above 1G									
V	4434.175	64.59	5.94	35.40	44.00	61.93	68.2	-6.27	PK
V	4434.175	43.13	5.94	35.40	44.00	40.47	54	-13.53	AV
V	10420.109	60.15	8.46	39.75	44.50	63.86	68.2	-4.34	PK
V	10420.109	43.32	8.46	39.75	44.50	47.03	54	-6.97	AV
V	15630.168	64.33	10.12	38.80	44.10	69.15	74	-4.85	PK
V	15630.168	43.42	10.12	38.80	42.70	49.64	54	-4.36	AV
H	4434.127	60.79	5.94	35.18	44.00	57.91	68.2	-10.29	PK
H	4434.127	43.38	5.94	35.18	44.00	40.50	54	-13.50	AV
H	10420.120	51.00	8.46	38.71	44.50	53.67	68.2	-14.53	PK
H	10420.120	44.27	8.46	38.71	44.50	46.94	54	-7.06	AV
H	15630.139	53.86	10.12	38.38	44.10	58.26	74	-15.74	PK
H	15630.139	44.32	10.12	38.38	44.10	48.72	54	-5.28	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

Test Mode:	TX(5.1G) - 802.11ax-HT20

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Cable loss (dB)	Antenna Factor dB/m	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel (5180 MHz)-Above 1G									
V	4434.051	63.82	5.94	35.40	44.00	61.16	68.2	-7.04	PK
V	4434.051	43.93	5.94	35.40	44.00	41.27	54	-12.73	AV
V	10360.018	63.40	8.46	39.75	44.50	67.11	68.2	-1.09	PK
V	10360.018	43.77	8.46	39.75	44.50	47.48	54	-6.52	AV
V	15540.049	62.50	10.12	38.80	44.10	67.32	74	-6.68	PK
V	15540.049	43.36	10.12	38.80	42.70	49.58	54	-4.42	AV
H	4434.043	64.18	5.94	35.18	44.00	61.30	68.2	-6.90	PK
H	4434.043	43.53	5.94	35.18	44.00	40.65	54	-13.35	AV
H	10360.033	52.10	8.46	38.71	44.50	54.77	68.2	-13.43	PK
H	10360.033	41.60	8.46	38.71	44.50	44.27	54	-9.73	AV
H	15540.004	50.67	10.12	38.38	44.10	55.07	74	-18.93	PK
H	15540.004	42.86	10.12	38.38	44.10	47.26	54	-6.74	AV
middle Channel (5200 MHz)-Above 1G									
V	4592.033	63.84	6.48	36.35	44.05	62.62	74	-11.38	PK
V	4592.033	43.09	6.48	36.35	44.05	41.87	54	-12.13	AV
V	10400.192	64.27	8.47	37.88	44.51	66.11	68.2	-2.09	PK
V	10400.192	43.62	8.47	37.88	44.51	45.46	54	-8.54	AV
V	15600.081	64.73	10.12	38.80	44.10	69.55	74	-4.45	PK
V	15600.081	43.53	10.12	38.80	42.70	49.75	54	-4.25	AV
H	4592.106	64.44	6.48	36.37	44.05	63.24	74	-10.76	PK
H	4592.106	43.58	6.48	36.37	44.05	42.38	54	-11.62	AV
H	10400.185	53.03	8.47	38.64	44.50	55.64	68.2	-12.56	PK
H	10400.185	44.81	8.47	38.64	44.50	47.42	54	-6.58	AV
H	15600.150	52.39	10.12	38.38	44.10	56.79	74	-17.21	PK
H	15600.150	43.84	10.12	38.38	44.10	48.24	54	-5.76	AV
High Channel (5240 MHz)-Above 1G									
V	4739.011	61.09	7.10	37.24	43.50	61.93	74	-12.07	PK
V	4739.011	43.11	7.10	37.24	43.50	43.95	54	-10.05	AV
V	10480.198	64.88	8.46	37.68	44.50	66.52	68.2	-1.68	PK
V	10480.198	43.06	8.46	37.68	44.50	44.70	54	-9.30	AV
V	15720.090	60.02	10.12	38.80	44.10	64.84	74	-9.16	PK
V	15720.090	43.58	10.12	38.80	42.70	49.80	54	-4.20	AV
H	4739.004	64.74	7.10	37.24	43.50	65.58	74	-8.42	PK
H	4739.004	43.13	7.10	37.24	43.50	43.97	54	-10.03	AV
H	10480.011	53.14	8.46	38.57	44.50	55.67	68.2	-12.53	PK
H	10480.011	42.87	8.46	38.57	44.50	45.40	54	-8.60	AV
H	15720.180	53.93	10.12	38.38	44.10	58.33	74	-15.67	PK
H	15720.180	41.32	10.12	38.38	44.10	45.72	54	-8.28	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

Test Mode:	TX(5.1G) - 802.11ax-HT40

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Cable loss (dB)	Antenna Factor dB/m	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel (5190 MHz)-Above 1G									
V	4434.059	62.48	5.94	35.40	44.00	59.82	68.2	-8.38	PK
V	4434.059	43.27	5.94	35.40	44.00	40.61	54	-13.39	AV
V	10380.160	62.00	8.46	39.75	44.50	65.71	68.2	-2.49	PK
V	10380.160	43.54	8.46	39.75	44.50	47.25	54	-6.75	AV
V	15570.054	61.52	10.12	38.80	44.10	66.34	74	-7.66	PK
V	15570.054	43.54	10.12	38.80	42.70	49.76	54	-4.24	AV
H	4434.172	61.04	5.94	35.18	44.00	58.16	74	-15.84	PK
H	4434.172	43.56	5.94	35.18	44.00	40.68	54	-13.32	AV
H	10380.031	51.16	8.46	38.71	44.50	53.83	68.2	-14.37	PK
H	10380.031	43.84	8.46	38.71	44.50	46.51	54	-7.49	AV
H	15570.032	52.66	10.12	38.38	44.10	57.06	74	-16.94	PK
H	15570.032	42.39	10.12	38.38	44.10	46.79	54	-7.21	AV
middle Channel (5230 MHz)-Above 1G									
V	4739.113	63.16	6.48	36.35	44.05	61.94	68.2	-6.26	PK
V	4739.113	43.05	6.48	36.35	44.05	41.83	54	-12.17	AV
V	10460.108	64.92	8.47	37.88	44.51	66.76	68.2	-1.44	PK
V	10460.108	43.73	8.47	37.88	44.51	45.57	54	-8.43	AV
V	15690.186	62.49	10.12	38.80	44.10	67.31	74	-6.69	PK
V	15690.186	43.91	10.12	38.80	42.70	50.13	54	-3.87	AV
H	4739.104	62.88	6.48	36.37	44.05	61.68	68.2	-6.52	PK
H	4739.104	43.11	6.48	36.37	44.05	41.91	54	-12.09	AV
H	10460.159	54.00	8.47	38.64	44.50	56.61	68.2	-11.59	PK
H	10460.159	44.49	8.47	38.64	44.50	47.10	54	-6.90	AV
H	15690.192	50.23	10.12	38.38	44.10	54.63	74	-19.37	PK
H	15690.192	40.21	10.12	38.38	44.10	44.61	54	-9.39	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

Test Mode:	TX(5.1G) - 802.11ax 80

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Cable loss (dB)	Antenna Factor dB/m	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel (5210 MHz)-Above 1G									
V	4434.137	62.31	5.94	35.40	44.00	59.65	68.2	-8.55	PK
V	4434.137	43.04	5.94	35.40	44.00	40.38	54	-13.62	AV
V	10420.089	63.42	8.46	39.75	44.50	67.13	68.2	-1.07	PK
V	10420.089	43.86	8.46	39.75	44.50	47.57	54	-6.43	AV
V	15630.106	62.03	10.12	38.80	44.10	66.85	74	-7.15	PK
V	15630.106	43.04	10.12	38.80	42.70	49.26	54	-4.74	AV
H	4434.016	64.30	5.94	35.18	44.00	61.42	68.2	-6.78	PK
H	4434.016	43.68	5.94	35.18	44.00	40.80	54	-13.20	AV
H	10420.052	54.52	8.46	38.71	44.50	57.19	68.2	-11.01	PK
H	10420.052	43.37	8.46	38.71	44.50	46.04	54	-7.96	AV
H	15630.194	52.82	10.12	38.38	44.10	57.22	74	-16.78	PK
H	15630.194	43.12	10.12	38.38	44.10	47.52	54	-6.48	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

Test Mode:	TX (5.8G) -- 802.11a

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Cable loss (dB)	Antenna Factor dB/m	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel (5745 MHz)-Above 1G									
V	4679.072	58.06	5.94	35.40	44.00	55.40	74	-18.60	PK
V	4679.072	43.60	5.94	35.40	44.00	40.94	54	-13.06	AV
V	11490.016	57.51	8.46	39.75	44.50	61.22	68.2	-6.98	PK
V	11490.016	43.91	8.46	39.75	44.50	47.62	54	-6.38	AV
V	17235.070	58.38	10.12	38.80	44.10	63.20	68.2	-5.00	PK
V	17235.070	43.55	10.12	38.80	42.70	49.77	54	-4.23	AV
H	4679.161	56.66	5.94	35.18	44.00	53.78	74	-20.22	PK
H	4679.161	43.28	5.94	35.18	44.00	40.40	54	-13.60	AV
H	11490.127	54.30	8.46	38.71	44.50	56.97	68.2	-11.23	PK
H	11490.127	40.93	8.46	38.71	44.50	43.60	54	-10.40	AV
H	17235.024	52.17	10.12	38.38	44.10	56.57	68.2	-11.63	PK
H	17235.024	41.92	10.12	38.38	44.10	46.32	54	-7.68	AV
middle Channel (5785 MHz)-Above 1G									
V	4592.185	56.57	6.48	36.35	44.05	55.35	74	-18.65	PK
V	4592.185	43.96	6.48	36.35	44.05	42.74	54	-11.26	AV
V	11570.092	56.36	8.47	37.88	44.51	58.20	68.2	-10.00	PK
V	11570.092	43.81	8.47	37.88	44.51	45.65	54	-8.35	AV
V	17355.024	56.76	10.12	38.80	44.10	61.58	68.2	-6.62	PK
V	17355.024	39.21	10.12	38.80	42.70	45.43	54	-8.57	AV
H	4592.095	55.94	6.48	36.37	44.05	54.74	74	-19.26	PK
H	4592.095	43.95	6.48	36.37	44.05	42.75	54	-11.25	AV
H	11570.062	51.78	8.47	38.64	44.50	54.39	68.2	-13.81	PK
H	11570.062	40.64	8.47	38.64	44.50	43.25	54	-10.75	AV
H	17355.096	54.40	10.12	38.38	44.10	58.80	68.2	-9.40	PK
H	17355.096	40.08	10.12	38.38	44.10	44.48	54	-9.52	AV
High Channel (5825 MHz)-Above 1G									
V	6039.058	57.95	7.10	37.24	43.50	58.79	68.2	-9.41	PK
V	6039.058	43.82	7.10	37.24	43.50	44.66	54	-9.34	AV
V	11650.088	58.98	8.46	37.68	44.50	60.62	74	-13.38	PK
V	11650.088	43.75	8.46	37.68	44.50	45.39	54	-8.61	AV
V	17475.185	53.97	10.12	38.80	44.10	58.79	68.2	-9.41	PK
V	17475.185	43.63	10.12	38.80	42.70	49.85	54	-4.15	AV
H	6039.126	57.88	7.10	37.24	43.50	58.72	68.2	-9.48	PK
H	6039.126	43.26	7.10	37.24	43.50	44.10	54	-9.90	AV
H	11650.064	54.54	8.46	38.57	44.50	57.07	74	-16.93	PK
H	11650.064	40.63	8.46	38.57	44.50	43.16	54	-10.84	AV
H	17475.195	53.72	10.12	38.38	44.10	58.12	68.2	-10.08	PK
H	17475.195	43.29	10.12	38.38	44.10	47.69	54	-6.31	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
The Worst mode is Antenna A.

Test Mode:	TX (5.8G) --802.11n-HT20

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Cable loss (dB)	Antenna Factor dB/m	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel (5745 MHz)-Above 1G									
V	4679.043	58.22	5.94	35.40	44.00	55.56	74	-18.44	PK
V	4679.043	43.44	5.94	35.40	44.00	40.78	54	-13.22	AV
V	11490.001	54.65	8.46	39.75	44.50	58.36	68.2	-9.84	PK
V	11490.001	43.07	8.46	39.75	44.50	46.78	54	-7.22	AV
V	17235.179	60.17	10.12	38.80	44.10	64.99	68.2	-3.21	PK
V	17235.179	43.21	10.12	38.80	42.70	49.43	54	-4.57	AV
H	4679.028	60.75	5.94	35.18	44.00	57.87	74	-16.13	PK
H	4679.028	43.62	5.94	35.18	44.00	40.74	54	-13.26	AV
H	11490.032	51.91	8.46	38.71	44.50	54.58	68.2	-13.62	PK
H	11490.032	41.96	8.46	38.71	44.50	44.63	54	-9.37	AV
H	17235.128	54.49	10.12	38.38	44.10	58.89	68.2	-9.31	PK
H	17235.128	40.45	10.12	38.38	44.10	44.85	54	-9.15	AV
middle Channel (5785 MHz)-Above 1G									
V	4592.137	62.24	6.48	36.35	44.05	61.02	74	-12.98	PK
V	4592.137	43.76	6.48	36.35	44.05	42.54	54	-11.46	AV
V	11570.150	58.02	8.47	37.88	44.51	59.86	68.2	-8.34	PK
V	11570.150	43.15	8.47	37.88	44.51	44.99	54	-9.01	AV
V	17355.072	59.36	10.12	38.80	44.10	64.18	68.2	-4.02	PK
V	17355.072	43.70	10.12	38.80	42.70	49.92	54	-4.08	AV
H	4592.126	56.03	6.48	36.37	44.05	54.83	74	-19.17	PK
H	4592.126	43.12	6.48	36.37	44.05	41.92	54	-12.08	AV
H	11570.125	52.99	8.47	38.64	44.50	55.60	68.2	-12.60	PK
H	11570.125	42.08	8.47	38.64	44.50	44.69	54	-9.31	AV
H	17355.047	54.41	10.12	38.38	44.10	58.81	68.2	-9.39	PK
H	17355.047	40.07	10.12	38.38	44.10	44.47	54	-9.53	AV
High Channel (5825 MHz)-Above 1G									
V	6039.148	56.12	7.10	37.24	43.50	56.96	68.2	-11.24	PK
V	6039.148	43.24	7.10	37.24	43.50	44.08	54	-9.92	AV
V	11650.139	57.06	8.46	37.68	44.50	58.70	74	-15.30	PK
V	11650.139	43.10	8.46	37.68	44.50	44.74	54	-9.26	AV
V	17475.006	55.17	10.12	38.80	44.10	59.99	68.2	-8.21	PK
V	17475.006	43.59	10.12	38.80	42.70	49.81	54	-4.19	AV
H	6039.157	56.43	7.10	37.24	43.50	57.27	68.2	-10.93	PK
H	6039.157	43.80	7.10	37.24	43.50	44.64	54	-9.36	AV
H	11650.169	54.03	8.46	38.57	44.50	56.56	74	-17.44	PK
H	11650.169	41.59	8.46	38.57	44.50	44.12	54	-9.88	AV
H	17475.038	53.14	10.12	38.38	44.10	57.54	68.2	-10.66	PK
H	17475.038	43.20	10.12	38.38	44.10	47.60	54	-6.40	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

Test Mode:	TX (5.8G) -- 802.11n-HT40

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Cable loss (dB)	Antenna Factor dB/m	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel (5755 MHz)-Above 1G									
V	4679.098	57.61	5.94	35.40	44.00	54.95	74	-19.05	PK
V	4679.098	43.36	5.94	35.40	44.00	40.70	54	-13.30	AV
V	11510.105	56.88	8.46	39.75	44.50	60.59	74	-13.41	PK
V	11510.105	43.76	8.46	39.75	44.50	47.47	54	-6.53	AV
V	17265.032	56.74	10.12	38.80	44.10	61.56	68.2	-6.64	PK
V	17265.032	43.99	10.12	38.80	42.70	50.21	54	-3.79	AV
H	4679.174	58.25	5.94	35.18	44.00	55.37	74	-18.63	PK
H	4679.174	43.77	5.94	35.18	44.00	40.89	54	-13.11	AV
H	11510.135	50.58	8.46	38.71	44.50	53.25	74	-20.75	PK
H	11510.135	43.40	8.46	38.71	44.50	46.07	54	-7.93	AV
H	17265.079	54.44	10.12	38.38	44.10	58.84	68.2	-9.36	PK
H	17265.079	44.66	10.12	38.38	44.10	49.06	54	-4.94	AV
middle Channel (5795 MHz)-Above 1G									
V	6039.031	59.02	6.48	36.35	44.05	57.80	68.2	-10.40	PK
V	6039.031	44.00	6.48	36.35	44.05	42.78	54	-11.22	AV
V	11590.073	58.75	8.47	37.88	44.51	60.59	74	-13.41	PK
V	11590.073	43.55	8.47	37.88	44.51	45.39	54	-8.61	AV
V	17385.135	55.36	10.12	38.80	44.10	60.18	68.2	-8.02	PK
V	17385.135	41.03	10.12	38.80	42.70	47.25	54	-6.75	AV
H	6039.189	59.69	6.48	36.37	44.05	58.49	68.2	-9.71	PK
H	6039.189	43.77	6.48	36.37	44.05	42.57	54	-11.43	AV
H	11590.032	52.71	8.47	38.64	44.50	55.32	74	-18.68	PK
H	11590.032	41.21	8.47	38.64	44.50	43.82	54	-10.18	AV
H	17385.195	52.34	10.12	38.38	44.10	56.74	68.2	-11.46	PK
H	17385.195	42.80	10.12	38.38	44.10	47.20	54	-6.80	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

Test Mode:	TX (5.8G) --802.11ac-HT20

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Cable loss (dB)	Antenna Factor dB/m	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel (5745 MHz)-Above 1G									
V	4679.140	57.81	5.94	35.40	44.00	55.15	74	-18.85	PK
V	4679.140	43.41	5.94	35.40	44.00	40.75	54	-13.25	AV
V	11490.088	56.96	8.46	39.75	44.50	60.67	68.2	-7.53	PK
V	11490.088	43.15	8.46	39.75	44.50	46.86	54	-7.14	AV
V	17235.058	58.92	10.12	38.80	44.10	63.74	68.2	-4.46	PK
V	17235.058	43.31	10.12	38.80	42.70	49.53	54	-4.47	AV
H	4679.081	59.94	5.94	35.18	44.00	57.06	74	-16.94	PK
H	4679.081	43.49	5.94	35.18	44.00	40.61	54	-13.39	AV
H	11490.056	51.41	8.46	38.71	44.50	54.08	68.2	-14.12	PK
H	11490.056	41.33	8.46	38.71	44.50	44.00	54	-10.00	AV
H	17235.164	53.39	10.12	38.38	44.10	57.79	68.2	-10.41	PK
H	17235.164	40.09	10.12	38.38	44.10	44.49	54	-9.51	AV
middle Channel (5785 MHz)-Above 1G									
V	4592.004	61.65	6.48	36.35	44.05	60.43	74	-13.57	PK
V	4592.004	43.41	6.48	36.35	44.05	42.19	54	-11.81	AV
V	11570.125	57.41	8.47	37.88	44.51	59.25	68.2	-8.95	PK
V	11570.125	43.55	8.47	37.88	44.51	45.39	54	-8.61	AV
V	17355.158	59.46	10.12	38.80	44.10	64.28	68.2	-3.92	PK
V	17355.158	43.27	10.12	38.80	42.70	49.49	54	-4.51	AV
H	4592.018	60.57	6.48	36.37	44.05	59.37	74	-14.63	PK
H	4592.018	43.57	6.48	36.37	44.05	42.37	54	-11.63	AV
H	11570.189	52.77	8.47	38.64	44.50	55.38	68.2	-12.82	PK
H	11570.189	43.93	8.47	38.64	44.50	46.54	54	-7.46	AV
H	17355.151	53.83	10.12	38.38	44.10	58.23	68.2	-9.97	PK
H	17355.151	41.09	10.12	38.38	44.10	45.49	54	-8.51	AV
High Channel (5825 MHz)-Above 1G									
V	6039.159	58.66	7.10	37.24	43.50	59.50	68.2	-8.70	PK
V	6039.159	43.95	7.10	37.24	43.50	44.79	54	-9.21	AV
V	11650.166	58.28	8.46	37.68	44.50	59.92	74	-14.08	PK
V	11650.166	43.50	8.46	37.68	44.50	45.14	54	-8.86	AV
V	17475.054	59.42	10.12	38.80	44.10	64.24	68.2	-3.96	PK
V	17475.054	43.83	10.12	38.80	42.70	50.05	54	-3.95	AV
H	6039.073	55.45	7.10	37.24	43.50	56.29	68.2	-11.91	PK
H	6039.073	43.24	7.10	37.24	43.50	44.08	54	-9.92	AV
H	11650.189	51.00	8.46	38.57	44.50	53.53	74	-20.47	PK
H	11650.189	42.28	8.46	38.57	44.50	44.81	54	-9.19	AV
H	17475.093	50.40	10.12	38.38	44.10	54.80	68.2	-13.40	PK
H	17475.093	42.56	10.12	38.38	44.10	46.96	54	-7.04	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

Test Mode :	TX (5.8G) -- 802.11ac-HT40

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Cable loss (dB)	Antenna Factor dB/m	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel (5755 MHz)-Above 1G									
V	4679.127	56.90	5.94	35.40	44.00	54.24	74	-19.76	PK
V	4679.127	43.02	5.94	35.40	44.00	40.36	54	-13.64	AV
V	11510.087	56.91	8.46	39.75	44.50	60.62	74	-13.38	PK
V	11510.087	43.42	8.46	39.75	44.50	47.13	54	-6.87	AV
V	17265.143	59.76	10.12	38.80	44.10	64.58	68.2	-3.62	PK
V	17265.143	43.26	10.12	38.80	42.70	49.48	54	-4.52	AV
H	4679.063	58.17	5.94	35.18	44.00	55.29	74	-18.71	PK
H	4679.063	43.18	5.94	35.18	44.00	40.30	54	-13.70	AV
H	11510.048	52.33	8.46	38.71	44.50	55.00	74	-19.00	PK
H	11510.048	40.54	8.46	38.71	44.50	43.21	54	-10.79	AV
H	17265.109	52.88	10.12	38.38	44.10	57.28	68.2	-10.92	PK
H	17265.109	42.10	10.12	38.38	44.10	46.50	54	-7.50	AV
middle Channel (5795 MHz)-Above 1G									
V	6039.175	60.55	6.48	36.35	44.05	59.33	68.2	-8.87	PK
V	6039.175	43.03	6.48	36.35	44.05	41.81	54	-12.19	AV
V	11590.133	55.76	8.47	37.88	44.51	57.60	74	-16.40	PK
V	11590.133	43.59	8.47	37.88	44.51	45.43	54	-8.57	AV
V	17385.157	55.75	10.12	38.80	44.10	60.57	68.2	-7.63	PK
V	17385.157	41.87	10.12	38.80	42.70	48.09	54	-5.91	AV
H	6039.074	60.23	6.48	36.37	44.05	59.03	68.2	-9.17	PK
H	6039.074	43.95	6.48	36.37	44.05	42.75	54	-11.25	AV
H	11590.144	54.01	8.47	38.64	44.50	56.62	74	-17.38	PK
H	11590.144	43.11	8.47	38.64	44.50	45.72	54	-8.28	AV
H	17385.137	52.35	10.12	38.38	44.10	56.75	68.2	-11.45	PK
H	17385.137	44.14	10.12	38.38	44.10	48.54	54	-5.46	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

Test Mode :	TX (5.8G) -- 802.11ac 80

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Cable loss (dB)	Antenna Factor dB/m	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel (5775 MHz)-Above 1G									
V	4679.071	57.41	5.94	35.40	44.00	54.75	74	-19.25	PK
V	4679.071	43.49	5.94	35.40	44.00	40.83	54	-13.17	AV
V	11550.174	57.61	8.46	39.75	44.50	61.32	74	-12.68	PK
V	11550.174	43.11	8.46	39.75	44.50	46.82	54	-7.18	AV
V	17325.175	60.06	10.12	38.80	44.10	64.88	68.2	-3.32	PK
V	17325.175	41.43	10.12	38.80	42.70	47.65	54	-6.35	AV
H	4679.148	58.56	5.94	35.18	44.00	55.68	74	-18.32	PK
H	4679.148	43.71	5.94	35.18	44.00	40.83	54	-13.17	AV
H	11550.193	53.29	8.46	38.71	44.50	55.96	74	-18.04	PK
H	11550.193	40.88	8.46	38.71	44.50	43.55	54	-10.45	AV
H	17325.075	51.53	10.12	38.38	44.10	55.93	68.2	-12.27	PK
H	17325.075	40.14	10.12	38.38	44.10	44.54	54	-9.46	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

Test Mode:	TX (5.8G) --802.11ax-HT20

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Cable loss (dB)	Antenna Factor dB/m	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel (5745 MHz)-Above 1G									
V	4679.015	57.47	5.94	35.40	44.00	54.81	74	-19.19	PK
V	4679.015	43.13	5.94	35.40	44.00	40.47	54	-13.53	AV
V	11490.048	53.56	8.46	39.75	44.50	57.27	68.2	-10.93	PK
V	11490.048	43.19	8.46	39.75	44.50	46.90	54	-7.10	AV
V	17235.122	57.72	10.12	38.80	44.10	62.54	68.2	-5.66	PK
V	17235.122	43.46	10.12	38.80	42.70	49.68	54	-4.32	AV
H	4679.159	57.10	5.94	35.18	44.00	54.22	74	-19.78	PK
H	4679.159	43.20	5.94	35.18	44.00	40.32	54	-13.68	AV
H	11490.107	51.41	8.46	38.71	44.50	54.08	68.2	-14.12	PK
H	11490.107	41.34	8.46	38.71	44.50	44.01	54	-9.99	AV
H	17235.190	52.96	10.12	38.38	44.10	57.36	68.2	-10.84	PK
H	17235.190	42.67	10.12	38.38	44.10	47.07	54	-6.93	AV
middle Channel (5785 MHz)-Above 1G									
V	4592.080	61.07	6.48	36.35	44.05	59.85	74	-14.15	PK
V	4592.080	43.89	6.48	36.35	44.05	42.67	54	-11.33	AV
V	11570.024	54.33	8.47	37.88	44.51	56.17	68.2	-12.03	PK
V	11570.024	43.33	8.47	37.88	44.51	45.17	54	-8.83	AV
V	17355.032	57.14	10.12	38.80	44.10	61.96	68.2	-6.24	PK
V	17355.032	43.12	10.12	38.80	42.70	49.34	54	-4.66	AV
H	4592.150	56.71	6.48	36.37	44.05	55.51	74	-18.49	PK
H	4592.150	43.95	6.48	36.37	44.05	42.75	54	-11.25	AV
H	11570.083	54.61	8.47	38.64	44.50	57.22	68.2	-10.98	PK
H	11570.083	40.58	8.47	38.64	44.50	43.19	54	-10.81	AV
H	17355.040	54.16	10.12	38.38	44.10	58.56	68.2	-9.64	PK
H	17355.040	42.00	10.12	38.38	44.10	46.40	54	-7.60	AV
High Channel (5825 MHz)-Above 1G									
V	6039.125	59.40	7.10	37.24	43.50	60.24	68.2	-7.96	PK
V	6039.125	43.23	7.10	37.24	43.50	44.07	54	-9.93	AV
V	11650.148	57.85	8.46	37.68	44.50	59.49	74	-14.51	PK
V	11650.148	43.76	8.46	37.68	44.50	45.40	54	-8.60	AV
V	17475.059	56.09	10.12	38.80	44.10	60.91	68.2	-7.29	PK
V	17475.059	43.02	10.12	38.80	42.70	49.24	54	-4.76	AV
H	6039.042	59.94	7.10	37.24	43.50	60.78	68.2	-7.42	PK
H	6039.042	43.48	7.10	37.24	43.50	44.32	54	-9.68	AV
H	11650.189	53.24	8.46	38.57	44.50	55.77	74	-18.23	PK
H	11650.189	41.88	8.46	38.57	44.50	44.41	54	-9.59	AV
H	17475.098	50.61	10.12	38.38	44.10	55.01	68.2	-13.19	PK
H	17475.098	42.72	10.12	38.38	44.10	47.12	54	-6.88	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

Test Mode :	TX (5.8G) -- 802.11ax-HT40

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Cable loss (dB)	Antenna Factor dB/m	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel (5755 MHz)-Above 1G									
V	4679.105	58.99	5.94	35.40	44.00	56.33	74	-17.67	PK
V	4679.105	43.49	5.94	35.40	44.00	40.83	54	-13.17	AV
V	11510.117	55.94	8.46	39.75	44.50	59.65	74	-14.35	PK
V	11510.117	43.93	8.46	39.75	44.50	47.64	54	-6.36	AV
V	17265.142	55.90	10.12	38.80	44.10	60.72	68.2	-7.48	PK
V	17265.142	43.25	10.12	38.80	42.70	49.47	54	-4.53	AV
H	4679.043	57.56	5.94	35.18	44.00	54.68	74	-19.32	PK
H	4679.043	43.52	5.94	35.18	44.00	40.64	54	-13.36	AV
H	11510.096	51.20	8.46	38.71	44.50	53.87	74	-20.13	PK
H	11510.096	44.06	8.46	38.71	44.50	46.73	54	-7.27	AV
H	17265.134	53.77	10.12	38.38	44.10	58.17	68.2	-10.03	PK
H	17265.134	43.60	10.12	38.38	44.10	48.00	54	-6.00	AV
middle Channel (5795 MHz)-Above 1G									
V	6039.057	58.81	6.48	36.35	44.05	57.59	68.2	-10.61	PK
V	6039.057	43.60	6.48	36.35	44.05	42.38	54	-11.62	AV
V	11590.036	55.88	8.47	37.88	44.51	57.72	74	-16.28	PK
V	11590.036	43.48	8.47	37.88	44.51	45.32	54	-8.68	AV
V	17385.141	55.64	10.12	38.80	44.10	60.46	68.2	-7.74	PK
V	17385.141	41.33	10.12	38.80	42.70	47.55	54	-6.45	AV
H	6039.052	57.20	6.48	36.37	44.05	56.00	68.2	-12.20	PK
H	6039.052	43.81	6.48	36.37	44.05	42.61	54	-11.39	AV
H	11590.131	54.55	8.47	38.64	44.50	57.16	74	-16.84	PK
H	11590.131	43.51	8.47	38.64	44.50	46.12	54	-7.88	AV
H	17385.158	54.20	10.12	38.38	44.10	58.60	68.2	-9.60	PK
H	17385.158	41.79	10.12	38.38	44.10	46.19	54	-7.81	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

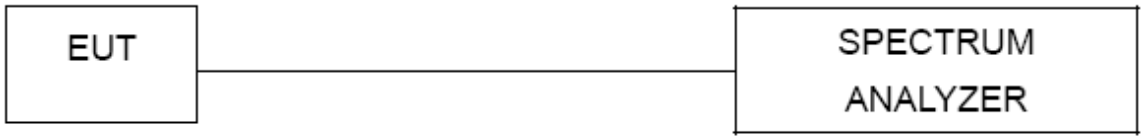
Test Mode :	TX (5.8G) -- 802.11ax 80

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Cable loss (dB)	Antenna Factor dB/m	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel (5775 MHz)-Above 1G									
V	4679.181	57.61	5.94	35.40	44.00	54.95	74	-19.05	PK
V	4679.181	43.34	5.94	35.40	44.00	40.68	54	-13.32	AV
V	11550.090	59.64	8.46	39.75	44.50	63.35	74	-10.65	PK
V	11550.090	43.76	8.46	39.75	44.50	47.47	54	-6.53	AV
V	17325.132	58.28	10.12	38.80	44.10	63.10	68.2	-5.10	PK
V	17325.132	41.13	10.12	38.80	42.70	47.35	54	-6.65	AV
H	4679.074	57.57	5.94	35.18	44.00	54.69	74	-19.31	PK
H	4679.074	43.56	5.94	35.18	44.00	40.68	54	-13.32	AV
H	11550.084	53.28	8.46	38.71	44.50	55.95	74	-18.05	PK
H	11550.084	42.42	8.46	38.71	44.50	45.09	54	-8.91	AV
H	17325.085	50.28	10.12	38.38	44.10	54.68	68.2	-13.52	PK
H	17325.085	44.90	10.12	38.38	44.10	49.30	54	-4.70	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

8. Power Spectral Density Test

8.1 Block Diagram Of Test Setup



8.2 Limit

For the band 5.15-5.25 GHz,
(i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).
(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
(iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.
(iv) For client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the band 5.725-5.85 GHz

(3)For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

8.3 Test Procedure

For devices operating in the bands 5.15-5.25 GHz, 5.25-5.35 GHz, and 5.47-5.725 GHz, the above procedures make use of 1 MHz RBW to satisfy directly the 1 MHz reference bandwidth specified in § 15.407(a)(5). For devices operating in the band 5.725-5.85 GHz, the rules specify a measurement bandwidth of 500 kHz. Many spectrum analyzers do not have 500 kHz RBW, thus a narrower RBW may need to be used. The rules permit the use of a RBWs less than 1 MHz, or 500 kHz, “provided that the measured power is integrated over the full reference bandwidth” to show the total power over the specified measurement bandwidth (i.e., 1 MHz, or 500 kHz). If measurements are performed using a reduced resolution bandwidth (< 1 MHz, or < 500 kHz) and integrated over 1 MHz, or 500 KHz bandwidth, the following adjustments to the procedures apply:

a) Set RBW ≥ 1/T, where T is defined in section II.B.I.a).

b) Set VBW ≥ 3 RBW.

c) If measurement bandwidth of Maximum PSD is specified in 500 kHz, add 10log(500kHz/RBW) to the measured result, whereas RBW (< 500 KHz) is the reduced resolution bandwidth of the spectrum analyzer set during measurement.

d) If measurement bandwidth of Maximum PSD is specified in 1 MHz, add 10log(1MHz/RBW) to the measured result, whereas RBW (< 1 MHz) is the reduced resolution bandwidth of spectrum analyzer set during measurement.

e) Care must be taken to ensure that the measurements are performed during a period of continuous transmission or are corrected upward for duty cycle.

