RF Test Report

Applicant: NETPRISMA INC.

Address: 1301 6TH AVE, SEATTLE, WA, 98101-2304, UNITED STATES

Product: Multi-mode Smart LTE Module with Wi-Fi & Bluetooth

Model No.: SUV200-LD

Brand Name: Vrileg

FCC ID: 2BEY3SUV200LDA

Standards: FCC CFR47 Part 15C

Report No.: PD20250034-R3D

Issue Date: 2025/04/21

Test Result: PASS *

* **Testing performed at Hefei Panwin Technology Co., Ltd. on the above equipment indicates the product meets the requirements of the relevant standards.**

Reviewed By: Jerry Zhang **Approved By:** Alec Yang

Hefei Panwin Technology Co., Ltd.

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Revision History

Report No.	Version	Description	Issue Date	Note
PD20250034-R3D	1	Initial Report	2025/04/21	Valid

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Test Summary

No.	Test Case	FCC Rules	Verdict
1	Output Power Measurement △	15.247(b)	PASS Note 1
2	6dB and 99% Bandwidth Measurement	15.247(a)(2)	PASS
3	Power Spectral Density Measurement	15.247(e)	PASS
4	Conducted Band Edges and Spurious Emission Measurement	15.247(d)	PASS
5	Radiated Band Edges and Spurious Emission Measurement	15.247(d)	PASS
6	AC Conducted Emission Measurement	15.207	NA
7	Antenna Requirements	15.203 & 15.247(b)	PASS

Date of Testing: 2025/03/06 to 2025/04/21
Date of Sample Received: 2025/03/06

- We, Hefei Panwin Technology Co., Ltd., would like to declare that the tested sample has been evaluated in accordance with the procedures given in applied standard(s) in **Section 2.3** of this report and shown compliance with the applicable technical standards.
- All indications of PASS/FAIL in this report are based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only.

Note 1: This test item is subcontracted to SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. for testing, and the data is provided by SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. FCC (Designation Number: CN1312). A2LA (Certificate No. 6336.01).

1 General Information

1.1 Notes of the Test Report

This report is invalid without signature of auditor and approver or with any alterations. The report shall not be partially reproduced without written approval of the testing company. Entrusted test results are only responsible for incoming samples. If there is any objection to the testing report, it shall be raised to the testing company within 15 days from the date of receiving the report. In the test results, "NA" means "not applicable", and the test items marked with "Δ" are subcontracted projects.

1.2 Test Facility

A2LA (Certificate Number: 6849.01)

Hefei Panwin Technology Co., Ltd. has been accredited by American Association for Laboratory Accreditation to perform measurement.

FCC (Designation Number: CN1361, Test Firm Registration Number: 473156)

Hefei Panwin Technology Co., Ltd. has been accredited on the US Federal Communications Commission list of test facilities recognized to perform measurements.

1.3 Testing Laboratory

Company Name	Hefei Panwin Technology Co., Ltd.
Address	Floor 1, Zone E, Plant 2#, Mingzhu Industrial Park, No.106 Chuangxin Avenue, High-tech Zone, Hefei City, Anhui Province,China
Telephone	+86-0551-63811775
Post Code	230031

2 General Description of Equipment under Test

2.1 Details of Application

Applicant	NETPRISMA INC.
Applicant Address	1301 6TH AVE, SEATTLE, WA, 98101-2304, UNITED STATES
Manufacturer	NETPRISMA INC.
Manufacturer Address	1301 6TH AVE, SEATTLE, WA, 98101-2304, UNITED STATES

2.2 General Information

Product	Multi-mode Smart LTE Module with Wi-Fi & Bluetooth
Model	SUV200-LD
SN	Conducted: E1C24LU1B000045 Radiated: E1C24KG0N000039 & E1C24LU1B000054
Hardware Version	R1.0
Software Version	SUV200LDNA0101
Directional Gain	NA
Antenna Type	External Antenna
Antenna Gain	0.47dBi
Max. Conducted Power	Peak: 22.08dBm Average: 18.26dBm
Operating voltage	Typical 3.8Vdc
Type of Modulation	WLAN 802.11b/g/n HT20/n HT40: DBPSK,DQPSK,CCK,BPSK,QPSK, 16QAM,64QAM
Operating Frequency Range(s)	802.11b/g/n HT20: 2412 to 2462MHz 802.11n HT40: 2422 to 2452MHz
Note: The declared of product specification for EUT and/or Antenna presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.	

2.3 Application Standards

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

- 47 CFR Part 15 Subpart C §15.247
- FCC KDB 558074 D01 15.247 Meas Guidance v05r02
- ANSI C63.10-2013

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

3 Test Condition

3.1 Test Configuration

Test mode

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture). The worst cases were recorded in this report.

Radiated measurements are performed by rotating the EUT in three different orthogonal test planes (Z, X, Y axis), receiver antenna polarization (horizontal and vertical), the worst emission was found in Z position and the worst case was recorded.This report presents the data for the worst polarity.

Test Mode	Data Rate(Mbps)
802.11b_SISO	1
802.11g_SISO	6
802.11n HT20_SISO	MCS0
802.11n HT40_SISO	MCS0

3.2 Carrier Frequency and Channel

Frequency Band	Channel	Freq.(MHz)	Channel	Freq.(MHz
2400-2483.5 MHz	1	2412	7	2442
	2	2417	8	2447
	3	2422	9	2452
	4	2427	10	2457
	5	2432	11	2462
	6	2437	/	/

3.3 Equipment List

Conducted

Instrument	Manufacturer	Model	Asset No.	Cal. Interval	Cal. Due Date
Spectrum Analyzer	KEYSIGHT	N9020B	PWC0048	1 Year	2025/09/11
Power Meter Note	Anritsu	ML2495A	SUWI-01-31-01	1 Year	2025/11/18
RF Control Unit	Tonseced	JS0806-2	PWC0055	/	/
DC Power	Keysight	E3640A	PWC0046	1 Year	2025/09/12
Shielded Chamber	Maorui	MR543	PWC0041	3 Years	2026/08/26
Test Software	Tonseced	JS1120-3 V3.2.22	/	/	/

Note:This test equipment information is provided by SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. FCC (Designation Number: CN1312). A2LA (Certificate No. 6336.01).

Radiated

Instrument	Manufacturer	Model	Asset No.	Cal. Interval	Cal. Due Date
EMI Test Receiver	R&S	ESR7	PWB0023	1 Year	2025/09/11
Spectrum Analyzer	R&S	FSV3044	PWB0024	1 Year	2025/09/11
Loop Antenna	R&S	HFH2-Z2E	PWB0026	1 Year	2025/09/13
TRILOG Broadband	Schwarzbeck	VULB9162	PWB0029	1 Year	2025/09/09
Double-Ridged Guide Antenna	ETS-Lindgren	3117	PWB0031	1 Year	2025/09/26
k Type Horn Antenna	Steatite Antennas	QMS-00880	PWB0035	1 Year	2025/09/08
Pre-Amplifier	R&S	SCU40F1	PWB0036	1 Year	2025/09/11
Pre-Amplifier	COM-MW	DLNA8	PWB0094	1 Year	2025/09/11
Pre-Amplifier	R&S	SCU18F	PWB0034	1 Year	2025/09/11
Pre-Amplifier	R&S	OSP220 (OSP-B155G)	PWB0042	1 Year	2025/09/11
Anechoic Chamber	ETS.LINDGREN	Fact 3-2m	PWB0003	3 Years	2026/06/05
Test Software	Tonscend	TS+ 5.0.0	/	/	/

3.4 Support Equipment List

Equipment	Manufacturer	Description	Model	Serial Number
EVB	NETPRISMA INC.	/	Q1-A0770	MPY24F82X000232 MPY24F82X000193
Adapter	Shenzhen Keyu Power Supply Technology Co.,Ltd	AC to DC power supply to EVB	KA1801A-0503000DE	/

3.5 Test Uncertainty

No.	Parameter	Uncertainty
1	DTS Bandwidth	1.9 %
2	Occupied channel bandwidth	1.9 %
3	Duty Cycle	0.11 %
4	Total RF power, conducted Note	±0.54dB
5	Maximum Power Spectral Density Level	0.98 dB
6	Band-edge Compliance	1.21dB
7	Unwanted Emissions In Non-restricted Frequency Bands	9kHz-7GHz: 1.21 dB 7GHz-40GHz: 3.31 dB
8	Radiated Band Edges and Spurious Emission	Below 1GHz: 4.88 dB Above 1GHz: 5.06 dB
9	Temperature	3 °C
10	Humidity	1.3 %
11	Supply Voltages	0.006 V

Note: This test Uncertainty information is provided by SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. **FCC** (Designation Number: CN1312). **A2LA** (Certificate No. 6336.01).

4 Test Items Description

Ambient condition

Shielded Chamber

Temperature [°C]	20.7 to 25.4
Humidity [%RH]	31 to 50
Pressure [kPa]	100.2 to 104.1

Anechoic Chamber

Temperature [°C]	21.1 to 22.9
Humidity [%RH]	30 to 46
Pressure [kPa]	99.5 to 102.3

4.1 Output Power Measurement Δ

4.1.1 Limit of Output Power

For systems using digital modulation in the 2400-2483.5MHz, the limit for peak output power is 30dBm.

If transmitting antenna of directional gain greater than 6dBi is used, the peak output power from the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the antenna exceeds 6 dBi. In case of point-to-point operation, the limit has to be reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi.

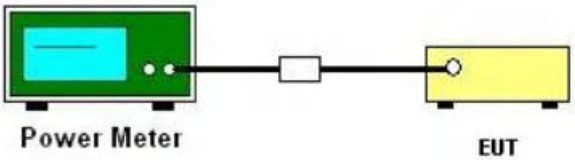
4.1.2 Measuring Instruments

The section 2.3 of List of Measuring Equipment of this test report is used for test.

4.1.3 Test Procedures

1. The testing follows the Measurement Procedure of ANSI C63.10-2013 clause 11.9.1.3 PKPM1Peak power meter or ANSI C63.10-2013 clause 11.9.2.3.1 Method AVGPM method.
2. The RF output of EUT was connected to the power meter by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Measure the conducted output power and record the results in the test report.
5. Duty factor =10 log (1/x), where x is the measured duty cycle.

4.1.4 Test Setup



4.1.5Test Results

See ANNEX A.1.

4.2 6dB and 99% Bandwidth Measurement

4.2.1 Limit of 6dB and 99% Bandwidth

The minimum 6 dB bandwidth shall be at least 500 kHz

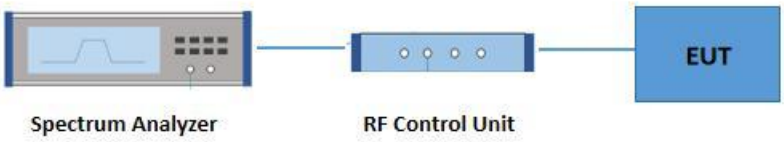
4.2.2 Measuring Instruments

The section 3.3 of List of Measuring Equipment of this test report is used for test.

4.2.3 Test Procedures

1. The testing follows ANSI C63.10-2013 clause 11.8 & 6.9.3.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. Set the Video bandwidth (VBW) = 300 kHz. In order to make an accurate measurement. The 6 dB bandwidth must be greater than 500 kHz.
5. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1% to 5% of the 99% OBW and the VBW is set to 3 times of the RBW.
6. Measure and record the results in the test report.

4.2.4 Test Setup



4.2.5 Test Results

See ANNEX A.2.

4.3 Power Spectral Density Measurement

4.3.1 Limit of Power Spectral Density

Rule Part 15.247(e) specifies that" For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

4.3.2 Measuring Instruments

The section 3.3 of List of Measuring Equipment of this test report is used for test.

4.3.3 Test Procedures

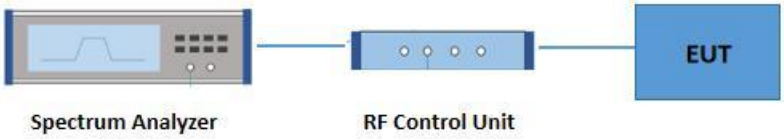
The testing follows ANSI C63.10-2013 clause 11.10.5.

Method AVGPSD-2 uses trace averaging across ON and OFF times of the EUT transmissions, followed by duty cycle correction.

