# FCC Test Report

Report No.: AGC00174210102FE03

| | | |
|---|---|---|
| **FCC ID** | : | XPYNORAB1 |
| **APPLICATION PURPOSE** | : | Original Equipment |
| **PRODUCT DESIGNATION** | : | NORA-B1 |
| **BRAND NAME** | : | u-blox |
| **MODEL NAME** | : | NORA-B100, NORA-B101, NORA-B106 |
| **APPLICANT** | : | u-blox AG |
| **DATE OF ISSUE** | : | Jun. 09, 2021 |
| **STANDARD(S)** | : | FCC Part 15.247 |
| **REPORT VERSION** | : | V1.0 |

***A**ttestation of **G**lobal **C**ompliance (Shenzhen) Co., Ltd*

## REPORT REVISE RECORD

| Report Version | Revise Time | Issued Date | Valid Version | Notes |
|---|---|---|---|---|
| V1.0 | / | Jun. 09, 2021 | Valid | Initial Release |

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## 1. VERIFICATION OF COMPLIANCE

| | |
|---|---|
| **Applicant** | u-blox AG |
| **Address** | Zuercherstrasse 68,Thalwil 8800, Switzerland |
| **Manufacturer** | u-blox AG |
| **Address** | Zuercherstrasse 68,Thalwil 8800, Switzerland |
| **Product Designation** | NORA-B1 |
| **Brand Name** | u-blox |
| **Test Model** | NORA-B100 |
| **Series Model** | NORA-B101, NORA-B106 |
| **Difference description** | All the series models are the same as the test model except for the model names and antenna type.<br>NORA-B100 – u.FL connector;<br>NORA-B101 – Antenna pin;<br>NORA-B106 – PCB Trace antenna. |
| **Date of test** | Feb. 23, 2021 to Jun. 09, 2021 |
| **Deviation** | No any deviation from the test method |
| **Condition of Test Sample** | Normal |
| **Test Result** | Pass |
| **Report Template** | AGCRT-US-BLE/RF |

We hereby certify that:

The above equipment was tested by Attestation of Global Compliance (Shenzhen) Co., Ltd. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with radiated emission limits of FCC part 15.247.

| | | |
|---|---|---|
| Prepared By | John Zeng<br>(Project Engineer) | Jun. 09, 2021 |
| Reviewed By | Max Zhang<br>(Reviewer) | Jun. 09, 2021 |
| Approved By | Forrest Lei<br>(Authorized Officer) | Jun. 09, 2021 |

# 2. GENERAL INFORMATION

## 2.1. PRODUCT DESCRIPTION

The EUT is designed as a “NORA-B1”. It is designed by way of utilizing the O-QPSK technology to achieve the system operation.

A major technical description of EUT is described as following

| | |
|---|---|
| **Operation Frequency** | 2.405 GHz to 2.475GHz |
| **RF Output Power** | 2.871dBm (Max) |
| **Modulation** | O-QPSK |
| **Number of channels** | 15 Channels |
| **Antenna Designation** | See section 2.9 of the report (Comply with requirements of the FCC part 15.203) |
| **Antenna Gain** | See section 2.8 of the report |
| **Hardware Version** | A |
| **Software Version** | V1.0 |
| **Power Supply** | DC 3.3V |

## 2.2. TABLE OF CARRIER FREQUENCYS

| Frequency Band | Channel Number | Frequency |
|---|---|---|
| 2400~2483.5MHz | 0 | 2405 MHz |
| | 1 | 2410 MHz |
| | : | : |
| | 13 | 2470 MHz |
| | 14 | 2475 MHz |

### 2.3. RELATED SUBMITTAL(S)/GRANT(S)

This submittal(s) (test report) is intended for **FCC ID: XPYNORAB1** filing to comply with the FCC Part 15.247 requirements.

### 2.4. TEST METHODOLOGY

Both conducted and radiated testing was performed according to the procedures in ANSI C63.10 (2013). Radiated testing was performed at an antenna to EUT distance 3 meters.

### 2.5. SPECIAL ACCESSORIES

Refer to section 5.2.

### 2.6. EQUIPMENT MODIFICATIONS

Not available for this EUT intended for grant.

### 2.7. ANTENNA REQUIREMENT

This intentional radiator is designed with a permanently attached antenna of an antenna to ensure that no antenna other than that furnished by the responsible party shall be used with the device.
For more information of the antenna, please refer to the APPENDIX B: PHOTOGRAPHS OF EUT.

### 2.8. DESCRIPTION OF AVAILABLE ANTENNAS

Model No.: NORA-B100

| Bluetooth Dedicated Antenna | | |
|---|---|---|
| Antenna Type | Frequency Band (GHz) | Max Peak Gain (dBi) |
| Monopole antenna | 2400 ~ 2483.5 | 5.3 |
| FPC antenna | 2400 ~ 2483.5 | -0.5 |

Model No.: NORA-B101

| Bluetooth Dedicated Antenna | | |
|---|---|---|
| Antenna Type | Frequency Band (GHz) | Max Peak Gain (dBi) |
| Monopole antenna | 2400 ~ 2483.5 | 5.3 |
| FPC antenna | 2400 ~ 2483.5 | -0.5 |

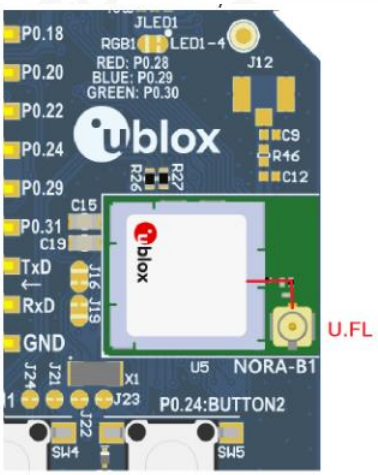
Model No.: NORA-B106

| Bluetooth Internal Antenna | | |
|---|---|---|
| Antenna Type | Frequency Band (GHz) | Max Peak Gain (dBi) |
| PCB Antenna | 2400 ~ 2483.5 | 2.0 |

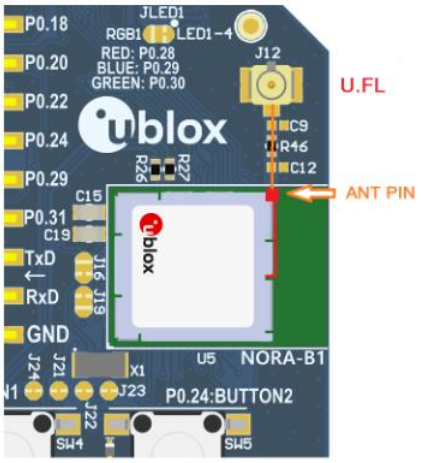
Note：The manufacturer of NORA-101's module ANT PIN claims that the gain is 0 dBi

## 2.9. DESCRIPTION OF ANTENNA RF PORT

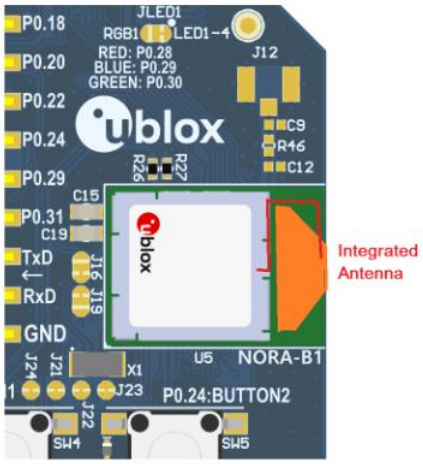
| Antenna RF Port | | | |
|---|---|---|---|
| -- | Bluetooth (NORA-B100) | Bluetooth (NORA-B101) | Bluetooth (NORA-B106) |
| Software Control Port | U.FL | ANT PIN+U.FL | As shown below |




NORA-B100




NORA-B101




NORA-B106

## 3. MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement y ±U, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%.

- Uncertainty of Conducted Emission, Uc = ±3.1 dB
- Uncertainty of Radiated Emission below 1GHz, Uc = ±4.0 dB
- Uncertainty of Radiated Emission above 1GHz, Uc = ±4.8 dB
- Uncertainty of total RF power, conducted, Uc = ±0.8 dB
- Uncertainty of RF power density, conducted, Uc = ±2.6 dB
- Uncertainty of spurious emissions, conducted, Uc = ±2.7 dB
- Uncertainty of Occupied Channel Bandwidth: Uc = ±2 %

## 4. DESCRIPTION OF TEST MODES

| NO. | TEST MODE DESCRIPTION |
|---|---|
| 1 | Low channel TX(2405MHz) |
| 2 | Middle channel TX(2440MHz) |
| 3 | High channel TX(2475MHz) |

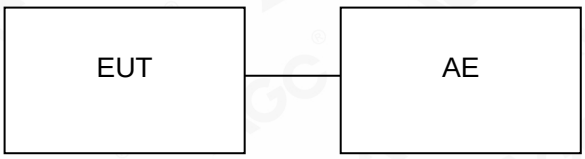
Note:

1. Only the result of the worst case was recorded in the report, if no other cases.
2. For Radiated Emission, 3axis were chosen for testing for each applicable mode.
3. For Conducted Test method, a temporary antenna connector is provided by the manufacture.
4.The EUT enters the fixed frequency state through the pressing Button 1 (increment mode) and Button 2 (dec rement mode) on the control board.

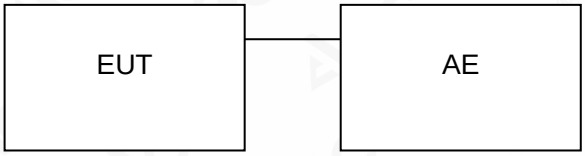
# 5. SYSTEM TEST CONFIGURATION

## 5.1. CONFIGURATION OF TESTED SYSTEM

Radiated Emission Configure:




Conducted Emission Configure:




## 5.2. EQUIPMENT USED IN TESTED SYSTEM

| Item | Equipment | Model No. | ID or Specification | Remark |
|---|---|---|---|---|
| 1 | NORA-B1 | NORA-B100 | XPYNORAB1 | EUT |
| 2 | Mobile phone | TCL | J326T | AE |
| 3 | PC | HUAWEI | DC 5V | AE |
| 4 | Control board | C3 | DC 3.3V | AE |

## 5.3. SUMMARY OF TEST RESULTS

| FCC RULES | DESCRIPTION OF TEST | RESULT |
|---|---|---|
| 15.247 (b)(3) | Peak Output Power | Compliant |
| 15.247 (a)(2) | 6 dB Bandwidth | Compliant |
| 15.247 (d) | Conducted Spurious Emission | Compliant |
| 15.247 (e) | Maximum Conducted Output Power Density | Compliant |
| 15.209 | Radiated Emission | Compliant |
| 15.207 | Conducted Emission | Compliant |

## 6. TEST FACILITY

| | |
|---|---|
| **Test Site** | Attestation of Global Compliance (Shenzhen) Co., Ltd |
| **Location** | 1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China |
| **Designation Number** | CN1259 |
| **FCC Test Firm Registration Number** | 975832 |
| **A2LA Cert. No.** | 5054.02 |
| **Description** | Attestation of Global Compliance (Shenzhen) Co., Ltd is accredited by A2LA |

**TEST EQUIPMENT OF CONDUCTED EMISSION TEST**

| Equipment | Manufacturer | Model | S/N | Cal. Date | Cal. Due |
|---|---|---|---|---|---|
| TEST RECEIVER | R&S | ESPI | 101206 | May 15, 2020 | May 14, 2021 |
| TEST RECEIVER | R&S | ESPI | 101206 | May 15, 2021 | May 14, 2022 |
| LISN | R&S | ESH2-Z5 | 100086 | Jul. 03, 2020 | Jul. 02, 2021 |
| Test software | R&S | ES-K1(Ver.V1.71) | N/A | N/A | N/A |

**TEST EQUIPMENT OF RADIATED EMISSION TEST**

| Equipment | Manufacturer | Model | S/N | Cal. Date | Cal. Due |
|---|---|---|---|---|---|
| TEST RECEIVER | R&S | ESCI | 10096 | May 15, 2020 | May 14, 2021 |
| TEST RECEIVER | R&S | ESCI | 10096 | May 15, 2021 | May 14, 2022 |
| EXA Signal Analyzer | Aglient | N9010A | MY53470504 | Dec. 07, 2020 | Dec. 06, 2021 |
| 2.4GHz Filter | EM Electronics | 2400-2500MHz | N/A | Mar. 23, 2020 | Mar. 22, 2022 |
| Attenuator | ZHINAN | E-002 | N/A | Sep. 03, 2020 | Sep. 02, 2022 |
| Horn antenna | SCHWARZBECK | BBHA 9170 | #768 | Sep. 21, 2019 | Sep. 20, 2021 |
| Active loop antenna (9K-30MHz) | ZHINAN | ZN30900C | 18051 | May 22, 2020 | May 21, 2022 |
| Double-Ridged Waveguide Horn | ETS LINDGREN | 3117 | 00034609 | May 17, 2019 | May 16, 2021 |
| Double-Ridged Waveguide Horn | ETS LINDGREN | 3117 | 00034609 | Apr. 23, 2021 | Apr. 22, 2022 |
| Broadband Preamplifier | ETS LINDGREN | 3117PA | 00225134 | Sep. 03, 2020 | Sep. 02, 2022 |
| ANTENNA | SCHWARZBECK | VULB9168 | 494 | Sep. 20, 2019 | Sep. 19, 2021 |
| Test software | Tonscend | JS32-RE (Ver.2.5) | N/A | N/A | N/A |

# 7. PEAK OUTPUT POWER

## 7.1. MEASUREMENT PROCEDURE

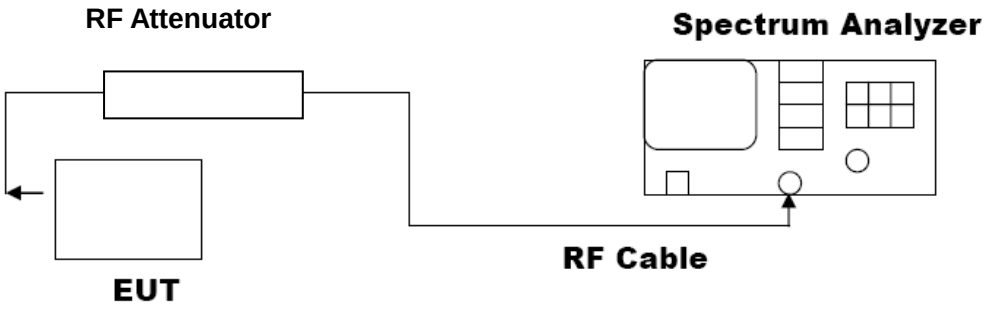
For peak power test:

1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
2. RBW≥DTS bandwidth
3. VBW≥3*RBW.
4. SPAN≥VBW.
5. Sweep: Auto.
6. Detector function: Peak.
7. Trace: Max hold.

Allow trace to stabilize. Use the marker-to-peak function to set the marker to the peak of the emission. The indicated level is the peak output power, after any corrections for external attenuators and cables.