Note: As a practical matter, it is recommended to use reduced RBW of 100 kHz for the sections 5.c) and 5.d) above, since RBW=100 KHZ is available on nearly all spectrum analyzers.

8.4 EUT Operating Conditions

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

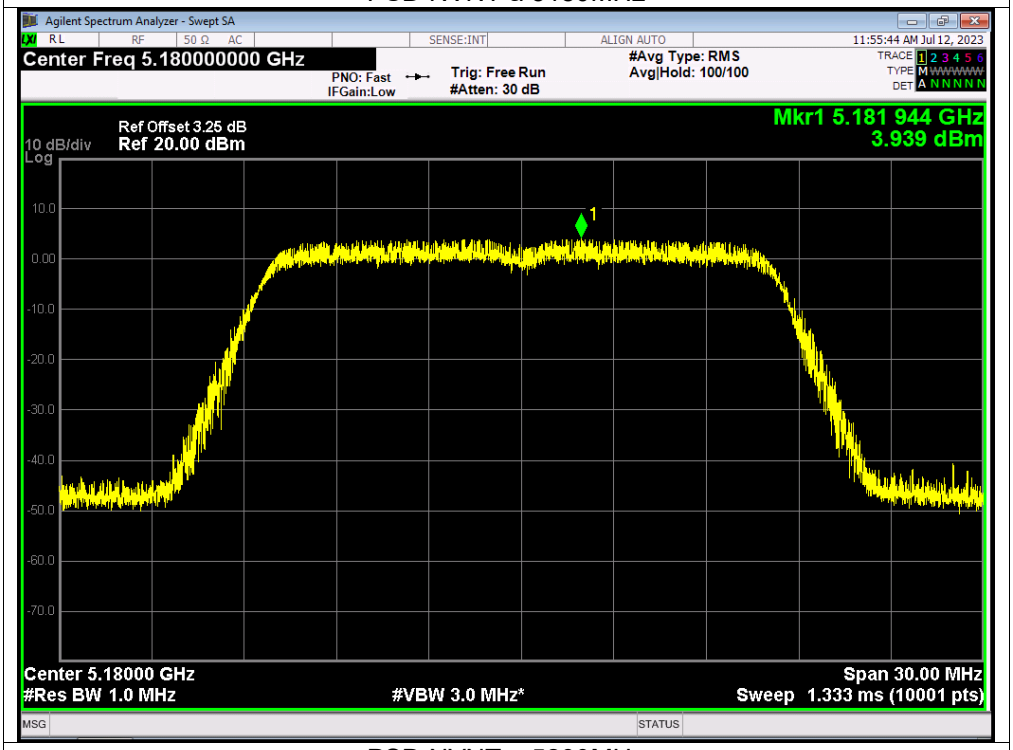
8.5 Test Result

Temperature：	26 ℃	Relative Humidity：	54%
Pressure：	101kPa	Test Voltage ：	DC 5V
Test Mode ：	TX Frequency U-NII-1 (5180-5240MHz)		

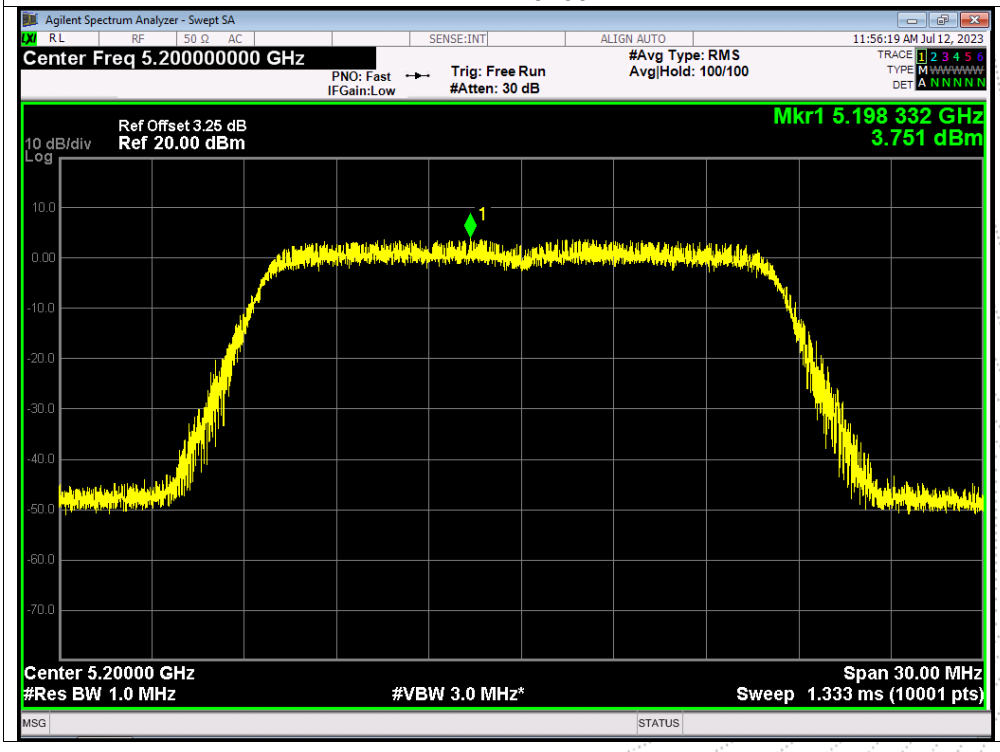
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna A, only shown Antenna A Plot.

Mode	Frequency	Measured Power Density (dBm/MHz)			Limit (dBm/MHz)	Result
		ANT A	ANT B	Total		
802.11 a	5180 MHz	3.94	3.41	/	11	PASS
	5200 MHz	3.75	2.94	/	11	PASS
	5240 MHz	2.68	2.53	/	11	PASS
802.11 n20	5180 MHz	2.79	2.85	5.83	11	PASS
	5200 MHz	2.79	2.53	5.67	11	PASS
	5240 MHz	2.02	2.13	5.09	11	PASS
802.11 n40	5190 MHz	-0.97	-1.25	1.90	11	PASS
	5230 MHz	-1.61	-1.35	1.53	11	PASS
802.11 ac20	5180 MHz	2.33	3.03	5.70	11	PASS
	5200 MHz	2.45	2.75	5.61	11	PASS
	5240 MHz	2.19	2.24	5.23	11	PASS
802.11 ac40	5190 MHz	-1.19	-1.54	1.65	11	PASS
	5230 MHz	-1.49	-1.65	1.44	11	PASS
802.11 ac80	5210 MHz	-4.73	-5.18	-1.94	11	PASS
802.11 ax20	5180 MHz	1.33	0.87	4.12	11	PASS
	5200 MHz	0.6	0.87	3.75	11	PASS
	5240 MHz	0.45	0.24	3.36	11	PASS
802.11 ax40	5190 MHz	-3.22	-2.54	0.14	11	PASS
	5230 MHz	-5.38	-2.2	-0.49	11	PASS
802.11 ax80	5210 MHz	-6.95	-7.5	-4.21	11	PASS

