

TEST REPORT

Report No.: BCTC2408481528-4E

Applicant: Shenzhen Renqing Excellent Technology Co., Ltd.

Product Name: Smart Protective Film Plotter ZC1 Max (V1.0)

Test Model: ZC1-A(V1.0)

Tested Date: 2024-08-20 to 2024-09-04

Issued Date: 2024-09-04

Shenzhen BCTC Testing Co., Ltd.



FCC ID: 2AUA9-RQZY015

Product Name: Smart Protective Film Plotter ZC1 Max (V1.0)

Trademark: N/A

Model/Type Reference: ZC1-A(V1.0)
ZC1-A(V2.0), ZC1-A(V3.0), ZC1-B, ZC1-C

Prepared For: Shenzhen Renqing Excellent Technology Co., Ltd.

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Manufacturer: Shenzhen Renqing Excellent Technology Co., Ltd.

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Sample Received Date: 2024-08-20

Sample Tested Date: 2024-08-20 to 2024-09-04

Issue Date: 2024-09-04

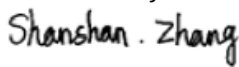
Report No.: BCTC2408481528-4E

Test Standards: FCC Part15 15.407
ANSI C63.10-2013
KDB 662911 D01 v02r01
KDB 789033 D02 v02r01

Test Results: PASS

Remark: This is WIFI-5GHz band radio test report.

Tested by:



Shanshan. Zhang / Project Handler

Approved by:



Zero Zhou/Reviewer

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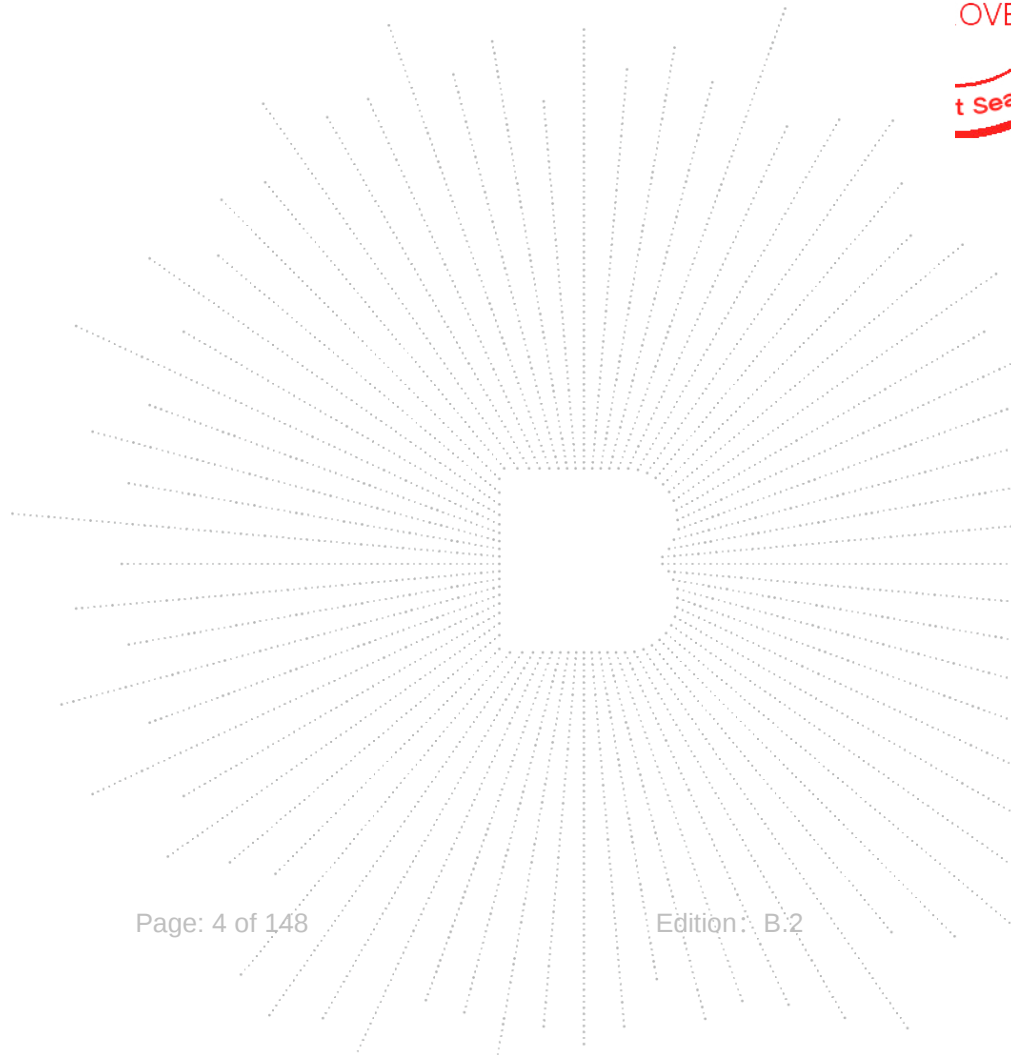
Table Of Content

Test Report Declaration	Page
1. Version	5
2. Test Summary	6
3. Measurement Uncertainty	7
4. Product Information And Test Setup	8
4.1 Product Information	8
4.2 Test Setup Configuration	9
4.3 Support Equipment	9
4.4 Channel List	10
4.5 Test Mode	11
4.6 Table Of Parameters Of Text Software Setting	11
5. Test Facility And Test Instrument Used	12
5.1 Test Facility	12
5.2 Test Instrument Used	12
6. Conducted Emissions	14
6.1 Block Diagram Of Test Setup	14
6.2 Limit	14
6.3 Test procedure	14
6.4 EUT operating Conditions	14
6.5 Test Result	15
7. Radiated Emissions	17
7.1 Block Diagram Of Test Setup	17
7.2 Limit	18
7.3 Test procedure	19
7.4 EUT operating Conditions	20
7.5 Test Result	20
8. Power Spectral Density Test	38
8.1 Block Diagram Of Test Setup	38
8.2 Limit	38
8.3 Test procedure	39
8.4 EUT operating Conditions	39
8.5 Test Result	40
9. 26dB & 6dB & 99% Emission Bandwidth	60
9.1 Block Diagram Of Test Setup	60
9.2 Limit	60
9.3 Test procedure	60
9.4 EUT operating Conditions	60
9.5 Test Result	61
10. Maximum Conducted Output Power	99
10.1 Block Diagram Of Test Setup	99
10.2 Limit	99
10.3 Test procedure	99
10.4 EUT operating Conditions	100
10.5 Test Result	101
11. Out Of Band Emissions	103
11.1 Block Diagram Of Test Setup	103

11.2	Limit	103
11.3	Test procedure	103
11.4	EUT operating Conditions	103
11.5	Test Result	104
12.	Spurious RF Conducted Emissions	118
12.1	Block Diagram Of Test Setup	118
12.2	Limit	118
12.3	Test procedure	118
12.4	Test Result	118
13.	Frequency Stability Measurement	137
13.1	Block Diagram Of Test Setup	137
13.2	Limit	137
13.3	Test procedure	137
13.4	Test Result	138
14.	Antenna Requirement	144
14.1	Limit	144
14.2	Test Antenna	144
15.	EUT Photographs	145
16.	EUT Test Setup Photographs	146

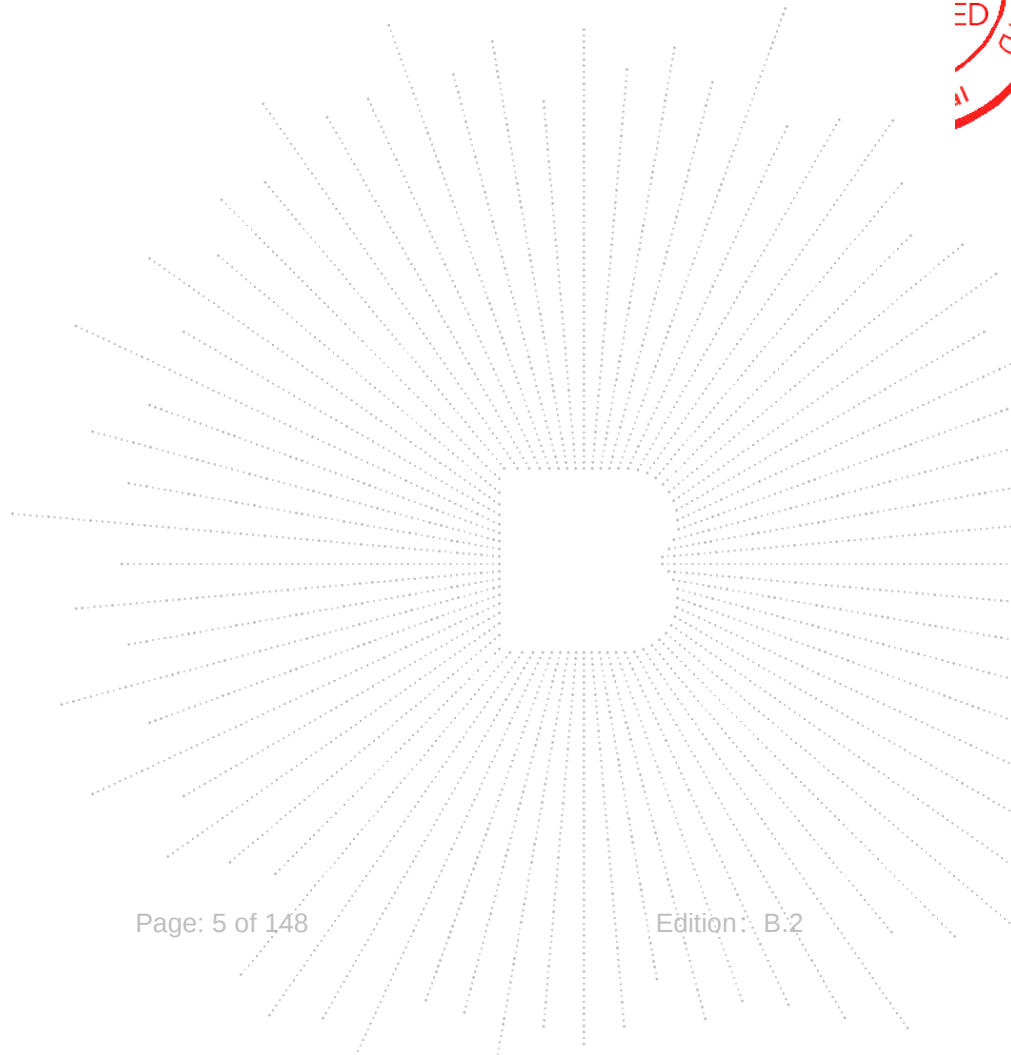
(Note: N/A Means Not Applicable)

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1. Version

Report No.	Issue Date	Description	Approved
BCTC2408481528-4E	2024-09-04	Original	Valid



2. Test Summary

The Product has been tested according to the following specifications:

1	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

Note: The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure.

CO., LTD.

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(30MHz-1GHz)	U=4.3dB
2	3m chamber Radiated spurious emission(9KHz-30MHz)	U=3.7dB
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

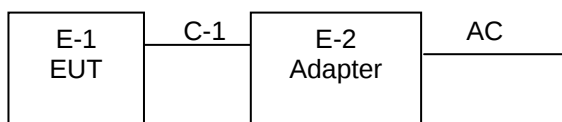
4.1 Product Information

Model/Type reference:	ZC1-A(V1.0) ZC1-A(V2.0), ZC1-A(V3.0), ZC1-B, ZC1-C
Model differences:	All the model are the same circuit and RF module, except model names and appearance of the color.
Hardware Version:	V9.0810
Software Version:	V24.0614
IEEE 802.11 WLAN Mode Supported:	802.11a/n/ac/ax(20MHz channel bandwidth) 802.11n/ac/ax(40MHz channel bandwidth)
Operation Frequency:	5180-5240MHz for 802.11a/n(HT20)/ac/ax20; 5190-5230MHz for 802.11n(HT40)/ac/ax40; 5745-5825 MHz for 802.11a/n(HT20)/ac/ax20; 5755-5795 MHz for 802.11a/n(HT40)/ac/ax40;
Data Rate:	802.11a: 6,9,12,18,24,36,48,54Mbps; 802.11n(HT20/HT40): MCS0-MCS15; 802.11ac(VHT20): MCS0-MCS8 802.11ac(VHT40): MCS0-MCS9 802.11ax (HE 20/HE 40): MCS0~MCS11
Type of Modulation:	OFDM with BPSK/QPSK/16QAM/64QAM for 802.11a/n OFDM with BPSK/QPSK/16QAM/64QAM/256QAM for 802.11ac OFDMA with BPSK / BPSK_DCM /QPSK /QPSK_DCM /QAM16 /QAM16_DCM /QAM64 /QAM256 /QAM1024 for 802.11ax
Number Of Channel:	4 channels for 802.11a/n/ac20/ax20 in the 5180-5240MHz band ; 2 channels for 802.11 n/ac40/ax40 in the 5190-5230MHz band ; 5 channels for 802.11a/n/ac20/ax20 in the 5745-5825MHz band ; 2 channels for 802.11 n/ac40/ax40 in the 5755-5795MHz band ;
Antenna installation:	Internal antenna
Antenna Gain:	5.1G: 1.91 dBi 5.8G: 1.95 dBi Remark: ☐ The antenna gain of the product comes from the antenna report provided by the customer, and the test data is affected by the customer information. ☒ The antenna gain of the product is provided by the customer, and the test data is affected by the customer information.
Ratings:	AC 100-240V 50/60Hz
Adapter Information:	MODEL: FJ-SW20172402700 INPUT: 100-240V~50/60Hz 1.5A Max OUTPUT: 24.0V==2.7A 64.8W

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 and Radiated Spurious Emission:



4.3 Support Equipment

No.	Device Type	Brand	Model	Series No.	Note
E-1	Smart Protective Film Plotter ZC1 Max (V1.0)	N/A	ZC1-A(V1.0)	N/A	EUT

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

Frequency and Channel list for 802.11a/n /ac/ax (5180-5240MHz):

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	-	-	-	-

Frequency and Channel list for 802.11a/n /ac/ax (5745-5825MHz):

802.11a/n/ac/ax(20MHz) 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)	Channel	Frequency (MHz)
151	5755	159	5795	-	-	-	-

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/ax 20 CH36/ CH40/ CH 48 802.11a /n/ ac/ax 20 CH149/ CH157/ CH 165
Mode 2	802.11n/ ac/ax40 CH38/ CH 46 802.11n/ ac/ax40 CH 151 / CH 159
Mode 3	Link Mode

Note: 1. The measurements are performed at all Bit Rate of Transmitter, the worst data was reported.
2. This product does not support RU mode.

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	RKDevTool		
Parameters	DEF	DEF	DEF

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

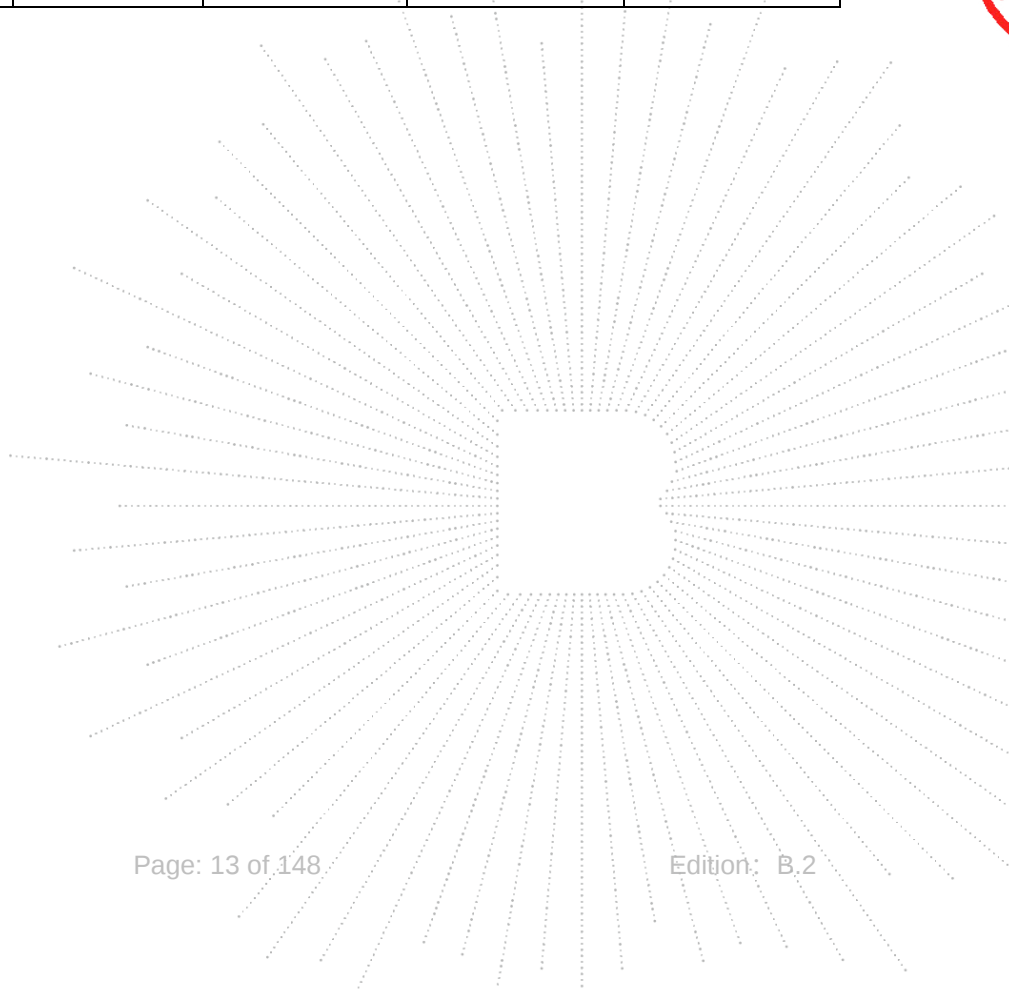
5.2 Test Instrument Used

Conducted Emissions Test					
Equipment	Manufacturer	Model#	Serial#	Last Cal.	Next Cal.
Receiver	R&S	ESR3	102075	May 16, 2024	May 15, 2025
LISN	R&S	ENV216	101375	May 16, 2024	May 15, 2025
Software	Frad	EZ-EMC	EMC-CON 3A1	\	\
Pulse limiter	Schwarzbeck	VTSD9561-F	01323	May 16, 2024	May 15, 2025

RF Conducted Test					
Equipment	Manufacturer	Model#	Serial#	Last Cal.	Next Cal.
Power Metter	Keysight	E4419	\	May 16, 2024	May 15, 2025
Power Sensor (AV)	Keysight	E9300A	\	May 16, 2024	May 15, 2025
Signal Analyzer20kHz-26.5GHz	Keysight	N9020A	MY49100060	May 16, 2024	May 15, 2025
Spectrum Analyzer9kHz-40GHz	R&S	FSP40	100363	May 16, 2024	May 15, 2025
Radio frequency control box	MAIWEI	MW100-RFC B	\	\	\
Software	MAIWEI	MTS 8310	\	\	\

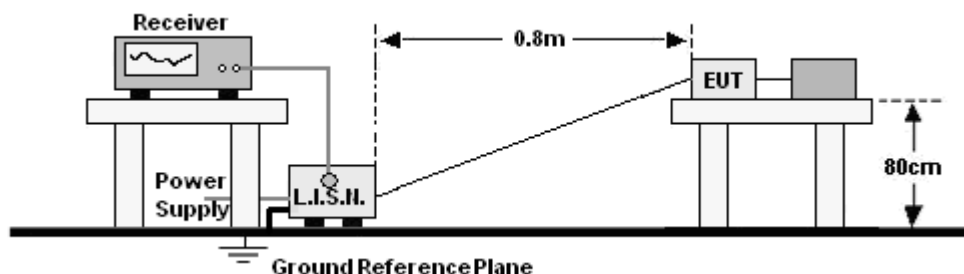
Radiated Emissions Test (966 Chamber02)					
Equipment	Manufacturer	Model#	Serial#	Last Cal.	Next Cal.
966 chamber	SKET	966 Room	966	Nov. 02. 2021	Nov. 01.2024
Receiver	R&S	ESR3	102075	May 16, 2024	May 15, 2025
Receiver	R&S	ESRI7	100010	Nov. 13. 2023	Nov. 12, 2024
Amplifier	SKET	LNPA-30M01 G-30	SK2021082004	Nov. 13. 2023	Nov. 12, 2024
TRILOG Broadband Antenna	Schwarzbeck	VULB9168	1323	May 21, 2024	May 20, 2025
Loop Antenna(9KHz -30MHz)	Schwarzbeck	FMZB1519B	00014	May 21, 2024	May 20, 2025
Amplifier	SKET	LAPA_01G1 8G-45dB	SK202104090 1	May 16, 2024	May 15, 2025
Horn Antenna	Schwarzbeck	BBHA9120D	1541	May 21, 2024	May 20, 2025
Amplifier(18G Hz-40GHz)	MITEQ	TTA1840-35- HG	2034381	May 16, 2024	May 15, 2025
Horn Antenn(18GH z-40GHz)	Schwarzbeck	BBHA9170	00822	May 21, 2024	May 20, 2025
Spectrum Analyzer9kHz- 40GHz	R&S	FSP40	100363	May 16, 2024	May 15, 2025
Software	Frad	EZ-EMC	FA-03A2 RE	\	\

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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

- 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).
- 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.
- For each frequency whose maximum record was higher or close to limit, measure its QP and AVG values and record.