## 7.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)

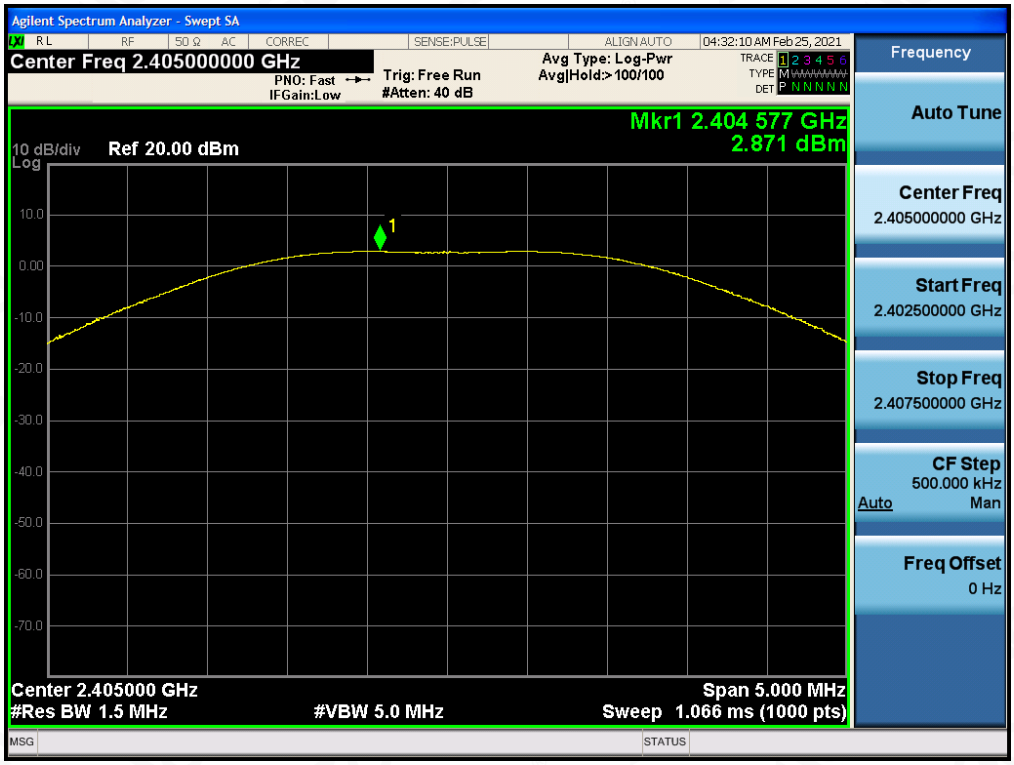
**PEAK POWER TEST SETUP**



## 7.3. LIMITS AND MEASUREMENT RESULT

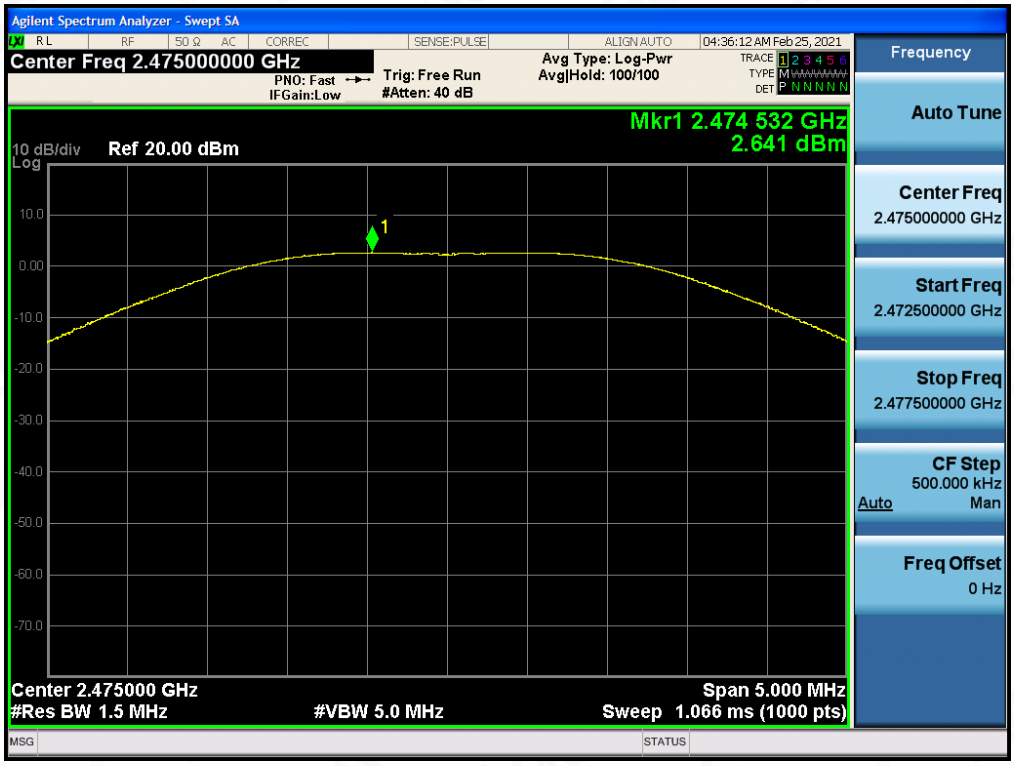
| PEAK OUTPUT POWER MEASUREMENT RESULT FOR GFSK MOUDULATION | | | |
|---|---|---|---|
| Frequency (GHz) | Peak Power (dBm) | Applicable Limits (dBm) | Pass or Fail |
| 2.405 | 2.871 | 30 | Pass |
| 2.440 | 2.732 | 30 | Pass |
| 2.475 | 2.641 | 30 | Pass |

CH0



CH07


CH15



# 8. 6 DB BANDWIDTH

## 8.1. MEASUREMENT PROCEDURE

1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
2. Set the EUT Work on the top, the middle and the bottom operation frequency individually.
3. Set SPA Centre Frequency = Operation Frequency, RBW= 100 kHz, VBW≥3×RBW.
4. Set SPA Trace 1 Max hold, then View.

**Note:** The EUT was tested according to ANSI C63.10 for compliance to FCC PART 15.247 requirements.

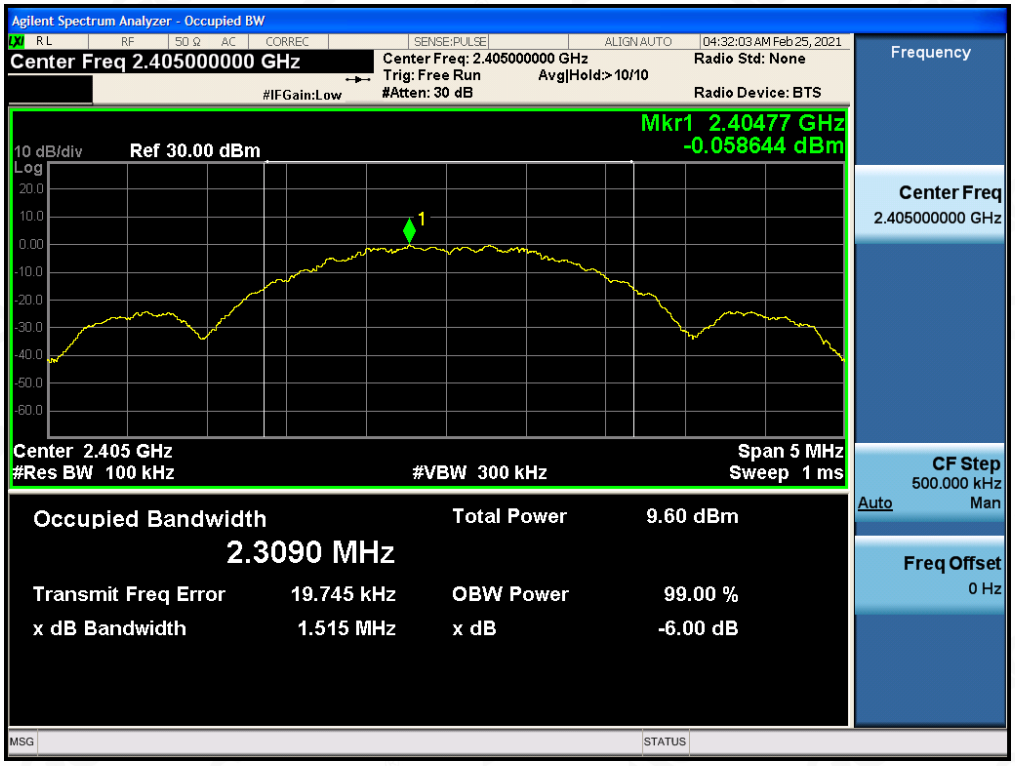
## 8.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)

The same as described in section 7.2.

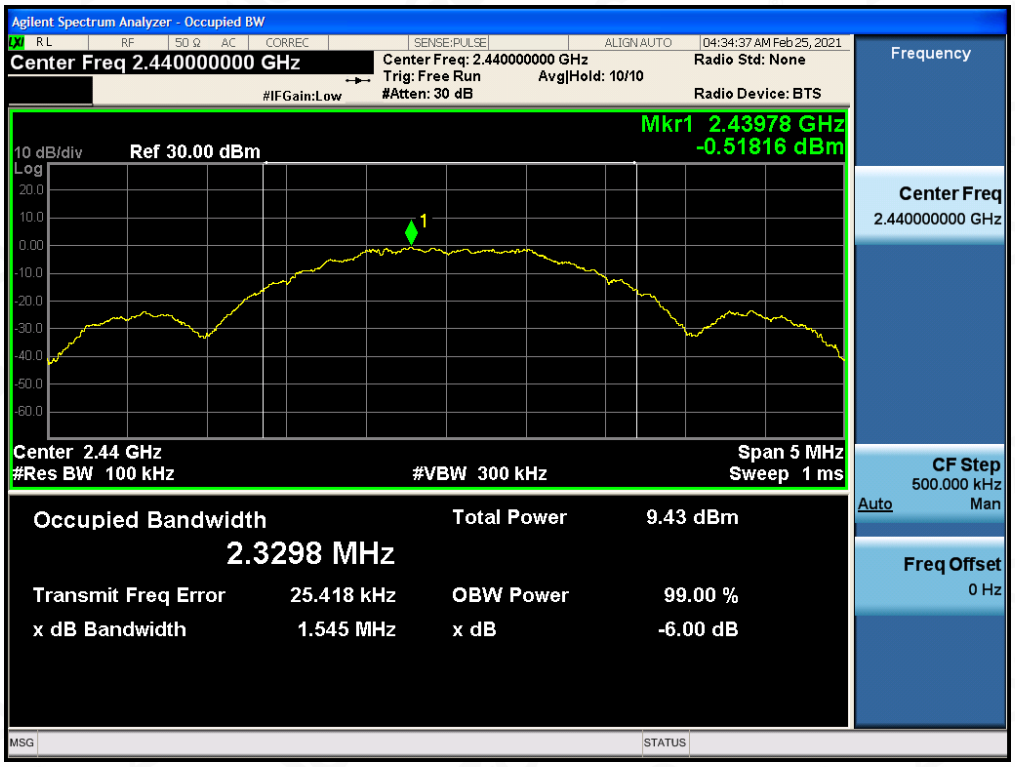
## 8.3. LIMITS AND MEASUREMENT RESULTS

| LIMITS AND MEASUREMENT RESULT | | | |
|---|---|---|---|
| Applicable Limits | Applicable Limits | | |
| | Test Data (kHz) | | Criteria |
| >500KHZ | Low Channel | 1515 | PASS |
| | Middle Channel | 1545 | PASS |
| | High Channel | 1551 | PASS |

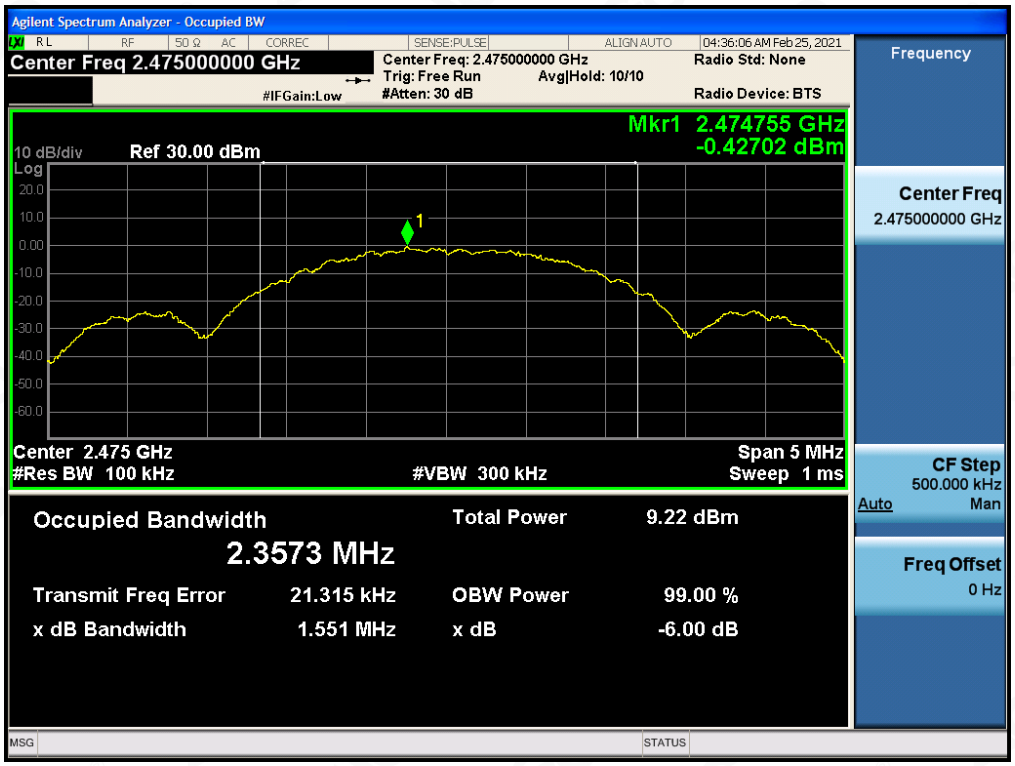
TEST PLOT OF BANDWIDTH FOR LOW CHANNEL



TEST PLOT OF BANDWIDTH FOR MIDDLE CHANNEL




TEST PLOT OF BANDWIDTH FOR HIGH CHANNEL



# 9. CONDUCTED SPURIOUS EMISSION

## 9.1. MEASUREMENT PROCEDURE

1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
2, Set the EUT Work on the top, the middle and the bottom operation frequency individually.
3. Set SPA Trace 1 Max hold, then View.

**Note:** The EUT was tested according to ANSI C63.10 for compliance to FCC PART 15.247 requirements.

## 9.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)

The same as described in section 7.2.

## 9.3. MEASUREMENT EQUIPMENT USED

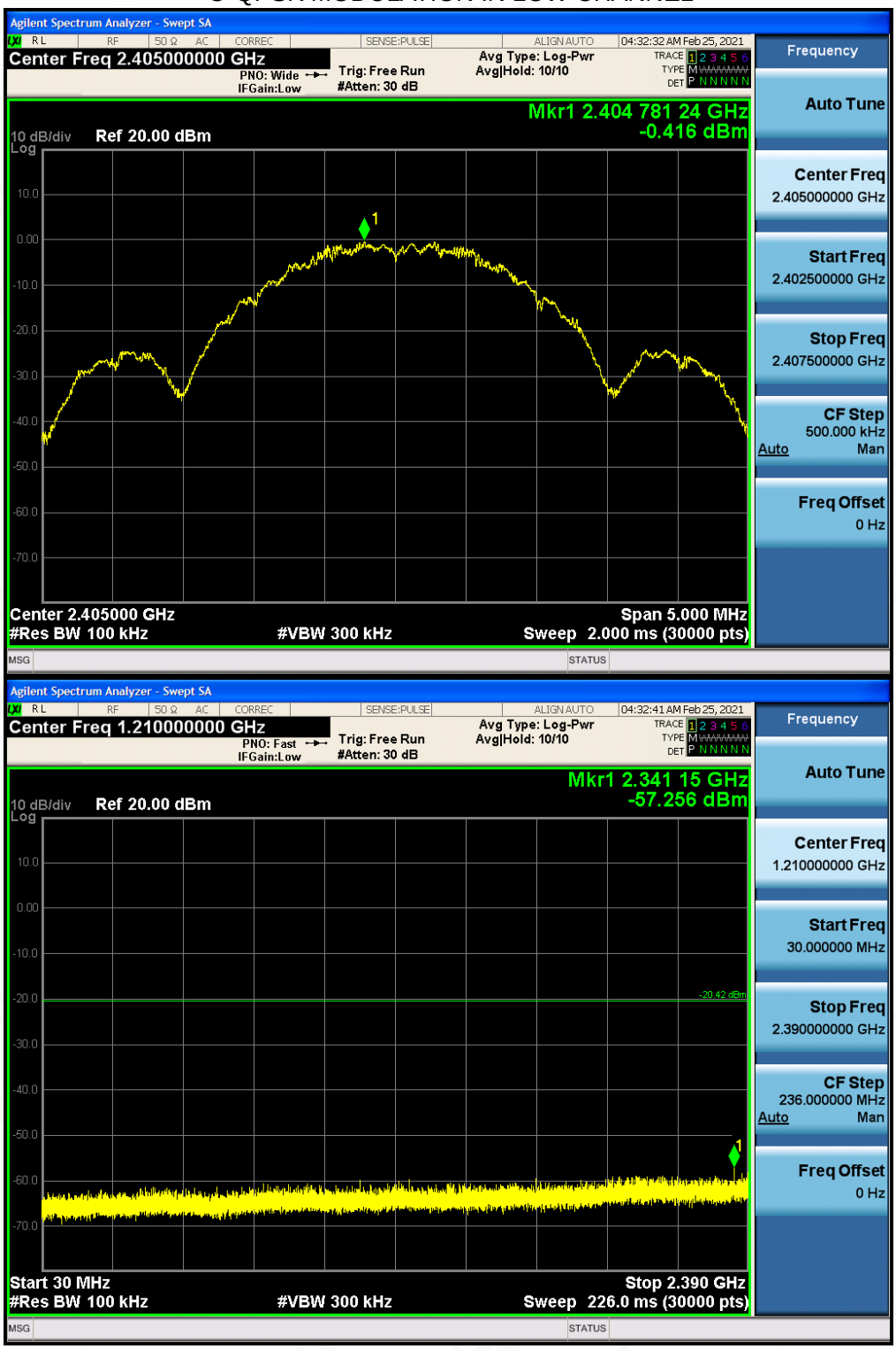
The same as described in section 6.