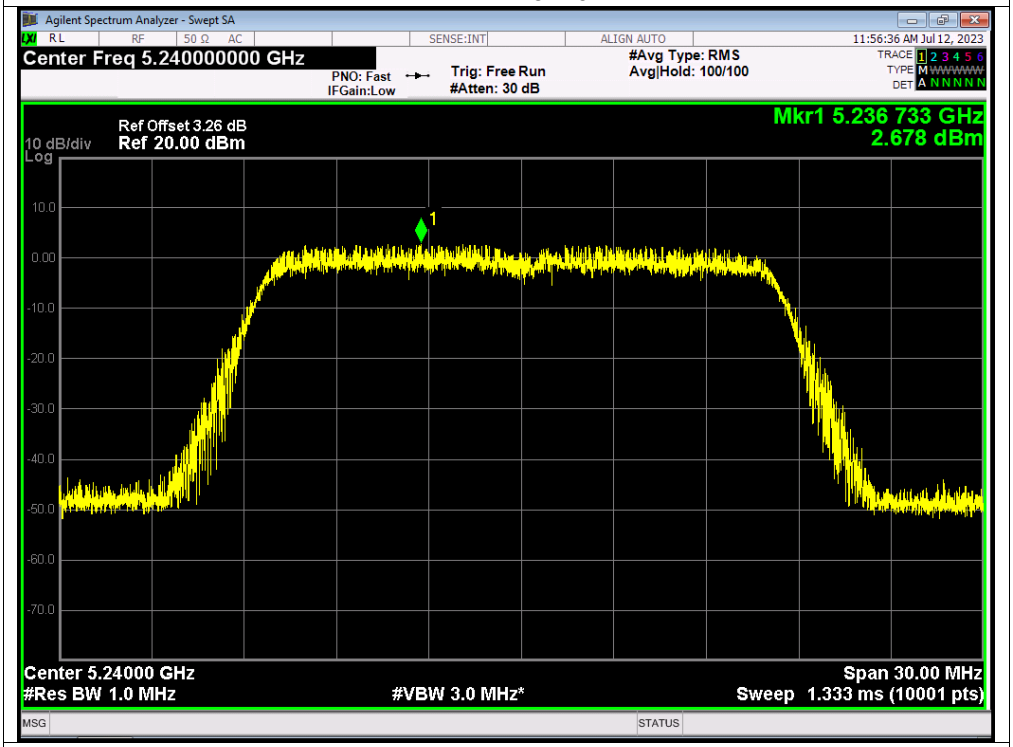
Test Graphs
PSD NVNT a 5180MHz



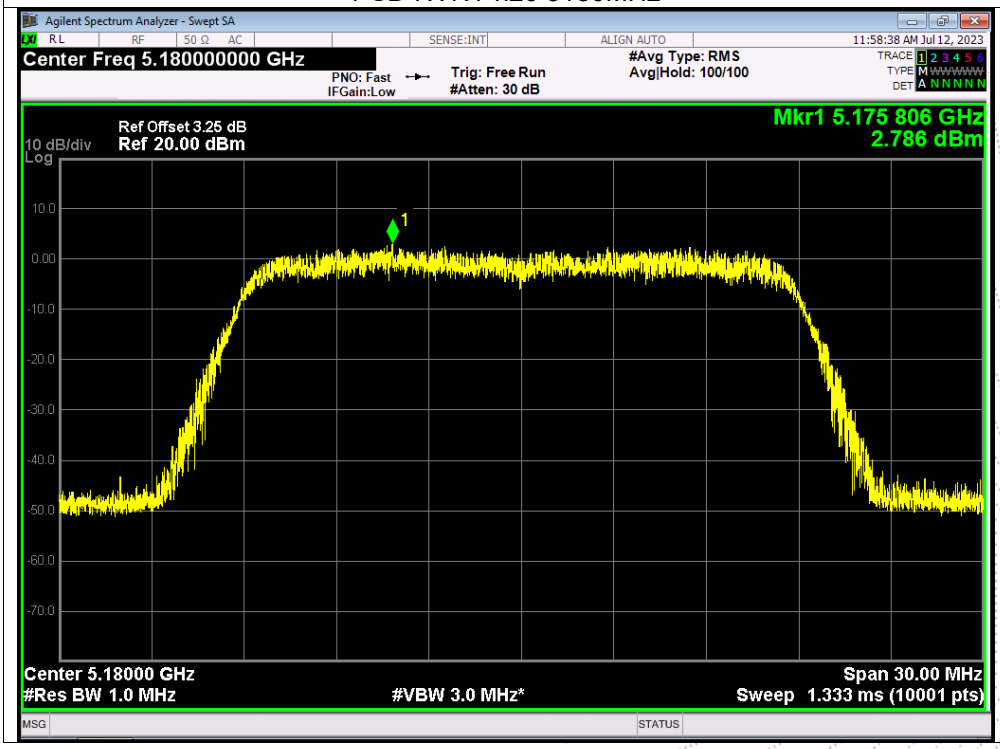
PSD NVNT a 5200MHz



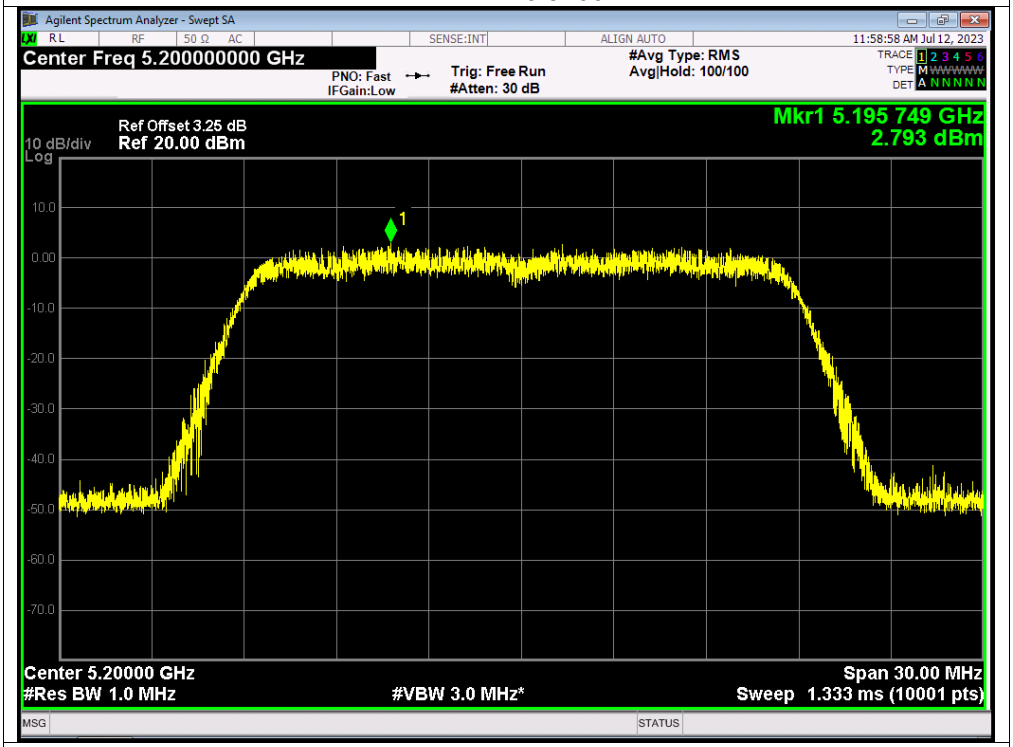
PSD NVNT a 5240MHz



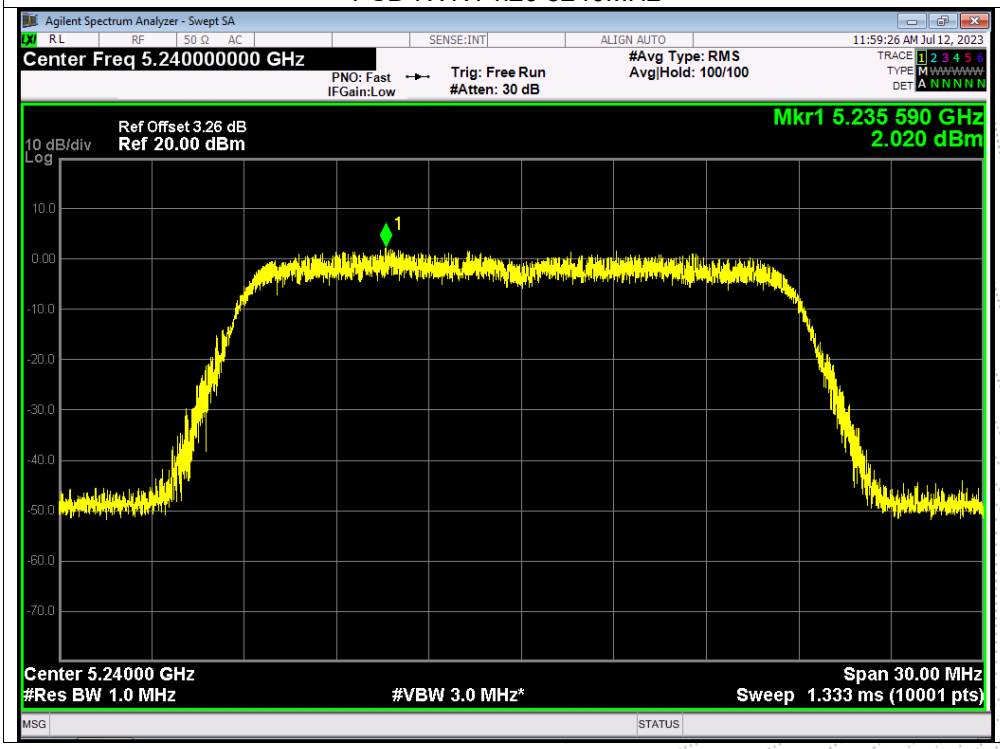
PSD NVNT n20 5180MHz



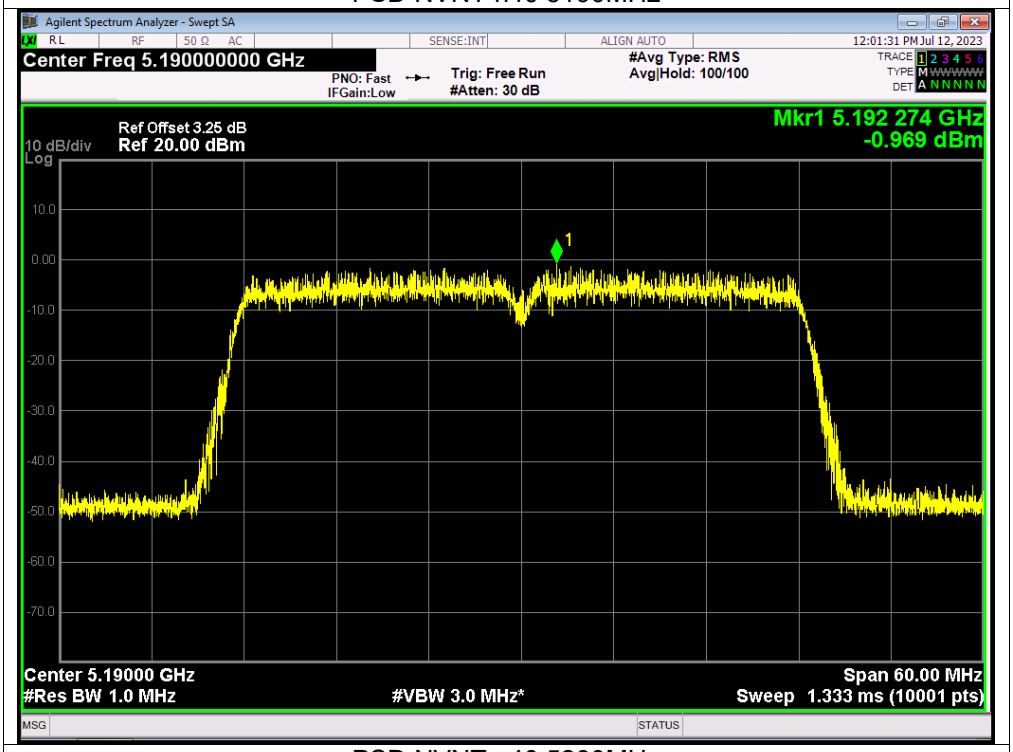
PSD NVNT n20 5200MHz



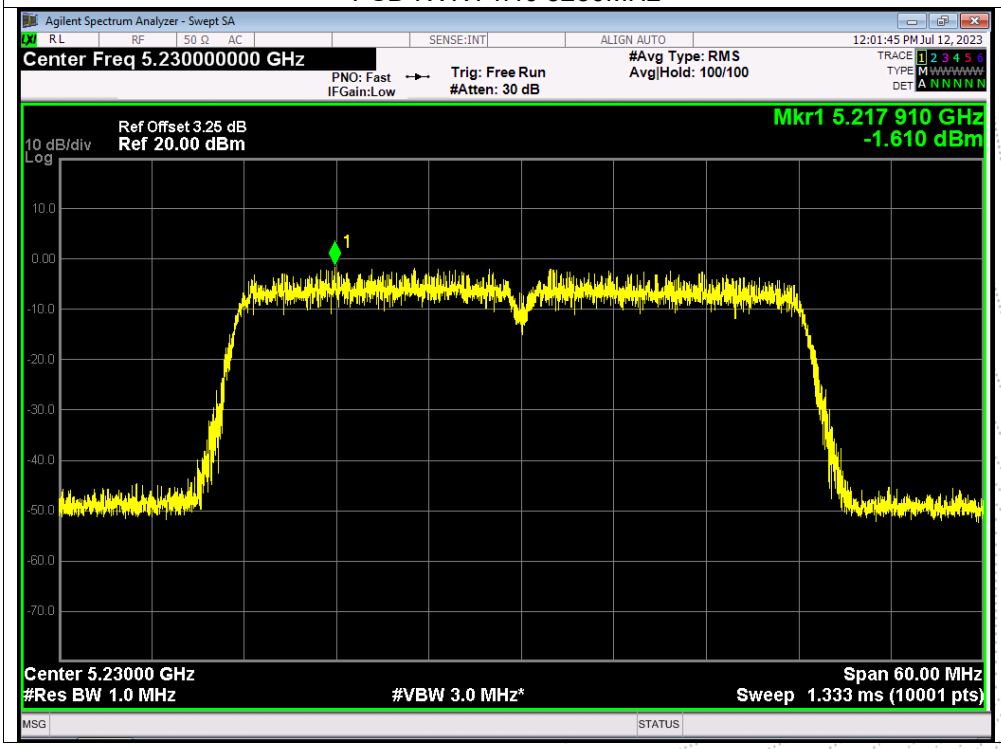
PSD NVNT n20 5240MHz



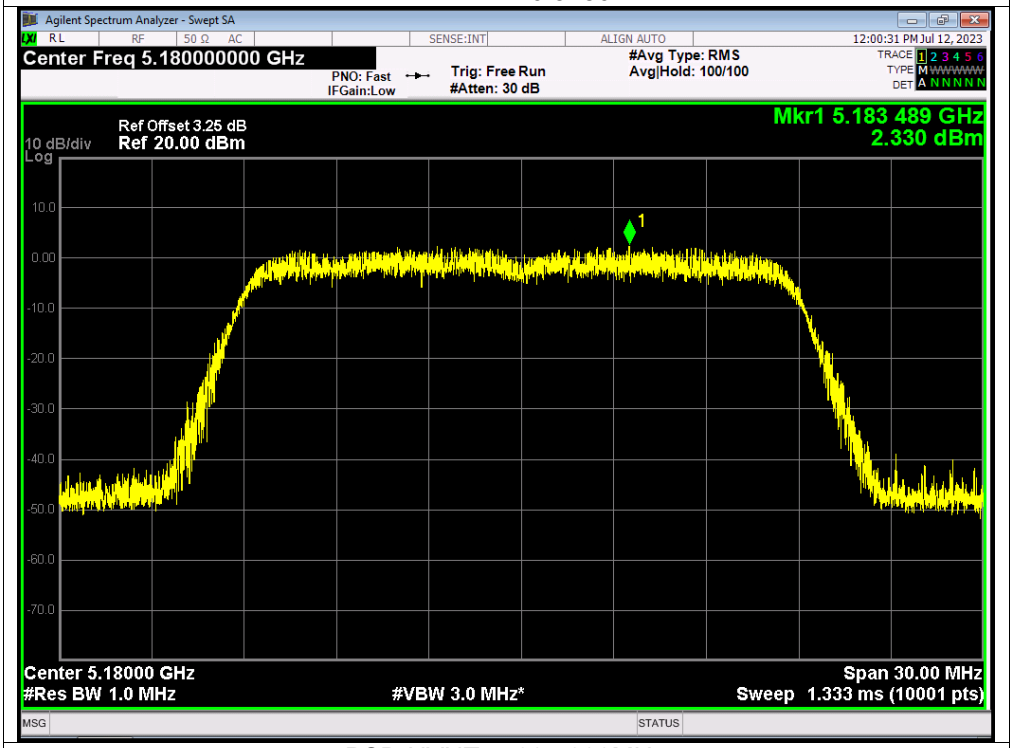
PSD NVNT n40 5190MHz



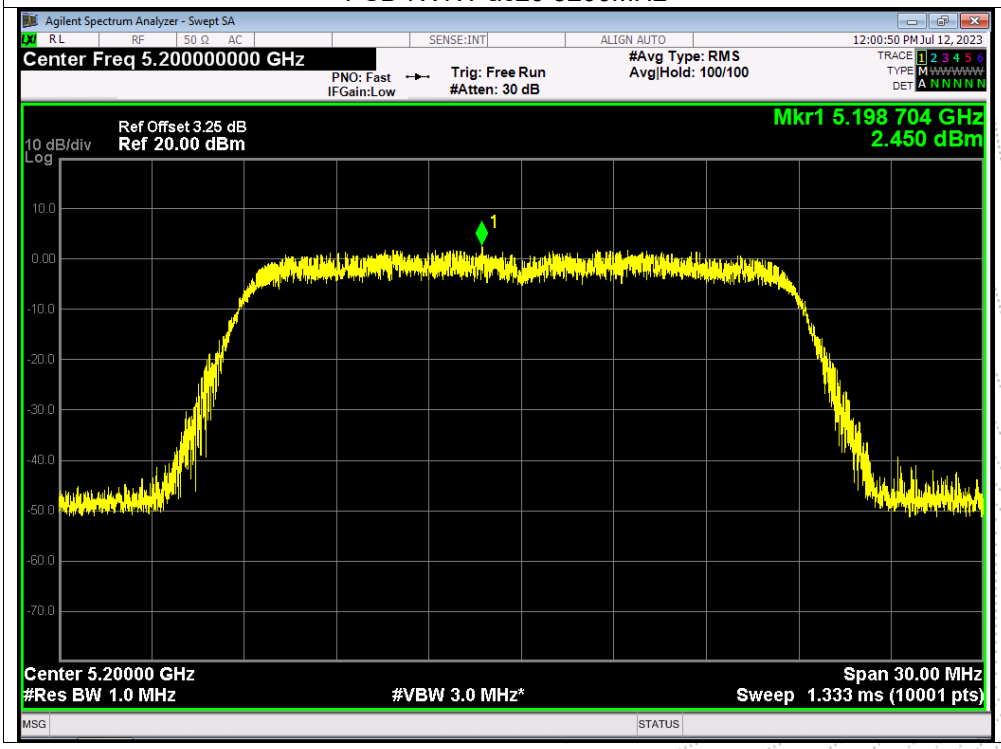
PSD NVNT n40 5230MHz



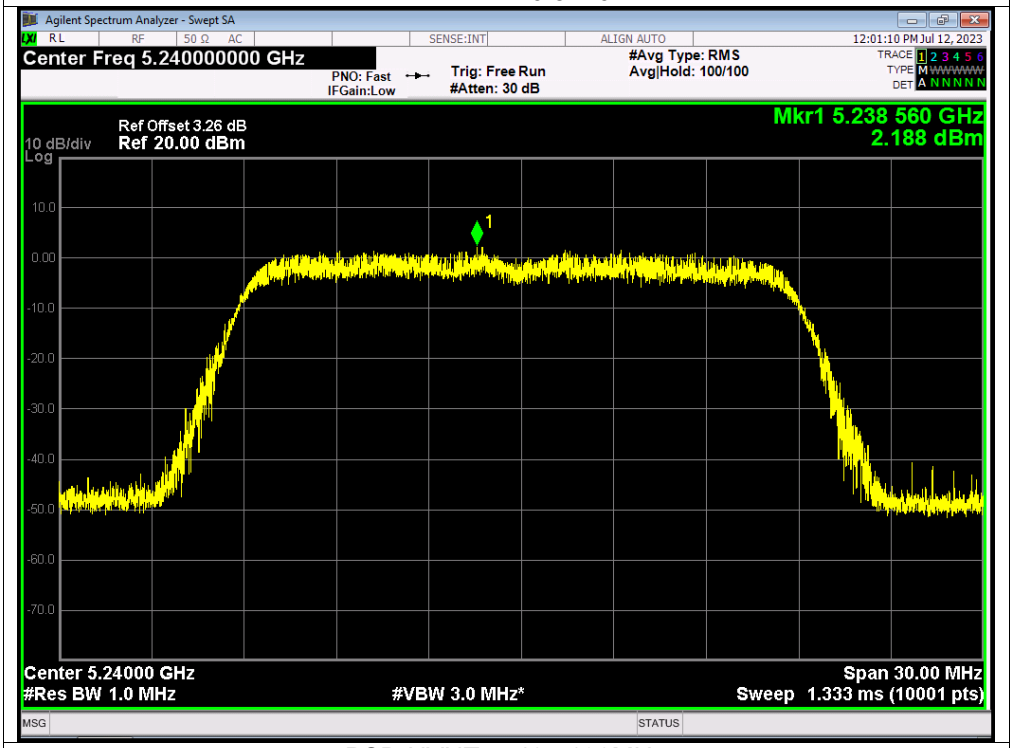
PSD NVNT ac20 5180MHz



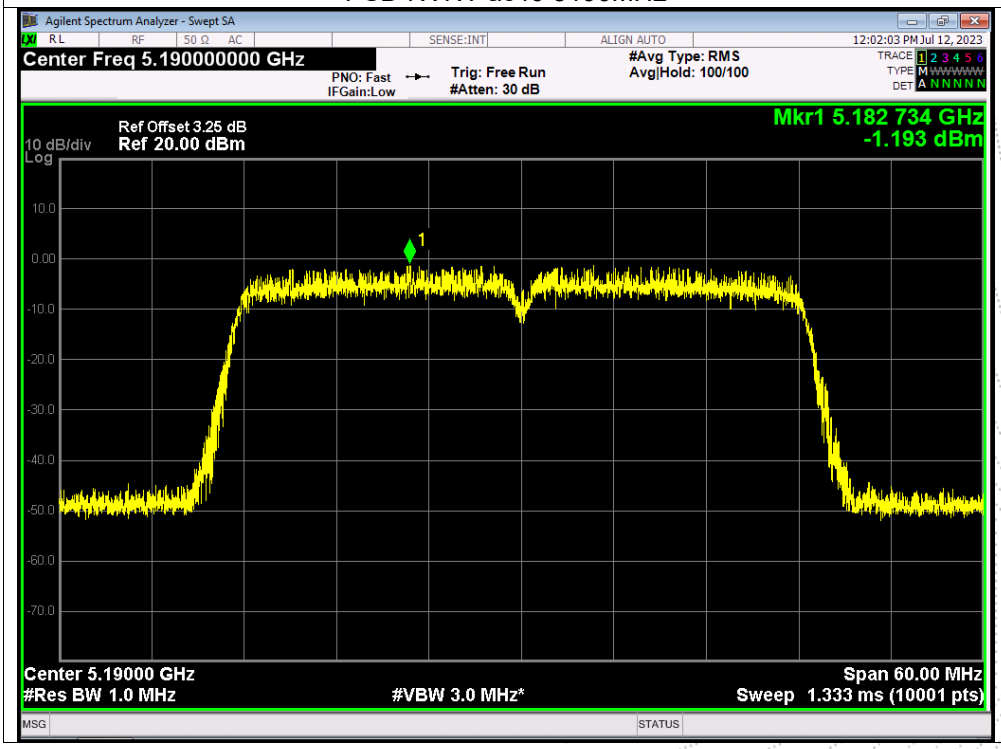
PSD NVNT ac20 5200MHz



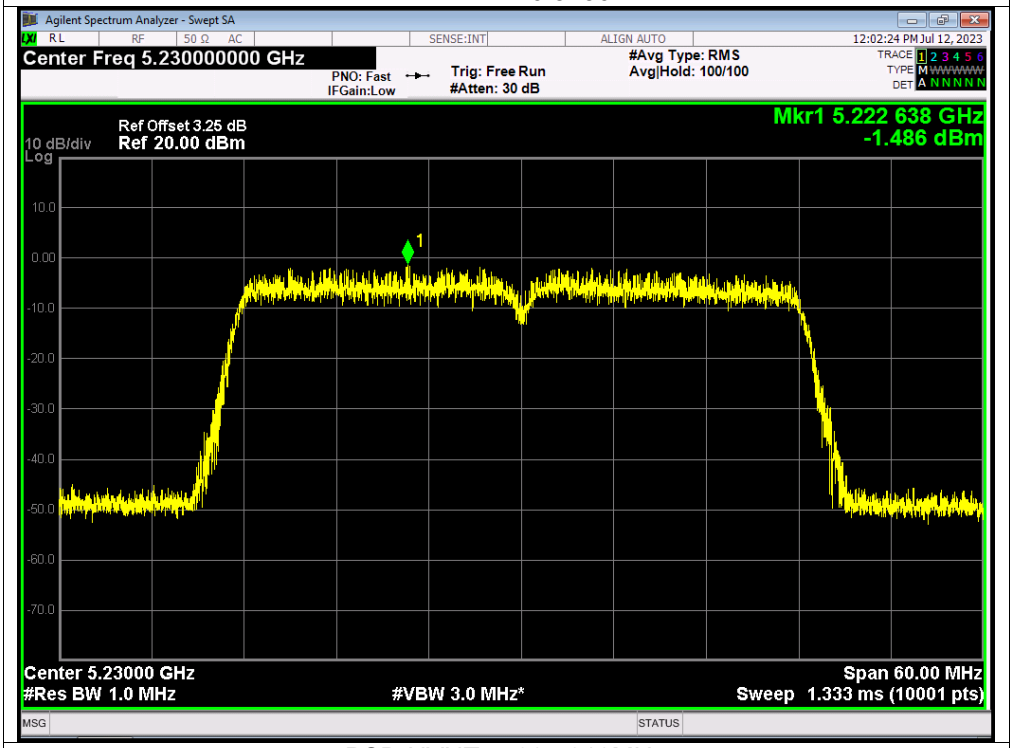
PSD NVNT ac20 5240MHz



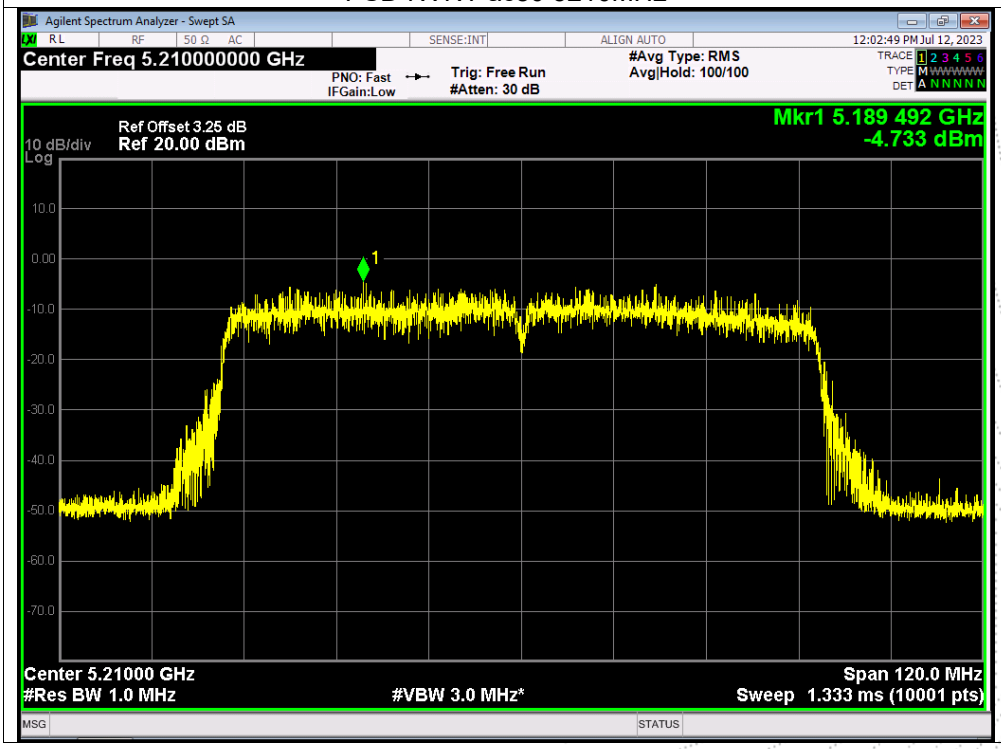
PSD NVNT ac40 5190MHz



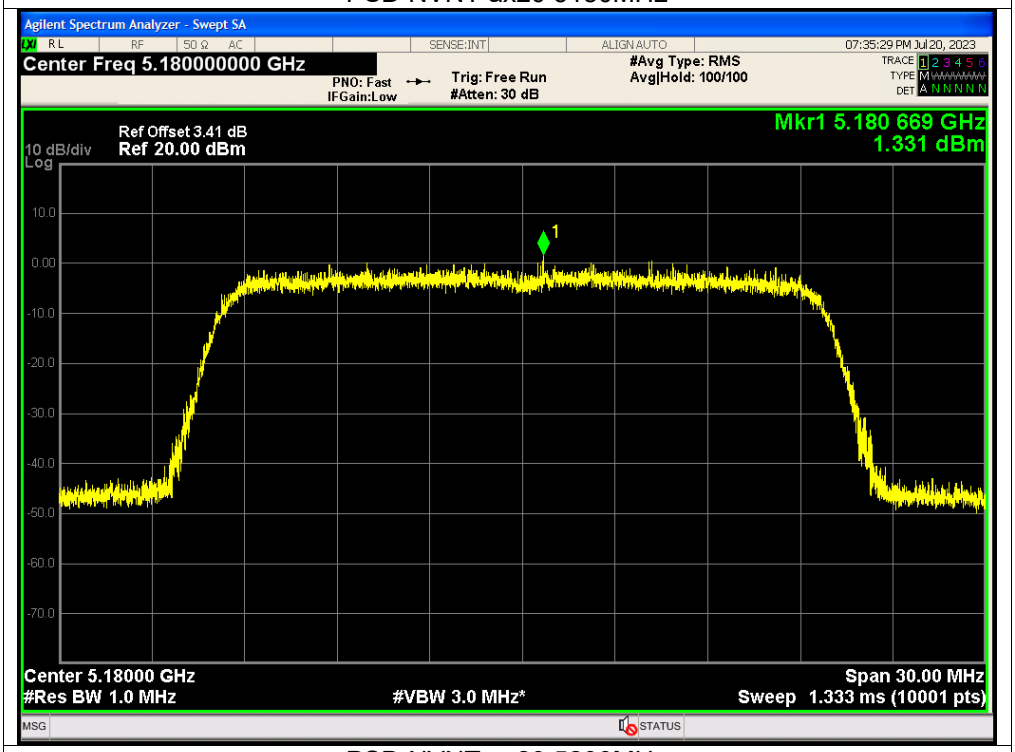
PSD NVNT ac40 5230MHz



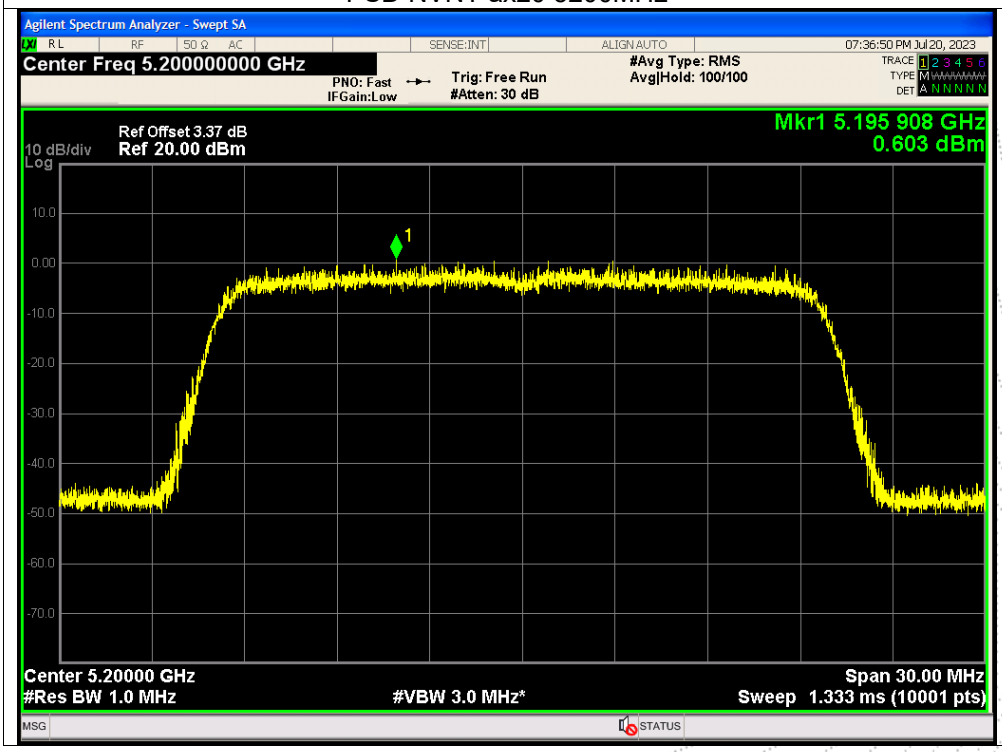
PSD NVNT ac80 5210MHz



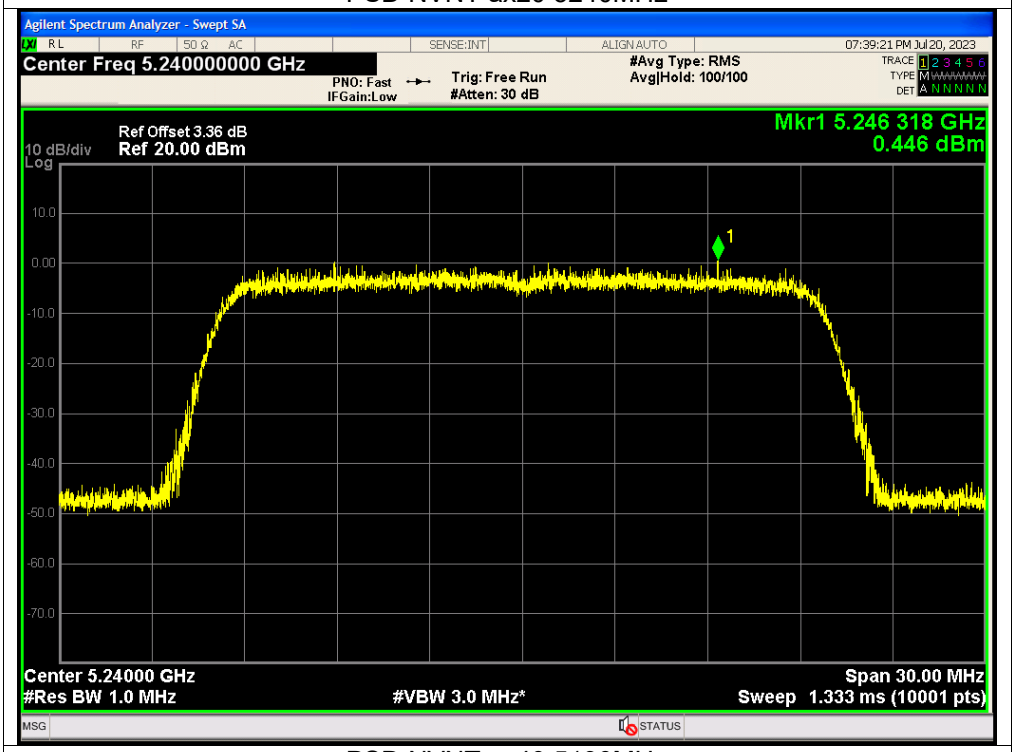
PSD NVNT ax20 5180MHz



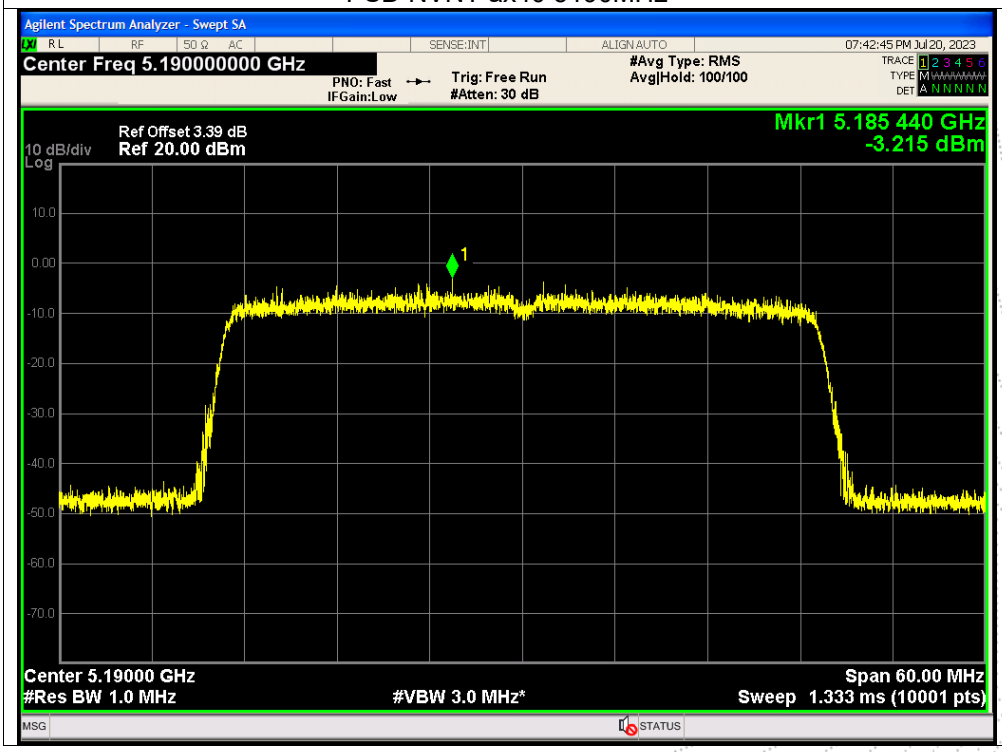
PSD NVNT ax20 5200MHz



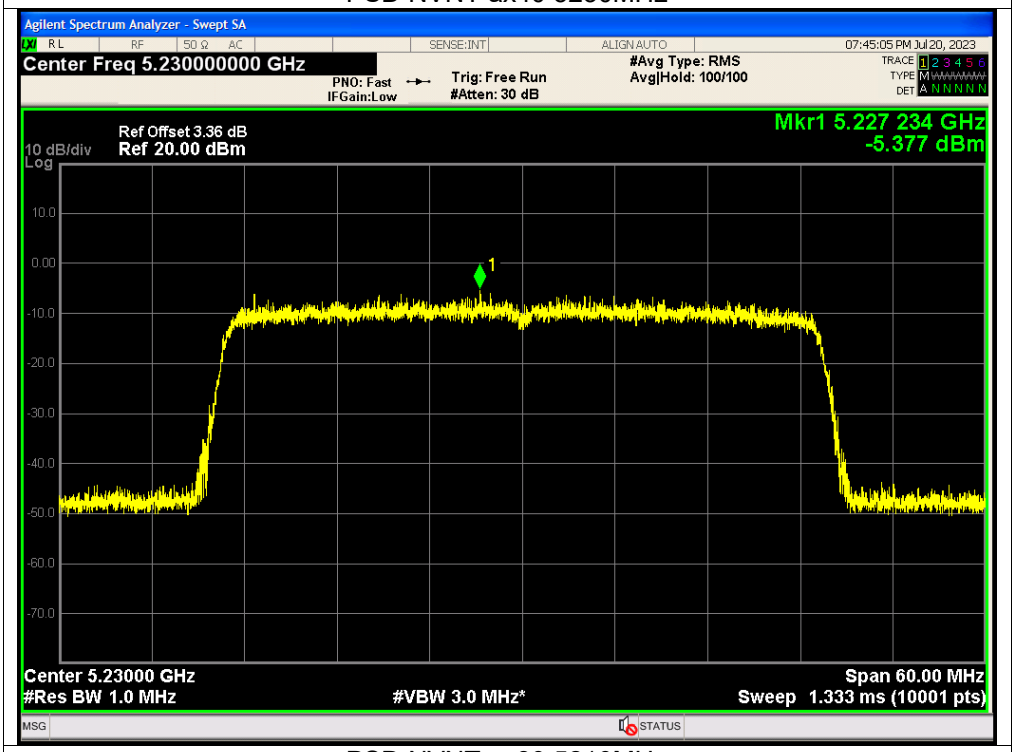
PSD NVNT ax20 5240MHz



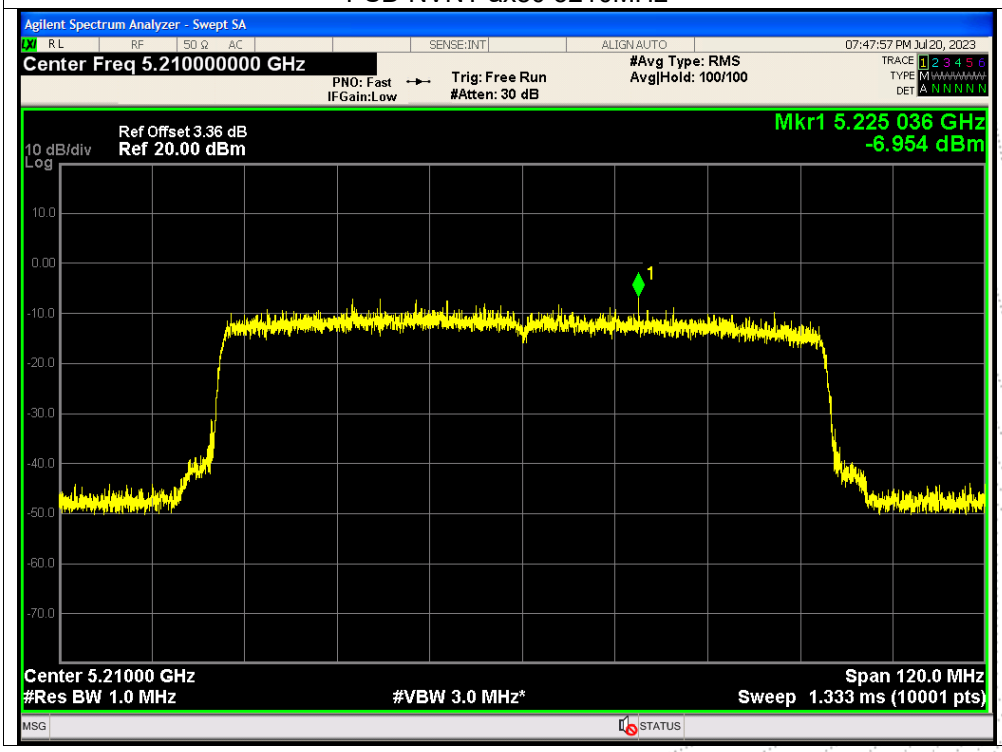
PSD NVNT ax40 5190MHz



PSD NVNT ax40 5230MHz



PSD NVNT ax80 5210MHz

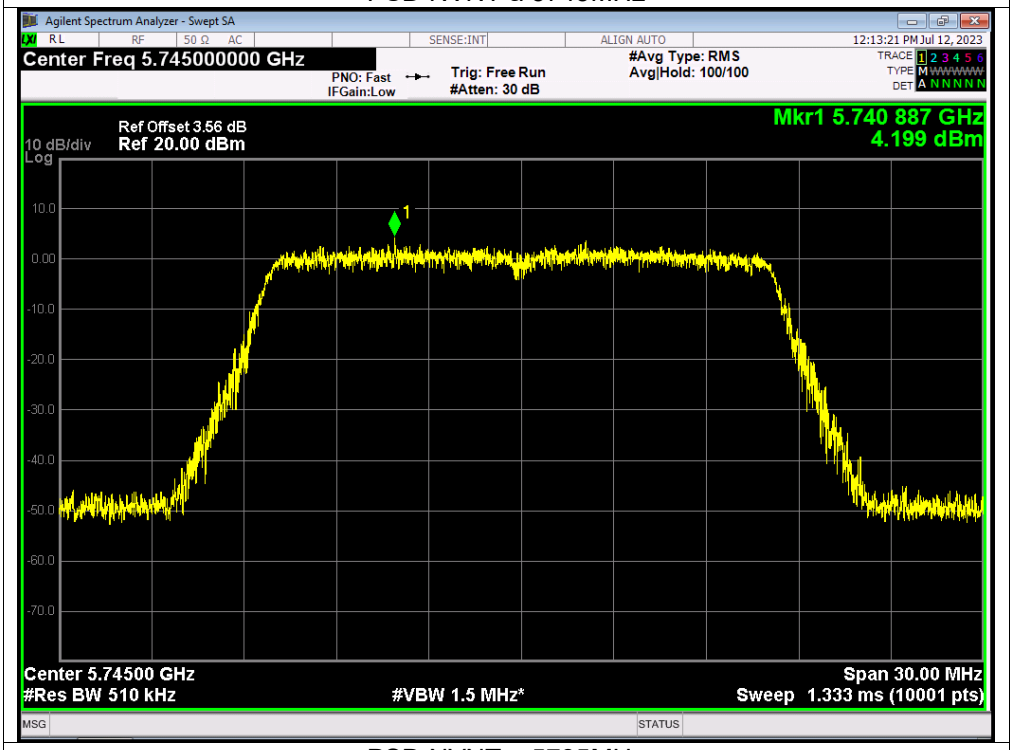


Temperature：	26 ℃	Relative Humidity：	54%
Pressure：	101kPa	Test Voltage ：	DC 5V
Test Mode ：	TX Frequency U-NII-3 (5745-5825MHz)		

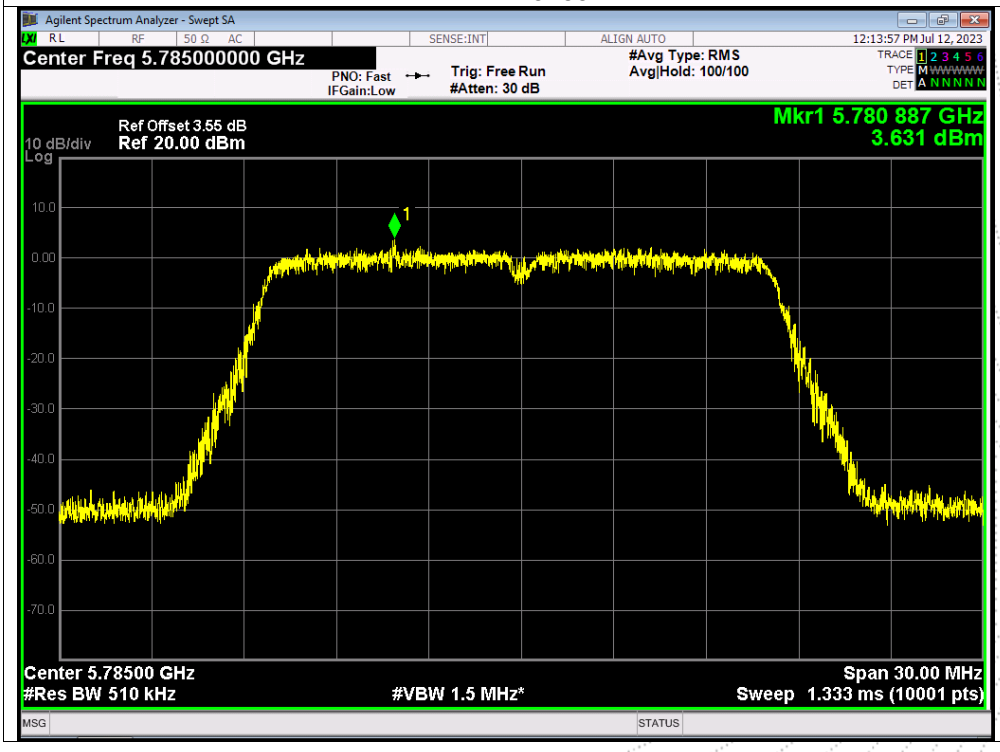
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna A, only shown Antenna A Plot.

Mode	Frequency	Measured Power Density (dBm/500KHz)			Limit (dBm/500kHz)	Result
		ANT A	ANT B	Total		
802.11 a	5745 MHz	4.2	3.09	/	30	PASS
	5785 MHz	3.63	3.52	/	30	PASS
	5825 MHz	3.03	3.19	/	30	PASS
802.11 n20	5745 MHz	2.43	2.82	5.64	30	PASS
	5785 MHz	2.65	2.19	5.44	30	PASS
	5825 MHz	1.4	1.92	4.68	30	PASS
802.11 n40	5755 MHz	-0.88	-0.92	2.11	30	PASS
	5795 MHz	-1.15	-0.76	2.06	30	PASS
802.11 ac20	5745 MHz	3.01	2.57	5.81	30	PASS
	5785 MHz	2.63	2.73	5.69	30	PASS
	5825 MHz	1.99	2.25	5.13	30	PASS
802.11 ac40	5755 MHz	-0.99	-1.14	1.95	30	PASS
	5795 MHz	-1.16	-1.01	1.93	30	PASS
802.11 ac80	5775 MHz	-4.03	-4.22	-1.11	30	PASS
802.11 ax20	5745 MHz	-4.18	-2.26	-0.10	30	PASS
	5785 MHz	-1.98	-2.44	0.81	30	PASS
	5825 MHz	-2.72	-1.75	0.80	30	PASS
802.11 ax40	5755 MHz	-6.8	-7.39	-4.07	30	PASS
	5795 MHz	-6.57	-6.51	-3.53	30	PASS
802.11 ax80	5775 MHz	-10.42	-10.72	-7.56	30	PASS

