



# Spot Check Evaluation

APPLICANT : Xiaomi Communications Co., Ltd.  
EQUIPMENT : Mobile Phone  
BRAND NAME : POCO  
MODEL NAME : 24095PCADG  
FCC ID : 2AFZZRA8EG  
STANDARD : 47 CFR Part 2, 22(H), 24(E), 27(L), 27(M), 27(O),  
27(Q), Part96  
47 CFR Part 15 Subpart C §15.247  
47 CFR Part 15 Subpart E §15.407  
TEST DATE(S) : Aug. 15, 2024 ~ Oct. 16, 2024

We, Sporton International Inc. (Kunshan), would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (Kunshan), the test report shall not be reproduced except in full.

Jason Jia

Approved by: Jason Jia



**Sporton International Inc. (Kunshan)**

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People's Republic of China



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## REVISION HISTORY

| REPORT NO.   | VERSION | DESCRIPTION                                                                                                                                                 | ISSUED DATE   |
|--------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| FG471506-01G | Rev. 01 | Initial issue of report                                                                                                                                     | Sep. 10, 2024 |
| FG471506-01G | Rev. 02 | 1. Added Conducted power for L/M/H test channels across all frequency bands<br>2. Added Radiated spurious emissions test data for LTE Band 48 in Appendix A | Oct. 17, 2024 |
|              |         |                                                                                                                                                             |               |
|              |         |                                                                                                                                                             |               |
|              |         |                                                                                                                                                             |               |
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|              |         |                                                                                                                                                             |               |
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|              |         |                                                                                                                                                             |               |
|              |         |                                                                                                                                                             |               |
|              |         |                                                                                                                                                             |               |
|              |         |                                                                                                                                                             |               |

**Conformity Assessment Condition:**

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty"

**Disclaimer:**

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.



# 1 General Description

## 1.1 Applicant

Xiaomi Communications Co., Ltd.

#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

## 1.2 Manufacturer

Xiaomi Communications Co., Ltd.

#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

## 1.3 Product Feature of Equipment Under Test

| Product Feature |                                                                                                                                                                                                                                                                                       |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Equipment       | Mobile Phone                                                                                                                                                                                                                                                                          |
| Brand Name      | POCO                                                                                                                                                                                                                                                                                  |
| Model Name      | 24095PCADG                                                                                                                                                                                                                                                                            |
| FCC ID          | 2AFZZRA8EG                                                                                                                                                                                                                                                                            |
| IMEI Code       | Conducted:<br>862769070026585/862769070026593 for BT/WLAN<br>862769070029589/862769070029597 for WWAN<br>Radiation:<br>862769070028524 for BT/WLAN<br>862769070029282/862769070029290 for WWAN<br>Conduction: 862669070025702/862769070025710<br>DFS: 862769070026585/862769070026593 |
| HW Version      | 135300O16                                                                                                                                                                                                                                                                             |
| SW Version      | Xiaomi HyperOS 1.0                                                                                                                                                                                                                                                                    |
| EUT Stage       | Identical Prototype                                                                                                                                                                                                                                                                   |

**Remark:** The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

## 1.4 Modification of EUT

No modifications are made to the EUT during all test items.



## 1.5 Testing Site

Sporton International Inc. (Kunshan) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

|                           |                                                                                                                                                |                            |                                       |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------------|
| <b>Test Firm</b>          | Sporton International Inc. (Kunshan)                                                                                                           |                            |                                       |
| <b>Test Site Location</b> | No. 1098, Pengxi North Road, Kunshan Economic Development Zone<br>Jiangsu Province 215300 People's Republic of China<br>TEL : +86-512-57900158 |                            |                                       |
| <b>Test Site No.</b>      | <b>Sporton Site No.</b>                                                                                                                        | <b>FCC Designation No.</b> | <b>FCC Test Firm Registration No.</b> |
|                           | CO01-KS<br>TH01-KS<br>DFS01-KS<br>03CH03-KS<br>03CH04-KS                                                                                       | CN1257                     | 314309                                |

## 1.6 Test Software

| Item | Site      | Manufacturer | Name                                 | Version     |
|------|-----------|--------------|--------------------------------------|-------------|
| 1.   | TH01-KS   | Tonscend     | JS1120-3 test system<br>China_210602 | 3.3.10      |
| 2.   | DFS01-KS  | Sporton      | Test Tools                           | 1.0         |
| 3.   | CO01-KS   | AUDIX        | E3                                   | 6.2009-8-24 |
| 4.   | 03CH03-KS | AUDIX        | E3                                   | 210616      |
| 5.   | 03CH04-KS | AUDIX        | E3                                   | 210616      |

## 1.7 Applicable Standards

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

- ♦ FCC KDB 484596 D01 Referencing Test Data v02r03
- ♦ 47 CFR Part 2, 22(H), 24(E), 27(L), 27(M), 27(O), 27(Q), Part96
- ♦ 47 CFR Part 15 Subpart C §15.247
- ♦ 47 CFR Part 15 Subpart E §15.407
- ♦ ANSI C63.10-2013
- ♦ ANSI C63.26-2015



## 2 Re-use of Measured Data

### 2.1 Introduction Section

This application re-uses data collected on a similar device. The subject device of this application (Model: 24095PCADG, FCC ID: 2AFZZRA8EG) is electrically identical to the reference device (Model: 24090RA29G, FCC ID: 2AFZZRA29G) for the portions of the circuitry corresponding to the data being re-used, following the FCC KDB 484596 D01 Referencing Test Data v02r03.

ECR Data Referencing Inquiry has been approved by FCC, and the data referencing and spot check test plan includes RF/EMC, the details are presented in section 2.3 of this report, and for SAR Reference detail, please refer to FCC SAR report FA471506-01.

The criteria set in section 3 of KDB 484596 D01 v02r03 is followed to determine whether the data referencing is justified. For SAR, the higher between the referenced value and the spot check value is used to determine compliance in both standalone and simultaneous transmission conditions

The applicant takes full responsibility that the test data as referenced in this report represent compliance for this FCC ID: 2AFZZRA8EG .

### 2.2 Model Difference Information

The **main** difference between FCC ID: 2AFZZRA29G and FCC ID: 2AFZZRA8EG is as below:

- Removed LTE Band 12/13/17/26/32
- Removed TX1 B20 alternative path of B20 which used for low band + low band CA and ENDC

Other differences and all the details of similarity and difference can be found in the confidential documents (2AFZZRA8EG Operational Description of Product Equality Declaration).



## 2.3 Reference detail Section:

| Rule Part                | Equipment Class | Frequency Band (MHz)             | Reference FCC ID (Parent) | Reference on test | Reference Title                                                            | FCC ID Filling (Variant) | Test on the variant | Data Referencing (Y/N) |
|--------------------------|-----------------|----------------------------------|---------------------------|-------------------|----------------------------------------------------------------------------|--------------------------|---------------------|------------------------|
| 15C                      | DSS (BR/EDR)    | 2400~2483.5                      | 2AFZZRA29G                | Full test         | FR471506A                                                                  | 2AFZZRA8EG               | Spot check          | Y,<br>All test items   |
|                          | DTS (BLE)       | 2400~2483.5                      | 2AFZZRA29G                | Full test         | FR471506B                                                                  | 2AFZZRA8EG               | Spot check          | Y,<br>All test items   |
|                          | DTS (WLAN)      | 2400~2483.5                      | 2AFZZRA29G                | Full test         | FR471506C                                                                  | 2AFZZRA8EG               | Spot check          | Y,<br>All test items   |
| 15E                      | U-NII           | 5180~5240                        | 2AFZZRA29G                | Full test         | FR471506E                                                                  | 2AFZZRA8EG               | Spot check          | Y,<br>All test items   |
|                          |                 | 5260~5320                        | 2AFZZRA29G                | Full test         | FR471506E                                                                  | 2AFZZRA8EG               | Spot check          | Y,<br>All test items   |
|                          |                 | 5500~5720                        | 2AFZZRA29G                | Full test         | FR471506E                                                                  | 2AFZZRA8EG               | Spot check          | Y,<br>All test items   |
|                          |                 | 5745~5825                        | 2AFZZRA29G                | Full test         | FR471506E                                                                  | 2AFZZRA8EG               | Spot check          | Y,<br>All test items   |
|                          |                 | 5260~5320<br>5500~5720           | 2AFZZRA29G                | Full test         | FZ471506                                                                   | 2AFZZRA8EG               | Spot check          | Y,<br>All test items   |
| 22,<br>24,<br>27,<br>96, | PCE (GSM)       | GSM 850/1900                     | 2AFZZRA29G                | Full test         | FG471506A                                                                  | 2AFZZRA8EG               | Spot check          | Y,<br>All test items   |
|                          | PCE (WCDMA)     | Band II, IV, V                   | 2AFZZRA29G                | Full test         | FG471506A                                                                  | 2AFZZRA8EG               | Spot check          | Y,<br>All test items   |
|                          | PCE/CBE (LTE)   | B2/4/7/7C/38/38C/41/42/48/66     | 2AFZZRA29G                | Full test         | FG471506B<br>FG471506C<br>FG471506E<br>FG471506F<br>FG471506G              | 2AFZZRA8EG               | Spot check          | Y,<br>All test items   |
|                          | PCE/CBE (NR)    | n2/n5/n7/n38/n41/n48/n66/n77/n78 | 2AFZZRA29G                | Full test         | FG471506I<br>FG471506J<br>FG471506K<br>FG471506L<br>FG471506M<br>FG471506N | 2AFZZRA8EG               | Spot check          | Y,<br>All test items   |

Y: Pointer to spot-check exhibit; N: Pointer to full test exhibit

## 2.4 Spot Check Verification Data Section

All test items test against the variant model based on the worst-case condition from the original model was performed in this filing to demonstrate the test data from original model remains representative for the variant model.

All test procedures follow the related section of parent report.

Spot-check measurements, while being always compliant with the applicable rule part(s) for the test under consideration, show a deviation  $d_{dB}$  from the reference data no larger than 3 dB:

$$d_{dB} = |V_{dB} - R_{dB}| \leq 3 \text{ dB} \quad (1)$$

$V_{dB}$ , the variant spot-check level

$R_{dB}$ , the corresponding measurement level for the reference model

An alternative to the limit of eq. (1) is available, and is based on considering how far the reference data  $R_{dB}$  is from the compliance threshold  $C_{dB}$  (also expressed in dB), for the particular test under consideration. In this case, if  $M_{dB} = |C_{dB} - R_{dB}|$  is the margin in dB from the compliance limit, a spot check may be considered acceptable when the deviation  $d_{dB}$  from the reference data satisfies the following condition:

$$d_{dB} = |V_{dB} - R_{dB}| \leq (3 + M_{dB} / 20) \text{ dB}, \text{ for } 0 \leq M_{dB} \leq 60 \text{ dB} \quad (2)$$

$$d_{dB} = |V_{dB} - R_{dB}| = 6 \text{ dB}, \text{ for } M_{dB} > 60 \text{ dB}$$

where “| |” is the absolute value of the measured quantity.

When using the option in eq. (2),  $d_{dB}$  increases linearly from 3 dB to 6 dB.

Summary for spot check for each rule entry and technology is listed as below:

| Mode                              | Test Item                                                   | 2AFZZRA29G<br>Parent<br>Worst mode<br>Test Result | 2AFZZRA8EG<br>Variant<br>Check Test<br>Result | Deviation<br>(dB) | Deviation<br>Limit<br>(dB) |
|-----------------------------------|-------------------------------------------------------------|---------------------------------------------------|-----------------------------------------------|-------------------|----------------------------|
| BT 1Mbps<br>(DH5-CH00)            | Number of Channels (N)                                      | 79                                                | 79                                            | 0                 | 3                          |
|                                   | Hopping Channel Separation (MHz)                            | 1.004                                             | 1.002                                         | 0.002             | 3                          |
|                                   | Dwell Time of Each Channel(s)                               | 0.31                                              | 0.31                                          | 0                 | 3                          |
|                                   | 20dB Bandwidth(MHz)                                         | 0.86                                              | 0.86                                          | 0                 | 3                          |
|                                   | 99% Bandwidth(MHz)                                          | 0.76                                              | 0.76                                          | 0                 | 3                          |
|                                   | Conducted Band Edges(dBm)                                   | -48.06                                            | -49.2                                         | 1.14              | 3                          |
|                                   | Conducted Spurious Emission(dBm)                            | -50.22                                            | -50.55                                        | 0.33              | 3                          |
| BT (Ch78)                         | Radiated Band Edges and Radiated Spurious Emission (dBuV/m) | 51.51                                             | 51.02                                         | 0.49              | 3                          |
| BT                                | AC Conducted Emission (dBuV)                                | 34.93                                             | 33.95                                         | 0.98              | 3                          |
| BLE 1Mbps<br>(CH00)               | 6dB Bandwidth (MHz)                                         | 0.7                                               | 0.69                                          | 0.01              | 3                          |
|                                   | 99% Bandwidth (MHz)                                         | 1.04                                              | 1.04                                          | 0                 | 3                          |
|                                   | Power Spectral Density (dBm/3KHz)                           | -8.4                                              | -8.6                                          | 0.2               | 3                          |
|                                   | Conducted Band Edges and Spurious Emission (dBm)            | -51.86                                            | -52.32                                        | 0.46              | 3                          |
|                                   | Conducted Spurious Emission (dBm)                           | -50.91                                            | -51.88                                        | 0.97              | 3                          |
| BLE (CH38)                        | Radiated Band Edges and Radiated Spurious Emission (dBuV/m) | 40.2                                              | 40.22                                         | 0.02              | 3                          |
| BLE                               | AC Conducted Emission (dBuV)                                | 34.93                                             | 33.95                                         | 0.98              | 3                          |
| WIFI 2.4G<br>(802.11b CH11)       | 6dB Bandwidth (MHz)                                         | 8.04                                              | 8.02                                          | 0.02              | 3                          |
|                                   | 99% Bandwidth (MHz)                                         | 13.23                                             | 13.14                                         | 0.09              | 3                          |
|                                   | Power Spectral Density (dBm/3KHz)                           | -7.64                                             | -7.88                                         | 0.24              | 3                          |
|                                   | Conducted Band Edges and Spurious Emission (dBm)            | -34.74                                            | -35.55                                        | 0.81              | 3                          |
|                                   | Conducted Spurious Emission (dBm)                           | -41.41                                            | -42.08                                        | 0.67              | 3                          |
| WIFI 2.4G<br>(802.11ax HE20 CH01) | Radiated Band Edges and Spurious Emission (dBuV/m)          | 50.96                                             | 50.50                                         | 0.46              | 3                          |
| WLAN 2.4G                         | AC Conducted Emission (dBuV)                                | 34.93                                             | 33.95                                         | 0.98              | 3                          |
| WIFI 5G<br>(802.11a CH116)        | 26dB Emission Bandwidth (MHz)                               | 23.73                                             | 23.66                                         | 0.07              | 3                          |
|                                   | 99% Occupied Bandwidth (MHz)                                | 17.41                                             | 17.38                                         | 0.03              | 3                          |
|                                   | Power Spectral Density (dBm/MHz)                            | 6.9                                               | 6.88                                          | 0.02              | 3                          |
| WIFI 5G<br>(802.11ax HE80 CH42)   | Radiated Band Edges and Spurious Emission (dBuV/m)          | 50.86                                             | 50.89                                         | 0.03              | 3                          |
| WLAN 5G                           | AC Conducted Emission (dBuV)                                | 38.5                                              | 40.8                                          | 2.3               | 3                          |
| WLAN 5G                           | DFS (S)                                                     | 0.846028                                          | 0.848428                                      | 0.0024            | 3                          |



| Mode                           | Test Item                                | 2AFZZRA29G<br>Parent<br>Worst mode<br>Test Result | 2AFZZRA8EG<br>Variant<br>Check Test<br>Result | Deviation<br>(dB) | Deviation<br>Limit<br>(dB) |
|--------------------------------|------------------------------------------|---------------------------------------------------|-----------------------------------------------|-------------------|----------------------------|
| Part 22/24/27<br>(LTE Band 48) | Peak-to-Average Ratio (dB)               | 5.42                                              | 5.16                                          | 0.26              | 3                          |
|                                | Occupied Bandwidth (MHz)                 | 17.94                                             | 17.90                                         | 0.04              | 3                          |
|                                | Conducted Band Edge<br>(dBm/MHz)         | -14.08                                            | -14.87                                        | 0.79              | 3                          |
|                                | Conducted Spurious Emission<br>(dBm/MHz) | -42.80                                            | -44.75                                        | 1.95              | 3                          |
|                                | Frequency Stability (ppm)                | 0.0016                                            | 0.0003                                        | 0.0013            | 3                          |
| Part 96<br>(LTE Band 48)       | Radiated Spurious Emission<br>(dBm)      | -47.27                                            | -49.88                                        | 2.61              | 3                          |



## Conducted power for Unlicensed bands

| Test Item                | Mode                  | 2AFZZRA29G<br>Parent<br>Worst mode<br>Test Result | 2AFZZRA8EG<br>Variant<br>Check Test<br>Result | Deviation<br>(dB) | Deviation<br>Limit<br>(dB) |
|--------------------------|-----------------------|---------------------------------------------------|-----------------------------------------------|-------------------|----------------------------|
| Conducted Power<br>(dBm) | BT BR/EDR -CH 00-DH5  | 10.09                                             | 8.65                                          | 1.44              | 3                          |
|                          | BT BR/EDR -CH 39-DH5  | 8.29                                              | 7.04                                          | 1.25              | 3                          |
|                          | BT BR/EDR -CH 78-DH5  | 11.29                                             | 9.64                                          | 1.65              | 3                          |
|                          | BT BR/EDR -CH 00-2DH1 | 9.09                                              | 7.72                                          | 1.37              | 3                          |
|                          | BT BR/EDR -CH 39-2DH1 | 7.19                                              | 6.20                                          | 0.99              | 3                          |
|                          | BT BR/EDR -CH 78-2DH1 | 10.36                                             | 8.96                                          | 1.40              | 3                          |
|                          | BT BR/EDR -CH 00-3DH1 | 8.89                                              | 7.56                                          | 1.33              | 3                          |
|                          | BT BR/EDR -CH 39-3DH1 | 6.95                                              | 6.04                                          | 0.91              | 3                          |
|                          | BT BR/EDR -CH 78-3DH1 | 10.19                                             | 8.80                                          | 1.39              | 3                          |
|                          | BLE 1Mbps -CH00       | 6.49                                              | 7.02                                          | 0.31              | 3                          |
|                          | BLE 1Mbps -CH19       | 7.33                                              | 5.88                                          | 0.43              | 3                          |
|                          | BLE 1Mbps -CH39       | 6.31                                              | 6.12                                          | 0.43              | 3                          |
|                          | BLE 2Mbps -CH00       | 6.55                                              | 6.12                                          | 0.43              | 3                          |
|                          | BLE 2Mbps -CH19       | 7.37                                              | 7.05                                          | 0.32              | 3                          |
|                          | BLE 2Mbps -CH39       | 6.49                                              | 6.08                                          | 0.41              | 3                          |
|                          | 11b-CH 01             | 17.18                                             | 16.87                                         | 0.31              | 3                          |
|                          | 11b-CH 06             | 20.52                                             | 20.28                                         | 0.24              | 3                          |
|                          | 11b-CH 11             | 16.96                                             | 16.64                                         | 0.32              | 3                          |
|                          | 11g-CH 01             | 24.5                                              | 24.46                                         | 0.04              | 3                          |
|                          | 11g-CH 06             | 24.88                                             | 24.42                                         | 0.46              | 3                          |
|                          | 11g-CH 11             | 24.4                                              | 23.98                                         | 0.42              | 3                          |
|                          | 11n HT20-CH 01        | 25.15                                             | 24.86                                         | 0.29              | 3                          |
|                          | 11n HT20-CH 06        | 25                                                | 24.65                                         | 0.35              | 3                          |
|                          | 11n HT20-CH 11        | 24.88                                             | 24.53                                         | 0.35              | 3                          |
|                          | 11ax HE20-CH 01       | 24.4                                              | 24.08                                         | 0.32              | 3                          |
|                          | 11ax HE20-CH 06       | 24.66                                             | 24.35                                         | 0.31              | 3                          |
|                          | 11ax HE20-CH 11       | 24.31                                             | 24.02                                         | 0.29              | 3                          |
|                          | 11a-CH 36             | 16.98                                             | 16.51                                         | 0.47              | 3                          |
|                          | 11a-CH 44             | 16.91                                             | 16.58                                         | 0.33              | 3                          |
|                          | 11a-CH 48             | 16.89                                             | 16.49                                         | 0.40              | 3                          |
|                          | 11a-CH 52             | 16.88                                             | 16.65                                         | 0.23              | 3                          |
|                          | 11a-CH 60             | 16.96                                             | 16.54                                         | 0.42              | 3                          |
|                          | 11a-CH 64             | 16.82                                             | 16.59                                         | 0.23              | 3                          |
|                          | 11a-CH 100            | 16.85                                             | 16.45                                         | 0.40              | 3                          |
|                          | 11a-CH 116            | 17.06                                             | 16.91                                         | 0.15              | 3                          |
|                          | 11a-CH 140            | 12.49                                             | 12.45                                         | 0.04              | 3                          |
|                          | 11a-CH 149            | 17.17                                             | 16.91                                         | 0.26              | 3                          |
|                          | 11a-CH 157            | 17.29                                             | 16.97                                         | 0.32              | 3                          |
|                          | 11a-CH 165            | 17.21                                             | 16.92                                         | 0.29              | 3                          |
|                          | 11n HT20-CH 36        | 16.02                                             | 15.65                                         | 0.37              | 3                          |
|                          | 11n HT20-CH 44        | 16.00                                             | 15.53                                         | 0.47              | 3                          |
|                          | 11n HT20-CH 48        | 15.79                                             | 15.32                                         | 0.47              | 3                          |
|                          | 11n HT20-CH 52        | 15.72                                             | 15.42                                         | 0.30              | 3                          |
|                          | 11n HT20-CH 60        | 15.87                                             | 15.45                                         | 0.42              | 3                          |
|                          | 11n HT20-CH 64        | 15.84                                             | 15.51                                         | 0.33              | 3                          |
|                          | 11n HT20-CH 100       | 15.89                                             | 15.40                                         | 0.49              | 3                          |
|                          | 11n HT20-CH 116       | 16.13                                             | 16.04                                         | 0.09              | 3                          |
|                          | 11n HT20-CH 140       | 11.50                                             | 11.48                                         | 0.02              | 3                          |
|                          | 11n HT20-CH 149       | 16.06                                             | 16.00                                         | 0.06              | 3                          |
|                          | 11n HT20-CH 157       | 16.26                                             | 15.96                                         | 0.30              | 3                          |



|  |                   |       |       |      |   |
|--|-------------------|-------|-------|------|---|
|  | 11n HT20-CH 165   | 16.20 | 16.02 | 0.18 | 3 |
|  | 11ac VHT20-CH 36  | 16.08 | 15.68 | 0.40 | 3 |
|  | 11ac VHT20-CH 44  | 16.06 | 15.58 | 0.48 | 3 |
|  | 11ac VHT20-CH 48  | 15.85 | 15.45 | 0.40 | 3 |
|  | 11ac VHT20-CH 52  | 15.79 | 15.45 | 0.34 | 3 |
|  | 11ac VHT20-CH 60  | 15.90 | 15.47 | 0.43 | 3 |
|  | 11ac VHT20-CH 64  | 15.87 | 15.54 | 0.33 | 3 |
|  | 11ac VHT20-CH 100 | 15.94 | 15.46 | 0.48 | 3 |
|  | 11ac VHT20-CH 116 | 16.17 | 16.06 | 0.11 | 3 |
|  | 11ac VHT20-CH 140 | 11.58 | 11.52 | 0.06 | 3 |
|  | 11ac VHT20-CH 149 | 16.12 | 16.01 | 0.11 | 3 |
|  | 11ac VHT20-CH 157 | 16.33 | 15.98 | 0.35 | 3 |
|  | 11ac VHT20-CH 165 | 16.24 | 16.04 | 0.20 | 3 |
|  | 11ax HE20-CH 36   | 16.18 | 15.76 | 0.42 | 3 |
|  | 11ax HE20-CH 44   | 16.14 | 15.67 | 0.47 | 3 |
|  | 11ax HE20-CH 48   | 15.94 | 15.53 | 0.41 | 3 |
|  | 11ax HE20-CH 52   | 15.86 | 15.53 | 0.33 | 3 |
|  | 11ax HE20-CH 60   | 16.00 | 15.57 | 0.43 | 3 |
|  | 11ax HE20-CH 64   | 15.97 | 15.62 | 0.35 | 3 |
|  | 11ax HE20-CH 100  | 16.06 | 15.59 | 0.47 | 3 |
|  | 11ax HE20-CH 116  | 16.24 | 16.13 | 0.11 | 3 |
|  | 11ax HE20-CH 140  | 11.64 | 11.60 | 0.04 | 3 |
|  | 11ax HE20-CH 149  | 16.24 | 16.10 | 0.14 | 3 |
|  | 11ax HE20-CH 157  | 16.41 | 16.06 | 0.35 | 3 |
|  | 11ax HE20-CH 165  | 16.35 | 16.13 | 0.22 | 3 |
|  | 11n HT40-CH 38    | 14.11 | 13.65 | 0.46 | 3 |
|  | 11n HT40-CH 46    | 15.06 | 14.57 | 0.49 | 3 |
|  | 11n HT40-CH 54    | 15.01 | 14.60 | 0.41 | 3 |
|  | 11n HT40-CH 62    | 14.52 | 14.20 | 0.32 | 3 |
|  | 11n HT40-CH 102   | 13.80 | 13.62 | 0.18 | 3 |
|  | 11n HT40-CH 110   | 14.77 | 14.62 | 0.15 | 3 |
|  | 11n HT40-CH 134   | 15.23 | 15.06 | 0.17 | 3 |
|  | 11n HT40-CH 151   | 15.32 | 15.13 | 0.19 | 3 |
|  | 11n HT40-CH 159   | 15.36 | 15.09 | 0.27 | 3 |
|  | 11ac VHT40-CH 38  | 14.34 | 14.16 | 0.18 | 3 |
|  | 11ac VHT40-CH 46  | 15.80 | 15.32 | 0.48 | 3 |
|  | 11ac VHT40-CH 54  | 15.88 | 15.40 | 0.48 | 3 |
|  | 11ac VHT40-CH 62  | 14.44 | 14.07 | 0.37 | 3 |
|  | 11ac VHT40-CH 102 | 13.72 | 13.44 | 0.28 | 3 |
|  | 11ac VHT40-CH 110 | 15.76 | 15.39 | 0.37 | 3 |
|  | 11ac VHT40-CH 134 | 15.51 | 15.40 | 0.11 | 3 |
|  | 11ac VHT40-CH 151 | 16.10 | 15.94 | 0.16 | 3 |
|  | 11ac VHT40-CH 159 | 16.24 | 15.86 | 0.38 | 3 |
|  | 11ax40-CH 38      | 14.24 | 13.76 | 0.48 | 3 |
|  | 11ax40-CH 46      | 15.17 | 14.69 | 0.48 | 3 |
|  | 11ax40-CH 54      | 15.12 | 14.70 | 0.42 | 3 |
|  | 11ax40-CH 62      | 14.65 | 14.29 | 0.36 | 3 |
|  | 11ax40-CH 102     | 13.94 | 13.70 | 0.24 | 3 |
|  | 11ax40-CH 110     | 14.88 | 14.73 | 0.15 | 3 |
|  | 11ax40-CH 134     | 15.35 | 15.16 | 0.19 | 3 |
|  | 11ax40-CH 151     | 15.41 | 15.21 | 0.20 | 3 |
|  | 11ax40-CH 159     | 15.47 | 15.19 | 0.28 | 3 |
|  | 11ac VHT80-CH 042 | 13.40 | 12.98 | 0.42 | 3 |
|  | 11ac VHT80-CH 058 | 12.70 | 12.53 | 0.17 | 3 |
|  | 11ac VHT80-CH 106 | 13.30 | 13.08 | 0.22 | 3 |



|  |                   |       |       |      |   |
|--|-------------------|-------|-------|------|---|
|  | 11ac VHT80-CH 122 | 14.15 | 13.86 | 0.29 | 3 |
|  | 11ac VHT80-CH 138 | 14.01 | 13.93 | 0.08 | 3 |
|  | 11ac VHT80-CH 155 | 14.21 | 13.88 | 0.33 | 3 |
|  | 11ax HE80-CH 042  | 13.57 | 13.09 | 0.48 | 3 |
|  | 11ax HE80-CH 058  | 12.84 | 12.63 | 0.21 | 3 |
|  | 11ax HE80-CH 106  | 13.43 | 13.16 | 0.27 | 3 |
|  | 11ax HE80-CH 122  | 14.24 | 13.97 | 0.27 | 3 |
|  | 11ax HE80-CH 138  | 14.13 | 14.02 | 0.11 | 3 |
|  | 11ax HE80-CH 155  | 14.33 | 13.98 | 0.35 | 3 |