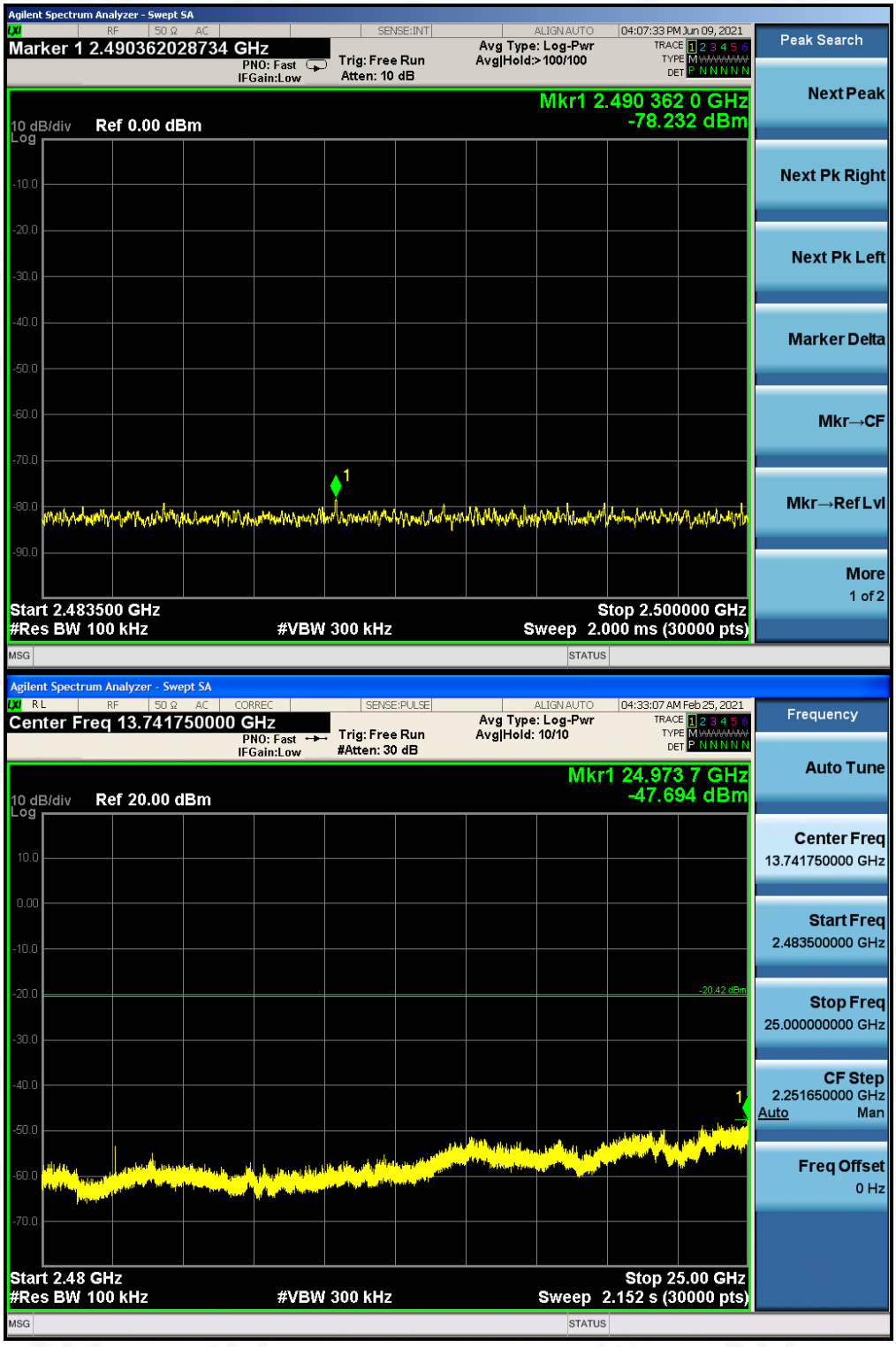
## 9.4. LIMITS AND MEASUREMENT RESULT

| LIMITS AND MEASUREMENT RESULT | | |
|---|---|---|
| **Applicable Limits** | **Measurement Result** | |
| | **Test Data** | **Criteria** |
| In any 100 kHz Bandwidth Outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produce by the intentional radiator shall be at least 20 dB below that in 100KHz bandwidth within the band that contains the highest level of the desired power. | At least -20dBc than the reference level | PASS |

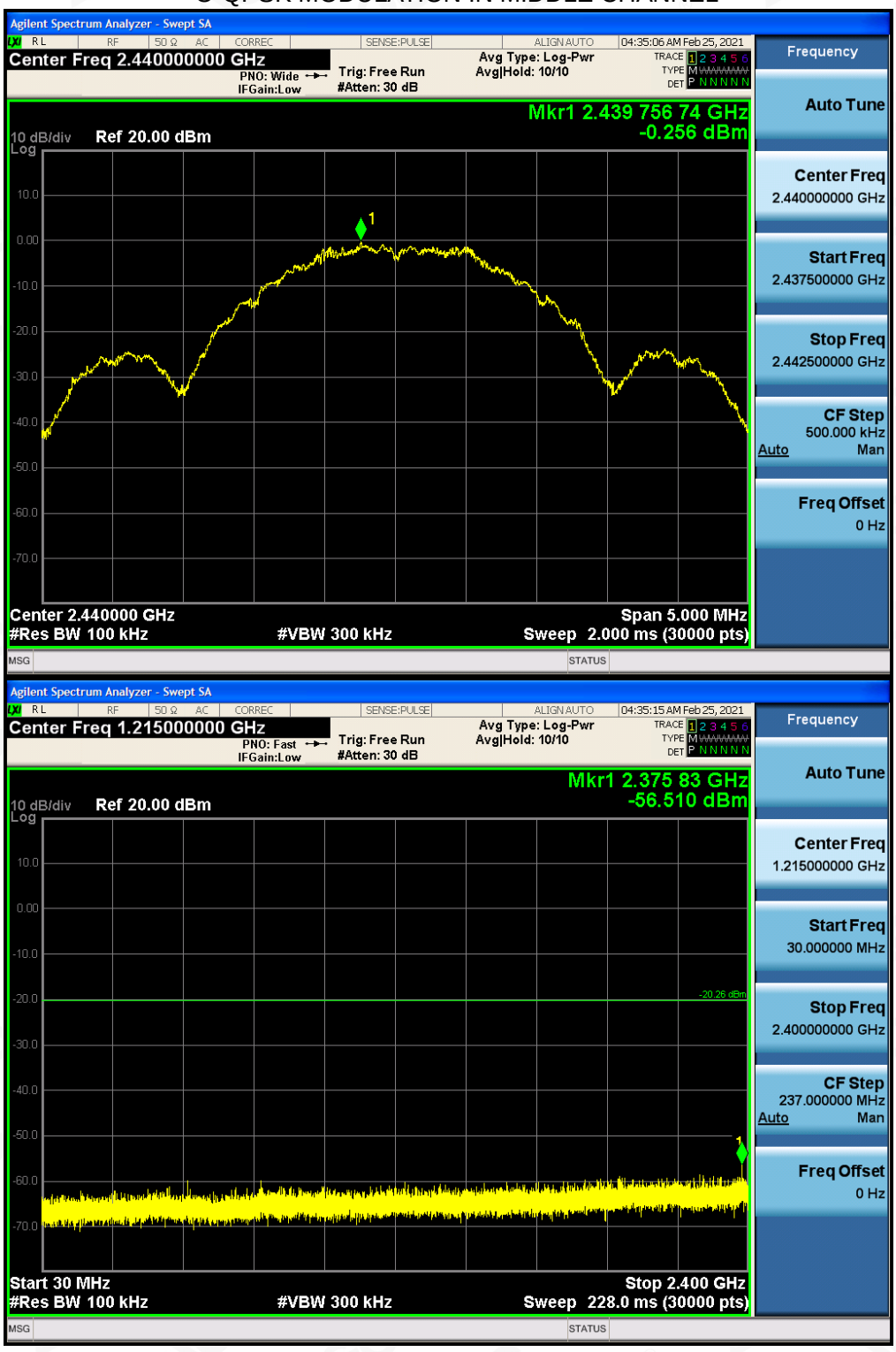
## TEST RESULT FOR ENTIRE FREQUENCY RANGE