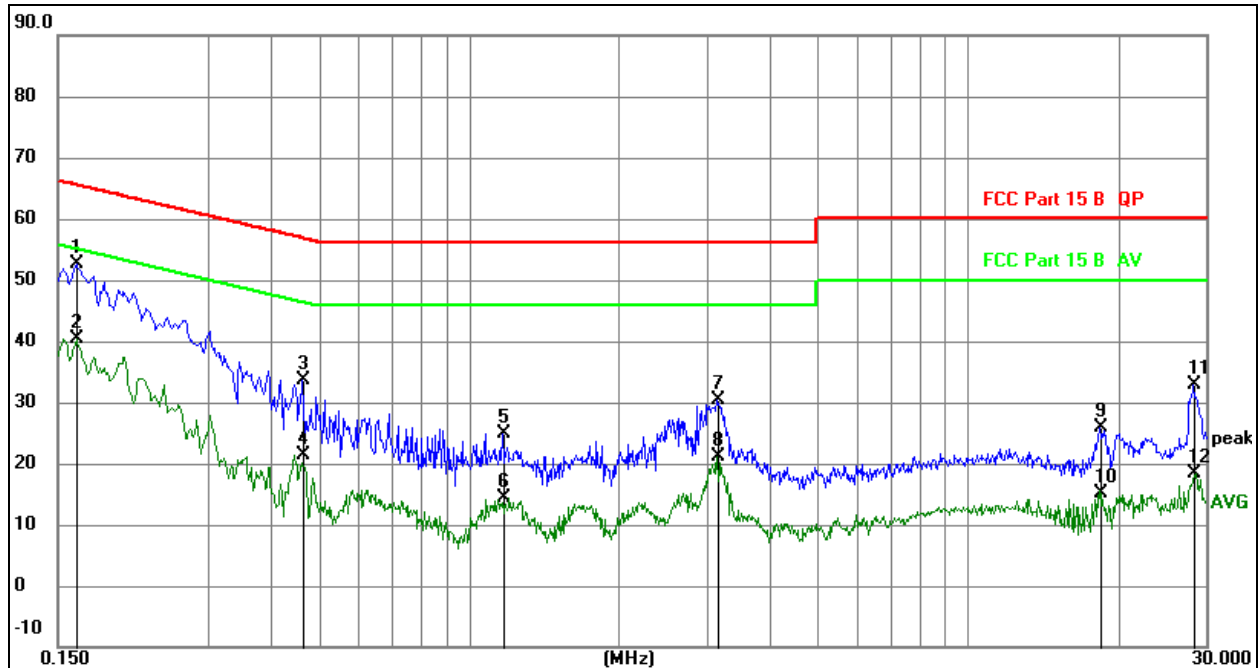
6.4 EUT operating Conditions

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.

We pretest AC 120V and AC 240V, the worst voltage was AC 120V and the data recording in the report.

6.5 Test Result

Temperature:	26 °C	Relative Humidity:	54%RH
Pressure:	101KPa	Test Voltage:	AC 120V/60Hz
Test Mode:	Mode 3	Polarization :	L

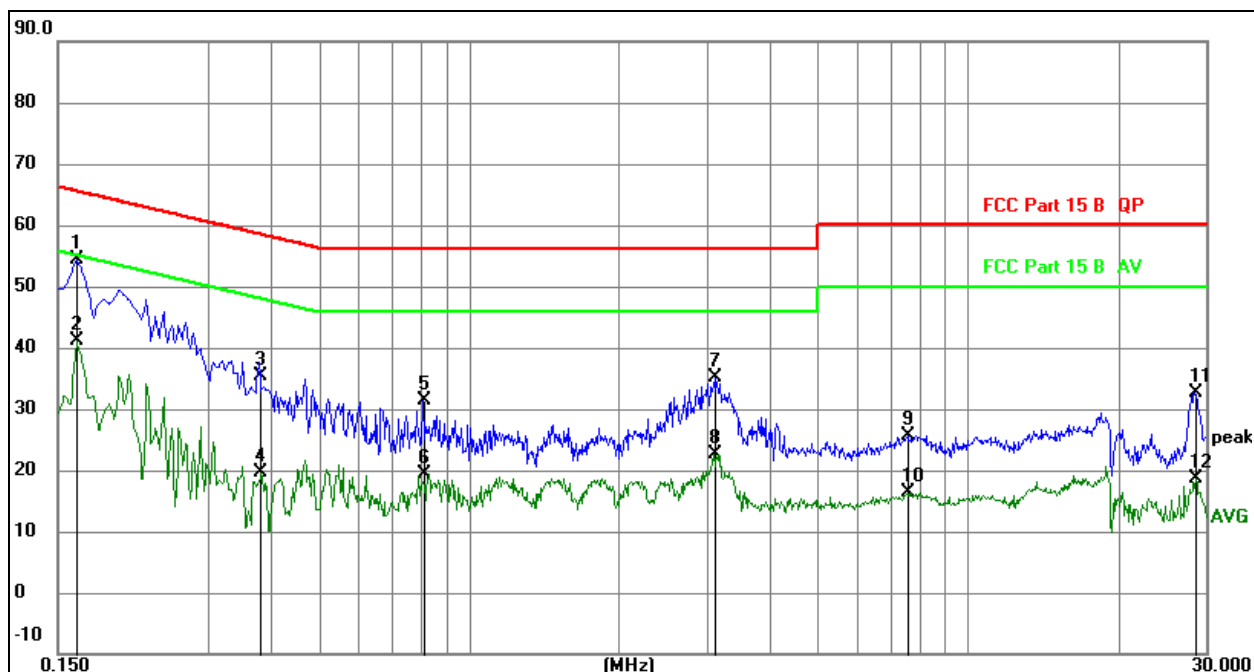


Remark:

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	Measurement	Limit	Over	
		MHz		dB	dBuV	dBuV	dB	Detector
1	*	0.1635	32.58	20.07	52.65	65.28	-12.63	QP
2		0.1635	20.31	20.07	40.38	55.28	-14.90	AVG
3		0.4650	13.48	20.08	33.56	56.60	-23.04	QP
4		0.4650	1.40	20.08	21.48	46.60	-25.12	AVG
5		1.1670	4.88	20.09	24.97	56.00	-31.03	QP
6		1.1670	-5.62	20.09	14.47	46.00	-31.53	AVG
7		3.1514	10.18	20.12	30.30	56.00	-25.70	QP
8		3.1514	1.05	20.12	21.17	46.00	-24.83	AVG
9		18.4065	5.56	20.32	25.88	60.00	-34.12	QP
10		18.4065	-5.26	20.32	15.06	50.00	-34.94	AVG
11		28.3065	12.56	20.28	32.84	60.00	-27.16	QP
12		28.3065	-1.80	20.28	18.48	50.00	-31.52	AVG

Temperature:	26 °C	Relative Humidity:	54%RH
Pressure:	101KPa	Test Voltage:	AC 120V/60Hz
Test Mode:	Mode 3	Polarization:	N


Remark:

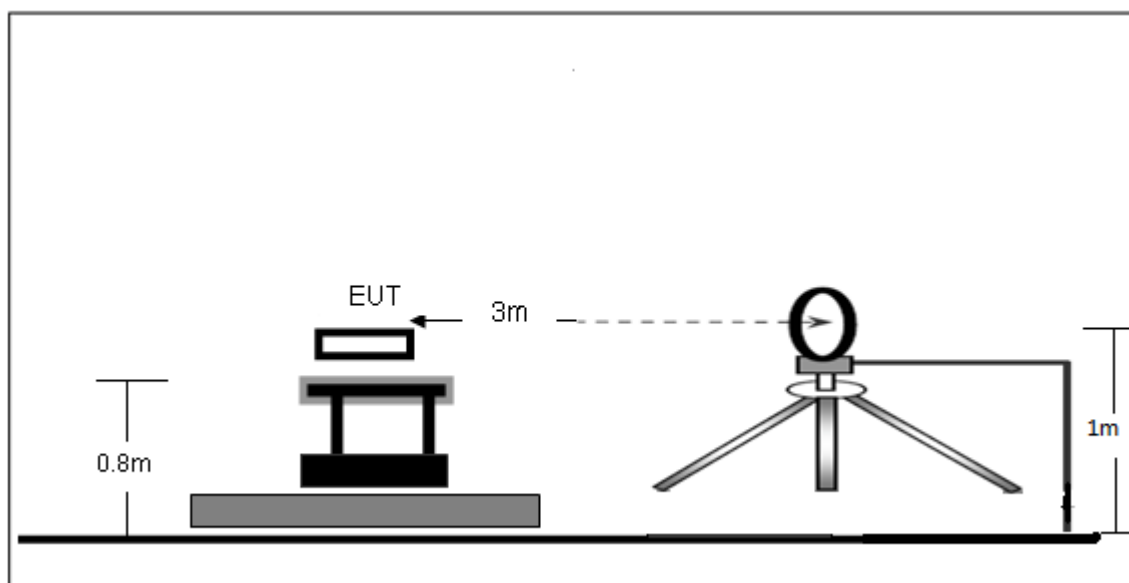
1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.
3. Measurement = Reading Level + Correct Factor
4. Over = Measurement - Limit

No.	Mk.	Freq. MHz	Reading Level	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector
1	*	0.1633	34.37	20.07	54.44	65.29	-10.85	QP
2		0.1633	20.98	20.07	41.05	55.29	-14.24	AVG
3		0.3811	15.20	20.08	35.28	58.26	-22.98	QP
4		0.3811	-0.53	20.08	19.55	48.26	-28.71	AVG
5		0.8088	11.20	20.09	31.29	56.00	-24.71	QP
6		0.8088	-0.61	20.09	19.48	46.00	-26.52	AVG
7		3.1066	14.93	20.12	35.05	56.00	-20.95	QP
8		3.1066	2.48	20.12	22.60	46.00	-23.40	AVG
9		7.5658	5.57	20.16	25.73	60.00	-34.27	QP
10		7.5658	-3.76	20.16	16.40	50.00	-33.60	AVG
11		28.4519	12.24	20.28	32.52	60.00	-27.48	QP
12		28.4519	-1.55	20.28	18.73	50.00	-31.27	AVG

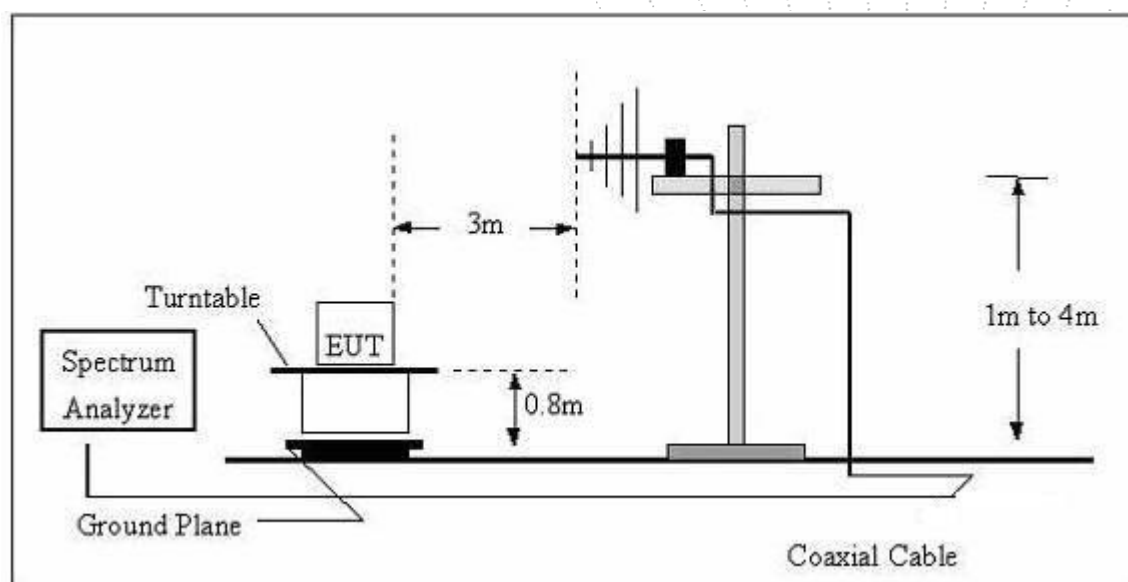
7. Radiated Emissions

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

- 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.
- 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.
- 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.
- 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.
- 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.
- 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 $RBWCF [dB] = 10 \cdot \lg(100 [kHz] / \text{narrower RBW} [kHz])$. , 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 °C	Relative Humidity:	54%RH
Pressure:	101KPa	Test Voltage:	AC 120V/60Hz
Test Mode:	Mode 3		

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

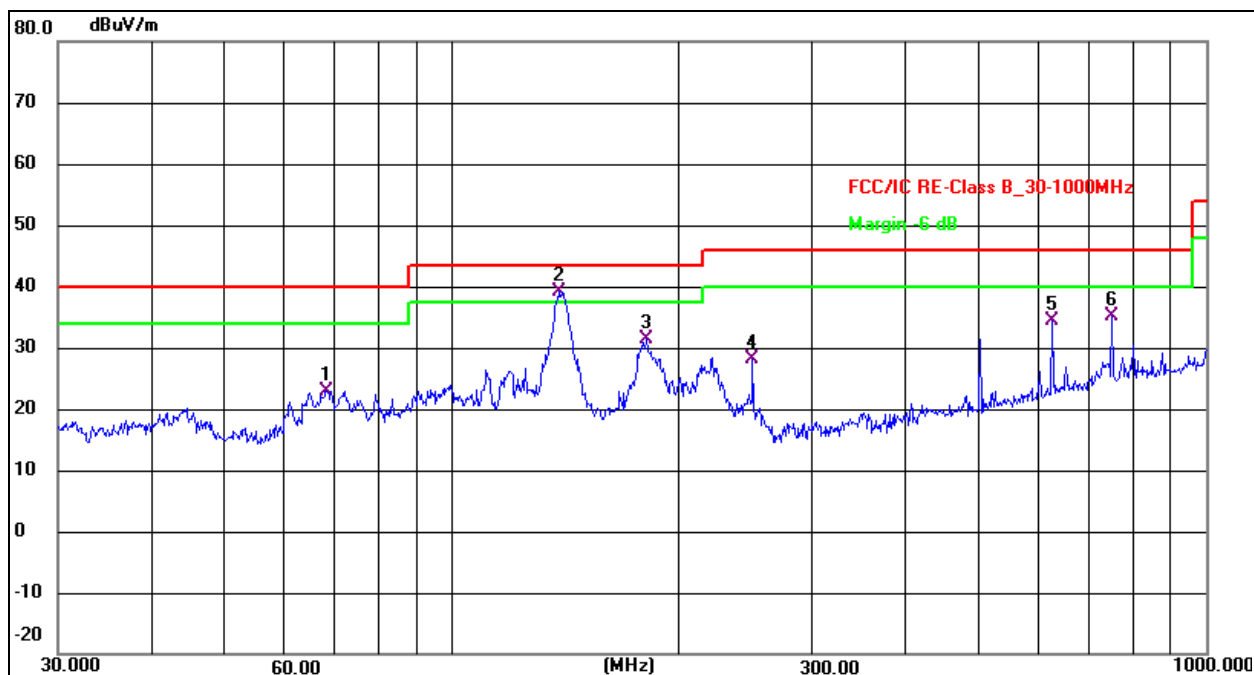
Note:

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 = $40 \log (\text{specific distance/test distance})$ (dB);

Limit line = specific limits(dBuv) + distance extrapolation factor.

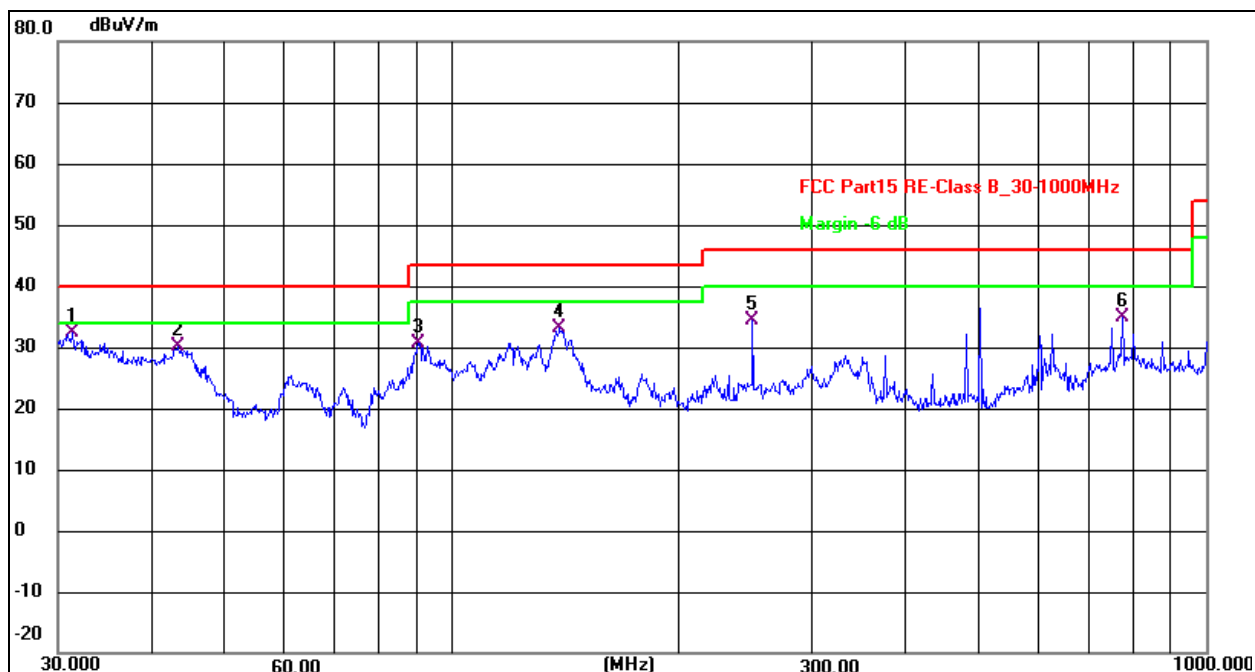
Temperature:	26 °C	Relative Humidity:	54%RH
Pressure:	101KPa	Test Voltage:	AC 120V/60Hz
Test Mode:	Mode 3	Polarization :	Horizontal


Remark:

- Factor = Antenna Factor + Cable Loss – Pre-amplifier.
- Measurement = Reading Level + Correct Factor
- Over = Measurement - Limit

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	68.1514	37.80	-14.80	23.00	40.00	-17.00	QP
2 *	138.3873	50.98	-11.80	39.18	43.50	-4.32	QP
3	181.2834	45.18	-13.71	31.47	43.50	-12.03	QP
4	250.3011	40.64	-12.60	28.04	46.00	-17.96	QP
5	625.0780	37.03	-2.54	34.49	46.00	-11.51	QP
6	750.1082	35.57	-0.47	35.10	46.00	-10.90	QP