## Conducted power/ERP/EIRP for Licensed bands

| Test Item                       | Mode      | Bandwidth | Channel     | Frequency     | Modulation | 2AFZZRA29G<br>Parent<br>Worst mode Test<br>Result |                 | 2AFZZRA8EG<br>Variant<br>Check Test Result |                 | Deviation<br>(dB) | Deviation<br>Limit<br>(dB) |
|---------------------------------|-----------|-----------|-------------|---------------|------------|---------------------------------------------------|-----------------|--------------------------------------------|-----------------|-------------------|----------------------------|
|                                 |           |           |             |               |            | Coducted<br>(dBm)                                 | ERP/EIRP<br>(W) | Coducted<br>(dBm)                          | ERP/EIRP<br>(W) |                   |                            |
| Conducted<br>Power<br>/ERP/EIRP | GSM 850   | /         | 128         | 824.2         | GMSK       | 32.4                                              | 1.7378          | 32.15                                      | 1.6406          | 0.25              | 3                          |
|                                 | GSM 850   | /         | 189         | 836.4         | GMSK       | 32.46                                             | 1.7620          | 32.26                                      | 1.6827          | 0.2               | 3                          |
|                                 | GSM 850   | /         | 251         | 848.8         | GMSK       | 32.45                                             | 1.7579          | 32.28                                      | 1.6904          | 0.17              | 3                          |
|                                 | GSM 1900  | /         | 512         | 1850.2        | GMSK       | 29.31                                             | 0.8531          | 29.12                                      | 0.8166          | 0.19              | 3                          |
|                                 | GSM 1900  | /         | 661         | 1880          | GMSK       | 29.45                                             | 0.8810          | 29.22                                      | 0.8356          | 0.23              | 3                          |
|                                 | GSM 1900  | /         | 810         | 1909.8        | GMSK       | 29.43                                             | 0.8770          | 29.18                                      | 0.8279          | 0.25              | 3                          |
|                                 | WCDMA 850 | /         | 4132        | 826.4         | BPSK       | 24.48                                             | 0.2805          | 24.36                                      | 0.2729          | 0.12              | 3                          |
|                                 | WCDMA 850 | /         | 4182        | 836.4         | BPSK       | 24.5                                              | 0.2818          | 24.38                                      | 0.2742          | 0.12              | 3                          |
|                                 | WCDMA 850 | /         | 4233        | 846.6         | BPSK       | 24.44                                             | 0.2780          | 24.29                                      | 0.2685          | 0.15              | 3                          |
|                                 | WCDMA1900 | /         | 9262        | 1852.4        | BPSK       | 22.91                                             | 0.1954          | 22.85                                      | 0.1928          | 0.06              | 3                          |
|                                 | WCDMA1900 | /         | 9400        | 1880          | BPSK       | 22.98                                             | 0.1986          | 22.90                                      | 0.1950          | 0.08              | 3                          |
|                                 | WCDMA1900 | /         | 9538        | 1907.6        | BPSK       | 22.93                                             | 0.1963          | 22.82                                      | 0.1914          | 0.11              | 3                          |
|                                 | WCDMA1700 | /         | 1312        | 1712.4        | BPSK       | 23.91                                             | 0.2460          | 23.69                                      | 0.2339          | 0.22              | 3                          |
|                                 | WCDMA1700 | /         | 1413        | 1732.6        | BPSK       | 23.96                                             | 0.2489          | 23.75                                      | 0.2371          | 0.21              | 3                          |
|                                 | WCDMA1700 | /         | 1513        | 1752.6        | BPSK       | 23.92                                             | 0.2466          | 23.63                                      | 0.2307          | 0.29              | 3                          |
|                                 | B2        | 20M       | 18700       | 1860          | QPSK       | 23.01                                             | 0.2000          | 22.61                                      | 0.1824          | 0.4               | 3                          |
|                                 | B2        | 20M       | 18900       | 1880          | QPSK       | 23.05                                             | 0.2018          | 22.67                                      | 0.1849          | 0.38              | 3                          |
|                                 | B2        | 20M       | 19100       | 1900          | QPSK       | 22.98                                             | 0.1986          | 22.65                                      | 0.1841          | 0.33              | 3                          |
|                                 | B4        | 20M       | 20050       | 1720          | QPSK       | 23.81                                             | 0.2404          | 23.75                                      | 0.2371          | 0.06              | 3                          |
|                                 | B4        | 20M       | 20175       | 1732.5        | QPSK       | 23.86                                             | 0.2432          | 23.80                                      | 0.2399          | 0.06              | 3                          |
|                                 | B4        | 20M       | 20300       | 1745          | QPSK       | 23.83                                             | 0.2415          | 23.72                                      | 0.2355          | 0.11              | 3                          |
|                                 | B66       | 20M       | 132072      | 1720          | QPSK       | 23.83                                             | 0.2415          | 23.68                                      | 0.2333          | 0.15              | 3                          |
|                                 | B66       | 20M       | 132322      | 1745          | QPSK       | 23.94                                             | 0.2477          | 23.73                                      | 0.2360          | 0.21              | 3                          |
|                                 | B66       | 20M       | 132572      | 1770          | QPSK       | 23.93                                             | 0.2472          | 23.65                                      | 0.2317          | 0.28              | 3                          |
|                                 | B7        | 20M       | 20850       | 2510          | QPSK       | 23.68                                             | 0.2333          | 23.64                                      | 0.2312          | 0.04              | 3                          |
|                                 | B7        | 20M       | 21100       | 2535          | QPSK       | 23.75                                             | 0.2371          | 23.68                                      | 0.2333          | 0.07              | 3                          |
|                                 | B7        | 20M       | 21350       | 2560          | QPSK       | 23.66                                             | 0.2323          | 23.61                                      | 0.2296          | 0.05              | 3                          |
|                                 | B7C       | 20M+20M   | 20850_21048 | 2510_2529.8   | QPSK       | 23.24                                             | 0.2109          | 23.22                                      | 0.2099          | 0.02              | 3                          |
|                                 | B7C       | 20M+20M   | 21001_21199 | 2525.1_2544.9 | QPSK       | 23.29                                             | 0.2133          | 23.24                                      | 0.2109          | 0.05              | 3                          |
|                                 | B7C       | 20M+20M   | 21152_21350 | 2540.2_2560   | QPSK       | 23.28                                             | 0.2128          | 23.13                                      | 0.2056          | 0.15              | 3                          |
|                                 | B38       | 20M       | 37850       | 2580          | QPSK       | 23.43                                             | 0.2203          | 23.40                                      | 0.2188          | 0.03              | 3                          |
|                                 | B38       | 20M       | 38000       | 2595          | QPSK       | 23.52                                             | 0.2249          | 23.43                                      | 0.2203          | 0.09              | 3                          |



|  |              |         |             |               |           |       |        |       |        |      |   |
|--|--------------|---------|-------------|---------------|-----------|-------|--------|-------|--------|------|---|
|  | B38          | 20M     | 38150       | 2610          | QPSK      | 23.48 | 0.2228 | 23.38 | 0.2178 | 0.1  | 3 |
|  | B41          | 20M     | 39750       | 2506          | QPSK      | 23.44 | 0.2208 | 23.40 | 0.2188 | 0.04 | 3 |
|  | B41          | 20M     | 40620       | 2593          | QPSK      | 23.6  | 0.2291 | 23.49 | 0.2234 | 0.11 | 3 |
|  | B41          | 20M     | 41490       | 2680          | QPSK      | 23.54 | 0.2259 | 23.39 | 0.2183 | 0.15 | 3 |
|  | B38C-20M+20M | 20M+20M | 37850_38048 | 2580_2599.8   | QPSK      | 23.38 | 0.2178 | 23.31 | 0.2143 | 0.07 | 3 |
|  | B38C-20M+20M | 20M+20M | 37901_38099 | 2585.1_2604.9 | QPSK      | 23.39 | 0.2183 | 23.35 | 0.2163 | 0.04 | 3 |
|  | B38C-20M+20M | 20M+20M | 37952_38150 | 2590.2_2610   | QPSK      | 23.36 | 0.2168 | 23.27 | 0.2123 | 0.09 | 3 |
|  | B42          | 20M     | 42190       | 3460          | QPSK      | 24.56 | 0.2858 | 24.34 | 0.2716 | 0.22 | 3 |
|  | B42          | 20M     | 42590       | 3500          | QPSK      | 24.59 | 0.2877 | 24.45 | 0.2786 | 0.14 | 3 |
|  | B42          | 20M     | 42990       | 3540          | QPSK      | 24.54 | 0.2844 | 24.47 | 0.2799 | 0.07 | 3 |
|  | B48          | 20M     | 55340       | 3560          | QPSK      | 24.41 | 0.2761 | 24.33 | 0.2710 | 0.08 | 3 |
|  | B48          | 20M     | 55830       | 3609          | QPSK      | 24.48 | 0.2805 | 24.36 | 0.2729 | 0.12 | 3 |
|  | B48          | 20M     | 56640       | 3690          | QPSK      | 24.38 | 0.2742 | 24.29 | 0.2685 | 0.09 | 3 |
|  | N2-L         | 20M     | 372000      | 1860          | PI/2 BPSK | 22.83 | 0.1919 | 22.78 | 0.1897 | 0.05 | 3 |
|  | N2-M         | 20M     | 376000      | 1880          | PI/2 BPSK | 22.78 | 0.1897 | 22.72 | 0.1871 | 0.06 | 3 |
|  | N2-H         | 20M     | 380000      | 1900          | PI/2 BPSK | 22.64 | 0.1837 | 22.61 | 0.1824 | 0.03 | 3 |
|  | N5-L         | 20M     | 166800      | 834           | PI/2 BPSK | 24.37 | 0.2735 | 24.33 | 0.2710 | 0.04 | 3 |
|  | N5-M         | 20M     | 167300      | 836.5         | PI/2 BPSK | 24.46 | 0.2793 | 24.41 | 0.2761 | 0.05 | 3 |
|  | N5-H         | 20M     | 167800      | 839           | PI/2 BPSK | 24.4  | 0.2754 | 24.28 | 0.2679 | 0.12 | 3 |
|  | N7-L         | 50M     | 505000      | 2525          | PI/2 BPSK | 22.85 | 0.1928 | 22.81 | 0.1910 | 0.04 | 3 |
|  | N7-M         | 50M     | 507000      | 2535          | PI/2 BPSK | 23.01 | 0.2000 | 22.98 | 0.1986 | 0.03 | 3 |
|  | N7-H         | 50M     | 509000      | 2545          | PI/2 BPSK | 23.3  | 0.2138 | 23.13 | 0.2056 | 0.17 | 3 |
|  | N38-L        | 40M     | 518000      | 2590          | QPSK      | 23.16 | 0.2070 | 23.11 | 0.2046 | 0.05 | 3 |
|  | N38-M        | 40M     | 519000      | 2595          | QPSK      | 23.16 | 0.2070 | 23.09 | 0.2037 | 0.07 | 3 |
|  | N38-H        | 40M     | 520000      | 2600          | QPSK      | 23.18 | 0.2080 | 23.15 | 0.2065 | 0.03 | 3 |
|  | N41-L        | 100M    | 509202      | 2546.01       | QPSK      | 23.16 | 0.2070 | 23.11 | 0.2046 | 0.05 | 3 |
|  | N41-M        | 100M    | 518598      | 2592.99       | QPSK      | 23.23 | 0.2104 | 23.18 | 0.2080 | 0.05 | 3 |
|  | N41-H        | 100M    | 528000      | 2640          | QPSK      | 23.03 | 0.2009 | 22.98 | 0.1986 | 0.05 | 3 |
|  | N66-L        | 40M     | 346000      | 1730          | PI/2 BPSK | 24.2  | 0.2630 | 24.16 | 0.2606 | 0.04 | 3 |
|  | N66-M        | 40M     | 349000      | 1745          | PI/2 BPSK | 24    | 0.2512 | 23.96 | 0.2489 | 0.04 | 3 |
|  | N66-H        | 40M     | 352000      | 1760          | PI/2 BPSK | 24.09 | 0.2564 | 24.03 | 0.2529 | 0.06 | 3 |
|  | N48-L        | 40M     | 638000      | 3570          | PI/2 BPSK | 24.23 | 0.2649 | 24.14 | 0.2594 | 0.09 | 3 |
|  | N48-M        | 40M     | 641666      | 3624.99       | PI/2 BPSK | 24.58 | 0.2871 | 24.48 | 0.2805 | 0.1  | 3 |
|  | N48-H        | 40M     | 645332      | 3679.98       | PI/2 BPSK | 24.15 | 0.2600 | 24.10 | 0.2570 | 0.05 | 3 |
|  | N77 27O-L    | 100M    | 650000      | 3750          | PI/2 BPSK | 26.17 | 0.4140 | 26.14 | 0.4111 | 0.03 | 3 |
|  | N77 27O-M    | 100M    | 656000      | 3840          | PI/2 BPSK | 26.19 | 0.4159 | 26.13 | 0.4102 | 0.06 | 3 |
|  | N77 27O-H    | 100M    | 662000      | 3930          | PI/2 BPSK | 26.4  | 0.4365 | 26.31 | 0.4276 | 0.09 | 3 |
|  | N78 27O      | 100M    | 650000      | 3750          | QPSK      | 26.31 | 0.4276 | 26.27 | 0.4236 | 0.04 | 3 |
|  | N77 27Q      | 100M    | 633334      | 3500.01       | PI/2 BPSK | 26.3  | 0.4266 | 26.25 | 0.4217 | 0.05 | 3 |
|  | N78 27Q      | 100M    | 633334      | 3500.01       | PI/2 BPSK | 26.28 | 0.4246 | 26.11 | 0.4083 | 0.17 | 3 |

**Conclusion:**

All test items test against the variant model based on the worst-case condition from the original model was performed in this filing to demonstrate the test data from original model remains representative for the variant model.

Based on the spot check test result, the test data from the original model is representative for the variant model. All spot check test data are shown within expected level compliant to limit line.

We are using power and ERP/EIRP measurements from the original parent model reports to list on the grant.

The same detection mechanism/software/antenna gain is used in the variant of DFS. Hence, all test cases refer to parent report.

We confirm that the test data referencing policy of FCC KDB 484596 D01 Referencing Test Data v02r03 has been followed and the test data as referenced from the parent model report represents compliance with new FCC ID.



### 3 List of Measuring Equipment

For BT/WIFI:

| Instrument                        | Manufacturer    | Model No.               | Serial No.             | Characteristics         | Calibration Date | Test Date                       | Due Date      | Remark                |
|-----------------------------------|-----------------|-------------------------|------------------------|-------------------------|------------------|---------------------------------|---------------|-----------------------|
| Spectrum Analyzer                 | R&S             | FSV40                   | 101040                 | 10Hz~40GHz              | Oct. 11, 2023    | Aug. 28, 2024~<br>Oct. 16, 2024 | Oct. 10, 2024 | Conducted (TH01-KS)   |
| Spectrum Analyzer                 | R&S             | FSV40                   | 101040                 | 10Hz~40GHz              | Oct. 10, 2024    |                                 | Oct. 09, 2025 | Conducted (TH01-KS)   |
| Pulse Power Sensor                | Anritsu         | MA2411B                 | 0917070                | 300MHz~40GHz            | Jan. 02, 2024    | Aug. 28, 2024~<br>Oct. 16, 2024 | Jan. 01, 2025 | Conducted (TH01-KS)   |
| Power Meter                       | Anritsu         | ML2495A                 | 1005002                | 50MHz Bandwidth         | Jan. 02, 2024    | Aug. 28, 2024~<br>Oct. 16, 2024 | Jan. 01, 2025 | Conducted (TH01-KS)   |
| EMI Receiver                      | R&S             | ESCI7                   | 100768                 | 9kHz~7GHz;              | Apr. 18, 2024    | Aug. 28, 2024                   | Apr. 17, 2025 | Conduction (CO01-KS)  |
| AC LISN (for auxiliary equipment) | MessTec         | AN3016                  | 060103                 | 9kHz~30MHz              | Oct. 11, 2023    | Aug. 28, 2024                   | Oct. 10, 2024 | Conduction (CO01-KS)  |
| AC LISN                           | MessTec         | AN3016                  | 060105                 | 9kHz~30MHz              | Apr. 18, 2024    | Aug. 28, 2024                   | Apr. 17, 2025 | Conduction (CO01-KS)  |
| AC Power Source                   | Chroma          | 61602                   | ABP000000811           | AC 0V~300V, 45Hz~1000Hz | Oct. 11, 2023    | Aug. 28, 2024                   | Oct. 10, 2024 | Conduction (CO01-KS)  |
| Signal Analyzer                   | R&S             | FSV7                    | 101472                 | 10Hz~7GHz               | Jan. 02, 2024    | Aug. 30, 2024                   | Jan. 01, 2025 | Conducted (DFS01-KS)  |
| MXG-B RF Vector Signal Generator  | Keysight        | 5182B /5182BX07         | MY56200417 /MY59360210 | 9kHz~7.2GHz             | Apr 17, 2024     | Aug. 30, 2024                   | Apr 16, 2025  | Conducted (DFS01-KS)  |
| Combiner                          | MTJ Cooperation | MTJ7112                 | N/A                    | 0.4-6GHz                | NCR              | Aug. 30, 2024                   | NCR           | Conducted (DFS01-KS)  |
| EMI Test Receiver                 | Keysight        | N9038A                  | MY56400004             | 3Hz~8.5GHz; Max 30dBm   | Oct. 11, 2023    | Aug. 15, 2024                   | Oct. 10, 2024 | Radiation (03CH03-KS) |
| EXA Spectrum Analyzer             | Keysight        | N9010A                  | MY55370528             | 10Hz~44GHz              | Oct. 11, 2023    | Aug. 15, 2024                   | Oct. 10, 2024 | Radiation (03CH03-KS) |
| Loop Antenna                      | R&S             | HFH2-Z2E                | 101125                 | 9kHz~30MHz              | Sep. 11, 2023    | Aug. 15, 2024                   | Sep. 10, 2024 | Radiation (03CH03-KS) |
| Bilog Antenna                     | TeseQ           | CBL6112D                | 23182                  | 30MHz~1GHz              | Dec. 06, 2023    | Aug. 15, 2024                   | Dec. 05, 2024 | Radiation (03CH03-KS) |
| Double Ridge Horn Antenna         | ETS-Lindgren    | 3117                    | 75957                  | 1GHz~18GHz              | Oct. 23, 2023    | Aug. 15, 2024                   | Oct. 22, 2024 | Radiation (03CH03-KS) |
| SHF-EHF Horn                      | com-power       | AH-840                  | 101115                 | 18GHz~40GHz             | Oct. 15, 2023    | Aug. 15, 2024                   | Oct. 14, 2024 | Radiation (03CH03-KS) |
| Amplifier                         | SONOMA          | 310N                    | 413740                 | 30MHz ~1000MHz          | Jan. 03, 2024    | Aug. 15, 2024                   | Jan. 02, 2025 | Radiation (03CH03-KS) |
| Amplifier                         | EM              | EM18G40GA               | 060851                 | 18~40GHz                | Jan. 03, 2024    | Aug. 15, 2024                   | Jan. 02, 2025 | Radiation (03CH03-KS) |
| high gain Amplifier               | MITEQ           | AMF-7D-0010 1800-30-10P | 2082394                | 1Ghz-18Ghz              | Jan. 03, 2024    | Aug. 15, 2024                   | Jan. 02, 2025 | Radiation (03CH03-KS) |
| Amplifier                         | Keysight        | 83017A                  | MY53270319             | 1GHz~26.5GHz            | Oct. 11, 2023    | Aug. 15, 2024                   | Oct. 10, 2024 | Radiation (03CH03-KS) |
| AC Power Source                   | Chroma          | 61601                   | F104090004             | N/A                     | NCR              | Aug. 15, 2024                   | NCR           | Radiation (03CH03-KS) |
| Turn Table                        | ChamPro         | EM 1000-T               | 060762-T               | 0~360 degree            | NCR              | Aug. 15, 2024                   | NCR           | Radiation (03CH03-KS) |
| Antenna Mast                      | ChamPro         | EM 1000-A               | 060762-A               | 1 m~4 m                 | NCR              | Aug. 15, 2024                   | NCR           | Radiation (03CH03-KS) |

NCR: No Calibration Required.