The following procedure is applicable when the EUT cannot be configured to transmit continuously (i.e., D < 98%), when sweep triggering/signal gating cannot be used to measure only when the EUT is transmitting at its maximum power control level, and when the transmission duty cycle is constant (i.e., duty cycle variations are less than ±2%):

1. Measure the duty cycle (D) of the transmitter output signal as described in 11.6.
2. Set instrument center frequency to DTS channel center frequency.
3. Set span to at least 1.5 times the OBW.
4. Set RBW to: 3 kHz ≤ RBW ≤ 100 kHz.
5. Set VBW ≥ [3 × RBW].
6. Detector = power averaging (rms) or sample detector (when rms not available).
7. Ensure that the number of measurement points in the sweep ≥ [2 × span / RBW].
8. Sweep time = auto couple.
9. Do not use sweep triggering; allow sweep to "free run."
10. Employ trace averaging (rms) mode over a minimum of 100 traces.
11. Use the peak marker function to determine the maximum amplitude level.
12. Add [10 log (1 / D)], where D is the duty cycle measured in step a), to the measured PSD to compute the average PSD during the actual transmission time.
13. If measured value exceeds requirement specified by regulatory agency, then reduce RBW (but no less than 3 kHz) and repeat (note that this may require zooming in on the emission of interest and reducing the span to meet the minimum measurement point requirement as the RBW is reduced).

4.3.4 Test Setup



4.3.5 Test Result of Power Spectral Density

Please refer to ANNEX A.3.

4.4 Conducted Band Edges and Spurious Emission Measurement

4.4.1 Limit of Conducted Band Edges and Spurious Emission

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

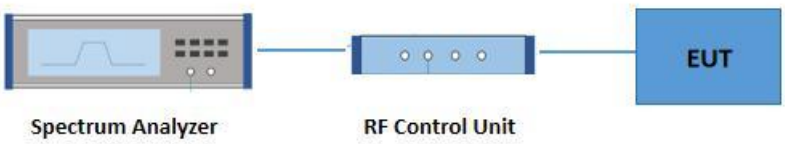
4.4.2 Measuring Instruments

The section 3.3 of List of Measuring Equipment of this test report is used for test

4.4.3 Test Procedure

1. The testing follows ANSI C63.10-2013 clause 11.13.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Set RBW = 100 kHz, VBW=300 kHz, Peak Detector. Unwanted Emissions measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when maximum peak conducted output power procedure is used. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.
5. Measure and record the results in the test report.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

4.4.4 Test Setup



4.4.5 Test Result

Please refer to ANNEX A.4.

4.5 Radiated Band Edges and Spurious Emission Measurement

4.5.1 Limit of Radiated Band Edges and Spurious Emission

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics/spurious must be at least 20 dB below the highest emission level within the authorized band. If the output power of this device was measured by spectrum analyzer, the attenuation under this paragraph shall be 30 dB instead of 20 dB. In addition, radiated emissions which fall in the restricted bands must also comply with the limits as below.

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30-88	100	3
88 -216	150	3
216 - 960	200	8
Above 960	500	3

4.5.2 Measuring Instruments

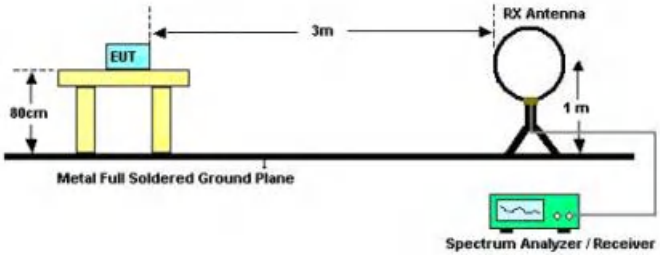
The section 3.3 of List of Measuring Equipment of this test report is used for test.

4.5.3 Test Procedures

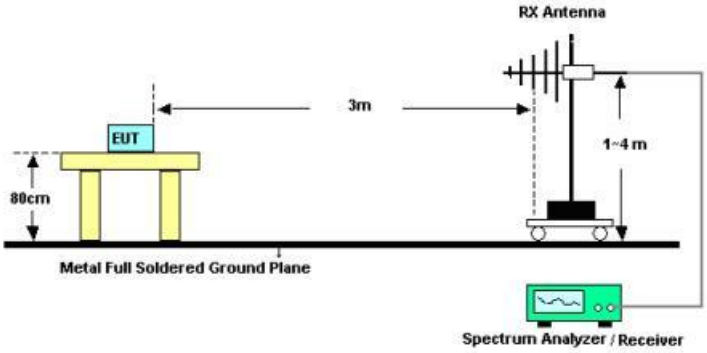
1. The testing follows ANSI C63.10-2013 clause 11.12
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level -Pre-amp Factor = Level
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than peak limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
8. Use the following spectrum analyzer settings:
   (1) Span shall wide enough to fully capture the emission being measured.
   (2) Set RBW=100 kHz for f < 1 GHz; VBW ≥ RBW; Sweep = auto; Detector function = peak; Trace = max hold.
   (3) Set RBW = 1 MHz, VBW= 3MHz for ≥ 1 GHz for peak measurement
   For average measurement:
   VBW= 10 Hz, when duty cycle is no less than 98 percent.
   VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

4.5.4 Test Setup

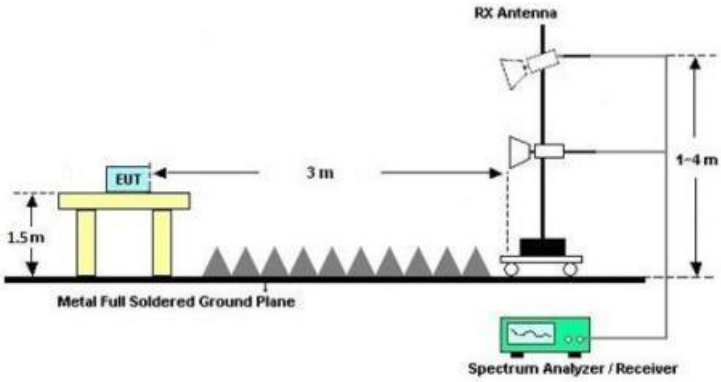
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



4.5.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

4.5.6 Test Result of Radiated Spurious at Band Edges

Please refer to ANNEX B.1.

4.5.7 Test Result of Radiated Spurious Emission (30MHz ~ 10th Harmonic or 40GHzwhichever is lower)

Please refer to ANNEX B.1.

4.5.8 Duty Cycle

Please refer to ANNEX A.5.

4.6 AC Conducted Emission Measurement

4.6.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of emission (MHz)	Conducted limit (dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

Decreases with the logarithm of the frequency.

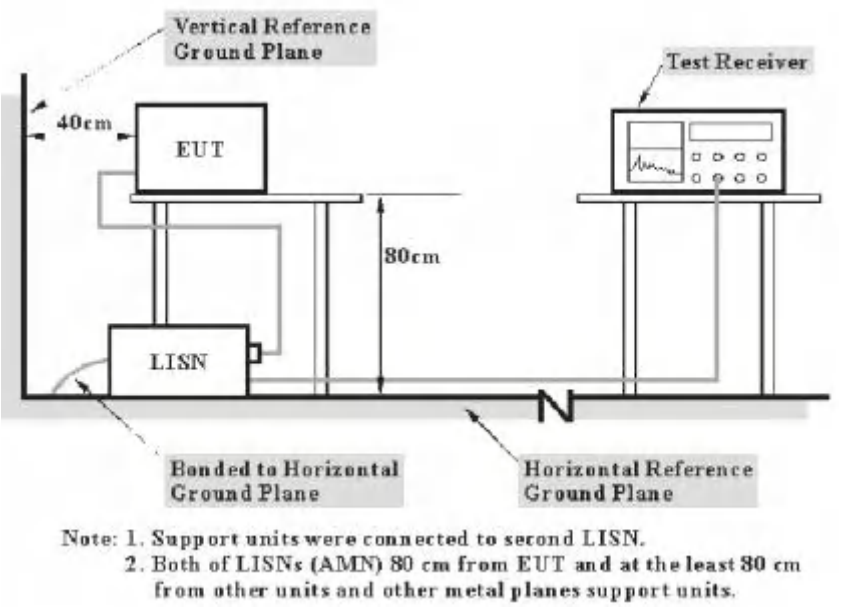
4.6.2 Measuring Instruments

The section 3.3 of List of Measuring Equipment of this test report is used for test.

4.6.3 Test Procedures

1. The testing follows ANSI C63.10-2013 clause 6.2.
2. The mains terminal disturbance voltage test was conducted in a shielded room.
3. The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50μH + 5Ωlinear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.
4. The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane.
5. The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.
6. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10-2013 on conducted measurement.

4.6.4 Test Setup



4.6.5 Uncertainty Measurement

Where relevant,the following measurement uncertainty levels have been estimated for tests performed on the EUT. The listed uncertainties are the worst case uncertainty for the entire range of measurement. Please note that the uncertainty values are provided for informational purposes only and are not used in determining the PASS/FAIL results. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

CASE	Uncertainty
Continuous Emission (AC port)	2.92 dB

4.6.6 Test Result

Remark: The product is DC powered, this test item is not applicable.

4.7 Antenna Requirements

4.7.1 Standard Applicable

15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

15.247(b) (4) requirement: The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and(b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6dBi.

4.7.2 Antenna Anti-Replacement Construction

The antenna is External on the main PCB and no consideration of replacement. The best case gain of the antenna is 0.47dBi.

-------- THE END --------

ANNEX A: Test Results of Conducted Test

A.1 Conducted Output Power Δ

Test Result_Peak

Test Mode	Antenna	Frequency [MHz]	Power setting	Peak power [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	18.00	20.54	≤30.00	0.47	21.01	≤36.00	PASS
11B	Ant1	2437	18.00	20.42	≤30.00	0.47	20.89	≤36.00	PASS
11B	Ant1	2462	17.00	20.75	≤30.00	0.47	21.22	≤36.00	PASS
11G	Ant1	2412	16.00	20.21	≤30.00	0.47	20.68	≤36.00	PASS
11G	Ant1	2437	17.50	22.08	≤30.00	0.47	22.55	≤36.00	PASS
11G	Ant1	2462	15.00	20.15	≤30.00	0.47	20.62	≤36.00	PASS
11N20SISO	Ant1	2412	15.50	19.65	≤30.00	0.47	20.12	≤36.00	PASS
11N20SISO	Ant1	2437	16.50	21.18	≤30.00	0.47	21.65	≤36.00	PASS
11N20SISO	Ant1	2462	14.50	19.87	≤30.00	0.47	20.34	≤36.00	PASS
11N40SISO	Ant1	2422	15.00	20.52	≤30.00	0.47	20.99	≤36.00	PASS
11N40SISO	Ant1	2437	16.50	21.68	≤30.00	0.47	22.15	≤36.00	PASS
11N40SISO	Ant1	2452	12.00	19.38	≤30.00	0.47	19.85	≤36.00	PASS

Test Result_Average

Test Mode	Antenna	Frequency [MHz]	Power setting	Average power [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	18.00	18.26	≤30.00	0.47	18.73	≤36.00	PASS
11B	Ant1	2437	18.00	18.23	≤30.00	0.47	18.70	≤36.00	PASS
11B	Ant1	2462	17.00	17.69	≤30.00	0.47	18.16	≤36.00	PASS
11G	Ant1	2412	16.00	15.55	≤30.00	0.47	16.02	≤36.00	PASS
11G	Ant1	2437	17.50	17.42	≤30.00	0.47	17.89	≤36.00	PASS
11G	Ant1	2462	15.00	14.72	≤30.00	0.47	15.19	≤36.00	PASS
11N20SISO	Ant1	2412	15.50	14.78	≤30.00	0.47	15.25	≤36.00	PASS
11N20SISO	Ant1	2437	16.50	16.21	≤30.00	0.47	16.68	≤36.00	PASS
11N20SISO	Ant1	2462	14.50	14.27	≤30.00	0.47	14.74	≤36.00	PASS
11N40SISO	Ant1	2422	15.00	14.08	≤30.00	0.47	14.55	≤36.00	PASS
11N40SISO	Ant1	2437	16.50	15.61	≤30.00	0.47	16.08	≤36.00	PASS
11N40SISO	Ant1	2452	12.00	12.20	≤30.00	0.47	12.67	≤36.00	PASS

A.2 6dB and 99% Bandwidth

Test Result 6dB Bandwidth

Test Mode	Antenna	Frequency[MHz]	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.120	2407.480	2415.600	0.5	PASS
11B	Ant1	2437	8.120	2432.440	2440.560	0.5	PASS
11B	Ant1	2462	8.080	2458.440	2466.520	0.5	PASS
11G	Ant1	2412	16.000	2403.840	2419.840	0.5	PASS
11G	Ant1	2437	15.880	2428.760	2444.640	0.5	PASS
11G	Ant1	2462	12.640	2455.680	2468.320	0.5	PASS
11N20SISO	Ant1	2412	15.360	2404.160	2419.520	0.5	PASS
11N20SISO	Ant1	2437	15.080	2428.240	2443.320	0.5	PASS
11N20SISO	Ant1	2462	15.080	2454.440	2469.520	0.5	PASS
11N40SISO	Ant1	2422	33.840	2405.680	2439.520	0.5	PASS
11N40SISO	Ant1	2437	33.840	2420.680	2454.520	0.5	PASS
11N40SISO	Ant1	2452	35.520	2434.080	2469.600	0.5	PASS