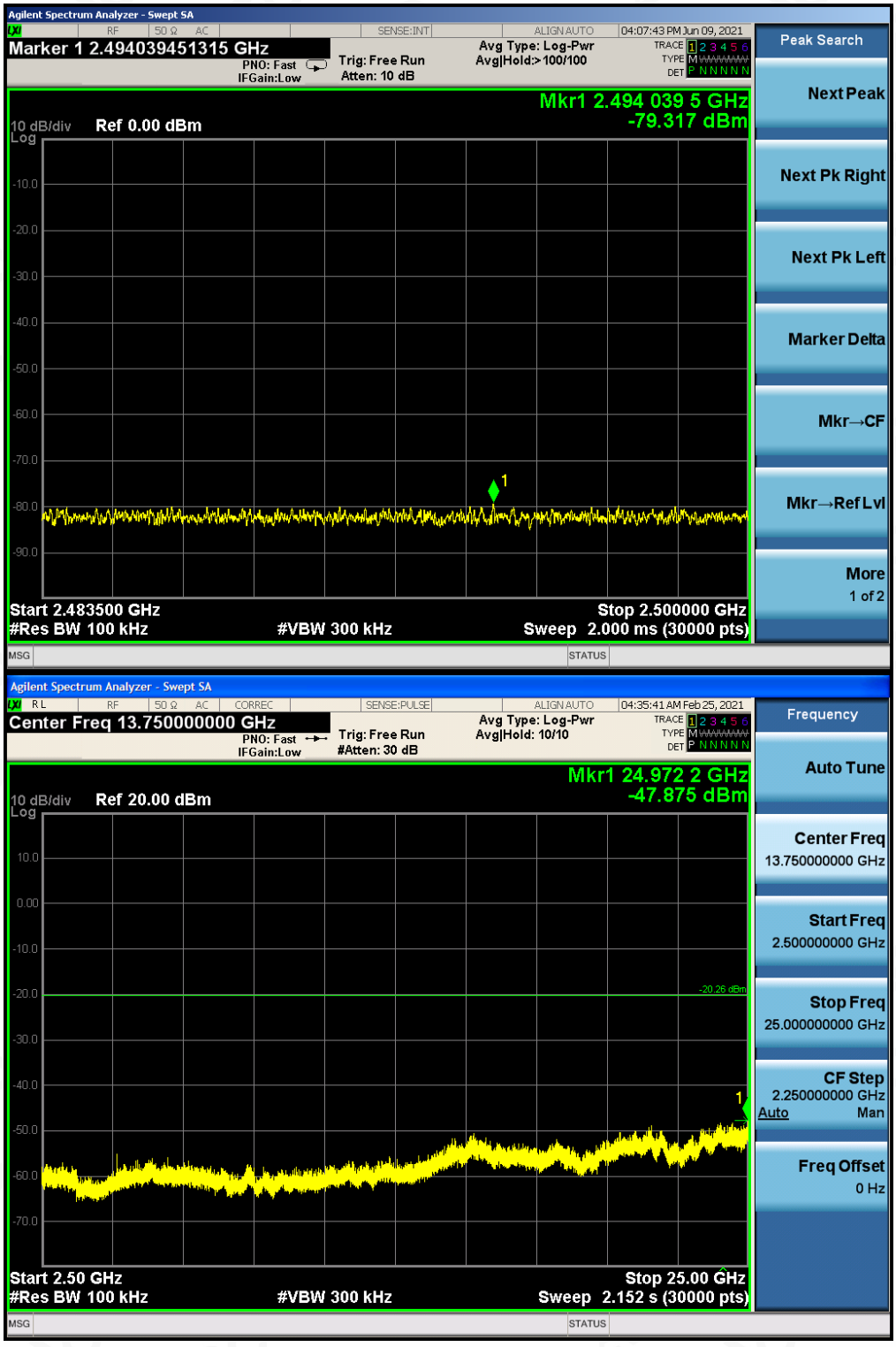
O-QPSK MODULATION IN LOW CHANNEL



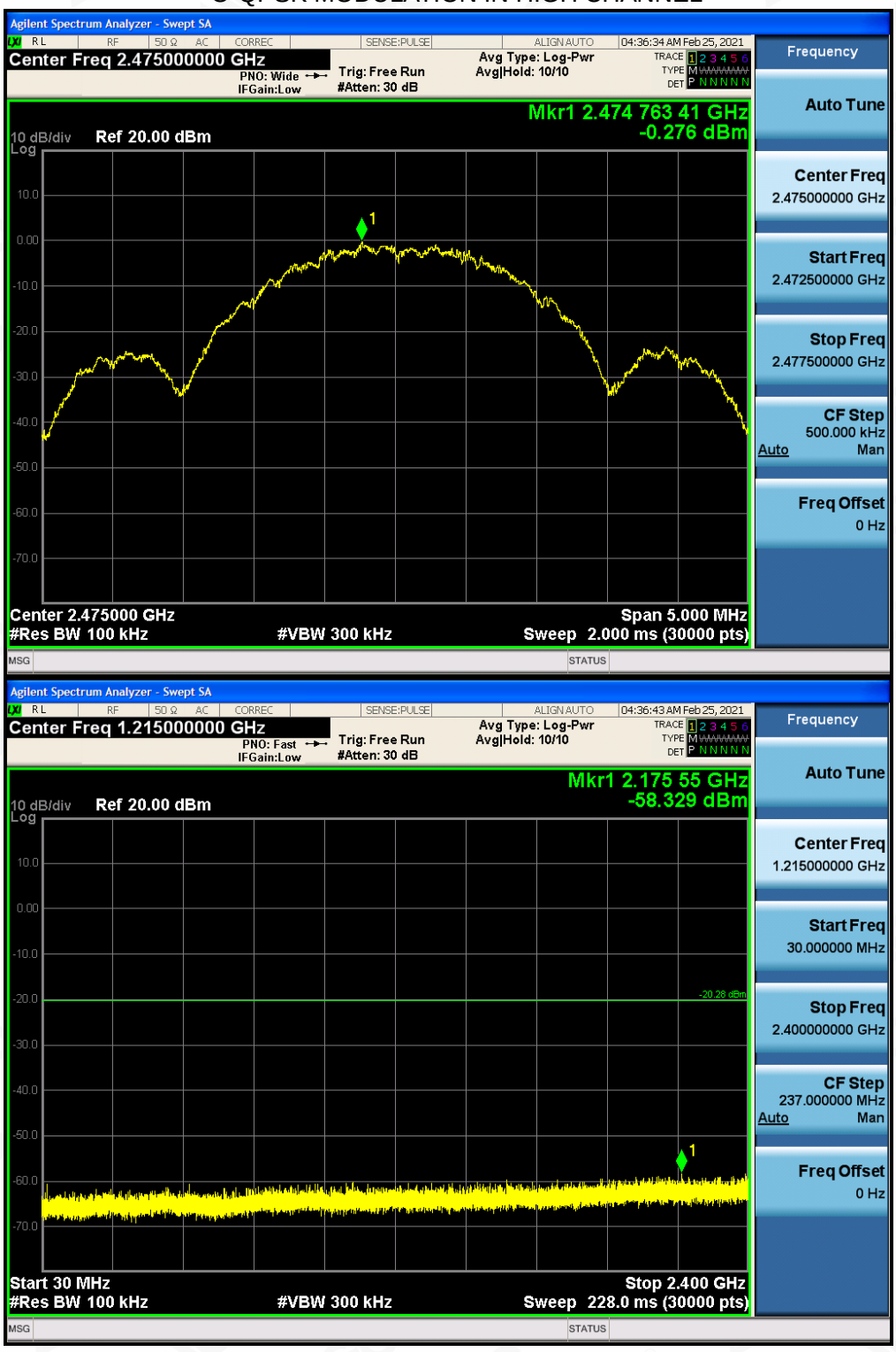


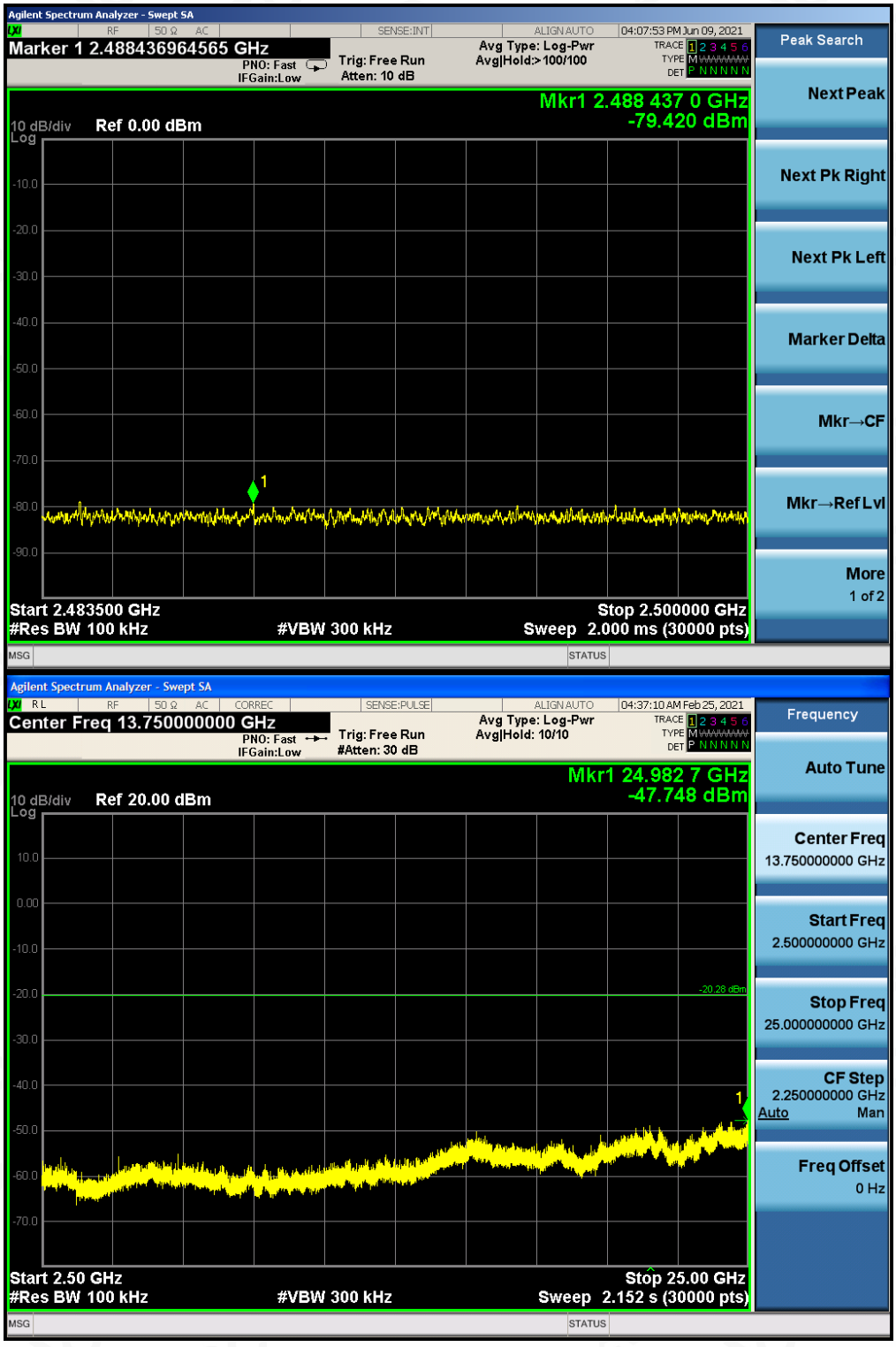
O-QPSK MODULATION IN MIDDLE CHANNEL





O-QPSK MODULATION IN HIGH CHANNEL



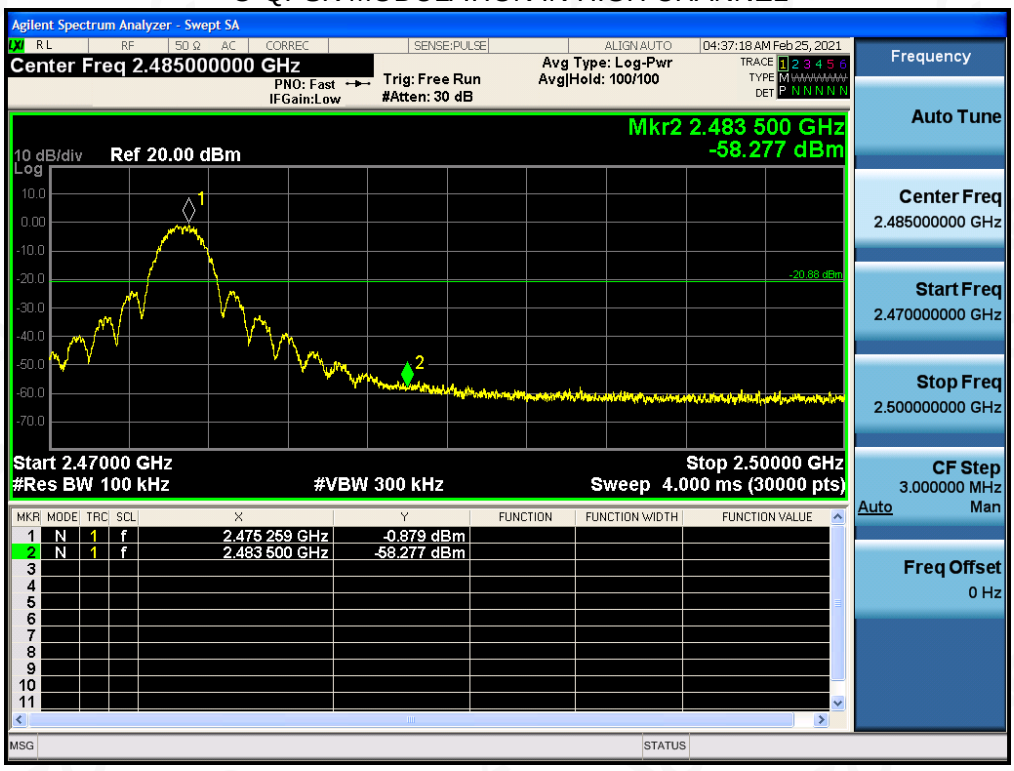



Note: The peak emissions without marker on the above plots are fundamental wave and need not to compare with the limit.

## TEST RESULT FOR BAND EDGE

O-QPSK MODULATION IN LOW CHANNEL


O-QPSK MODULATION IN HIGH CHANNEL



# 10. MAXIMUM CONDUCTED OUTPUT POWER SPECTRAL DENSITY

## 10.1. MEASUREMENT PROCEDURE

(1). Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator

(2). Set the EUT Work on the top, the middle and the bottom operation frequency individually.

(3). Set the SPA Trace 1 Max hold, then View.

Note: The method of PKPSD in the KDB 558074 item 10.2 was used in this testing.

## 10.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)

Refer to Section 7.2.

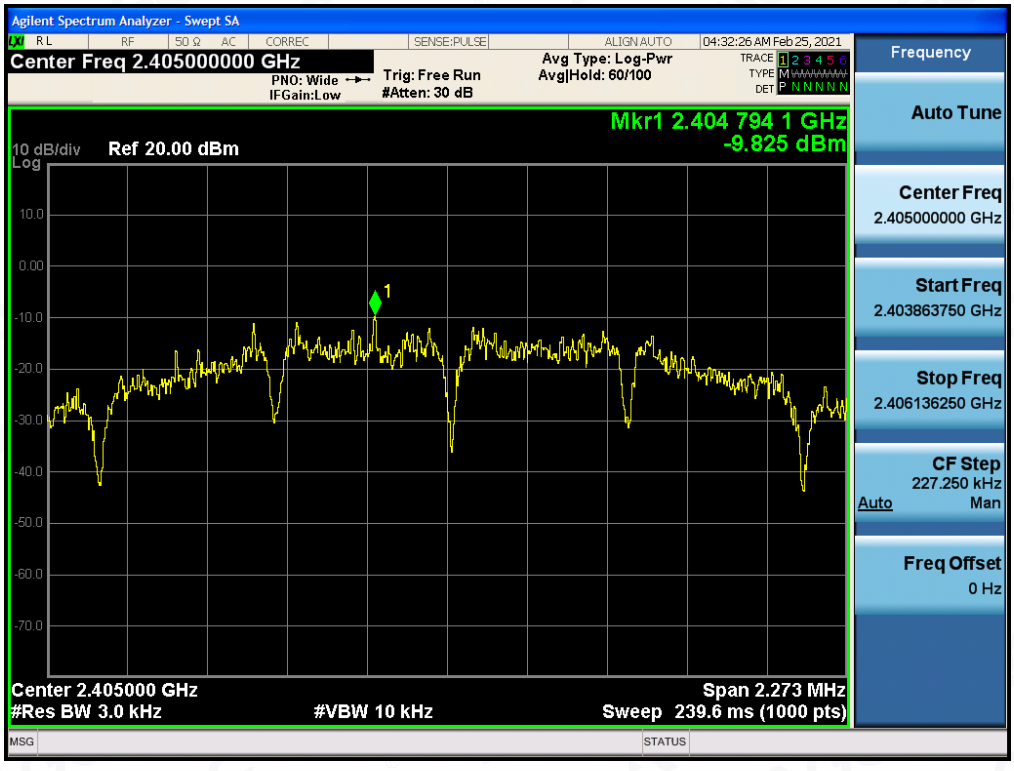
## 10.3. MEASUREMENT EQUIPMENT USED

Refer to Section 6.

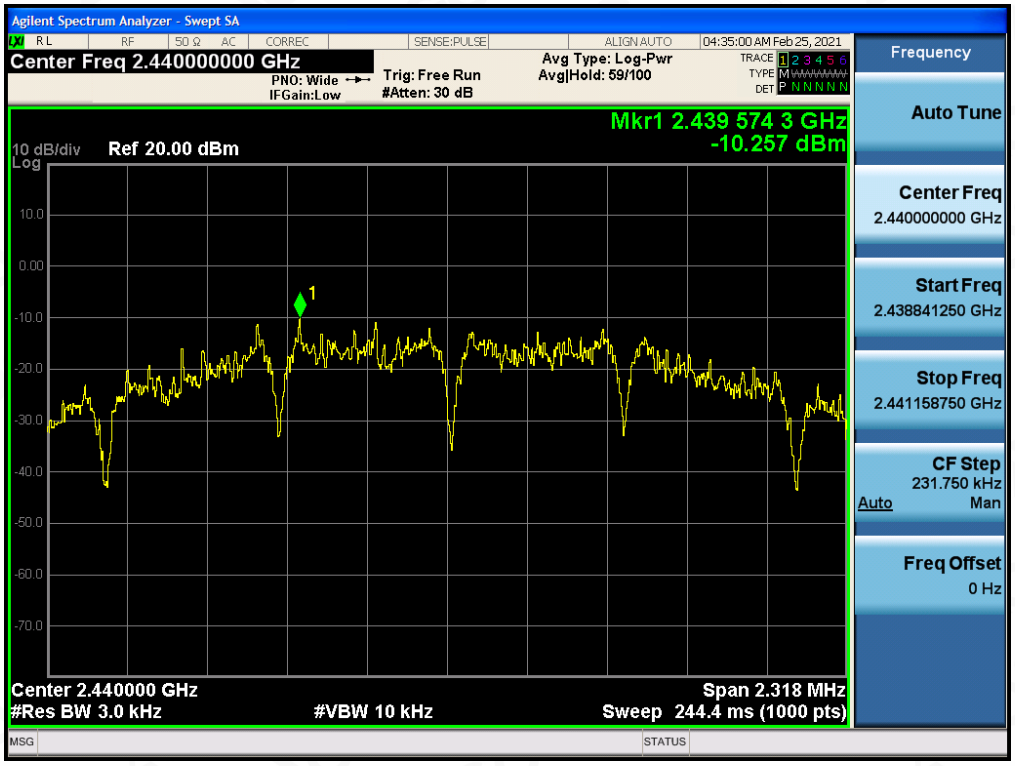
## 10.4. LIMITS AND MEASUREMENT RESULT

| Channel No. | PSD (dBm/3kHz) | Limit (dBm/3kHz) | Result |
|---|---|---|---|
| Low Channel | -9.825 | 8 | Pass |
| Middle Channel | -10.257 | 8 | Pass |
| High Channel | -10.289 | 8 | Pass |

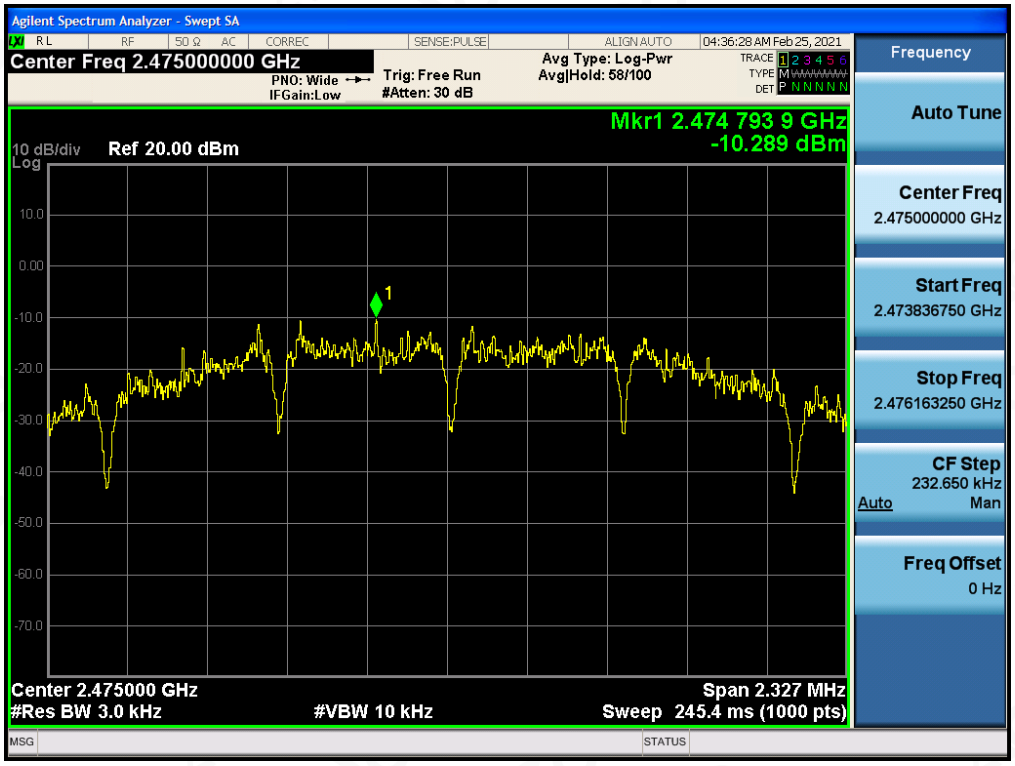
TEST PLOT OF SPECTRAL DENSITY FOR LOW CHANNEL