## For WWAN Bands:

| Instrument                     | Manufacturer | Model No.  | Serial No.  | Characteristics         | Calibration Date | Test Date                       | Due Date      | Remark                |
|--------------------------------|--------------|------------|-------------|-------------------------|------------------|---------------------------------|---------------|-----------------------|
| Spectrum Analyzer              | R&S          | FSV40      | 101040      | 10Hz~40GHz              | Oct. 11, 2023    | Aug. 28, 2024~<br>Oct. 16, 2024 | Oct. 10, 2024 | Conducted (TH01-KS)   |
| Spectrum Analyzer              | R&S          | FSV40      | 101040      | 10Hz~40GHz              | Oct. 10, 2024    |                                 | Oct. 09, 2025 | Conducted (TH01-KS)   |
| Power divider                  | STI          | STI08-0055 | -           | 0.5~40GHz               | NCR              | Aug. 28, 2024~<br>Oct. 16, 2024 | NCR           | Conducted (TH01-KS)   |
| Temperature & humidity chamber | Hongzhan     | LP-150U    | H2014011440 | -40~+150°C<br>20%~95%RH | Jul. 04, 2024    | Aug. 28, 2024~<br>Oct. 16, 2024 | Jul. 03, 2025 | Conducted (TH01-KS)   |
| EXA Spectrum Analyzer          | Keysight     | N9010B     | MY57471079  | 10Hz~44G,MAX 30dB       | Oct. 11, 2023    | Aug. 22, 2024~<br>Oct. 15, 2024 | Oct. 10, 2024 | Radiation (03CH04-KS) |
| EXA Spectrum Analyzer          | Keysight     | N9010B     | MY57471079  | 10Hz~44G,MAX 30dB       | Oct. 10, 2024    |                                 | Oct. 09, 2025 | Radiation (03CH04-KS) |
| Bilog Antenna                  | TeseQ        | CBL6111D   | 59913       | 30MHz~1GHz              | Aug. 18, 2024    | Aug. 22, 2024~<br>Oct. 15, 2024 | Aug. 17, 2025 | Radiation (03CH04-KS) |
| Double Ridge Horn Antenna      | ETS-Lindgren | 3117       | 75957       | 1GHz~18GHz              | Oct. 23, 2023    | Aug. 22, 2024~<br>Oct. 15, 2024 | Oct. 22, 2024 | Radiation (03CH04-KS) |
| SHF-EHF Horn                   | Com-power    | AH-840     | 101070      | 18GHz~40GHz             | Jan. 27, 2024    | Aug. 22, 2024~<br>Oct. 15, 2024 | Jan. 26, 2025 | Radiation (03CH04-KS) |
| Amplifier                      | SONOMA       | 310N       | 413740      | 9KHz~1GHz               | Jan. 03, 2024    | Aug. 22, 2024~<br>Oct. 15, 2024 | Jan. 02, 2025 | Radiation (03CH04-KS) |
| Amplifier                      | EM           | EM18G40GA  | 060728      | 18~40GHz                | Jan. 02, 2024    | Aug. 22, 2024~<br>Oct. 15, 2024 | Jan. 01, 2025 | Radiation (03CH04-KS) |
| high gain Amplifier            | EM           | EM01G18GA  | 060840      | 1Ghz~18Ghz              | Oct. 11, 2023    | Aug. 22, 2024~<br>Oct. 15, 2024 | Oct. 10, 2024 | Radiation (03CH04-KS) |
| high gain Amplifier            | EM           | EM01G18GA  | 060840      | 1Ghz~18Ghz              | Oct. 10, 2024    |                                 | Oct. 09, 2025 | Radiation (03CH04-KS) |
| Amplifier                      | EM           | EM01G18GA  | 060892      | 1Ghz~18Ghz              | Oct. 11, 2023    | Aug. 22, 2024~<br>Oct. 15, 2024 | Oct. 10, 2024 | Radiation (03CH04-KS) |
| Amplifier                      | EM           | EM01G18GA  | 060892      | 1Ghz~18Ghz              | Oct. 10, 2024    |                                 | Oct. 09, 2025 | Radiation (03CH04-KS) |
| AC Power Source                | Chroma       | 61601      | F104090004  | N/A                     | NCR              | Aug. 22, 2024~<br>Oct. 15, 2024 | NCR           | Radiation (03CH04-KS) |
| Turn Table                     | ChamPro      | EM 1000-T  | 060762-T    | 0~360 degree            | NCR              | Aug. 22, 2024~<br>Oct. 15, 2024 | NCR           | Radiation (03CH04-KS) |
| Antenna Mast                   | ChamPro      | EM 1000-A  | 060762-A    | 1 m~4 m                 | NCR              | Aug. 22, 2024~<br>Oct. 15, 2024 | NCR           | Radiation (03CH04-KS) |

NCR: No Calibration Required.

## 4 Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.26-2015. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

### Uncertainty of Conducted Measurement (BT/WIFI2.4G/5G)

|                                        |          |
|----------------------------------------|----------|
| Conducted Spurious Emission & Bandedge | ±2.22 dB |
| Occupied Channel Bandwidth             | ±0.1%    |
| Conducted Power                        | ±0.50 dB |
| Conducted Power Spectral Density       | ±0.90 dB |
| Frequency                              | ±0.4 ppm |

### Uncertainty of Conducted Measurement (DFS)

| Test Item                         | Uncertainty |
|-----------------------------------|-------------|
| Conducted Generated signal Levels | ±0.56 dB    |
| Conducted Time                    | 0.38%       |

### Uncertainty of Conducted Measurement (WWAN)

|                                        |          |
|----------------------------------------|----------|
| Conducted Spurious Emission & Bandedge | ±2.22 dB |
| Occupied Channel Bandwidth             | ±0.1%    |
| Conducted Power                        | ±0.50 dB |
| Peak to Average Ratio                  | ±0.46 dB |
| Frequency Stability                    | ±0.4 ppm |

### Uncertainty of AC Conducted Emission Measurement (0.15 MHz ~ 30 MHz)

|                                                                     |         |
|---------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 2.84 dB |
|---------------------------------------------------------------------|---------|

**03CH03-KS(BT/WIF):****Uncertainty of Radiated Emission Measurement (9 KHz ~ 30 MHz)**

|                                                                         |        |
|-------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 3.30dB |
|-------------------------------------------------------------------------|--------|

**Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)**

|                                                                         |        |
|-------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 6.08dB |
|-------------------------------------------------------------------------|--------|

**Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)**

|                                                                         |        |
|-------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 5.18dB |
|-------------------------------------------------------------------------|--------|

**Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)**

|                                                                         |        |
|-------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 5.22dB |
|-------------------------------------------------------------------------|--------|

**03CH04-KS(WWAN):****Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)**

|                                                                         |         |
|-------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 2.83 dB |
|-------------------------------------------------------------------------|---------|

**Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)**

|                                                                         |         |
|-------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 2.83 dB |
|-------------------------------------------------------------------------|---------|

**Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)**

|                                                                         |         |
|-------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 2.82 dB |
|-------------------------------------------------------------------------|---------|

-THE END-



## Appendix A. Radiated Spurious Emission Test Data

|                 |           |                     |        |
|-----------------|-----------|---------------------|--------|
| Test Engineer : | Jake Zhou | Relative Humidity : | 53-58% |
|                 |           | Temperature :       | 23-26℃ |

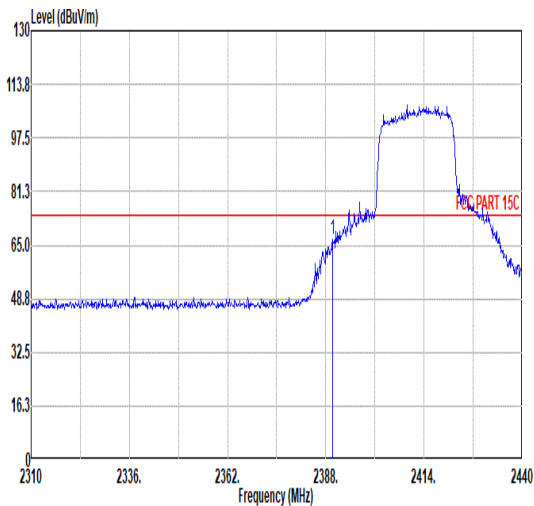
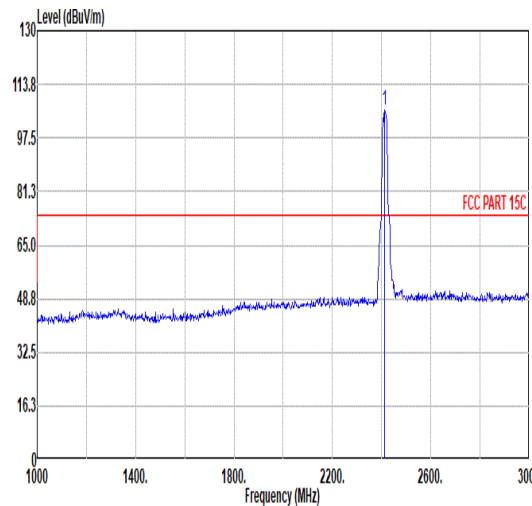
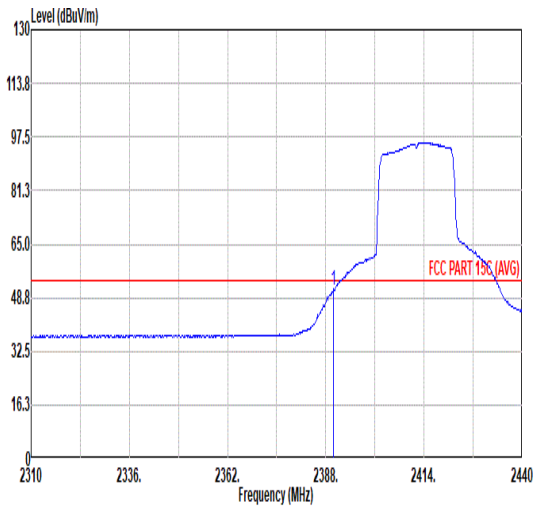
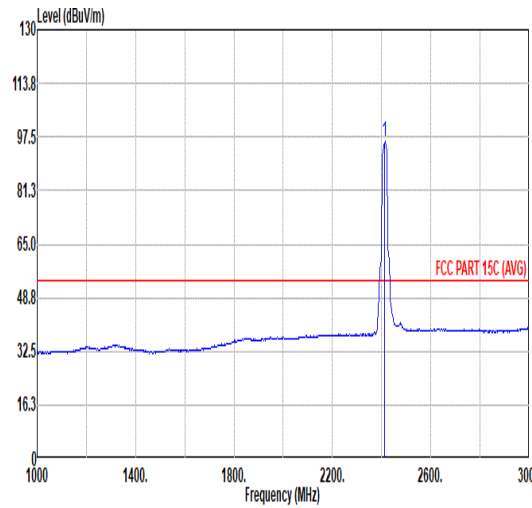
### Radiated Spurious Emission Test Modes for Co-location

| Mode   | Band        | Band       | Antenna | Modulation                 | Channel | Frequency | Data Rate | RU   | Remark |
|--------|-------------|------------|---------|----------------------------|---------|-----------|-----------|------|--------|
| Mode 1 | Co-location | 2.4G WIFI  | 6       | 802.11ax HE20              | 01      | 2412      | MCS0      | Full | -      |
|        |             | WWAN       | 3       | Part 96 LTE Band 48 BW=20M |         |           |           |      |        |
| Mode 2 | Co-location | 5G U-NII-1 | 6       | 802.11ax HE80              | 42      | 5210      | MCS0      | Full | -      |
|        |             | -          | 6       | Bluetooth-LE               | 38      | 2478      | 2Mbps     | Full | -      |
|        |             | WWAN       | 3       | Part 96 LTE Band 48 BW=20M |         |           |           |      |        |

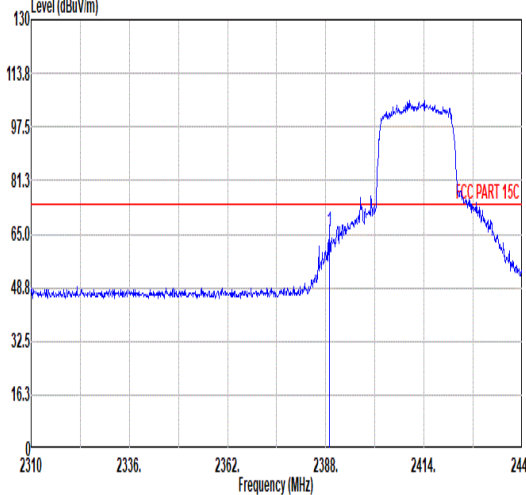
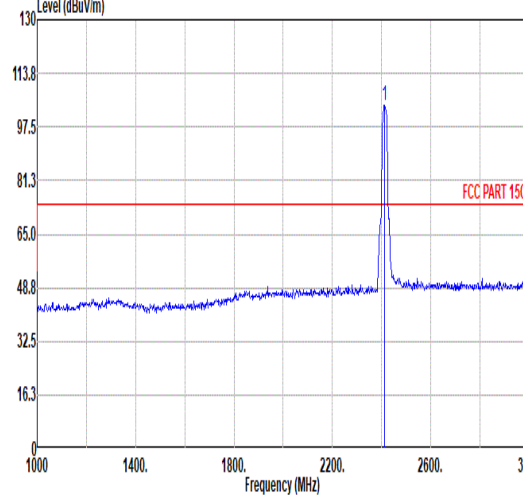
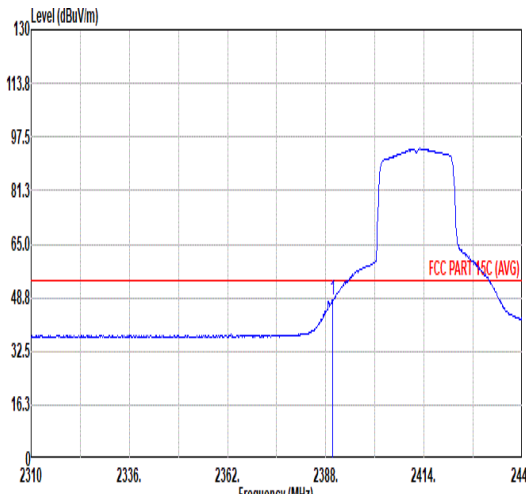
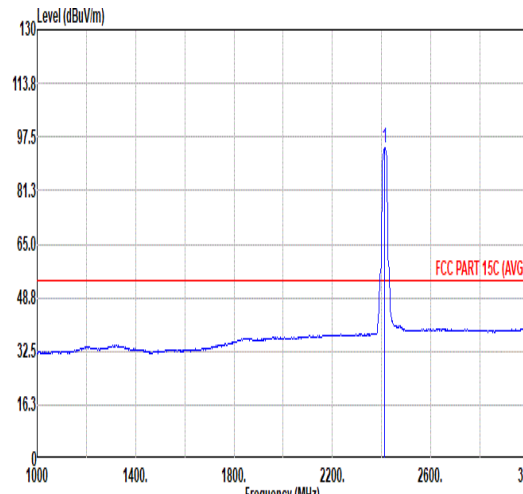
### Summary of each worse mode

| Mode | Modulation    | Ch. | Freq. (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Pol. | Peak Avg. | Result | Remark    |
|------|---------------|-----|-------------|----------------|----------------|-------------|------|-----------|--------|-----------|
| 1    | 802.11ax HE20 | 01  | 2389.95     | 50.83          | 54.00          | -3.17       | H    | AVERAGE   | Pass   | Band Edge |
|      | 802.11ax HE20 | 01  | 4824.00     | 44.42          | 74.00          | -29.58      | H    | PEAK      | Pass   | Harmonic  |
| 2    | 802.11ax HE80 | 42  | 5149.76     | 50.67          | 54.00          | -3.33       | H    | AVERAGE   | Pass   | Band Edge |
|      | 802.11ax HE80 | 42  | 10420.00    | 44.50          | 68.20          | -23.70      | V    | PEAK      | Pass   | Harmonic  |
|      | Bluetooth-LE  | 38  | 2485.24     | 40.48          | 54.00          | -13.52      | V    | AVERAGE   | Pass   | Band Edge |
|      | Bluetooth-LE  | 38  | 4956.00     | 46.87          | 54.00          | -7.13       | H    | AVERAGE   | Pass   | Harmonic  |

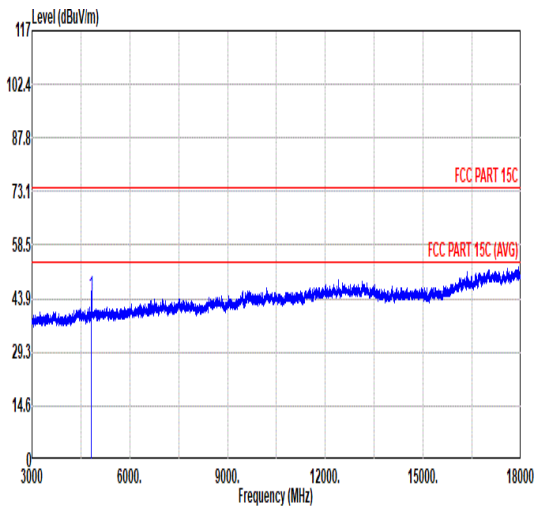
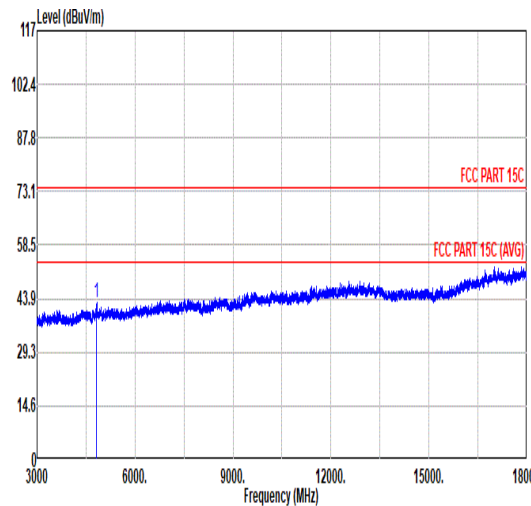


| Mode        | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |              |             |        |        |             |       |        |     |     |         |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |      |     |     |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|-------------|--------|--------|-------------|-------|--------|-----|-----|---------|--|-------|------|-----|-------|--------|-----|------|------|--------|--|--|------|-------|-------------|--------------|-------------|--------|--------|--|--|--|--|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|--|--|---|---------|--------|-------|-------|-------|-------|------|-------|------|-----|-----|
|             | Band Edge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |              |             |        |        |             |       |        |     |     |         |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |      |     |     |
|             | 2400-2483.5_802.11ax HE20_CH01_Full_2412MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |              |             |        |        |             |       |        |     |     |         |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |      |     |     |
| ANT         | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |              |             |        |        |             |       |        |     |     |         |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |      |     |     |
| Pol.        | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |              |             |        |        | Fundamental |       |        |     |     |         |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |      |     |     |
| Peak        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |              |             |        |        |             |       |        |     |     |         |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |      |     |     |
|             | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th colspan="3">Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2389.82</td><td>66.56</td><td>74.00</td><td>-7.44</td><td>58.32</td><td>31.94</td><td>7.16</td><td>36.86</td><td>6.00</td><td>206</td><td>311</td><td>PEAK</td></tr></table>    |             |              |             |        |        |             |       |        |     |     |         |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark |  |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor |  |  |  |  |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg |  |  | 1 | 2389.82 | 66.56  | 74.00 | -7.44 | 58.32 | 31.94 | 7.16 | 36.86 | 6.00 | 206 | 311 |
|             | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Read        | Ant          | Cable       | Preamp | Aux    | APos        | TPos  | Remark |     |     |         |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |      |     |     |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Line Margin | Level Factor | Loss Factor | Factor | Factor |             |       |        |     |     |         |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |      |     |     |
|             | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dBuV/m      | dBuV/m       | dB          | dBuV   | dB/m   | dB          | dB    | cm     | deg |     |         |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |      |     |     |
| 1           | 2389.82                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 66.56       | 74.00        | -7.44       | 58.32  | 31.94  | 7.16        | 36.86 | 6.00   | 206 | 311 | PEAK    |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |      |     |     |
| Fundamental |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |              |             |        |        |             |       |        |     |     |         |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |      |     |     |
|             | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th colspan="3">Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2412.00</td><td>105.97</td><td>-----</td><td>-----</td><td>97.49</td><td>32.14</td><td>7.20</td><td>36.86</td><td>6.00</td><td>206</td><td>311</td><td>PEAK</td></tr></table>   |             |              |             |        |        |             |       |        |     |     |         |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark |  |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor |  |  |  |  |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg |  |  | 1 | 2412.00 | 105.97 | ----- | ----- | 97.49 | 32.14 | 7.20 | 36.86 | 6.00 | 206 | 311 |
|             | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Read        | Ant          | Cable       | Preamp | Aux    | APos        | TPos  | Remark |     |     |         |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |      |     |     |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Line Margin | Level Factor | Loss Factor | Factor | Factor |             |       |        |     |     |         |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |      |     |     |
|             | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dBuV/m      | dBuV/m       | dB          | dBuV   | dB/m   | dB          | dB    | cm     | deg |     |         |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |      |     |     |
| 1           | 2412.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 105.97      | -----        | -----       | 97.49  | 32.14  | 7.20        | 36.86 | 6.00   | 206 | 311 | PEAK    |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |      |     |     |
| Avg         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |              |             |        |        |             |       |        |     |     |         |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |      |     |     |
|             | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th colspan="3">Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2389.95</td><td>50.83</td><td>54.00</td><td>-3.17</td><td>42.59</td><td>31.94</td><td>7.16</td><td>36.86</td><td>6.00</td><td>206</td><td>311</td><td>AVERAGE</td></tr></table> |             |              |             |        |        |             |       |        |     |     |         |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark |  |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor |  |  |  |  |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg |  |  | 1 | 2389.95 | 50.83  | 54.00 | -3.17 | 42.59 | 31.94 | 7.16 | 36.86 | 6.00 | 206 | 311 |
|             | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Read        | Ant          | Cable       | Preamp | Aux    | APos        | TPos  | Remark |     |     |         |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |      |     |     |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Line Margin | Level Factor | Loss Factor | Factor | Factor |             |       |        |     |     |         |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |      |     |     |
|             | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dBuV/m      | dBuV/m       | dB          | dBuV   | dB/m   | dB          | dB    | cm     | deg |     |         |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |      |     |     |
| 1           | 2389.95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 50.83       | 54.00        | -3.17       | 42.59  | 31.94  | 7.16        | 36.86 | 6.00   | 206 | 311 | AVERAGE |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |      |     |     |
| Fundamental |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |              |             |        |        |             |       |        |     |     |         |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |      |     |     |
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|             | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Read        | Ant          | Cable       | Preamp | Aux    | APos        | TPos  | Remark |     |     |         |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |      |     |     |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Line Margin | Level Factor | Loss Factor | Factor | Factor |             |       |        |     |     |         |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |      |     |     |
|             | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dBuV/m      | dBuV/m       | dB          | dBuV   | dB/m   | dB          | dB    | cm     | deg |     |         |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |      |     |     |
| 1           | 2412.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 95.94       | -----        | -----       | 87.42  | 32.17  | 7.21        | 36.86 | 6.00   | 206 | 311 | AVERAGE |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |        |       |       |       |       |      |       |      |     |     |

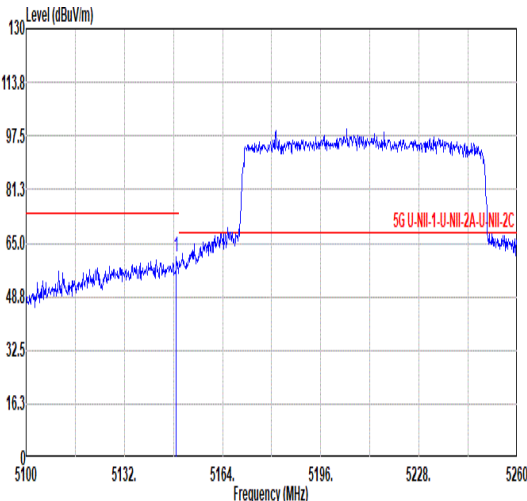
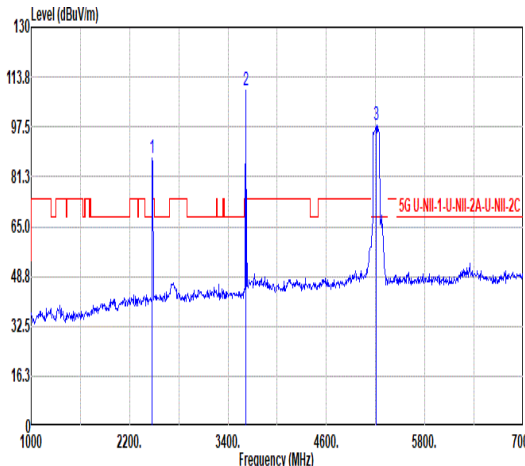
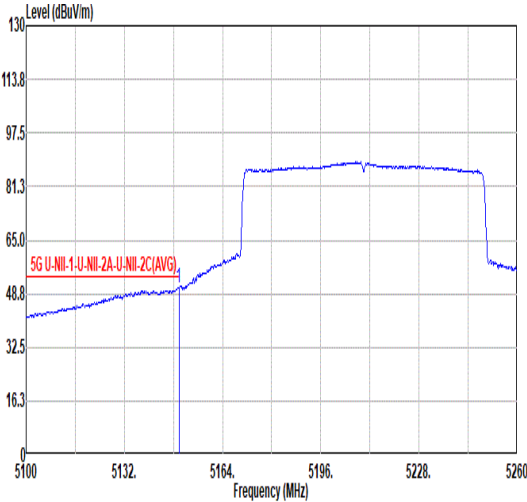
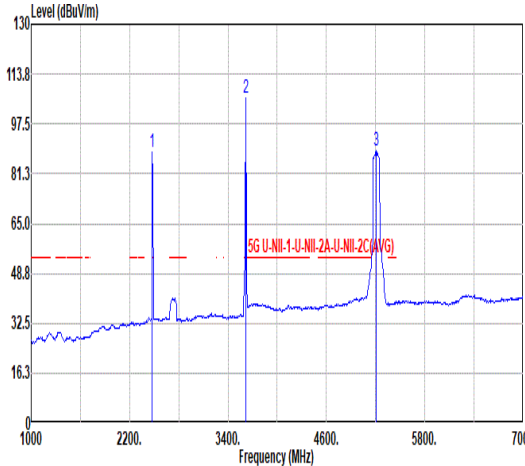