Test Result 99% Bandwidth

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.085	2404.9488	2419.0338	---	---
11B	Ant1	2437	13.674	2429.8668	2443.5408	---	---
11B	Ant1	2462	13.219	2455.5411	2468.7601	---	---
11G	Ant1	2412	16.837	2403.5937	2420.4307	---	---
11G	Ant1	2437	16.602	2428.5888	2445.1908	---	---
11G	Ant1	2462	16.434	2453.8146	2470.2486	---	---
11N20SISO	Ant1	2412	17.927	2403.0787	2421.0057	---	---
11N20SISO	Ant1	2437	17.891	2427.9293	2445.8203	---	---
11N20SISO	Ant1	2462	17.625	2453.2291	2470.8541	---	---
11N40SISO	Ant1	2422	36.154	2403.9019	2440.0559	---	---
11N40SISO	Ant1	2437	36.216	2418.9242	2455.1402	---	---
11N40SISO	Ant1	2452	36.387	2433.7410	2470.1280	---	---

Test Graphs_6dB Bandwidth

11B-Ant1-2412-PASS

11B-Ant1-2437-PASS

11B-Ant1-2462-PASS

11G-Ant1-2412-PASS

11G-Ant1-2437-PASS

11G-Ant1-2462-PASS

11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2437-PASS

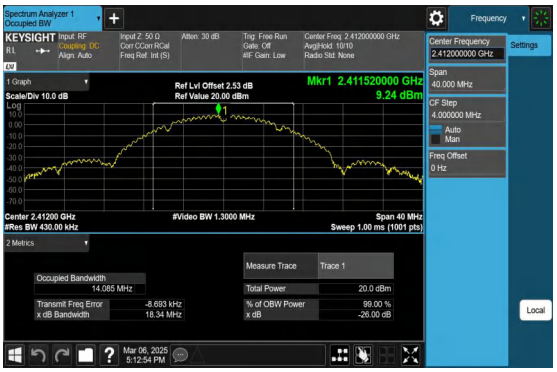
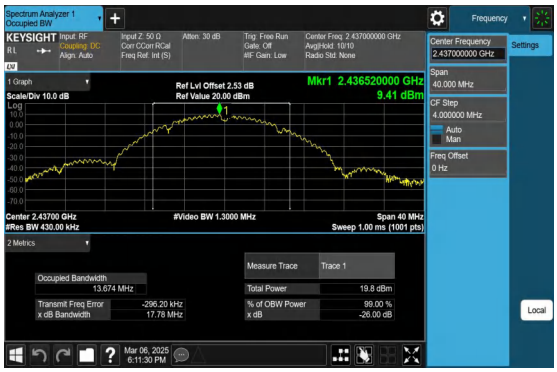
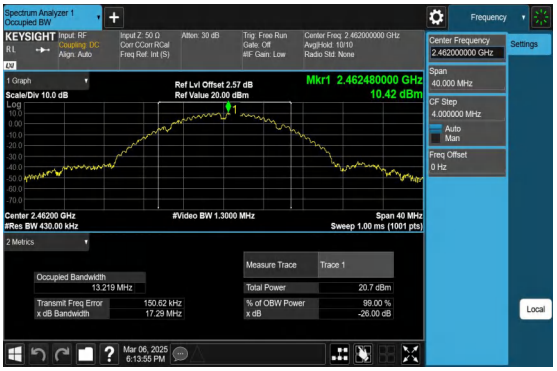
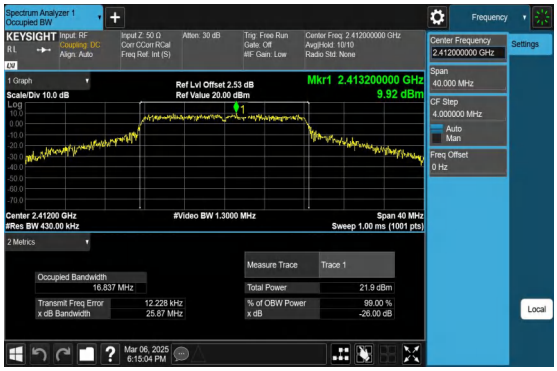
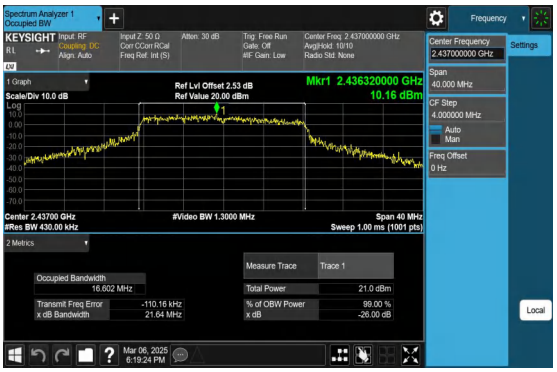
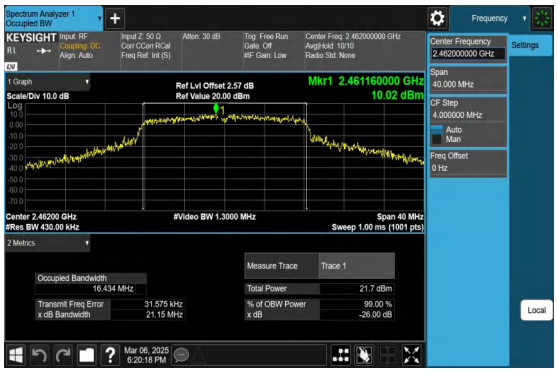
11N20SISO-Ant1-2462-PASS

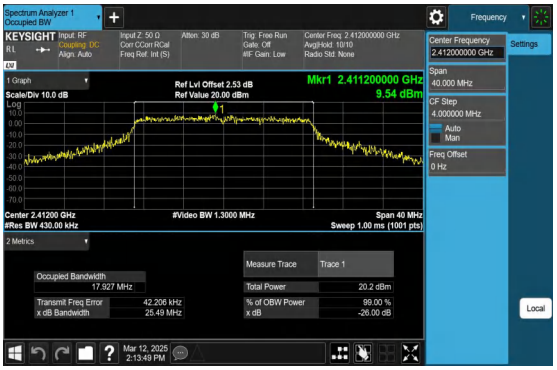
11N40SISO-Ant1-2422-PASS

11N40SISO-Ant1-2437-PASS

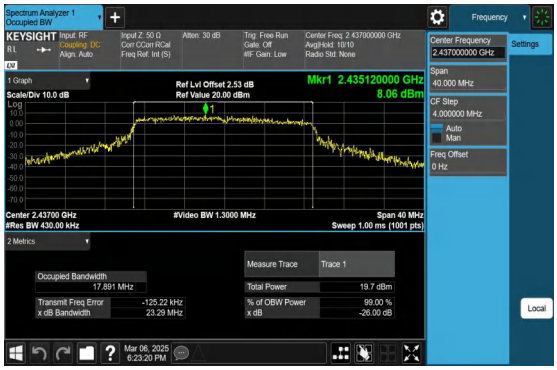
11N40SISO-Ant1-2452-PASS

Test Graphs_99% Bandwidth

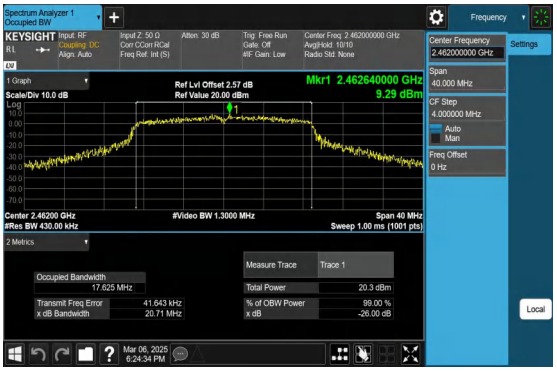
11B-Ant1-2412	11B-Ant1-2437
	
11B-Ant1-2462	**11G-Ant1-2412**
	
11G-Ant1-2437	**11G-Ant1-2462**
	
11N20SISO-Ant1-2412	**11N20SISO-Ant1-2437**



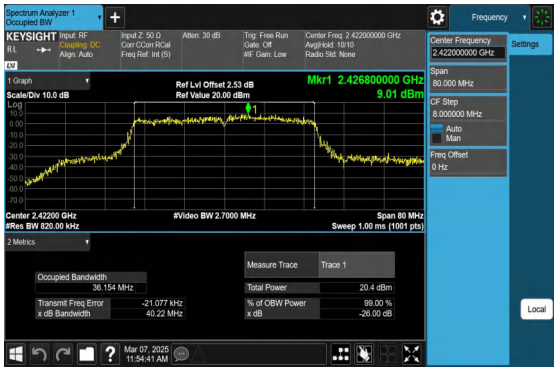
11N20SISO-Ant1-2462



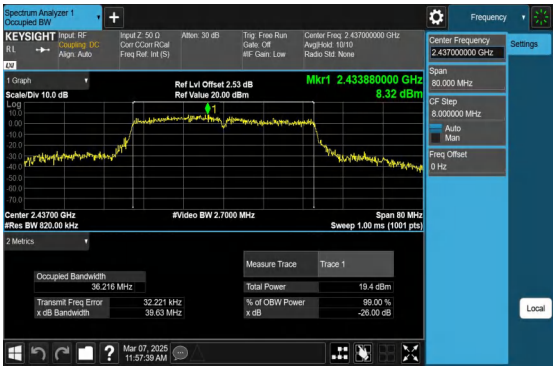
11N40SISO-Ant1-2422

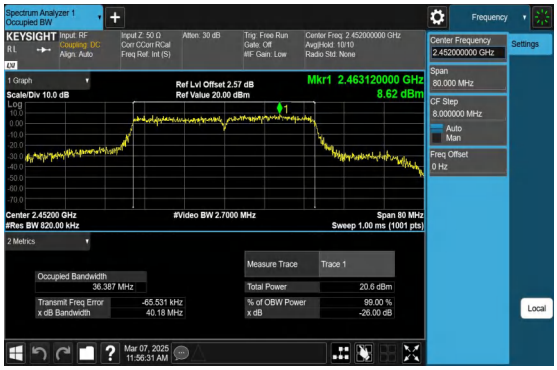


11N40SISO-Ant1-2437



11N40SISO-Ant1-2452





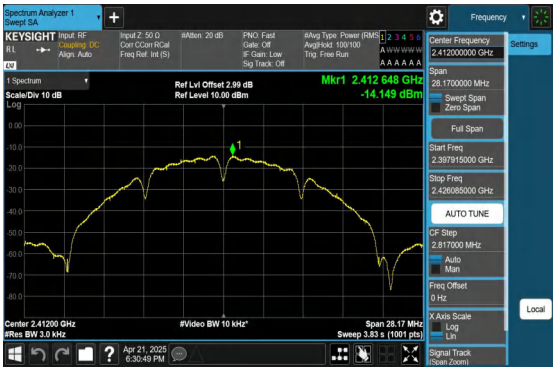
A.3 Power Spectral Density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-14.15	≤8.00	PASS
11B	Ant1	2437	-14.26	≤8.00	PASS
11B	Ant1	2462	-13.91	≤8.00	PASS
11G	Ant1	2412	-18.22	≤8.00	PASS
11G	Ant1	2437	-16.79	≤8.00	PASS
11G	Ant1	2462	-17.75	≤8.00	PASS
11N20SISO	Ant1	2412	-19.52	≤8.00	PASS
11N20SISO	Ant1	2437	-18.09	≤8.00	PASS
11N20SISO	Ant1	2462	-18.56	≤8.00	PASS
11N40SISO	Ant1	2422	-21.05	≤8.00	PASS
11N40SISO	Ant1	2437	-20.68	≤8.00	PASS
11N40SISO	Ant1	2452	-24.53	≤8.00	PASS