Temperature:	26 °C	Relative Humidity:	54%RH
Pressure:	101KPa	Test Voltage:	AC 120V/60Hz
Test Mode:	Mode 3	Polarization:	Vertical



Remark:

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

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	31.3992	45.01	-12.56	32.45	40.00	-7.55	QP
2	43.3534	42.38	-12.16	30.22	40.00	-9.78	QP
3	90.2203	46.48	-15.89	30.59	43.50	-12.91	QP
4	138.8734	44.98	-11.76	33.22	43.50	-10.28	QP
5	250.3011	46.88	-12.60	34.28	46.00	-11.72	QP
6	774.1584	35.11	-0.19	34.92	46.00	-11.08	QP

☒ Undesirable radiated Undesirable radiated Spurious Emission in Band Edge
All the modes has been tested and the worst result 802.11a recorded as below:

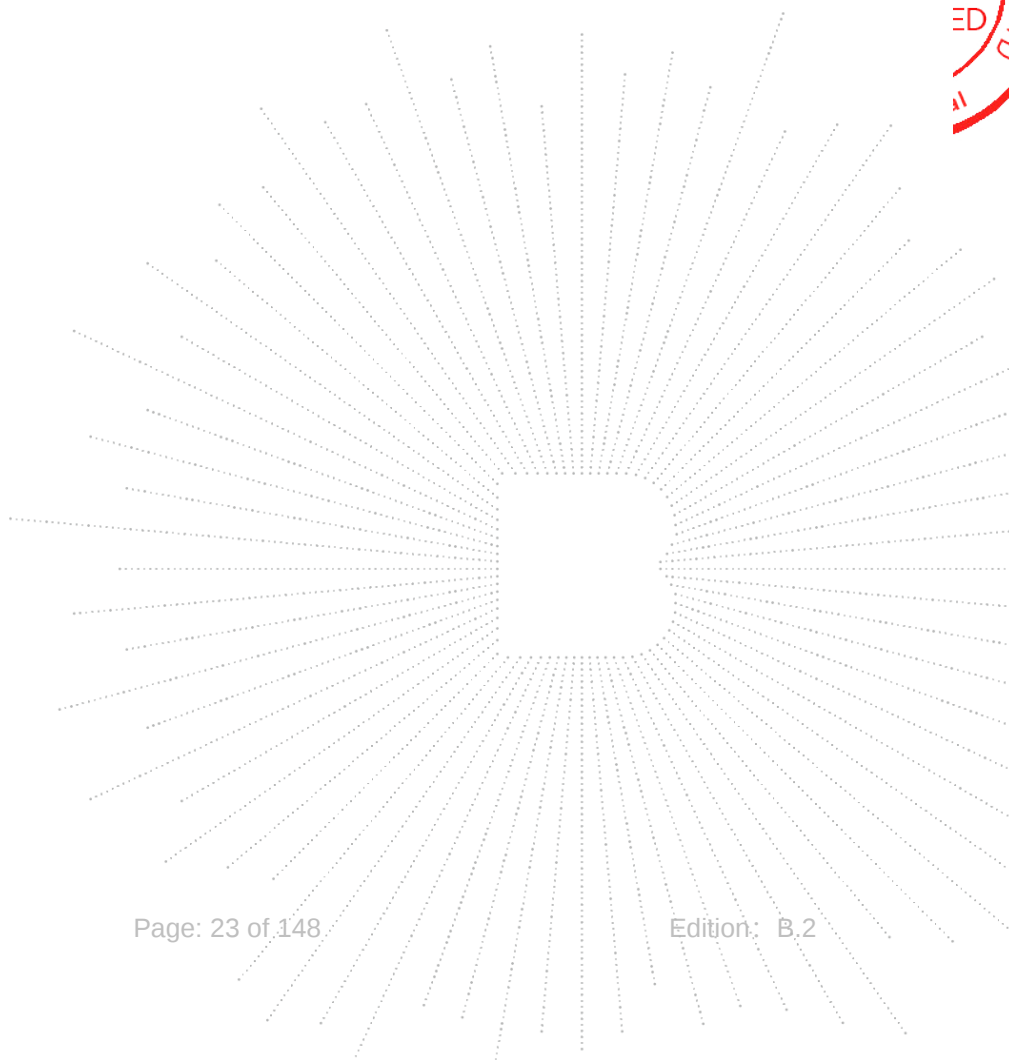
Test mode: 802.11a Frequency(MHz): 5180

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
5149.84	H	60.39	74	46.23	54
5149.53	V	58.42	74	44.31	54

Test mode: 802.11a Frequency(MHz): 5240

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
5300.21	H	48.72	74	38.24	54
5300.17	V	43.58	74	30.18	54

Note: (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
(2) Emission Level= Reading Level+Correct Factor.
(3) Correct Factor= Ant_F + Cab_L - Preamp



Test Mode:	TX(5.1G) - 802.11a
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Polar (H/V)	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measurement (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (5180 MHz)-Above 1G							
V	4434.153	70.48	-20.73	49.75	68.2	-18.45	PK
V	4434.153	59.43	-20.73	38.70	54	-15.30	AV
V	10360.120	62.39	-9.36	53.03	68.2	-15.17	PK
V	10360.120	49.76	-9.36	40.40	54	-13.60	AV
V	15540.012	60.55	-7.84	52.71	74	-21.29	PK
V	15540.012	49.06	-7.84	41.22	54	-12.78	AV
H	4434.057	70.88	-20.73	50.15	68.2	-18.05	PK
H	4434.057	59.21	-20.73	38.48	54	-15.52	AV
H	10360.035	64.78	-9.36	55.42	68.2	-12.78	PK
H	10360.035	49.06	-9.36	39.70	54	-14.30	AV
H	15540.141	60.82	-7.84	52.98	74	-21.02	PK
H	15540.141	49.01	-7.84	41.17	54	-12.83	AV
Middle Channel (5200 MHz)-Above 1G							
V	4592.043	71.76	-20.42	51.34	74	-22.66	PK
V	4592.043	59.57	-20.42	39.15	54	-14.85	AV
V	10400.130	60.67	-9.30	51.37	68.2	-16.83	PK
V	10400.130	49.45	-9.30	40.15	54	-13.85	AV
V	15600.197	61.97	-7.82	54.15	74	-19.85	PK
V	15600.197	49.83	-7.82	42.01	54	-11.99	AV
H	4592.117	74.87	-20.42	54.45	74	-19.55	PK
H	4592.117	59.59	-20.42	39.17	54	-14.83	AV
H	10400.178	62.96	-9.30	53.66	68.2	-14.54	PK
H	10400.178	49.49	-9.30	40.19	54	-13.81	AV
H	15600.119	63.87	-7.82	56.05	74	-17.95	PK
H	15600.119	49.79	-7.82	41.97	54	-12.03	AV
High Channel (5240 MHz)-Above 1G							
V	4739.092	70.48	-20.12	50.36	74	-23.64	PK
V	4739.092	59.64	-20.12	39.52	54	-14.48	AV
V	10480.151	61.79	-9.18	52.61	68.2	-15.59	PK
V	10480.151	49.78	-9.18	40.60	54	-13.40	AV
V	15720.003	60.02	-7.78	52.24	74	-21.76	PK
V	15720.003	49.04	-7.78	41.26	54	-12.74	AV
H	4739.010	71.45	-20.12	51.33	74	-22.67	PK
H	4739.010	59.16	-20.12	39.04	54	-14.96	AV
H	10480.126	64.74	-9.18	55.56	68.2	-12.64	PK
H	10480.126	49.83	-9.18	40.65	54	-13.35	AV
H	15720.016	60.80	-7.78	53.02	74	-20.98	PK
H	15720.016	49.25	-7.78	41.47	54	-12.53	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:	TX(5.1G) - 802.11n-HT20
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Polar (H/V)	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5180 MHz)-Above 1G							
V	4434.140	74.19	-20.73	53.46	68.2	-14.74	PK
V	4434.140	59.04	-20.73	38.31	54	-15.69	AV
V	10360.163	60.90	-9.36	51.54	68.2	-16.66	PK
V	10360.163	49.76	-9.36	40.40	54	-13.60	AV
V	15540.074	61.80	-7.84	53.96	74	-20.04	PK
V	15540.074	49.50	-7.84	41.66	54	-12.34	AV
H	4434.167	74.95	-20.73	54.22	68.2	-13.98	PK
H	4434.167	59.51	-20.73	38.78	54	-15.22	AV
H	10360.197	62.88	-9.36	53.52	68.2	-14.68	PK
H	10360.197	49.70	-9.36	40.34	54	-13.66	AV
H	15540.126	63.84	-7.84	56.00	74	-18.00	PK
H	15540.126	49.75	-7.84	41.91	54	-12.09	AV
Middle Channel (5200 MHz)-Above 1G							
V	4592.037	70.20	-20.42	49.78	74	-24.22	PK
V	4592.037	59.91	-20.42	39.49	54	-14.51	AV
V	10400.011	61.65	-9.30	52.35	68.2	-15.85	PK
V	10400.011	49.75	-9.30	40.45	54	-13.55	AV
V	15600.063	62.39	-7.82	54.57	74	-19.43	PK
V	15600.063	49.99	-7.82	42.17	54	-11.83	AV
H	4592.113	72.47	-20.42	52.06	74	-21.94	PK
H	4592.113	59.16	-20.42	38.75	54	-15.25	AV
H	10400.101	64.34	-9.30	55.04	68.2	-13.16	PK
H	10400.101	49.21	-9.30	39.91	54	-14.09	AV
H	15600.106	64.89	-7.82	57.07	74	-16.93	PK
H	15600.106	49.78	-7.82	41.96	54	-12.04	AV
High Channel (5240 MHz)-Above 1G							
V	4739.119	71.43	-20.12	51.31	74	-22.69	PK
V	4739.119	59.45	-20.12	39.32	54	-14.68	AV
V	10480.003	60.02	-9.18	50.84	68.2	-17.36	PK
V	10480.003	49.60	-9.18	40.42	54	-13.58	AV
V	15720.038	60.58	-7.78	52.80	74	-21.20	PK
V	15720.038	49.81	-7.78	42.03	54	-11.97	AV
H	4739.081	71.28	-20.12	51.15	74	-22.85	PK
H	4739.081	59.24	-20.12	39.12	54	-14.88	AV
H	10480.187	64.40	-9.18	55.22	68.2	-12.98	PK
H	10480.187	49.85	-9.18	40.67	54	-13.33	AV
H	15720.186	62.76	-7.78	54.98	74	-19.02	PK
H	15720.186	49.20	-7.78	41.42	54	-12.58	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:	TX(5.1G) - 802.11n-HT40
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Polar (H/V)	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5190 MHz)-Above 1G							
V	4434.158	74.21	-20.73	53.48	68.2	-14.72	PK
V	4434.158	59.57	-20.73	38.84	54	-15.16	AV
V	10380.034	60.31	-9.33	50.98	68.2	-17.22	PK
V	10380.034	49.07	-9.33	39.74	54	-14.26	AV
V	15570.016	60.71	-7.83	52.88	74	-21.12	PK
V	15570.016	49.17	-7.83	41.34	54	-12.66	AV
H	4434.044	70.04	-20.73	49.31	74	-24.69	PK
H	4434.044	59.12	-20.73	38.39	54	-15.61	AV
H	10380.192	61.01	-9.33	51.68	68.2	-16.52	PK
H	10380.192	49.73	-9.33	40.40	54	-13.60	AV
H	15570.034	61.47	-7.83	53.64	74	-20.36	PK
H	15570.034	49.49	-7.83	41.66	54	-12.34	AV
High Channel (5230 MHz)-Above 1G							
V	4739.149	70.79	-20.12	50.67	68.2	-17.53	PK
V	4739.149	59.60	-20.12	39.47	54	-14.53	AV
V	10460.159	62.49	-9.21	53.28	68.2	-14.92	PK
V	10460.159	49.62	-9.21	40.41	54	-13.59	AV
V	15690.004	60.60	-7.79	52.81	74	-21.19	PK
V	15690.004	49.15	-7.79	41.36	54	-12.64	AV
H	4739.171	71.84	-20.12	51.72	68.2	-16.48	PK
H	4739.171	59.21	-20.12	39.09	54	-14.91	AV
H	10460.149	64.06	-9.21	54.85	68.2	-13.35	PK
H	10460.149	49.25	-9.21	40.04	54	-13.96	AV
H	15690.020	60.56	-7.79	52.77	74	-21.23	PK
H	15690.020	49.13	-7.79	41.34	54	-12.66	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:	TX(5.1G) - 802.11ac-HT20
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Polar (H/V)	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5180 MHz)-Above 1G							
V	4434.132	70.20	-20.73	49.46	68.2	-18.74	PK
V	4434.132	59.93	-20.73	39.20	54	-14.80	AV
V	10360.130	63.55	-9.36	54.19	68.2	-14.01	PK
V	10360.130	49.95	-9.36	40.59	54	-13.41	AV
V	15540.171	63.15	-7.84	55.31	74	-18.69	PK
V	15540.171	49.02	-7.84	41.18	54	-12.82	AV
H	4434.170	72.12	-20.73	51.39	68.2	-16.81	PK
H	4434.170	59.89	-20.73	39.16	54	-14.84	AV
H	10360.033	60.57	-9.36	51.21	68.2	-16.99	PK
H	10360.033	49.08	-9.36	39.72	54	-14.28	AV
H	15540.124	63.62	-7.84	55.78	74	-18.22	PK
H	15540.124	49.79	-7.84	41.95	54	-12.05	AV
Middle Channel (5200 MHz)-Above 1G							
V	4592.064	71.98	-20.42	51.56	74	-22.44	PK
V	4592.064	59.97	-20.42	39.55	54	-14.45	AV
V	10400.132	63.30	-9.30	54.00	68.2	-14.20	PK
V	10400.132	49.45	-9.30	40.15	54	-13.85	AV
V	15600.100	60.35	-7.82	52.53	74	-21.47	PK
V	15600.100	49.18	-7.82	41.36	54	-12.64	AV
H	4592.094	70.27	-20.42	49.85	74	-24.15	PK
H	4592.094	59.67	-20.42	39.25	54	-14.75	AV
H	10400.056	64.07	-9.30	54.77	68.2	-13.43	PK
H	10400.056	49.29	-9.30	39.99	54	-14.01	AV
H	15600.101	60.77	-7.82	52.95	74	-21.05	PK
H	15600.101	49.64	-7.82	41.82	54	-12.18	AV
High Channel (5240 MHz)-Above 1G							
V	4739.001	72.91	-20.12	52.79	74	-21.21	PK
V	4739.001	59.23	-20.12	39.10	54	-14.90	AV
V	10480.007	62.65	-9.18	53.47	68.2	-14.73	PK
V	10480.007	49.84	-9.18	40.66	54	-13.34	AV
V	15720.151	62.49	-7.78	54.71	74	-19.29	PK
V	15720.151	49.39	-7.78	41.61	54	-12.39	AV
H	4739.130	73.26	-20.12	53.14	74	-20.86	PK
H	4739.130	59.63	-20.12	39.51	54	-14.49	AV
H	10480.127	60.41	-9.18	51.23	68.2	-16.97	PK
H	10480.127	49.59	-9.18	40.41	54	-13.59	AV
H	15720.046	62.01	-7.78	54.23	74	-19.77	PK
H	15720.046	49.98	-7.78	42.20	54	-11.80	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:	TX(5.1G) - 802.11ac-HT40
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Polar (H/V)	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5190 MHz)-Above 1G							
V	4434.179	74.90	-20.73	54.17	68.2	-14.03	PK
V	4434.179	59.94	-20.73	39.20	54	-14.80	AV
V	10380.002	61.14	-9.33	51.81	68.2	-16.39	PK
V	10380.002	49.23	-9.33	39.90	54	-14.10	AV
V	15570.194	60.03	-7.83	52.20	74	-21.80	PK
V	15570.194	49.55	-7.83	41.72	54	-12.28	AV
H	4434.044	71.41	-20.73	50.67	74	-23.33	PK
H	4434.044	59.44	-20.73	38.71	54	-15.29	AV
H	10380.189	62.02	-9.33	52.69	68.2	-15.51	PK
H	10380.189	49.93	-9.33	40.60	54	-13.40	AV
H	15570.145	61.39	-7.83	53.56	74	-20.44	PK
H	15570.145	49.02	-7.83	41.19	54	-12.81	AV
High Channel (5230 MHz)-Above 1G							
V	4739.127	72.85	-20.12	52.73	68.2	-15.47	PK
V	4739.127	59.01	-20.12	38.89	54	-15.11	AV
V	10460.052	60.50	-9.21	51.29	68.2	-16.91	PK
V	10460.052	49.11	-9.21	39.90	54	-14.10	AV
V	15690.103	62.89	-7.79	55.10	74	-18.90	PK
V	15690.103	49.60	-7.79	41.81	54	-12.19	AV
H	4739.067	71.74	-20.12	51.62	68.2	-16.58	PK
H	4739.067	59.49	-20.12	39.37	54	-14.63	AV
H	10460.027	64.12	-9.21	54.91	68.2	-13.29	PK
H	10460.027	49.47	-9.21	40.26	54	-13.74	AV
H	15690.131	63.03	-7.79	55.24	74	-18.76	PK
H	15690.131	49.73	-7.79	41.94	54	-12.06	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:	TX(5.1G) - 802.11ax-HT20
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Polar (H/V)	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5180 MHz)-Above 1G							
V	4434.064	71.13	-20.73	50.39	68.2	-17.81	PK
V	4434.064	59.31	-20.73	38.58	54	-15.42	AV
V	10360.013	63.22	-9.36	53.86	68.2	-14.34	PK
V	10360.013	49.60	-9.36	40.24	54	-13.76	AV
V	15540.190	61.66	-7.84	53.82	74	-20.18	PK
V	15540.190	49.52	-7.84	41.68	54	-12.32	AV
H	4434.167	75.00	-20.73	54.27	68.2	-13.93	PK
H	4434.167	59.68	-20.73	38.95	54	-15.05	AV
H	10360.124	63.49	-9.36	54.13	68.2	-14.07	PK
H	10360.124	49.65	-9.36	40.29	54	-13.71	AV
H	15540.069	63.13	-7.84	55.29	74	-18.71	PK
H	15540.069	49.85	-7.84	42.01	54	-11.99	AV
Middle Channel (5200 MHz)-Above 1G							
V	4592.012	72.80	-20.42	52.39	74	-21.61	PK
V	4592.012	59.87	-20.42	39.45	54	-14.55	AV
V	10400.050	62.68	-9.30	53.38	68.2	-14.82	PK
V	10400.050	49.87	-9.30	40.57	54	-13.43	AV
V	15600.168	63.63	-7.82	55.81	74	-18.19	PK
V	15600.168	49.97	-7.82	42.15	54	-11.85	AV
H	4592.084	74.34	-20.42	53.92	74	-20.08	PK
H	4592.084	59.86	-20.42	39.44	54	-14.56	AV
H	10400.080	61.54	-9.30	52.24	68.2	-15.96	PK
H	10400.080	49.70	-9.30	40.40	54	-13.60	AV
H	15600.144	60.65	-7.82	52.83	74	-21.17	PK
H	15600.144	49.05	-7.82	41.23	54	-12.77	AV
High Channel (5240 MHz)-Above 1G							
V	4739.176	74.91	-20.12	54.79	74	-19.21	PK
V	4739.176	59.96	-20.12	39.84	54	-14.16	AV
V	10480.099	62.69	-9.18	53.51	68.2	-14.69	PK
V	10480.099	49.89	-9.18	40.71	54	-13.29	AV
V	15720.077	60.81	-7.78	53.03	74	-20.97	PK
V	15720.077	49.57	-7.78	41.79	54	-12.21	AV
H	4739.028	72.53	-20.12	52.41	74	-21.59	PK
H	4739.028	59.75	-20.12	39.63	54	-14.37	AV
H	10480.040	60.57	-9.18	51.39	68.2	-16.81	PK
H	10480.040	49.97	-9.18	40.79	54	-13.21	AV
H	15720.016	64.48	-7.78	56.70	74	-17.30	PK
H	15720.016	49.92	-7.78	42.14	54	-11.86	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:	TX(5.1G) - 802.11ax-HT40
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Polar (H/V)	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5190 MHz)-Above 1G							
V	4434.124	70.21	-20.73	49.48	68.2	-18.72	PK
V	4434.124	59.80	-20.73	39.07	54	-14.93	AV
V	10380.060	62.11	-9.33	52.78	68.2	-15.42	PK
V	10380.060	49.23	-9.33	39.90	54	-14.10	AV
V	15570.149	60.34	-7.83	52.51	74	-21.49	PK
V	15570.149	49.54	-7.83	41.71	54	-12.29	AV
H	4434.100	74.21	-20.73	53.47	74	-20.53	PK
H	4434.100	59.55	-20.73	38.82	54	-15.18	AV
H	10380.033	63.88	-9.33	54.55	68.2	-13.65	PK
H	10380.033	49.01	-9.33	39.68	54	-14.32	AV
H	15570.191	64.82	-7.83	56.99	74	-17.01	PK
H	15570.191	49.15	-7.83	41.32	54	-12.68	AV
High Channel (5230 MHz)-Above 1G							
V	4739.120	71.20	-20.12	51.07	68.2	-17.13	PK
V	4739.120	59.89	-20.12	39.77	54	-14.23	AV
V	10460.171	61.21	-9.21	52.00	68.2	-16.20	PK
V	10460.171	49.80	-9.21	40.59	54	-13.41	AV
V	15690.119	61.65	-7.79	53.86	74	-20.14	PK
V	15690.119	49.82	-7.79	42.03	54	-11.97	AV
H	4739.172	71.28	-20.12	51.16	68.2	-17.04	PK
H	4739.172	59.74	-20.12	39.62	54	-14.38	AV
H	10460.110	64.25	-9.21	55.04	68.2	-13.16	PK
H	10460.110	49.03	-9.21	39.82	54	-14.18	AV
H	15690.197	61.19	-7.79	53.40	74	-20.60	PK
H	15690.197	49.06	-7.79	41.27	54	-12.73	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.