| Mode | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |              |             |        |        |             |       |        |     |            |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|-------------|--------|--------|-------------|-------|--------|-----|------------|--|--|-------|------|-----|-------|--------|-----|------|------|--------|--|--|------|-------|-------------|--------------|-------------|--------|--------|--|--|--|--|--|--|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|------|-------|------|-----|
|      | Band Edge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |              |             |        |        |             |       |        |     |            |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |
|      | 2400-2483.5_802.11ax HE20_CH01_Full_2412MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |              |             |        |        |             |       |        |     |            |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |
| ANT  | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |              |             |        |        |             |       |        |     |            |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |
| Pol. | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |              |             |        |        | Fundamental |       |        |     |            |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |
| Peak |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |              |             |        |        |             |       |        |     |            |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |
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|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Read        | Ant          | Cable       | Preamp | Aux    | APos        | TPos  | Remark |     |            |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Line Margin | Level Factor | Loss Factor | Factor | Factor |             |       |        |     |            |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | dBuV/m      | dBuV/m       | dB          | dBuV   | dB/m   | dB          | dB    | dB     | cm  | deg        |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |
| 1    | 2388.91                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 65.71       | 74.00        | -8.29       | 57.48  | 31.93  | 7.16        | 36.86 | 6.00   | 312 | 52 PEAK    |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |
| Peak |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |              |             |        |        |             |       |        |     |            |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |
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|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Read        | Ant          | Cable       | Preamp | Aux    | APos        | TPos  | Remark |     |            |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Line Margin | Level Factor | Loss Factor | Factor | Factor |             |       |        |     |            |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | dBuV/m      | dBuV/m       | dB          | dBuV   | dB/m   | dB          | dB    | dB     | cm  | deg        |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |
| 1    | 2412.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 103.99      | -----        | -----       | 95.51  | 32.14  | 7.20        | 36.86 | 6.00   | 312 | 52 PEAK    |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |
| Avg  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |              |             |        |        |             |       |        |     |            |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |
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|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Read        | Ant          | Cable       | Preamp | Aux    | APos        | TPos  | Remark |     |            |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Line Margin | Level Factor | Loss Factor | Factor | Factor |             |       |        |     |            |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | dBuV/m      | dBuV/m       | dB          | dBuV   | dB/m   | dB          | dB    | dB     | cm  | deg        |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |
| 1    | 2389.82                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 48.00       | 54.00        | -6.00       | 39.76  | 31.94  | 7.16        | 36.86 | 6.00   | 312 | 52 AVERAGE |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |
| Avg  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |              |             |        |        |             |       |        |     |            |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |
|      | <table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th colspan="3">Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th></th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2412.00</td><td>93.97</td><td>-----</td><td>-----</td><td>85.49</td><td>32.14</td><td>7.20</td><td>36.86</td><td>6.00</td><td>312</td><td>52 AVERAGE</td></tr></tbody></table> |             |              |             |        |        |             |       |        |     |            |  |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark |  |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor |  |  |  |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 2412.00 | 93.97  | ----- | ----- | 85.49 | 32.14 | 7.20 | 36.86 | 6.00 | 312 |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Read        | Ant          | Cable       | Preamp | Aux    | APos        | TPos  | Remark |     |            |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Line Margin | Level Factor | Loss Factor | Factor | Factor |             |       |        |     |            |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | dBuV/m      | dBuV/m       | dB          | dBuV   | dB/m   | dB          | dB    | dB     | cm  | deg        |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |
| 1    | 2412.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 93.97       | -----        | -----       | 85.49  | 32.14  | 7.20        | 36.86 | 6.00   | 312 | 52 AVERAGE |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |



| Mode            | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |              |             |             |        |                                                                                     |       |        |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|-------------|-------------|--------|-------------------------------------------------------------------------------------|-------|--------|-----|-------|--------|-----|------|------|--|------|-------|-------------|--------------|-------------|-------------|--------|--|--|--------|--|-----|--------|--------|----|------|----|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|----|----|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|-------|------|-----|-------|--------|-----|------|------|--|------|-------|-------------|--------------|-------------|-------------|--------|--|--|--------|--|-----|--------|--------|----|------|----|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|----|----|------|
|                 | Harmonic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |              |             |             |        |                                                                                     |       |        |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |
|                 | 2400-2483.5_802.11ax HE20_CH01_Full_2412MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |              |             |             |        |                                                                                     |       |        |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |
| ANT             | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |              |             |             |        |                                                                                     |       |        |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |
| Pol.            | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |              |             |             |        | Vertical                                                                            |       |        |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |
| Peak<br><br>Avg |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |              |             |             |        |  |       |        |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |
|                 | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4824.00</td><td>44.42</td><td>74.00</td><td>-29.58</td><td>64.97</td><td>34.40</td><td>10.29</td><td>65.24</td><td>0.00</td><td>--</td><td>--</td><td>PEAK</td></tr></table> |             |              |             |             |        |                                                                                     | Limit | Read   | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  | Remark |  | MHz | dBuV/m | dBuV/m | dB | dB/m | dB | dB | dB | cm | deg | 1 | 4824.00 | 44.42 | 74.00 | -29.58 | 64.97 | 34.40 | 10.29 | 65.24 | 0.00 | -- | -- | PEAK | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4824.00</td><td>43.04</td><td>74.00</td><td>-30.96</td><td>63.59</td><td>34.40</td><td>10.29</td><td>65.24</td><td>0.00</td><td>--</td><td>--</td><td>PEAK</td></tr></table> |  |  |  |  |  |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  | Remark |  | MHz | dBuV/m | dBuV/m | dB | dB/m | dB | dB | dB | cm | deg | 1 | 4824.00 | 43.04 | 74.00 | -30.96 | 63.59 | 34.40 | 10.29 | 65.24 | 0.00 | -- | -- | PEAK |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Limit       | Read         | Ant         | Cable       | Preamp | Aux                                                                                 | APos  | TPos   |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |
| Freq            | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |                                                                                     |       | Remark |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |
|                 | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dBuV/m      | dBuV/m       | dB          | dB/m        | dB     | dB                                                                                  | dB    | cm     | deg |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |
| 1               | 4824.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 44.42       | 74.00        | -29.58      | 64.97       | 34.40  | 10.29                                                                               | 65.24 | 0.00   | --  | --    | PEAK   |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |
|                 | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Read        | Ant          | Cable       | Preamp      | Aux    | APos                                                                                | TPos  |        |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |
| Freq            | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |                                                                                     |       | Remark |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |
|                 | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dBuV/m      | dBuV/m       | dB          | dB/m        | dB     | dB                                                                                  | dB    | cm     | deg |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |
| 1               | 4824.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 43.04       | 74.00        | -30.96      | 63.59       | 34.40  | 10.29                                                                               | 65.24 | 0.00   | --  | --    | PEAK   |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |              |             |             |        |                                                                                     |       |        |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |

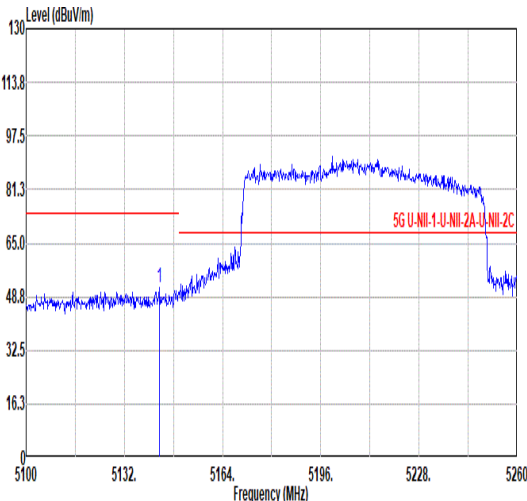
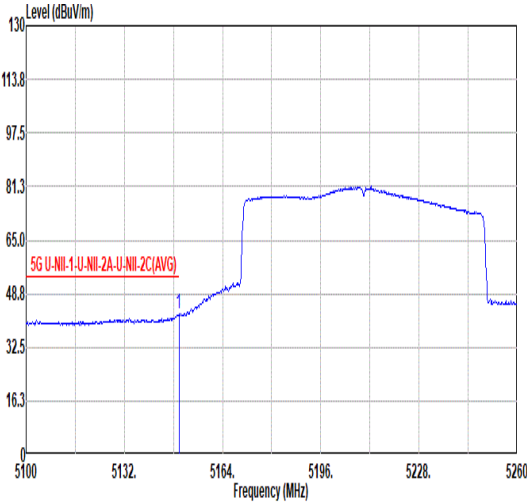
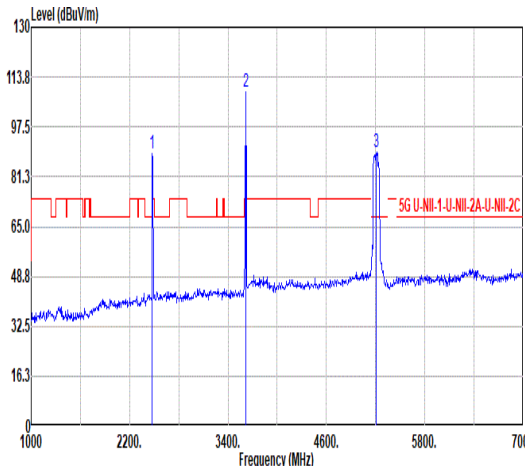
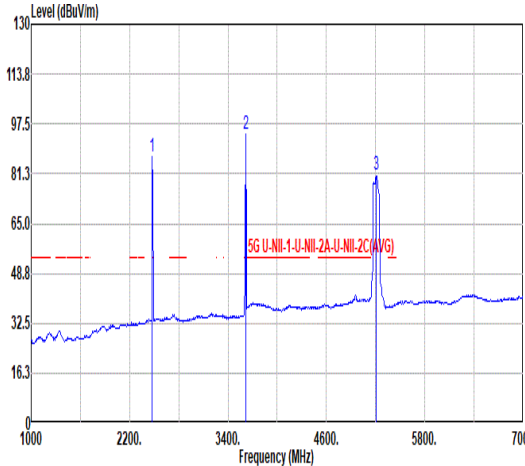


|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2                                                 |        |        |        |       |             |        |        |     |                                                                                      |         |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------|--------|--------|-------|-------------|--------|--------|-----|--------------------------------------------------------------------------------------|---------|------|-----|-------|--------|-----|------|------|--|------|-------|------|--------|-------|--------|------|--------|--------|--------|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|-------|------|-----|-------|--------|-----|------|------|--|------|-------|------|--------|-------|--------|------|--------|--------|--------|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|-------|-------|-------|-------|------|-------|------|-----|-----|---------|---|---------|--------|-------|--------|-------|------|-------|------|-----|-----|---------|---|---------|-------|-------|-------|-------|-------|-------|------|-----|-----|
| Mode |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Band Edge - L                                     |        |        |        |       |             |        |        |     |                                                                                      |         |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | U-NII-1_5.15-5.25_802.11ax HE80_CH42_Full_5210MHz |        |        |        |       |             |        |        |     |                                                                                      |         |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| ANT  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 6                                                 |        |        |        |       |             |        |        |     |                                                                                      |         |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| Pol. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Horizontal                                        |        |        |        |       | Fundamental |        |        |     |                                                                                      |         |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| Peak |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                   |        |        |        |       |             |        |        |     |   |         |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
|      | <table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>5148.96</td><td>60.84</td><td>74.00</td><td>-13.16</td><td>52.93</td><td>34.60</td><td>10.65</td><td>37.34</td><td>0.00</td><td>101</td><td>236</td><td>PEAK</td></tr></tbody></table>   |                                                   |        |        |        |       |             |        |        |     |                                                                                      | Limit   | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 5148.96 | 60.84 | 74.00 | -13.16 | 52.93 | 34.60 | 10.65 | 37.34 | 0.00 | 101 | 236 | PEAK    | <table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2476.00</td><td>87.52</td><td>-----</td><td>84.45</td><td>32.60</td><td>7.32</td><td>36.85</td><td>0.00</td><td>101</td><td>236</td><td>Peak</td></tr><tr><td>2</td><td>3616.00</td><td>109.54</td><td>-----</td><td>104.37</td><td>32.86</td><td>8.89</td><td>36.58</td><td>0.00</td><td>101</td><td>236</td><td>Peak</td></tr><tr><td>3</td><td>5210.00</td><td>98.23</td><td>-----</td><td>90.15</td><td>34.68</td><td>10.72</td><td>37.32</td><td>0.00</td><td>101</td><td>236</td><td>PEAK</td></tr></tbody></table>          |  |  |  |  |  |  |  |  |  |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 2476.00 | 87.52 | ----- | 84.45 | 32.60 | 7.32 | 36.85 | 0.00 | 101 | 236 | Peak    | 2 | 3616.00 | 109.54 | ----- | 104.37 | 32.86 | 8.89 | 36.58 | 0.00 | 101 | 236 | Peak    | 3 | 5210.00 | 98.23 | ----- | 90.15 | 34.68 | 10.72 | 37.32 | 0.00 | 101 | 236 |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Read                                              | Ant    | Cable  | Preamp | Aux   | APos        | TPos   |        |     |                                                                                      |         |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Line                                              | Margin | Level  | Factor | Loss  | Factor      | Factor | Remark |     |                                                                                      |         |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dBuV/m                                            | dB     | dBuV   | dB/m   | dB    | dB          | dB     | cm     | deg |                                                                                      |         |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| 1    | 5148.96                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 60.84                                             | 74.00  | -13.16 | 52.93  | 34.60 | 10.65       | 37.34  | 0.00   | 101 | 236                                                                                  | PEAK    |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Read                                              | Ant    | Cable  | Preamp | Aux   | APos        | TPos   |        |     |                                                                                      |         |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Line                                              | Margin | Level  | Factor | Loss  | Factor      | Factor | Remark |     |                                                                                      |         |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dBuV/m                                            | dB     | dBuV   | dB/m   | dB    | dB          | dB     | cm     | deg |                                                                                      |         |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| 1    | 2476.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 87.52                                             | -----  | 84.45  | 32.60  | 7.32  | 36.85       | 0.00   | 101    | 236 | Peak                                                                                 |         |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| 2    | 3616.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 109.54                                            | -----  | 104.37 | 32.86  | 8.89  | 36.58       | 0.00   | 101    | 236 | Peak                                                                                 |         |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| 3    | 5210.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 98.23                                             | -----  | 90.15  | 34.68  | 10.72 | 37.32       | 0.00   | 101    | 236 | PEAK                                                                                 |         |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| Avg  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                   |        |        |        |       |             |        |        |     |  |         |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
|      | <table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>5149.76</td><td>50.67</td><td>54.00</td><td>-3.33</td><td>42.76</td><td>34.60</td><td>10.65</td><td>37.34</td><td>0.00</td><td>101</td><td>236</td><td>AVERAGE</td></tr></tbody></table> |                                                   |        |        |        |       |             |        |        |     |                                                                                      | Limit   | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 5149.76 | 50.67 | 54.00 | -3.33  | 42.76 | 34.60 | 10.65 | 37.34 | 0.00 | 101 | 236 | AVERAGE | <table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2476.00</td><td>88.52</td><td>-----</td><td>85.45</td><td>32.60</td><td>7.32</td><td>36.85</td><td>0.00</td><td>101</td><td>236</td><td>Average</td></tr><tr><td>2</td><td>3616.00</td><td>106.02</td><td>-----</td><td>100.85</td><td>32.86</td><td>8.89</td><td>36.58</td><td>0.00</td><td>101</td><td>236</td><td>Average</td></tr><tr><td>3</td><td>5210.00</td><td>88.73</td><td>-----</td><td>80.65</td><td>34.69</td><td>10.71</td><td>37.32</td><td>0.00</td><td>101</td><td>236</td><td>AVERAGE</td></tr></tbody></table> |  |  |  |  |  |  |  |  |  |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 2476.00 | 88.52 | ----- | 85.45 | 32.60 | 7.32 | 36.85 | 0.00 | 101 | 236 | Average | 2 | 3616.00 | 106.02 | ----- | 100.85 | 32.86 | 8.89 | 36.58 | 0.00 | 101 | 236 | Average | 3 | 5210.00 | 88.73 | ----- | 80.65 | 34.69 | 10.71 | 37.32 | 0.00 | 101 | 236 |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Read                                              | Ant    | Cable  | Preamp | Aux   | APos        | TPos   |        |     |                                                                                      |         |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Line                                              | Margin | Level  | Factor | Loss  | Factor      | Factor | Remark |     |                                                                                      |         |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dBuV/m                                            | dB     | dBuV   | dB/m   | dB    | dB          | dB     | cm     | deg |                                                                                      |         |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| 1    | 5149.76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 50.67                                             | 54.00  | -3.33  | 42.76  | 34.60 | 10.65       | 37.34  | 0.00   | 101 | 236                                                                                  | AVERAGE |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Read                                              | Ant    | Cable  | Preamp | Aux   | APos        | TPos   |        |     |                                                                                      |         |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Line                                              | Margin | Level  | Factor | Loss  | Factor      | Factor | Remark |     |                                                                                      |         |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dBuV/m                                            | dB     | dBuV   | dB/m   | dB    | dB          | dB     | cm     | deg |                                                                                      |         |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| 1    | 2476.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 88.52                                             | -----  | 85.45  | 32.60  | 7.32  | 36.85       | 0.00   | 101    | 236 | Average                                                                              |         |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| 2    | 3616.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 106.02                                            | -----  | 100.85 | 32.86  | 8.89  | 36.58       | 0.00   | 101    | 236 | Average                                                                              |         |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| 3    | 5210.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 88.73                                             | -----  | 80.65  | 34.69  | 10.71 | 37.32       | 0.00   | 101    | 236 | AVERAGE                                                                              |         |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |      |       |      |     |     |         |   |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |

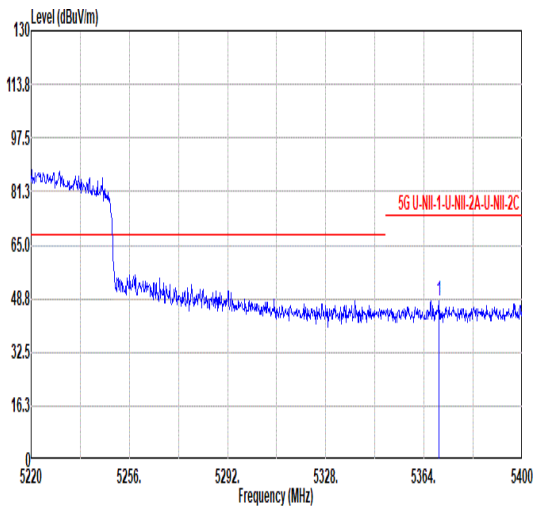
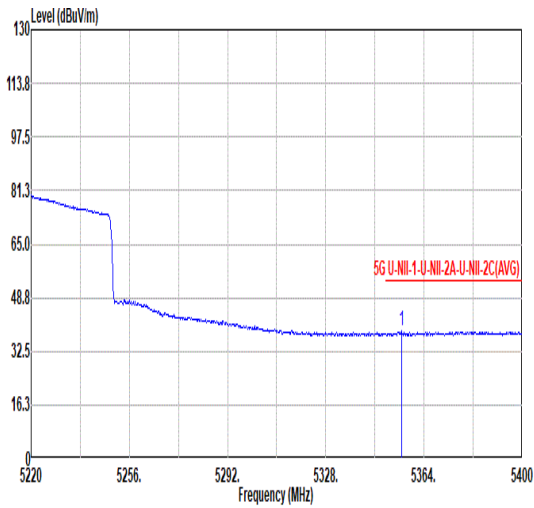


| Mode  | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |        |        |        |        |         |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |         |       |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|--------|--------|--------|---------|------|------|------|-------|------|--------|-------|--------|------|--------|-----|--------|--------|----|------|------|----|----|---|---------|-------|-------|--------|-------|-------|-------|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|-----|--|--|--|--|--|--|--|-----|--|--|--|--|--|--|--|---------|-------|
|       | Band Edge - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |        |        |        |        |         |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |         |       |
|       | U-NII-1_5.15-5.25_802.11ax HE80_CH42_Full_5210MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |        |        |        |        |         |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |         |       |
| ANT   | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |        |        |        |        |         |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |         |       |
| Pol.  | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Fundamental |        |        |        |        |         |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |         |       |
| Peak  | <div><table><tr><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th></tr><tr><td>1</td><td>5350.50</td><td>49.25</td><td>74.00</td><td>-24.75</td><td>40.90</td><td>34.00</td><td>10.84</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>37.29</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.00</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>101</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>236</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>PEAK</td></tr></table></div>    | Limit       | Read   | Ant    | Cable  | Preamp | Aux     | APos | TPos | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | 1 | 5350.50 | 49.25 | 74.00 | -24.75 | 40.90 | 34.00 | 10.84 |  |  |  |  |  |  |  | 37.29 |  |  |  |  |  |  |  | 0.00 |  |  |  |  |  |  |  | 101 |  |  |  |  |  |  |  | 236 |  |  |  |  |  |  |  | PEAK    | Blank |
| Limit | Read                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ant         | Cable  | Preamp | Aux    | APos   | TPos    |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |         |       |
| Freq  | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Line        | Margin | Level  | Factor | Loss   | Factor  |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |         |       |
| MHz   | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dBuV/m      | dB     | dBuV   | dB/m   | dB     | dB      |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |         |       |
| 1     | 5350.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 49.25       | 74.00  | -24.75 | 40.90  | 34.00  | 10.84   |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |         |       |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |        |        |        |        | 37.29   |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |         |       |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |        |        |        |        | 0.00    |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |         |       |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |        |        |        |        | 101     |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |         |       |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |        |        |        |        | 236     |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |         |       |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |        |        |        |        | PEAK    |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |         |       |
| Avg   | <div><table><tr><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th></tr><tr><td>1</td><td>5361.12</td><td>39.34</td><td>54.00</td><td>-14.66</td><td>31.02</td><td>34.76</td><td>10.85</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>37.29</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.00</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>101</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>236</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>AVERAGE</td></tr></table></div> | Limit       | Read   | Ant    | Cable  | Preamp | Aux     | APos | TPos | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | 1 | 5361.12 | 39.34 | 54.00 | -14.66 | 31.02 | 34.76 | 10.85 |  |  |  |  |  |  |  | 37.29 |  |  |  |  |  |  |  | 0.00 |  |  |  |  |  |  |  | 101 |  |  |  |  |  |  |  | 236 |  |  |  |  |  |  |  | AVERAGE | Blank |
| Limit | Read                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ant         | Cable  | Preamp | Aux    | APos   | TPos    |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |         |       |
| Freq  | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Line        | Margin | Level  | Factor | Loss   | Factor  |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |         |       |
| MHz   | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dBuV/m      | dB     | dBuV   | dB/m   | dB     | dB      |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |         |       |
| 1     | 5361.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 39.34       | 54.00  | -14.66 | 31.02  | 34.76  | 10.85   |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |         |       |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |        |        |        |        | 37.29   |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |         |       |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |        |        |        |        | 0.00    |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |         |       |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |        |        |        |        | 101     |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |         |       |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |        |        |        |        | 236     |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |         |       |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |        |        |        |        | AVERAGE |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |         |       |