TEST PLOT OF SPECTRAL DENSITY FOR MIDDLE CHANNEL




TEST PLOT OF SPECTRAL DENSITY FOR HIGH CHANNEL



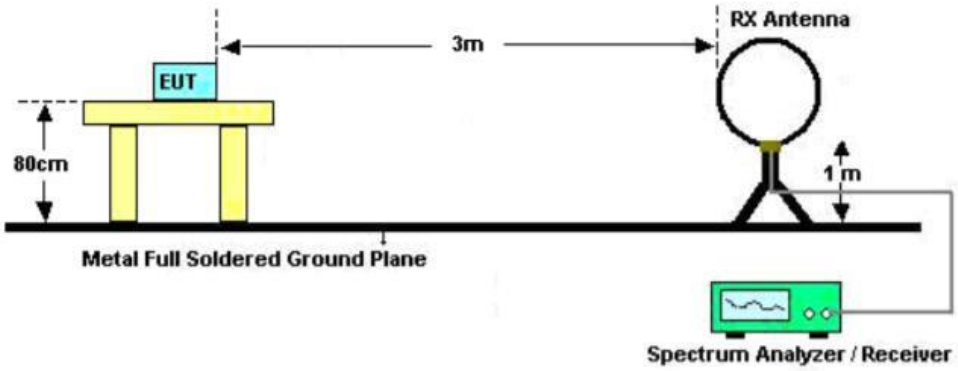
# 11. RADIATED EMISSION

## 11.1. MEASUREMENT PROCEDURE

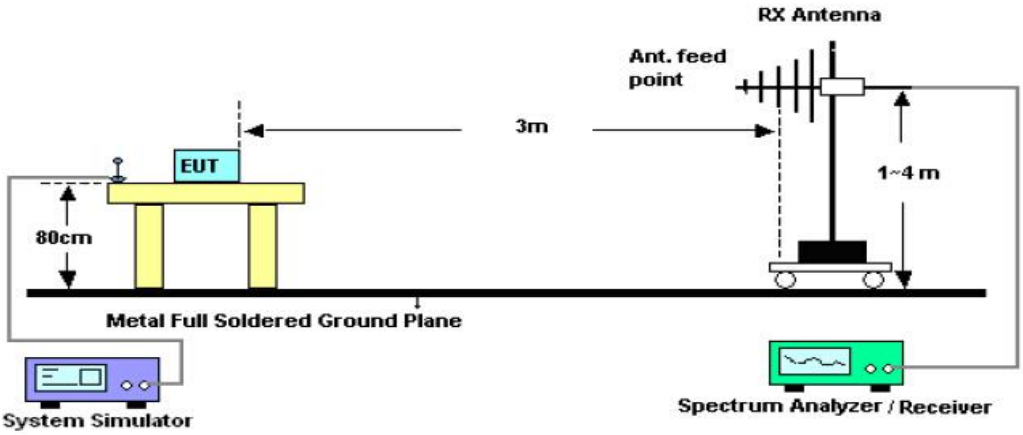
1. The EUT was placed on the top of the turntable 0.8 or 1.5 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
4. For each suspected emission, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
6. For emissions above 1GHz, use 1MHz RBW and 3MHz VBW for peak reading. Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
7. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum values.
8. If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
9. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
10. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High - Low scan is not required in this case.

## 11.2. TEST SETUP

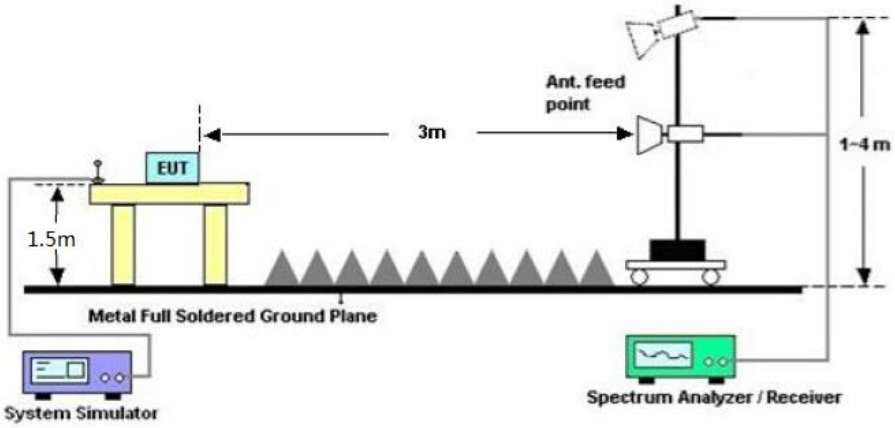
Radiated Emission Test-Setup Frequency Below 30MHz




RADIATED EMISSION TEST SETUP 30MHz-1000MHz




RADIATED EMISSION TEST SETUP ABOVE 1000MHz



### 11.3. LIMITS AND MEASUREMENT RESULT

15.209 Limit in the below table has to be followed

| Frequencies (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 | 3 |
| Above 960 | 500 | 3 |

Note: All modes were tested for restricted band radiated emission, the test records reported below are the worst result compared to other modes.

### 11.4. TEST RESULT

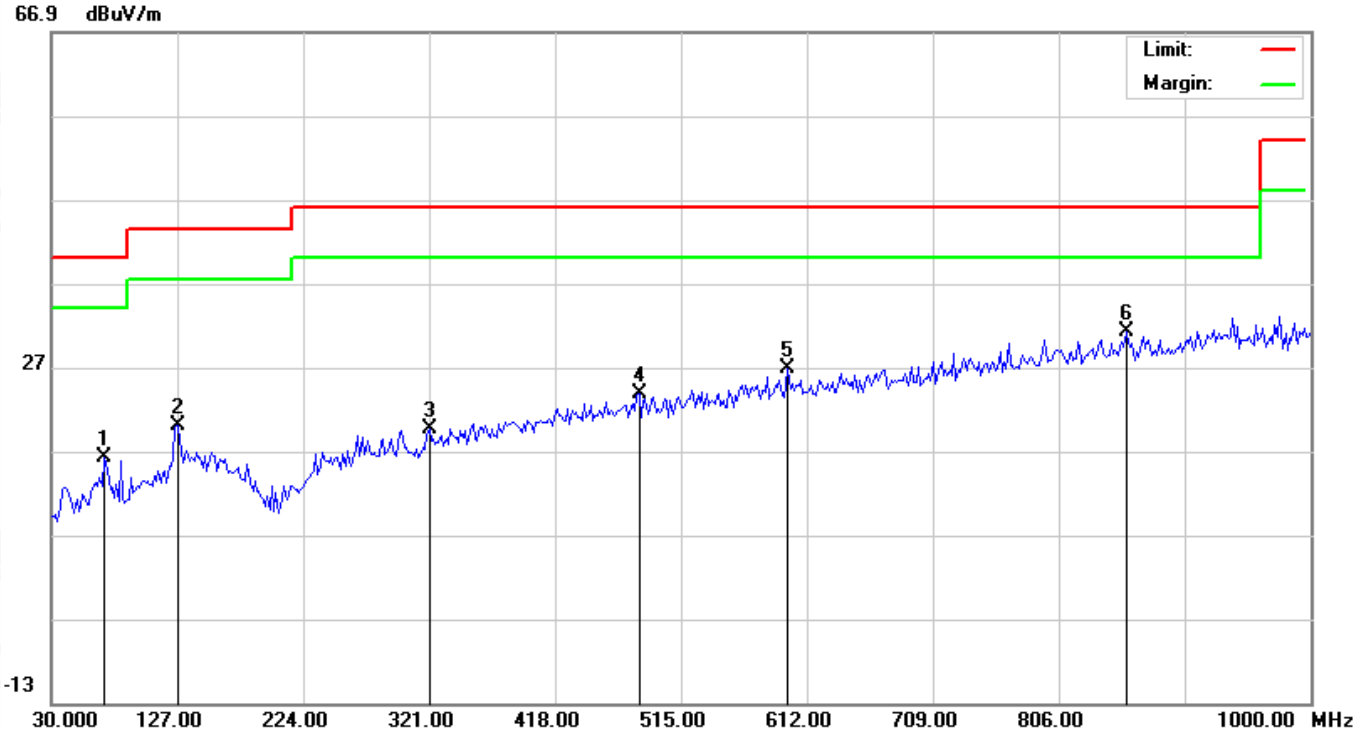
**RADIATED EMISSION BELOW 30MHz**

The amplitude of spurious emissions from 9kHz to 30MHz which are attenuated more than 20 dB below the permissible value need not be reported.

## RADIATED EMISSION BELOW 1GHZ

**Antenna 1**

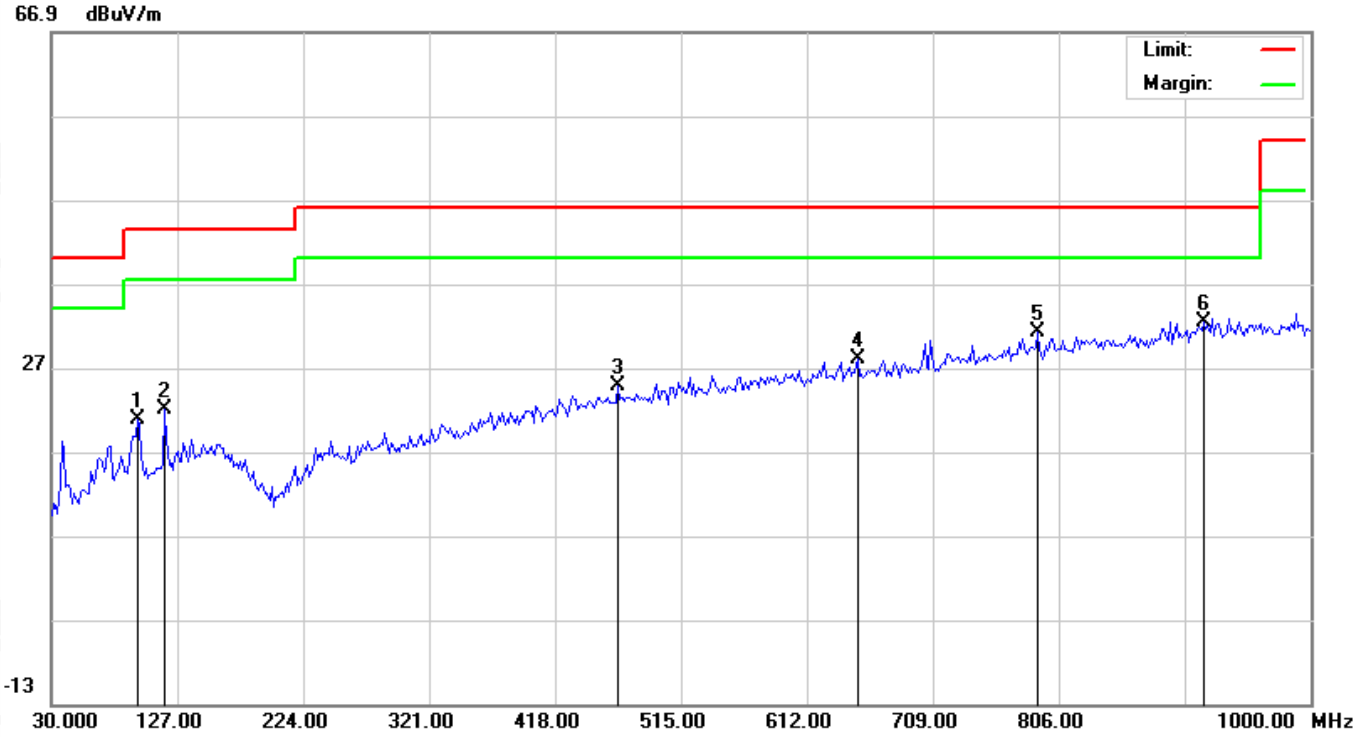
| EUT | NORA-B1 | Model Name | NORA-B100 |
|---|---|---|---|
| Temperature | 25° C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | Mode 1 | Antenna | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | |
|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector |
| 1 | | 70.4167 | -0.83 | 17.02 | 16.19 | 40.00 | -23.81 | peak |
| 2 | | 127.0000 | 1.55 | 18.41 | 19.96 | 43.50 | -23.54 | peak |
| 3 | | 321.0000 | -0.54 | 20.21 | 19.67 | 46.00 | -26.33 | peak |
| 4 | | 482.6667 | -0.89 | 24.64 | 23.75 | 46.00 | -22.25 | peak |
| 5 | | 597.4500 | -0.03 | 26.90 | 26.87 | 46.00 | -19.13 | peak |
| 6 | * | 857.7333 | 0.01 | 31.15 | 31.16 | 46.00 | -14.84 | peak |

**RESULT: PASS**

| EUT | NORA-B1 | Model Name | NORA-B100 |
|---|---|---|---|
| Temperature | 25° C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | Mode 1 | Antenna | Vertical |

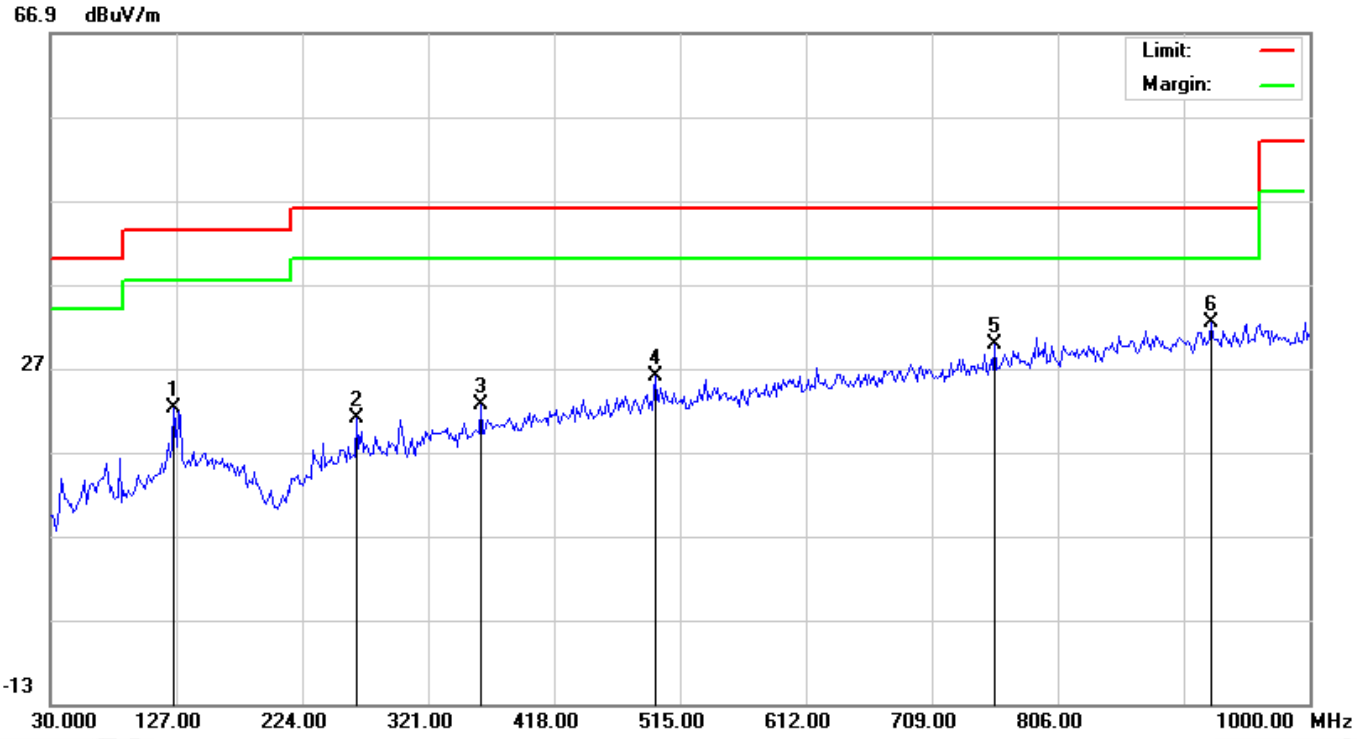



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | |
|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector |
| 1 | | 96.2833 | 5.13 | 15.63 | 20.76 | 43.50 | -22.74 | peak |
| 2 | | 117.3000 | 4.23 | 17.71 | 21.94 | 43.50 | -21.56 | peak |
| 3 | | 466.5000 | 0.53 | 24.32 | 24.85 | 46.00 | -21.15 | peak |
| 4 | | 650.8000 | 0.40 | 27.56 | 27.96 | 46.00 | -18.04 | peak |
| 5 | | 789.8333 | 1.10 | 30.18 | 31.28 | 46.00 | -14.72 | peak |
| 6 | * | 917.5500 | 0.65 | 31.85 | 32.50 | 46.00 | -13.50 | peak |