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Test Mode:	TX(5.8G) - 802.11a
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Polar (H/V)	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measurement (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (5745 MHz)-Above 1G							
V	4679.066	70.94	-20.24	50.70	74	-23.30	PK
V	4679.066	59.62	-20.24	39.38	54	-14.62	AV
V	11490.051	62.15	-8.79	53.36	68.2	-14.84	PK
V	11490.051	49.23	-8.79	40.44	54	-13.56	AV
V	17235.098	56.43	-3.18	53.25	68.2	-14.95	PK
V	17235.098	44.86	-3.18	41.68	54	-12.32	AV
H	4679.044	71.71	-20.73	50.98	74	-23.02	PK
H	4679.044	59.04	-20.73	38.31	54	-15.69	AV
H	11490.031	62.47	-8.79	53.68	68.2	-14.52	PK
H	11490.031	49.57	-8.79	40.78	54	-13.22	AV
H	17235.003	59.77	-3.18	56.59	68.2	-11.61	PK
H	17235.003	44.21	-3.18	41.03	54	-12.97	AV
Middle Channel (5785 MHz)-Above 1G							
V	4592.067	73.72	-20.42	53.30	74	-20.70	PK
V	4592.067	59.89	-20.42	39.47	54	-14.53	AV
V	11570.039	64.61	-8.86	55.75	68.2	-12.45	PK
V	11570.039	49.96	-8.86	41.10	54	-12.90	AV
V	17355.099	56.86	-2.52	54.34	68.2	-13.86	PK
V	17355.099	44.95	-2.52	42.43	54	-11.57	AV
H	4592.101	70.88	-20.42	50.47	74	-23.53	PK
H	4592.101	59.45	-20.42	39.03	54	-14.97	AV
H	11570.014	60.95	-8.86	52.09	68.2	-16.11	PK
H	11570.014	49.17	-8.86	40.31	54	-13.69	AV
H	17355.050	58.20	-2.52	55.68	68.2	-12.52	PK
H	17355.050	44.89	-2.52	42.37	54	-11.63	AV
High Channel (5825 MHz)-Above 1G							
V	6039.148	74.82	-18.93	55.89	68.2	-12.31	PK
V	6039.148	59.39	-18.93	40.46	54	-13.54	AV
V	11650.079	63.38	-8.92	54.46	74	-19.54	PK
V	11650.079	49.54	-8.92	40.62	54	-13.38	AV
V	17475.024	56.85	-1.86	54.99	68.2	-13.21	PK
V	17475.024	44.43	-1.86	42.57	54	-11.43	AV
H	6039.152	71.60	-18.93	52.67	68.2	-15.53	PK
H	6039.152	59.15	-18.93	40.21	54	-13.79	AV
H	11650.059	64.19	-8.92	55.27	74	-18.73	PK
H	11650.059	49.65	-8.92	40.73	54	-13.27	AV
H	17475.138	55.95	-1.86	54.09	68.2	-14.11	PK
H	17475.138	44.98	-1.86	43.12	54	-10.88	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: TX(5.8G) - 802.11n-HT20

Polar (H/V)	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measurement (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (5745 MHz)-Above 1G							
V	4679.169	72.69	-20.24	52.45	74	-21.55	PK
V	4679.169	59.00	-20.24	38.76	54	-15.24	AV
V	11490.130	61.86	-8.79	53.07	68.2	-15.13	PK
V	11490.130	49.69	-8.79	40.90	54	-13.10	AV
V	17235.102	59.34	-3.18	56.16	68.2	-12.04	PK
V	17235.102	44.59	-3.18	41.41	54	-12.59	AV
H	4679.055	71.01	-20.24	50.76	74	-23.24	PK
H	4679.055	59.69	-20.24	39.45	54	-14.55	AV
H	11490.184	64.66	-8.79	55.87	68.2	-12.33	PK
H	11490.184	49.92	-8.79	41.13	54	-12.87	AV
H	17235.163	57.14	-3.18	53.96	68.2	-14.24	PK
H	17235.163	44.38	-3.18	41.20	54	-12.80	AV
Middle Channel (5785 MHz)-Above 1G							
V	4592.177	70.61	-20.42	50.19	74	-23.81	PK
V	4592.177	59.38	-20.42	38.96	54	-15.04	AV
V	11570.098	60.41	-8.86	51.55	68.2	-16.65	PK
V	11570.098	49.06	-8.86	40.20	54	-13.80	AV
V	17355.167	58.24	-2.52	55.72	68.2	-12.48	PK
V	17355.167	44.46	-2.52	41.94	54	-12.06	AV
H	4592.122	72.29	-20.42	51.87	74	-22.13	PK
H	4592.122	59.63	-20.42	39.22	54	-14.78	AV
H	11570.122	62.91	-8.86	54.05	68.2	-14.15	PK
H	11570.122	49.41	-8.86	40.55	54	-13.45	AV
H	17355.028	59.59	-2.52	57.07	68.2	-11.13	PK
H	17355.028	44.05	-2.52	41.53	54	-12.47	AV
High Channel (5825 MHz)-Above 1G							
V	6039.047	70.39	-18.93	51.46	68.2	-16.74	PK
V	6039.047	59.74	-18.93	40.81	54	-13.19	AV
V	11650.156	62.42	-8.92	53.50	74	-20.50	PK
V	11650.156	49.55	-8.92	40.63	54	-13.37	AV
V	17475.096	59.77	-1.86	57.91	68.2	-10.29	PK
V	17475.096	44.31	-1.86	42.45	54	-11.55	AV
H	6039.173	70.33	-18.93	51.40	68.2	-16.80	PK
H	6039.173	59.43	-18.93	40.50	54	-13.50	AV
H	11650.128	61.76	-8.92	52.84	74	-21.16	PK
H	11650.128	49.12	-8.92	40.20	54	-13.80	AV
H	17475.111	56.88	-1.86	55.02	68.2	-13.18	PK
H	17475.111	44.84	-1.86	42.98	54	-11.02	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:	TX(5.8G) - 802.11n-HT40
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Polar (H/V)	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5755 MHz)-Above 1G							
V	4679.066	73.74	-20.24	53.50	74	-20.50	PK
V	4679.066	59.89	-20.24	39.64	54	-14.36	AV
V	11510.145	63.27	-8.81	54.46	74	-19.54	PK
V	11510.145	49.33	-8.81	40.52	54	-13.48	AV
V	17265.014	57.79	-3.01	54.78	68.2	-13.42	PK
V	17265.014	44.01	-3.01	41.00	54	-13.00	AV
H	4679.144	73.21	-20.24	52.97	74	-21.03	PK
H	4679.144	59.87	-20.24	39.63	54	-14.37	AV
H	11510.138	61.27	-8.81	52.46	74	-21.54	PK
H	11510.138	49.75	-8.81	40.94	54	-13.06	AV
H	17265.194	56.85	-3.01	53.84	68.2	-14.36	PK
H	17265.194	44.62	-3.01	41.61	54	-12.39	AV
High Channel (5795 MHz)-Above 1G							
V	6039.038	70.31	-18.93	51.38	68.2	-16.82	PK
V	6039.038	59.25	-18.93	40.32	54	-13.68	AV
V	11590.088	63.97	-8.87	55.10	74	-18.90	PK
V	11590.088	49.60	-8.87	40.73	54	-13.27	AV
V	17385.018	57.42	-2.35	55.07	68.2	-13.13	PK
V	17385.018	44.53	-2.35	42.18	54	-11.82	AV
H	6039.160	70.10	-18.93	51.17	68.2	-17.03	PK
H	6039.160	59.98	-18.93	41.05	54	-12.95	AV
H	11590.057	63.47	-8.87	54.60	74	-19.40	PK
H	11590.057	49.78	-8.87	40.91	54	-13.09	AV
H	17385.000	56.76	-2.35	54.41	68.2	-13.79	PK
H	17385.000	44.53	-2.35	42.18	54	-11.82	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:	TX(5.8G) - 802.11ac-HT20
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Polar (H/V)	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5745 MHz)-Above 1G							
V	4679.190	73.28	-20.24	53.03	74	-20.97	PK
V	4679.190	59.06	-20.24	38.82	54	-15.18	AV
V	11490.082	61.13	-8.79	52.34	68.2	-15.86	PK
V	11490.082	49.39	-8.79	40.60	54	-13.40	AV
V	17235.166	57.21	-3.18	54.03	68.2	-14.17	PK
V	17235.166	44.96	-3.18	41.78	54	-12.22	AV
H	4679.050	74.65	-20.24	54.41	74	-19.59	PK
H	4679.050	59.60	-20.24	39.36	54	-14.64	AV
H	11490.004	62.14	-8.79	53.35	68.2	-14.85	PK
H	11490.004	49.53	-8.79	40.74	54	-13.26	AV
H	17235.172	58.48	-3.18	55.30	68.2	-12.90	PK
H	17235.172	44.45	-3.18	41.27	54	-12.73	AV
Middle Channel (5785 MHz)-Above 1G							
V	4592.035	71.52	-20.42	51.11	74	-22.89	PK
V	4592.035	59.50	-20.42	39.08	54	-14.92	AV
V	11570.152	61.67	-8.86	52.81	68.2	-15.39	PK
V	11570.152	49.78	-8.86	40.92	54	-13.08	AV
V	17355.164	55.33	-2.52	52.81	68.2	-15.39	PK
V	17355.164	44.96	-2.52	42.44	54	-11.56	AV
H	4592.176	73.77	-20.42	53.35	74	-20.65	PK
H	4592.176	59.97	-20.42	39.55	54	-14.45	AV
H	11570.198	63.57	-8.86	54.71	68.2	-13.49	PK
H	11570.198	49.36	-8.86	40.50	54	-13.50	AV
H	17355.092	58.60	-2.52	56.08	68.2	-12.12	PK
H	17355.092	44.67	-2.52	42.15	54	-11.85	AV
High Channel (5825 MHz)-Above 1G							
V	6039.053	71.45	-18.93	52.52	68.2	-15.68	PK
V	6039.053	59.93	-18.93	41.00	54	-13.00	AV
V	11650.115	64.09	-8.92	55.17	74	-18.83	PK
V	11650.115	49.39	-8.92	40.47	54	-13.53	AV
V	17475.186	57.16	-1.86	55.30	68.2	-12.90	PK
V	17475.186	44.99	-1.86	43.13	54	-10.87	AV
H	6039.133	74.99	-18.93	56.06	68.2	-12.14	PK
H	6039.133	59.12	-18.93	40.19	54	-13.81	AV
H	11650.176	62.31	-8.92	53.39	74	-20.61	PK
H	11650.176	49.48	-8.92	40.56	54	-13.44	AV
H	17475.131	57.69	-1.86	55.83	68.2	-12.37	PK
H	17475.131	44.25	-1.86	42.39	54	-11.61	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:	TX(5.8G) - 802.11ac-HT40
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Polar (H/V)	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5755 MHz)-Above 1G							
V	4679.085	74.04	-20.24	53.80	74	-20.20	PK
V	4679.085	59.90	-20.24	39.66	54	-14.34	AV
V	11510.179	60.14	-8.81	51.33	74	-22.67	PK
V	11510.179	49.58	-8.81	40.77	54	-13.23	AV
V	17265.134	55.13	-3.01	52.12	68.2	-16.08	PK
V	17265.134	44.25	-3.01	41.24	54	-12.76	AV
H	4679.063	74.90	-20.24	54.66	74	-19.34	PK
H	4679.063	59.86	-20.24	39.62	54	-14.38	AV
H	11510.090	60.34	-8.81	51.53	74	-22.47	PK
H	11510.090	49.71	-8.81	40.90	54	-13.10	AV
H	17265.073	59.15	-3.01	56.14	68.2	-12.06	PK
H	17265.073	44.88	-3.01	41.87	54	-12.13	AV
High Channel (5795 MHz)-Above 1G							
V	6039.153	73.69	-18.93	54.76	68.2	-13.44	PK
V	6039.153	59.10	-18.93	40.16	54	-13.84	AV
V	11590.131	61.11	-8.87	52.24	74	-21.76	PK
V	11590.131	49.27	-8.87	40.40	54	-13.60	AV
V	17385.028	57.84	-2.35	55.49	68.2	-12.71	PK
V	17385.028	44.33	-2.35	41.98	54	-12.02	AV
H	6039.173	74.19	-18.93	55.26	68.2	-12.94	PK
H	6039.173	59.28	-18.93	40.35	54	-13.65	AV
H	11590.078	60.18	-8.87	51.31	74	-22.69	PK
H	11590.078	49.21	-8.87	40.34	54	-13.66	AV
H	17385.030	58.45	-2.35	56.10	68.2	-12.10	PK
H	17385.030	44.13	-2.35	41.78	54	-12.22	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:	TX(5.8G) - 802.11ax-HT20
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Polar (H/V)	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5745 MHz)-Above 1G							
V	4679.172	72.94	-20.24	52.70	74	-21.30	PK
V	4679.172	59.71	-20.24	39.46	54	-14.54	AV
V	11490.006	62.11	-8.79	53.32	68.2	-14.88	PK
V	11490.006	49.40	-8.79	40.61	54	-13.39	AV
V	17235.028	58.13	-3.18	54.95	68.2	-13.25	PK
V	17235.028	44.79	-3.18	41.61	54	-12.39	AV
H	4679.079	71.95	-20.24	51.71	74	-22.29	PK
H	4679.079	59.05	-20.24	38.81	54	-15.19	AV
H	11490.125	64.95	-8.79	56.16	68.2	-12.04	PK
H	11490.125	49.86	-8.79	41.07	54	-12.93	AV
H	17235.174	57.83	-3.18	54.65	68.2	-13.55	PK
H	17235.174	44.65	-3.18	41.47	54	-12.53	AV
Middle Channel (5785 MHz)-Above 1G							
V	4592.135	73.34	-20.42	52.93	74	-21.07	PK
V	4592.135	59.31	-20.42	38.89	54	-15.11	AV
V	11570.025	64.30	-8.86	55.44	68.2	-12.76	PK
V	11570.025	49.07	-8.86	40.21	54	-13.79	AV
V	17355.128	58.86	-2.52	56.34	68.2	-11.86	PK
V	17355.128	44.24	-2.52	41.72	54	-12.28	AV
H	4592.043	71.49	-20.42	51.07	74	-22.93	PK
H	4592.043	59.90	-20.42	39.49	54	-14.51	AV
H	11570.083	62.12	-8.86	53.26	68.2	-14.94	PK
H	11570.083	49.44	-8.86	40.58	54	-13.42	AV
H	17355.080	58.97	-2.52	56.45	68.2	-11.75	PK
H	17355.080	44.80	-2.52	42.28	54	-11.72	AV
High Channel (5825 MHz)-Above 1G							
V	6039.019	71.02	-18.93	52.09	68.2	-16.11	PK
V	6039.019	59.29	-18.93	40.36	54	-13.64	AV
V	11650.173	63.73	-8.92	54.81	74	-19.19	PK
V	11650.173	49.57	-8.92	40.65	54	-13.35	AV
V	17475.191	55.69	-1.86	53.83	68.2	-14.37	PK
V	17475.191	44.65	-1.86	42.79	54	-11.21	AV
H	6039.006	71.56	-18.93	52.63	68.2	-15.57	PK
H	6039.006	59.79	-18.93	40.86	54	-13.14	AV
H	11650.081	64.07	-8.92	55.15	74	-18.85	PK
H	11650.081	49.35	-8.92	40.43	54	-13.57	AV
H	17475.161	57.35	-1.86	55.49	68.2	-12.71	PK
H	17475.161	44.87	-1.86	43.01	54	-10.99	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.

Test Mode:	TX(5.8G) - 802.11ax-HT40
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Polar (H/V)	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5755 MHz)-Above 1G							
V	4679.095	72.85	-20.24	52.61	74	-21.39	PK
V	4679.095	59.54	-20.24	39.30	54	-14.70	AV
V	11510.167	64.32	-8.81	55.51	74	-18.49	PK
V	11510.167	49.77	-8.81	40.96	54	-13.04	AV
V	17265.048	56.00	-3.01	52.99	68.2	-15.21	PK
V	17265.048	44.03	-3.01	41.02	54	-12.98	AV
H	4679.124	72.09	-20.24	51.84	74	-22.16	PK
H	4679.124	59.39	-20.24	39.15	54	-14.85	AV
H	11510.110	63.15	-8.81	54.34	74	-19.66	PK
H	11510.110	49.11	-8.81	40.30	54	-13.70	AV
H	17265.104	58.96	-3.01	55.95	68.2	-12.25	PK
H	17265.104	44.75	-3.01	41.74	54	-12.26	AV
High Channel (5795 MHz)-Above 1G							
V	6039.065	71.93	-18.93	53.00	68.2	-15.20	PK
V	6039.065	59.16	-18.93	40.22	54	-13.78	AV
V	11590.063	62.50	-8.87	53.63	74	-20.37	PK
V	11590.063	49.84	-8.87	40.97	54	-13.03	AV
V	17385.036	59.90	-2.35	57.55	68.2	-10.65	PK
V	17385.036	44.08	-2.35	41.73	54	-12.27	AV
H	6039.125	71.59	-18.93	52.65	68.2	-15.55	PK
H	6039.125	59.29	-18.93	40.36	54	-13.64	AV
H	11590.043	64.48	-8.87	55.61	74	-18.39	PK
H	11590.043	49.01	-8.87	40.14	54	-13.86	AV
H	17385.113	58.92	-2.35	56.57	68.2	-11.63	PK
H	17385.113	44.40	-2.35	42.05	54	-11.95	AV

Note: PK value is lower than the Average value limit, So average didn't record.

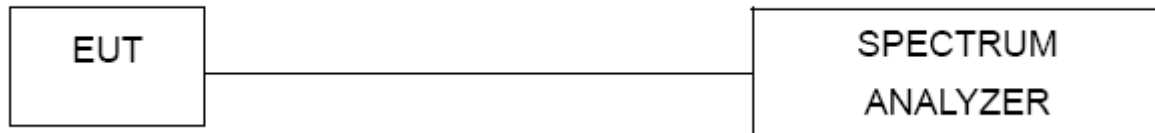
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

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 Wifi Repeater 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 Wifi Repeater 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 Wifi Repeaters 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 $RBW \geq 1/T$, where T is defined in section II.B.I.a).
- b) Set $VBW \geq 3 RBW$.
- c) If measurement bandwidth of Maximum PSD is specified in 500 kHz, add $10\log(500\text{kHz}/RBW)$ 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 $10\log(1\text{MHz}/RBW)$ 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.