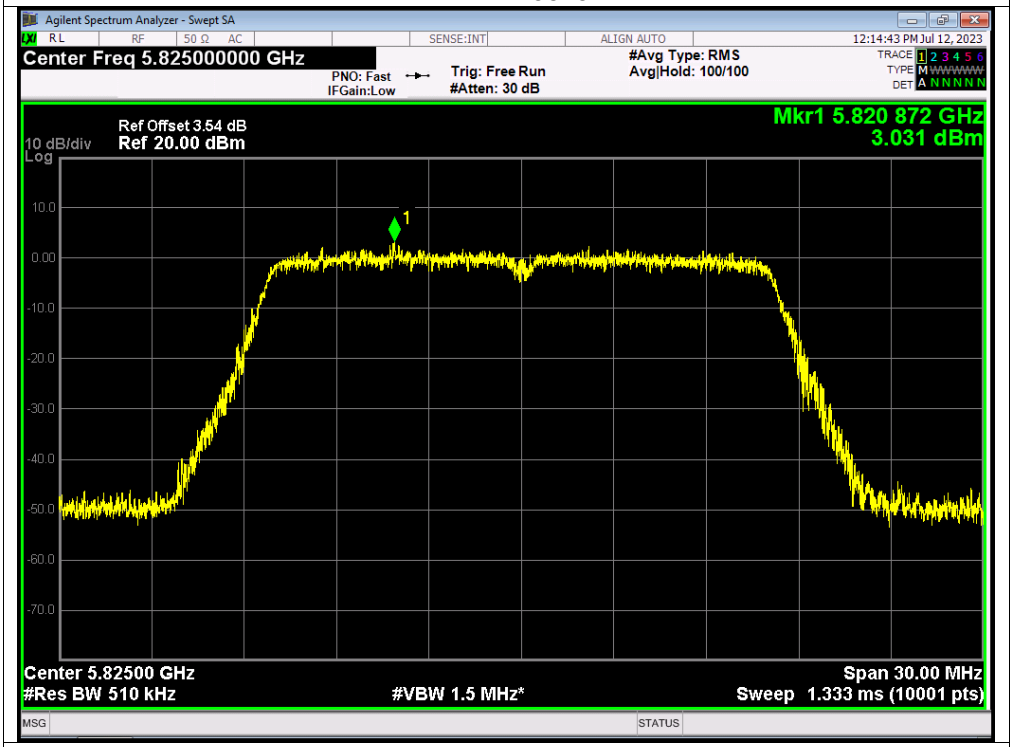
Test Graphs
PSD NVNT a 5745MHz



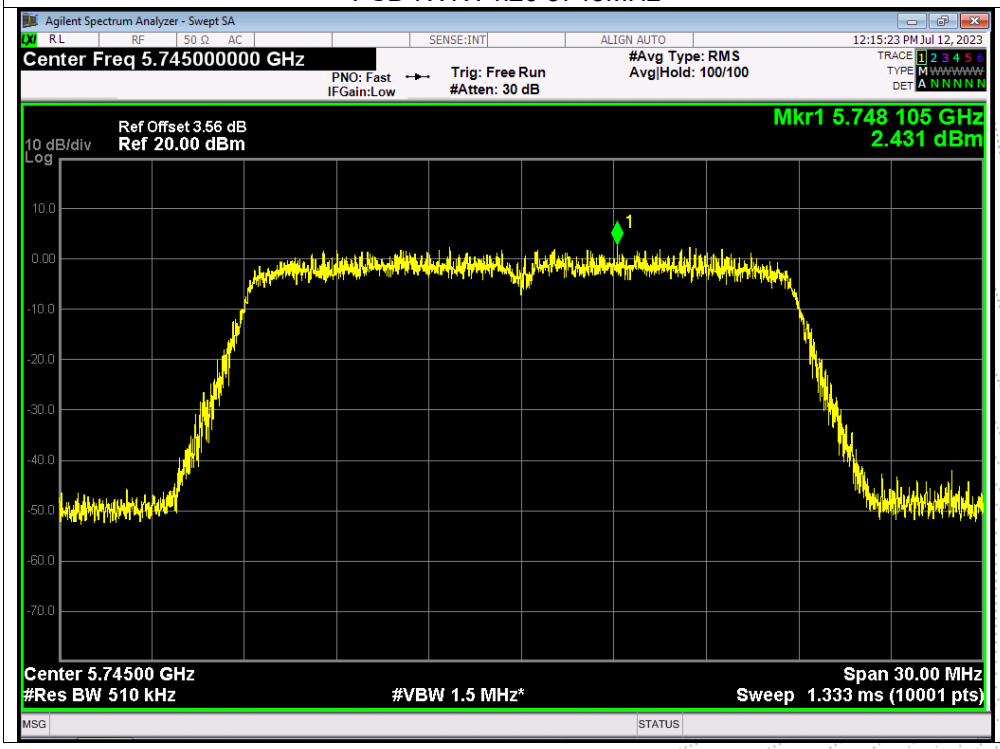
PSD NVNT a 5785MHz



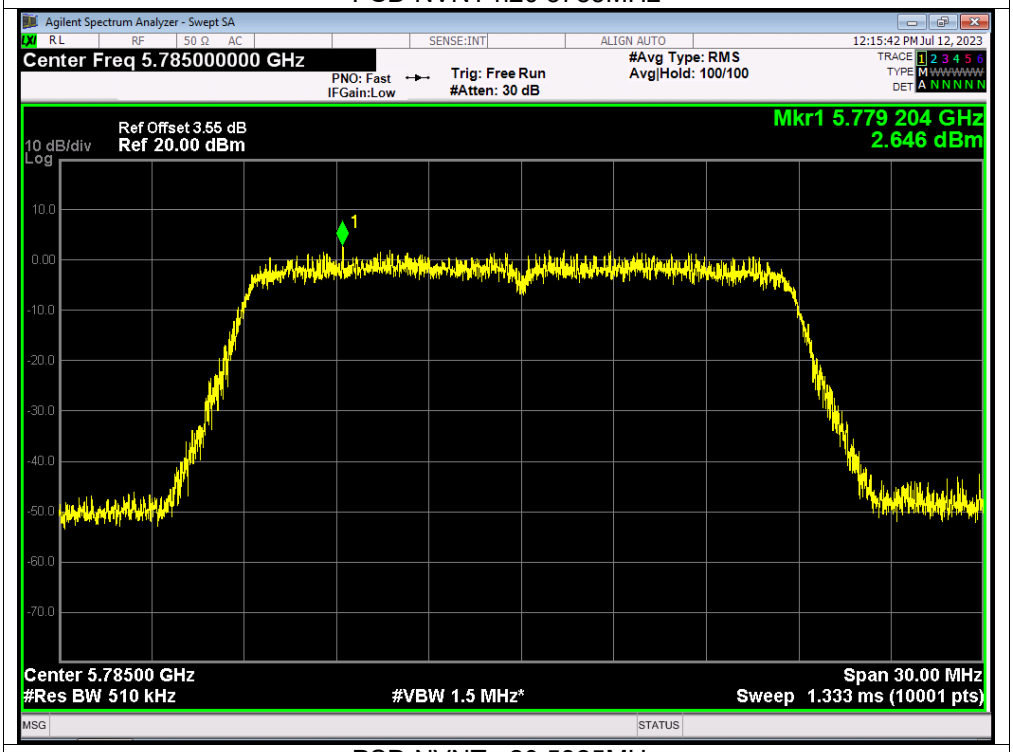
PSD NVNT a 5825MHz



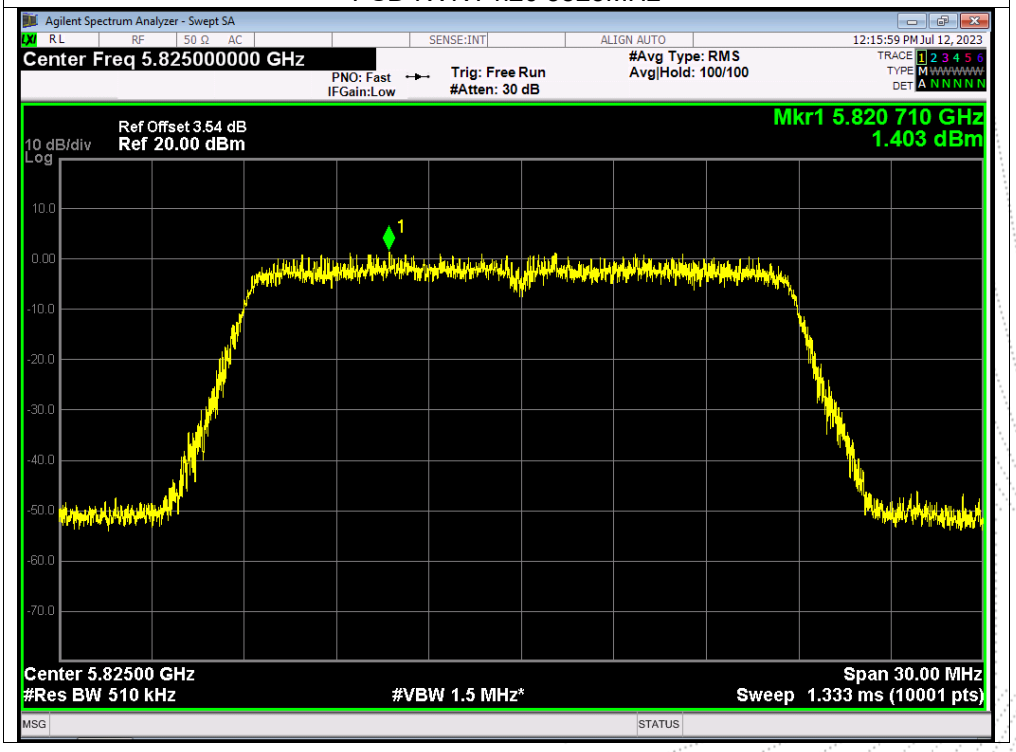
PSD NVNT n20 5745MHz



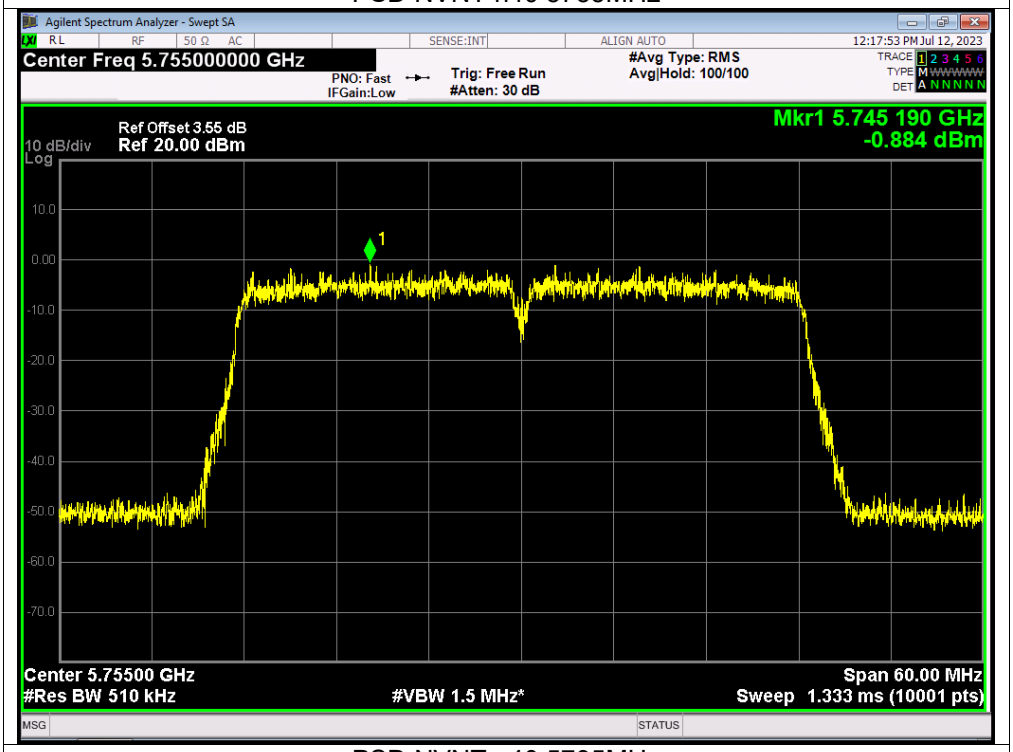
PSD NVNT n20 5785MHz



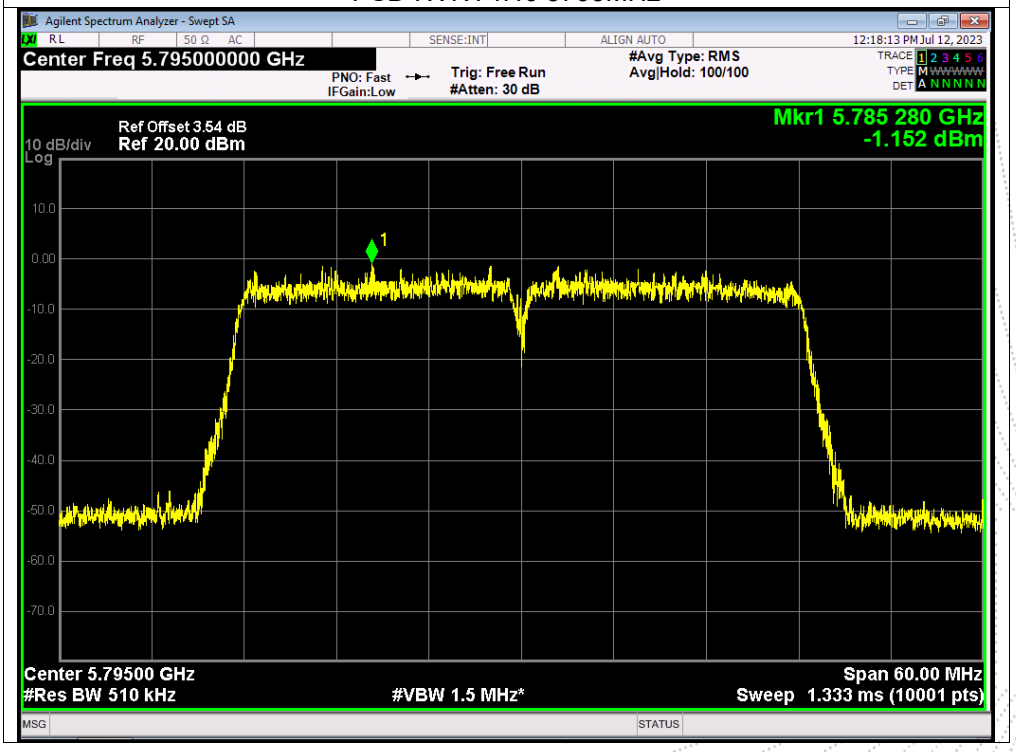
PSD NVNT n20 5825MHz



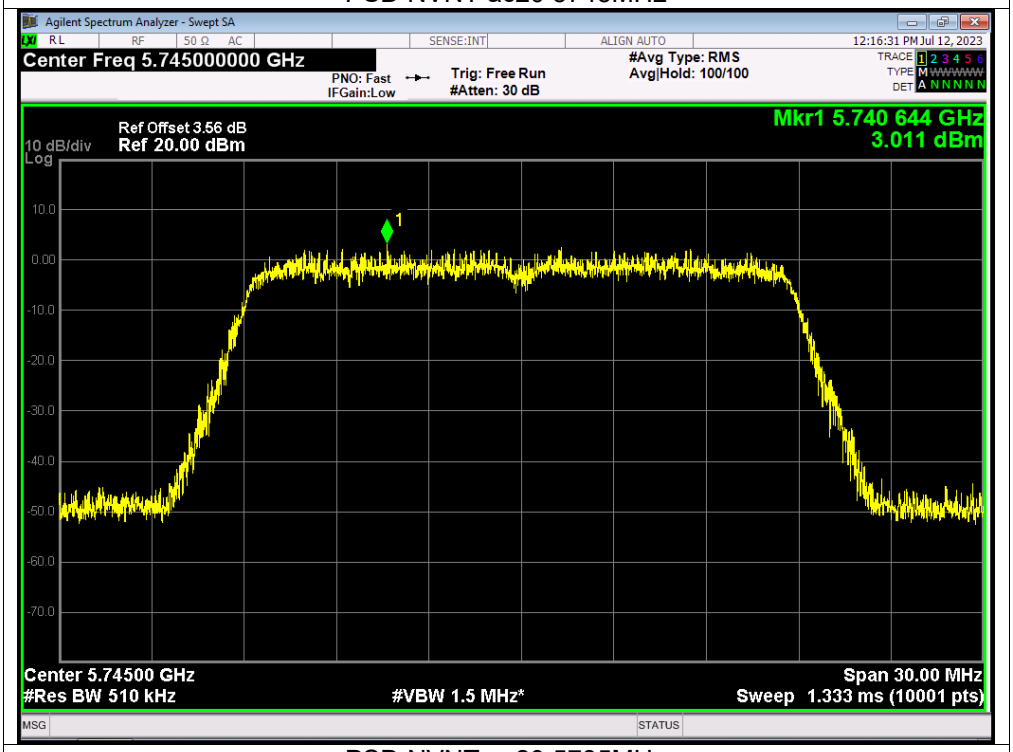
PSD NVNT n40 5755MHz



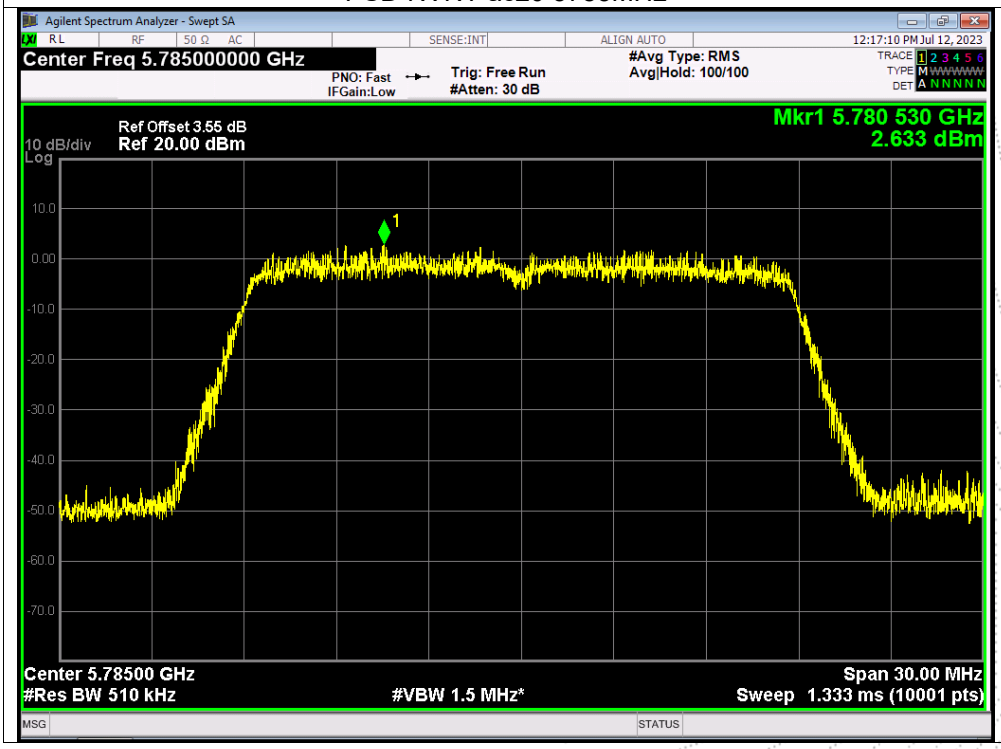
PSD NVNT n40 5795MHz



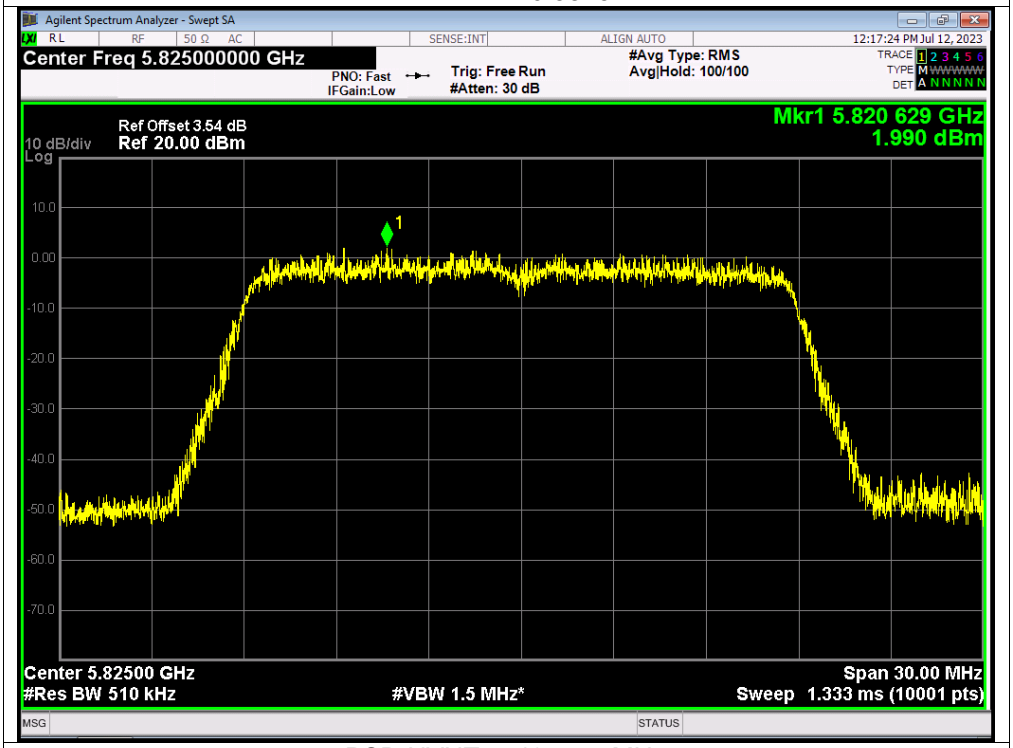
PSD NVNT ac20 5745MHz



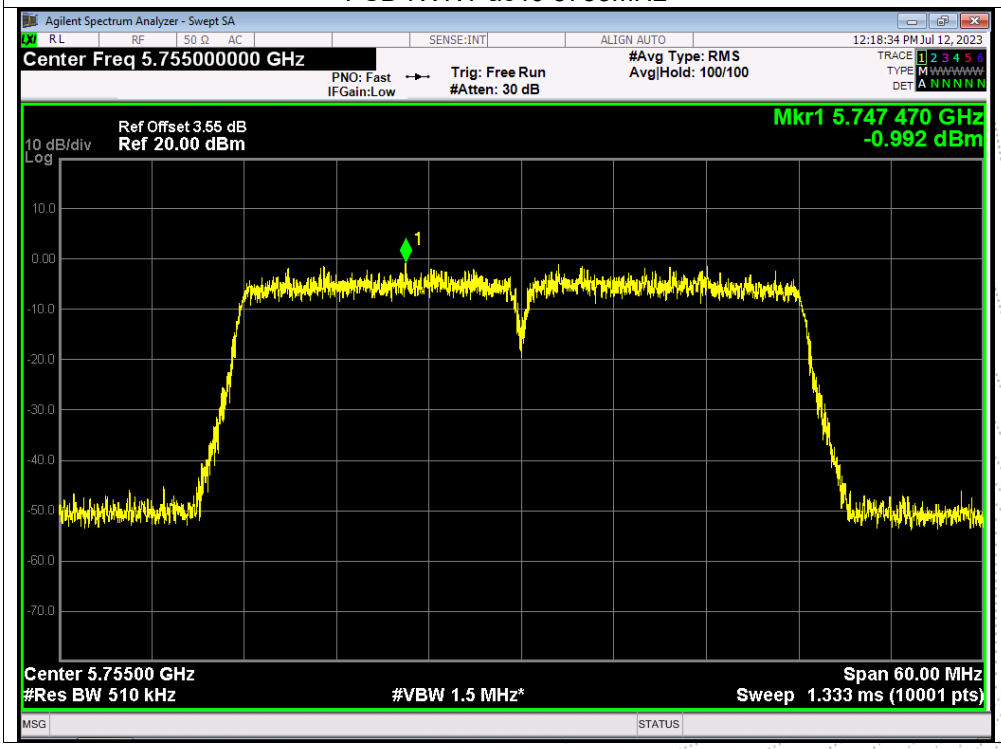
PSD NVNT ac20 5785MHz



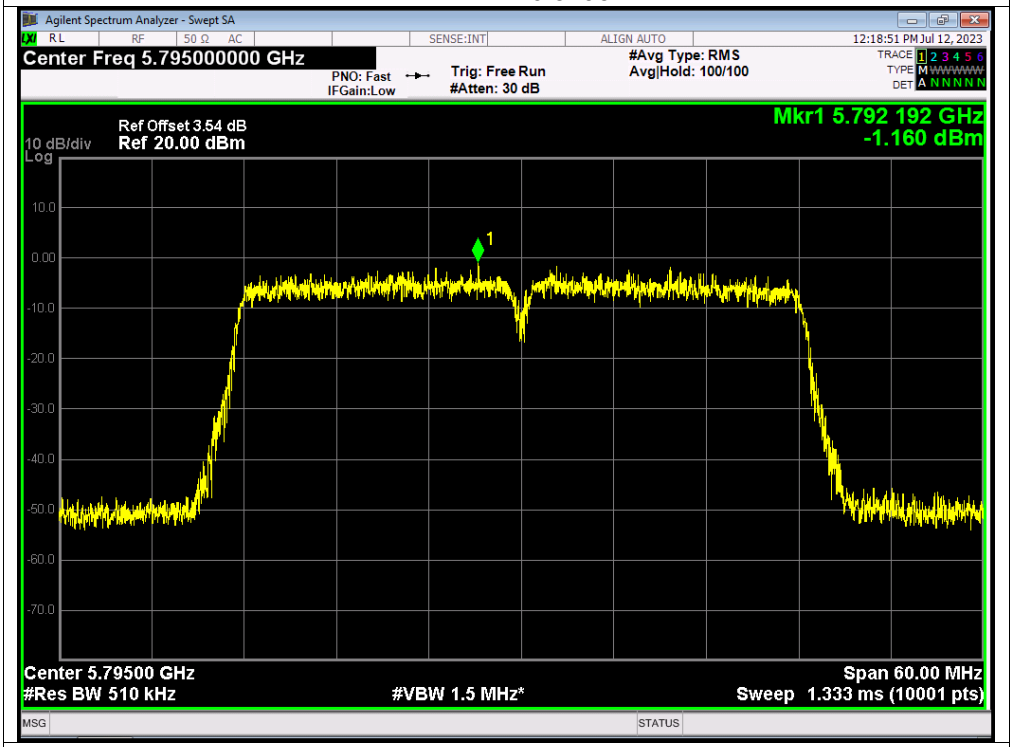
PSD NVNT ac20 5825MHz



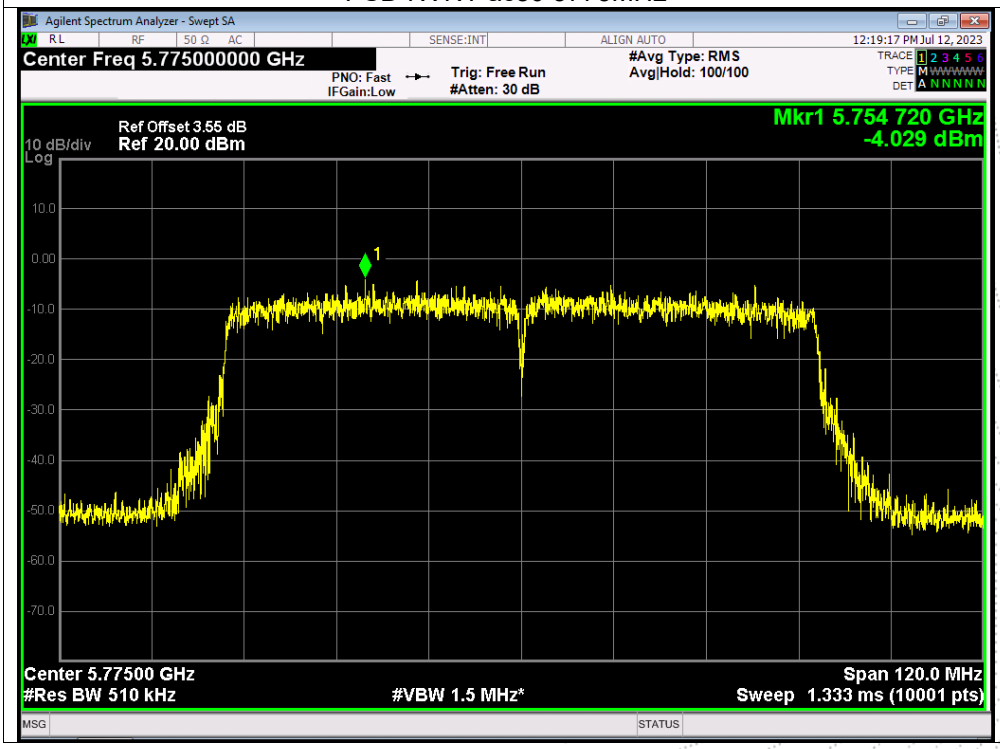
PSD NVNT ac40 5755MHz



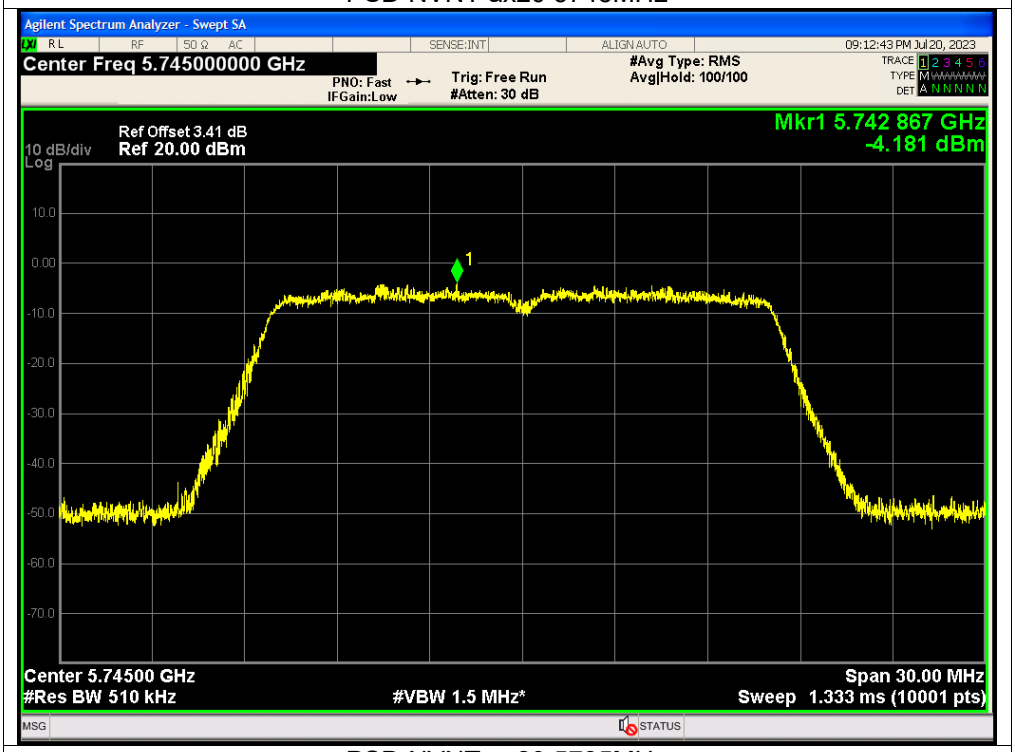
PSD NVNT ac40 5795MHz



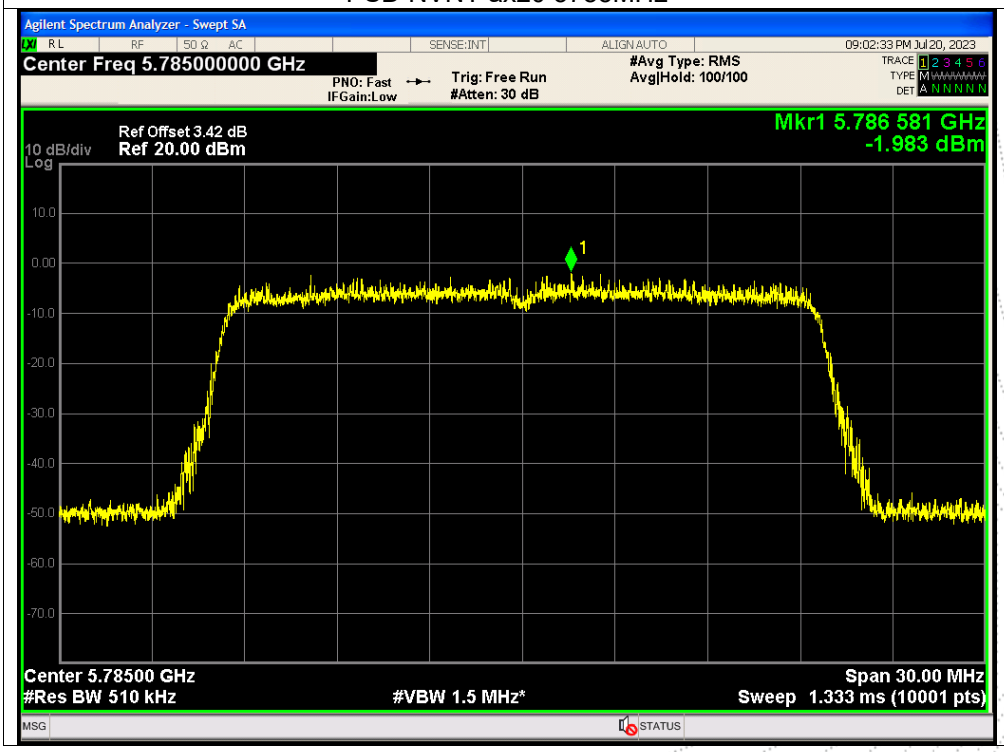
PSD NVNT ac80 5775MHz



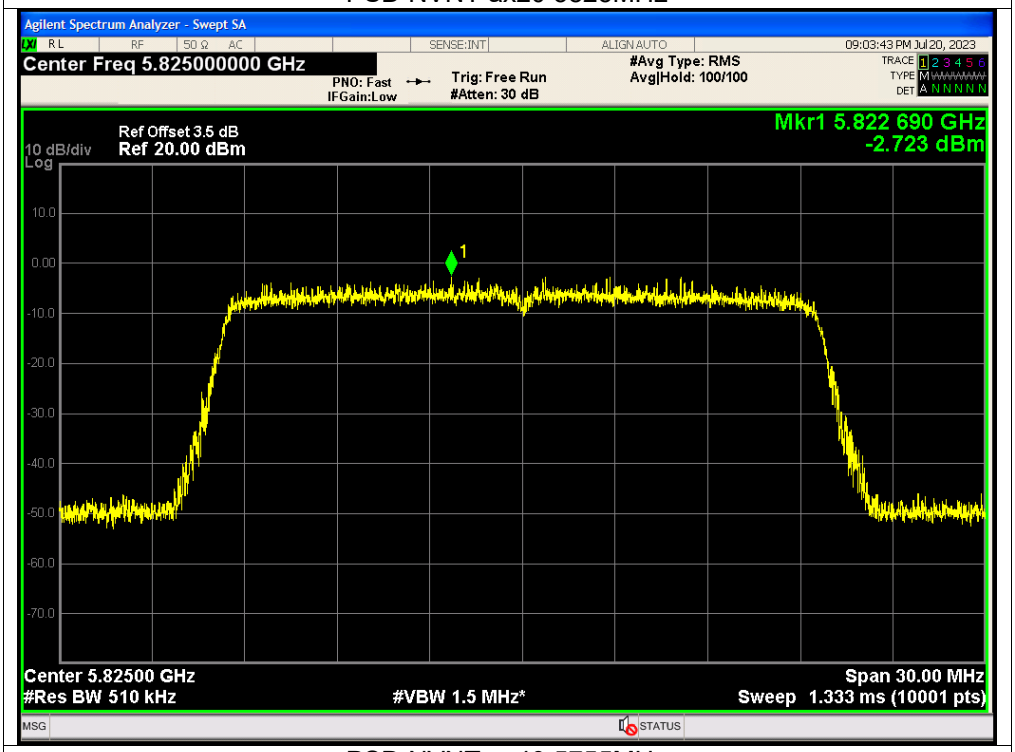
PSD NVNT ax20 5745MHz



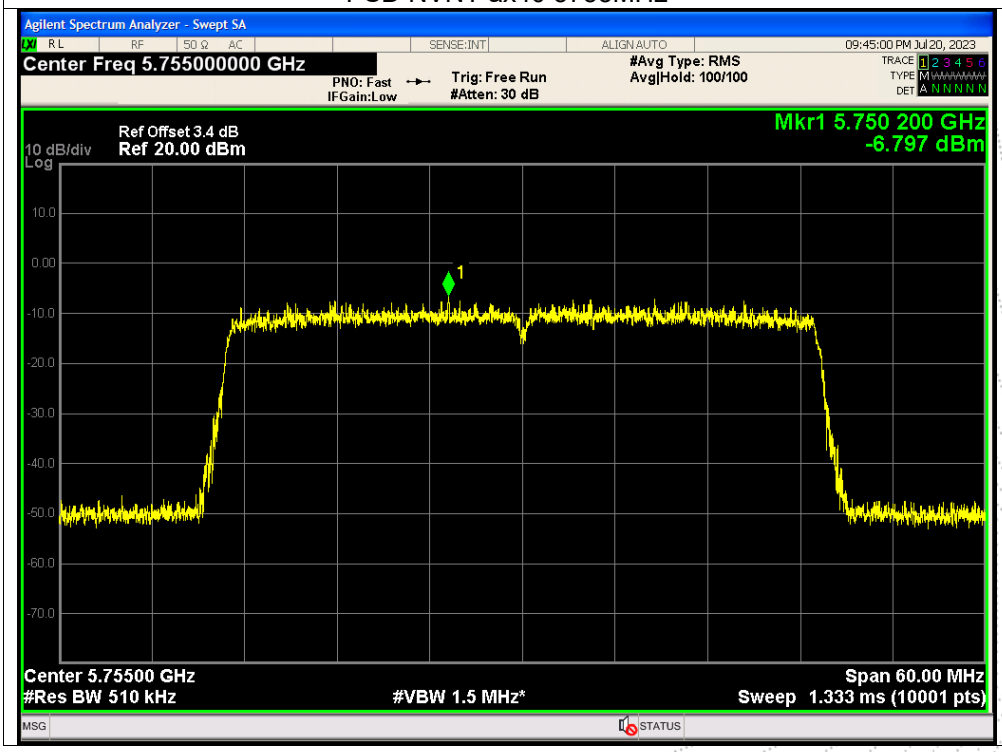
PSD NVNT ax20 5785MHz



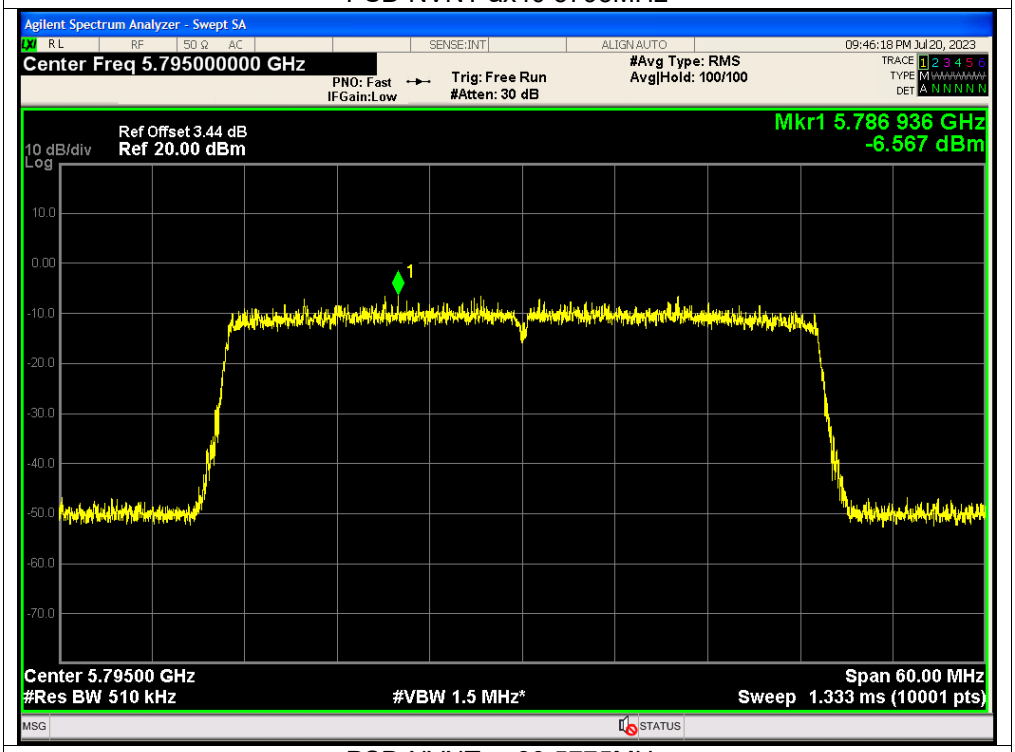
PSD NVNT ax20 5825MHz



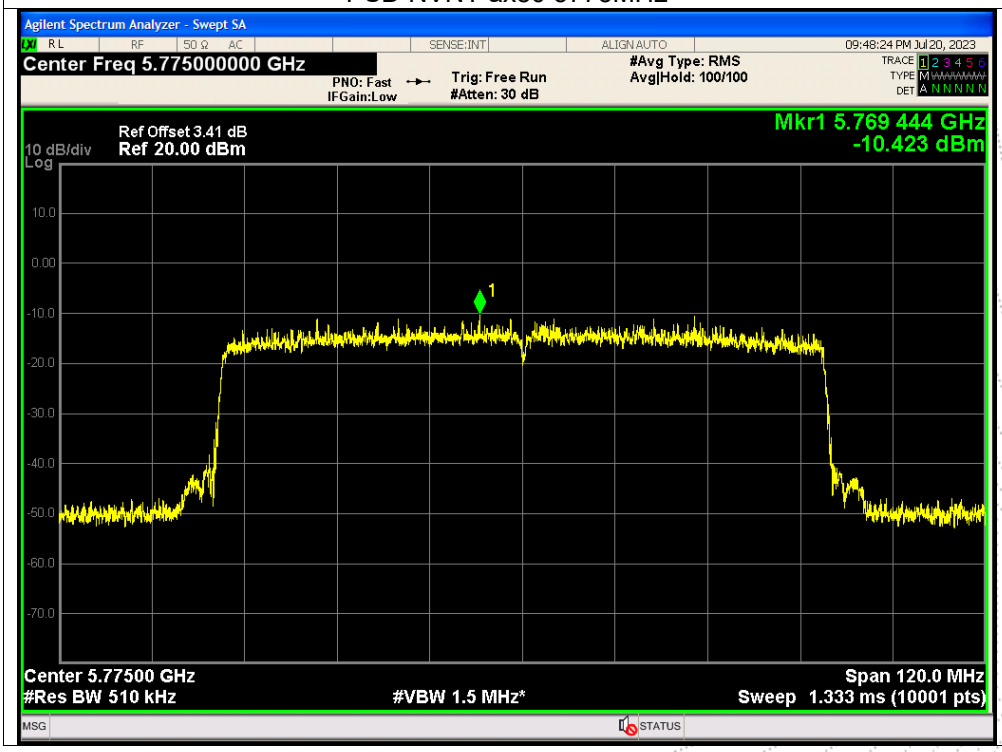
PSD NVNT ax40 5755MHz



PSD NVNT ax40 5795MHz

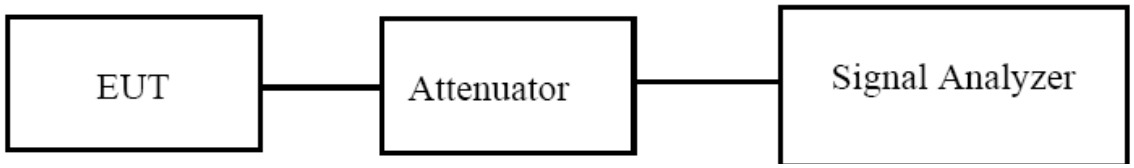


PSD NVNT ax80 5775MHz



9. 26dB & 6dB & 99% Emission Bandwidth

9.1 Block Diagram Of Test Setup



9.2 Limit

The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test. If the device cannot be connected directly, alternative techniques acceptable to the Commission may be used. Measurements in the 5.725-5.85 GHz band are made over a reference bandwidth of 500 kHz or the 26 dB emission bandwidth of the device, whichever is less. Measurements in the 5.15-5.25 GHz, 5.25-5.35 GHz, and the 5.47-5.725 GHz bands are made over a bandwidth of 1 MHz or the 26 dB emission bandwidth of the device, whichever is less. A narrower resolution bandwidth can be used, provided that the measured power
is integrated over the full reference bandwidth.
(6dB bandwidth)>500kHz

9.3 Test Procedure

a) Set RBW = approximately 1% of the emission bandwidth.
b) Set the 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 maximum 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%.