**RESULT: PASS**

**Antenna 2**

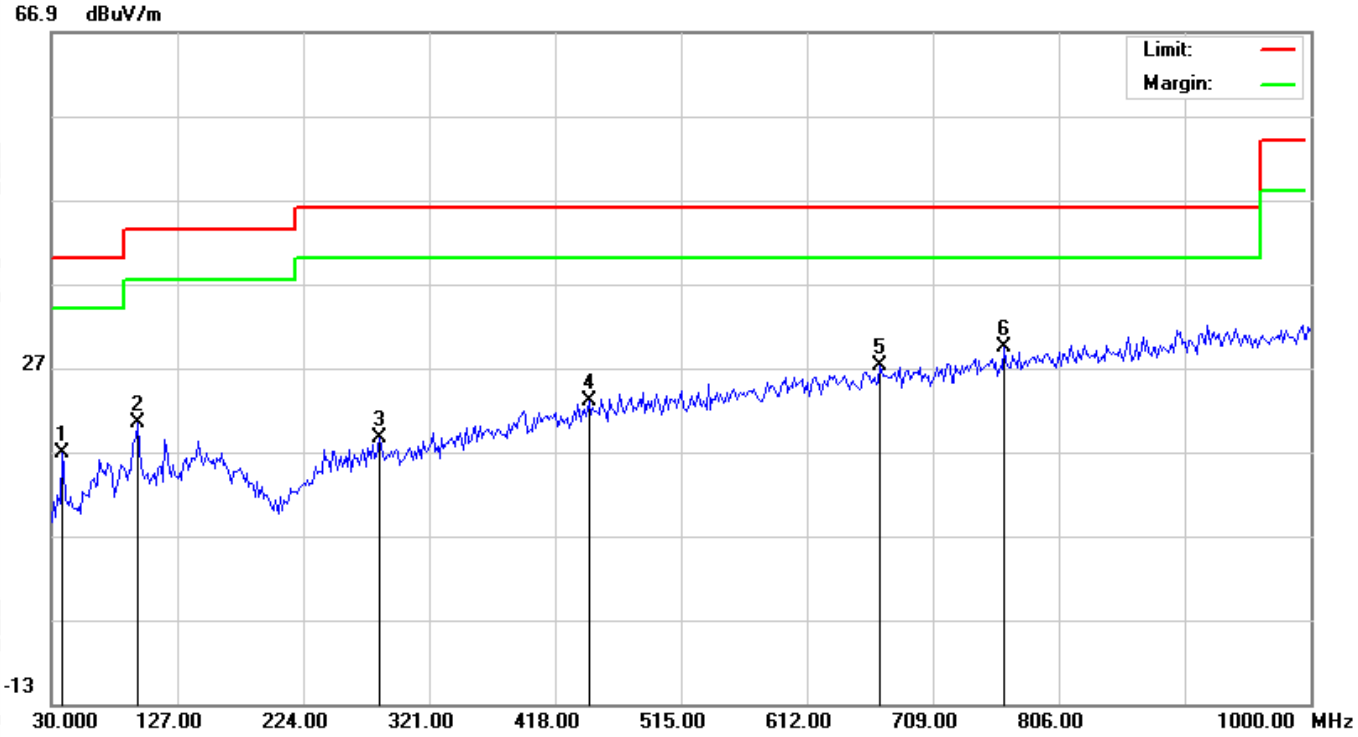
| EUT | NORA-B1 | Model Name | NORA-B100 |
|---|---|---|---|
| Temperature | 25° C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | Mode 1 | Antenna | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | |
|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector |
| 1 | | 125.3833 | 3.83 | 18.31 | 22.14 | 43.50 | -21.36 | peak |
| 2 | | 266.0333 | 2.20 | 18.80 | 21.00 | 46.00 | -25.00 | peak |
| 3 | | 361.4166 | 0.91 | 21.63 | 22.54 | 46.00 | -23.46 | peak |
| 4 | | 495.6000 | 1.01 | 24.90 | 25.91 | 46.00 | -20.09 | peak |
| 5 | | 757.5000 | 0.42 | 29.45 | 29.87 | 46.00 | -16.13 | peak |
| 6 | * | 924.0167 | 0.42 | 31.91 | 32.33 | 46.00 | -13.67 | peak |

**RESULT: PASS**

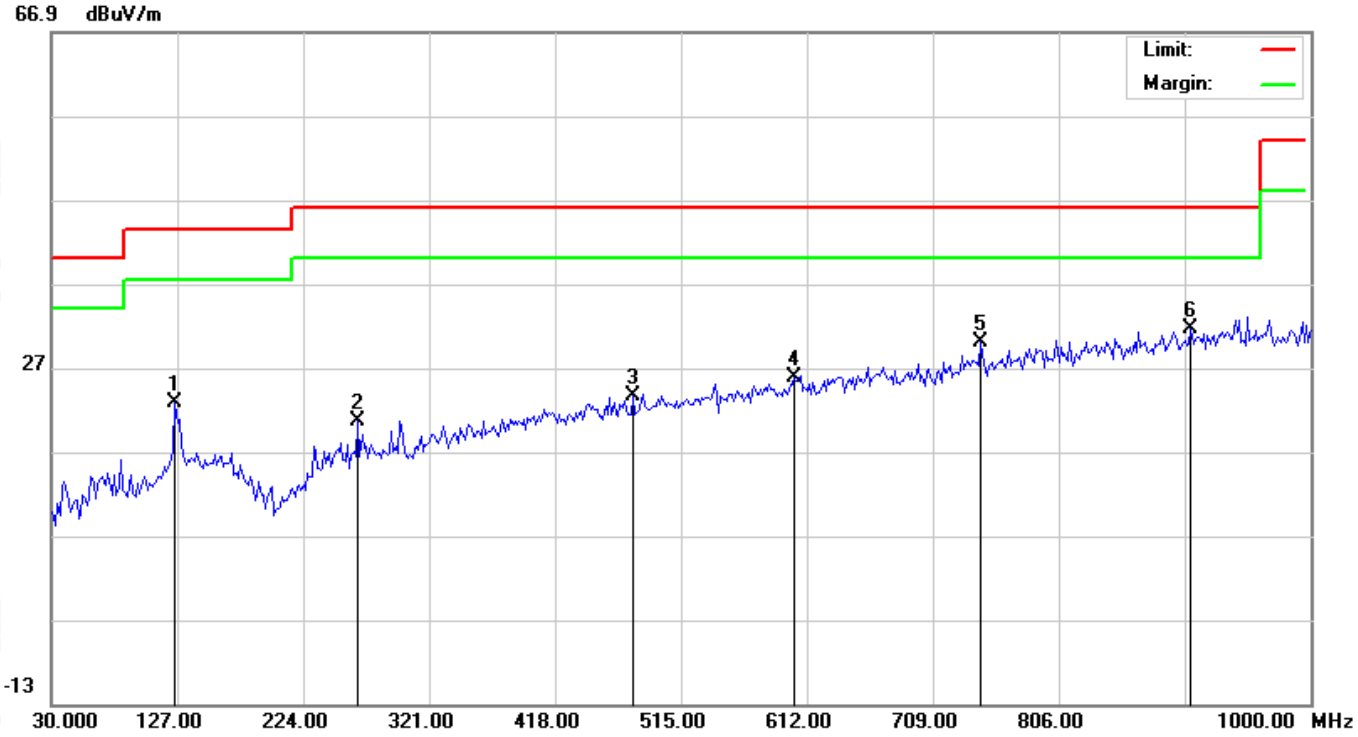
| EUT | NORA-B1 | Model Name | NORA-B100 |
|---|---|---|---|
| Temperature | 25° C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | Mode 1 | Antenna | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | |
|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector |
| 1 | | 38.0833 | 2.75 | 14.03 | 16.78 | 40.00 | -23.22 | peak |
| 2 | | 96.2833 | 4.75 | 15.63 | 20.38 | 43.50 | -23.12 | peak |
| 3 | | 282.2000 | -1.27 | 19.89 | 18.62 | 46.00 | -27.38 | peak |
| 4 | | 443.8667 | -0.85 | 23.86 | 23.01 | 46.00 | -22.99 | peak |
| 5 | | 668.5833 | -0.63 | 27.77 | 27.14 | 46.00 | -18.86 | peak |
| 6 | * | 763.9667 | -0.20 | 29.60 | 29.40 | 46.00 | -16.60 | peak |

**RESULT: PASS**

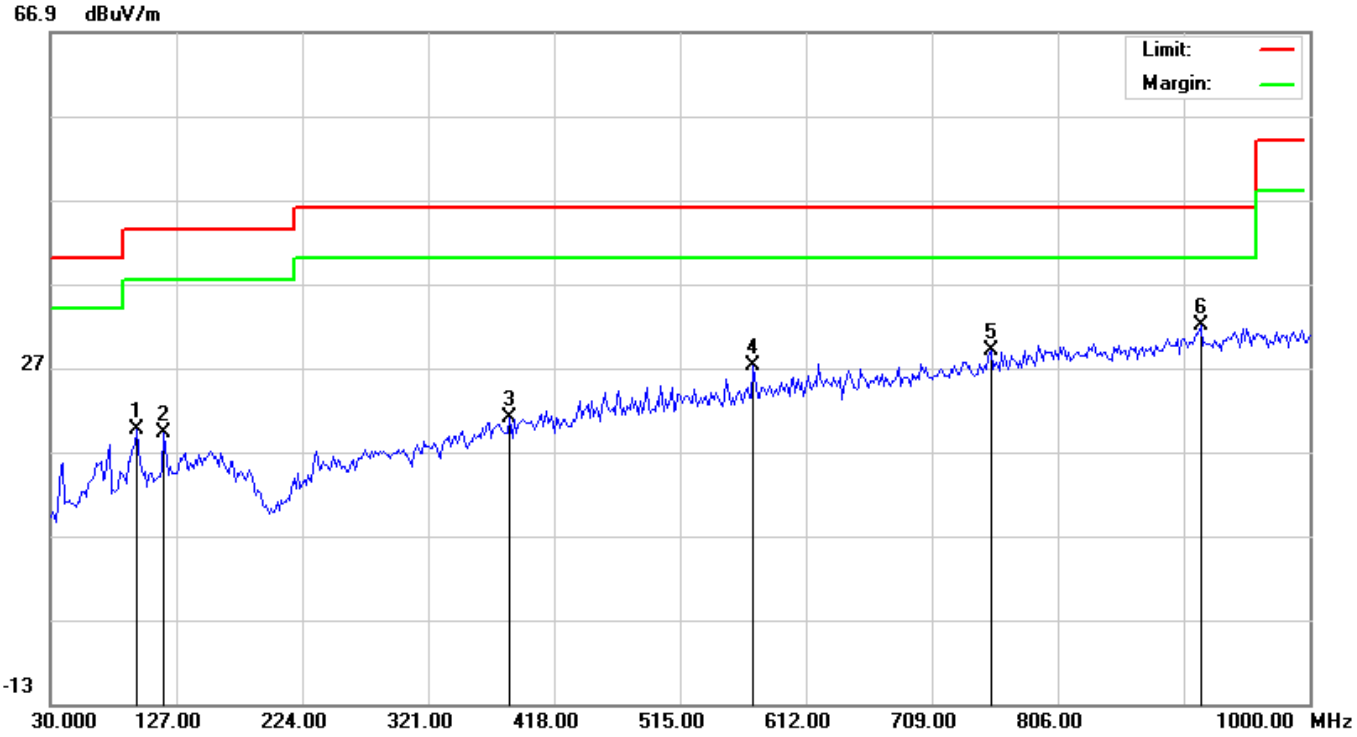
| EUT | NORA-B1 | Model Name | NORA-B106 |
|---|---|---|---|
| Temperature | 25° C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | Mode 1 | Antenna | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | |
|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector |
| 1 | | 125.3833 | 4.41 | 18.31 | 22.72 | 43.50 | -20.78 | peak |
| 2 | | 266.0333 | 1.79 | 18.80 | 20.59 | 46.00 | -25.41 | peak |
| 3 | | 477.8167 | -0.94 | 24.54 | 23.60 | 46.00 | -22.40 | peak |
| 4 | | 602.3000 | -1.09 | 26.98 | 25.89 | 46.00 | -20.11 | peak |
| 5 | | 746.1833 | 0.85 | 29.19 | 30.04 | 46.00 | -15.96 | peak |
| 6 | * | 907.8500 | -0.15 | 31.77 | 31.62 | 46.00 | -14.38 | peak |

**RESULT: PASS**

| EUT | NORA-B1 | Model Name | NORA-B106 |
|---|---|---|---|
| Temperature | 25° C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | Mode 1 | Antenna | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Over | |
|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector |
| 1 | | 96.2833 | 3.97 | 15.63 | 19.60 | 43.50 | -23.90 | peak |
| 2 | | 117.3000 | 1.47 | 17.71 | 19.18 | 43.50 | -24.32 | peak |
| 3 | | 384.0500 | -1.43 | 22.42 | 20.99 | 46.00 | -25.01 | peak |
| 4 | | 571.5833 | 0.74 | 26.39 | 27.13 | 46.00 | -18.87 | peak |
| 5 | | 754.2667 | -0.47 | 29.38 | 28.91 | 46.00 | -17.09 | peak |
| 6 | * | 915.9333 | 0.07 | 31.84 | 31.91 | 46.00 | -14.09 | peak |

**RESULT: PASS**
**Note:**

1. Factor=Antenna Factor + Cable loss, Margin=Measurement-Limit.
2. All test modes had been tested. The mode 1 is the worst case and recorded in the report.