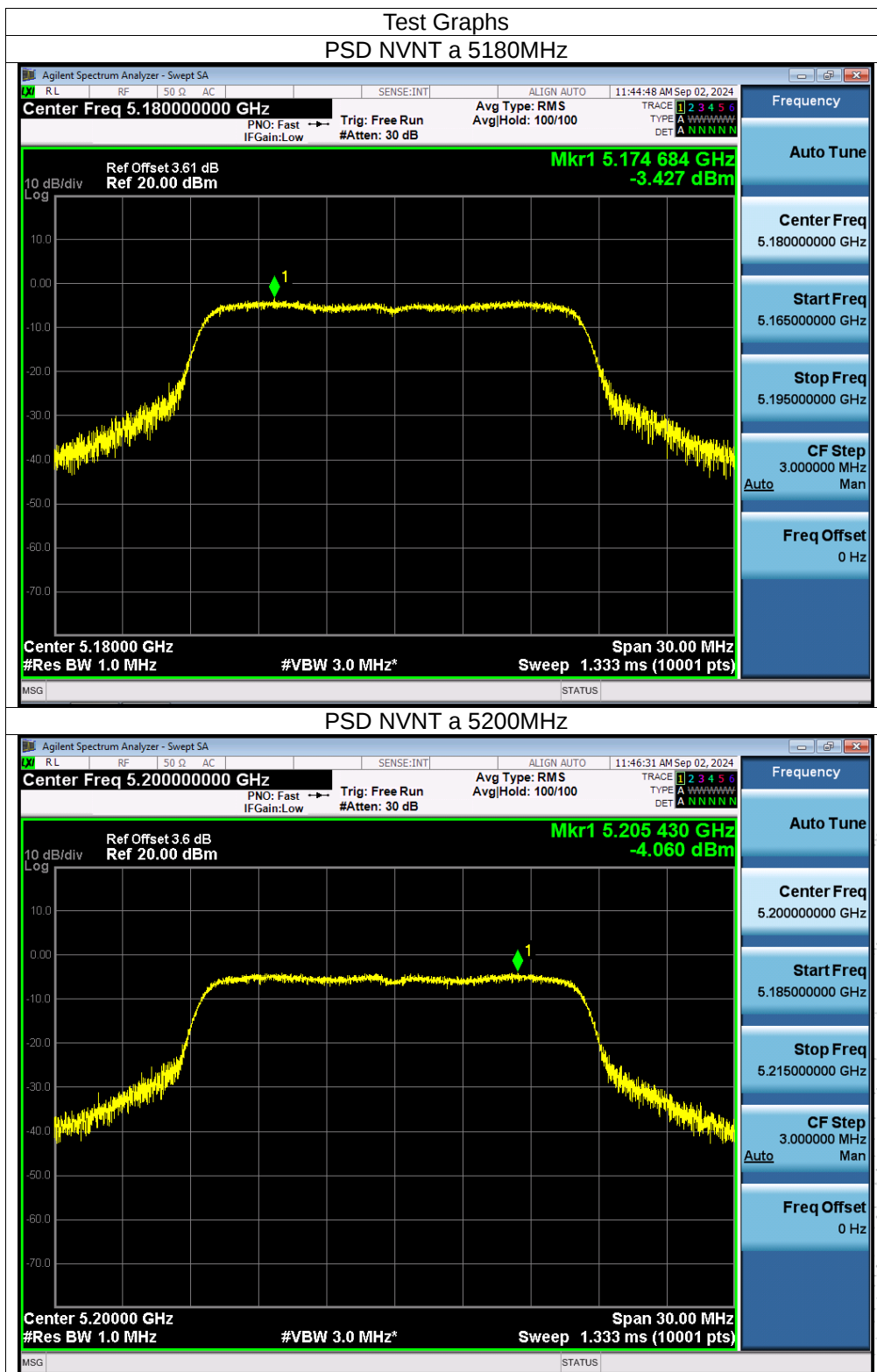
8.4 EUT operating Conditions

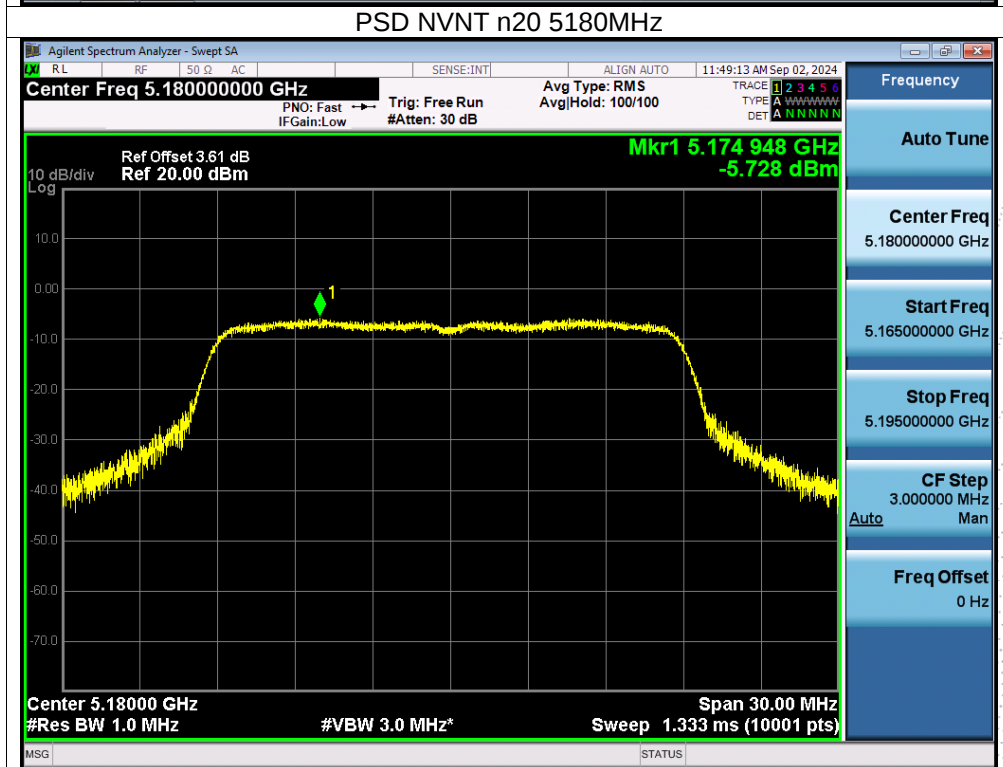
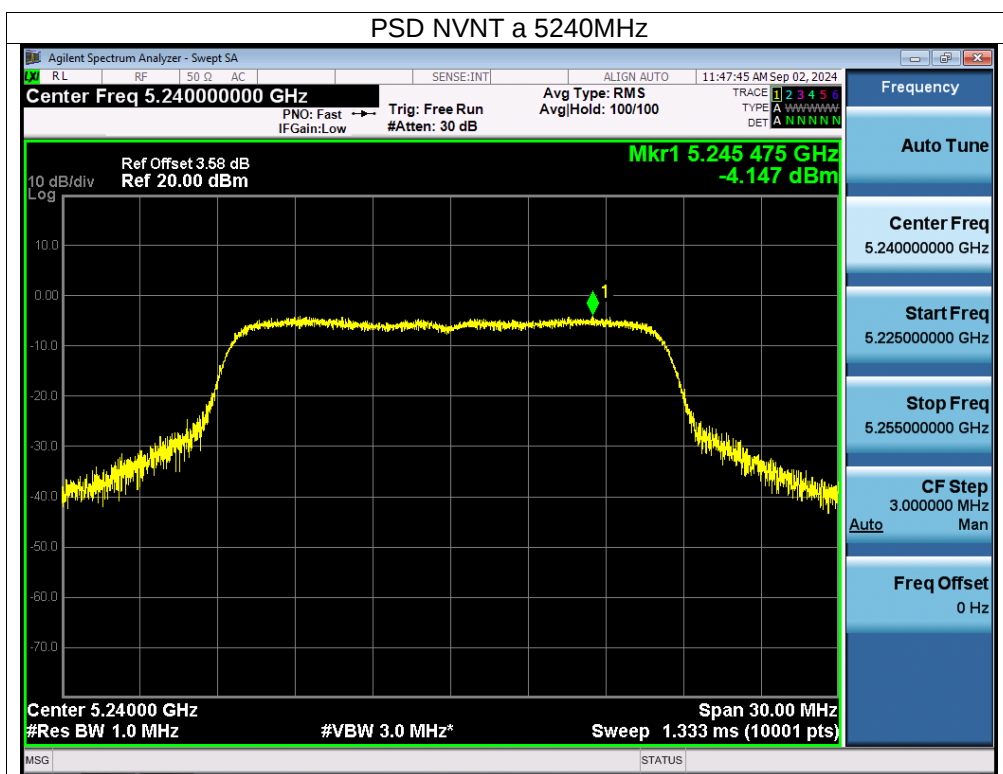
The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

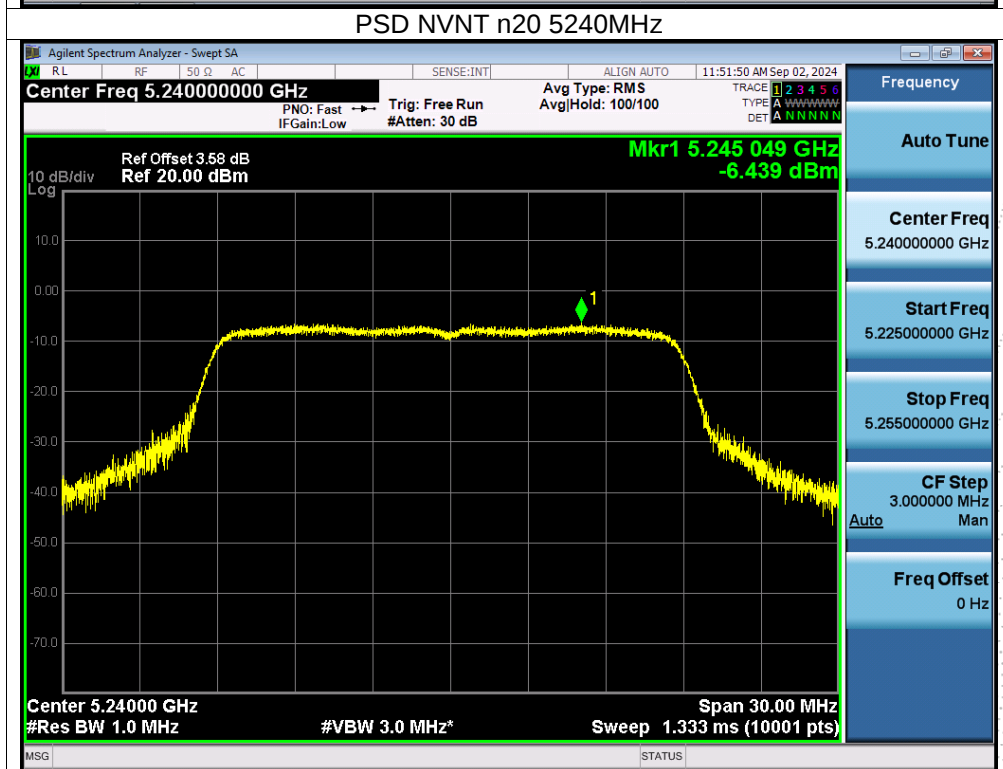
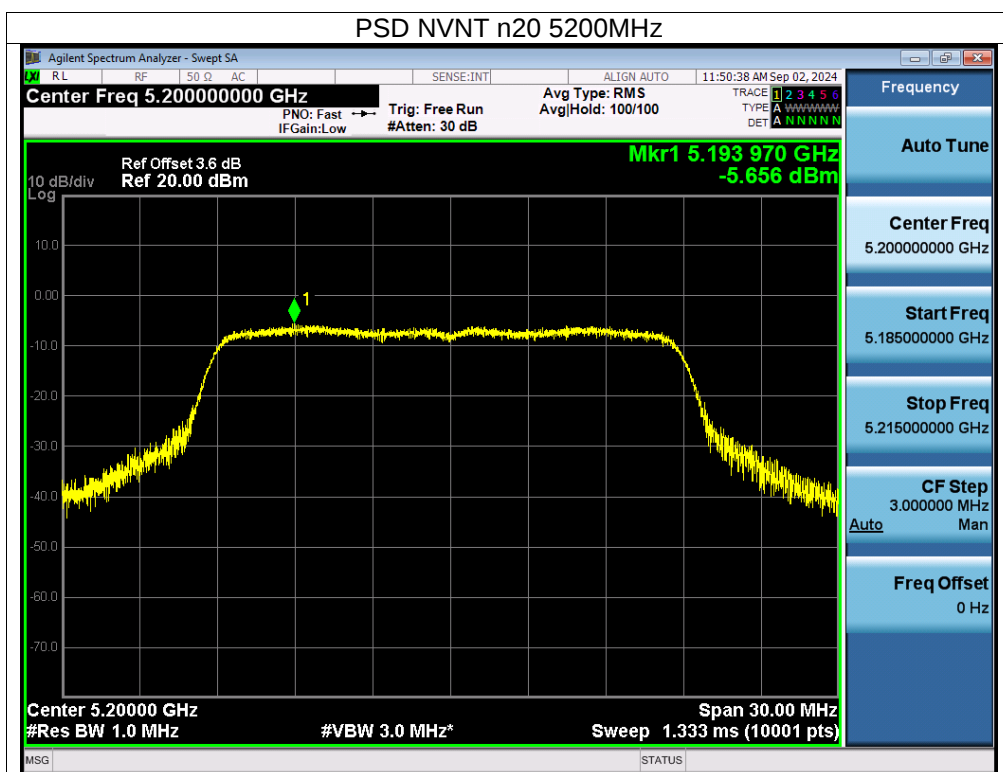
8.5 Test Result

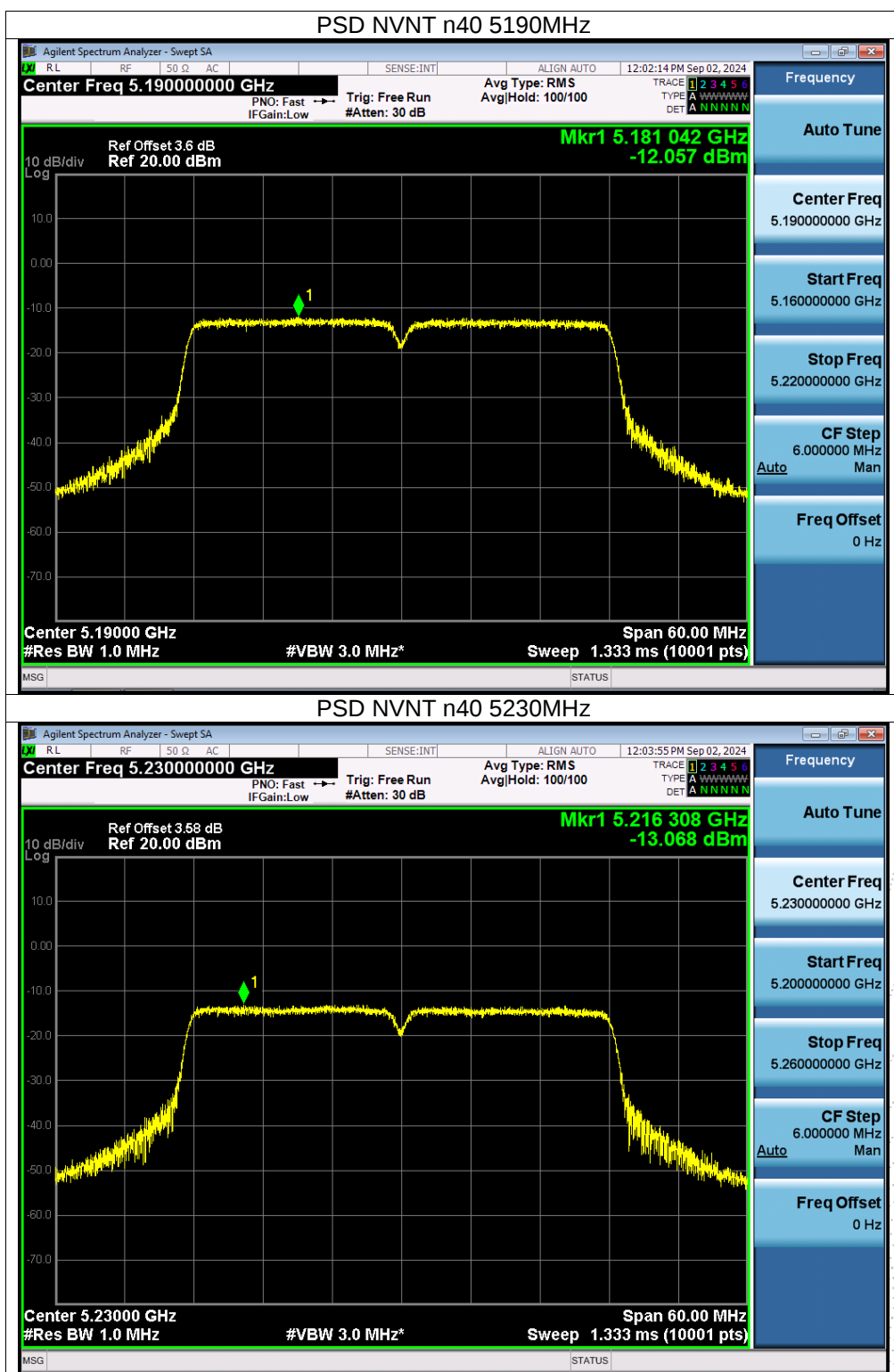
Temperature:	26 °C	Relative Humidity:	54%RH
Pressure:	101KPa	Test Voltage:	AC120V/60Hz
Test Mode:	(5180-5240MHz)		