Test Graphs

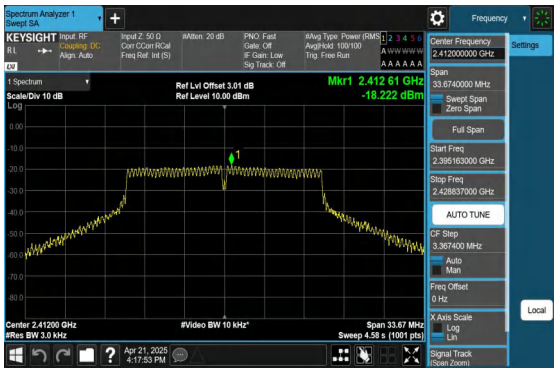
11B-Ant1-2412-PASS



11B-Ant1-2437-PASS

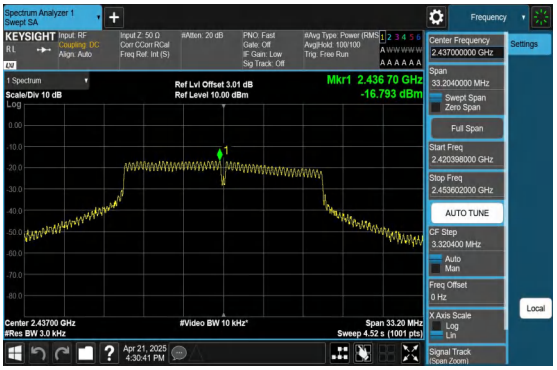
11B-Ant1-2462-PASS

11G-Ant1-2412-PASS

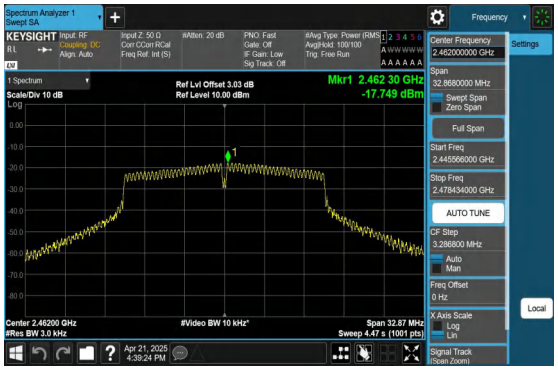


11G-Ant1-2437-PASS

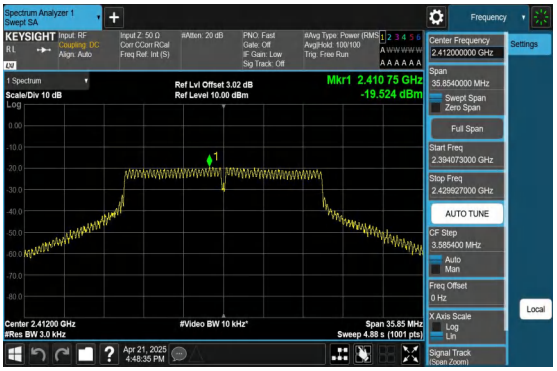
11G-Ant1-2462-PASS



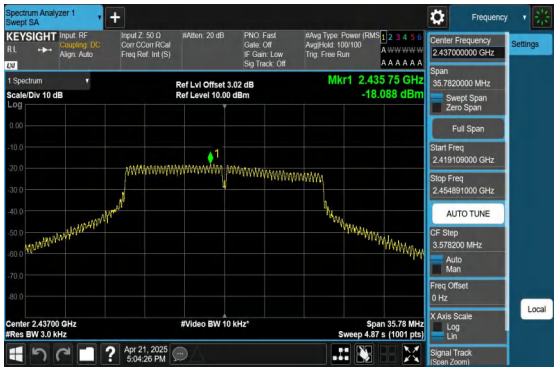
11N20SISO-Ant1-2412-PASS



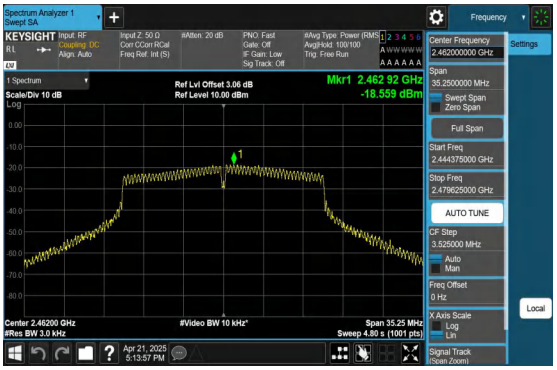
11N20SISO-Ant1-2437-PASS



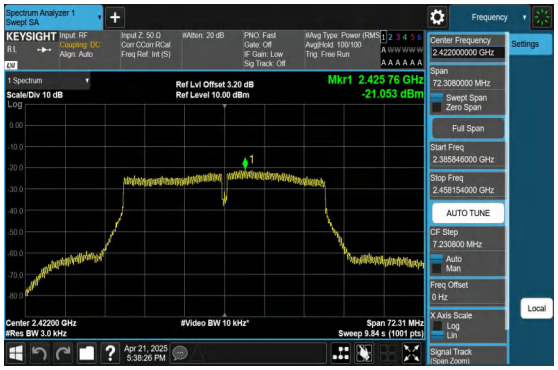
11N20SISO-Ant1-2462-PASS



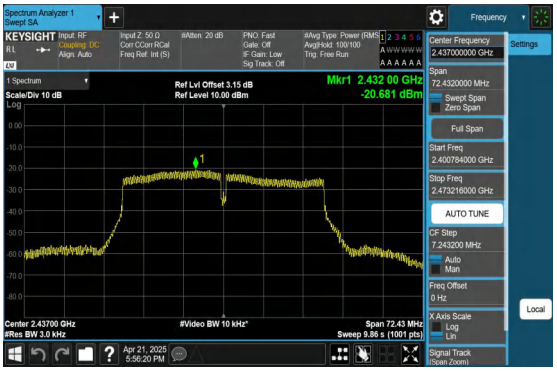
11N40SISO-Ant1-2422-PASS

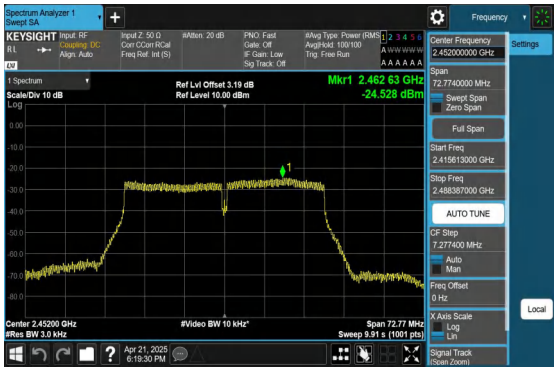


11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS





A.4 Conducted Band Edges and Spurious Emission

Test Result

Band Edges

Test Mode	Antenna	Ch Name	Frequency [MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.49	-32.67	≤-12.51	PASS
11B	Ant1	High	2462	8.07	-52.72	≤-11.93	PASS
11G	Ant1	Low	2412	5.39	-24.21	≤-14.61	PASS
11G	Ant1	High	2462	4.65	-43.84	≤-15.35	PASS
11N20SISO	Ant1	Low	2412	4.58	-24.64	≤-15.42	PASS
11N20SISO	Ant1	High	2462	6.50	-43.28	≤-13.5	PASS
11N40SISO	Ant1	Low	2422	2.14	-36.71	≤-17.86	PASS
11N40SISO	Ant1	High	2452	0.51	-42.31	≤-19.49	PASS

Spurious Emission

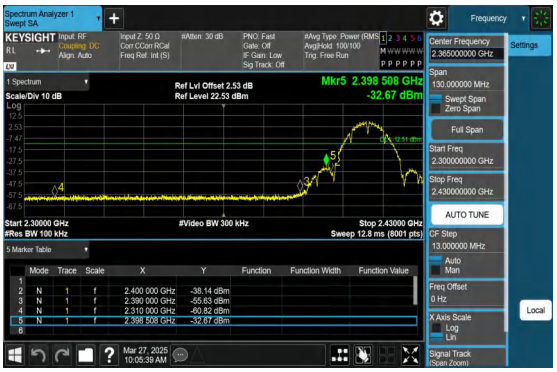
Test Mode	Antenna	Frequency[MHz]	Freq Range[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	30~1000	7.49	-69.02	≤-12.51	PASS
11B	Ant1	2412	1000~26500	7.49	-53.76	≤-12.51	PASS
11B	Ant1	2437	30~1000	7.78	-68.85	≤-12.22	PASS
11B	Ant1	2437	1000~26500	7.78	-54.14	≤-12.22	PASS
11B	Ant1	2462	30~1000	8.07	-68.51	≤-11.93	PASS
11B	Ant1	2462	1000~26500	8.07	-55.25	≤-11.93	PASS
11G	Ant1	2412	30~1000	5.39	-68.77	≤-14.61	PASS
11G	Ant1	2412	1000~26500	5.39	-50.34	≤-14.61	PASS
11G	Ant1	2437	30~1000	6.34	-68.68	≤-13.66	PASS
11G	Ant1	2437	1000~26500	6.34	-54.88	≤-13.66	PASS
11G	Ant1	2462	30~1000	4.65	-68.55	≤-15.35	PASS
11G	Ant1	2462	1000~26500	4.65	-54.38	≤-15.35	PASS
11N20SISO	Ant1	2412	30~1000	4.58	-68.95	≤-15.42	PASS
11N20SISO	Ant1	2412	1000~26500	4.58	-54.38	≤-15.42	PASS
11N20SISO	Ant1	2437	30~1000	4.69	-47.12	≤-15.31	PASS
11N20SISO	Ant1	2437	1000~26500	4.69	-54.54	≤-15.31	PASS
11N20SISO	Ant1	2462	30~1000	6.50	-67.94	≤-13.5	PASS
11N20SISO	Ant1	2462	1000~26500	6.50	-54.78	≤-13.5	PASS
11N40SISO	Ant1	2422	30~1000	2.14	-68.09	≤-17.86	PASS
11N40SISO	Ant1	2422	1000~26500	2.14	-54.77	≤-17.86	PASS
11N40SISO	Ant1	2437	30~1000	2.75	-68.6	≤-17.25	PASS
11N40SISO	Ant1	2437	1000~26500	2.75	-54.75	≤-17.25	PASS
11N40SISO	Ant1	2452	30~1000	0.51	-68.32	≤-19.49	PASS

11N40SISO	Ant1	2452	1000~26500	0.51	-54.56	≤-19.49	PASS

Test Graphs

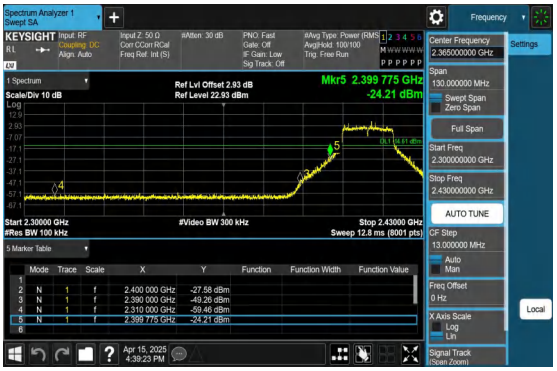
Band Edges

11B-Ant1-2412-PASS



11B-Ant1-2462-PASS

11G-Ant1-2412-PASS



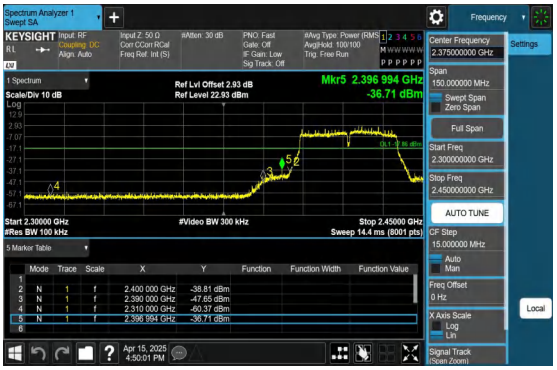
11G-Ant1-2462-PASS

11N20SISO-Ant1-2412-PASS

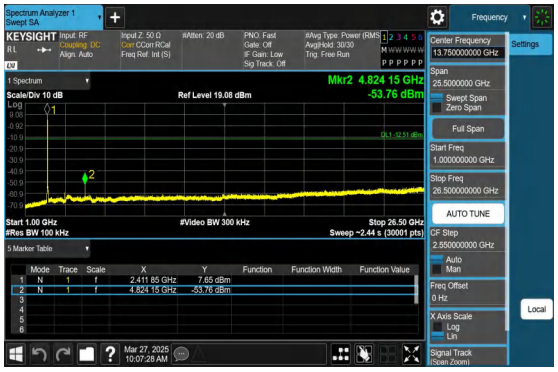
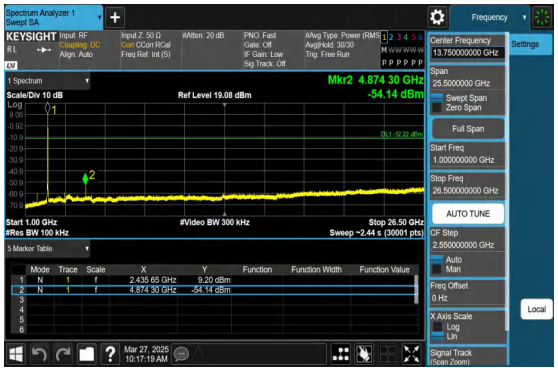
11N20SISO-Ant1-2462-PASS