The following procedure shall be used for measuring (99 %) power bandwidth:
1. Set center frequency to the nominal EUT channel center frequency.
2. Set span = 1.5 times to 5.0 times the OBW.
3. Set RBW = 1 % to 5 % of the OBW
4. Set VBW ≥ 3 · RBW
5. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
6. Use the 99 % power bandwidth function of the instrument (if available).
7. If the instrument does not have a 99 % power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

6dB
1. Set RBW = 100 kHz.
2. Set the video bandwidth (VBW) ≥ 3 x RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Sweep = auto couple.

6. Allow the trace to stabilize.
7. 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.

9.4 EUT Operating Conditions

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

9.5 Test Result

Temperature：	26 ℃	Relative Humidity：	54%
Pressure：	101kPa	Test Voltage ：	DC 5V
Test Mode ：	TX Frequency U-NII-1 (5180-5240MHz)		

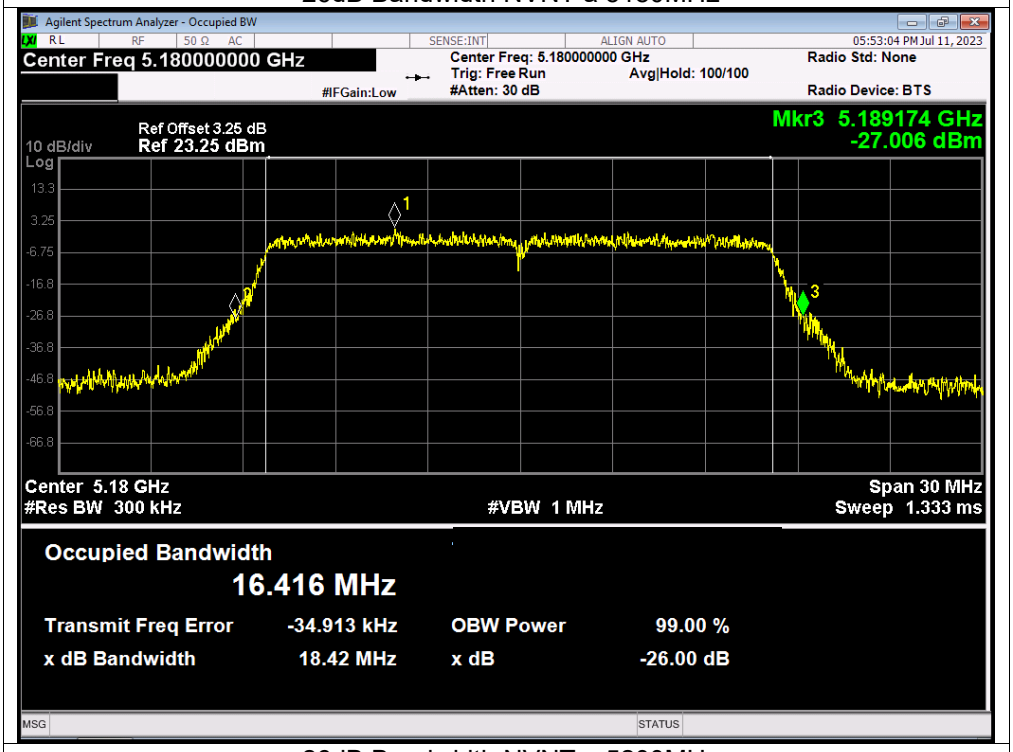
Note: A(B) Represent the value of antenna A and B. The worst data is Antenna B, only shown Antenna B Plot.

Mode	Channel	Frequency (MHz)	99% bandwidth (MHz)	26dB bandwidth (MHz)	Result
			ANT B	ANT B	
802.11a	CH36	5180	16.331	18.419	Pass
	CH40	5200	16.329	18.524	Pass
	CH48	5240	16.326	18.515	Pass
802.11 n20	CH36	5180	17.533	19.402	Pass
	CH40	5200	17.532	19.696	Pass
	CH48	5240	17.53	19.387	Pass
802.11 n40	CH 38	5190	36.09	39.903	Pass
	CH 46	5230	36.044	39.613	Pass
802.11 ac20	CH36	5180	17.524	19.5	Pass
	CH40	5200	17.54	19.541	Pass
	CH48	5240	17.518	19.586	Pass
802.11 ac40	CH 38	5190	36.038	39.652	Pass
	CH 46	5230	36.083	39.707	Pass
802.11 ac80	CH 42	5210	76.097	85.507	Pass
802.11 ax20	CH36	5180	18.861	20.176	Pass
	CH40	5200	18.877	20.367	Pass
	CH48	5240	18.864	20.488	Pass
802.11 ax40	CH 38	5190	37.743	39.837	Pass
	CH 46	5230	37.728	39.789	Pass
802.11 ax80	CH 42	5210	77.246	79.838	Pass

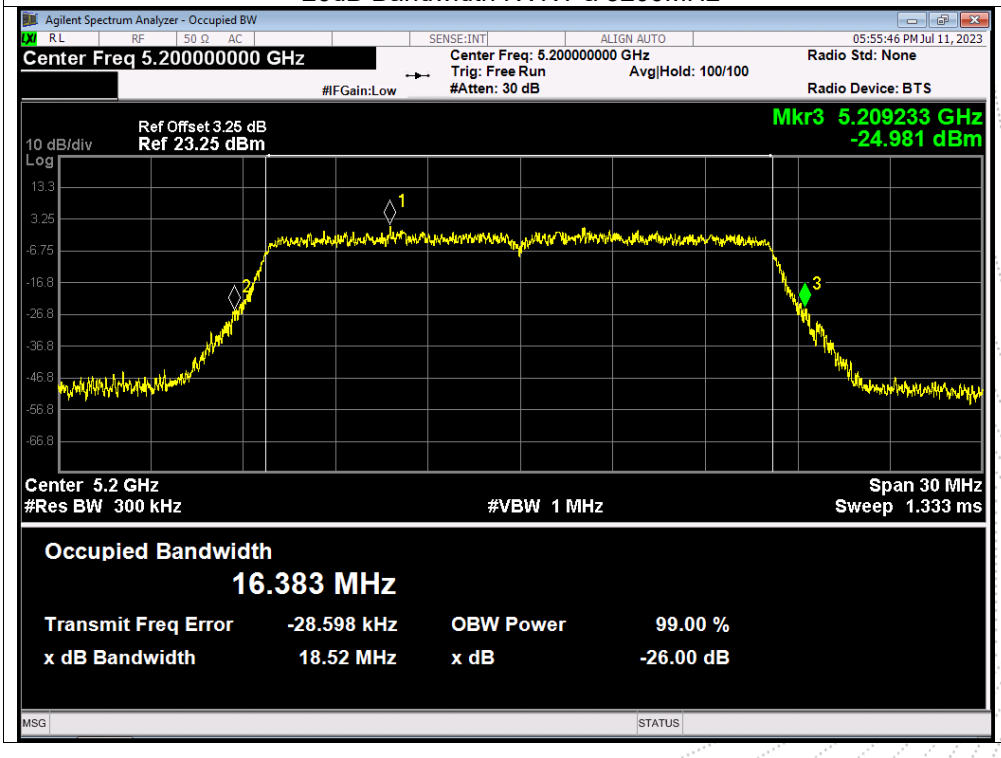
Mode	Channel	Frequency (MHz)	99% bandwidth (MHz)	26dB bandwidth (MHz)	Result
			ANT A	ANT A	
802.11a	CH36	5180	16.311	18.647	Pass
	CH40	5200	16.359	18.547	Pass
	CH48	5240	16.34	18.374	Pass
802.11 n20	CH36	5180	17.533	19.511	Pass
	CH40	5200	17.526	19.622	Pass
	CH48	5240	17.534	19.565	Pass
802.11 n40	CH 38	5190	36.04	39.563	Pass
	CH 46	5230	36.03	39.756	Pass
802.11 ac20	CH36	5180	17.531	19.409	Pass
	CH40	5200	17.537	19.424	Pass
	CH48	5240	17.555	19.464	Pass
802.11 ac40	CH 38	5190	36.061	39.709	Pass
	CH 46	5230	36.06	39.589	Pass
802.11 ac80	CH 42	5210	76.212	85.306	Pass
802.11 ax20	CH36	5180	18.851	20.208	Pass
	CH40	5200	18.862	20.313	Pass
	CH48	5240	18.868	20.61	Pass
802.11 ax40	CH 38	5190	37.698	39.749	Pass
	CH 46	5230	37.695	39.899	Pass
802.11 ax80	CH 42	5210	76.708	79.183	Pass