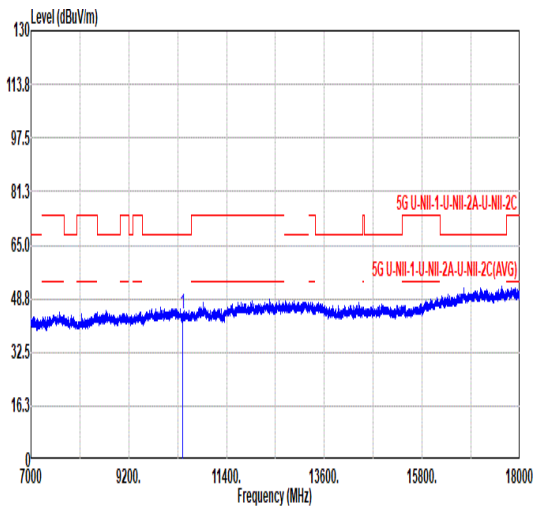
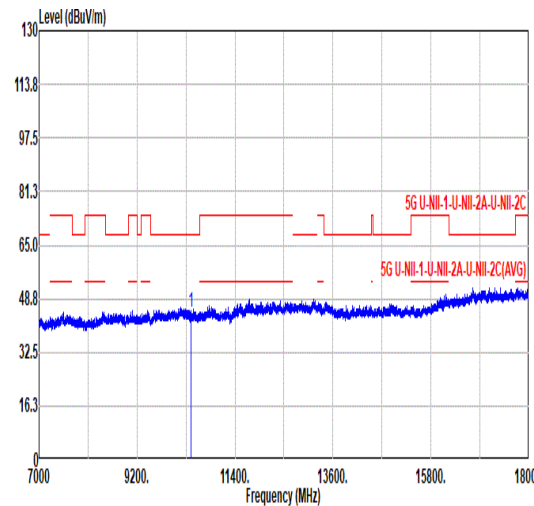


|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2                                                 |        |        |        |       |             |        |        |     |         |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------|--------|--------|-------|-------------|--------|--------|-----|---------|---------|-------|------|-----|-------|--------|-----|------|------|--|------|-------|------|--------|-------|--------|------|--------|--------|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|---------|---------|---------|--------|-------|--------|-------|------|-------|------|-----|-----|---------|---|---------|-------|-------|-------|-------|-------|-------|------|-----|-----|
| Mode |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Band Edge - L                                     |        |        |        |       |             |        |        |     |         |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | U-NII-1_5.15-5.25_802.11ax HE80_CH42_Full_5210MHz |        |        |        |       |             |        |        |     |         |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| ANT  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 6                                                 |        |        |        |       |             |        |        |     |         |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| Pol. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Vertical                                          |        |        |        |       | Fundamental |        |        |     |         |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| Peak |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                   |        |        |        |       |             |        |        |     |         |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
|      | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5143.36</td><td>51.34</td><td>74.00</td><td>-22.66</td><td>43.40</td><td>34.63</td><td>10.65</td><td>37.34</td><td>0.00</td><td>376</td><td>116</td><td>PEAK</td></tr></table>                                                                                                                                                                                                                                                                                                                                          |                                                   |        |        |        |       |             |        |        |     |         |         | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 5143.36 | 51.34 | 74.00 | -22.66 | 43.40 | 34.63 | 10.65 | 37.34 | 0.00 | 376 | 116     | PEAK    |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Read                                              | Ant    | Cable  | Preamp | Aux   | APos        | TPos   |        |     |         |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Line                                              | Margin | Level  | Factor | Loss  | Factor      | Factor | Remark |     |         |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | dBuV/m                                            | dBuV/m | dB     | dBuV   | dB/m  | dB          | dB     | cm     | deg |         |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| 1    | 5143.36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 51.34                                             | 74.00  | -22.66 | 43.40  | 34.63 | 10.65       | 37.34  | 0.00   | 376 | 116     | PEAK    |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| Avg  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                   |        |        |        |       |             |        |        |     |         |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
|      | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5149.76</td><td>42.48</td><td>54.00</td><td>-11.52</td><td>34.57</td><td>34.60</td><td>10.65</td><td>37.34</td><td>0.00</td><td>376</td><td>116</td><td>AVERAGE</td></tr></table>                                                                                                                                                                                                                                                                                                                                       |                                                   |        |        |        |       |             |        |        |     |         |         | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 5149.76 | 42.48 | 54.00 | -11.52 | 34.57 | 34.60 | 10.65 | 37.34 | 0.00 | 376 | 116     | AVERAGE |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Read                                              | Ant    | Cable  | Preamp | Aux   | APos        | TPos   |        |     |         |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Line                                              | Margin | Level  | Factor | Loss  | Factor      | Factor | Remark |     |         |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | dBuV/m                                            | dBuV/m | dB     | dBuV   | dB/m  | dB          | dB     | cm     | deg |         |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| 1    | 5149.76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 42.48                                             | 54.00  | -11.52 | 34.57  | 34.60 | 10.65       | 37.34  | 0.00   | 376 | 116     | AVERAGE |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| Peak |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                   |        |        |        |       |             |        |        |     |         |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
|      | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2476.00</td><td>88.86</td><td>-----</td><td>85.79</td><td>32.60</td><td>7.32</td><td>36.85</td><td>0.00</td><td>376</td><td>116</td><td>Peak</td></tr><tr><td>2</td><td>3616.00</td><td>108.67</td><td>-----</td><td>103.50</td><td>32.86</td><td>8.89</td><td>36.58</td><td>0.00</td><td>376</td><td>116</td><td>Peak</td></tr><tr><td>3</td><td>5210.00</td><td>89.32</td><td>-----</td><td>81.24</td><td>34.68</td><td>10.72</td><td>37.32</td><td>0.00</td><td>376</td><td>116</td><td>PEAK</td></tr></table>       |                                                   |        |        |        |       |             |        |        |     |         |         | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2476.00 | 88.86 | ----- | 85.79  | 32.60 | 7.32  | 36.85 | 0.00  | 376  | 116 | Peak    | 2       | 3616.00 | 108.67 | ----- | 103.50 | 32.86 | 8.89 | 36.58 | 0.00 | 376 | 116 | Peak    | 3 | 5210.00 | 89.32 | ----- | 81.24 | 34.68 | 10.72 | 37.32 | 0.00 | 376 | 116 |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Read                                              | Ant    | Cable  | Preamp | Aux   | APos        | TPos   |        |     |         |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Line                                              | Margin | Level  | Factor | Loss  | Factor      | Factor | Remark |     |         |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | dBuV/m                                            | dBuV/m | dB     | dBuV   | dB/m  | dB          | dB     | cm     | deg |         |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| 1    | 2476.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 88.86                                             | -----  | 85.79  | 32.60  | 7.32  | 36.85       | 0.00   | 376    | 116 | Peak    |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| 2    | 3616.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 108.67                                            | -----  | 103.50 | 32.86  | 8.89  | 36.58       | 0.00   | 376    | 116 | Peak    |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| 3    | 5210.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 89.32                                             | -----  | 81.24  | 34.68  | 10.72 | 37.32       | 0.00   | 376    | 116 | PEAK    |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| Avg  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                   |        |        |        |       |             |        |        |     |         |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
|      | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2476.00</td><td>86.75</td><td>-----</td><td>83.68</td><td>32.60</td><td>7.32</td><td>36.85</td><td>0.00</td><td>376</td><td>116</td><td>Average</td></tr><tr><td>2</td><td>3616.00</td><td>94.11</td><td>-----</td><td>88.94</td><td>32.86</td><td>8.89</td><td>36.58</td><td>0.00</td><td>376</td><td>116</td><td>Average</td></tr><tr><td>3</td><td>5210.00</td><td>80.75</td><td>-----</td><td>77.68</td><td>32.60</td><td>7.32</td><td>36.85</td><td>0.00</td><td>376</td><td>116</td><td>AVERAGE</td></tr></table> |                                                   |        |        |        |       |             |        |        |     |         |         | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2476.00 | 86.75 | ----- | 83.68  | 32.60 | 7.32  | 36.85 | 0.00  | 376  | 116 | Average | 2       | 3616.00 | 94.11  | ----- | 88.94  | 32.86 | 8.89 | 36.58 | 0.00 | 376 | 116 | Average | 3 | 5210.00 | 80.75 | ----- | 77.68 | 32.60 | 7.32  | 36.85 | 0.00 | 376 | 116 |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Read                                              | Ant    | Cable  | Preamp | Aux   | APos        | TPos   |        |     |         |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Line                                              | Margin | Level  | Factor | Loss  | Factor      | Factor | Remark |     |         |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | dBuV/m                                            | dBuV/m | dB     | dBuV   | dB/m  | dB          | dB     | cm     | deg |         |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| 1    | 2476.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 86.75                                             | -----  | 83.68  | 32.60  | 7.32  | 36.85       | 0.00   | 376    | 116 | Average |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| 2    | 3616.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 94.11                                             | -----  | 88.94  | 32.86  | 8.89  | 36.58       | 0.00   | 376    | 116 | Average |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |
| 3    | 5210.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 80.75                                             | -----  | 77.68  | 32.60  | 7.32  | 36.85       | 0.00   | 376    | 116 | AVERAGE |         |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |         |         |        |       |        |       |      |       |      |     |     |         |   |         |       |       |       |       |       |       |      |     |     |



| Mode | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |        |        |        |       |             |        |        |     |       |         |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |       |  |  |  |  |  |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|-------|-------------|--------|--------|-----|-------|---------|-----|------|------|--|------|-------|------|--------|-------|--------|------|--------|--------|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|---------|-------|--|--|--|--|--|
|      | Band Edge - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |        |        |        |       |             |        |        |     |       |         |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |       |  |  |  |  |  |
|      | U-NII-1_5.15-5.25_802.11ax HE80_CH42_Full_5210MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |        |        |        |       |             |        |        |     |       |         |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |       |  |  |  |  |  |
| ANT  | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |        |        |        |       |             |        |        |     |       |         |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |       |  |  |  |  |  |
| Pol. | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |        |        |        |       | Fundamental |        |        |     |       |         |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |       |  |  |  |  |  |
| Peak | <div><table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5369.40</td><td>48.08</td><td>74.00</td><td>-25.92</td><td>39.79</td><td>34.72</td><td>10.86</td><td>37.29</td><td>0.00</td><td>376</td><td>116</td><td>PEAK</td></tr></table></div>     |        |        |        |        |       |             | Limit  | Read   | Ant | Cable | Preamp  | Aux | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 5369.40 | 48.08 | 74.00 | -25.92 | 39.79 | 34.72 | 10.86 | 37.29 | 0.00 | 376 | 116 | PEAK    | Blank |  |  |  |  |  |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Read   | Ant    | Cable  | Preamp | Aux   | APos        | TPos   |        |     |       |         |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |       |  |  |  |  |  |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Line   | Margin | Level  | Factor | Loss  | Factor      | Factor | Remark |     |       |         |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |       |  |  |  |  |  |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | dBuV/m | dBuV/m | dB     | dBuV   | dB/m  | dB          | dB     | cm     | deg |       |         |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |       |  |  |  |  |  |
| 1    | 5369.40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 48.08  | 74.00  | -25.92 | 39.79  | 34.72 | 10.86       | 37.29  | 0.00   | 376 | 116   | PEAK    |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |       |  |  |  |  |  |
| Avg  | <div><table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5355.72</td><td>38.67</td><td>54.00</td><td>-15.33</td><td>30.33</td><td>34.78</td><td>10.85</td><td>37.29</td><td>0.00</td><td>376</td><td>116</td><td>AVERAGE</td></tr></table></div> |        |        |        |        |       |             | Limit  | Read   | Ant | Cable | Preamp  | Aux | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 5355.72 | 38.67 | 54.00 | -15.33 | 30.33 | 34.78 | 10.85 | 37.29 | 0.00 | 376 | 116 | AVERAGE | Blank |  |  |  |  |  |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Read   | Ant    | Cable  | Preamp | Aux   | APos        | TPos   |        |     |       |         |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |       |  |  |  |  |  |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Line   | Margin | Level  | Factor | Loss  | Factor      | Factor | Remark |     |       |         |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |       |  |  |  |  |  |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | dBuV/m | dBuV/m | dB     | dBuV   | dB/m  | dB          | dB     | cm     | deg |       |         |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |       |  |  |  |  |  |
| 1    | 5355.72                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 38.67  | 54.00  | -15.33 | 30.33  | 34.78 | 10.85       | 37.29  | 0.00   | 376 | 116   | AVERAGE |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |       |  |  |  |  |  |

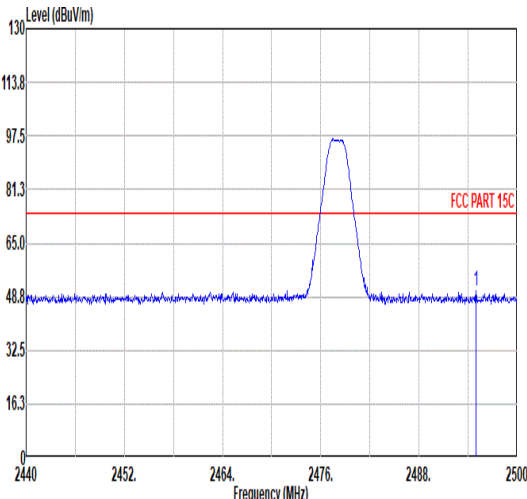
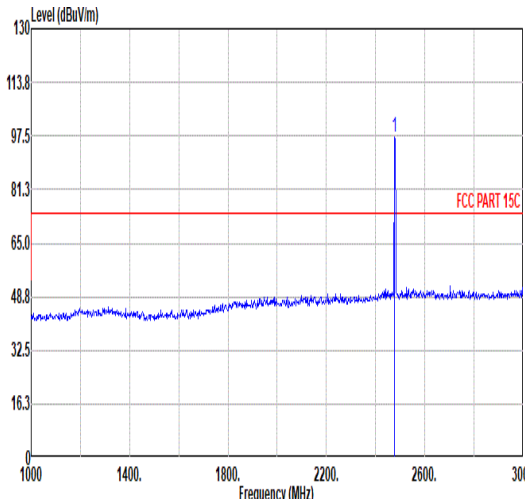
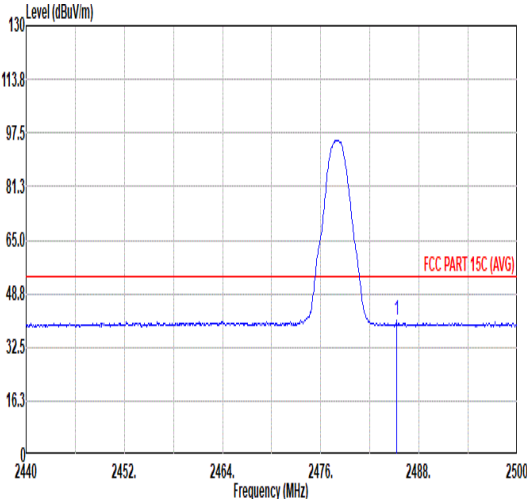
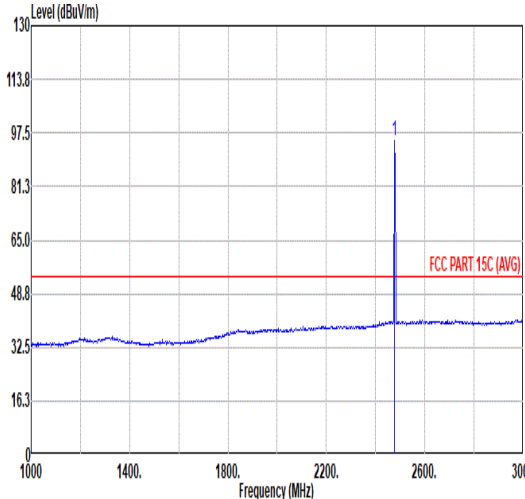


| Mode            | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |        |        |        |        |                                                                                     |        |        |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|-------------------------------------------------------------------------------------|--------|--------|-----|-------|--------|-----|------|------|--|------|-------|------|--------|-------|--------|------|--------|--------|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|----------|-------|-------|--------|-------|-------|-------|-------|------|----|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|-------|------|-----|-------|--------|-----|------|------|--|------|-------|------|--------|-------|--------|------|--------|--------|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|----------|-------|-------|--------|-------|-------|-------|-------|------|----|------|
|                 | Harmonic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        |        |        |        |        |                                                                                     |        |        |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |
|                 | U-NII-1_5.15-5.25_802.11ax HE80_CH42_Full_5210MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |        |        |        |        |                                                                                     |        |        |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |
| ANT             | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |        |        |        |        |                                                                                     |        |        |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |
| Pol.            | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |        |        |        |        | Vertical                                                                            |        |        |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |
| Peak<br><br>Avg |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |        |        |        |        |  |        |        |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |
|                 | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>10420.00</td><td>44.20</td><td>68.20</td><td>-24.00</td><td>57.82</td><td>37.60</td><td>15.33</td><td>66.55</td><td>0.00</td><td>--</td><td>PEAK</td></tr></table> |        |        |        |        |        |                                                                                     | Limit  | Read   | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 10420.00 | 44.20 | 68.20 | -24.00 | 57.82 | 37.60 | 15.33 | 66.55 | 0.00 | -- | PEAK | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>10420.00</td><td>44.50</td><td>68.20</td><td>-23.70</td><td>58.09</td><td>37.62</td><td>15.34</td><td>66.55</td><td>0.00</td><td>--</td><td>PEAK</td></tr></table> |  |  |  |  |  |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 10420.00 | 44.50 | 68.20 | -23.70 | 58.09 | 37.62 | 15.34 | 66.55 | 0.00 | -- | PEAK |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Limit  | Read   | Ant    | Cable  | Preamp | Aux                                                                                 | APos   | TPos   |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |
| Freq            | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Line   | Margin | Level  | Factor | Loss   | Factor                                                                              | Factor | Remark |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |
|                 | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dBuV/m | dBuV/m | dB     | dBuV   | dB/m   | dB                                                                                  | dB     | cm     | deg |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |
| 1               | 10420.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 44.20  | 68.20  | -24.00 | 57.82  | 37.60  | 15.33                                                                               | 66.55  | 0.00   | --  | PEAK  |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |
|                 | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Read   | Ant    | Cable  | Preamp | Aux    | APos                                                                                | TPos   |        |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |
| Freq            | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Line   | Margin | Level  | Factor | Loss   | Factor                                                                              | Factor | Remark |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |
|                 | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dBuV/m | dBuV/m | dB     | dBuV   | dB/m   | dB                                                                                  | dB     | cm     | deg |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |
| 1               | 10420.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 44.50  | 68.20  | -23.70 | 58.09  | 37.62  | 15.34                                                                               | 66.55  | 0.00   | --  | PEAK  |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |



| Mode        | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |              |             |        |        |             |       |        |     |     |         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |      |       |      |     |     |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|-------------|--------|--------|-------------|-------|--------|-----|-----|---------|--|-------|------|-----|-------|--------|-----|------|------|--|------|-------|-------------|--------------|-------------|--------|--------|--|--|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|--------|-------|--------|-------|-------|------|-------|------|-----|-----|
|             | Band Edge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |              |             |        |        |             |       |        |     |     |         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |      |       |      |     |     |
|             | 2400-2483.5_2400-2483.5_Bluetooth-LE_CH38_Full_2478MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |              |             |        |        |             |       |        |     |     |         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |      |       |      |     |     |
| ANT         | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |              |             |        |        |             |       |        |     |     |         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |      |       |      |     |     |
| Pol.        | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |              |             |        |        | Fundamental |       |        |     |     |         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |      |       |      |     |     |
| Peak        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |              |             |        |        |             |       |        |     |     |         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |      |       |      |     |     |
|             | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2489.44</td><td>50.27</td><td>74.00</td><td>-23.73</td><td>41.18</td><td>32.60</td><td>7.34</td><td>36.85</td><td>6.00</td><td>163</td><td>301</td><td>PEAK</td></tr></table>    |             |              |             |        |        |             |       |        |     |     |         |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor |  |  | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2489.44 | 50.27  | 74.00 | -23.73 | 41.18 | 32.60 | 7.34 | 36.85 | 6.00 | 163 | 301 |
|             | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Read        | Ant          | Cable       | Preamp | Aux    | APos        | TPos  |        |     |     |         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |      |       |      |     |     |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Line Margin | Level Factor | Loss Factor | Factor | Factor |             |       | Remark |     |     |         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |      |       |      |     |     |
|             | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | dBuV/m      | dBuV/m       | dB          | dBuV   | dB/m   | dB          | dB    | cm     | deg |     |         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |      |       |      |     |     |
| 1           | 2489.44                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 50.27       | 74.00        | -23.73      | 41.18  | 32.60  | 7.34        | 36.85 | 6.00   | 163 | 301 | PEAK    |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |      |       |      |     |     |
| Fundamental |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |              |             |        |        |             |       |        |     |     |         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |      |       |      |     |     |
|             | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2478.00</td><td>100.04</td><td>-----</td><td>-----</td><td>90.97</td><td>32.60</td><td>7.32</td><td>36.85</td><td>6.00</td><td>163</td><td>301</td><td>PEAK</td></tr></table>    |             |              |             |        |        |             |       |        |     |     |         |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor |  |  | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2478.00 | 100.04 | ----- | -----  | 90.97 | 32.60 | 7.32 | 36.85 | 6.00 | 163 | 301 |
|             | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Read        | Ant          | Cable       | Preamp | Aux    | APos        | TPos  |        |     |     |         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |      |       |      |     |     |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Line Margin | Level Factor | Loss Factor | Factor | Factor |             |       | Remark |     |     |         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |      |       |      |     |     |
|             | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | dBuV/m      | dBuV/m       | dB          | dBuV   | dB/m   | dB          | dB    | cm     | deg |     |         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |      |       |      |     |     |
| 1           | 2478.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 100.04      | -----        | -----       | 90.97  | 32.60  | 7.32        | 36.85 | 6.00   | 163 | 301 | PEAK    |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |      |       |      |     |     |
| Avg         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |              |             |        |        |             |       |        |     |     |         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |      |       |      |     |     |
|             | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2492.00</td><td>40.02</td><td>54.00</td><td>-13.98</td><td>30.92</td><td>32.60</td><td>7.35</td><td>36.85</td><td>6.00</td><td>163</td><td>301</td><td>AVERAGE</td></tr></table> |             |              |             |        |        |             |       |        |     |     |         |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor |  |  | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2492.00 | 40.02  | 54.00 | -13.98 | 30.92 | 32.60 | 7.35 | 36.85 | 6.00 | 163 | 301 |
|             | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Read        | Ant          | Cable       | Preamp | Aux    | APos        | TPos  |        |     |     |         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |      |       |      |     |     |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Line Margin | Level Factor | Loss Factor | Factor | Factor |             |       | Remark |     |     |         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |      |       |      |     |     |
|             | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | dBuV/m      | dBuV/m       | dB          | dBuV   | dB/m   | dB          | dB    | cm     | deg |     |         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |      |       |      |     |     |
| 1           | 2492.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 40.02       | 54.00        | -13.98      | 30.92  | 32.60  | 7.35        | 36.85 | 6.00   | 163 | 301 | AVERAGE |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |      |       |      |     |     |
| Fundamental |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |              |             |        |        |             |       |        |     |     |         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |      |       |      |     |     |
|             | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2478.00</td><td>97.84</td><td>-----</td><td>-----</td><td>88.77</td><td>32.60</td><td>7.32</td><td>36.85</td><td>6.00</td><td>163</td><td>301</td><td>AVERAGE</td></tr></table>  |             |              |             |        |        |             |       |        |     |     |         |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor |  |  | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2478.00 | 97.84  | ----- | -----  | 88.77 | 32.60 | 7.32 | 36.85 | 6.00 | 163 | 301 |
|             | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Read        | Ant          | Cable       | Preamp | Aux    | APos        | TPos  |        |     |     |         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |      |       |      |     |     |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Line Margin | Level Factor | Loss Factor | Factor | Factor |             |       | Remark |     |     |         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |      |       |      |     |     |
|             | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | dBuV/m      | dBuV/m       | dB          | dBuV   | dB/m   | dB          | dB    | cm     | deg |     |         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |      |       |      |     |     |
| 1           | 2478.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 97.84       | -----        | -----       | 88.77  | 32.60  | 7.32        | 36.85 | 6.00   | 163 | 301 | AVERAGE |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |      |       |      |     |     |



| Mode | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |              |             |        |        |                                                                                      |       |        |     |       |         |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|-------------|--------|--------|--------------------------------------------------------------------------------------|-------|--------|-----|-------|---------|-----|------|------|--|------|-------|-------------|--------------|-------------|--------|--------|--|--|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|----|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|-------|------|-----|-------|--------|-----|------|------|--|------|-------|-------------|--------------|-------------|--------|--------|--|--|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|-------|-------|-------|------|-------|------|-----|----|
|      | Band Edge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |              |             |        |        |                                                                                      |       |        |     |       |         |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |
|      | 2400-2483.5_2400-2483.5_Bluetooth-LE_CH38_Full_2478MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |              |             |        |        |                                                                                      |       |        |     |       |         |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |
| ANT  | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |              |             |        |        |                                                                                      |       |        |     |       |         |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |
| Pol. | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |              |             |        |        | Fundamental                                                                          |       |        |     |       |         |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |
| Peak |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |              |             |        |        |   |       |        |     |       |         |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |
|      | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2494.96</td><td>50.36</td><td>74.00</td><td>-23.64</td><td>41.26</td><td>32.60</td><td>7.35</td><td>36.85</td><td>6.00</td><td>303</td><td>56</td><td>PEAK</td></tr></table>    |             |              |             |        |        |                                                                                      | Limit | Read   | Ant | Cable | Preamp  | Aux | APos | TPos |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor |  |  | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2494.96 | 50.36 | 74.00 | -23.64 | 41.26 | 32.60 | 7.35 | 36.85 | 6.00 | 303 | 56 | PEAK    | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2478.00</td><td>97.33</td><td>-----</td><td>-----</td><td>88.26</td><td>32.60</td><td>7.32</td><td>36.85</td><td>6.00</td><td>303</td><td>56</td><td>PEAK</td></tr></table>    |  |  |  |  |  |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor |  |  | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2478.00 | 97.33 | ----- | ----- | 88.26 | 32.60 | 7.32 | 36.85 | 6.00 | 303 | 56 |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Read        | Ant          | Cable       | Preamp | Aux    | APos                                                                                 | TPos  |        |     |       |         |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Line Margin | Level Factor | Loss Factor | Factor | Factor |                                                                                      |       | Remark |     |       |         |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dBuV/m      | dBuV/m       | dB          | dBuV   | dB/m   | dB                                                                                   | dB    | cm     | deg |       |         |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |
| 1    | 2494.96                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 50.36       | 74.00        | -23.64      | 41.26  | 32.60  | 7.35                                                                                 | 36.85 | 6.00   | 303 | 56    | PEAK    |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Read        | Ant          | Cable       | Preamp | Aux    | APos                                                                                 | TPos  |        |     |       |         |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Line Margin | Level Factor | Loss Factor | Factor | Factor |                                                                                      |       | Remark |     |       |         |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dBuV/m      | dBuV/m       | dB          | dBuV   | dB/m   | dB                                                                                   | dB    | cm     | deg |       |         |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |
| 1    | 2478.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 97.33       | -----        | -----       | 88.26  | 32.60  | 7.32                                                                                 | 36.85 | 6.00   | 303 | 56    | PEAK    |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |
| Avg  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |              |             |        |        |  |       |        |     |       |         |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |
|      | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2485.24</td><td>40.48</td><td>54.00</td><td>-13.52</td><td>31.40</td><td>32.60</td><td>7.33</td><td>36.85</td><td>6.00</td><td>303</td><td>56</td><td>AVERAGE</td></tr></table> |             |              |             |        |        |                                                                                      | Limit | Read   | Ant | Cable | Preamp  | Aux | APos | TPos |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor |  |  | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2485.24 | 40.48 | 54.00 | -13.52 | 31.40 | 32.60 | 7.33 | 36.85 | 6.00 | 303 | 56 | AVERAGE | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2478.00</td><td>95.32</td><td>-----</td><td>-----</td><td>86.25</td><td>32.60</td><td>7.32</td><td>36.85</td><td>6.00</td><td>303</td><td>56</td><td>AVERAGE</td></tr></table> |  |  |  |  |  |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor |  |  | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2478.00 | 95.32 | ----- | ----- | 86.25 | 32.60 | 7.32 | 36.85 | 6.00 | 303 | 56 |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Read        | Ant          | Cable       | Preamp | Aux    | APos                                                                                 | TPos  |        |     |       |         |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Line Margin | Level Factor | Loss Factor | Factor | Factor |                                                                                      |       | Remark |     |       |         |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dBuV/m      | dBuV/m       | dB          | dBuV   | dB/m   | dB                                                                                   | dB    | cm     | deg |       |         |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |
| 1    | 2485.24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 40.48       | 54.00        | -13.52      | 31.40  | 32.60  | 7.33                                                                                 | 36.85 | 6.00   | 303 | 56    | AVERAGE |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Read        | Ant          | Cable       | Preamp | Aux    | APos                                                                                 | TPos  |        |     |       |         |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Line Margin | Level Factor | Loss Factor | Factor | Factor |                                                                                      |       | Remark |     |       |         |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dBuV/m      | dBuV/m       | dB          | dBuV   | dB/m   | dB                                                                                   | dB    | cm     | deg |       |         |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |
| 1    | 2478.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 95.32       | -----        | -----       | 86.25  | 32.60  | 7.32                                                                                 | 36.85 | 6.00   | 303 | 56    | AVERAGE |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |



| Mode            | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |        |        |        |        |          |        |        |        |       |         |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |   |         |       |       |        |       |       |       |       |      |    |    |      |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|----------|--------|--------|--------|-------|---------|-----|------|------|--|------|-------|------|--------|-------|--------|------|--------|--------|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|-------|-------|-------|-------|-------|------|-----|-----|---------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|----|----|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|-------|------|-----|-------|--------|-----|------|------|--|------|-------|------|--------|-------|--------|------|--------|--------|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|----|----|------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|----|----|------|
|                 | Harmonic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |        |        |        |        |          |        |        |        |       |         |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |   |         |       |       |        |       |       |       |       |      |    |    |      |
|                 | 2400-2483.5_2400-2483.5_Bluetooth-LE_CH38_Full_2478MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |        |        |        |        |          |        |        |        |       |         |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |   |         |       |       |        |       |       |       |       |      |    |    |      |
| ANT             | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |        |        |        |        |          |        |        |        |       |         |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |   |         |       |       |        |       |       |       |       |      |    |    |      |
| Pol.            | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |        |        |        |        | Vertical |        |        |        |       |         |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |   |         |       |       |        |       |       |       |       |      |    |    |      |
| Peak<br><br>Avg |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |        |        |        |        |          |        |        |        |       |         |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |   |         |       |       |        |       |       |       |       |      |    |    |      |
|                 | <table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>4956.00</td><td>51.92</td><td>74.00</td><td>-22.08</td><td>72.55</td><td>34.56</td><td>10.44</td><td>65.63</td><td>0.00</td><td>100</td><td>234</td><td>PEAK</td></tr><tr><td>2</td><td>4956.00</td><td>46.87</td><td>54.00</td><td>-7.13</td><td>67.50</td><td>34.56</td><td>10.44</td><td>65.63</td><td>0.00</td><td>100</td><td>234</td><td>AVERAGE</td></tr><tr><td>3</td><td>5222.00</td><td>54.27</td><td>74.00</td><td>-19.73</td><td>74.58</td><td>34.66</td><td>10.73</td><td>65.70</td><td>0.00</td><td>--</td><td>--</td><td>Peak</td></tr></tbody></table> |        |        |        |        |        |          | Limit  | Read   | Ant    | Cable | Preamp  | Aux | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 4956.00 | 51.92 | 74.00 | -22.08 | 72.55 | 34.56 | 10.44 | 65.63 | 0.00 | 100 | 234 | PEAK | 2 | 4956.00 | 46.87 | 54.00 | -7.13 | 67.50 | 34.56 | 10.44 | 65.63 | 0.00 | 100 | 234 | AVERAGE | 3 | 5222.00 | 54.27 | 74.00 | -19.73 | 74.58 | 34.66 | 10.73 | 65.70 | 0.00 | -- | -- | Peak | <table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>4956.00</td><td>46.02</td><td>74.00</td><td>-27.98</td><td>66.65</td><td>34.56</td><td>10.44</td><td>65.63</td><td>0.00</td><td>--</td><td>--</td><td>PEAK</td></tr><tr><td>2</td><td>5224.00</td><td>48.44</td><td>74.00</td><td>-25.56</td><td>68.76</td><td>34.65</td><td>10.73</td><td>65.70</td><td>0.00</td><td>--</td><td>--</td><td>Peak</td></tr></tbody></table> |  |  |  |  |  |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 4956.00 | 46.02 | 74.00 | -27.98 | 66.65 | 34.56 | 10.44 | 65.63 | 0.00 | -- | -- | PEAK | 2 | 5224.00 | 48.44 | 74.00 | -25.56 | 68.76 | 34.65 | 10.73 | 65.70 | 0.00 | -- | -- | Peak |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Limit  | Read   | Ant    | Cable  | Preamp | Aux      | APos   | TPos   |        |       |         |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |   |         |       |       |        |       |       |       |       |      |    |    |      |
|                 | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Level  | Line   | Margin | Level  | Factor | Loss     | Factor | Factor | Remark |       |         |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |   |         |       |       |        |       |       |       |       |      |    |    |      |
|                 | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dBuV/m | dBuV/m | dB     | dBuV   | dB/m   | dB       | dB     | cm     | deg    |       |         |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |   |         |       |       |        |       |       |       |       |      |    |    |      |
| 1               | 4956.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 51.92  | 74.00  | -22.08 | 72.55  | 34.56  | 10.44    | 65.63  | 0.00   | 100    | 234   | PEAK    |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |   |         |       |       |        |       |       |       |       |      |    |    |      |
| 2               | 4956.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 46.87  | 54.00  | -7.13  | 67.50  | 34.56  | 10.44    | 65.63  | 0.00   | 100    | 234   | AVERAGE |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |   |         |       |       |        |       |       |       |       |      |    |    |      |
| 3               | 5222.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 54.27  | 74.00  | -19.73 | 74.58  | 34.66  | 10.73    | 65.70  | 0.00   | --     | --    | Peak    |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |   |         |       |       |        |       |       |       |       |      |    |    |      |
|                 | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Read   | Ant    | Cable  | Preamp | Aux    | APos     | TPos   |        |        |       |         |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |   |         |       |       |        |       |       |       |       |      |    |    |      |
| Freq            | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Line   | Margin | Level  | Factor | Loss   | Factor   | Factor | Remark |        |       |         |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |   |         |       |       |        |       |       |       |       |      |    |    |      |
|                 | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dBuV/m | dBuV/m | dB     | dBuV   | dB/m   | dB       | dB     | cm     | deg    |       |         |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |   |         |       |       |        |       |       |       |       |      |    |    |      |
| 1               | 4956.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 46.02  | 74.00  | -27.98 | 66.65  | 34.56  | 10.44    | 65.63  | 0.00   | --     | --    | PEAK    |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |   |         |       |       |        |       |       |       |       |      |    |    |      |
| 2               | 5224.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 48.44  | 74.00  | -25.56 | 68.76  | 34.65  | 10.73    | 65.70  | 0.00   | --     | --    | Peak    |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |   |         |       |       |        |       |       |       |       |      |    |    |      |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |        |        |        |        |          |        |        |        |       |         |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |   |         |       |       |        |       |       |       |       |      |    |    |      |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |        |        |        |        |          |        |        |        |       |         |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |    |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |    |    |      |   |         |       |       |        |       |       |       |       |      |    |    |      |

Note: For all plots above, the over limit line signals are Fundamental signal which can be ignored.



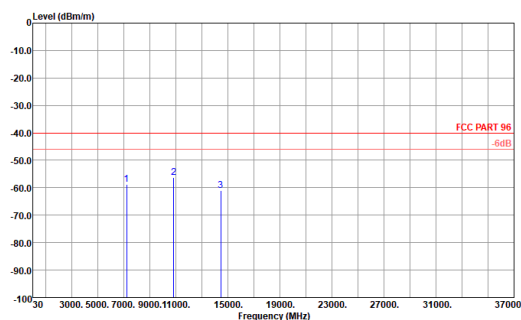
| LTE Band 48 / 20MHz / QPSK / Ant.5 |                   |              |               |                   |                    |                      |                       |                    |
|------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                            | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                             | 7231              | -58.82       | -40           | -18.82            | -70.28             | 2.84                 | 14.30                 | H                  |
|                                    | 10850             | -56.40       | -40           | -16.40            | -66.34             | 3.49                 | 13.43                 | H                  |
|                                    | 14469             | -61.02       | -40           | -21.02            | -71.26             | 3.85                 | 14.09                 | H                  |
|                                    | 7231              | -60.93       | -40           | -20.93            | -72.39             | 2.84                 | 14.30                 | V                  |
|                                    | 10850             | -49.88       | -40           | -9.88             | -59.82             | 3.49                 | 13.43                 | V                  |
|                                    | 14469             | -57.38       | -40           | -17.38            | -67.62             | 3.85                 | 14.09                 | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

## Part 96\_ LTE Band 48

## ANT 5

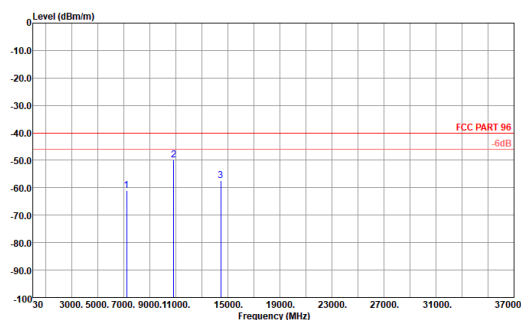
## Horizontal



Site : 03CH04-KS  
Condition : FCC PART 96 3m HF PART 22/24/27 HORIZONTAL

|   | Freq     | Level  | Over   | Limit  | Read   | Pol/Phase  |
|---|----------|--------|--------|--------|--------|------------|
|   | MHz      | dBm/m  | Limit  | Line   | Level  |            |
|   |          |        | dB     | dBm/m  | dBm    |            |
| 1 | 7231.00  | -58.82 | -18.82 | -40.00 | -53.06 | HORIZONTAL |
| 2 | 10850.00 | -56.40 | -16.40 | -40.00 | -57.88 | HORIZONTAL |
| 3 | 14469.00 | -61.02 | -21.02 | -40.00 | -65.52 | HORIZONTAL |

## Vertical



Site : 03CH04-KS  
Condition : FCC PART 96 3m HF PART 22/24/27 VERTICAL

|   | Freq     | Level  | Over   | Limit  | Read   | Pol/Phase |
|---|----------|--------|--------|--------|--------|-----------|
|   | MHz      | dBm/m  | Limit  | Line   | Level  |           |
|   |          |        | dB     | dBm/m  | dBm    |           |
| 1 | 7231.00  | -60.93 | -20.93 | -40.00 | -55.14 | VERTICAL  |
| 2 | 10850.00 | -49.88 | -9.88  | -40.00 | -51.26 | VERTICAL  |
| 3 | 14469.00 | -57.38 | -17.38 | -40.00 | -61.87 | VERTICAL  |



## **Appendix C. Reference Report**



# FCC RF Test Report

APPLICANT : Xiaomi Communications Co., Ltd.  
EQUIPMENT : Mobile Phone  
BRAND NAME : Redmi  
MODEL NAME : 24090RA29G  
FCC ID : 2AFZZRA29G  
STANDARD : 47 CFR Part 22, 24, 27  
CLASSIFICATION : PCS Licensed Transmitter Held to Ear (PCE)  
TEST DATE(S) : Jul. 23, 2024 ~ Jul. 29, 2024

We, Sporton International Inc. (Kunshan), would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.26-2015 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (Kunshan), the test report shall not be reproduced except in full.

Jason Jia

Approved by: Jason Jia



**Sporton International Inc. (Kunshan)**

**No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300  
People's Republic of China**



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REVISION HISTORY

| REPORT NO. | VERSION | DESCRIPTION             | ISSUED DATE   |
|------------|---------|-------------------------|---------------|
| FG471506I  | Rev. 01 | Initial issue of report | Aug. 19, 2024 |
|            |         |                         |               |
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|            |         |                         |               |



## SUMMARY OF TEST RESULT

| Report Section | FCC Rule                                         | Description                                                                | Limit                               | Result | Remark                                          |
|----------------|--------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------|--------|-------------------------------------------------|
| 3.4            | §2.1046                                          | Conducted Output Power                                                     | Reporting Only                      | PASS   | -                                               |
|                | §22.913(a)(5)                                    | Effective Radiated Power<br>(5G NR n5)                                     | ERP < 7 Watt                        |        |                                                 |
|                | §24.232(c)                                       | Equivalent Isotropic Radiated Power<br>(5G NR n2)                          | EIRP < 2Watt                        |        |                                                 |
|                | §27.50(d)(4)                                     | Equivalent Isotropic Radiated Power<br>(5G NR n66)                         | EIRP < 1Watt                        |        |                                                 |
| 3.5            | §24.232(d)<br>§27.50(j)(4)                       | Peak-to-Average Ratio                                                      | <13 dB                              | PASS   | -                                               |
| 3.6            | §2.1049                                          | Occupied Bandwidth                                                         | Reporting Only                      | PASS   | -                                               |
| 3.7            | §2.1051<br>§22.917(a)<br>§24.238(a)<br>§27.53(h) | Conducted Band Edge Measurement<br>(5G NR n5)<br>(5G NR n2)<br>(5G NR n66) | < 43+10log10(P[Watts])              | PASS   | -                                               |
| 3.8            | §2.1051<br>§22.917(a)<br>§24.238(a)<br>§27.53(h) | Conducted Spurious Emission<br>(5G NR n5)<br>(5G NR n2)<br>(5G NR n66)     | < 43+10log10(P[Watts])              | PASS   | -                                               |
| 3.9            | §2.1055<br>§22.355                               | Frequency Stability<br>Temperature & Voltage                               | < 2.5 ppm for Part 22               | PASS   | -                                               |
|                | §24.235<br>§27.54                                |                                                                            | Within Authorized Band              |        |                                                 |
| 4.4            | §2.1053<br>§22.917(a)<br>§24.238(a)<br>§27.53(h) | Radiated Spurious Emission<br>(5G NR n5)<br>(5G NR n2)<br>(5G NR n66)      | < 43+10log <sub>10</sub> (P[Watts]) | PASS   | Under limit<br>33.15 dB<br>at<br>3450.00<br>MHz |

## Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty"

## Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.



# 1 General Description

## 1.1 Applicant

Xiaomi Communications Co., Ltd.

#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

## 1.2 Manufacturer

Xiaomi Communications Co., Ltd.

#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

## 1.3 Product Feature of Equipment Under Test

| Product Feature |                                                                                          |
|-----------------|------------------------------------------------------------------------------------------|
| Equipment       | Mobile Phone                                                                             |
| Brand Name      | Redmi                                                                                    |
| Model Name      | 24090RA29G                                                                               |
| FCC ID          | 2AFZZRA29G                                                                               |
| IMEI Code       | Conducted: 861793070041148/861793070041155<br>Radiation: 861793070039324/861793070039332 |
| HW Version      | 135300O16                                                                                |
| SW Version      | Xiaomi HyperOS 1.0                                                                       |
| EUT Stage       | Identical Prototype                                                                      |

## 1.4 Product Specification of Equipment Under Test

| Standards-related Product Specification |                                                                                                                                                              |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tx Frequency                            | 5G NR n2 : 1850 MHz ~ 1910 MHz<br>5G NR n5 : 824 MHz ~ 849 MHz<br>5G NR n66 : 1710 MHz ~ 1780 MHz                                                            |
| Rx Frequency                            | 5G NR n2 : 1930 MHz ~ 1990 MHz<br>5G NR n5 : 869 MHz ~ 894 MHz<br>5G NR n66 : 2110 MHz~ 2200 MHz                                                             |
| Bandwidth                               | n2, n5: 5MHz / 10MHz / 15MHz / 20MHz<br>n66: 5MHz / 10MHz / 15MHz / 20MHz / 25MHz / 30MHz / 40MHz                                                            |
| SCS                                     | 15kHz                                                                                                                                                        |
| Antenna Gain                            | <Ant. 1>:<br>n2 : -0.7 dBi<br>n5 : -4.0 dBi<br>n66 : 0.77 dBi<br><Ant. 2>:<br>n2 : -3.8 dBi<br>n66 : -5.6 dBi<br><Ant. 4>:<br>n2 : -0.7 dBi<br>n5 : -5.9 dBi |

|                           |                                                                                                 |
|---------------------------|-------------------------------------------------------------------------------------------------|
|                           | n66 : -1.0 dBi                                                                                  |
| <b>Type of Modulation</b> | CP-OFDM: QPSK / 16QAM / 64QAM / 256QAM<br>DFT-s-OFDM: PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM |

**Remark:**

1. The maximum ERP/EIRP is calculated from max output power and max antenna gain, only the maximum ERP/EIRP of ANT 1 for 5G NR n2/n5/n66 are shown in the report.
2. All the supported ENDC combinations are verified conducted power, only the ENDC combination with highest power are shown in the report.
3. 5G NR n2 only support SA mode, and n5/n66 support SA & NSA mode. According to the maximum power between SA and NSA mode, SA covers NSA mode.
4. The device supports two PAs for 5G NR n2/n66 (main PA for SA mode and other PA for NSA mode), the maximum power of main PA is higher than the other PA, therefore, we chose higher power PA to calculate the EIRP and show in the report.
5. The EN-DC mode combination could be referred to the product spec.

## 1.5 Modification of EUT

No modifications are made to the EUT during all test items.

## 1.6 Maximum ERP/EIRP and Emission Designator

| 5G NR n2 |                       | PI/2 BPSK / QPSK |                              | 16QAM / 64QAM / 256QAM |                              |
|----------|-----------------------|------------------|------------------------------|------------------------|------------------------------|
| BW (MHz) | Frequency Range (MHz) | Maximum EIRP(W)  | Emission Designator (99%OBW) | Maximum EIRP(W)        | Emission Designator (99%OBW) |
| 5        | 1852.5 ~ 1907.5       | 0.1614           | 4M48G7D                      | 0.1306                 | 4M50W7D                      |
| 10       | 1855.0 ~ 1905.0       | 0.1622           | 9M29G7D                      | 0.1377                 | 9M39W7D                      |
| 15       | 1857.5 ~ 1902.5       | 0.1611           | 14M1G7D                      | 0.1346                 | 14M1W7D                      |
| 20       | 1860.0 ~ 1900.0       | 0.1633           | 18M9G7D                      | 0.1343                 | 18M9W7D                      |

| 5G NR n5 |                       | PI/2 BPSK / QPSK |                              | 16QAM / 64QAM / 256QAM |                              |
|----------|-----------------------|------------------|------------------------------|------------------------|------------------------------|
| BW (MHz) | Frequency Range (MHz) | Maximum ERP(W)   | Emission Designator (99%OBW) | Maximum ERP(W)         | Emission Designator (99%OBW) |
| 5        | 826.5 ~ 846.5         | 0.0646           | 4M46G7D                      | 0.0537                 | 4M49W7D                      |
| 10       | 829.0 ~ 844.0         | 0.0658           | 9M26G7D                      | 0.0546                 | 9M28W7D                      |
| 15       | 831.5 ~ 841.5         | 0.0644           | 14M1G7D                      | 0.0530                 | 14M1W7D                      |
| 20       | 834.0 ~ 839.0         | 0.0678           | 18M9G7D                      | 0.0541                 | 18M9W7D                      |



| 5G NR n66 |                       | PI/2 BPSK / QPSK |                              | 16QAM / 64QAM / 256QAM |                              |
|-----------|-----------------------|------------------|------------------------------|------------------------|------------------------------|
| BW (MHz)  | Frequency Range (MHz) | Maximum EIRP(W)  | Emission Designator (99%OBW) | Maximum EIRP(W)        | Emission Designator (99%OBW) |
| 5         | 1712.5 ~ 1777.5       | 0.2985           | 4M47G7D                      | 0.2483                 | 4M48W7D                      |
| 10        | 1715.0 ~ 1775.0       | 0.2999           | 9M26G7D                      | 0.2518                 | 9M29W7D                      |
| 15        | 1717.5 ~ 1772.5       | 0.2972           | 14M1G7D                      | 0.2495                 | 14M1W7D                      |
| 20        | 1720.0 ~ 1770.0       | 0.3013           | 18M9G7D                      | 0.2523                 | 19M0W7D                      |
| 25        | 1722.5 ~ 1767.5       | 0.2958           | 23M8G7D                      | 0.2421                 | 23M8W7D                      |
| 30        | 1725.0 ~ 1765.0       | 0.2965           | 28M7G7D                      | 0.2483                 | 28M6W7D                      |
| 40        | 1730.0 ~ 1760.0       | 0.3141           | 38M6G7D                      | 0.2443                 | 38M6W7D                      |

**Note:** All modulations have been tested, only the worst test results of PSK & QAM are shown in the report.

## 1.7 Testing Location

Sporton International Inc. (Kunshan) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

|                    |                                                                                                                                                |                     |                                |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------|
| Test Firm          | Sporton International Inc. (Kunshan)                                                                                                           |                     |                                |
| Test Site Location | No. 1098, Pengxi North Road, Kunshan Economic Development Zone<br>Jiangsu Province 215300 People's Republic of China<br>TEL : +86-512-57900158 |                     |                                |
| Test Site No.      | Sporton Site No.                                                                                                                               | FCC Designation No. | FCC Test Firm Registration No. |
|                    | 03CH04-KS<br>TH01-KS                                                                                                                           | CN1257              | 314309                         |

## 1.8 Test Software

| Item | Site      | Manufacture | Name                                 | Version |
|------|-----------|-------------|--------------------------------------|---------|
| 1.   | TH01-KS   | Tonscend    | JS1120-3 test system<br>China_210602 | 3.3.10  |
| 2.   | 03CH04-KS | AUDIX       | E3                                   | 210616  |



## 1.9 Applicable Standards

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

- ♦ 47 CFR Part 22, 24, 27
- ♦ ANSI C63.26-2015
- ♦ FCC KDB 971168 D01 Power Meas License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01

**Remark:**

All test items were verified and recorded according to the standards and without any deviation during the test.



## 2 Test Configuration of Equipment Under Test

### 2.1 Test Mode

Antenna port conducted and radiated test items are performed according to KDB 971168 D01 Power Meas License Digital Systems v03r01 with maximum output power.

For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Z plane) were recorded in this report.

The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.