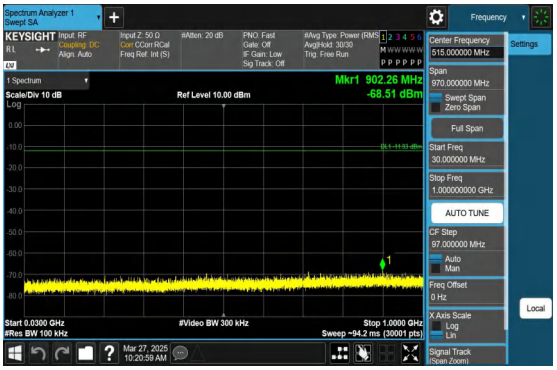
11N40SISO-Ant1-2422-PASS

11N40SISO-Ant1-2452-PASS

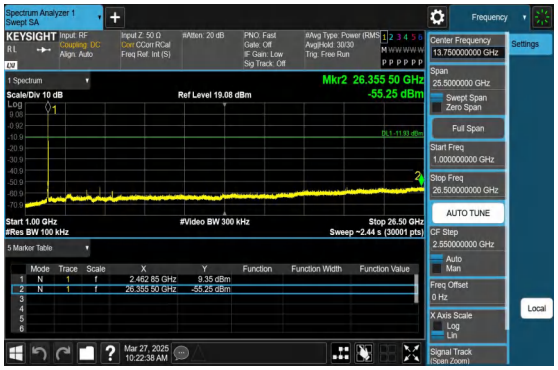


Spurious Emission

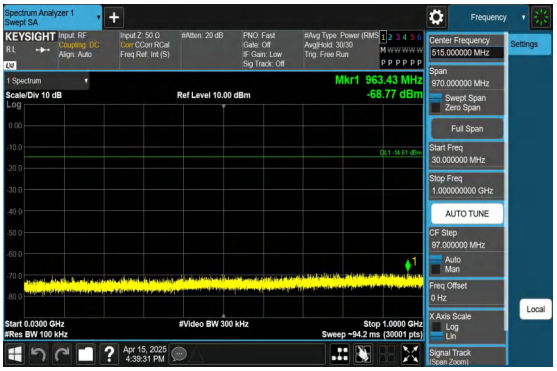
11B-Ant1-2412-30~1000-PASS	11B-Ant1-2412-1000~26500-PASS
	
11B-Ant1-2437-30~1000-PASS	11B-Ant1-2437-1000~26500-PASS
	
11B-Ant1-2462-30~1000-PASS	11B-Ant1-2462-1000~26500-PASS



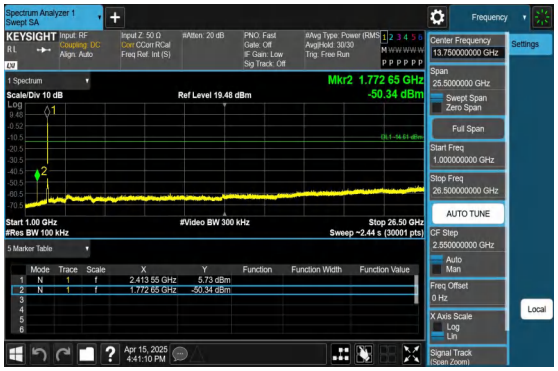
11G-Ant1-2412-30~1000-PASS



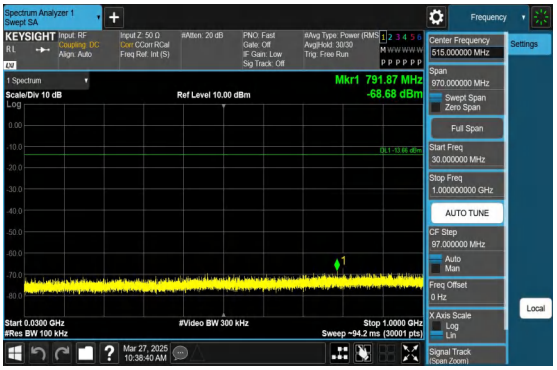
11G-Ant1-2412-1000~26500-PASS



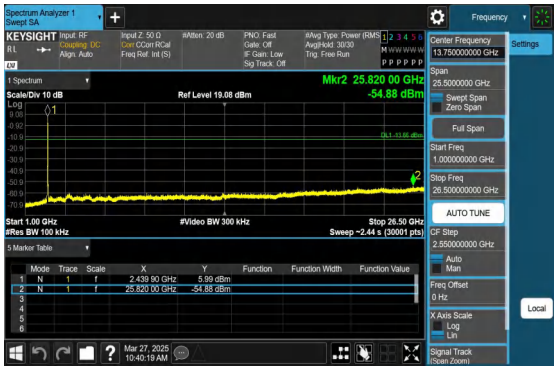
11G-Ant1-2437-30~1000-PASS



11G-Ant1-2437-1000~26500-PASS



11G-Ant1-2462-30~1000-PASS



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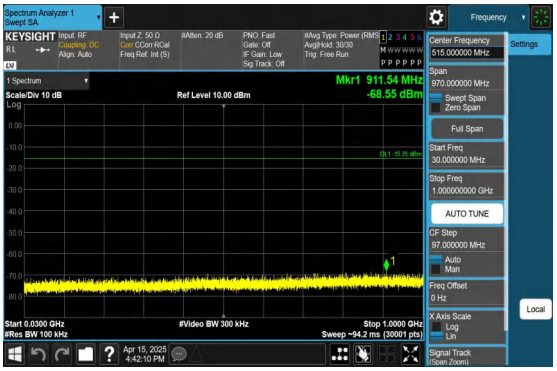
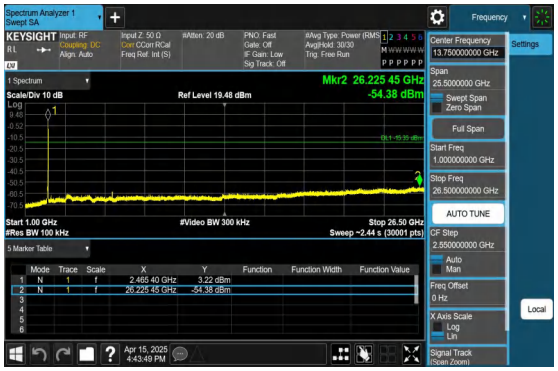


11N20SISO-Ant1-2412-30~1000-PASS



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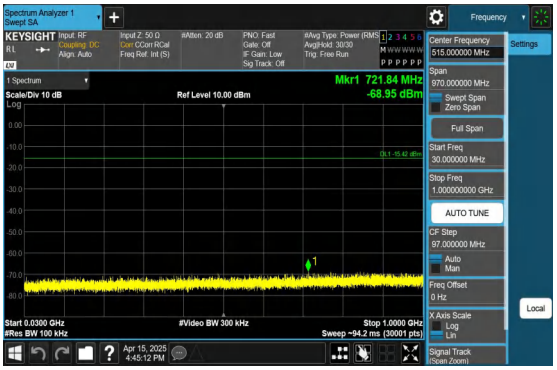

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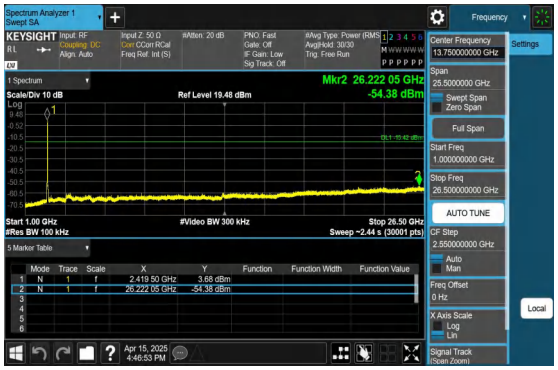

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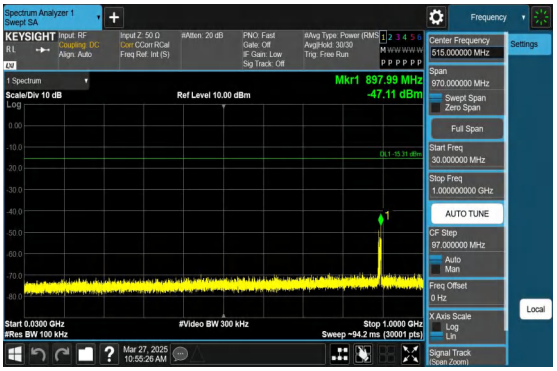

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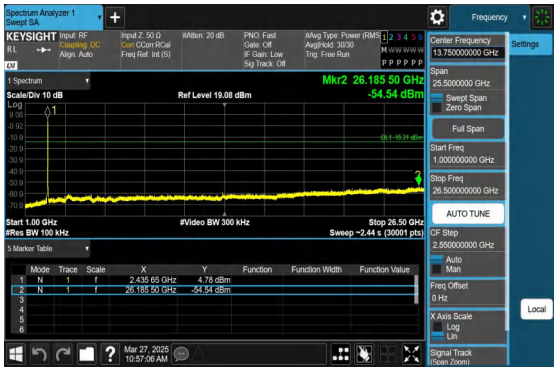
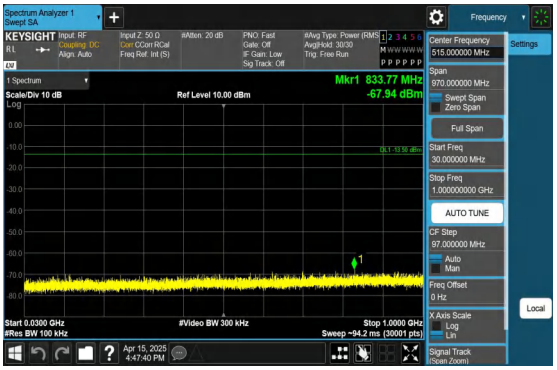
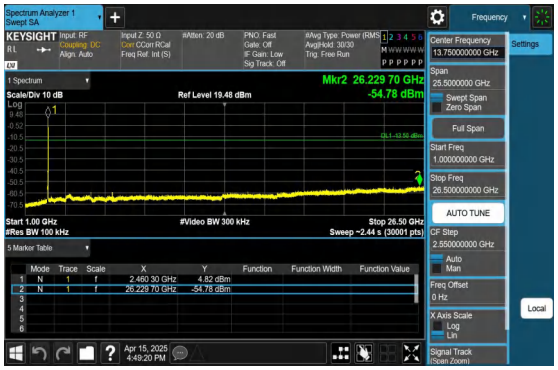