Test Graphs

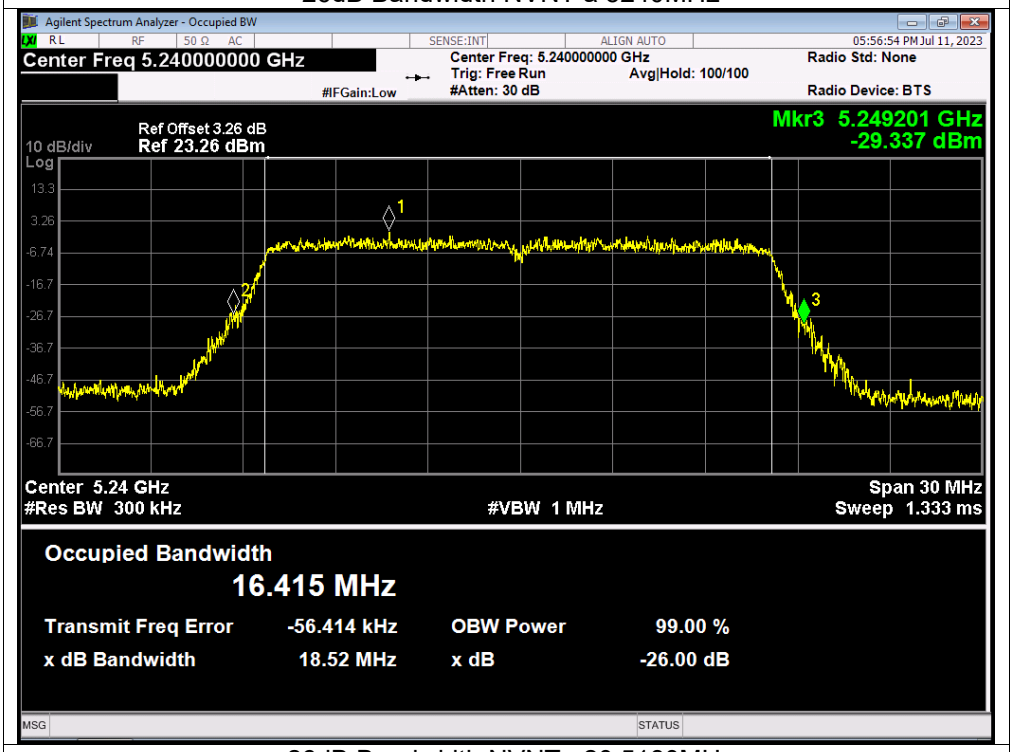
-26dB Bandwidth NVNT a 5180MHz



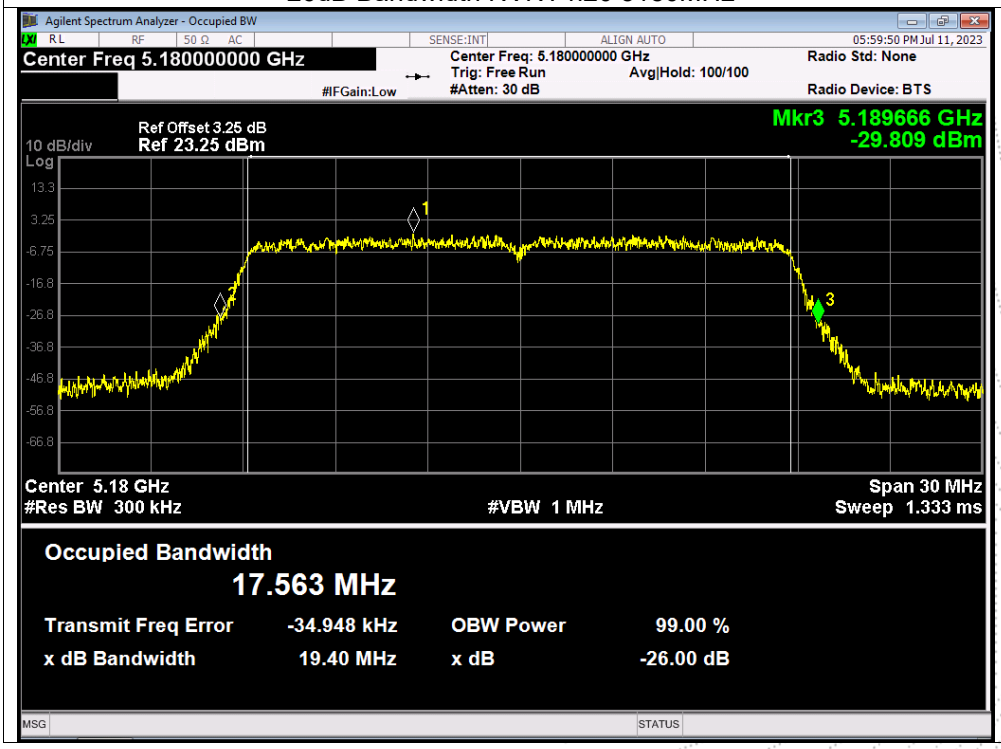
-26dB Bandwidth NVNT a 5200MHz



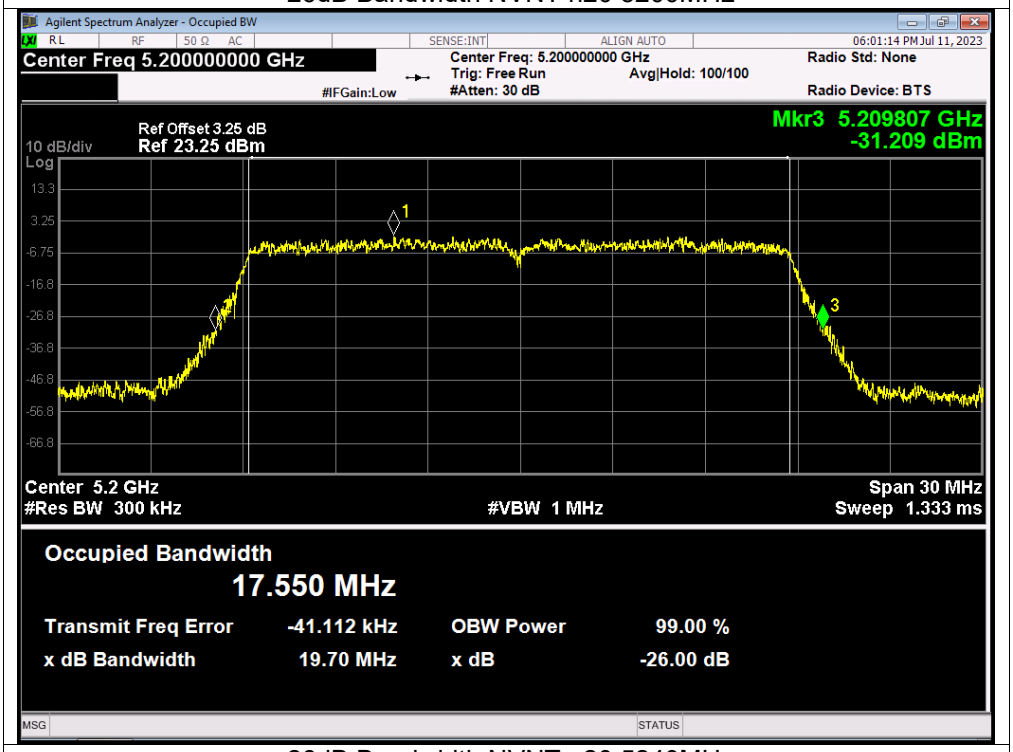
-26dB Bandwidth NVNT a 5240MHz



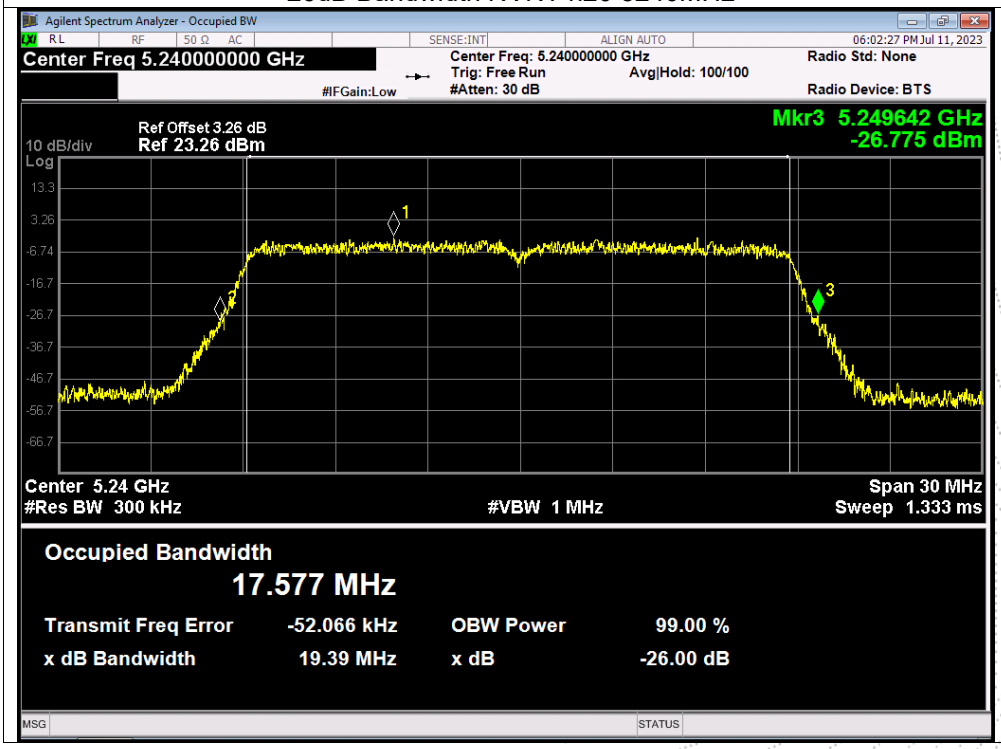
-26dB Bandwidth NVNT n20 5180MHz



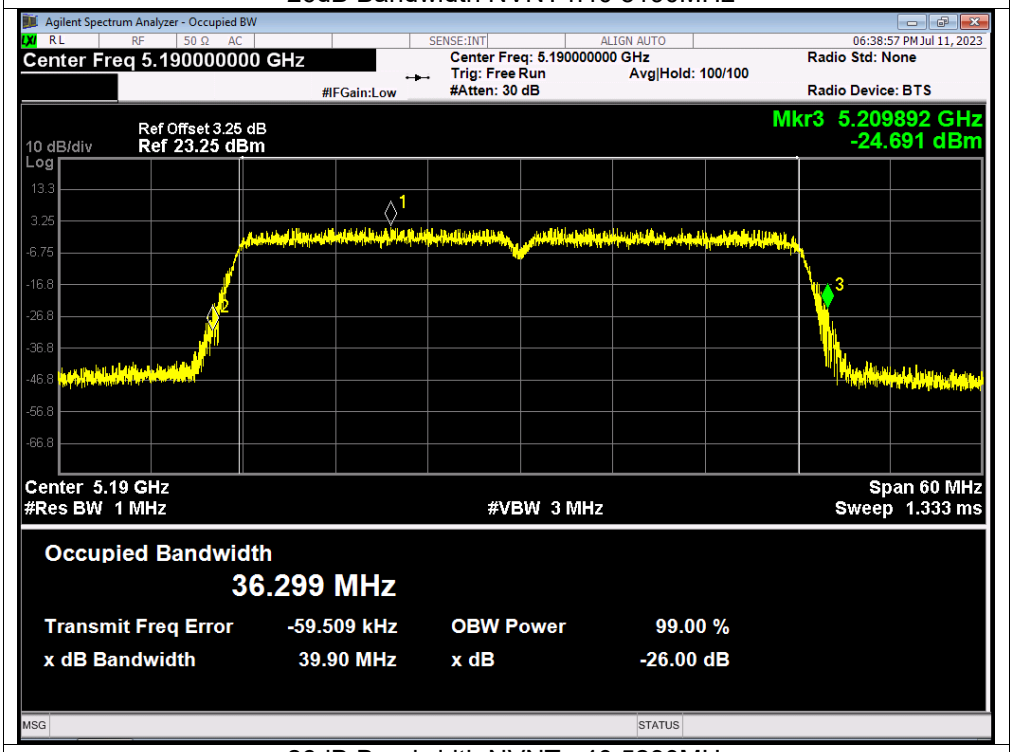
-26dB Bandwidth NVNT n20 5200MHz



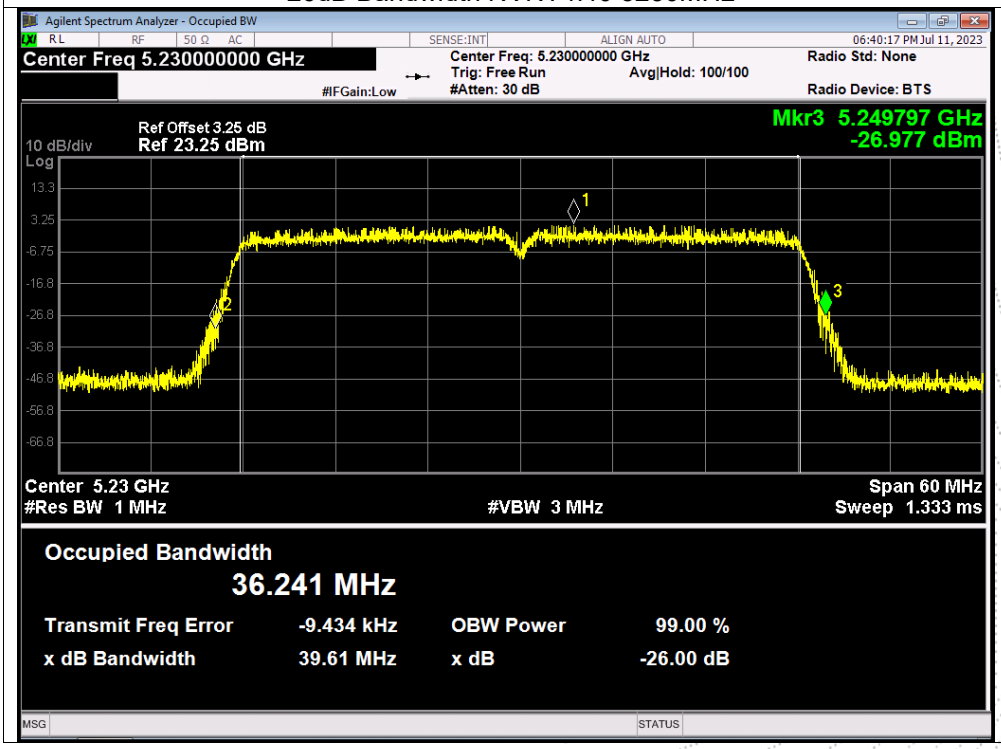
-26dB Bandwidth NVNT n20 5240MHz



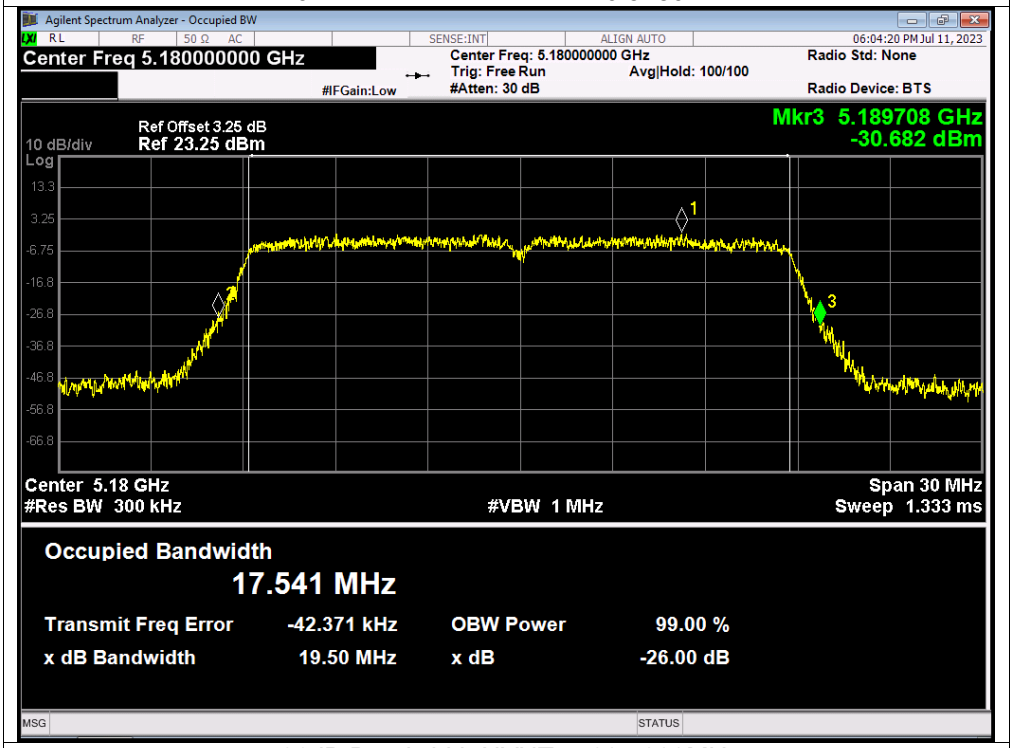
-26dB Bandwidth NVNT n40 5190MHz



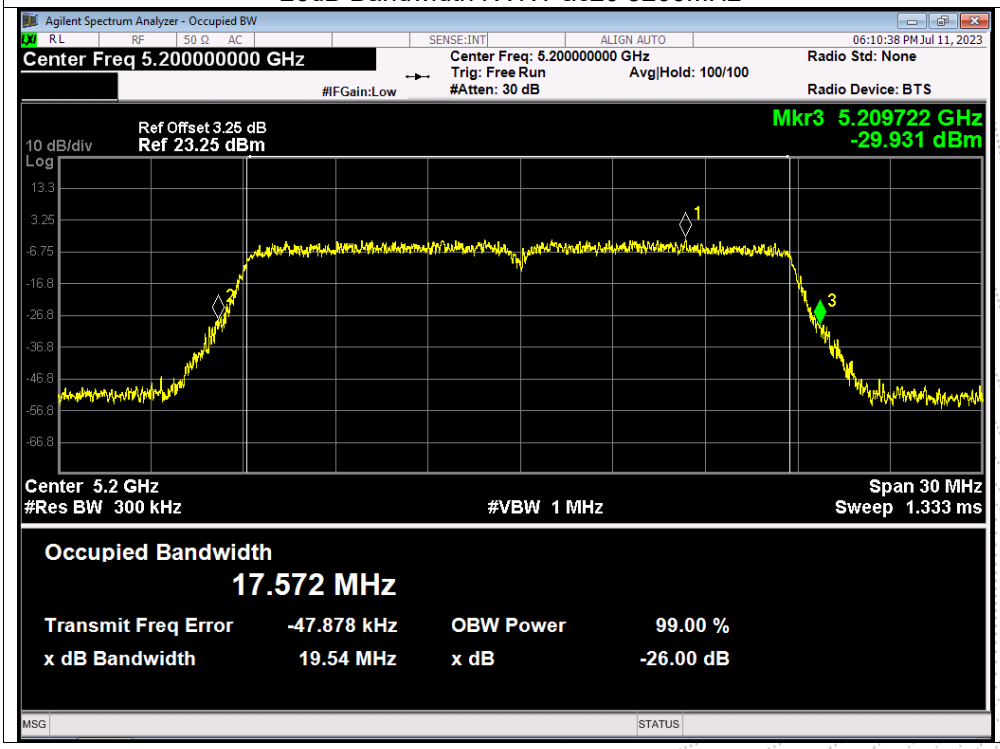
-26dB Bandwidth NVNT n40 5230MHz



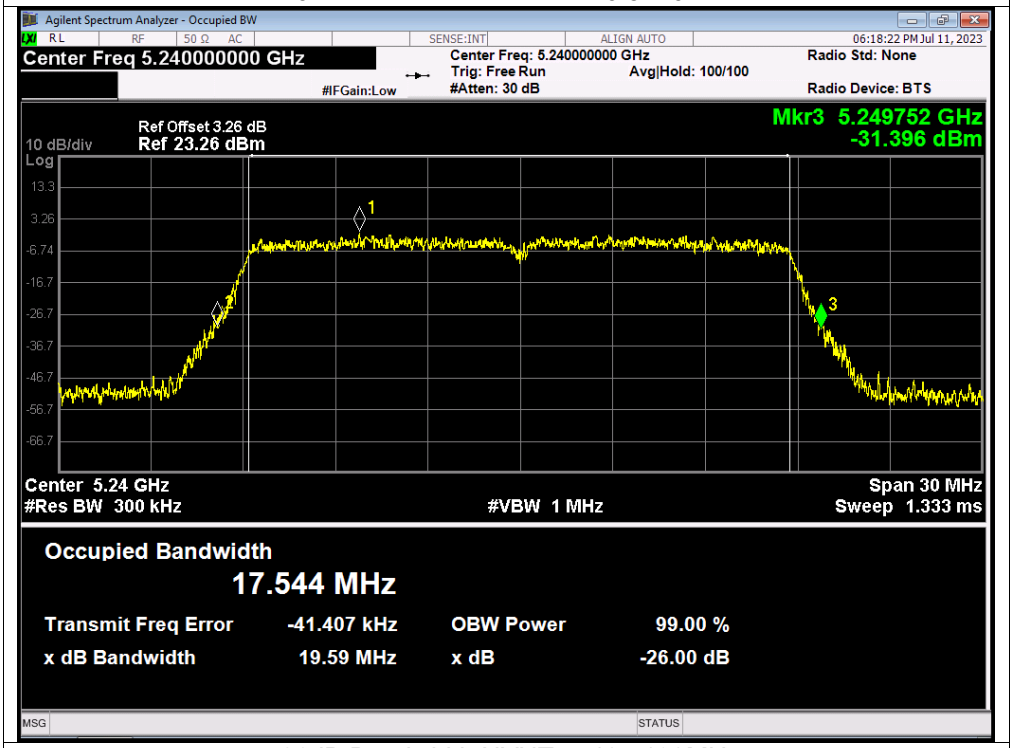
-26dB Bandwidth NVNT ac20 5180MHz



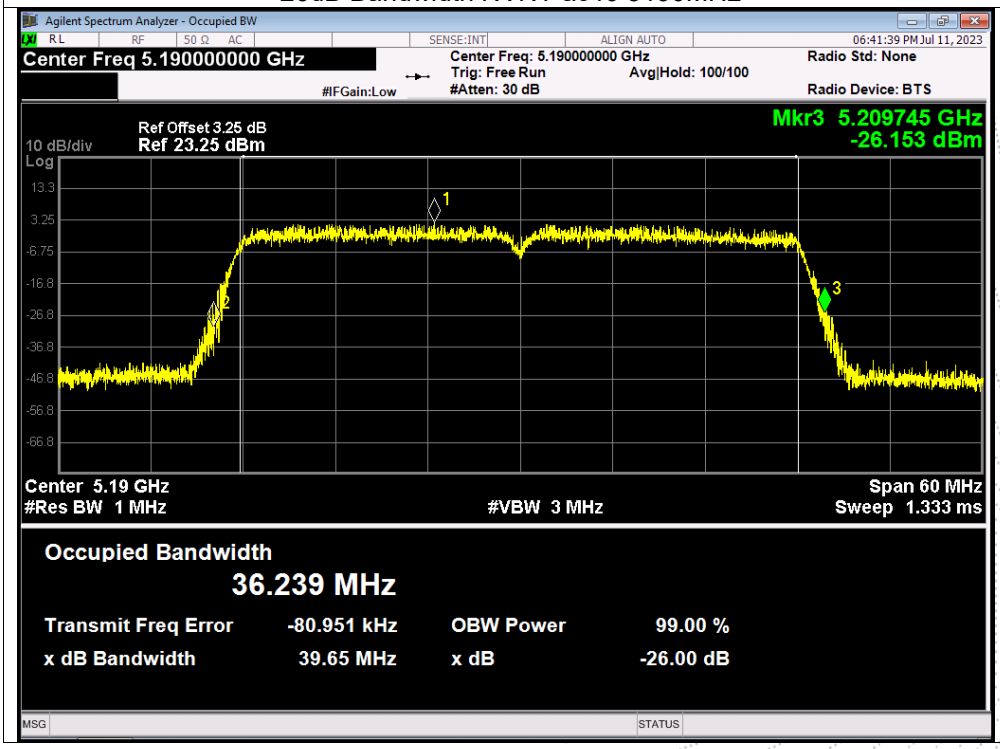
-26dB Bandwidth NVNT ac20 5200MHz



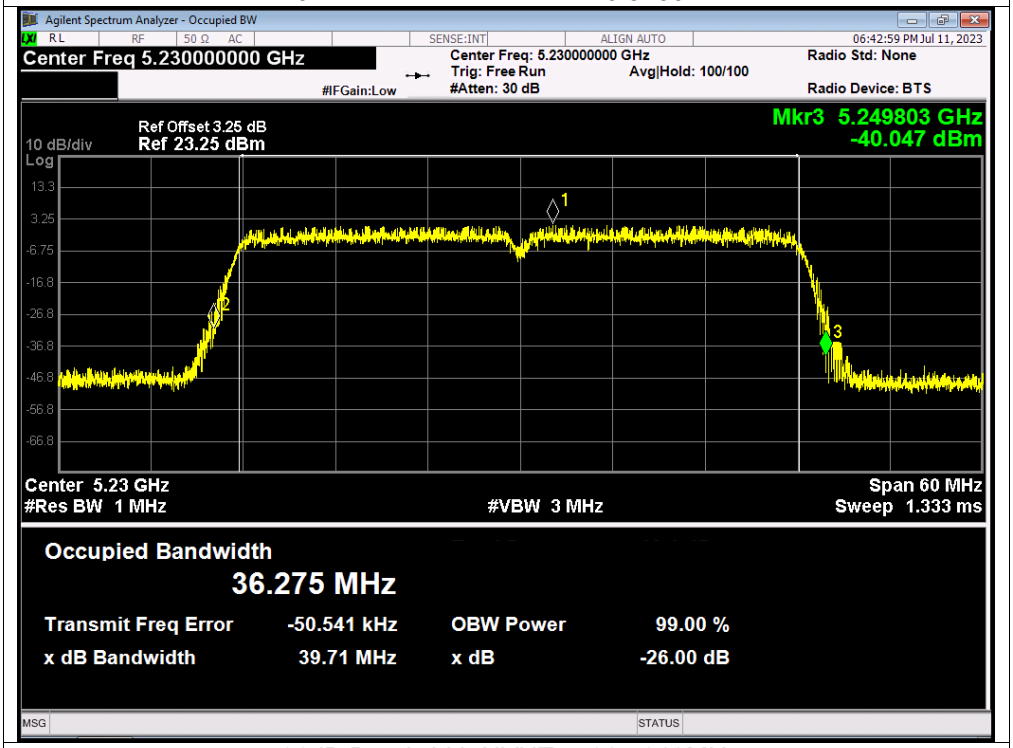
-26dB Bandwidth NVNT ac20 5240MHz



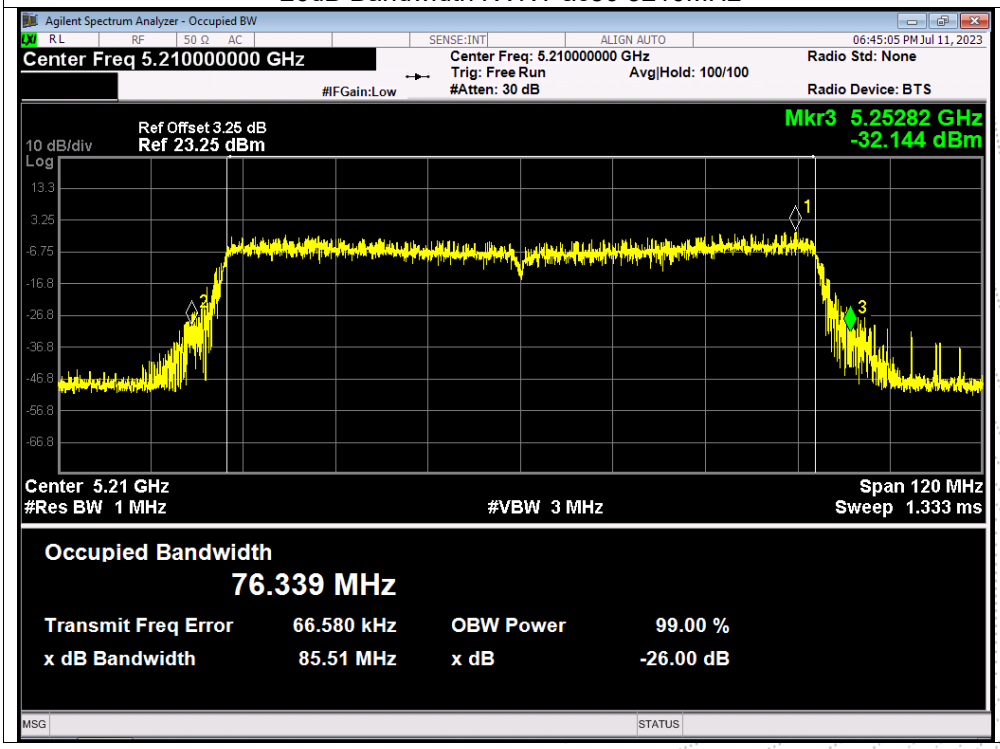
-26dB Bandwidth NVNT ac40 5190MHz



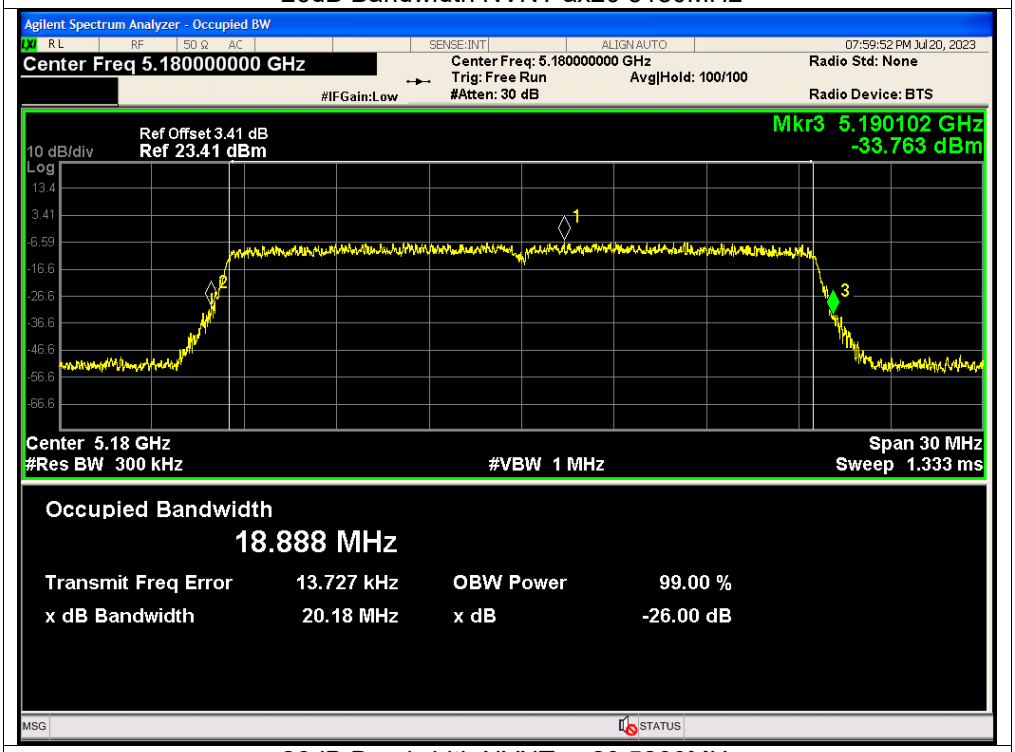
-26dB Bandwidth NVNT ac40 5230MHz



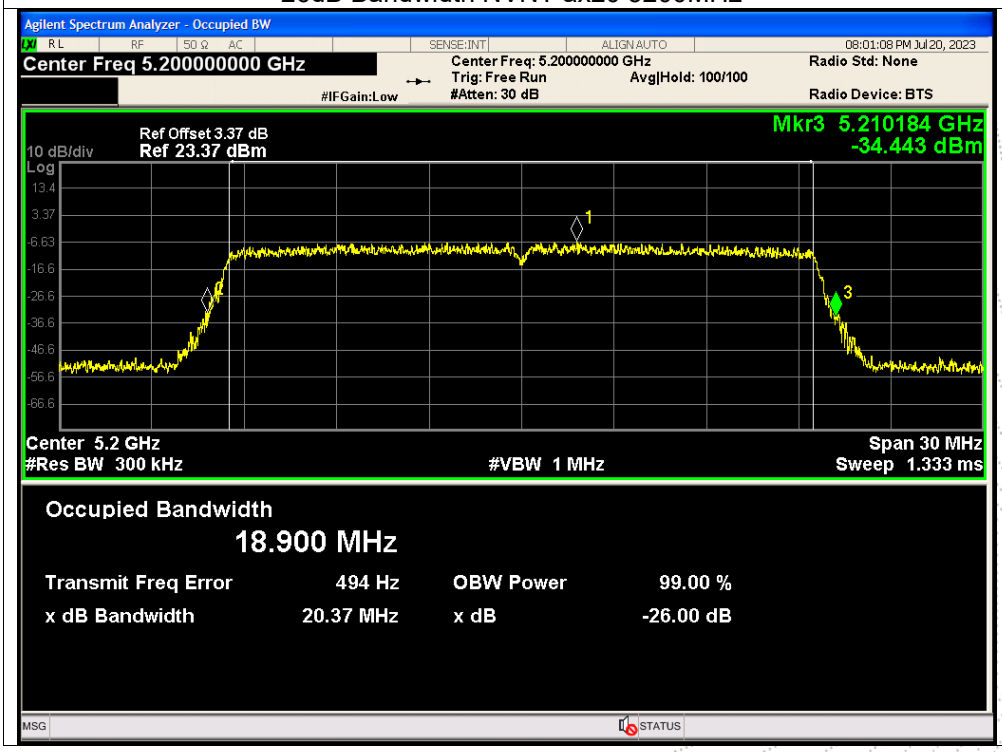
-26dB Bandwidth NVNT ac80 5210MHz



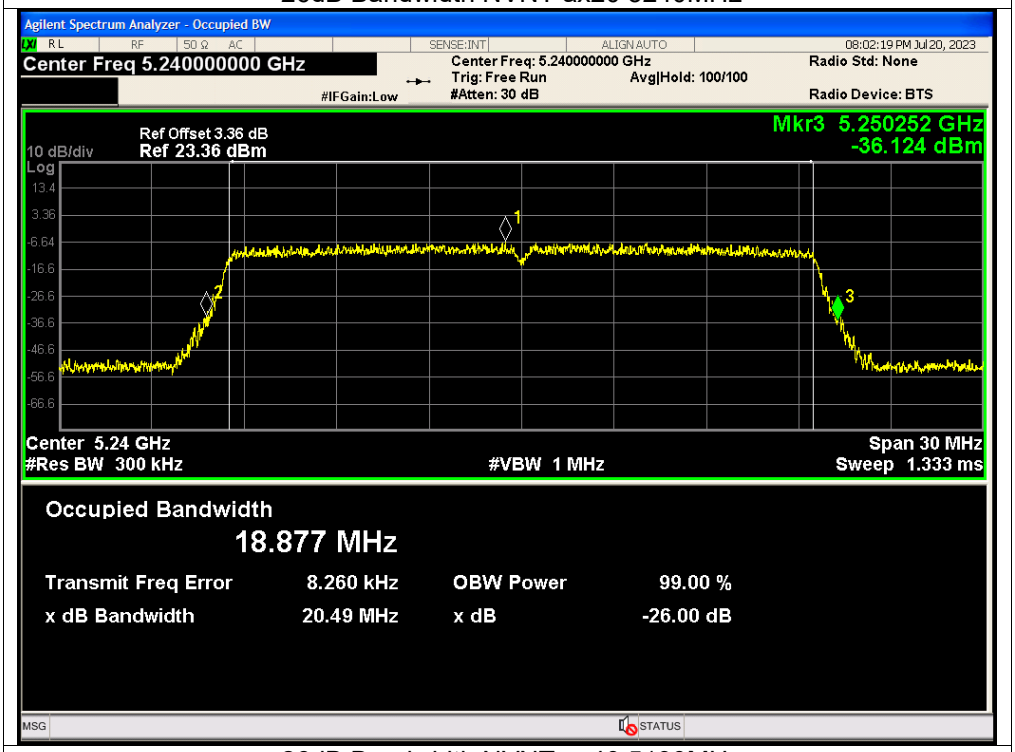
-26dB Bandwidth NVNT ax20 5180MHz



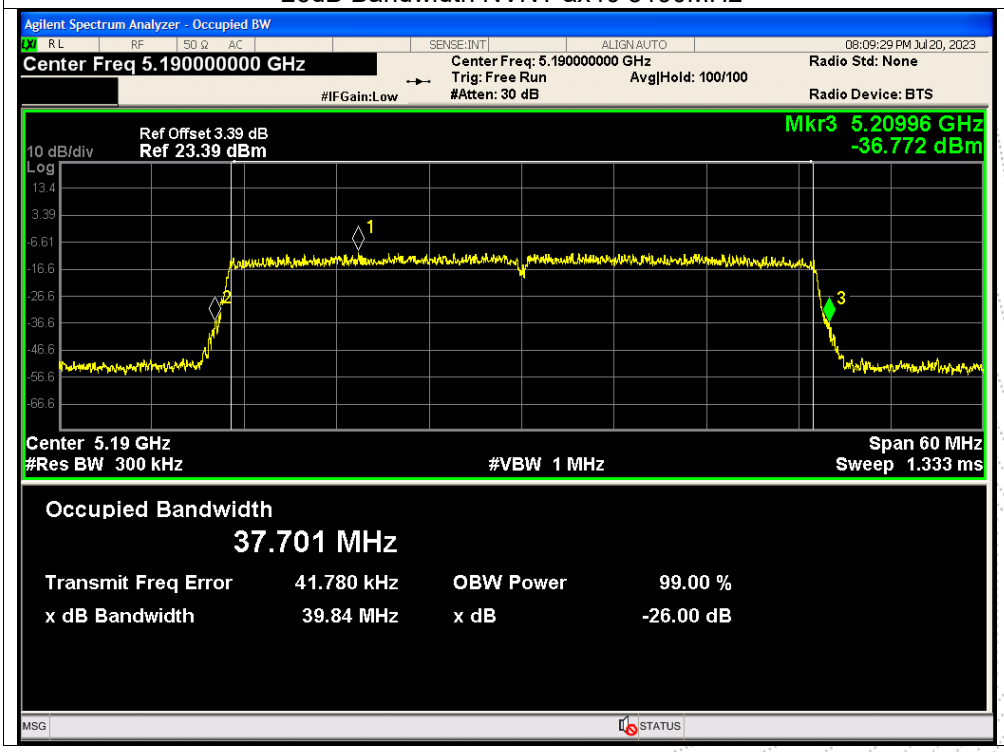
-26dB Bandwidth NVNT ax20 5200MHz



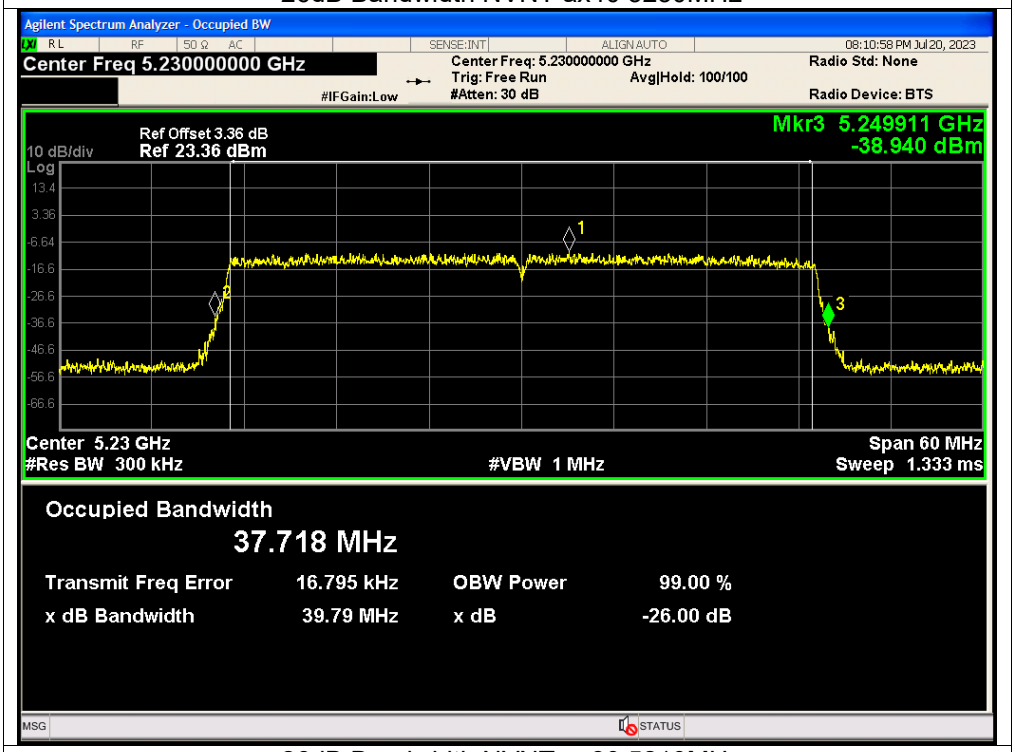
-26dB Bandwidth NVNT ax20 5240MHz



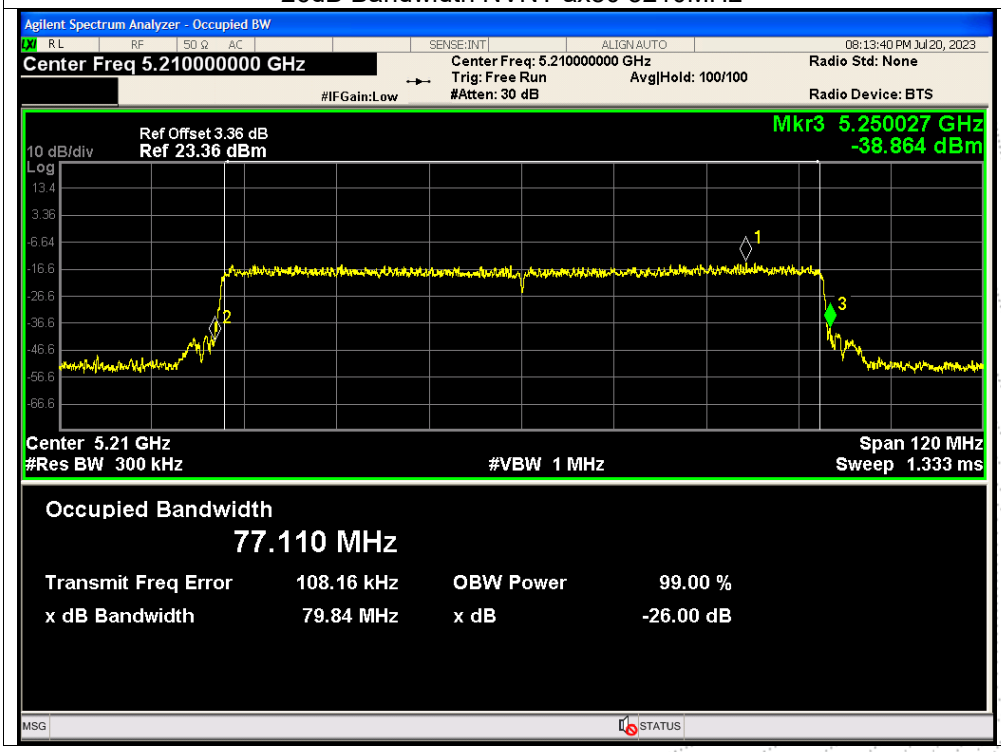
-26dB Bandwidth NVNT ax40 5190MHz



-26dB Bandwidth NVNT ax40 5230MHz

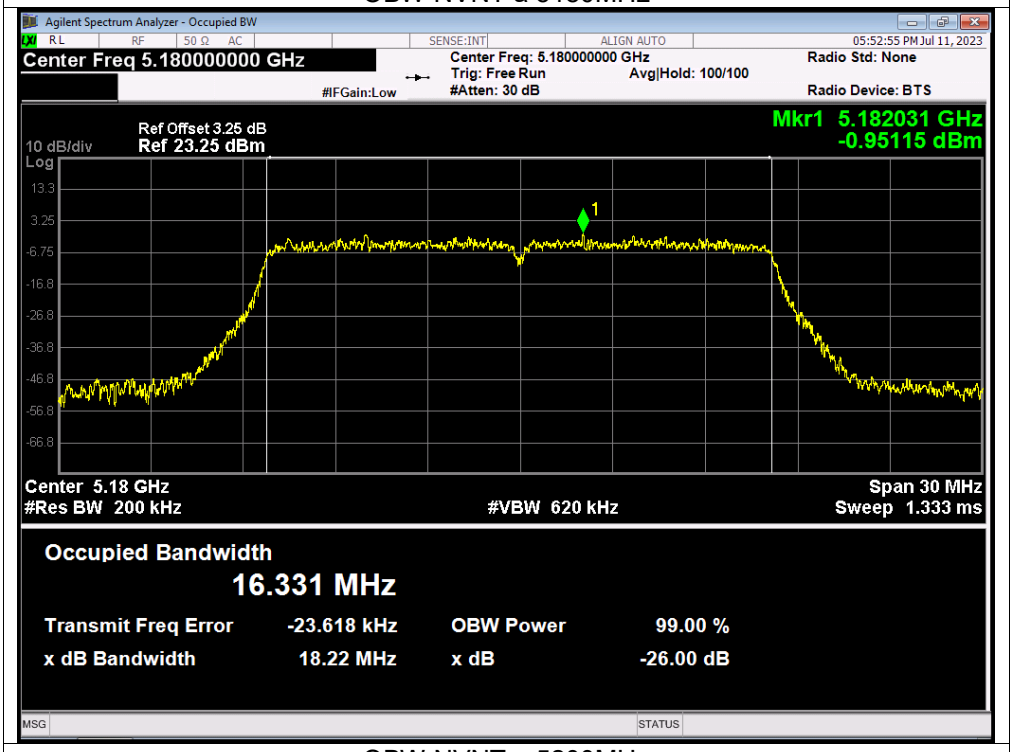