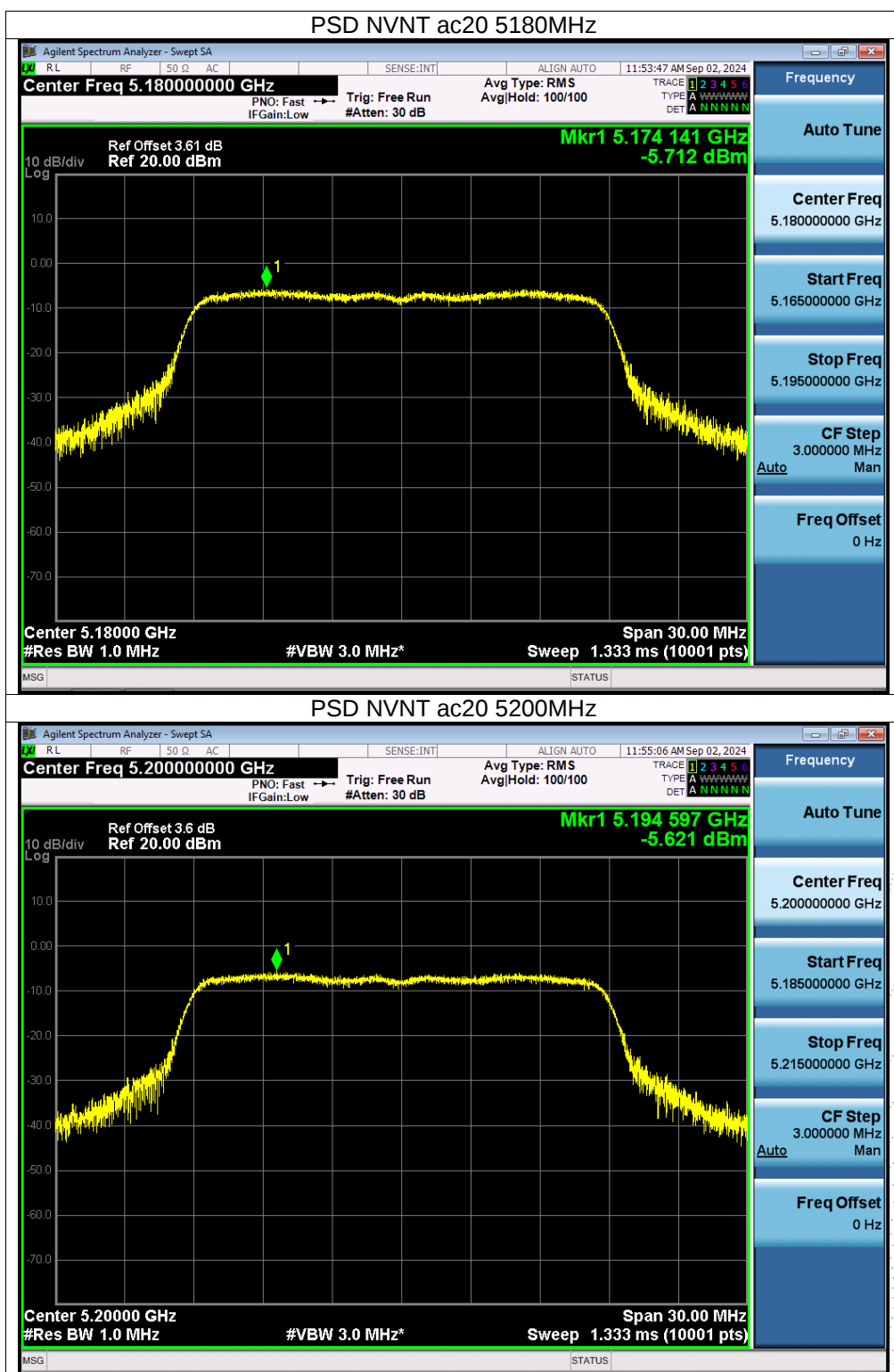
Condition	Mode	Frequency (MHz)	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	-3.43	11	Pass
NVNT	a	5200	-4.06	11	Pass
NVNT	a	5240	-4.15	11	Pass
NVNT	n20	5180	-5.73	11	Pass
NVNT	n20	5200	-5.66	11	Pass
NVNT	n20	5240	-6.44	11	Pass
NVNT	n40	5190	-12.06	11	Pass
NVNT	n40	5230	-13.07	11	Pass
NVNT	ac20	5180	-5.71	11	Pass
NVNT	ac20	5200	-5.62	11	Pass
NVNT	ac20	5240	-6.26	11	Pass
NVNT	ac40	5190	-12.07	11	Pass
NVNT	ac40	5230	-12.79	11	Pass
NVNT	ax20	5180	-5.80	11	Pass
NVNT	ax20	5200	-5.76	11	Pass
NVNT	ax20	5240	-6.54	11	Pass
NVNT	ax40	5190	-6.46	11	Pass
NVNT	ax40	5230	-7.06	11	Pass

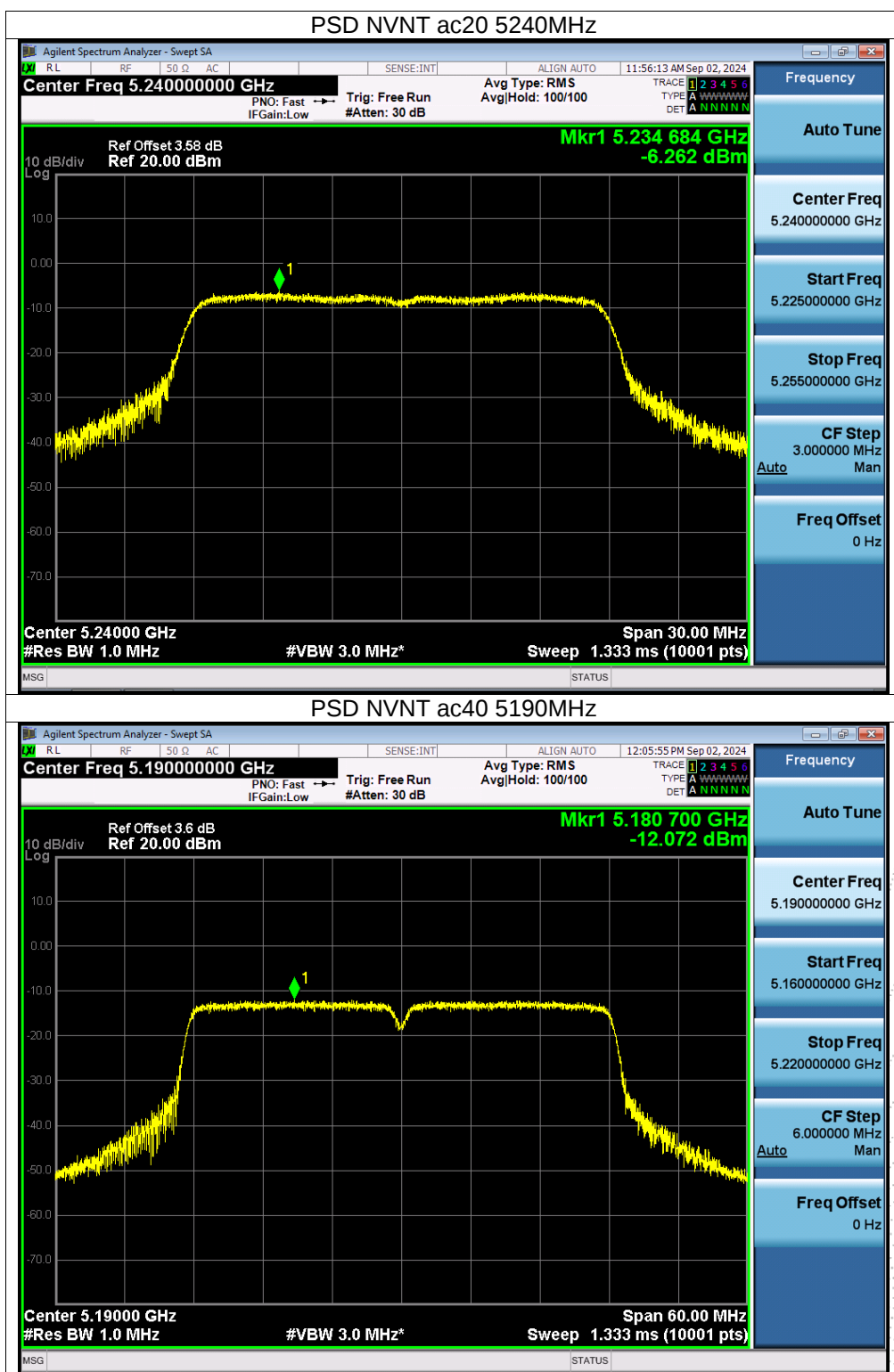


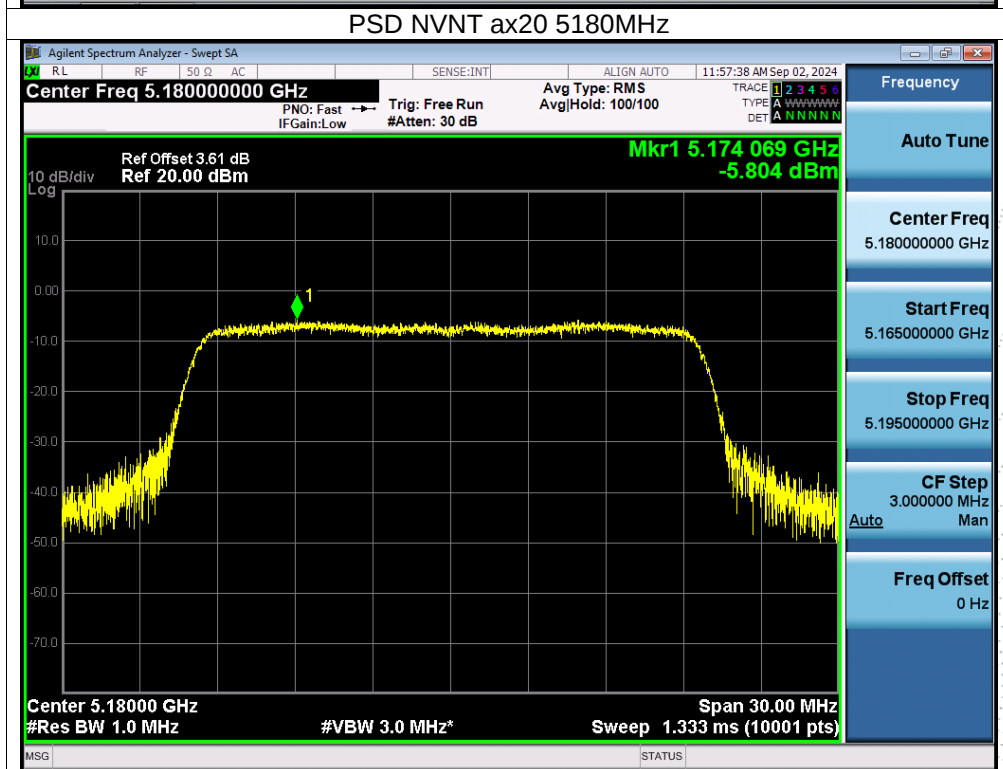
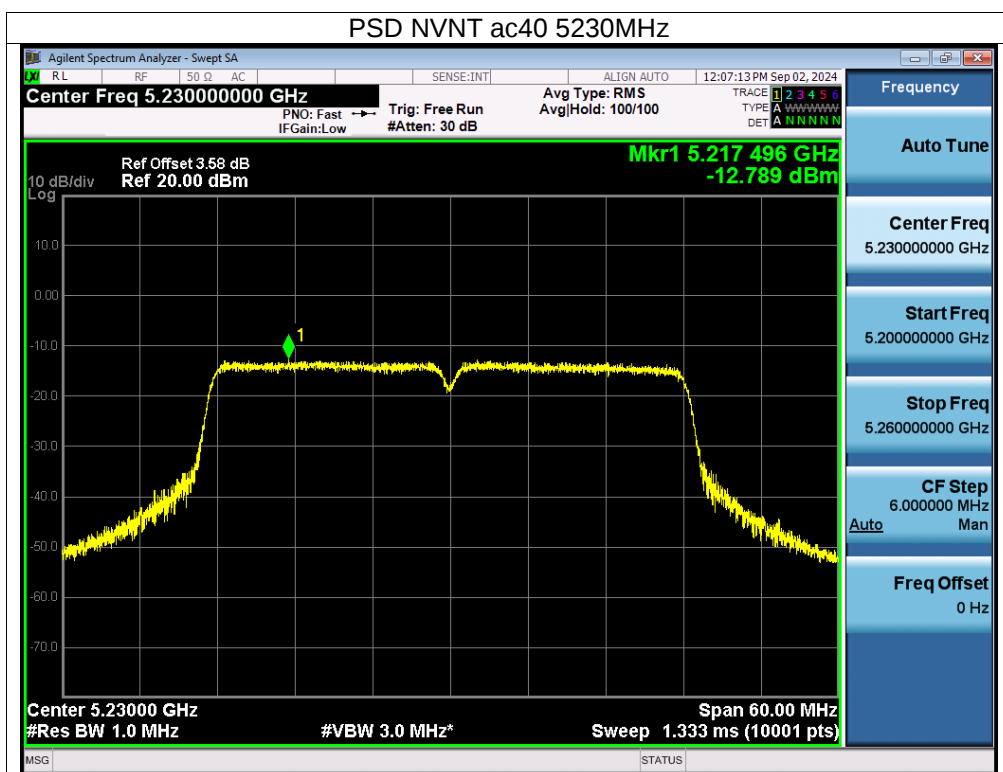


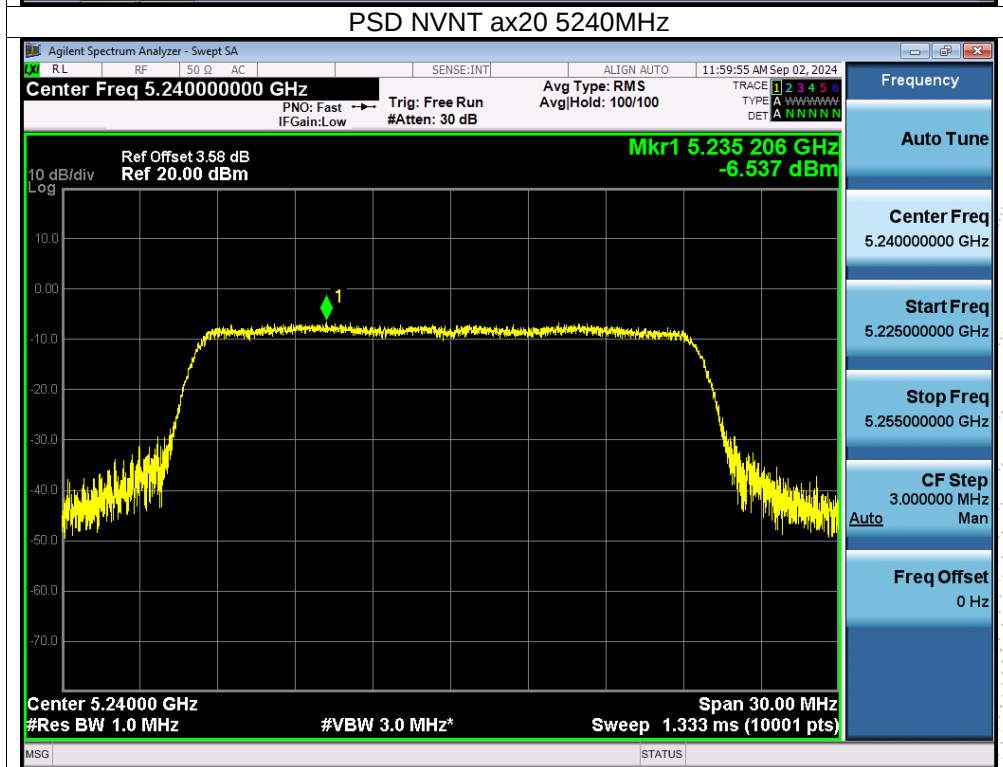
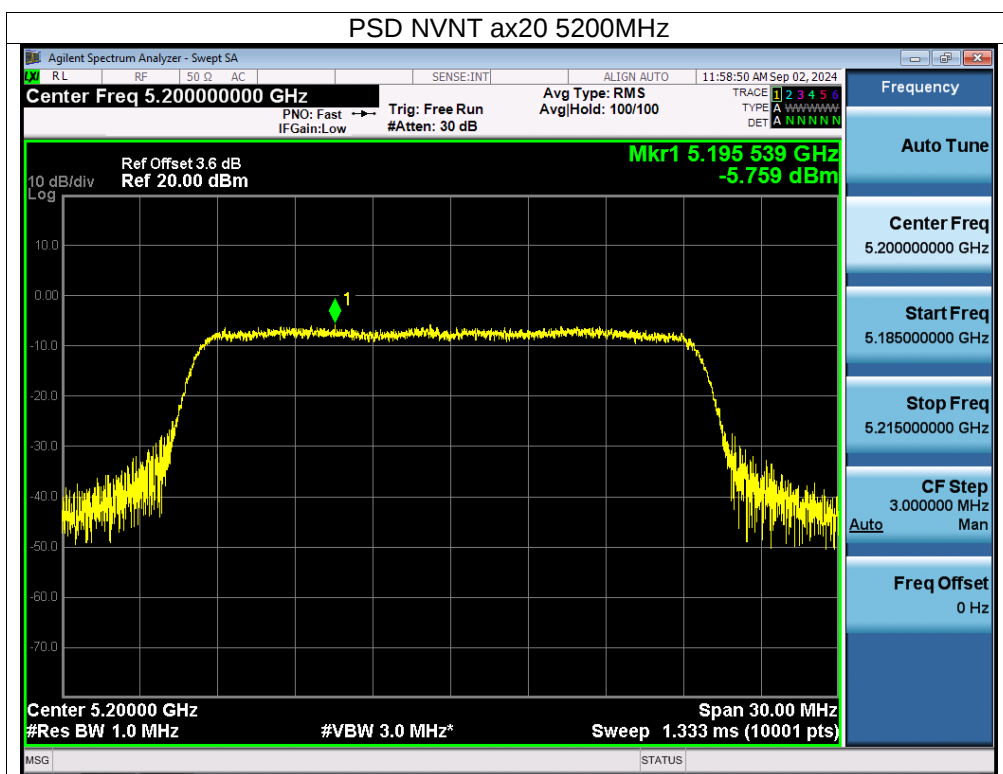




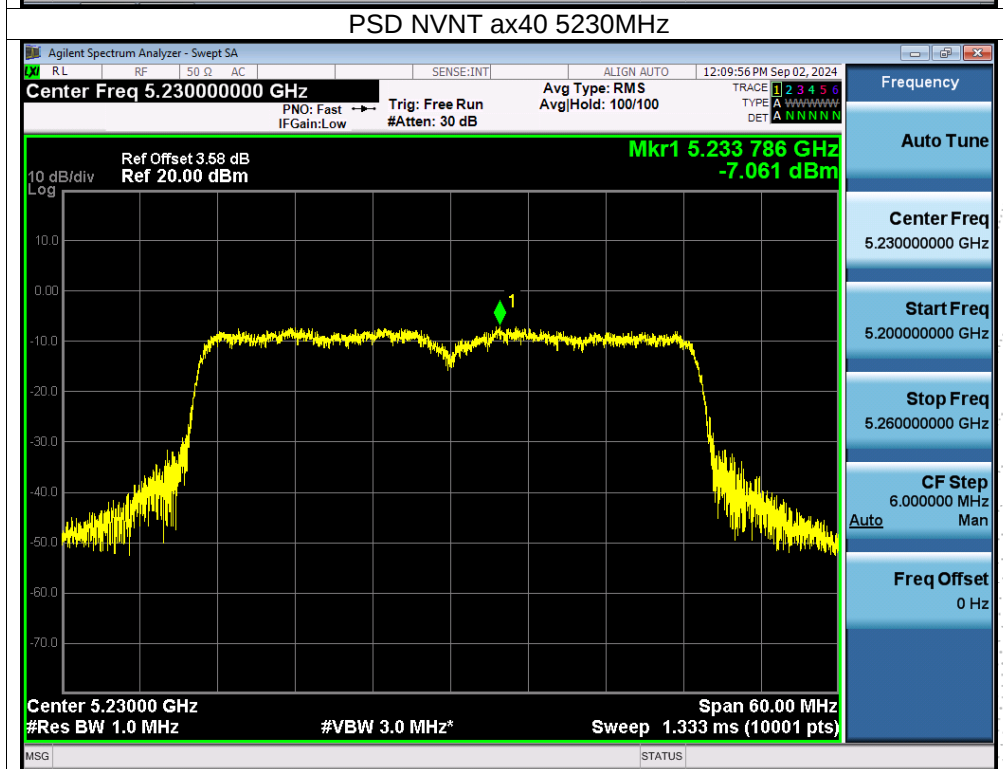
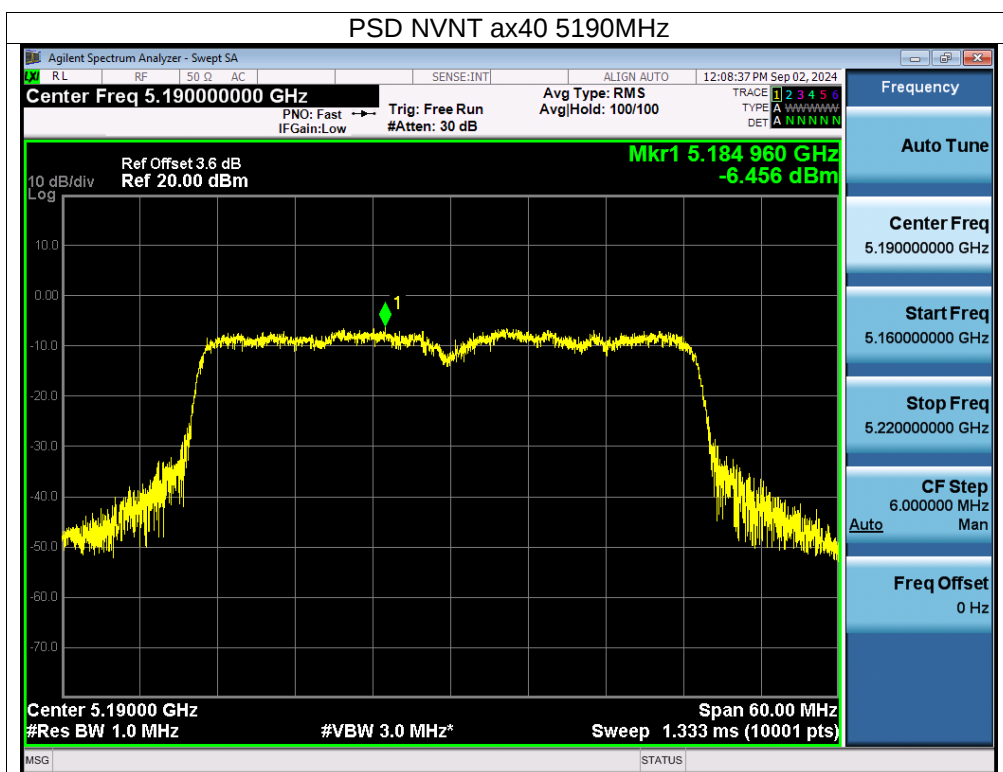