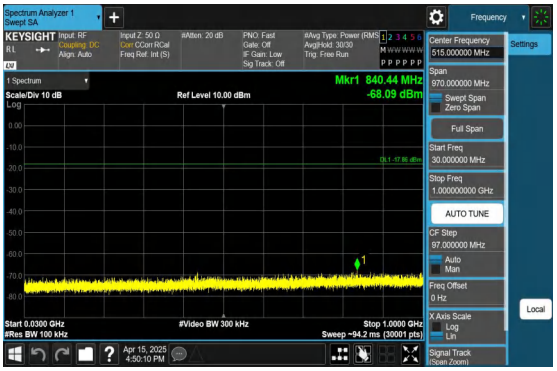
11N20SISO-Ant1-2462-1000~26500-PASS



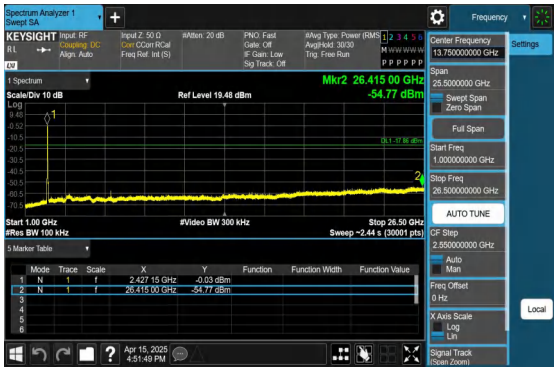
11N40SISO-Ant1-2422-30~1000-PASS



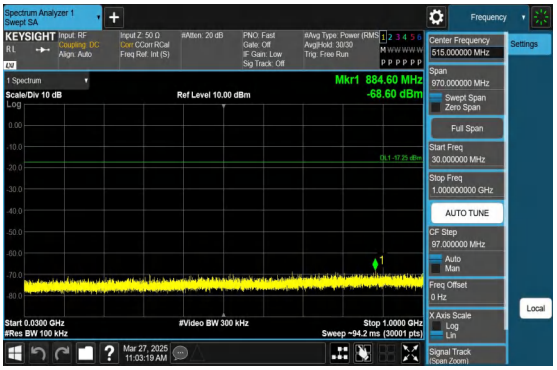
11N40SISO-Ant1-2422-1000~26500-PASS



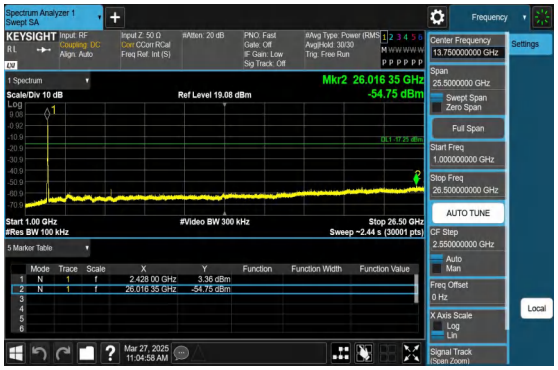
11N40SISO-Ant1-2437-30~1000-PASS



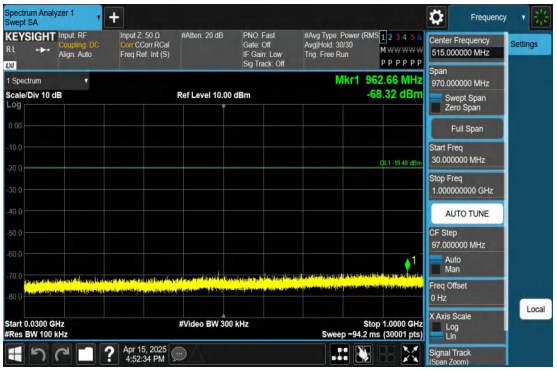
11N40SISO-Ant1-2437-1000~26500-PASS

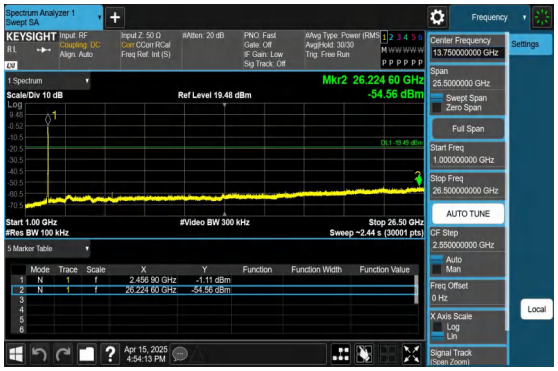


11N40SISO-Ant1-2452-30~1000-PASS



11N40SISO-Ant1-2452-1000~26500-PASS





A.5 Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	12.44	12.60	98.73	0.06
11B	Ant1	2437	12.43	12.60	98.65	0.06
11B	Ant1	2462	12.43	12.60	98.65	0.06
11G	Ant1	2412	2.06	2.10	98.10	0.08
11G	Ant1	2437	2.06	2.10	98.10	0.08
11G	Ant1	2462	2.07	2.10	98.57	0.06
11N20SISO	Ant1	2412	1.92	1.96	97.96	0.09
11N20SISO	Ant1	2437	1.92	1.96	97.96	0.09
11N20SISO	Ant1	2462	1.92	1.96	97.96	0.09
11N40SISO	Ant1	2422	0.94	1.00	94.00	0.27
11N40SISO	Ant1	2437	0.95	1.00	95.00	0.22
11N40SISO	Ant1	2452	0.95	1.00	95.00	0.22

Test Graphs

NTNV-11B-Ant1-2412

NTNV-11B-Ant1-2437

NTNV-11B-Ant1-2462

NTNV-11G-Ant1-2412

NTNV-11G-Ant1-2437

NTNV-11G-Ant1-2462

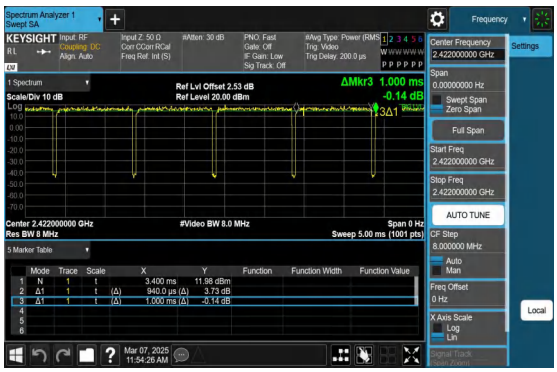
NTNV-11N20SISO-Ant1-2412

NTNV-11N20SISO-Ant1-2437

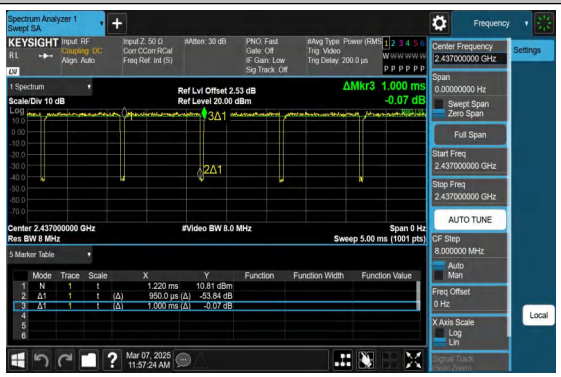
NTNV-11N20SISO-Ant1-2462

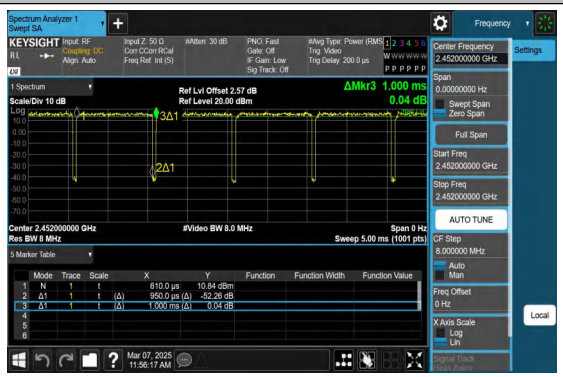
NTNV-11N40SISO-Ant1-2422

NTNV-11N40SISO-Ant1-2437



NTNV-11N40SISO-Ant1-2452





ANNEX B: Test Results of Radiated Test

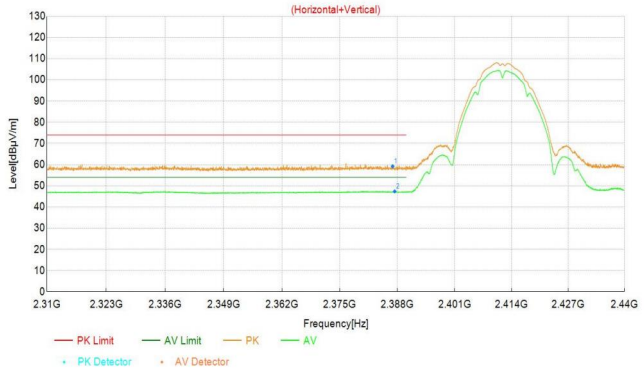
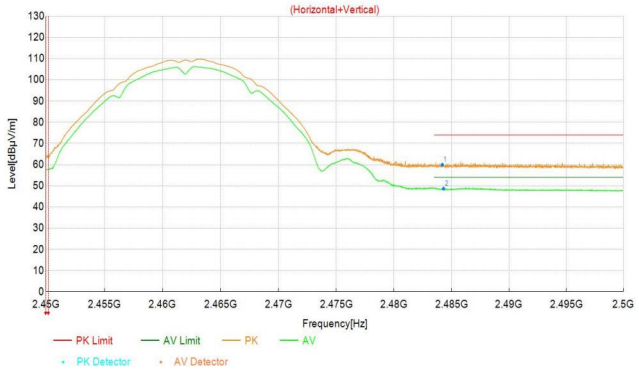
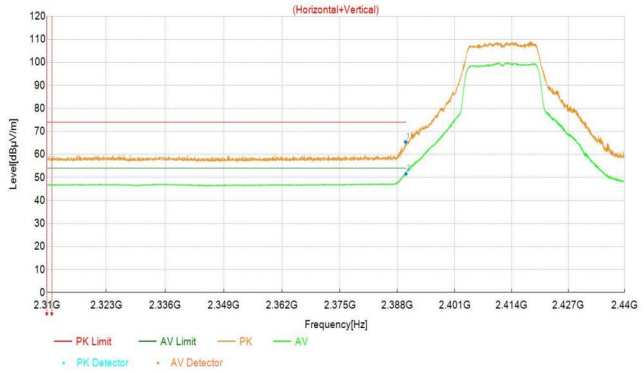
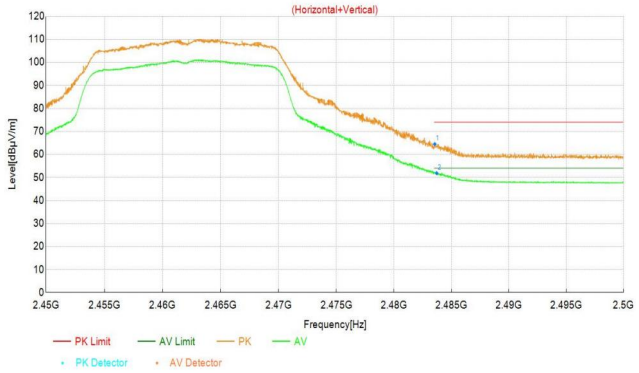
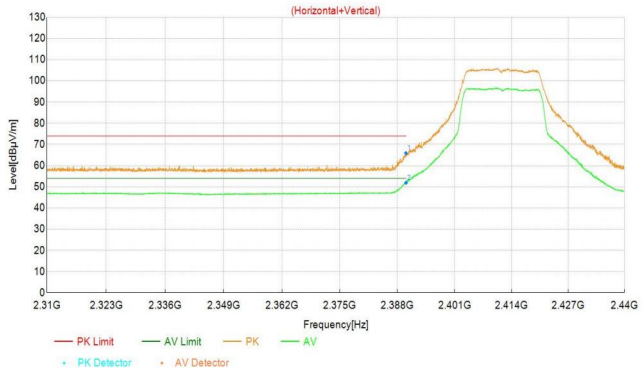
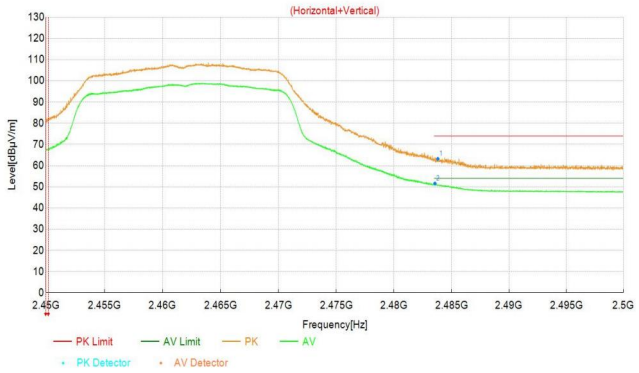
B.1 Radiated Band Edges and Spurious Emission

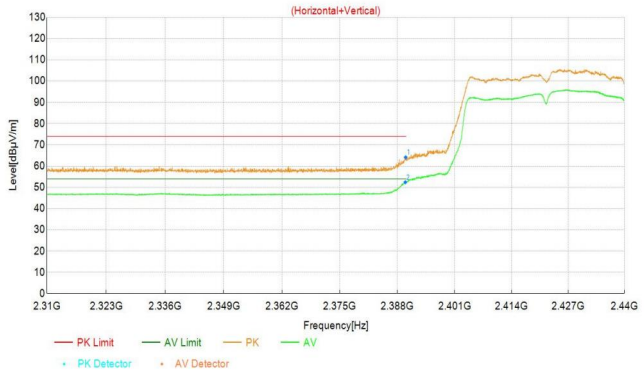
Test Result_Band Edges

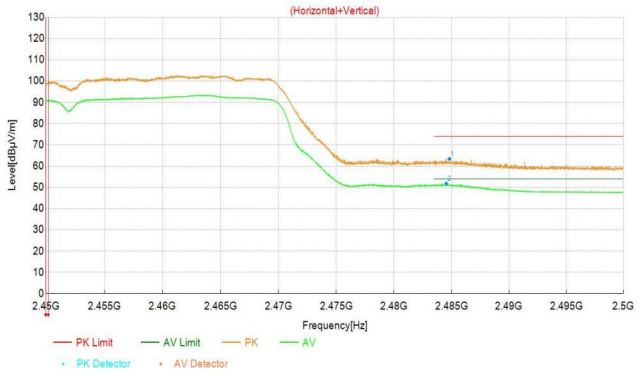
Note:Both vertical and horizontal polarities have been evaluated, and the test data only shows the worst-case. Level=Reading+Factor; Margin=Limit-Level; V=Vertical , H=Horizontal.