-26dB Bandwidth NVNT ax80 5210MHz

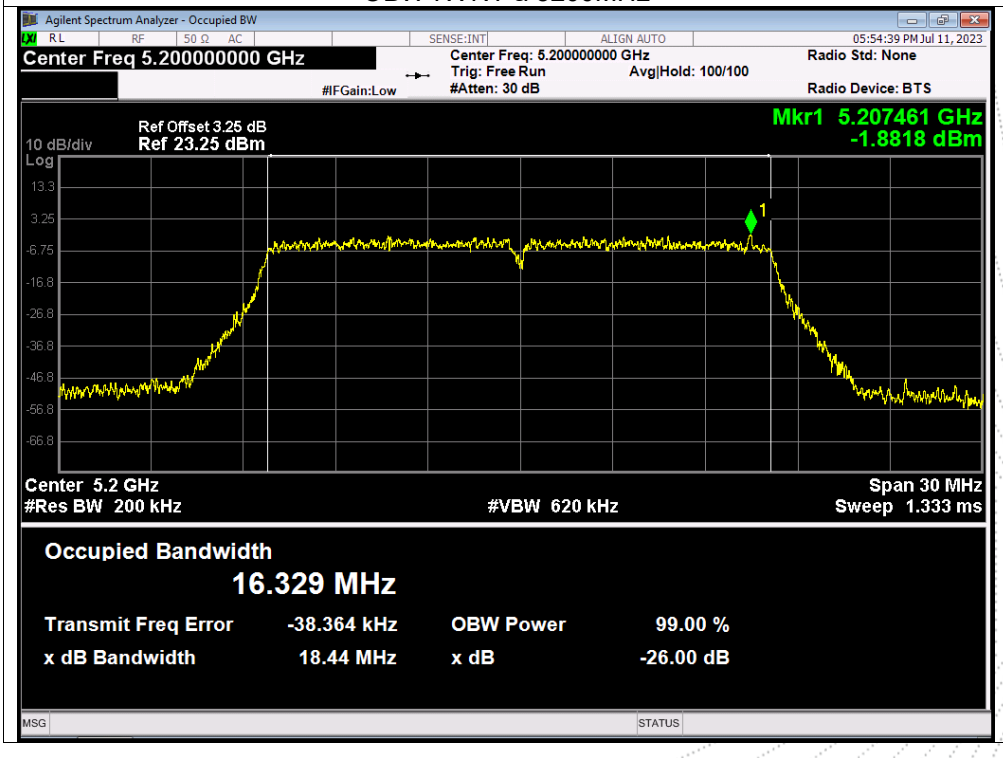


Test Graphs

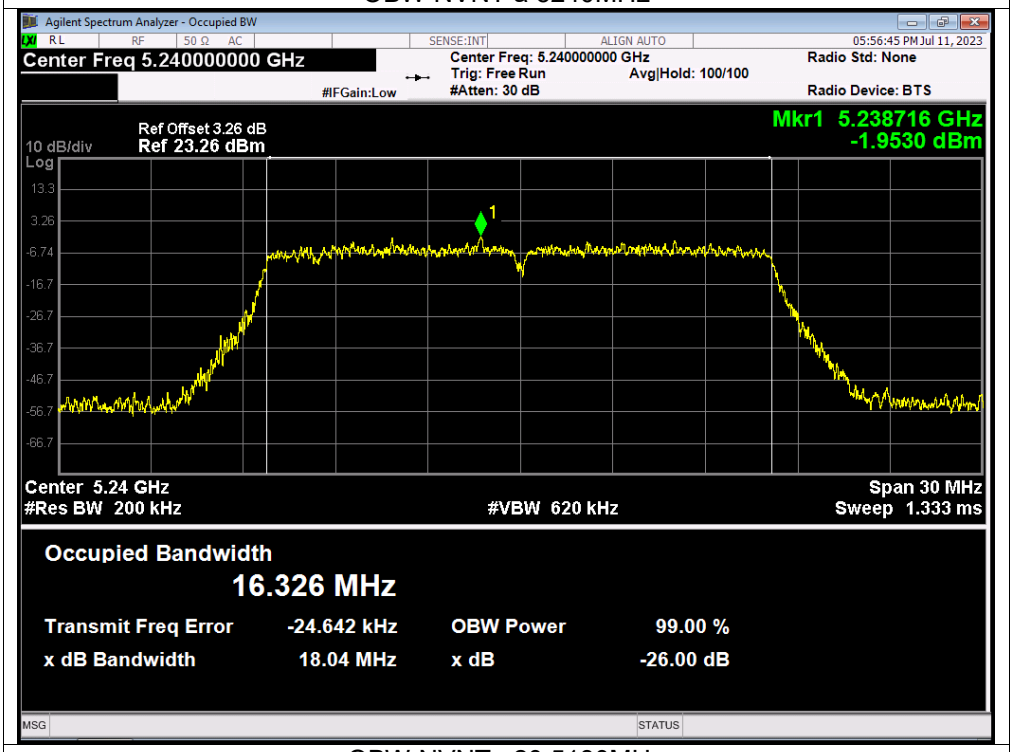
OBW NVNT a 5180MHz



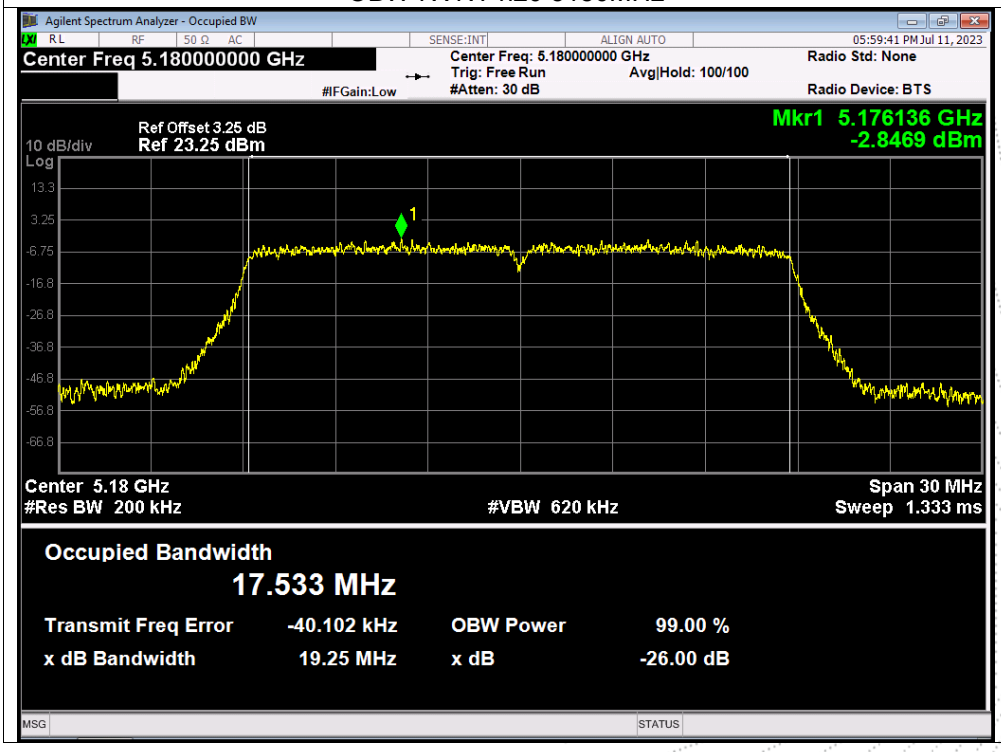
OBW NVNT a 5200MHz



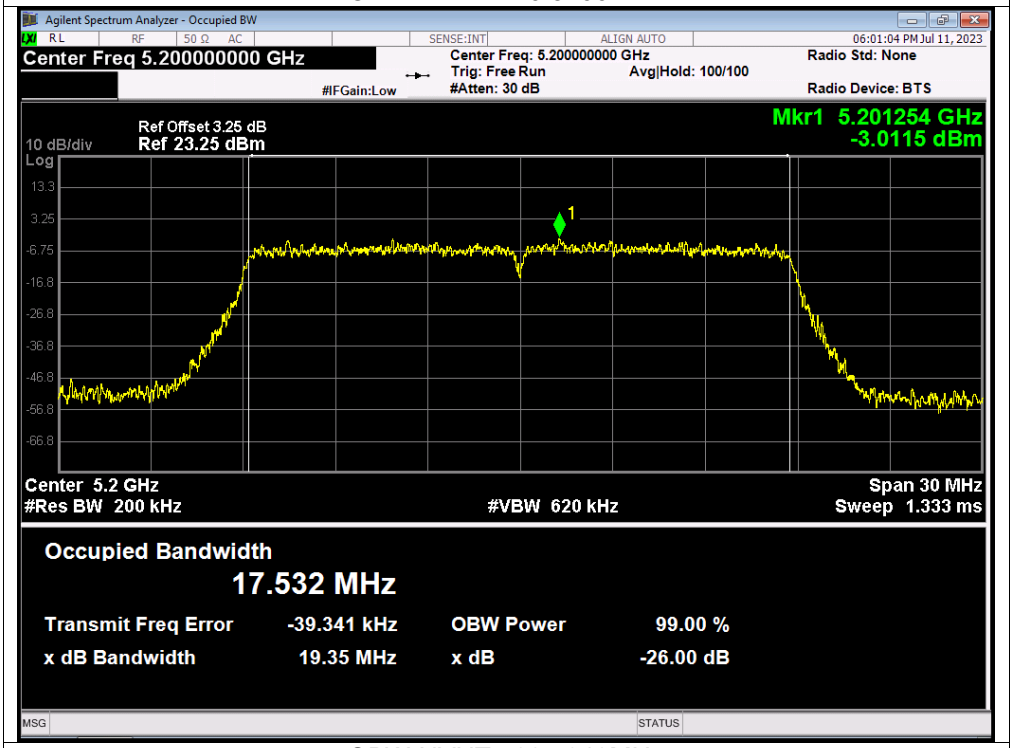
OBW NVNT a 5240MHz



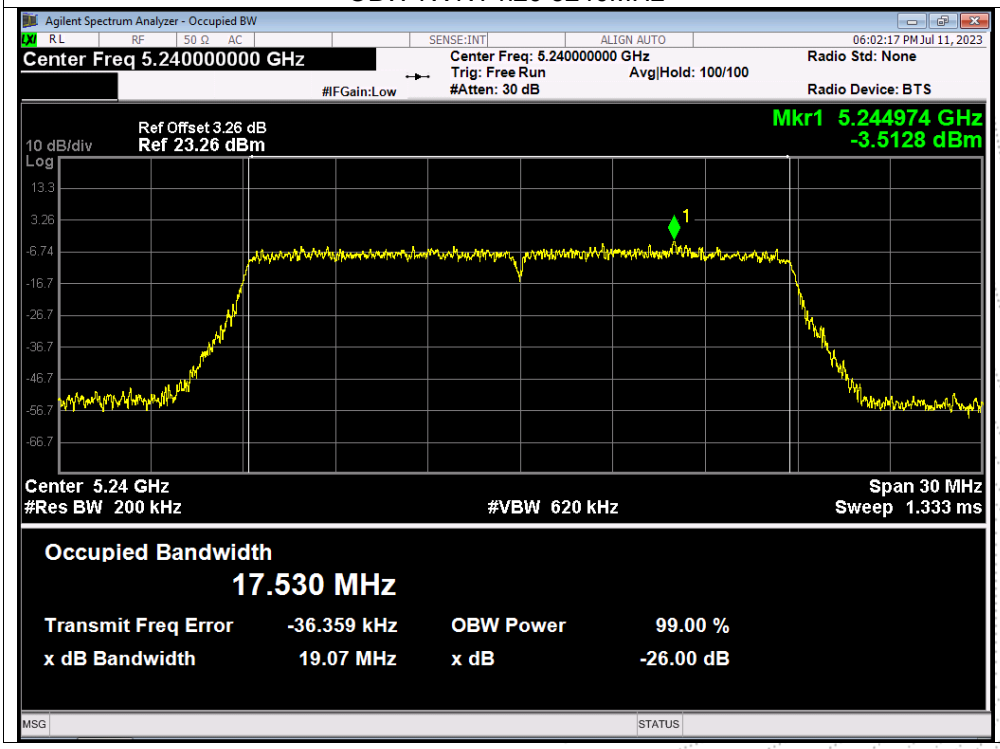
OBW NVNT n20 5180MHz



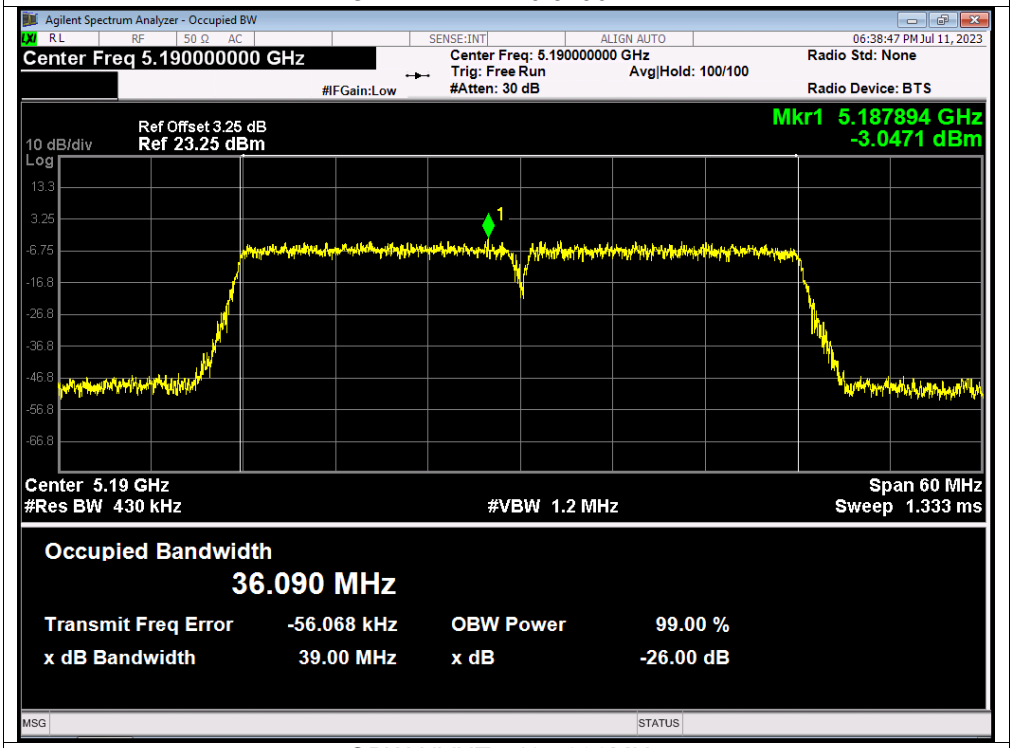
OBW NVNT n20 5200MHz



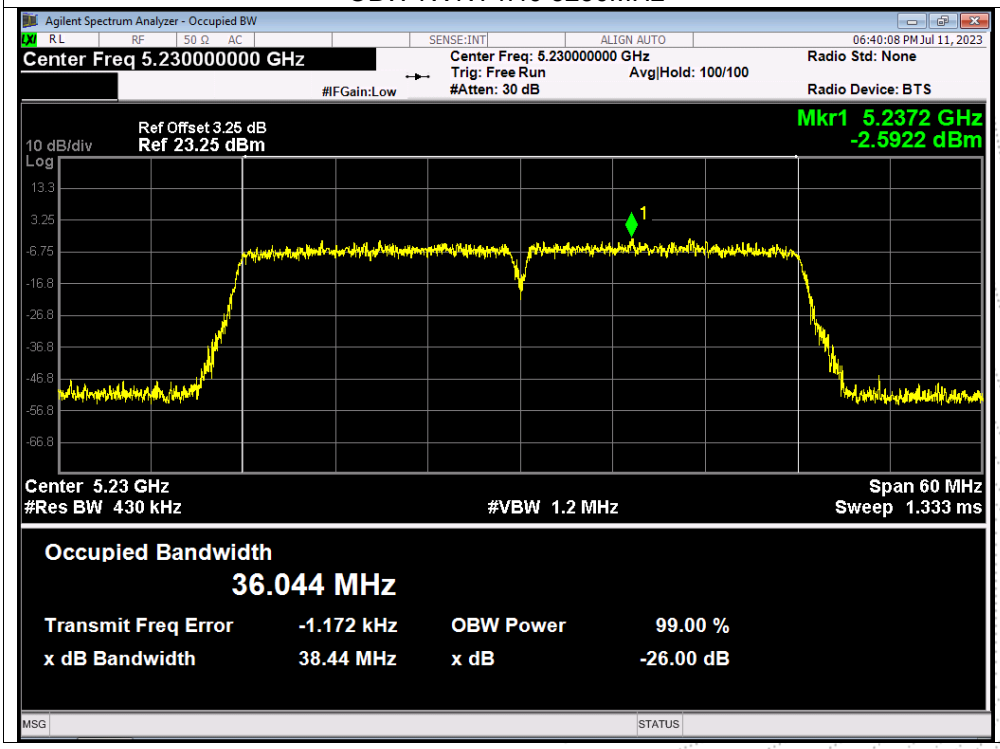
OBW NVNT n20 5240MHz



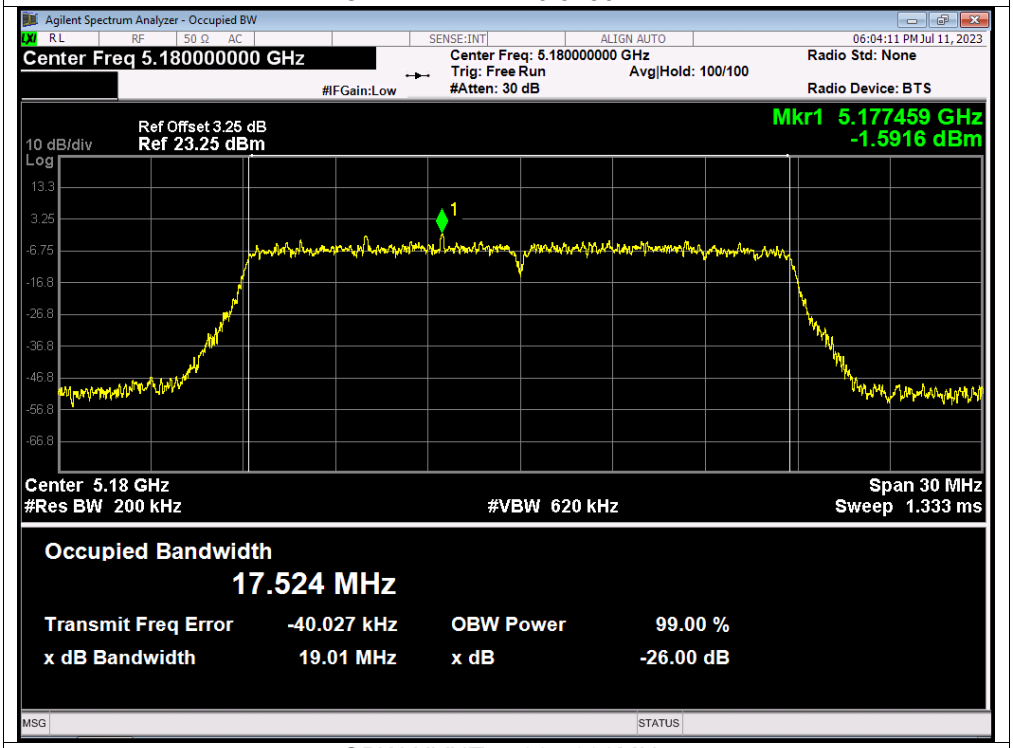
OBW NVNT n40 5190MHz



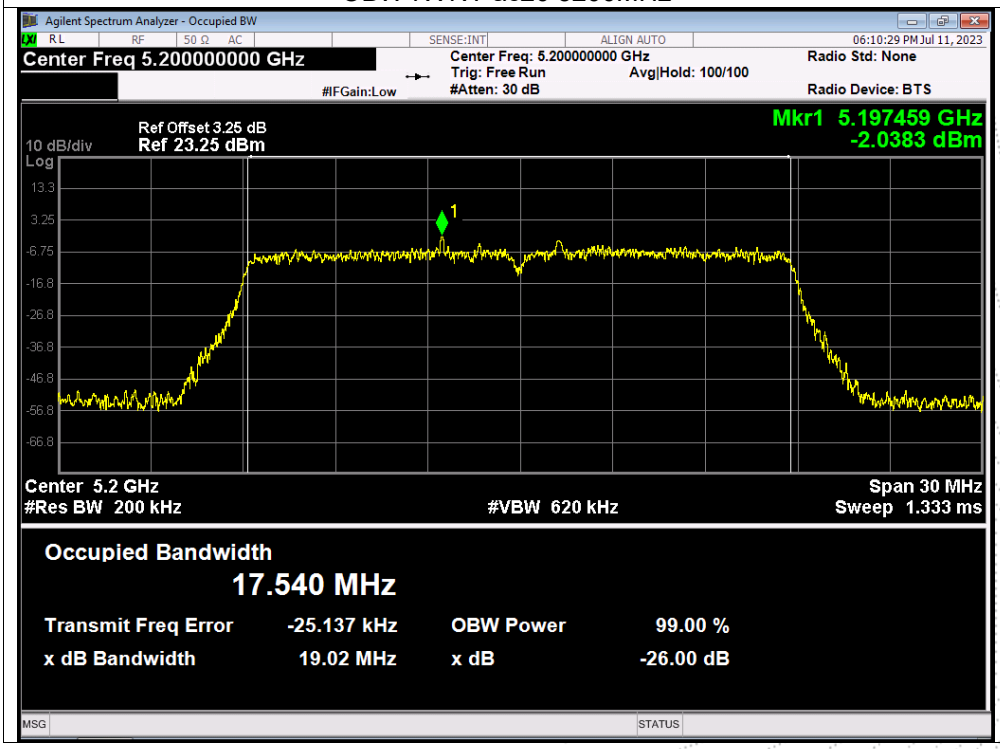
OBW NVNT n40 5230MHz



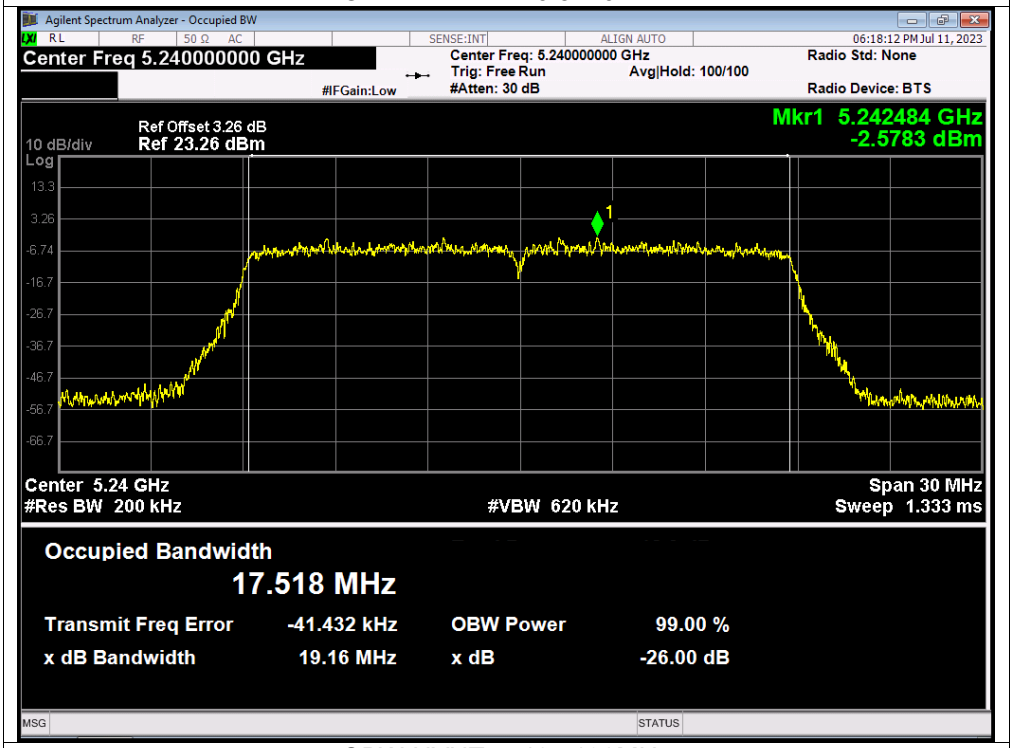
OBW NVNT ac20 5180MHz



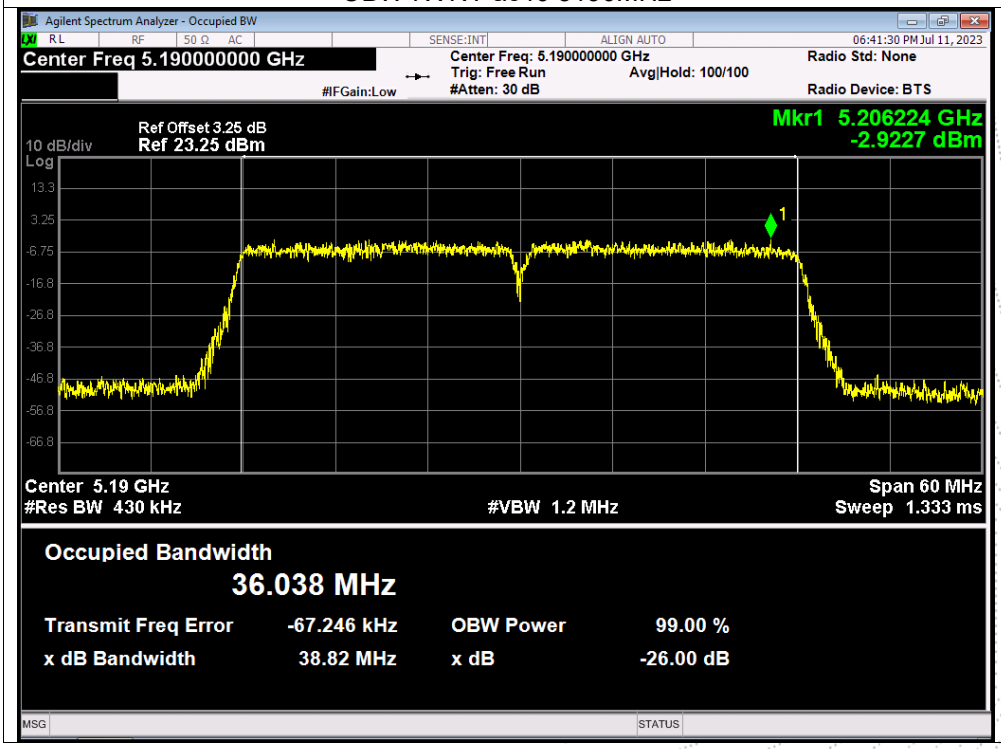
OBW NVNT ac20 5200MHz



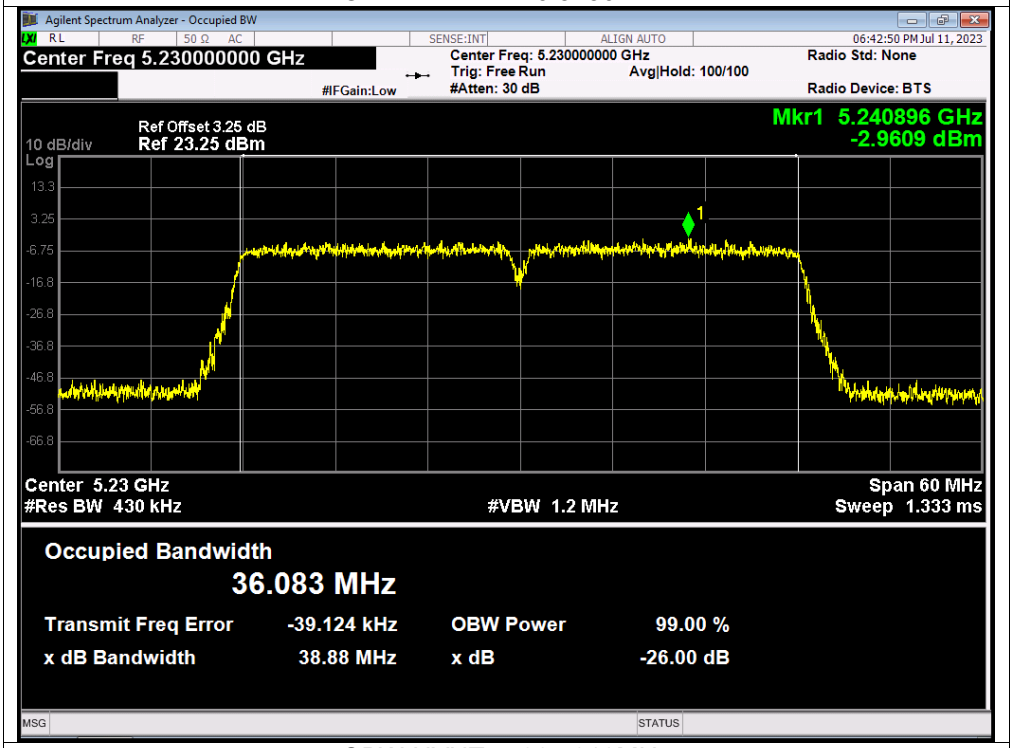
OBW NVNT ac20 5240MHz



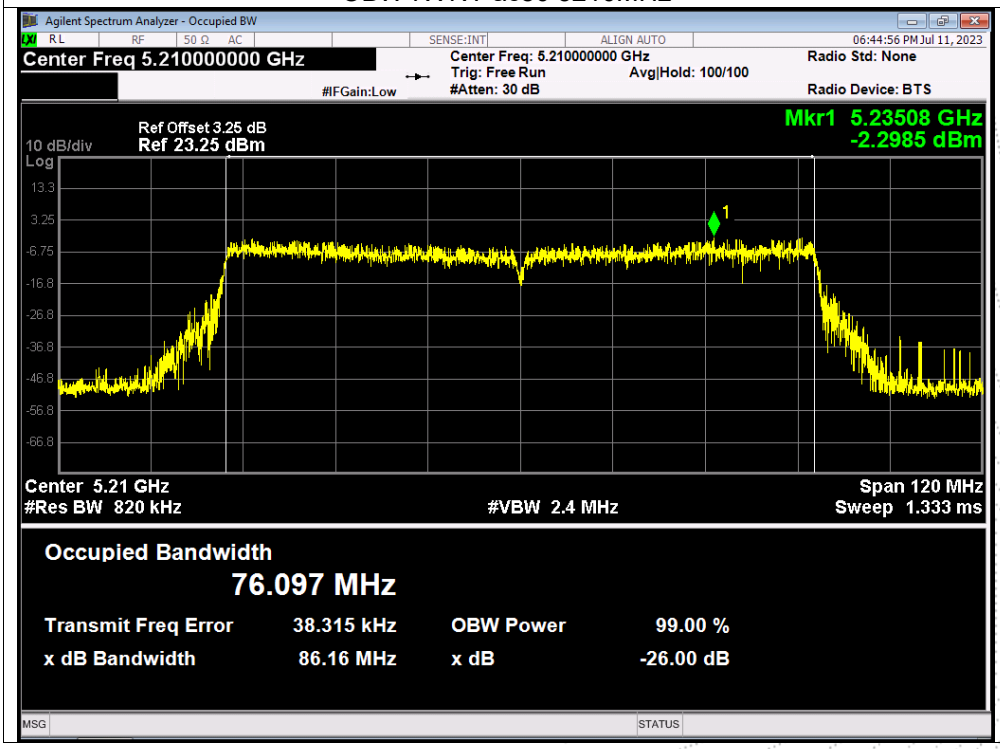
OBW NVNT ac40 5190MHz



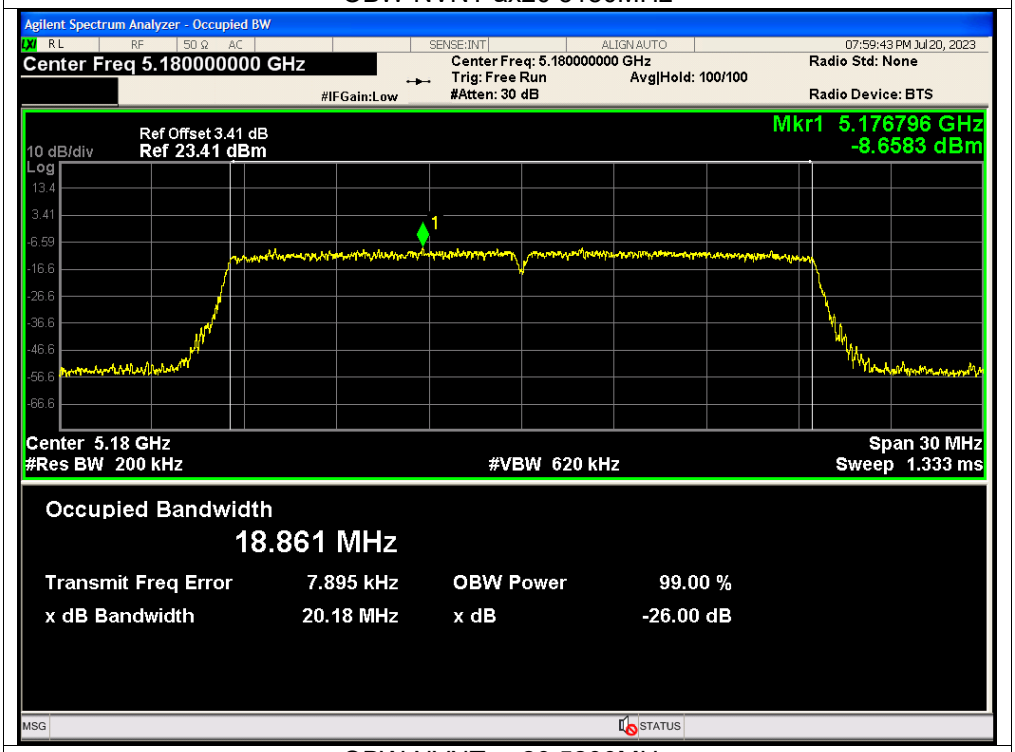
OBW NVNT ac40 5230MHz



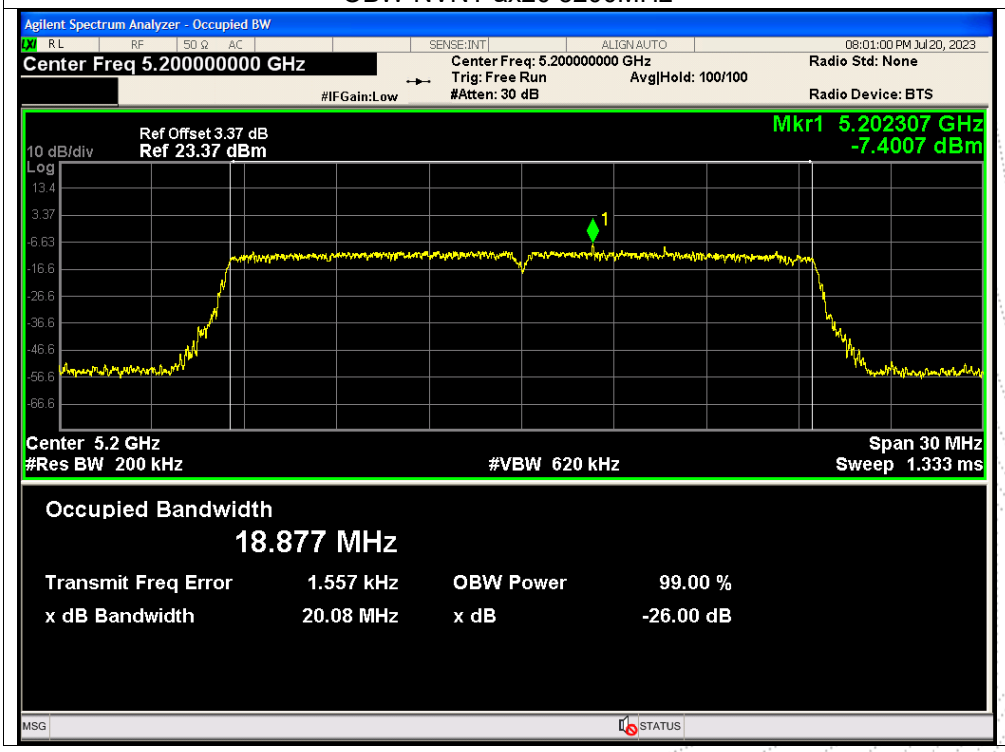
OBW NVNT ac80 5210MHz



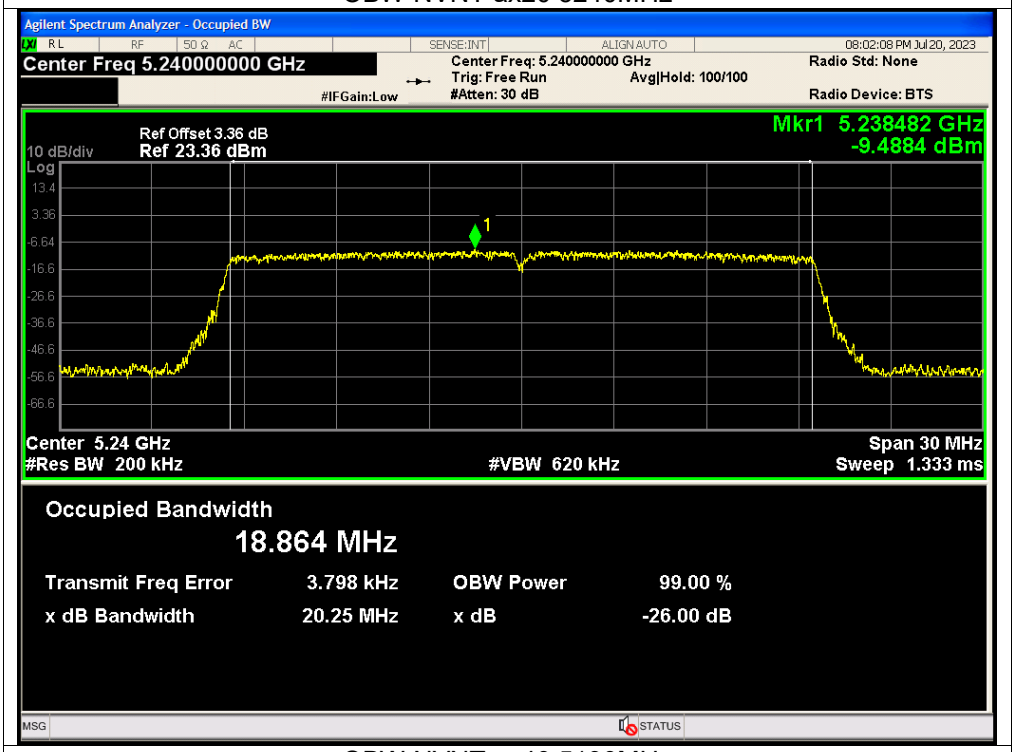
OBW NVNT ax20 5180MHz



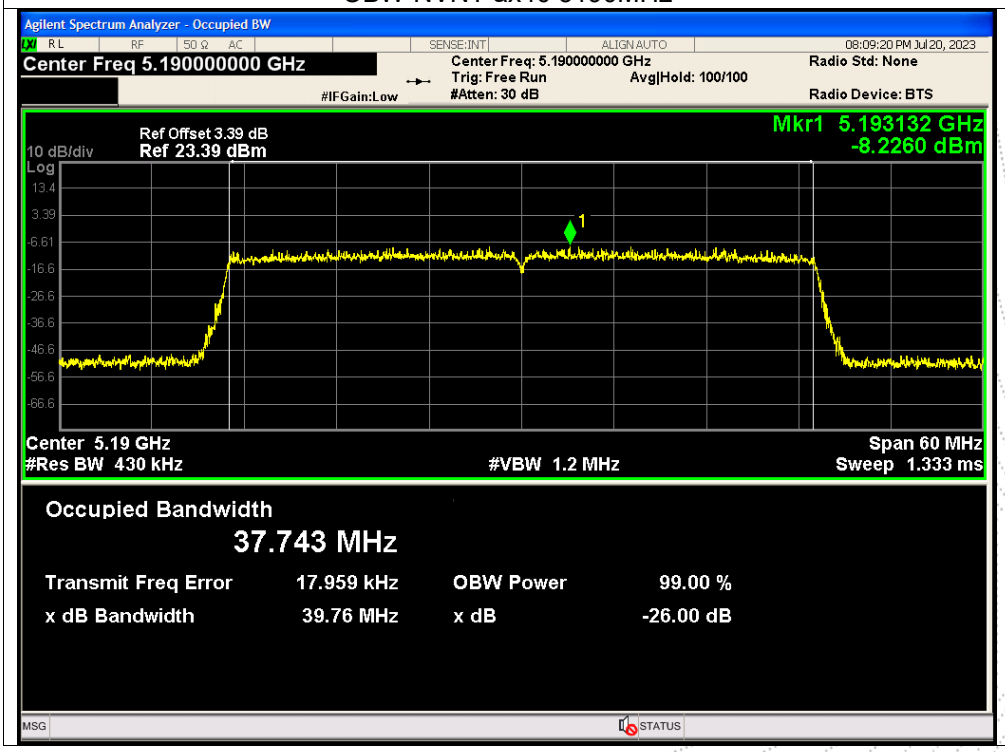
OBW NVNT ax20 5200MHz



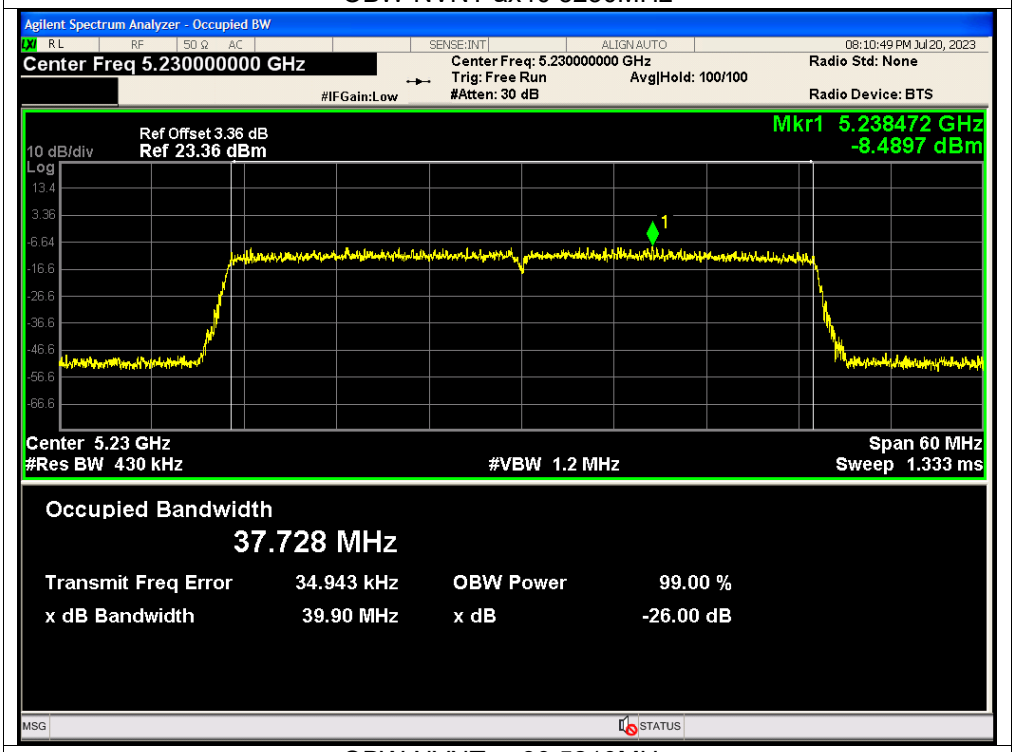
OBW NVNT ax20 5240MHz



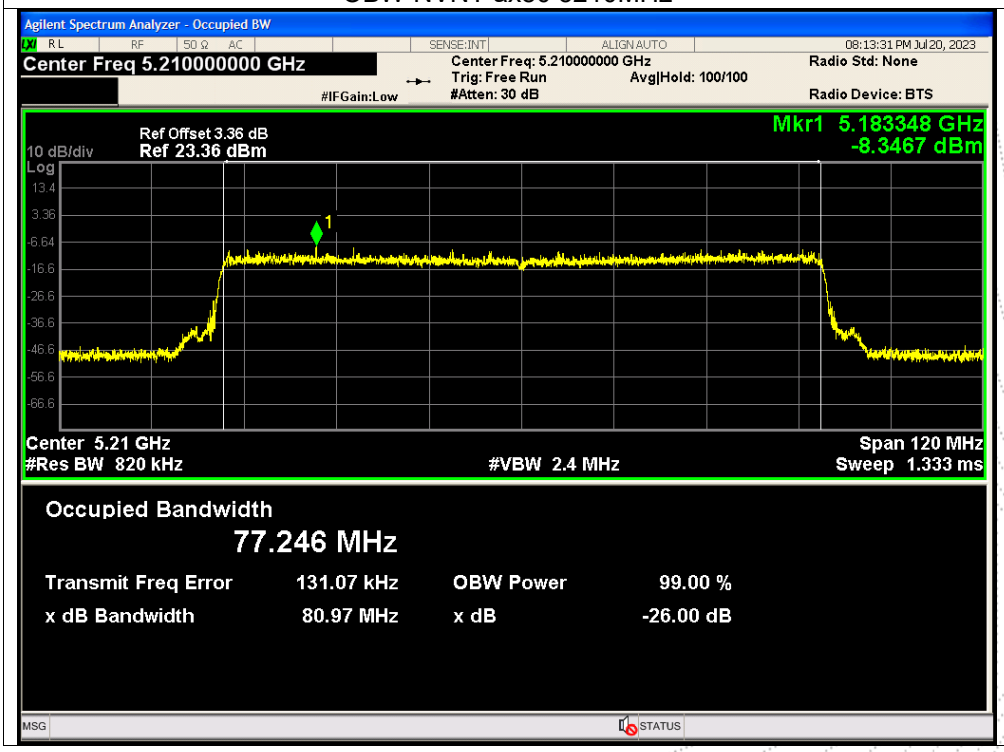
OBW NVNT ax40 5190MHz



OBW NVNT ax40 5230MHz



OBW NVNT ax80 5210MHz



Temperature：	26 ℃	Relative Humidity：	54%
Pressure：	101kPa	Test Voltage ：	DC 5V
Test Mode ：	TX Frequency U-NII-3(5745-5825MHz)		