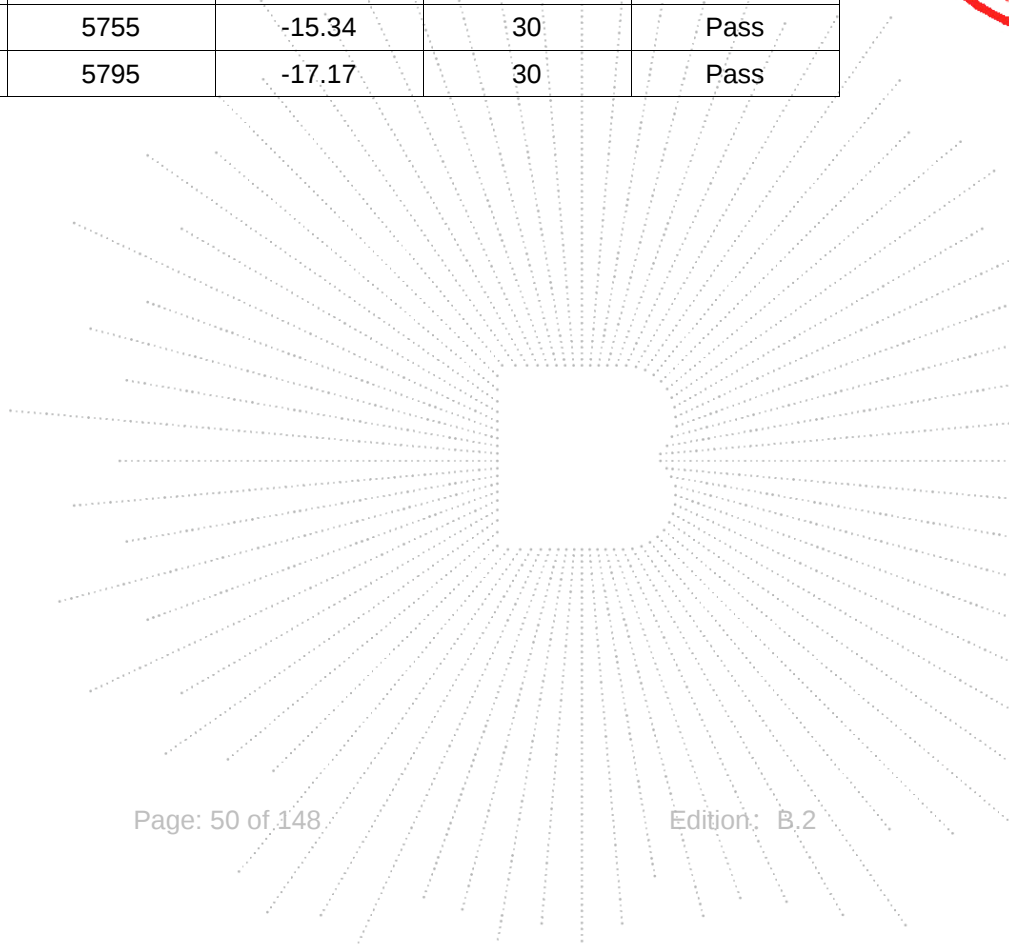


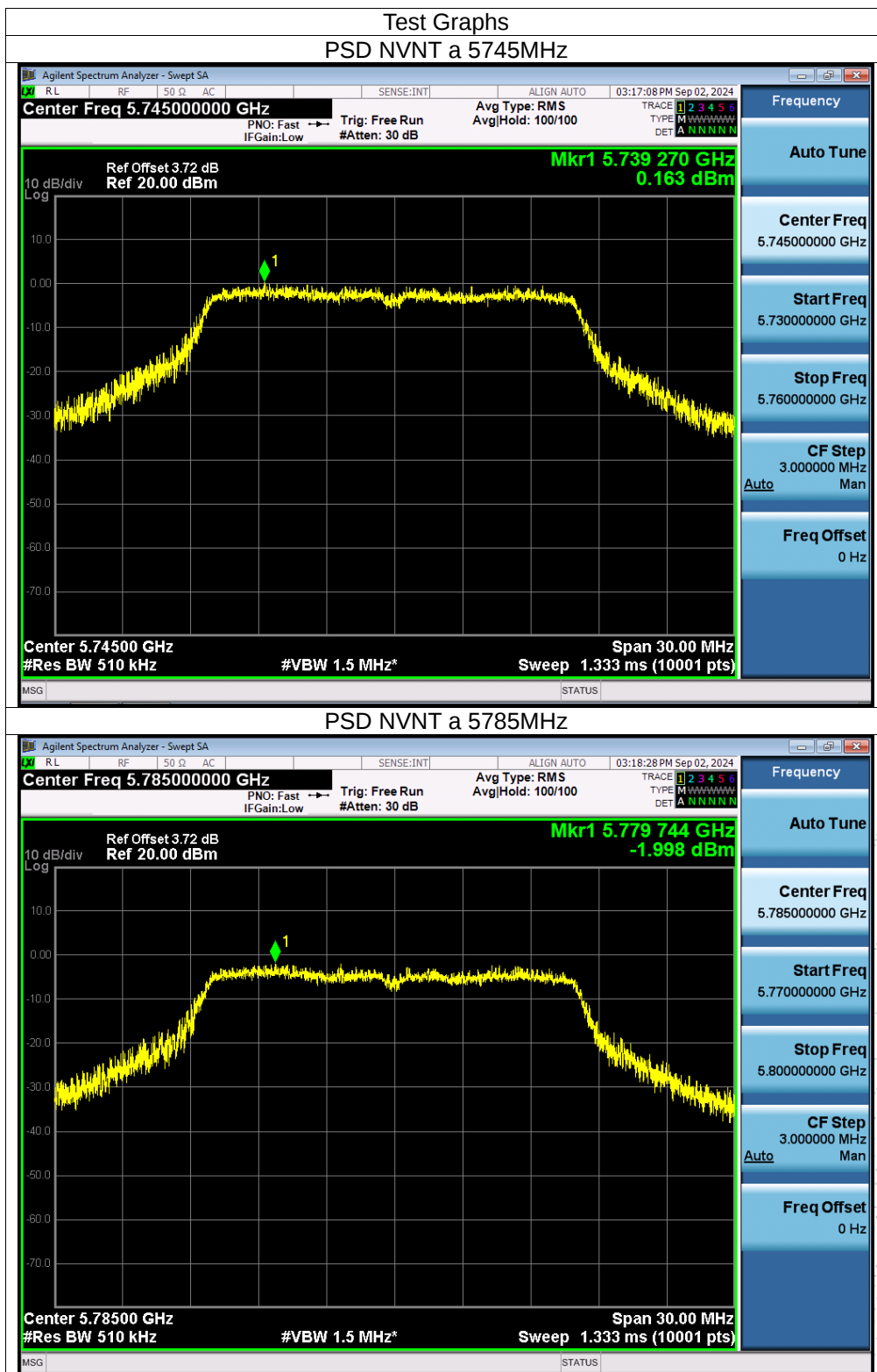
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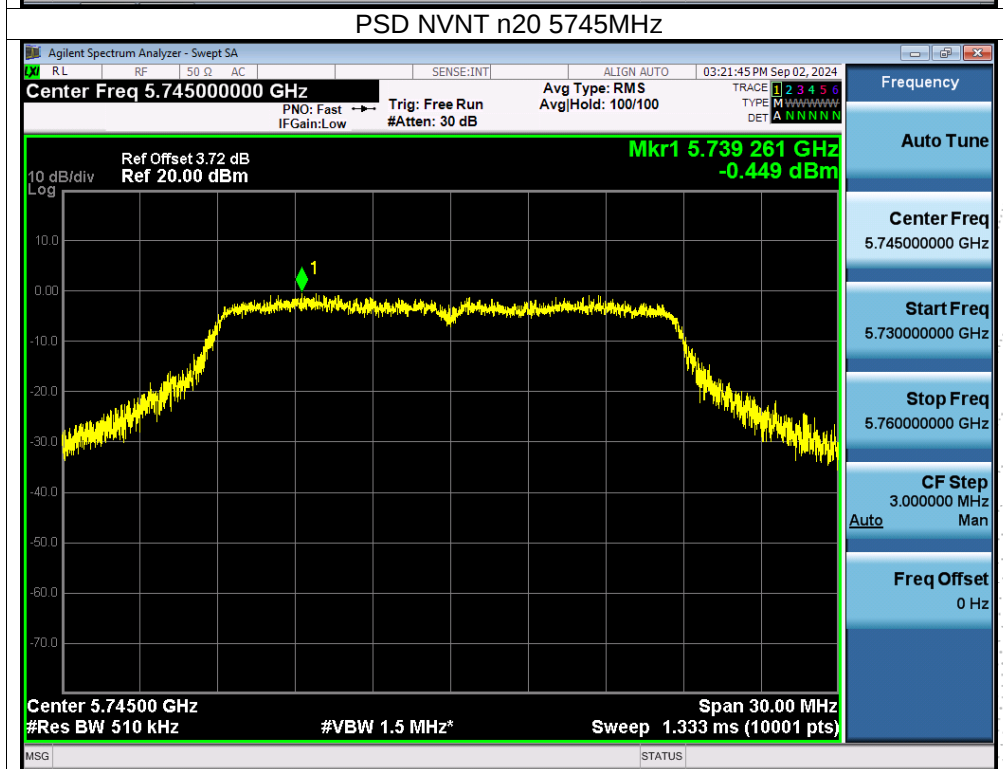
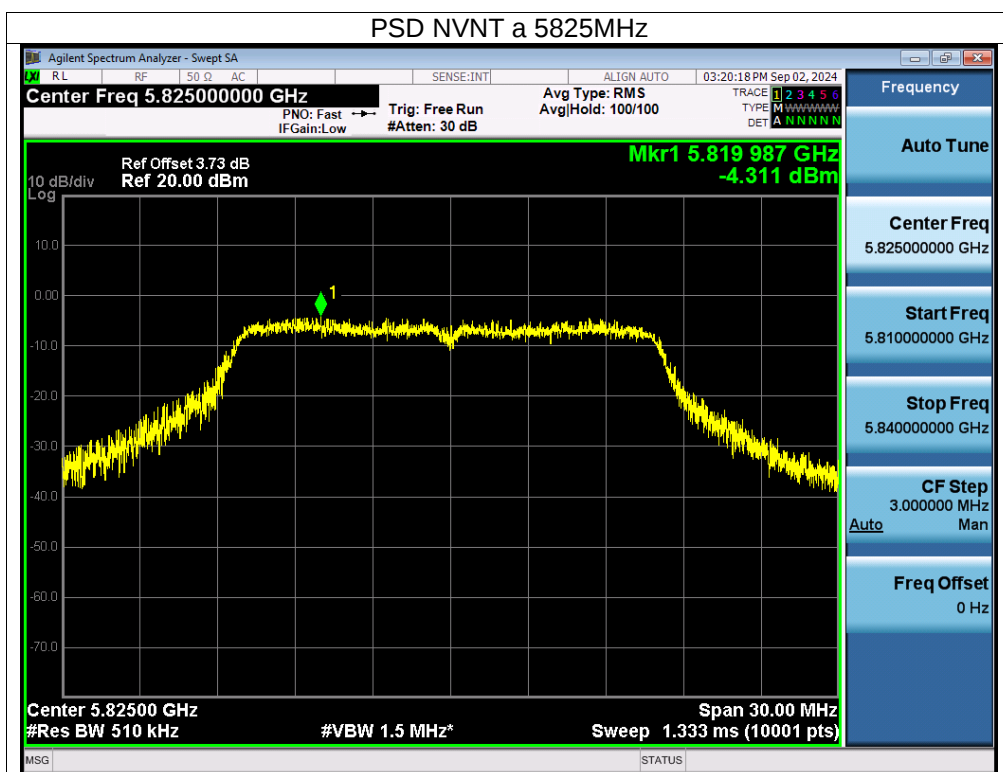


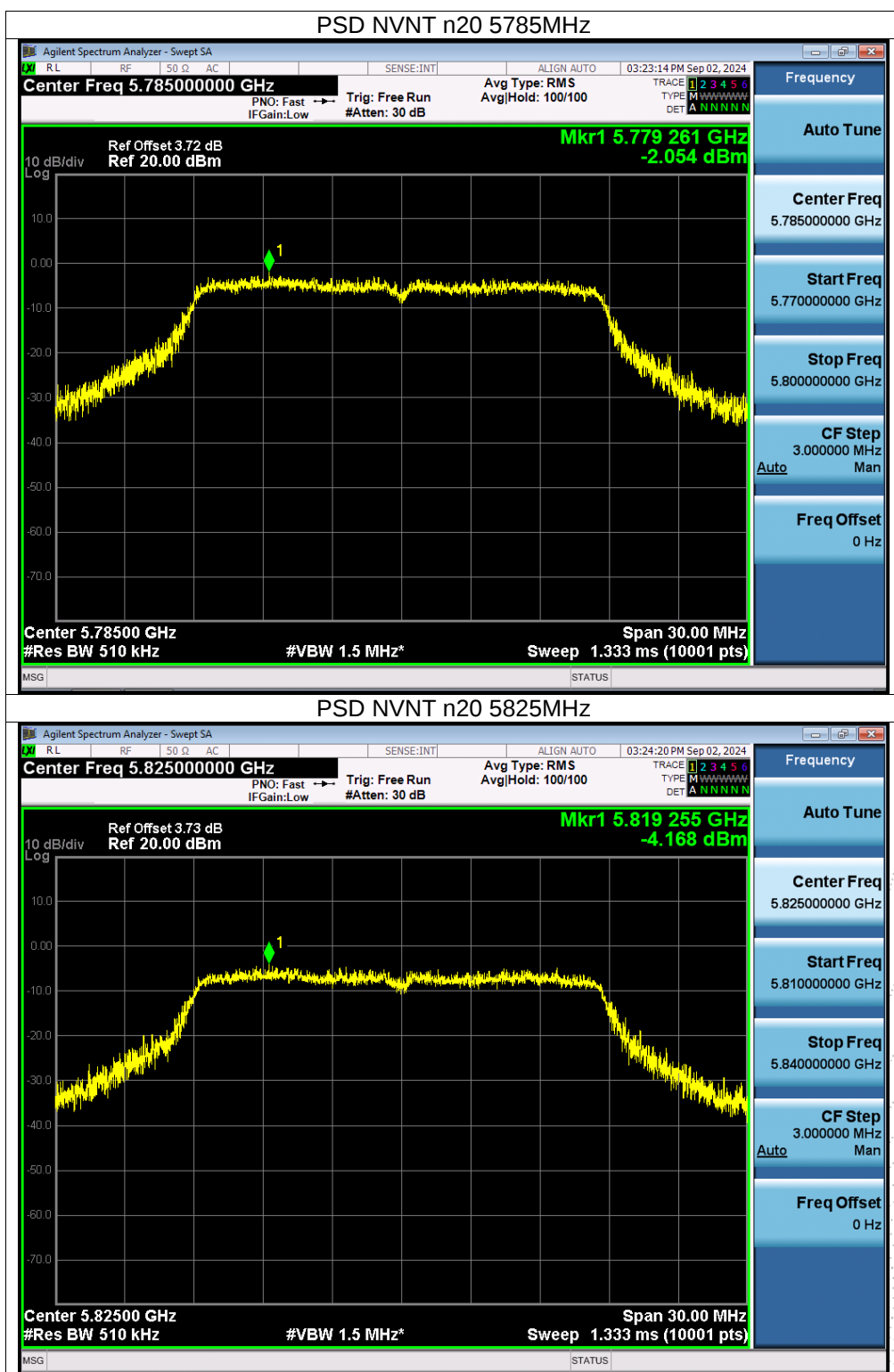
Temperature:	26 °C	Relative Humidity:	54%RH
Pressure:	101KPa	Test Voltage:	AC120V/60Hz
Test Mode:	(5745-5825MHz)		

Condition	Mode	Frequency (MHz)	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	0.16	30	Pass
NVNT	a	5785	-2.00	30	Pass
NVNT	a	5825	-4.31	30	Pass
NVNT	n20	5745	-0.45	30	Pass
NVNT	n20	5785	-2.05	30	Pass
NVNT	n20	5825	-4.17	30	Pass
NVNT	n40	5755	-8.06	30	Pass
NVNT	n40	5795	-9.74	30	Pass
NVNT	ac20	5745	-2.74	30	Pass
NVNT	ac20	5785	-4.61	30	Pass
NVNT	ac20	5825	-6.46	30	Pass
NVNT	ac40	5755	-8.21	30	Pass
NVNT	ac40	5795	-10.33	30	Pass
NVNT	ax20	5745	-10.07	30	Pass
NVNT	ax20	5785	-11.45	30	Pass
NVNT	ax20	5825	-13.64	30	Pass
NVNT	ax40	5755	-15.34	30	Pass
NVNT	ax40	5795	-17.17	30	Pass