Data List								
Test Mode	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Pol.	Det
11B_20M_2412	2386.96	47.10	59.23	12.13	74.00	14.77	V	PK
	2387.415	35.28	47.38	12.10	54.00	6.62	V	AV
11B_20M_2462	2484.2	47.23	59.95	12.72	74.00	14.05	V	PK
	2484.3125	35.96	48.69	12.73	54.00	5.31	V	AV
11G_20M_2412	2389.8525	53.45	65.45	12.00	74.00	8.55	V	PK
	2389.95	39.56	51.55	11.99	54.00	2.45	V	AV
11G_20M_2462	2483.55	51.83	64.50	12.67	74.00	9.50	V	PK
	2483.7125	39.20	51.88	12.68	54.00	2.12	V	AV
11N20_20M_2412	2389.95	53.93	65.92	11.99	74.00	8.08	V	PK
	2389.9825	39.94	51.93	11.99	54.00	2.07	V	AV
11N20_20M_2462	2483.8125	50.54	63.23	12.69	74.00	10.77	V	PK
	2483.5625	38.95	51.62	12.67	54.00	2.38	V	AV
11N40_40M_2422	2389.885	52.12	64.12	12.00	74.00	9.88	V	PK
	2389.82	40.40	52.40	12.00	54.00	1.60	V	AV
11N40_40M_2452	2484.825	50.60	63.37	12.77	74.00	10.63	V	PK
	2484.55	39.02	51.77	12.75	54.00	2.23	V	AV

Test Graphs_Band Edges

11B_20M_2412	11B_20M_2462
	
11G_20M_2412	**11G_20M_2462**
	
11N20_20M_2412	**11N20_20M_2462**
	
11N40_40M_2422	**11N40_40M_2452**


(Horizontal+Vertical)
Level[dBμV/m]
Frequency[Hz]
PK Limit
AV Limit
PK
AV
PK Detector
AV Detector


(Horizontal+Vertical)
Level[dBμV/m]
Frequency[Hz]
PK Limit
AV Limit
PK
AV
PK Detector
AV Detector

Test Result_Spurious Emission

Note1: Test result Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier the Emissions in the frequency band 9kHz-30MHz and 18GHz-26.5GHz are more than 20dB below the limit are not reported.

Note2: Both vertical and horizontal polarities have been evaluated, and the test data only shows the worst-case. Level=Reading+Factor; Margin=Limit-Level; V=Vertical , H=Horizontal.

Data List

Test Mode	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Pol.	Det
11B_20M_2412	4824	45.03	52.28	7.25	74.00	21.72	V	PK
	7236	42.18	56.31	14.13	74.00	17.69	H	PK
	9648	33.68	48.33	14.65	74.00	25.67	H	PK
	12060	32.84	48.87	16.03	74.00	25.13	V	PK
	14472	32.36	50.63	18.27	74.00	23.37	H	PK
	16884	30.15	54.06	23.91	74.00	19.94	H	PK
	4824	36.03	43.28	7.25	54.00	10.72	V	AV
	7236	31.29	45.42	14.13	54.00	8.58	H	AV
	9648	22.73	37.38	14.65	54.00	16.62	H	AV
	12060	22.46	38.49	16.03	54.00	15.51	V	AV
	14472	20.78	39.05	18.27	54.00	14.95	V	AV
	16884	19.89	43.80	23.91	54.00	10.20	H	AV
11B_20M_2437	4874	44.09	51.42	7.33	74.00	22.58	V	PK
	7311	41.91	55.60	13.69	74.00	18.40	V	PK
	9748	33.66	48.58	14.92	74.00	25.42	V	PK
	12185	33.78	49.40	15.62	74.00	24.60	V	PK
	14622	32.11	50.52	18.41	74.00	23.48	H	PK
	17059	28.48	53.06	24.58	74.00	20.94	H	PK
	4874	33.15	40.48	7.33	54.00	13.52	V	AV
	7311	31.18	44.87	13.69	54.00	9.13	H	AV
	9748	22.49	37.41	14.92	54.00	16.59	H	AV
	12185	22.36	37.98	15.62	54.00	16.02	V	AV
	14622	21.59	40.00	18.41	54.00	14.00	V	AV

	17059	18.30	42.88	24.58	54.00	11.12	V	AV
11B_20M_2462	4924	44.41	52.33	7.92	74.00	21.67	H	PK
	7386	42.48	56.44	13.96	74.00	17.56	V	PK
	9848	33.33	48.46	15.13	74.00	25.54	V	PK
	12310	32.96	49.04	16.08	74.00	24.96	H	PK
	14772	31.50	49.96	18.46	74.00	24.04	V	PK
	17234	29.25	53.26	24.01	74.00	20.74	H	PK
	4924	35.15	43.07	7.92	54.00	10.93	V	AV
	7386	31.09	45.05	13.96	54.00	8.95	H	AV
	9848	23.15	38.28	15.13	54.00	15.72	V	AV
	12310	22.19	38.27	16.08	54.00	15.73	V	AV
	14772	21.47	39.93	18.46	54.00	14.07	V	AV
	17234	19.48	43.49	24.01	54.00	10.51	V	AV
11G_20M_2412	4824	44.07	51.32	7.25	74.00	22.68	H	PK
	7236	41.95	56.08	14.13	74.00	17.92	V	PK
	9648	34.25	48.90	14.65	74.00	25.10	H	PK
	12060	33.69	49.72	16.03	74.00	24.28	V	PK
	14472	31.80	50.07	18.27	74.00	23.93	H	PK
	16884	30.40	54.31	23.91	74.00	19.69	V	PK
	4824	33.46	40.71	7.25	54.00	13.29	V	AV
	7236	31.22	45.35	14.13	54.00	8.65	V	AV
	9648	23.03	37.68	14.65	54.00	16.32	H	AV
	12060	22.71	38.74	16.03	54.00	15.26	V	AV
	14472	21.10	39.37	18.27	54.00	14.63	H	AV
	16884	19.92	43.83	23.91	54.00	10.17	V	AV
11G_20M_2437	4874	45.11	52.44	7.33	74.00	21.56	H	PK
	7311	42.46	56.15	13.69	74.00	17.85	H	PK
	9748	33.29	48.21	14.92	74.00	25.79	V	PK
	12185	33.44	49.06	15.62	74.00	24.94	H	PK

	14622	32.05	50.46	18.41	74.00	23.54	H	PK
	17059	30.21	54.79	24.58	74.00	19.21	V	PK
	4874	33.29	40.62	7.33	54.00	13.38	V	AV
	7311	31.38	45.07	13.69	54.00	8.93	V	AV
	9748	23.09	38.01	14.92	54.00	15.99	H	AV
	12185	22.83	38.45	15.62	54.00	15.55	V	AV
	14622	21.36	39.77	18.41	54.00	14.23	V	AV
	17059	19.20	43.78	24.58	54.00	10.22	H	AV
11G_20M_2462	4924	44.57	52.49	7.92	74.00	21.51	H	PK
	7386	42.53	56.49	13.96	74.00	17.51	V	PK
	9848	34.06	49.19	15.13	74.00	24.81	V	PK
	12310	33.53	49.61	16.08	74.00	24.39	V	PK
	14772	32.42	50.88	18.46	74.00	23.12	H	PK
	17234	30.09	54.10	24.01	74.00	19.90	H	PK
	4924	33.65	41.57	7.92	54.00	12.43	V	AV
	7386	31.42	45.38	13.96	54.00	8.62	H	AV
	9848	22.90	38.03	15.13	54.00	15.97	V	AV
	12310	22.54	38.62	16.08	54.00	15.38	V	AV
	14772	21.32	39.78	18.46	54.00	14.22	H	AV
	17234	19.41	43.42	24.01	54.00	10.58	V	AV
11N20_20M_2412	4824	44.28	51.53	7.25	74.00	22.47	V	PK
	7236	42.87	57.00	14.13	74.00	17.00	H	PK
	9648	33.82	48.47	14.65	74.00	25.53	H	PK
	12060	33.25	49.28	16.03	74.00	24.72	H	PK
	14472	32.71	50.98	18.27	74.00	23.02	V	PK
	16884	30.77	54.68	23.91	74.00	19.32	V	PK
	4824	33.64	40.89	7.25	54.00	13.11	V	AV
	7236	31.43	45.56	14.13	54.00	8.44	H	AV
	9648	22.78	37.43	14.65	54.00	16.57	H	AV

	12060	22.57	38.60	16.03	54.00	15.40	V	AV
	14472	21.25	39.52	18.27	54.00	14.48	V	AV
	16884	19.70	43.61	23.91	54.00	10.39	H	AV
11N20_20M_2437	4874	45.78	53.11	7.33	74.00	20.89	V	PK
	7311	42.63	56.32	13.69	74.00	17.68	V	PK
	9748	34.14	49.06	14.92	74.00	24.94	V	PK
	12185	33.21	48.83	15.62	74.00	25.17	H	PK
	14622	32.76	51.17	18.41	74.00	22.83	H	PK
	17059	29.71	54.29	24.58	74.00	19.71	H	PK
	4874	34.06	41.39	7.33	54.00	12.61	V	AV
	7311	31.57	45.26	13.69	54.00	8.74	H	AV
	9748	22.99	37.91	14.92	54.00	16.09	V	AV
	12185	22.88	38.50	15.62	54.00	15.50	H	AV
	14622	21.53	39.94	18.41	54.00	14.06	V	AV
	17059	18.87	43.45	24.58	54.00	10.55	H	AV
11N20_20M_2462	4924	44.27	52.19	7.92	74.00	21.81	V	PK
	7386	42.22	56.18	13.96	74.00	17.82	H	PK
	9848	33.60	48.73	15.13	74.00	25.27	V	PK
	12310	33.05	49.13	16.08	74.00	24.87	V	PK
	14772	32.33	50.79	18.46	74.00	23.21	V	PK
	17234	30.26	54.27	24.01	74.00	19.73	V	PK
	4924	33.35	41.27	7.92	54.00	12.73	H	AV
	7386	31.23	45.19	13.96	54.00	8.81	V	AV
	9848	22.84	37.97	15.13	54.00	16.03	V	AV
	12310	22.46	38.54	16.08	54.00	15.46	V	AV
	14772	21.43	39.89	18.46	54.00	14.11	H	AV
	17234	19.42	43.43	24.01	54.00	10.57	H	AV
11N40_40M_2422	4844	44.41	52.10	7.69	74.00	21.90	H	PK
	7266	42.70	57.08	14.38	74.00	16.92	H	PK

	9688	33.68	48.27	14.59	74.00	25.73	H	PK
	12110	33.87	49.98	16.11	74.00	24.02	H	PK
	14532	32.37	50.66	18.29	74.00	23.34	H	PK
	16954	30.61	55.05	24.44	74.00	18.95	H	PK
	4844	33.41	41.10	7.69	54.00	12.90	H	AV
	7266	31.60	45.98	14.38	54.00	8.02	V	AV
	9688	22.64	37.23	14.59	54.00	16.77	H	AV
	12110	22.77	38.88	16.11	54.00	15.12	H	AV
	14532	21.69	39.98	18.29	54.00	14.02	V	AV
	16954	18.83	43.27	24.44	54.00	10.73	V	AV
11N40_40M_2437	4874	44.14	51.47	7.33	74.00	22.53	H	PK
	7311	42.88	56.57	13.69	74.00	17.43	H	PK
	9748	34.15	49.07	14.92	74.00	24.93	H	PK
	12185	33.63	49.25	15.62	74.00	24.75	V	PK
	14622	32.92	51.33	18.41	74.00	22.67	H	PK
	17059	30.15	54.73	24.58	74.00	19.27	H	PK
	4874	33.52	40.85	7.33	54.00	13.15	V	AV
	7311	31.47	45.16	13.69	54.00	8.84	V	AV
	9748	22.94	37.86	14.92	54.00	16.14	V	AV
	12185	22.77	38.39	15.62	54.00	15.61	V	AV
	14622	21.38	39.79	18.41	54.00	14.21	V	AV
	17059	19.32	43.90	24.58	54.00	10.10	V	AV
11N40_40M_2452	4904	45.19	53.08	7.89	74.00	20.92	H	PK
	7356	42.35	56.62	14.27	74.00	17.38	H	PK
	9808	34.32	49.56	15.24	74.00	24.44	V	PK
	12260	33.81	49.63	15.82	74.00	24.37	H	PK
	14712	31.94	50.47	18.53	74.00	23.53	V	PK
	17164	29.62	53.62	24.00	74.00	20.38	V	PK
	4904	33.39	41.28	7.89	54.00	12.72	V	AV