## RADIATED EMISSION ABOVE 1GHZ

**Antenna 1**

| | | | |
|---|---|---|---|
| **EUT** | NORA-B1 | **Model Name** | NORA-B100 |
| **Temperature** | 25° C | **Relative Humidity** | 55.4% |
| **Pressure** | 960hPa | **Test Voltage** | Normal Voltage |
| **Test Mode** | Mode 1 | **Antenna** | Horizontal |

| Frequency (MHz) | Meter Reading (dBμV) | Factor (dB) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Value Type |
|---|---|---|---|---|---|---|
| 4810.000 | 45.26 | 0.08 | 45.34 | 74 | -28.66 | peak |
| 4810.000 | 34.79 | 0.08 | 34.87 | 54 | -19.13 | AVG |
| 7215.000 | 41.06 | 2.21 | 43.27 | 74 | -30.73 | peak |
| 7215.000 | 30.54 | 2.21 | 32.75 | 54 | -21.25 | AVG |
| | | | | | | |
| | | | | | | |

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

| | | | |
|---|---|---|---|
| **EUT** | NORA-B1 | **Model Name** | NORA-B100 |
| **Temperature** | 25° C | **Relative Humidity** | 55.4% |
| **Pressure** | 960hPa | **Test Voltage** | Normal Voltage |
| **Test Mode** | Mode 1 | **Antenna** | Vertical |

| Frequency (MHz) | Meter Reading (dBμV) | Factor (dB) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Value Type |
|---|---|---|---|---|---|---|
| 4810.000 | 56.28 | 0.08 | 56.36 | 74 | -17.64 | peak |
| 4810.000 | 35.46 | 0.08 | 35.54 | 54 | -18.46 | AVG |
| 7215.000 | 42.87 | 2.21 | 45.08 | 74 | -28.92 | peak |
| 7215.000 | 32.94 | 2.21 | 35.15 | 54 | -18.85 | AVG |
| | | | | | | |
| | | | | | | |

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

| EUT | NORA-B1 | Model Name | NORA-B100 |
|---|---|---|---|
| Temperature | 25° C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | Mode 2 | Antenna | Horizontal |

| Frequency (MHz) | Meter Reading (dBμV) | Factor (dB) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Value Type |
|---|---|---|---|---|---|---|
| 4880.000 | 46.19 | 0.14 | 46.33 | 74 | -27.67 | peak |
| 4880.000 | 36.14 | 0.14 | 36.28 | 54 | -17.72 | AVG |
| 7320.000 | 42.58 | 2.36 | 44.94 | 74 | -29.06 | peak |
| 7320.000 | 31.55 | 2.36 | 33.91 | 54 | -20.09 | AVG |
| | | | | | | |
| | | | | | | |
| Remark: | | | | | | |
| Factor = Antenna Factor + Cable Loss – Pre-amplifier. | | | | | | |

| EUT | NORA-B1 | Model Name | NORA-B100 |
|---|---|---|---|
| Temperature | 25° C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | Mode 2 | Antenna | Vertical |

| Frequency (MHz) | Meter Reading (dBμV) | Factor (dB) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Value Type |
|---|---|---|---|---|---|---|
| 4880.000 | 46.29 | 0.14 | 46.43 | 74 | -27.57 | peak |
| 4880.000 | 36.78 | 0.14 | 36.92 | 54 | -17.08 | AVG |
| 7320.000 | 42.16 | 2.36 | 44.52 | 74 | -29.48 | peak |
| 7320.000 | 31.05 | 2.36 | 33.41 | 54 | -20.59 | AVG |
| | | | | | | |
| | | | | | | |
| Remark: | | | | | | |
| Factor = Antenna Factor + Cable Loss – Pre-amplifier. | | | | | | |

| EUT | NORA-B1 | Model Name | NORA-B100 |
|---|---|---|---|
| Temperature | 25° C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | Mode 3 | Antenna | Horizontal |

| Frequency (MHz) | Meter Reading (dBμV) | Factor (dB) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Value Type |
|---|---|---|---|---|---|---|
| 4950.000 | 46.25 | 0.22 | 46.47 | 74 | -27.53 | peak |
| 4950.000 | 35.18 | 0.22 | 35.4 | 54 | -18.6 | AVG |
| 7425.000 | 40.25 | 2.64 | 42.89 | 74 | -31.11 | peak |
| 7425.000 | 30.64 | 2.64 | 33.28 | 54 | -20.72 | AVG |
| | | | | | | |
| | | | | | | |
| Remark: | | | | | | |
| Factor = Antenna Factor + Cable Loss – Pre-amplifier. | | | | | | |

| EUT | NORA-B1 | Model Name | NORA-B100 |
|---|---|---|---|
| Temperature | 25° C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | Mode 3 | Antenna | Vertical |

| Frequency (MHz) | Meter Reading (dBμV) | Factor (dB) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Value Type |
|---|---|---|---|---|---|---|
| 4950.000 | 46.29 | 0.22 | 46.51 | 74 | -27.49 | peak |
| 4950.000 | 36.17 | 0.22 | 36.39 | 54 | -17.61 | AVG |
| 7425.000 | 40.25 | 2.64 | 42.89 | 74 | -31.11 | peak |
| 7425.000 | 30.51 | 2.64 | 33.15 | 54 | -20.85 | AVG |
| | | | | | | |
| | | | | | | |
| Remark: | | | | | | |
| Factor = Antenna Factor + Cable Loss – Pre-amplifier. | | | | | | |

**RESULT: PASS**

**Antenna 2**

| | | | |
|---|---|---|---|
| **EUT** | NORA-B1 | **Model Name** | NORA-B100 |
| **Temperature** | 25° C | **Relative Humidity** | 55.4% |
| **Pressure** | 960hPa | **Test Voltage** | Normal Voltage |
| **Test Mode** | Mode 1 | **Antenna** | Horizontal |

| Frequency (MHz) | Meter Reading (dBμV) | Factor (dB) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Value Type |
|---|---|---|---|---|---|---|
| 4810.000 | 46.27 | 0.08 | 46.35 | 74 | -27.65 | peak |
| 4810.000 | 37.45 | 0.08 | 37.53 | 54 | -16.47 | AVG |
| 7215.000 | 42.35 | 2.21 | 44.56 | 74 | -29.44 | peak |
| 7215.000 | 31.58 | 2.21 | 33.79 | 54 | -20.21 | AVG |
| | | | | | | |
| | | | | | | |

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

| | | | |
|---|---|---|---|
| **EUT** | NORA-B1 | **Model Name** | NORA-B100 |
| **Temperature** | 25° C | **Relative Humidity** | 55.4% |
| **Pressure** | 960hPa | **Test Voltage** | Normal Voltage |
| **Test Mode** | Mode 1 | **Antenna** | Vertical |

| Frequency (MHz) | Meter Reading (dBμV) | Factor (dB) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Value Type |
|---|---|---|---|---|---|---|
| 4810.000 | 45.28 | 0.08 | 45.36 | 74 | -28.64 | peak |
| 4810.000 | 34.19 | 0.08 | 34.27 | 54 | -19.73 | AVG |
| 7215.000 | 43.15 | 2.21 | 45.36 | 74 | -28.64 | peak |
| 7215.000 | 32.46 | 2.21 | 34.67 | 54 | -19.33 | AVG |
| | | | | | | |
| | | | | | | |

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

| EUT | NORA-B1 | Model Name | NORA-B100 |
|---|---|---|---|
| Temperature | 25° C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | Mode 2 | Antenna | Horizontal |

| Frequency (MHz) | Meter Reading (dBμV) | Factor (dB) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Value Type |
|---|---|---|---|---|---|---|
| 4880.000 | 46.19 | 0.14 | 46.33 | 74 | -27.67 | peak |
| 4880.000 | 35.17 | 0.14 | 35.31 | 54 | -18.69 | AVG |
| 7320.000 | 42.16 | 2.36 | 44.52 | 74 | -29.48 | peak |
| 7320.000 | 32.48 | 2.36 | 34.84 | 54 | -19.16 | AVG |
| | | | | | | |
| | | | | | | |
| Remark: | | | | | | |
| Factor = Antenna Factor + Cable Loss – Pre-amplifier. | | | | | | |

| EUT | NORA-B1 | Model Name | NORA-B100 |
|---|---|---|---|
| Temperature | 25° C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | Mode 2 | Antenna | Vertical |

| Frequency (MHz) | Meter Reading (dBμV) | Factor (dB) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Value Type |
|---|---|---|---|---|---|---|
| 4880.000 | 46.13 | 0.14 | 46.27 | 74 | -27.73 | peak |
| 4880.000 | 35.82 | 0.14 | 35.96 | 54 | -18.04 | AVG |
| 7320.000 | 42.19 | 2.36 | 44.55 | 74 | -29.45 | peak |
| 7320.000 | 32.54 | 2.36 | 34.9 | 54 | -19.1 | AVG |
| | | | | | | |
| | | | | | | |
| Remark: | | | | | | |
| Factor = Antenna Factor + Cable Loss – Pre-amplifier. | | | | | | |

| EUT | NORA-B1 | Model Name | NORA-B100 |
|---|---|---|---|
| Temperature | 25° C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | Mode 3 | Antenna | Horizontal |

| Frequency (MHz) | Meter Reading (dBμV) | Factor (dB) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Value Type |
|---|---|---|---|---|---|---|
| 4950.000 | 45.29 | 0.22 | 45.51 | 74 | -28.49 | peak |
| 4950.000 | 36.17 | 0.22 | 36.39 | 54 | -17.61 | AVG |
| 7425.000 | 40.23 | 2.64 | 42.87 | 74 | -31.13 | peak |
| 7425.000 | 31.58 | 2.64 | 34.22 | 54 | -19.78 | AVG |
| | | | | | | |
| | | | | | | |
| Remark: | | | | | | |
| Factor = Antenna Factor + Cable Loss – Pre-amplifier. | | | | | | |

| EUT | NORA-B1 | Model Name | NORA-B100 |
|---|---|---|---|
| Temperature | 25° C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | Mode 3 | Antenna | Vertical |

| Frequency (MHz) | Meter Reading (dBμV) | Factor (dB) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Value Type |
|---|---|---|---|---|---|---|
| 4950.000 | 46.19 | 0.22 | 46.41 | 74 | -27.59 | peak |
| 4950.000 | 36.57 | 0.22 | 36.79 | 54 | -17.21 | AVG |
| 7425.000 | 42.15 | 2.64 | 44.79 | 74 | -29.21 | peak |
| 7425.000 | 31.64 | 2.64 | 34.28 | 54 | -19.72 | AVG |
| | | | | | | |
| | | | | | | |
| Remark: | | | | | | |
| Factor = Antenna Factor + Cable Loss – Pre-amplifier. | | | | | | |

**RESULT: PASS**

| EUT | NORA-B1 | Model Name | NORA-B106 |
|---|---|---|---|
| Temperature | 25° C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | Mode 1 | Antenna | Horizontal |

| Frequency (MHz) | Meter Reading (dBμV) | Factor (dB) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Value Type |
|---|---|---|---|---|---|---|
| 4810.000 | 45.16 | 0.08 | 45.24 | 74 | -28.76 | peak |
| 4810.000 | 34.89 | 0.08 | 34.97 | 54 | -19.03 | AVG |
| 7215.000 | 40.21 | 2.21 | 42.42 | 74 | -31.58 | peak |
| 7215.000 | 31.27 | 2.21 | 33.48 | 54 | -20.52 | AVG |
| | | | | | | |
| | | | | | | |
| Remark: | | | | | | |
| Factor = Antenna Factor + Cable Loss – Pre-amplifier. | | | | | | |

| EUT | NORA-B1 | Model Name | NORA-B106 |
|---|---|---|---|
| Temperature | 25° C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | Mode 1 | Antenna | Vertical |

| Frequency (MHz) | Meter Reading (dBμV) | Factor (dB) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Value Type |
|---|---|---|---|---|---|---|
| 4810.000 | 46.34 | 0.08 | 46.42 | 74 | -27.58 | peak |
| 4810.000 | 35.27 | 0.08 | 35.35 | 54 | -18.65 | AVG |
| 7215.000 | 42.19 | 2.21 | 44.4 | 74 | -29.6 | peak |
| 7215.000 | 30.55 | 2.21 | 32.76 | 54 | -21.24 | AVG |
| | | | | | | |
| | | | | | | |
| Remark: | | | | | | |
| Factor = Antenna Factor + Cable Loss – Pre-amplifier. | | | | | | |

| EUT | NORA-B1 | Model Name | NORA-B106 |
|---|---|---|---|
| Temperature | 25° C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | Mode 2 | Antenna | Horizontal |

| Frequency (MHz) | Meter Reading (dBμV) | Factor (dB) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Value Type |
|---|---|---|---|---|---|---|
| 4880.000 | 46.12 | 0.14 | 46.26 | 74 | -27.74 | peak |
| 4880.000 | 36.24 | 0.14 | 36.38 | 54 | -17.62 | AVG |
| 7320.000 | 41.28 | 2.36 | 43.64 | 74 | -30.36 | peak |
| 7320.000 | 32.06 | 2.36 | 34.42 | 54 | -19.58 | AVG |
| | | | | | | |
| | | | | | | |
| Remark: | | | | | | |
| Factor = Antenna Factor + Cable Loss – Pre-amplifier. | | | | | | |

| EUT | NORA-B1 | Model Name | NORA-B106 |
|---|---|---|---|
| Temperature | 25° C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | Mode 2 | Antenna | Vertical |

| Frequency (MHz) | Meter Reading (dBμV) | Factor (dB) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Value Type |
|---|---|---|---|---|---|---|
| 4880.000 | 46.13 | 0.14 | 46.27 | 74 | -27.73 | peak |
| 4880.000 | 35.17 | 0.14 | 35.31 | 54 | -18.69 | AVG |
| 7320.000 | 42.37 | 2.36 | 44.73 | 74 | -29.27 | peak |
| 7320.000 | 32.63 | 2.36 | 34.99 | 54 | -19.01 | AVG |
| | | | | | | |
| | | | | | | |
| Remark: | | | | | | |
| Factor = Antenna Factor + Cable Loss – Pre-amplifier. | | | | | | |

| EUT | NORA-B1 | Model Name | NORA-B106 |
|---|---|---|---|
| Temperature | 25° C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | Mode 3 | Antenna | Horizontal |

| Frequency (MHz) | Meter Reading (dBμV) | Factor (dB) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Value Type |
|---|---|---|---|---|---|---|
| 4950.000 | 46.13 | 0.22 | 46.35 | 74 | -27.65 | peak |
| 4950.000 | 35.84 | 0.22 | 36.06 | 54 | -17.94 | AVG |
| 7425.000 | 40.27 | 2.64 | 42.91 | 74 | -31.09 | peak |
| 7425.000 | 31.29 | 2.64 | 33.93 | 54 | -20.07 | AVG |
| | | | | | | |
| | | | | | | |
| Remark: | | | | | | |
| Factor = Antenna Factor + Cable Loss – Pre-amplifier. | | | | | | |

| EUT | NORA-B1 | Model Name | NORA-B106 |
|---|---|---|---|
| Temperature | 25° C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | Mode 3 | Antenna | Vertical |

| Frequency (MHz) | Meter Reading (dBμV) | Factor (dB) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Value Type |
|---|---|---|---|---|---|---|
| 4950.000 | 46.12 | 0.22 | 46.34 | 74 | -27.66 | peak |
| 4950.000 | 36.27 | 0.22 | 36.49 | 54 | -17.51 | AVG |
| 7425.000 | 41.27 | 2.64 | 43.91 | 74 | -30.09 | peak |
| 7425.000 | 32.68 | 2.64 | 35.32 | 54 | -18.68 | AVG |
| | | | | | | |
| | | | | | | |
| Remark: | | | | | | |
| Factor = Antenna Factor + Cable Loss – Pre-amplifier. | | | | | | |

**RESULT: PASS**

**Note:**

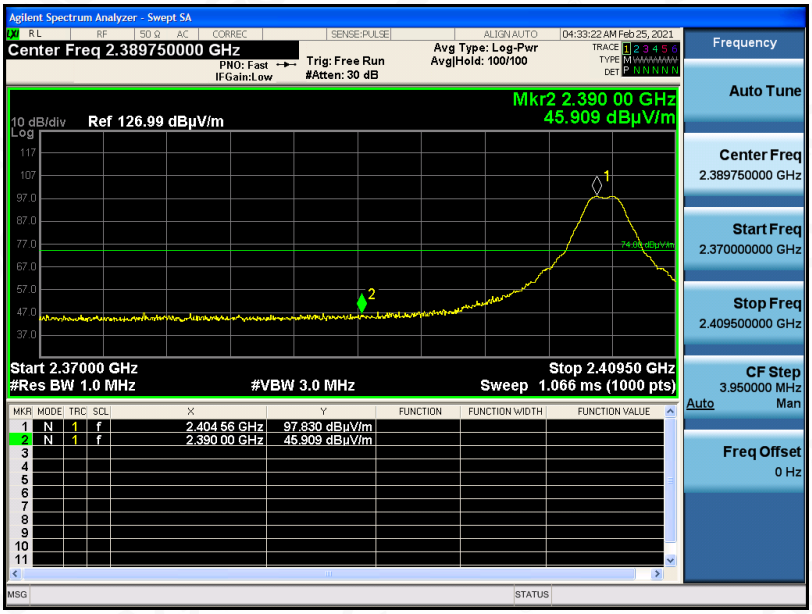
1. The amplitude of other spurious emissions from 1G to 25 GHz which are attenuated more than 20 dB below the permissible value need not be reported.
2. Factor = Antenna Factor + Cable loss - Amplifier gain, Over=Measure-Limit.
3. The “Factor” value can be calculated automatically by software of measurement system.
4. The prototypes of all antenna specifications are tested. Antenna 1 and antenna 2 are detachable antennas. The antennas of the model NORA-B100 and NORA-B101 are detachable antennas, the antenna pins are slightly different, and the others are not different. The report only reflects the data of NORA-B100 as the worst. NORA-B101 meets the requirements by default, and the data is not Record in the report. The corresponding prototype model NORA-B100 reflects radiation and radiation spurious and sidebands. The data that reflects the specifications of the two antennas is the worst data. The model NORA-B106 is an integrated antenna, and has recorded the data in the report