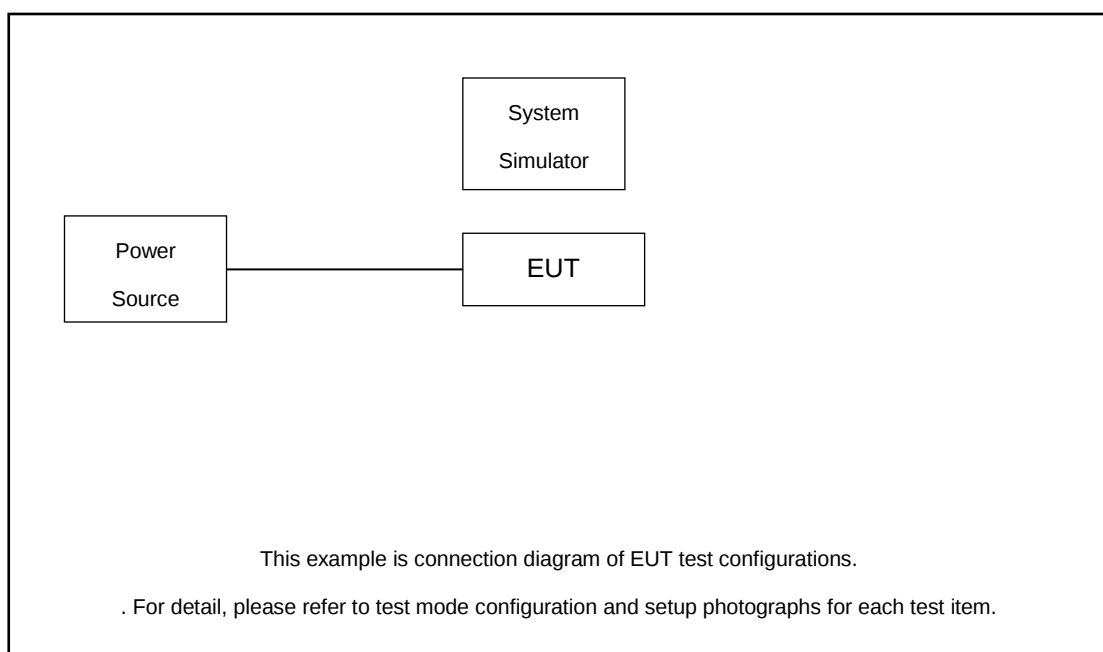
| Orthogonal<br>Planes of EUT | X Plane | Y Plane | Z Plane |
|-----------------------------|---------|---------|---------|
|                             |         |         |         |

| Test Items                  | 5G NR | Bandwidth (MHz) |    |    |    |    |    |    |    |    |    |    |    |     |           | Modulation |        |        |         |   | RB # |   | Test Channel |   |  |
|-----------------------------|-------|-----------------|----|----|----|----|----|----|----|----|----|----|----|-----|-----------|------------|--------|--------|---------|---|------|---|--------------|---|--|
|                             |       | 5               | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | Pl/2 BPSK | QPSK       | 16 QAM | 64 QAM | 256 QAM | 1 | Full | L | M            | H |  |
| Max. Output Power           | n2    | v               | v  | v  | v  | -  | -  | -  | -  | -  | -  | -  | -  | -   | v         | v          | v      | v      | v       | v | v    | v | v            |   |  |
|                             | n5    | v               | v  | v  | v  | -  | -  | -  | -  | -  | -  | -  | -  | -   | v         | v          | v      | v      | v       | v | v    | v | v            |   |  |
|                             | n66   | v               | v  | v  | v  | v  | v  | v  | -  | -  | -  | -  | -  | -   | v         | v          | v      | v      | v       | v | v    | v | v            |   |  |
| Peak-to-Average Ratio       | n2    |                 |    |    | v  | -  | -  | -  | -  | -  | -  | -  | -  | -   | v         | v          |        |        |         | v | v    |   | v            |   |  |
|                             | n5    |                 |    |    | v  | -  | -  | -  | -  | -  | -  | -  | -  | -   | v         | v          |        |        |         | v | v    |   | v            |   |  |
|                             | n66   |                 |    |    | v  |    |    |    | -  | -  | -  | -  | -  | -   | v         | v          |        |        |         | v | v    |   | v            |   |  |
| 26dB and 99% Bandwidth      | n2    | v               | v  | v  | v  | -  | -  | -  | -  | -  | -  | -  | -  | -   |           | v          | v      | v      | v       |   | v    |   | v            |   |  |
|                             | n5    | v               | v  | v  | v  | -  | -  | -  | -  | -  | -  | -  | -  | -   |           | v          | v      | v      | v       |   | v    |   | v            |   |  |
|                             | n66   | v               | v  | v  | v  | v  | v  | v  | -  | -  | -  | -  | -  | -   |           | v          | v      | v      | v       |   | v    |   | v            |   |  |
| Conducted Band Edge         | n2    | v               |    | v  | v  | -  | -  | -  | -  | -  | -  | -  | -  | -   | v         | v          |        |        |         | v | v    | v |              | v |  |
|                             | n5    | v               |    | v  | v  | -  | -  | -  | -  | -  | -  | -  | -  | -   | v         | v          |        |        |         | v | v    | v |              | v |  |
|                             | n66   | v               |    |    | v  |    |    | v  | -  | -  | -  | -  | -  | -   | v         | v          |        |        |         | v | v    | v |              | v |  |
| Conducted Spurious Emission | n2    | v               |    | v  | v  | -  | -  | -  | -  | -  | -  | -  | -  | -   | v         | v          |        |        |         | v |      | v | v            | v |  |
|                             | n5    | v               |    | v  | v  | -  | -  | -  | -  | -  | -  | -  | -  | -   | v         | v          |        |        |         | v |      | v | v            | v |  |
|                             | n66   | v               |    |    | v  |    |    | v  | -  | -  | -  | -  | -  | -   | v         | v          |        |        |         | v |      | v | v            | v |  |
| Frequency Stability         | n2    |                 |    |    | v  | -  | -  | -  | -  | -  | -  | -  | -  | -   |           | v          |        |        |         |   | v    |   | v            |   |  |
|                             | n5    |                 |    |    | v  | -  | -  | -  | -  | -  | -  | -  | -  | -   |           | v          |        |        |         |   | v    |   | v            |   |  |
|                             | n66   |                 |    |    | v  |    |    |    | -  | -  | -  | -  | -  | -   |           | v          |        |        |         |   | v    |   | v            |   |  |
| E.R.P / E.I.R.P             | n2    | v               | v  | v  | v  | -  | -  | -  | -  | -  | -  | -  | -  | -   | v         | v          | v      | v      | v       | v | v    | v | v            |   |  |
|                             | n5    | v               | v  | v  | v  | -  | -  | -  | -  | -  | -  | -  | -  | -   | v         | v          | v      | v      | v       | v | v    | v | v            |   |  |
|                             | n66   | v               | v  | v  | v  | v  | v  | v  | -  | -  | -  | -  | -  | -   | v         | v          | v      | v      | v       | v | v    | v | v            |   |  |



| Test Items                 | 5G NR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Bandwidth (MHz) |    |    |    |    |    |    |    |    |    |    |    |     | Modulation |      |        |        |         | RB # |      | Test Channel |   |   |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----|----|----|----|----|----|----|----|----|----|----|-----|------------|------|--------|--------|---------|------|------|--------------|---|---|
|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5               | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | PI/2 BPSK  | QPSK | 16 QAM | 64 QAM | 256 QAM | 1    | Full | L            | M | H |
| Radiated Spurious Emission | n2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Worst Case      |    |    |    |    |    |    |    |    |    |    |    |     |            |      |        |        |         |      |      |              | v |   |
|                            | n5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Worst Case      |    |    |    |    |    |    |    |    |    |    |    |     |            |      |        |        |         |      |      |              | v |   |
|                            | n66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Worst Case      |    |    |    |    |    |    |    |    |    |    |    |     |            |      |        |        |         |      |      |              | v |   |
| Note                       | <div>1. The mark “<b>v</b> “ means that this configuration is chosen for testing</div> <div>2. The mark “-“ means that this bandwidth is not supported.</div> <div>3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.</div> <div>4. Frequency Stability : Normal Voltage = 3.91V ; Low Voltage =3.60V. ; High Voltage =4.30V</div> |                 |    |    |    |    |    |    |    |    |    |    |    |     |            |      |        |        |         |      |      |              |   |   |

## 2.2 Connection Diagram of Test System



The EUT has been configuration operated in a manner tended to maximize its emission characteristics in a typical application.

## 2.3 Support Unit used in test configuration and system

| Item | Equipment        | Trade Name | Model No. | FCC ID | Data Cable | Power Cord        |
|------|------------------|------------|-----------|--------|------------|-------------------|
| 1.   | DC Power Supply  | GW         | GPS-3030D | N/A    | N/A        | Unshielded, 1.8 m |
| 2.   | LTE Base Station | Anritsu    | MT8821C   | N/A    | N/A        | Unshielded, 1.8 m |
| 3.   | NR Base Station  | Anritsu    | MT8000A   | N/A    | N/A        | Unshielded, 1.8 m |

## 2.4 Measurement Results Explanation Example

### For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

*Offset = RF cable loss + attenuator factor.*

Following shows an offset computation example with cable loss 5.6 dB and 20dB attenuator.

Example :

$$\begin{aligned} \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)}. \\ &= 5.6 + 20 = 25.6 \text{ (dB)} \end{aligned}$$

## 2.5 Frequency List of Low/Middle/High Channels

| 5G NR n2 Channel and Frequency List |                        |        |        |         |
|-------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                            | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20                                  | Channel                | 372000 | 376000 | 380000  |
|                                     | Frequency              | 1860   | 1880   | 1900    |
| 15                                  | Channel                | 371500 | 376000 | 380500  |
|                                     | Frequency              | 1857.5 | 1880   | 1902.5  |
| 10                                  | Channel                | 371000 | 376000 | 381000  |
|                                     | Frequency              | 1855   | 1880   | 1905    |
| 5                                   | Channel                | 370500 | 376000 | 381500  |
|                                     | Frequency              | 1852.5 | 1880   | 1907.5  |

| 5G NR n5 Channel and Frequency List |                        |        |        |         |
|-------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                            | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20                                  | Channel                | 166800 | 167300 | 167800  |
|                                     | Frequency              | 834    | 836.5  | 839     |
| 15                                  | Channel                | 166300 | 167300 | 168300  |
|                                     | Frequency              | 831.5  | 836.5  | 841.5   |
| 10                                  | Channel                | 165800 | 167300 | 168800  |
|                                     | Frequency              | 829    | 836.5  | 844     |
| 5                                   | Channel                | 165300 | 167300 | 169300  |
|                                     | Frequency              | 826.5  | 836.5  | 846.5   |



| 5G NR n66 Channel and Frequency List |                        |        |        |         |
|--------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                             | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 40                                   | Channel                | 346000 | 349000 | 352000  |
|                                      | Frequency              | 1730   | 1745   | 1760    |
| 30                                   | Channel                | 345000 | 349000 | 353000  |
|                                      | Frequency              | 1725   | 1745   | 1765    |
| 25                                   | Channel                | 344500 | 349000 | 353500  |
|                                      | Frequency              | 1722.5 | 1745   | 1767.5  |
| 20                                   | Channel                | 344000 | 349000 | 354000  |
|                                      | Frequency              | 1720   | 1745   | 1770    |
| 15                                   | Channel                | 343500 | 349000 | 354500  |
|                                      | Frequency              | 1717.5 | 1745   | 1772.5  |
| 10                                   | Channel                | 343000 | 349000 | 355000  |
|                                      | Frequency              | 1715   | 1745   | 1775    |
| 5                                    | Channel                | 342500 | 349000 | 355500  |
|                                      | Frequency              | 1712.5 | 1745   | 1777.5  |

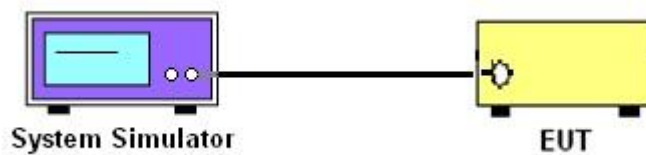
### 3 Conducted Test Items

#### 3.1 Measuring Instruments

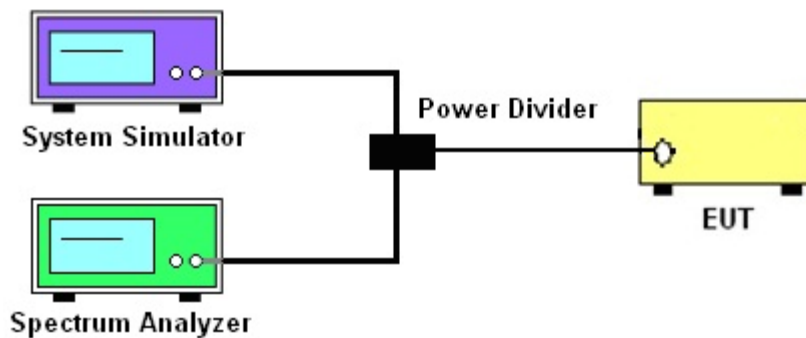
See list of measuring instruments of this test report.

#### 3.2 Test Setup

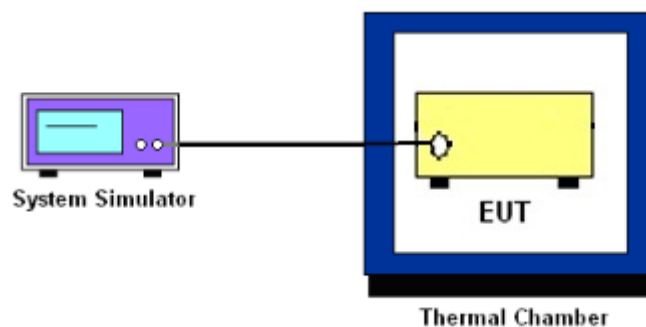
##### 3.2.1 Conducted Output Power



##### 3.2.2 Peak-to-Average Ratio, Occupied Bandwidth ,Conducted Band-Edge and Conducted Spurious Emission



##### 3.2.3 Frequency Stability



### 3.3 Test Result of Conducted Test

Please refer to Appendix A.



### **3.4 Conducted Output Power and ERP/EIRP**

#### **3.4.1 Description of the Conducted Output Power Measurement and ERP/EIRP Measurement**

A system simulator was used to establish communication with the EUT. Its parameters were set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

The ERP of mobile transmitters must not exceed 7 Watts for 5G NR n5.

The EIRP of mobile transmitters must not exceed 2 Watts for 5G NR n2.

The EIRP of mobile transmitters must not exceed 1 Watts for 5G NR n66.

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T - L_C$ ,  $ERP = EIRP - 2.15$ , where

$P_T$  = transmitter output power in dBm

$G_T$  = gain of the transmitting antenna in dBi

$L_C$  = signal attenuation in the connecting cable between the transmitter and antenna in dB

#### **3.4.2 Test Procedures**

1. The testing follows ANSI C63.26 Section 5.2
2. The transmitter output port was connected to the system simulator.
3. Set EUT at maximum power through the system simulator.
4. Select lowest, middle, and highest channels for each band and different modulation.
5. Measure and record the power level from the system simulator.

## 3.5 Peak-to-Average Ratio

### 3.5.1 Description of the PAR Measurement

Power Complementary Cumulative Distribution Function (CCDF) curves provide a means for characterizing the power peaks of a digitally modulated signal on a statistical basis. A CCDF curve depicts the probability of the peak signal amplitude exceeding the average power level. Most contemporary measurement instrumentation include the capability to produce CCDF curves for an input signal provided that the instrument's resolution bandwidth can be set wide enough to accommodate the entire input signal bandwidth. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

### 3.5.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.2.3.4 (CCDF).
2. The EUT was connected to spectrum and system simulator via a power divider.
3. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
4. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
5. Record the deviation as Peak to Average Ratio.

## 3.6 Occupied Bandwidth

### 3.6.1 Description of Occupied Bandwidth Measurement

The occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

### 3.6.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.4
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
4. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
5. Set the detection mode to peak, and the trace mode to max hold.
6. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace.  
(this is the reference value)
7. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
8. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “-X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
9. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.

## 3.7 Conducted Band Edge

### 3.7.1 Description of Conducted Band Edge Measurement

22.917(a)

For operations in the 824 – 849 MHz band, the FCC limit is  $43 + 10\log_{10}(P[\text{Watts}])$  dB below the transmitter power  $P(\text{Watts})$  in a 100kHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

24.238 (a)

For operations in the 1850-1910 and 1930-1990 MHz band, the FCC limit is  $43 + 10\log_{10}(P[\text{Watts}])$  dB below the transmitter power  $P(\text{Watts})$  in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

27.53 (h)

For operations in the 1710 – 1755 MHz band, the FCC limit is  $43 + 10\log_{10}(P[\text{Watts}])$  dB below the transmitter power  $P(\text{Watts})$  in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

### 3.7.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The band edges of low and high channels for the highest RF powers were measured.
4. Set RBW  $\geq$  1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
5. Beyond the 1 MHz band from the band edge, RBW=1MHz was used or a narrower RBW was used (generally limited to no less than 1% of the OBW) and the measured power was integrated over the full required measurement bandwidth.
6. Set spectrum analyzer with RMS detector.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. Checked that all the results comply with the emission limit line.

Example:

The limit line is derived from  $43 + 10\log(P)$ dB below the transmitter power P(Watts)

$$= P(W) - [43 + 10\log(P)] \text{ (dB)}$$

$$= [30 + 10\log(P)] \text{ (dBm)} - [43 + 10\log(P)] \text{ (dB)} = -13\text{dBm}.$$

9. When using the integration method, the starting frequency of the integration shall be centered at one-half of the RBW away from the band edge.

## 3.8 Conducted Spurious Emission

### 3.8.1 Description of Conducted Spurious Emission Measurement

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least  $43 + 10 \log (P)$  dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10<sup>th</sup> harmonic.

### 3.8.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. 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.
4. The middle channel for the highest RF power within the transmitting frequency was measured.
5. The conducted spurious emission for the whole frequency range was taken.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
7. Set spectrum analyzer with RMS detector.
8. Taking the record of maximum spurious emission.
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
10. The limit line is derived from  $43 + 10\log(P)$ dB below the transmitter power P(Watts)  
 $= P(W) - [43 + 10\log(P)]$  (dB)  
 $= [30 + 10\log(P)]$  (dBm) -  $[43 + 10\log(P)]$  (dB)  
 $= -13$ dBm.

### 3.9 Frequency Stability

#### 3.9.1 Description of Frequency Stability Measurement

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within  $\pm 0.00025\%$  ( $\pm 2.5\text{ppm}$ ) of the center frequency.

#### 3.9.2 Test Procedures for Temperature Variation

1. The testing follows ANSI C63.26 section 5.6.4
2. The EUT was set up in the thermal chamber and connected with the system simulator.
3. With power OFF, the temperature was decreased to  $-30^{\circ}\text{C}$  and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
4. With power OFF, the temperature was raised in  $10^{\circ}\text{C}$  step up to  $50^{\circ}\text{C}$ . The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

#### 3.9.3 Test Procedures for Voltage Variation

1. The testing follows ANSI C63.26 section 5.6.5
2. The EUT was placed in a temperature chamber at  $20\pm 5^{\circ}\text{C}$  and connected with the system simulator.
3. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value for other than hand carried battery equipment.
4. For hand carried, battery powered equipment, reduce the primary ac or dc supply voltage to the battery operating end point, which shall be specified by the manufacturer.
5. The variation in frequency was measured for the worst case.

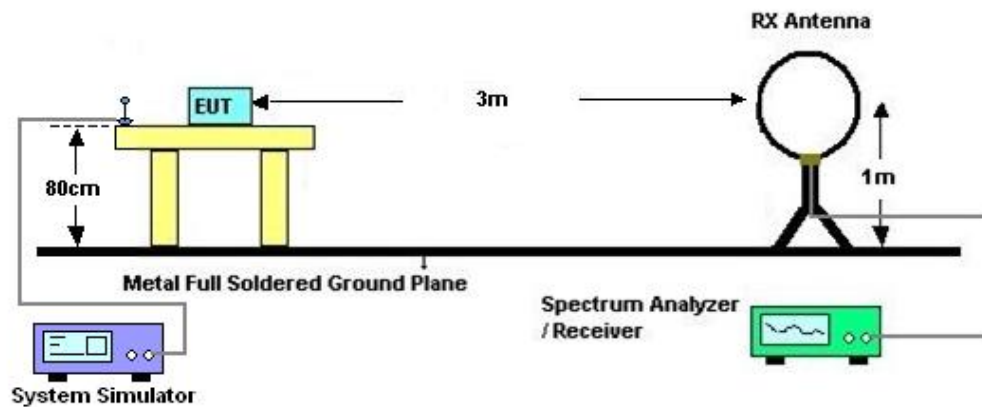
## 4 Radiated Test Items

### 4.1 Measuring Instruments

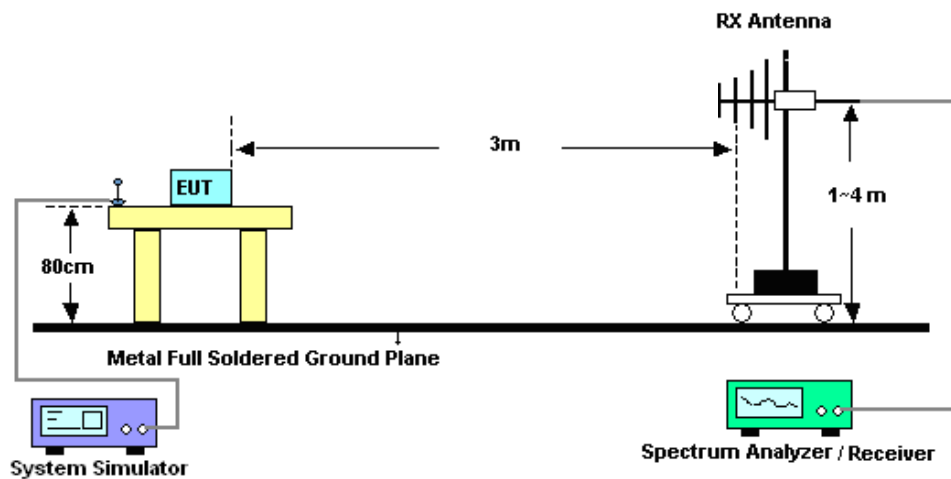
See list of measuring instruments of this test report.

### 4.2 Test Setup

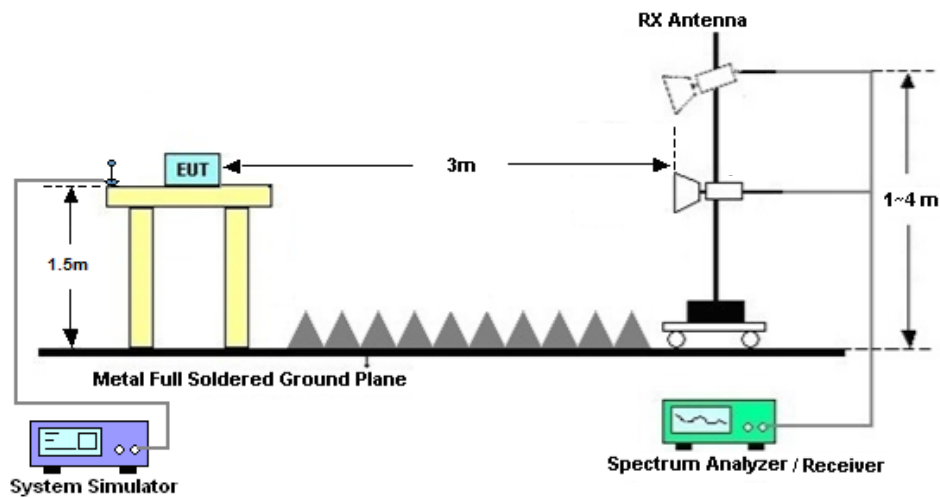
#### 4.2.1 For radiated test below 30MHz



#### 4.2.2 For radiated test from 30MHz to 1GHz



#### 4.2.3 For radiated test above 1GHz



#### 4.3 Test Result of Radiated Test

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.

Please refer to Appendix B.

## 4.4 Radiated Spurious Emission

### 4.4.1 Description of Radiated Spurious Emission

The radiated spurious emission was measured by substitution method according to ANSI C63.26. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least  $43 + 10 \log (P)$  dB.

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

### 4.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.5
2. The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
6. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
7. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
8. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
9. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
10.  $EIRP \text{ (dBm)} = S.G. \text{ Power} - Tx \text{ Cable Loss} + Tx \text{ Antenna Gain}$
11.  $ERP \text{ (dBm)} = EIRP - 2.15$
12. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

The limit line is derived from  $43 + 10\log(P)$ dB below the transmitter power P(Watts)  
 $= P(W) - [43 + 10\log(P)] \text{ (dB)}$   
 $= [30 + 10\log(P)] \text{ (dBm)} - [43 + 10\log(P)] \text{ (dB)}$   
 $= -13\text{dBm}.$



## 5 List of Measuring Equipment

| Instrument                     | Manufacturer | Model No.     | Serial No.  | Characteristics         | Calibration Date | Test Date                       | Due Date      | Remark                |
|--------------------------------|--------------|---------------|-------------|-------------------------|------------------|---------------------------------|---------------|-----------------------|
| Spectrum Analyzer              | R&S          | FSV40         | 101040      | 10Hz~40GHz              | Oct. 11, 2023    | Jul. 25, 2024~<br>Jul. 29, 2024 | Oct. 10, 2024 | Conducted (TH01-KS)   |
| Power divider                  | STI          | STI08-0055    | -           | 0.5~40GHz               | NCR              | Jul. 25, 2024~<br>Jul. 29, 2024 | NCR           | Conducted (TH01-KS)   |
| Temperature & humidity chamber | Hongzhan     | LP-150U       | H2014011440 | -40~+150°C<br>20%~95%RH | Jul. 04, 2024    | Jul. 25, 2024~<br>Jul. 29, 2024 | Jul. 03, 2025 | Conducted (TH01-KS)   |
| EXA Spectrum Analyzer          | Keysight     | N9010B        | MY57471079  | 10Hz-44G,MAX<br>30dB    | Oct. 11, 2023    | Jul. 23, 2024                   | Oct. 10, 2024 | Radiation (03CH04-KS) |
| Loop Antenna                   | R&S          | HFH2-Z2E      | 101125      | 9kHz~30MHz              | Sep. 11 2023     | Jul. 23, 2024                   | Sep. 10, 2024 | Radiation (03CH04-KS) |
| Bilog Antenna                  | TeseQ        | CBL6111D      | 59913       | 30MHz-1GHz              | Aug. 19, 2023    | Jul. 23, 2024                   | Aug. 18, 2024 | Radiation (03CH04-KS) |
| Double Ridge Horn Antenna      | ETS-Lindgren | 3117          | 75957       | 1GHz~18GHz              | Oct. 23, 2023    | Jul. 23, 2024                   | Oct. 22, 2024 | Radiation (03CH04-KS) |
| SHF-EHF Horn                   | Com-power    | AH-840        | 101070      | 18GHz~40GHz             | Jan. 27, 2024    | Jul. 23, 2024                   | Jan. 26, 2025 | Radiation (03CH04-KS) |
| Amplifier                      | SONOMA       | 310N          | 413740      | 9KHz-1GHz               | Jan. 03, 2024    | Jul. 23, 2024                   | Jan. 02, 2025 | Radiation (03CH04-KS) |
| high gain Amplifier            | EM           | EM01G18G<br>A | 060840      | 1Ghz-18Ghz              | Oct. 11, 2023    | Jul. 23, 2024                   | Oct. 10, 2024 | Radiation (03CH04-KS) |
| Amplifier                      | EM           | EM18G40G<br>A | 060728      | 18~40GHz                | Jan. 02, 2024    | Jul. 23, 2024                   | Jan. 01, 2025 | Radiation (03CH04-KS) |
| AC Power Source                | Chroma       | 61601         | F104090004  | N/A                     | NCR              | Jul. 23, 2024                   | NCR           | Radiation (03CH04-KS) |
| Turn Table                     | ChamPro      | EM 1000-T     | 060762-T    | 0~360 degree            | NCR              | Jul. 23, 2024                   | NCR           | Radiation (03CH04-KS) |
| Antenna Mast                   | ChamPro      | EM 1000-A     | 060762-A    | 1 m~4 m                 | NCR              | Jul. 23, 2024                   | NCR           | Radiation (03CH04-KS) |