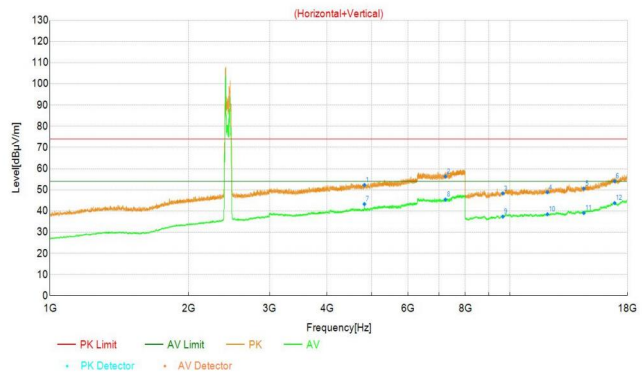
	7356	31.17	45.44	14.27	54.00	8.56	V	AV
	9808	23.10	38.34	15.24	54.00	15.66	V	AV
	12260	22.71	38.53	15.82	54.00	15.47	H	AV
	14712	21.28	39.81	18.53	54.00	14.19	H	AV
	17164	19.41	43.41	24.00	54.00	10.59	H	AV

Data List

Test Mode	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Pol.	Det
11B_20M_2462	44.220071	44.17	28.82	-15.35	40.00	11.18	V	QP
	64.977428	35.47	17.82	-17.65	40.00	22.18	V	QP
	138.583877	41.01	20.88	-20.13	43.50	22.62	V	QP
	208.623732	33.32	17.05	-16.27	43.50	26.45	V	QP
	413.510109	24.04	13.17	-10.87	46.00	32.83	V	QP
	854.099601	24.40	20.17	-4.23	46.00	25.83	H	QP

Test Graphs_Spurious Emission

11B_20M_2412



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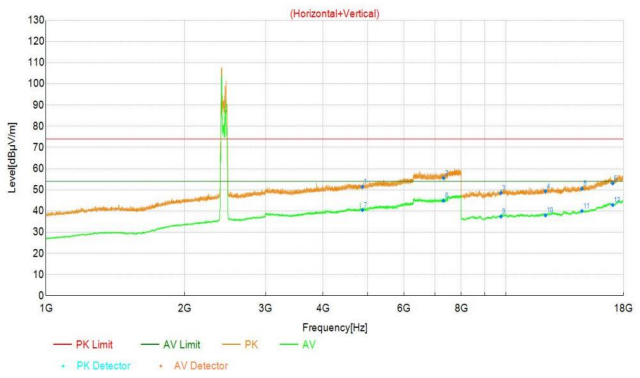
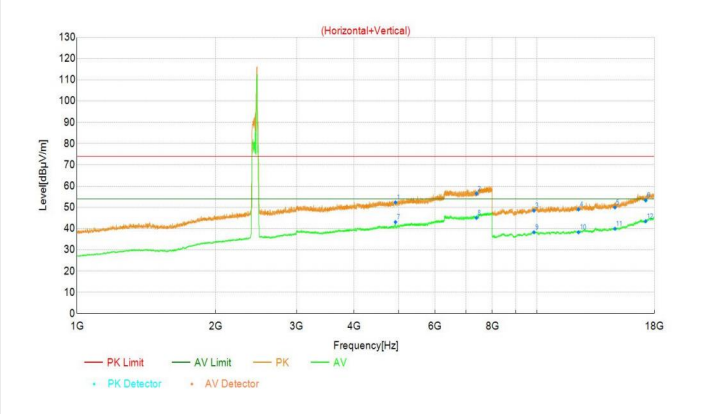


11B_20M_2462

11G_20M_2412



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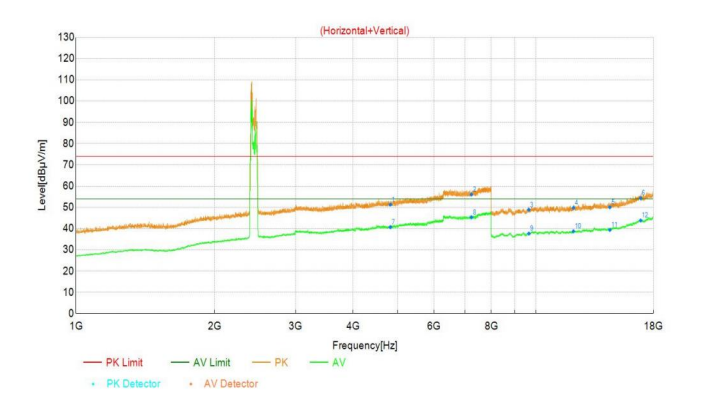

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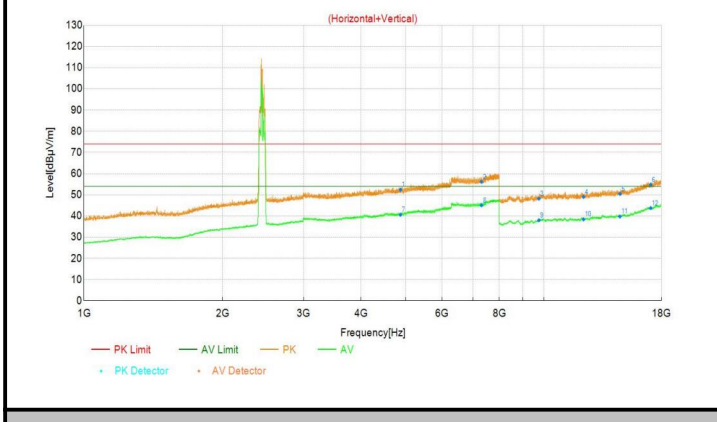

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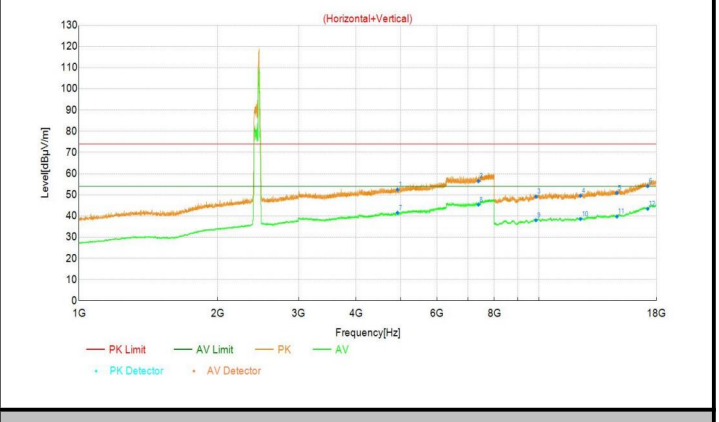

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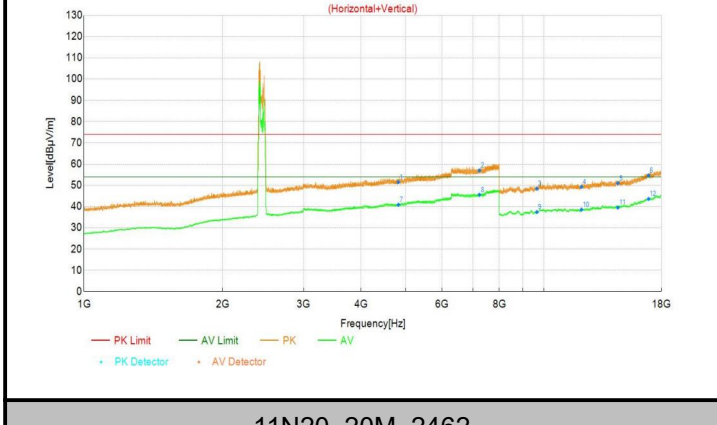

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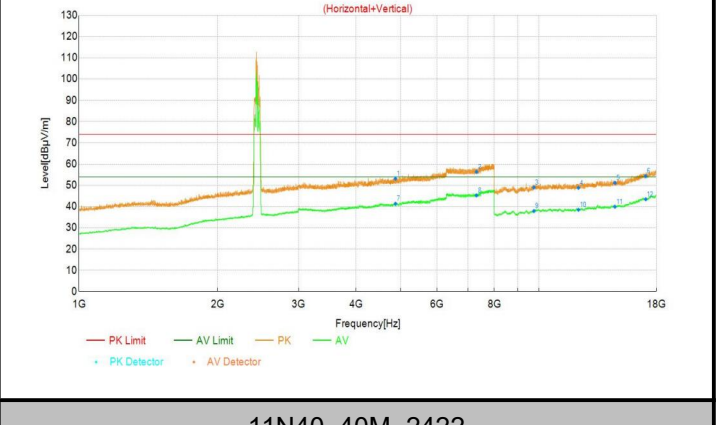

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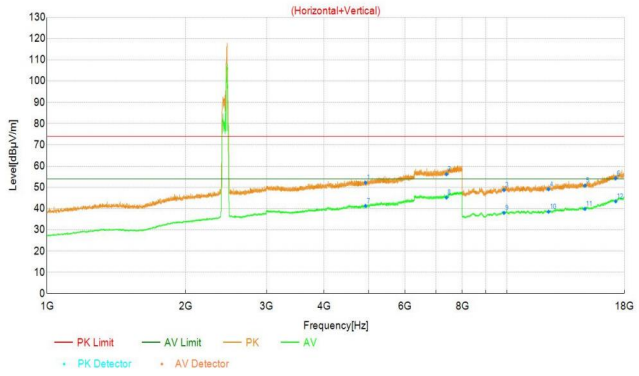

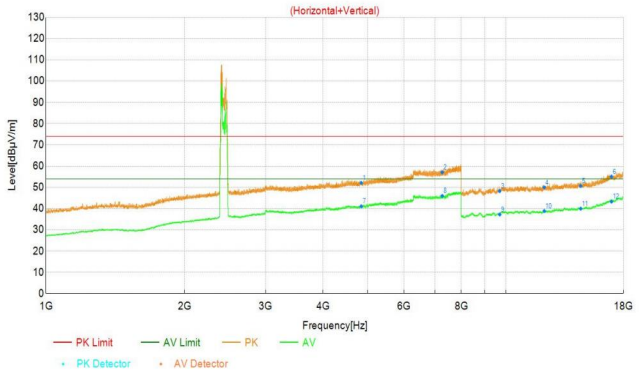

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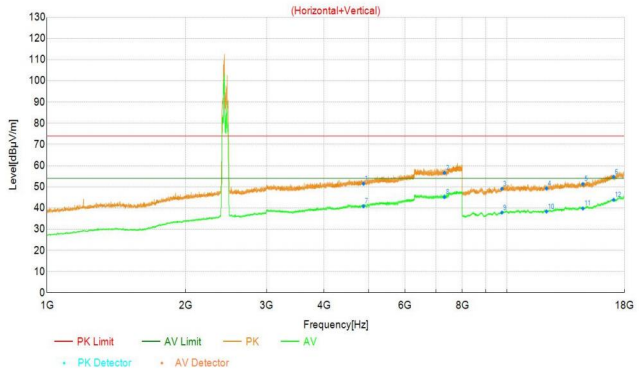
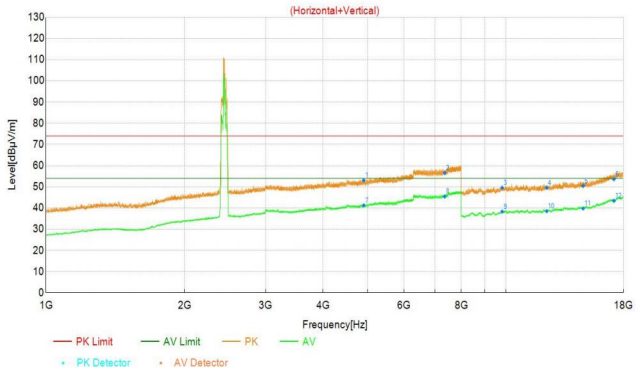
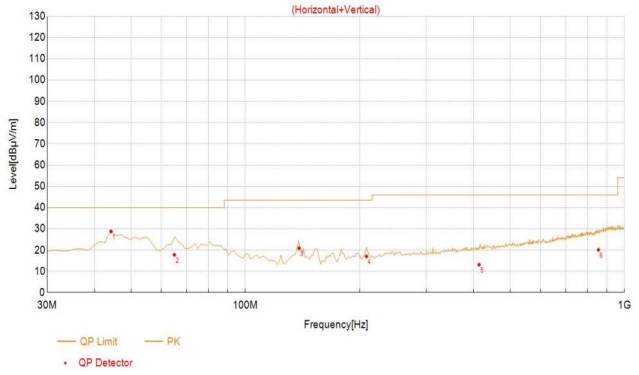




11B_20M_2462	/



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ANNEX C: The EUT Appearance

The EUT Appearance (internal and external photographs) are submitted separately.

ANNEX D: Test Setup Photograph

The Test Setup Photographs are submitted separately.