## TEST RESULT FOR RESTRICTED BANDS REQUIREMENTS

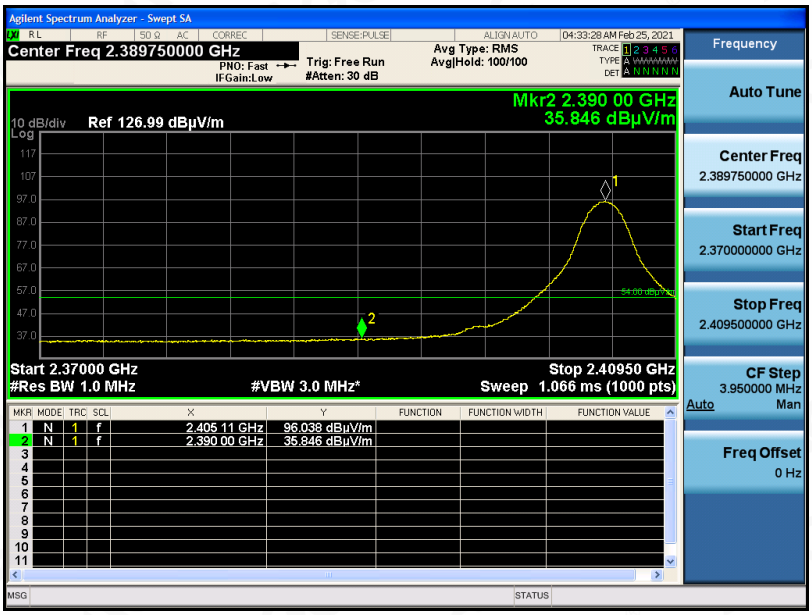
**Antenna 1**

| EUT | NORA-B1 | Model Name | NORA-B100 |
|---|---|---|---|
| Temperature | 25° C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | Mode 1 | Antenna | Horizontal |

PK



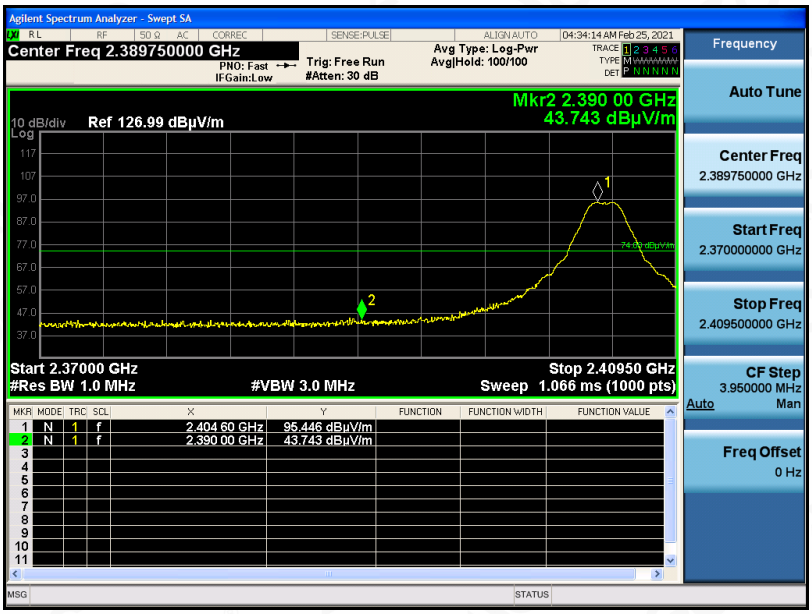

AV



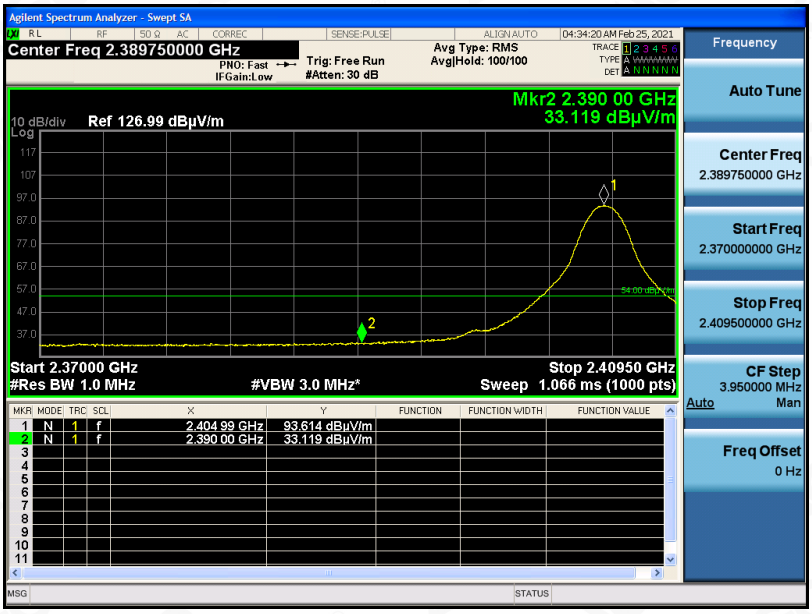

**RESULT: PASS**

| EUT | NORA-B1 | Model Name | NORA-B100 |
|---|---|---|---|
| Temperature | 25° C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | Mode 1 | Antenna | Vertical |

PK



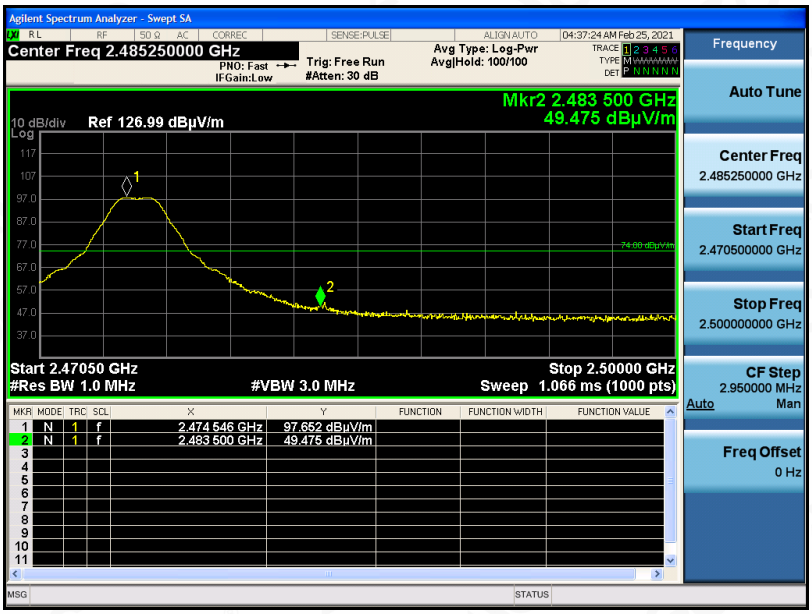

AV



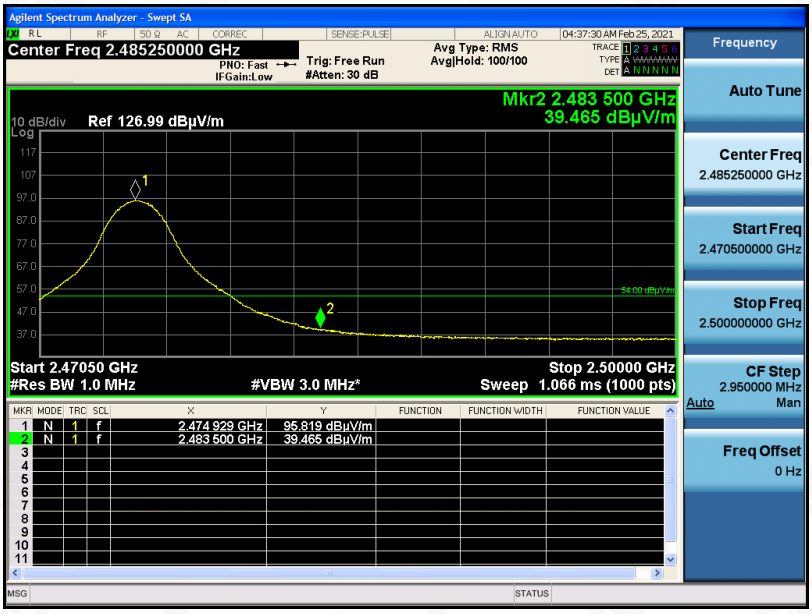

**RESULT: PASS**

| EUT | NORA-B1 | Model Name | NORA-B100 |
|---|---|---|---|
| Temperature | 25° C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | Mode 3 | Antenna | Horizontal |

PK



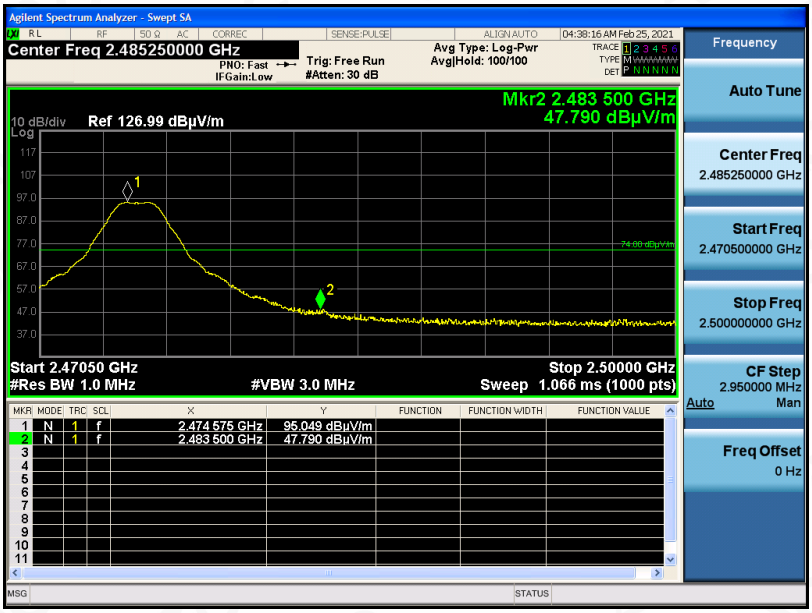

AV



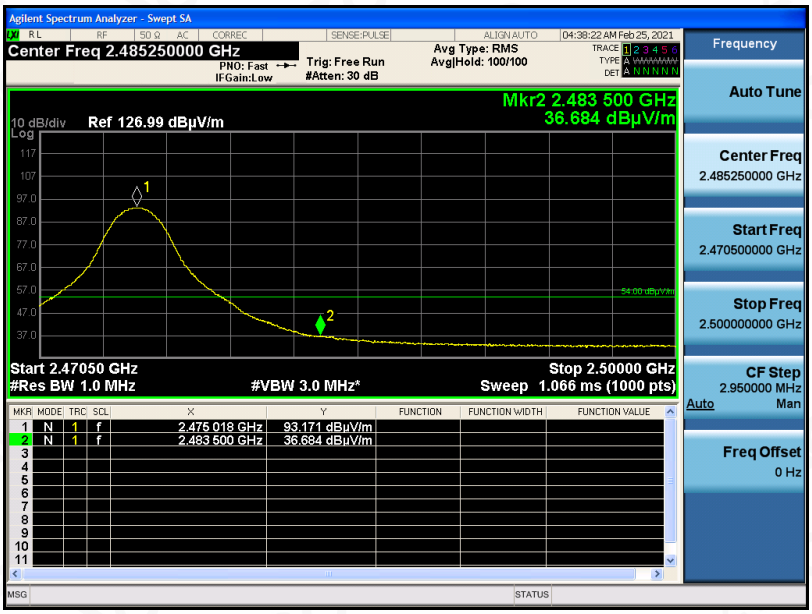

**RESULT: PASS**

| EUT | NORA-B1 | Model Name | NORA-B100 |
|---|---|---|---|
| Temperature | 25° C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | Mode 3 | Antenna | Vertical |

PK




AV

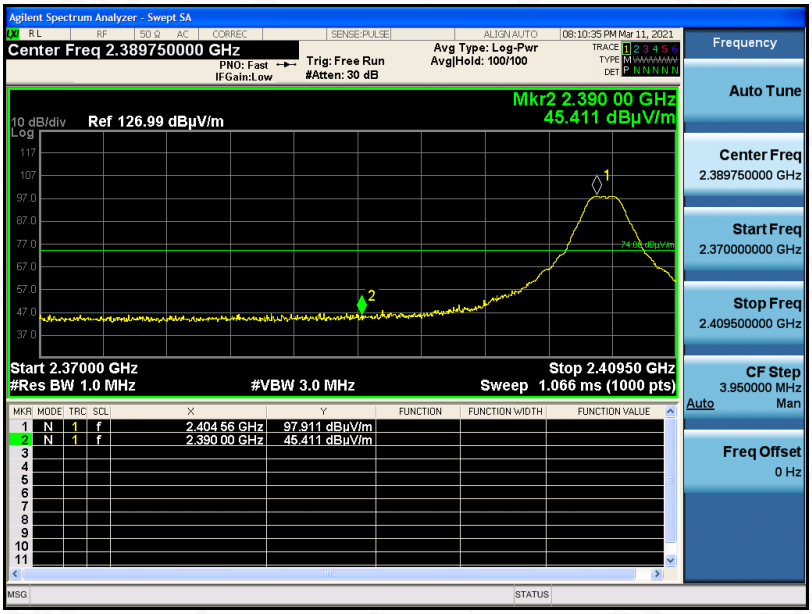



**RESULT: PASS**

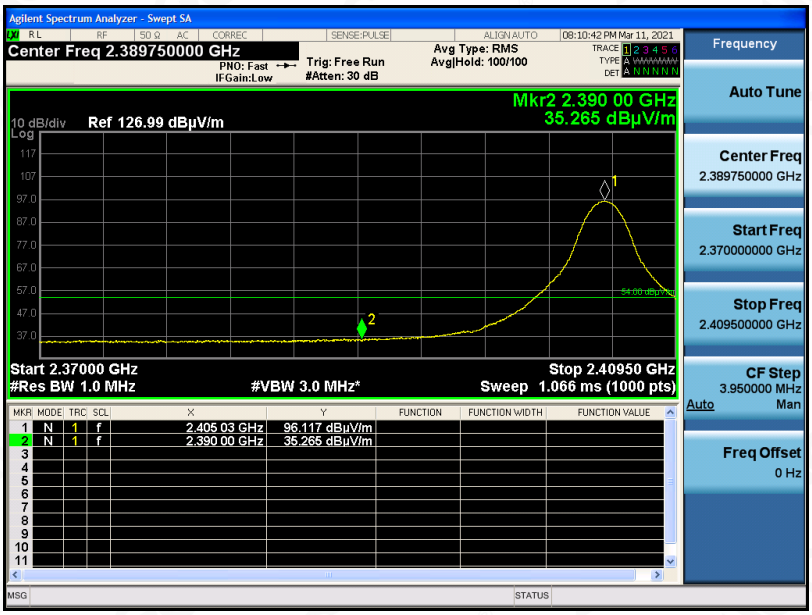
**Antenna 2**

| EUT | NORA-B1 | Model Name | NORA-B100 |
|---|---|---|---|
| Temperature | 25° C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | Mode 1 | Antenna | Horizontal |

PK




AV




**RESULT: PASS**