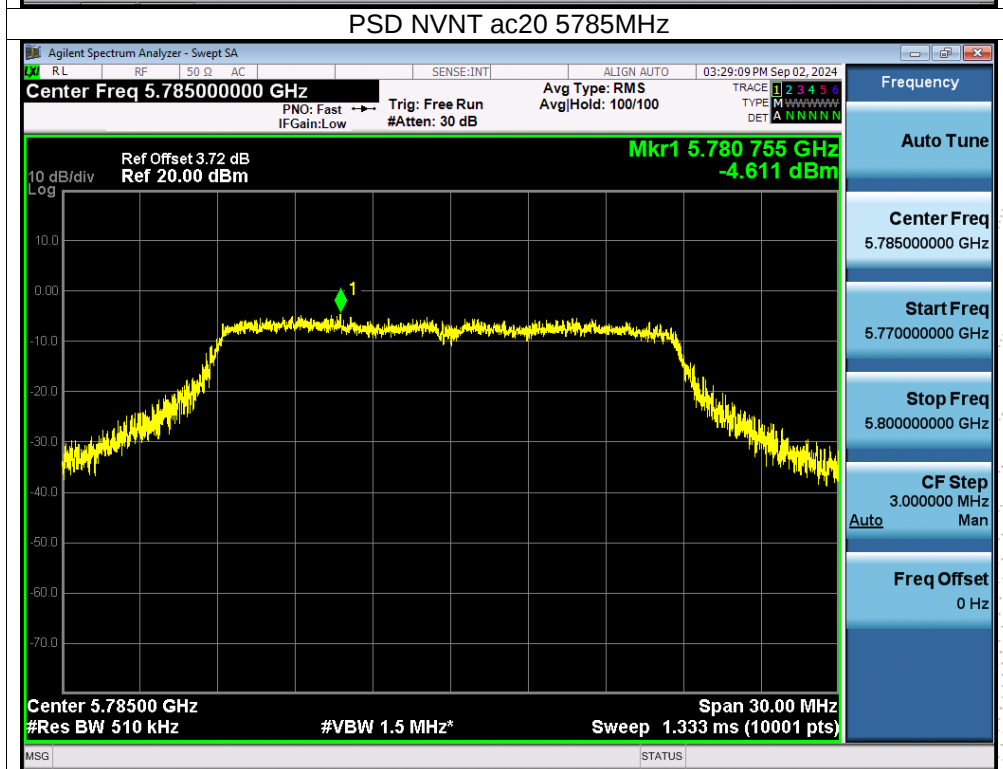
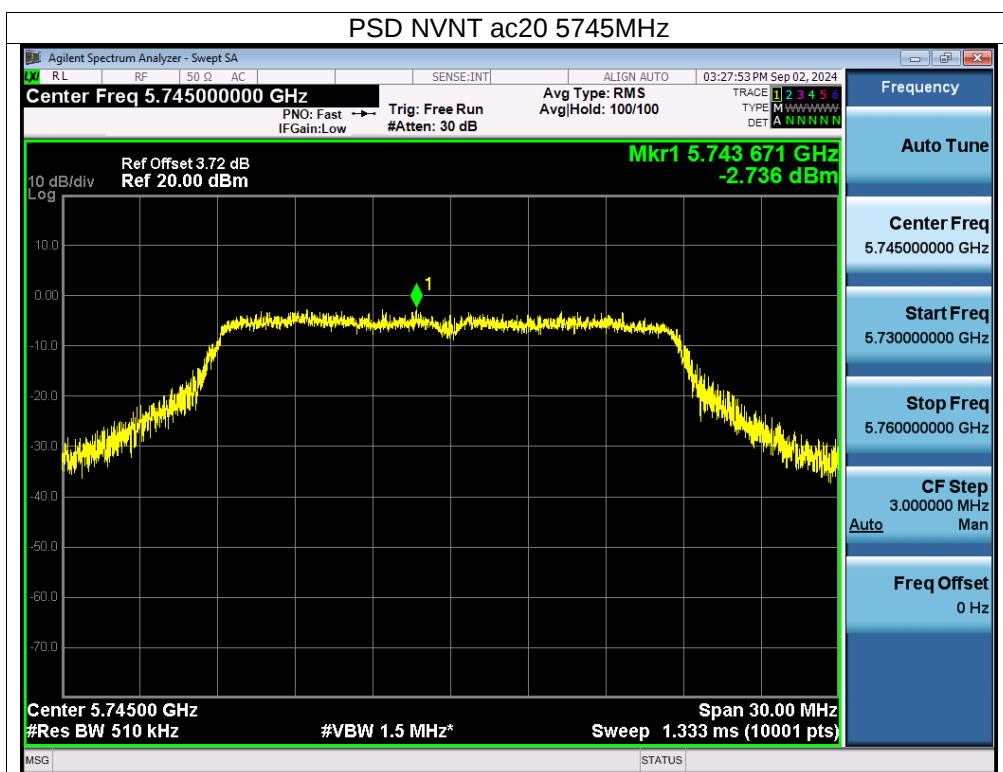




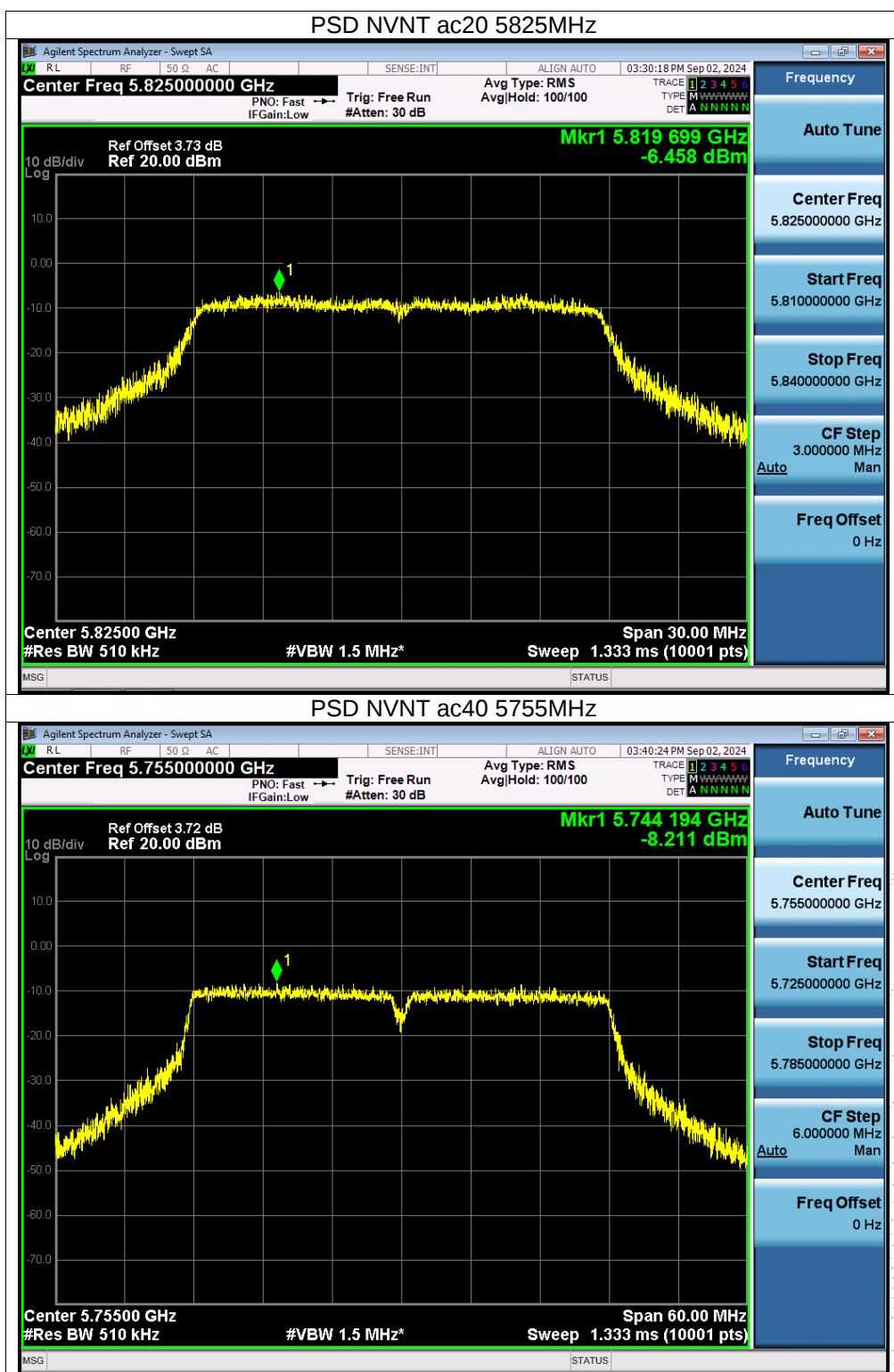


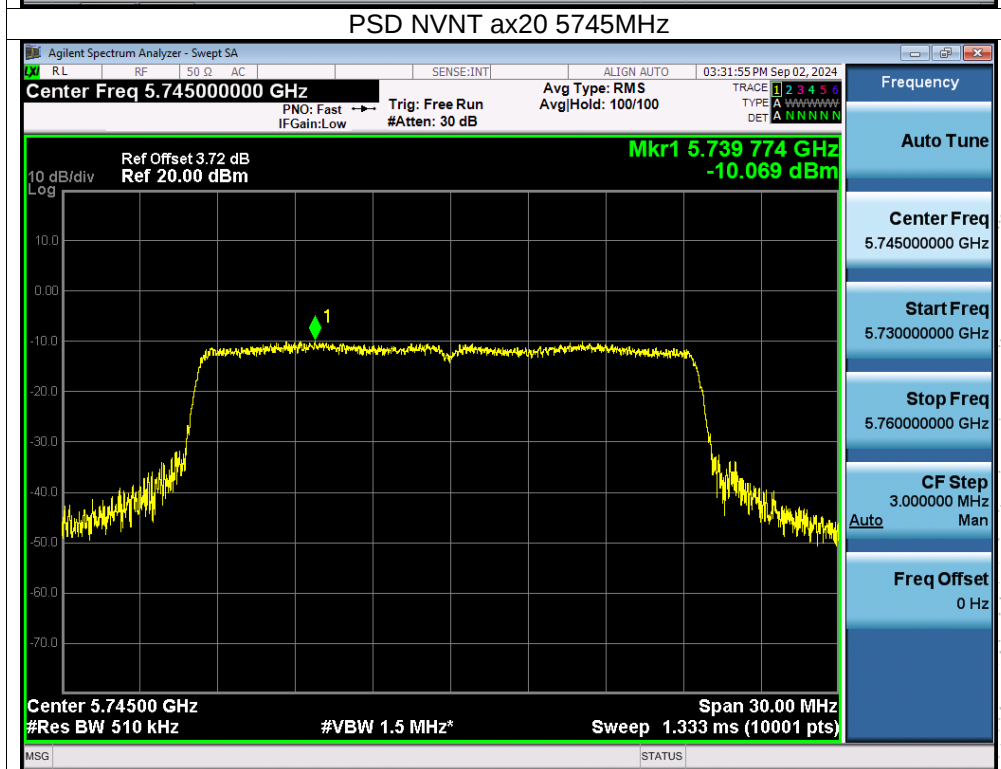
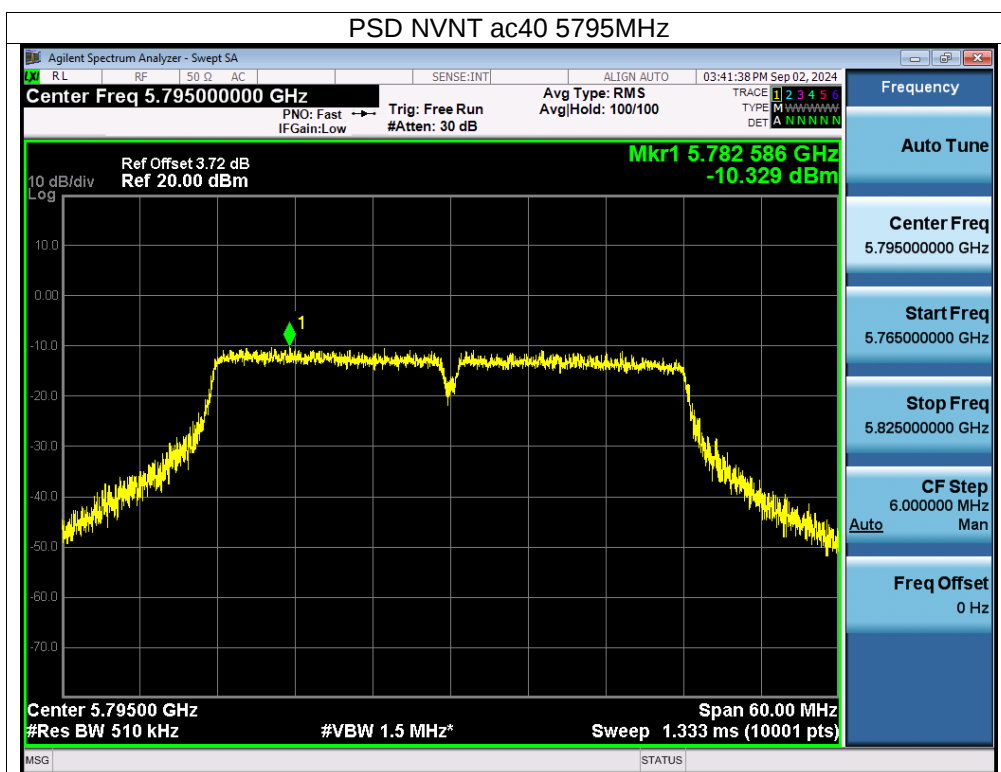


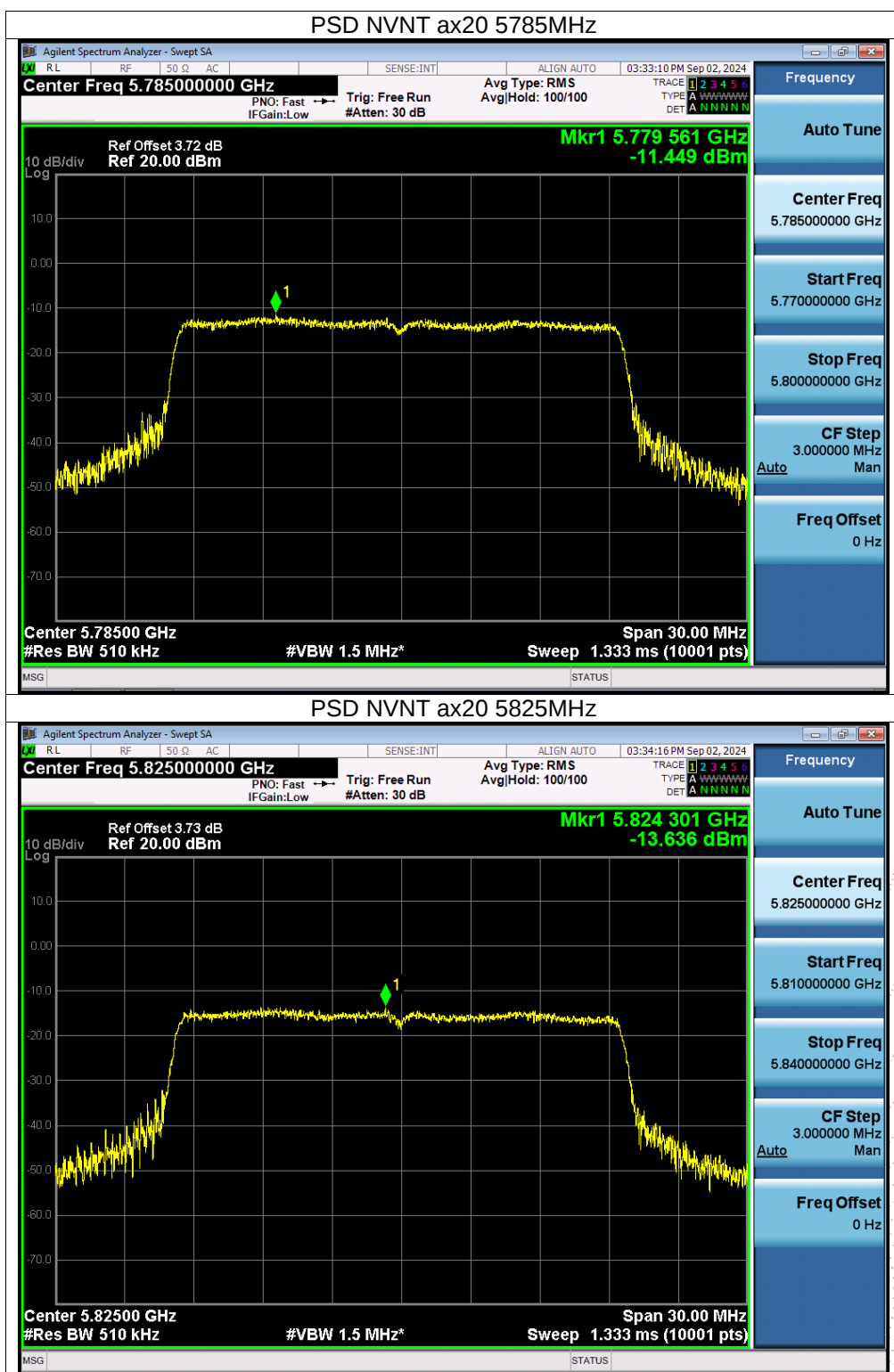
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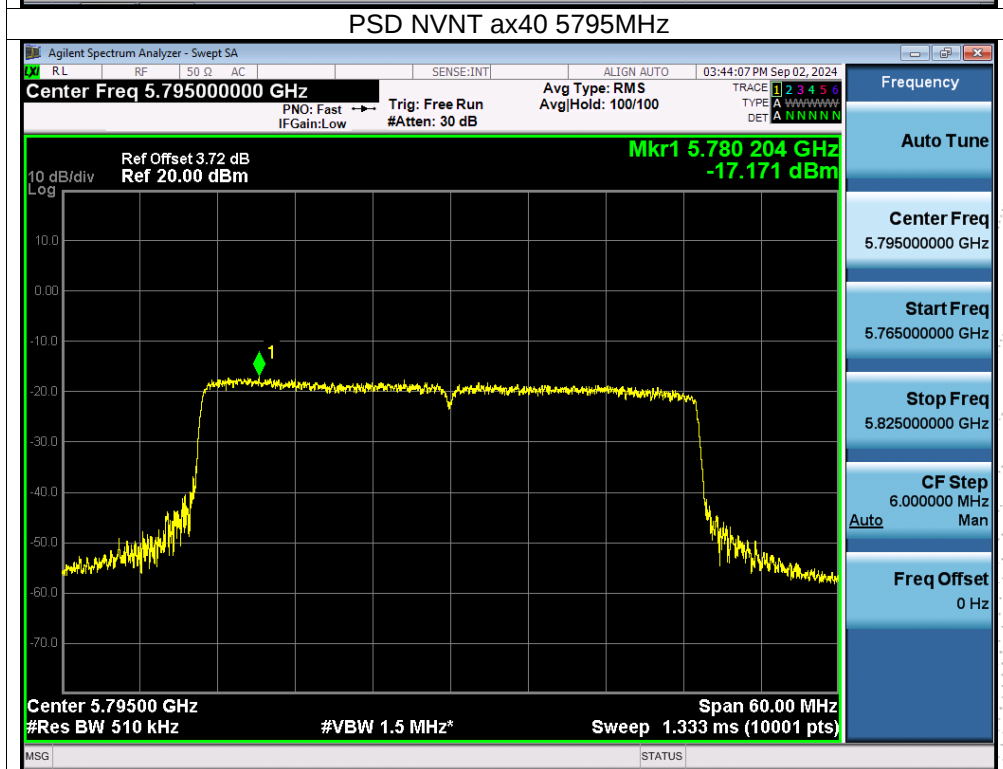
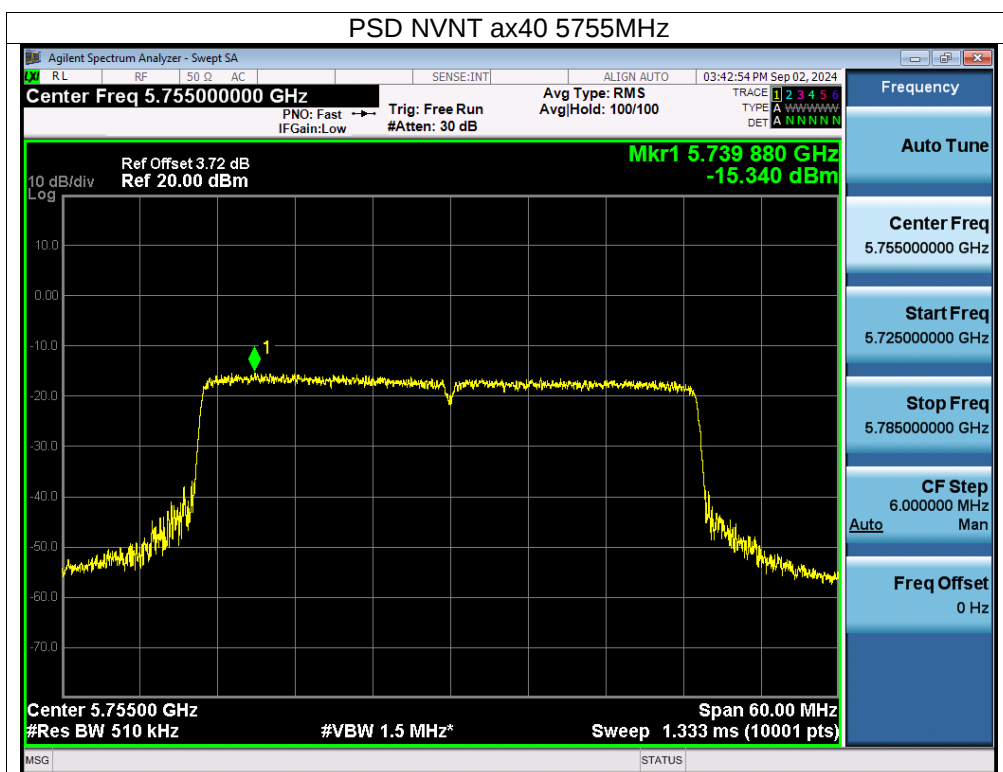


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