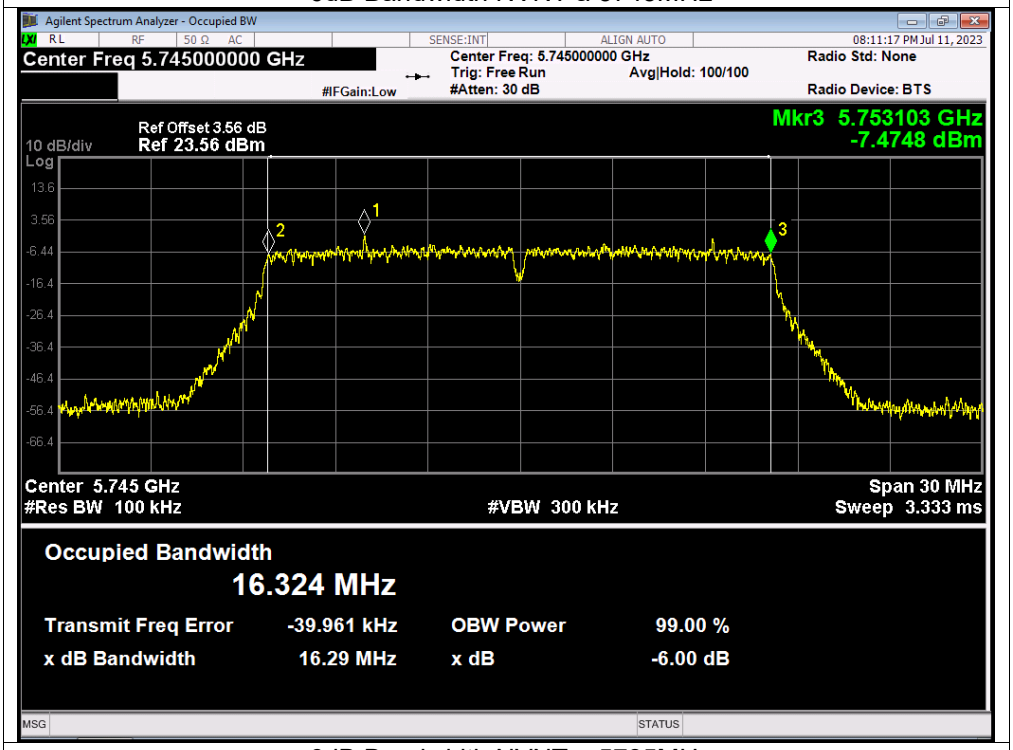
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna B, only shown Antenna B Plot.

Mode	Channel	Frequency (MHz)	99% bandwidth (MHz)	-6dB bandwidth (MHz)	Limit -6dB bandwidth MHz	Result
			ANT A	ANT A		
802.11a	CH149	5745	16.34	15.929	≥500	Pass
	CH157	5785	16.364	16.286	≥500	Pass
	CH165	5825	16.358	16.418	≥500	Pass
802.11 n20	CH149	5745	17.518	17.62	≥500	Pass
	CH157	5785	17.535	17.548	≥500	Pass
	CH165	5825	17.537	16.875	≥500	Pass
802.11 n40	CH151	5755	35.988	35.064	≥500	Pass
	CH159	5795	36.041	35.454	≥500	Pass
802.11 ac20	CH149	5745	17.529	17.583	≥500	Pass
	CH157	5785	17.515	17.538	≥500	Pass
	CH165	5825	17.537	17.553	≥500	Pass
802.11 ac40	CH151	5755	35.993	35.304	≥500	Pass
	CH159	5795	36.027	34.099	≥500	Pass
802.11 ac80	CH155	5775	75.975	76.276	≥500	Pass
802.11 ax20	CH149	5745	18.886	18.963	≥500	Pass
	CH157	5785	18.861	19.001	≥500	Pass
	CH165	5825	18.86	18.921	≥500	Pass
802.11 ax40	CH151	5755	37.695	38.053	≥500	Pass
	CH159	5795	37.683	37.945	≥500	Pass
802.11 ax80	CH155	5775	76.711	77.62	≥500	Pass

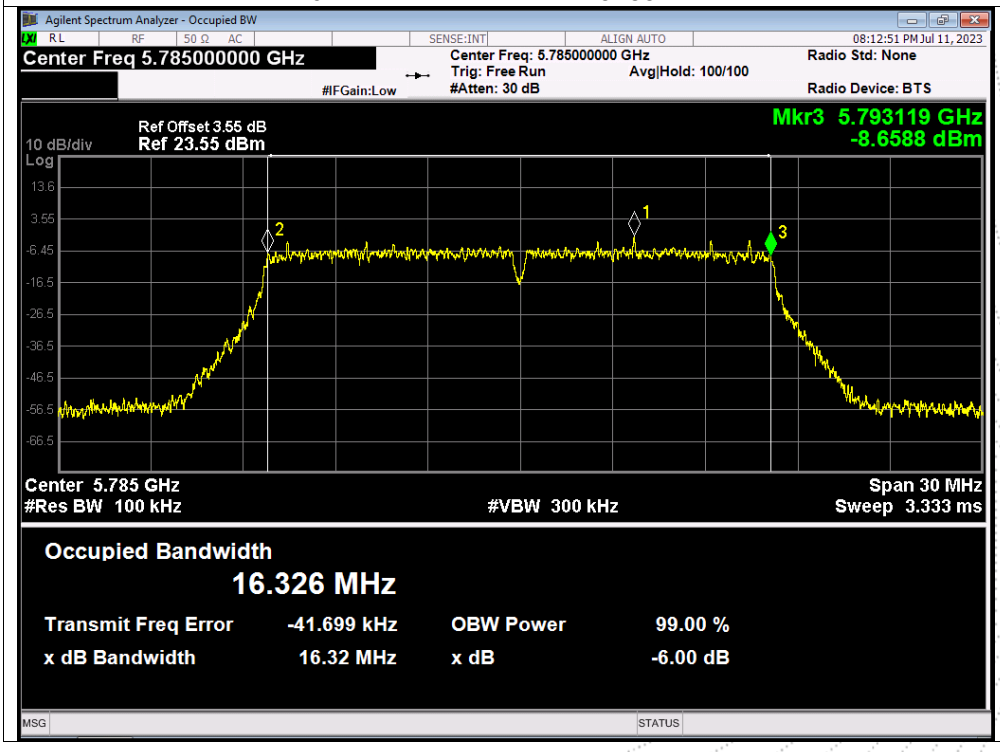
Mode	Channel	Frequency (MHz)	99% bandwidth (MHz)	-6dB bandwidth (MHz)	Limit -6dB bandwidth MHz	Result
			ANT B	ANT B		
802.11a	CH149	5745	16.38	16.286	≥500	Pass
	CH157	5785	16.341	16.32	≥500	Pass
	CH165	5825	16.341	16.279	≥500	Pass
802.11 n20	CH149	5745	17.498	17.14	≥500	Pass
	CH157	5785	17.513	17.308	≥500	Pass
	CH165	5825	17.526	16.953	≥500	Pass
802.11 n40	CH151	5755	36.045	36.304	≥500	Pass
	CH159	5795	36.049	35.087	≥500	Pass
802.11 ac20	CH149	5745	17.531	16.943	≥500	Pass
	CH157	5785	17.537	17.53	≥500	Pass
	CH165	5825	17.53	17.311	≥500	Pass
802.11 ac40	CH151	5755	36.039	35.3	≥500	Pass
	CH159	5795	36.017	35.245	≥500	Pass
802.11 ac80	CH155	5775	76.085	76.295	≥500	Pass
802.11 ax20	CH149	5745	18.872	18.989	≥500	Pass
	CH157	5785	18.856	18.953	≥500	Pass
	CH165	5825	18.895	19.036	≥500	Pass
802.11 ax40	CH151	5755	37.695	38.105	≥500	Pass
	CH159	5795	37.696	37.904	≥500	Pass
802.11 ax80	CH155	5775	76.752	77.335	≥500	Pass

Test Graphs

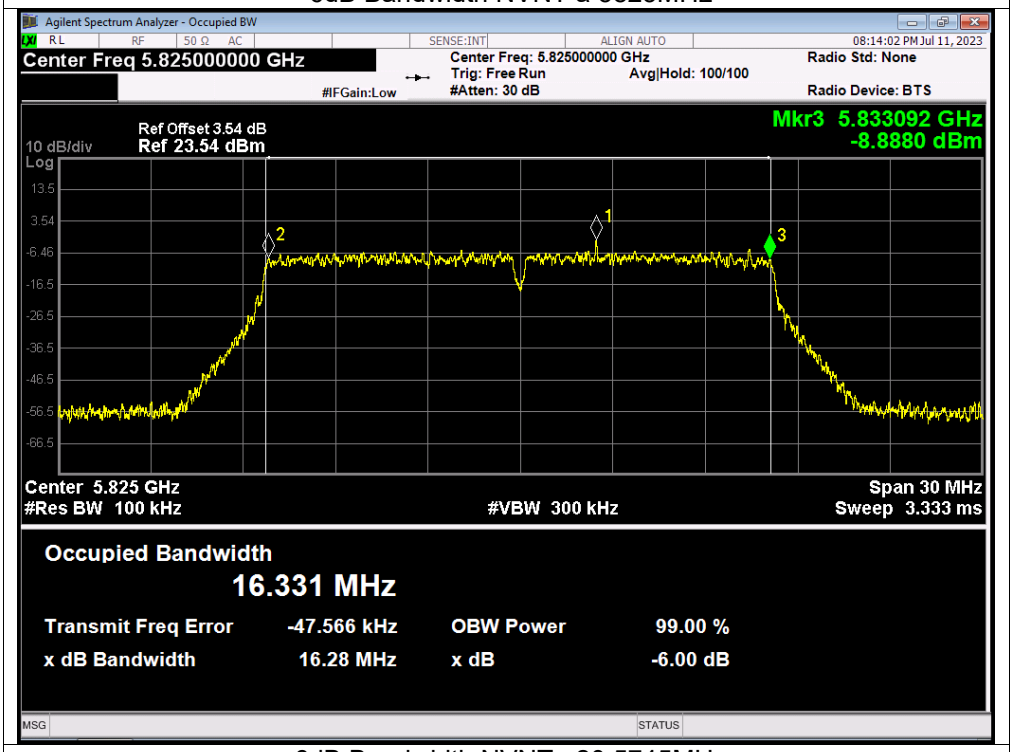
-6dB Bandwidth NVNT a 5745MHz



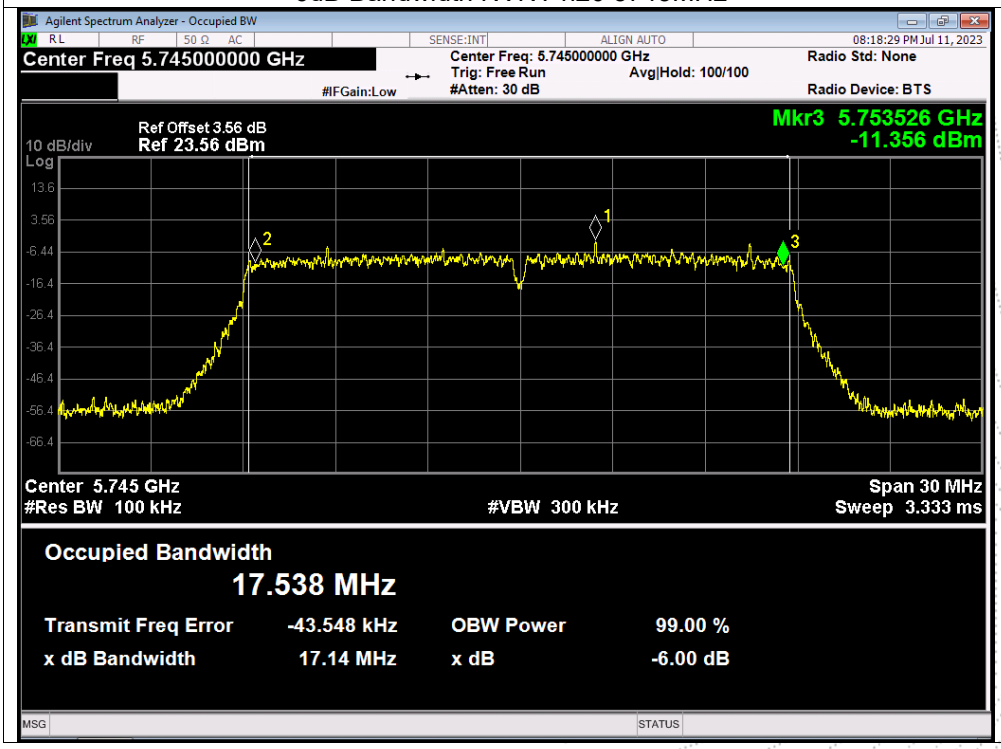
-6dB Bandwidth NVNT a 5785MHz



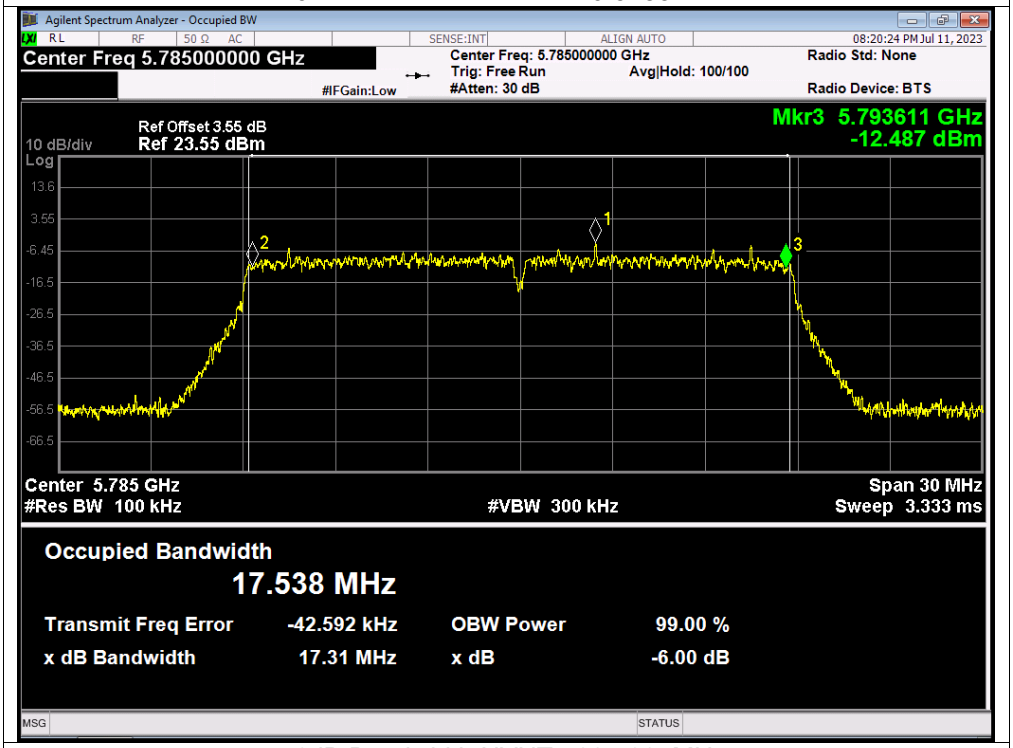
-6dB Bandwidth NVNT a 5825MHz



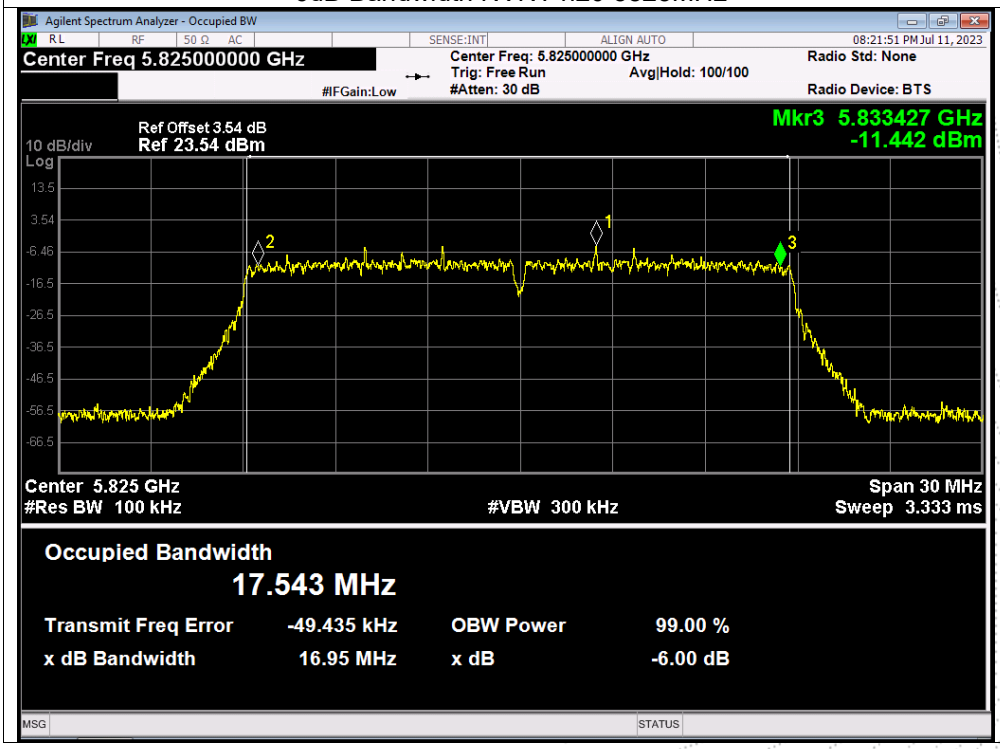
-6dB Bandwidth NVNT n20 5745MHz



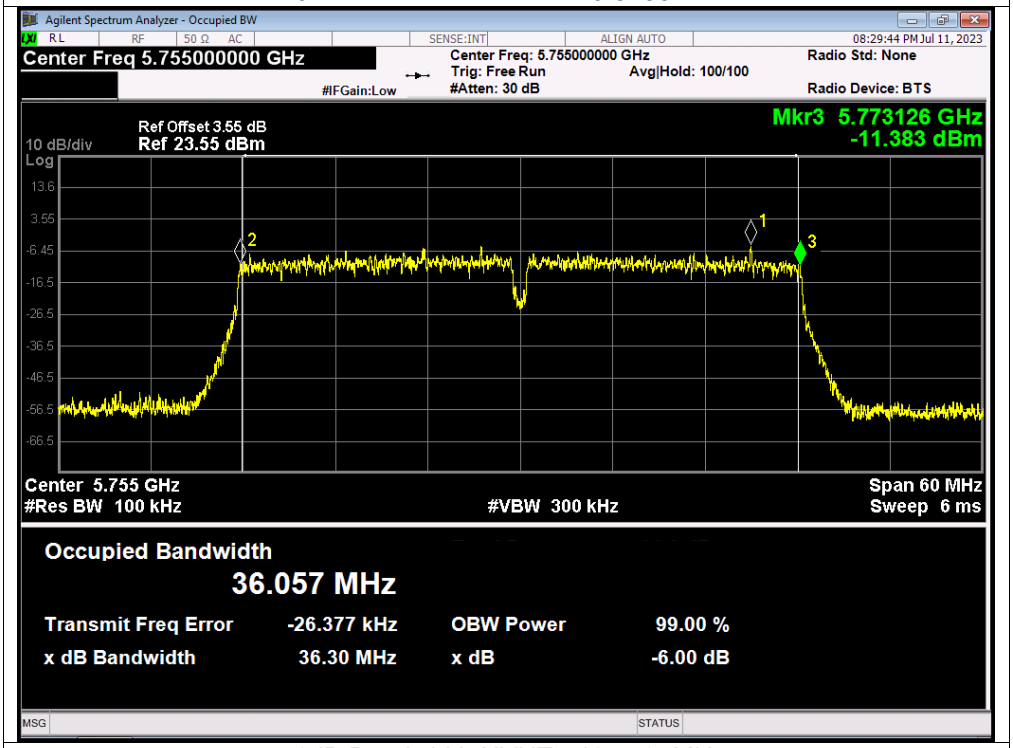
-6dB Bandwidth NVNT n20 5785MHz



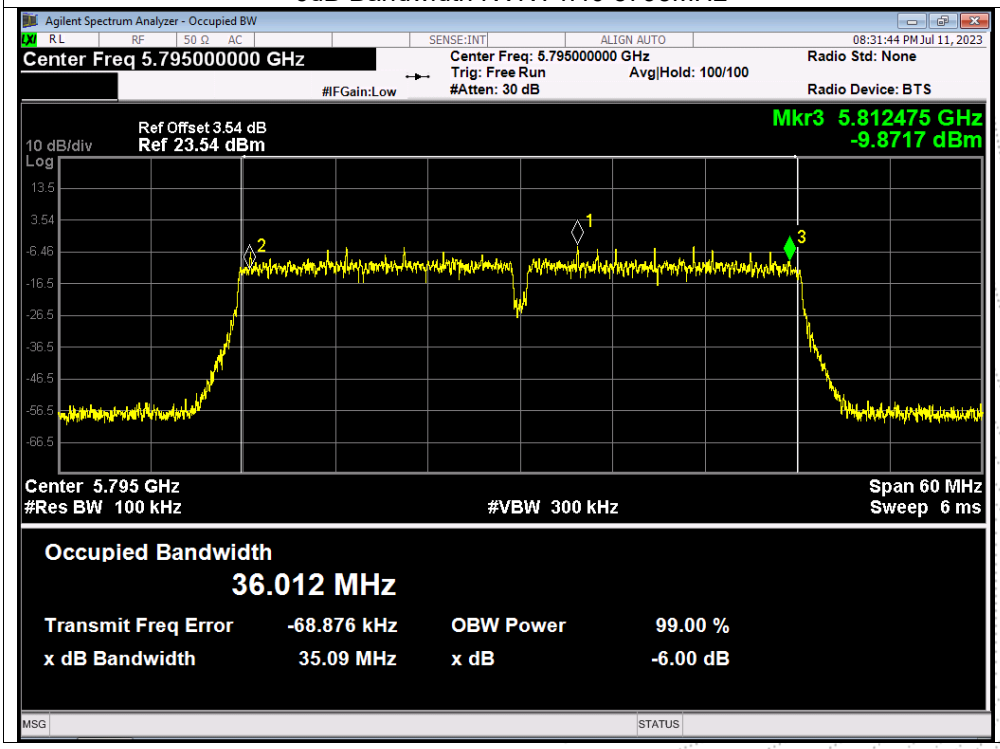
-6dB Bandwidth NVNT n20 5825MHz



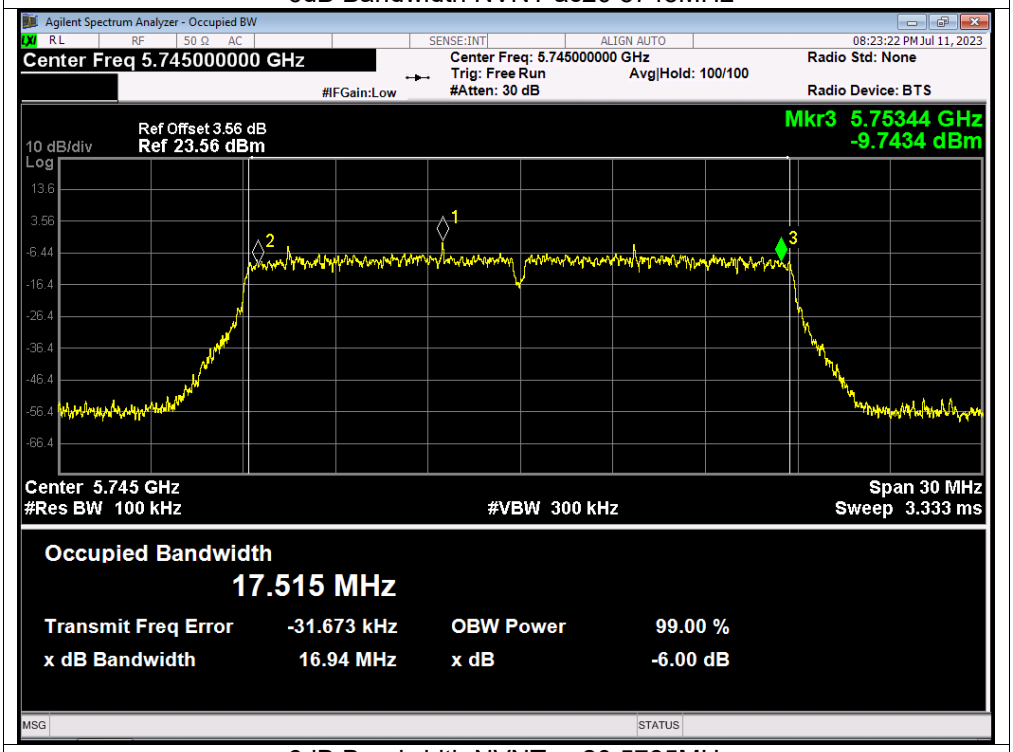
-6dB Bandwidth NVNT n40 5755MHz



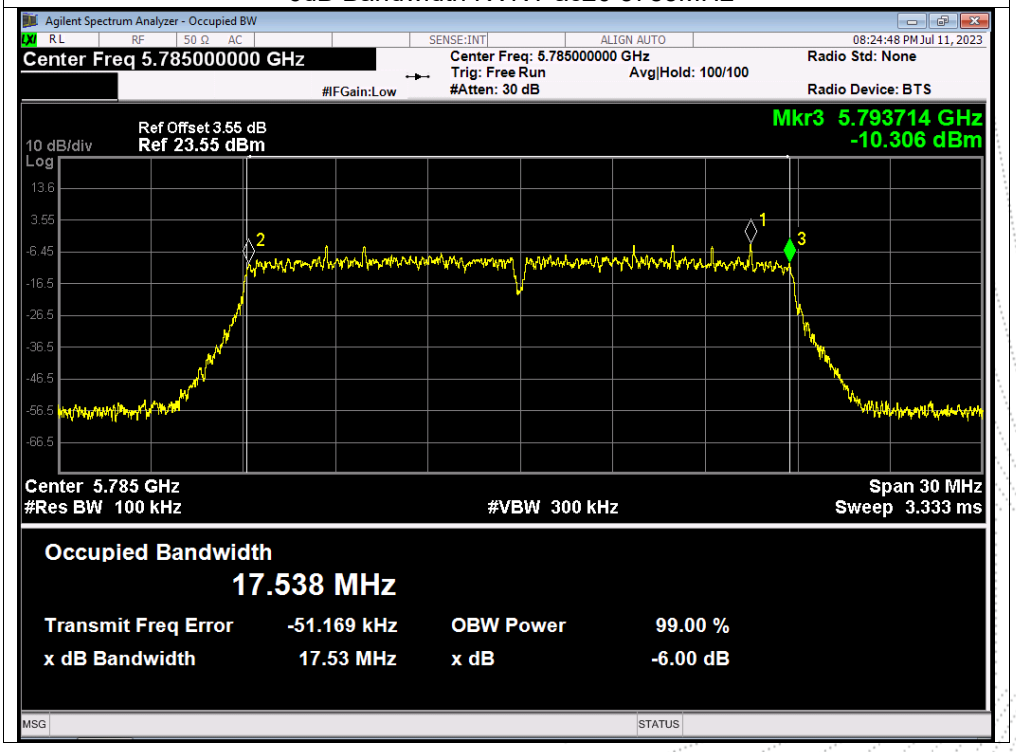
-6dB Bandwidth NVNT n40 5795MHz



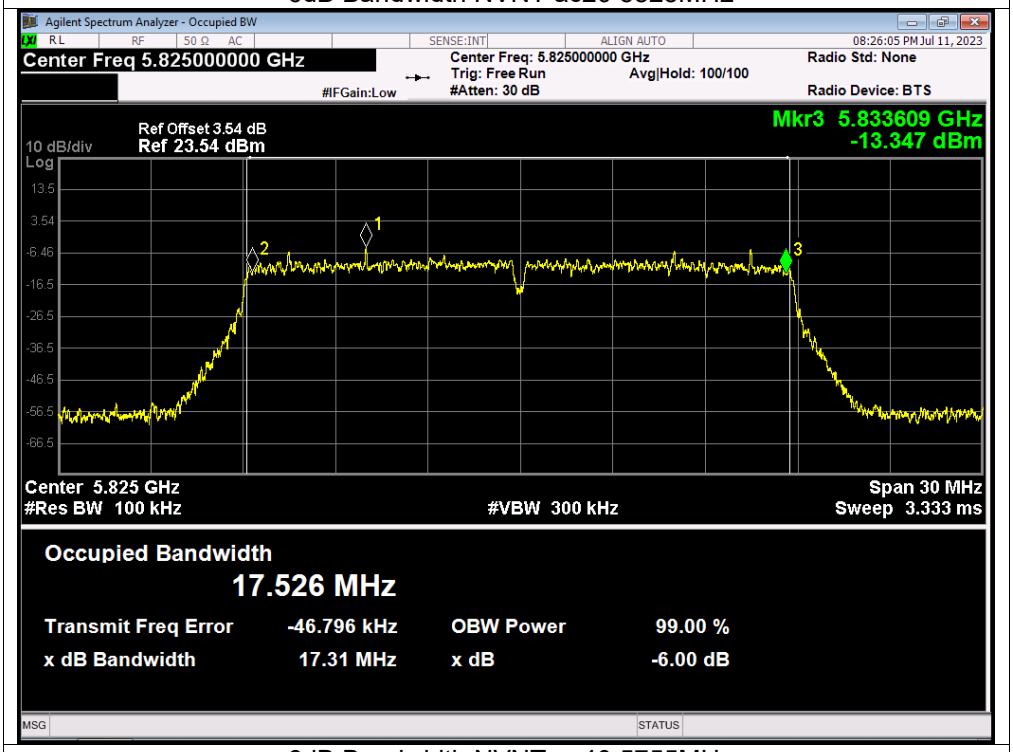
-6dB Bandwidth NVNT ac20 5745MHz



-6dB Bandwidth NVNT ac20 5785MHz



-6dB Bandwidth NVNT ac20 5825MHz



-6dB Bandwidth NVNT ac40 5755MHz