NCR: No Calibration Required

## 6 Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.26-2015. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

### Uncertainty of Conducted Measurement

|                                        |          |
|----------------------------------------|----------|
| Conducted Spurious Emission & Bandedge | ±2.26 dB |
| Occupied Channel Bandwidth             | ±0.1%    |
| Conducted Power                        | ±0.46 dB |
| Peak to Average Ratio                  | ±0.46 dB |
| Frequency Stability                    | ±0.4 Hz  |

### Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

|                                                                     |         |
|---------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 2.83 dB |
|---------------------------------------------------------------------|---------|

### Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

|                                                                     |         |
|---------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 2.83 dB |
|---------------------------------------------------------------------|---------|

### Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

|                                                                     |         |
|---------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 2.82 dB |
|---------------------------------------------------------------------|---------|

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



## Appendix A. Test Results of Conducted Test

|                 |            |                     |         |
|-----------------|------------|---------------------|---------|
| Test Engineer : | Smile Wang | Temperature :       | 22~23°C |
|                 |            | Relative Humidity : | 40~42%  |



## FR1 N2-SCS 15k (Main PA\_ANT 1)

Transmitter Conducted Output Power And EIRP, ( $G_T - L_C$ )=-0.7dBi

| NR Band | SCS | BandWidth | Arfcn  | Freq(MHz) | Modulation           | RB    | Conducted Power(dBm) | EIRP(dBm) | EIRP(W) |
|---------|-----|-----------|--------|-----------|----------------------|-------|----------------------|-----------|---------|
| 2       | 15  | 20        | 372000 | 1860      | DFT-s-OFDM PI/2 BPSK | 50@25 | 22.83                | 22.13     | 0.1633  |
| 2       | 15  | 20        | 372000 | 1860      | DFT-s-OFDM PI/2 BPSK | 1@1   | 22.72                | 22.02     | 0.1592  |
| 2       | 15  | 20        | 372000 | 1860      | DFT-s-OFDM PI/2 BPSK | 1@104 | 22.7                 | 22        | 0.1585  |
| 2       | 15  | 20        | 372000 | 1860      | DFT-s-OFDM QPSK      | 50@25 | 22.79                | 22.09     | 0.1618  |
| 2       | 15  | 20        | 372000 | 1860      | DFT-s-OFDM QPSK      | 1@1   | 22.56                | 21.86     | 0.1535  |
| 2       | 15  | 20        | 372000 | 1860      | DFT-s-OFDM QPSK      | 1@104 | 22.64                | 21.94     | 0.1563  |
| 2       | 15  | 20        | 372000 | 1860      | DFT-s-OFDM 16 QAM    | 50@25 | 21.76                | 21.06     | 0.1276  |
| 2       | 15  | 20        | 372000 | 1860      | DFT-s-OFDM 16 QAM    | 1@1   | 21.98                | 21.28     | 0.1343  |
| 2       | 15  | 20        | 372000 | 1860      | DFT-s-OFDM 16 QAM    | 1@104 | 21.88                | 21.18     | 0.1312  |
| 2       | 15  | 20        | 372000 | 1860      | DFT-s-OFDM 64 QAM    | 50@25 | 20.28                | 19.58     | 0.0908  |
| 2       | 15  | 20        | 372000 | 1860      | DFT-s-OFDM 64 QAM    | 1@1   | 20.48                | 19.78     | 0.0951  |
| 2       | 15  | 20        | 372000 | 1860      | DFT-s-OFDM 64 QAM    | 1@104 | 20.38                | 19.68     | 0.0929  |
| 2       | 15  | 20        | 372000 | 1860      | DFT-s-OFDM 256 QAM   | 50@25 | 18.31                | 17.61     | 0.0577  |
| 2       | 15  | 20        | 372000 | 1860      | DFT-s-OFDM 256 QAM   | 1@1   | 18.22                | 17.52     | 0.0565  |
| 2       | 15  | 20        | 372000 | 1860      | DFT-s-OFDM 256 QAM   | 1@104 | 18.22                | 17.52     | 0.0565  |
| 2       | 15  | 20        | 372000 | 1860      | CP-OFDM QPSK         | 53@26 | 21.28                | 20.58     | 0.1143  |
| 2       | 15  | 20        | 372000 | 1860      | CP-OFDM QPSK         | 1@1   | 21.11                | 20.41     | 0.1099  |
| 2       | 15  | 20        | 372000 | 1860      | CP-OFDM QPSK         | 1@104 | 21.09                | 20.39     | 0.1094  |
| 2       | 15  | 20        | 376000 | 1880      | DFT-s-OFDM PI/2 BPSK | 50@25 | 22.78                | 22.08     | 0.1614  |
| 2       | 15  | 20        | 376000 | 1880      | DFT-s-OFDM PI/2 BPSK | 1@1   | 22.67                | 21.97     | 0.1574  |
| 2       | 15  | 20        | 376000 | 1880      | DFT-s-OFDM PI/2 BPSK | 1@104 | 22.56                | 21.86     | 0.1535  |
| 2       | 15  | 20        | 376000 | 1880      | DFT-s-OFDM QPSK      | 50@25 | 22.75                | 22.05     | 0.1603  |
| 2       | 15  | 20        | 376000 | 1880      | DFT-s-OFDM QPSK      | 1@1   | 22.62                | 21.92     | 0.1556  |
| 2       | 15  | 20        | 376000 | 1880      | DFT-s-OFDM QPSK      | 1@104 | 22.45                | 21.75     | 0.1496  |
| 2       | 15  | 20        | 376000 | 1880      | DFT-s-OFDM 16 QAM    | 50@25 | 21.75                | 21.05     | 0.1274  |
| 2       | 15  | 20        | 376000 | 1880      | DFT-s-OFDM 16 QAM    | 1@1   | 21.83                | 21.13     | 0.1297  |
| 2       | 15  | 20        | 376000 | 1880      | DFT-s-OFDM 16 QAM    | 1@104 | 21.77                | 21.07     | 0.1279  |
| 2       | 15  | 20        | 376000 | 1880      | DFT-s-OFDM 64 QAM    | 50@25 | 20.25                | 19.55     | 0.0902  |
| 2       | 15  | 20        | 376000 | 1880      | DFT-s-OFDM 64 QAM    | 1@1   | 20.38                | 19.68     | 0.0929  |
| 2       | 15  | 20        | 376000 | 1880      | DFT-s-OFDM 64 QAM    | 1@104 | 20.34                | 19.64     | 0.0920  |
| 2       | 15  | 20        | 376000 | 1880      | DFT-s-OFDM 256 QAM   | 50@25 | 18.27                | 17.57     | 0.0571  |
| 2       | 15  | 20        | 376000 | 1880      | DFT-s-OFDM 256 QAM   | 1@1   | 18.07                | 17.37     | 0.0546  |
| 2       | 15  | 20        | 376000 | 1880      | DFT-s-OFDM 256 QAM   | 1@104 | 17.98                | 17.28     | 0.0535  |
| 2       | 15  | 20        | 376000 | 1880      | CP-OFDM QPSK         | 53@26 | 21.25                | 20.55     | 0.1135  |
| 2       | 15  | 20        | 376000 | 1880      | CP-OFDM QPSK         | 1@1   | 21.09                | 20.39     | 0.1094  |
| 2       | 15  | 20        | 376000 | 1880      | CP-OFDM QPSK         | 1@104 | 20.92                | 20.22     | 0.1052  |
| 2       | 15  | 20        | 380000 | 1900      | DFT-s-OFDM PI/2 BPSK | 50@25 | 22.62                | 21.92     | 0.1556  |
| 2       | 15  | 20        | 380000 | 1900      | DFT-s-OFDM PI/2 BPSK | 1@1   | 22.58                | 21.88     | 0.1542  |
| 2       | 15  | 20        | 380000 | 1900      | DFT-s-OFDM PI/2 BPSK | 1@104 | 22.64                | 21.94     | 0.1563  |
| 2       | 15  | 20        | 380000 | 1900      | DFT-s-OFDM QPSK      | 50@25 | 22.59                | 21.89     | 0.1545  |



|   |    |    |        |        |                      |       |       |       |        |
|---|----|----|--------|--------|----------------------|-------|-------|-------|--------|
| 2 | 15 | 20 | 380000 | 1900   | DFT-s-OFDM QPSK      | 1@1   | 22.54 | 21.84 | 0.1528 |
| 2 | 15 | 20 | 380000 | 1900   | DFT-s-OFDM QPSK      | 1@104 | 22.59 | 21.89 | 0.1545 |
| 2 | 15 | 20 | 380000 | 1900   | DFT-s-OFDM 16 QAM    | 50@25 | 21.62 | 20.92 | 0.1236 |
| 2 | 15 | 20 | 380000 | 1900   | DFT-s-OFDM 16 QAM    | 1@1   | 21.44 | 20.74 | 0.1186 |
| 2 | 15 | 20 | 380000 | 1900   | DFT-s-OFDM 16 QAM    | 1@104 | 21.51 | 20.81 | 0.1205 |
| 2 | 15 | 20 | 380000 | 1900   | DFT-s-OFDM 64 QAM    | 50@25 | 20.11 | 19.41 | 0.0873 |
| 2 | 15 | 20 | 380000 | 1900   | DFT-s-OFDM 64 QAM    | 1@1   | 20.57 | 19.87 | 0.0971 |
| 2 | 15 | 20 | 380000 | 1900   | DFT-s-OFDM 64 QAM    | 1@104 | 20.62 | 19.92 | 0.0982 |
| 2 | 15 | 20 | 380000 | 1900   | DFT-s-OFDM 256 QAM   | 50@25 | 18.14 | 17.44 | 0.0555 |
| 2 | 15 | 20 | 380000 | 1900   | DFT-s-OFDM 256 QAM   | 1@1   | 17.99 | 17.29 | 0.0536 |
| 2 | 15 | 20 | 380000 | 1900   | DFT-s-OFDM 256 QAM   | 1@104 | 18.26 | 17.56 | 0.0570 |
| 2 | 15 | 20 | 380000 | 1900   | CP-OFDM QPSK         | 53@26 | 21.1  | 20.4  | 0.1096 |
| 2 | 15 | 20 | 380000 | 1900   | CP-OFDM QPSK         | 1@1   | 21.14 | 20.44 | 0.1107 |
| 2 | 15 | 20 | 380000 | 1900   | CP-OFDM QPSK         | 1@104 | 21.19 | 20.49 | 0.1119 |
| 2 | 15 | 5  | 370500 | 1852.5 | DFT-s-OFDM PI/2 BPSK | 1@1   | 22.78 | 22.08 | 0.1614 |
| 2 | 15 | 5  | 370500 | 1852.5 | DFT-s-OFDM QPSK      | 1@1   | 22.77 | 22.07 | 0.1611 |
| 2 | 15 | 5  | 370500 | 1852.5 | DFT-s-OFDM 16 QAM    | 1@1   | 21.64 | 20.94 | 0.1242 |
| 2 | 15 | 5  | 376000 | 1880   | DFT-s-OFDM PI/2 BPSK | 1@1   | 22.69 | 21.99 | 0.1581 |
| 2 | 15 | 5  | 376000 | 1880   | DFT-s-OFDM QPSK      | 1@1   | 22.63 | 21.93 | 0.1560 |
| 2 | 15 | 5  | 376000 | 1880   | DFT-s-OFDM 16 QAM    | 1@1   | 21.86 | 21.16 | 0.1306 |
| 2 | 15 | 5  | 381500 | 1907.5 | DFT-s-OFDM PI/2 BPSK | 1@1   | 22.53 | 21.83 | 0.1524 |
| 2 | 15 | 5  | 381500 | 1907.5 | DFT-s-OFDM QPSK      | 1@1   | 22.42 | 21.72 | 0.1486 |
| 2 | 15 | 5  | 381500 | 1907.5 | DFT-s-OFDM 16 QAM    | 1@1   | 21.79 | 21.09 | 0.1285 |
| 2 | 15 | 10 | 371000 | 1855   | DFT-s-OFDM PI/2 BPSK | 1@1   | 22.8  | 22.1  | 0.1622 |
| 2 | 15 | 10 | 371000 | 1855   | DFT-s-OFDM QPSK      | 1@1   | 22.64 | 21.94 | 0.1563 |
| 2 | 15 | 10 | 371000 | 1855   | DFT-s-OFDM 16 QAM    | 1@1   | 22.09 | 21.39 | 0.1377 |
| 2 | 15 | 10 | 376000 | 1880   | DFT-s-OFDM PI/2 BPSK | 1@1   | 22.79 | 22.09 | 0.1618 |
| 2 | 15 | 10 | 376000 | 1880   | DFT-s-OFDM QPSK      | 1@1   | 22.76 | 22.06 | 0.1607 |
| 2 | 15 | 10 | 376000 | 1880   | DFT-s-OFDM 16 QAM    | 1@1   | 21.61 | 20.91 | 0.1233 |
| 2 | 15 | 10 | 381000 | 1905   | DFT-s-OFDM PI/2 BPSK | 1@1   | 22.48 | 21.78 | 0.1507 |
| 2 | 15 | 10 | 381000 | 1905   | DFT-s-OFDM QPSK      | 1@1   | 22.43 | 21.73 | 0.1489 |
| 2 | 15 | 10 | 381000 | 1905   | DFT-s-OFDM 16 QAM    | 1@1   | 21.66 | 20.96 | 0.1247 |
| 2 | 15 | 15 | 371500 | 1857.5 | DFT-s-OFDM PI/2 BPSK | 1@1   | 22.77 | 22.07 | 0.1611 |
| 2 | 15 | 15 | 371500 | 1857.5 | DFT-s-OFDM QPSK      | 1@1   | 22.61 | 21.91 | 0.1552 |
| 2 | 15 | 15 | 371500 | 1857.5 | DFT-s-OFDM 16 QAM    | 1@1   | 21.99 | 21.29 | 0.1346 |
| 2 | 15 | 15 | 376000 | 1880   | DFT-s-OFDM PI/2 BPSK | 1@1   | 22.7  | 22    | 0.1585 |
| 2 | 15 | 15 | 376000 | 1880   | DFT-s-OFDM QPSK      | 1@1   | 22.66 | 21.96 | 0.1570 |
| 2 | 15 | 15 | 376000 | 1880   | DFT-s-OFDM 16 QAM    | 1@1   | 21.9  | 21.2  | 0.1318 |
| 2 | 15 | 15 | 380500 | 1902.5 | DFT-s-OFDM PI/2 BPSK | 1@1   | 22.59 | 21.89 | 0.1545 |
| 2 | 15 | 15 | 380500 | 1902.5 | DFT-s-OFDM QPSK      | 1@1   | 22.49 | 21.79 | 0.1510 |
| 2 | 15 | 15 | 380500 | 1902.5 | DFT-s-OFDM 16 QAM    | 1@1   | 21.77 | 21.07 | 0.1279 |

**Frequency Stability**

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB    | Deviation (ppm) | Verdict | Environment |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------------|---------|-------------|
| 2       | 15        | 20              | 376000 | 1880.0     | DFT-s-OFDM QPSK | 100@0 | 0.0021          | PASS    | NV          |
| 2       | 15        | 20              | 376000 | 1880.0     | DFT-s-OFDM QPSK | 100@0 | -0.0029         | PASS    | LV          |
| 2       | 15        | 20              | 376000 | 1880.0     | DFT-s-OFDM QPSK | 100@0 | 0.0034          | PASS    | HV          |
| 2       | 15        | 20              | 376000 | 1880.0     | DFT-s-OFDM QPSK | 100@0 | 0.0071          | PASS    | -30℃        |
| 2       | 15        | 20              | 376000 | 1880.0     | DFT-s-OFDM QPSK | 100@0 | -0.0026         | PASS    | -20℃        |
| 2       | 15        | 20              | 376000 | 1880.0     | DFT-s-OFDM QPSK | 100@0 | 0.0034          | PASS    | -10℃        |
| 2       | 15        | 20              | 376000 | 1880.0     | DFT-s-OFDM QPSK | 100@0 | 0.0021          | PASS    | 0℃          |
| 2       | 15        | 20              | 376000 | 1880.0     | DFT-s-OFDM QPSK | 100@0 | -0.0032         | PASS    | 10℃         |
| 2       | 15        | 20              | 376000 | 1880.0     | DFT-s-OFDM QPSK | 100@0 | -0.0019         | PASS    | 20℃         |
| 2       | 15        | 20              | 376000 | 1880.0     | DFT-s-OFDM QPSK | 100@0 | -0.0057         | PASS    | 30℃         |
| 2       | 15        | 20              | 376000 | 1880.0     | DFT-s-OFDM QPSK | 100@0 | -0.0017         | PASS    | 40℃         |
| 2       | 15        | 20              | 376000 | 1880.0     | DFT-s-OFDM QPSK | 100@0 | 0.0044          | PASS    | 50℃         |

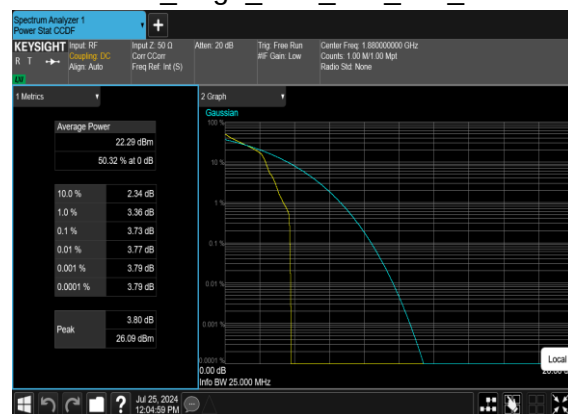
## Peak to Average Ratio

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation              | RB    | Result (dB) | Limit (dB) | Verdict |
|---------|-----------|-----------------|--------|------------|-------------------------|-------|-------------|------------|---------|
| 2       | 15        | 20              | 376000 | 1880.0     | DFT-s-OFDM<br>PI/2 BPSK | 100@0 | 4.05        | 13         | PASS    |
| 2       | 15        | 20              | 376000 | 1880.0     | DFT-s-OFDM<br>PI/2 BPSK | 1@0   | 3.73        | 13         | PASS    |
| 2       | 15        | 20              | 376000 | 1880.0     | DFT-s-OFDM<br>QPSK      | 100@0 | 5.15        | 13         | PASS    |
| 2       | 15        | 20              | 376000 | 1880.0     | DFT-s-OFDM<br>QPSK      | 1@0   | 4.39        | 13         | PASS    |

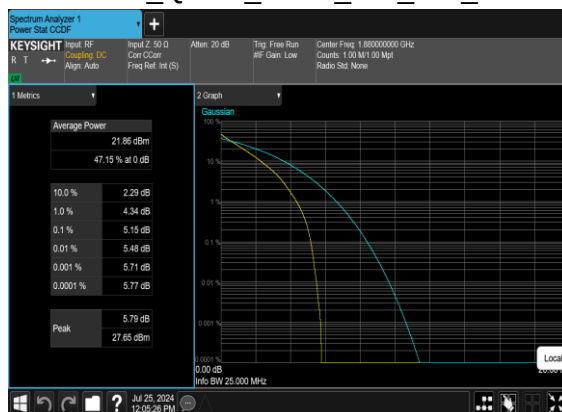
N2(20M)\_DFT-s-OFDM\_PI\_2-  
BPSK Outer Full Mid CH



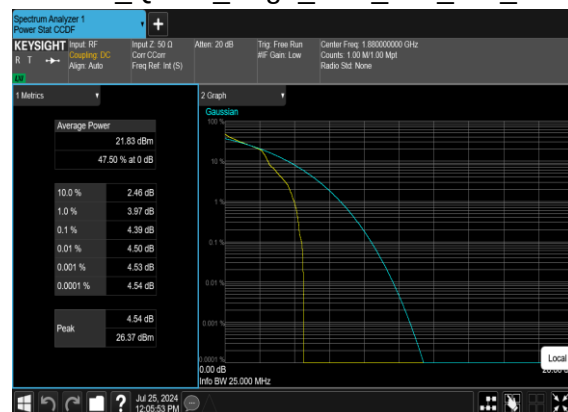
N2(20M)\_DFT-s-OFDM\_PI\_2-  
BPSK Edge 1RB Left Mid CH



N2(20M)\_DFT-s-OFDM QPSK Outer Full Mid CH



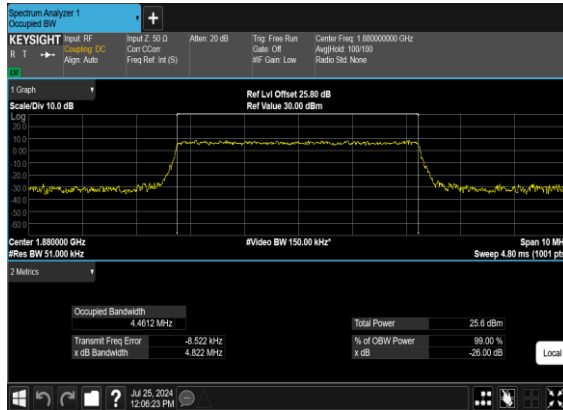
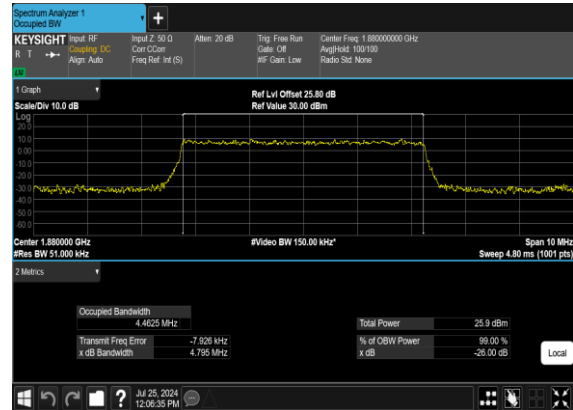
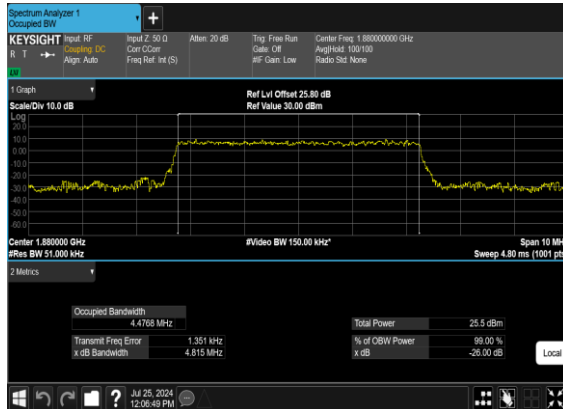
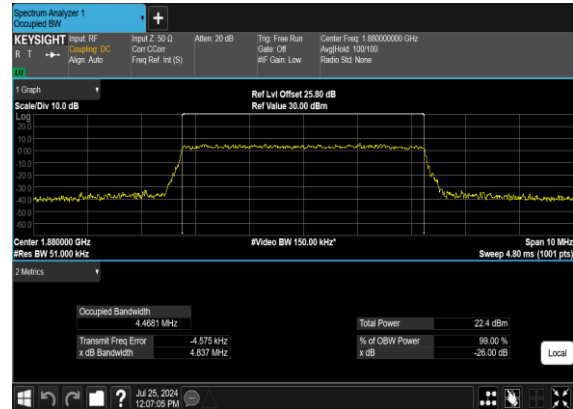
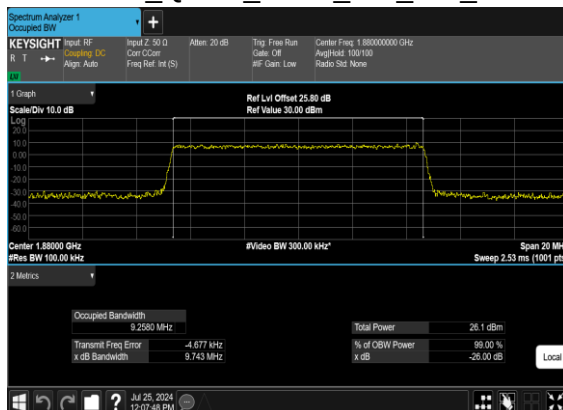
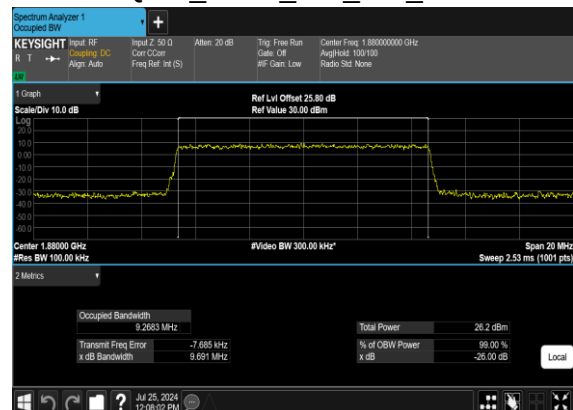
N2(20M)\_DFT-s-  
OFDM QPSK Edge 1RB Left Mid CH

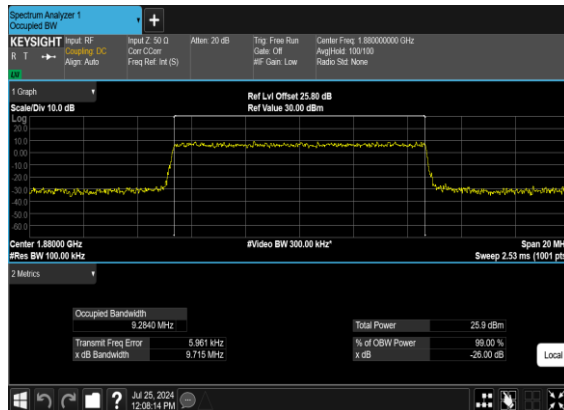
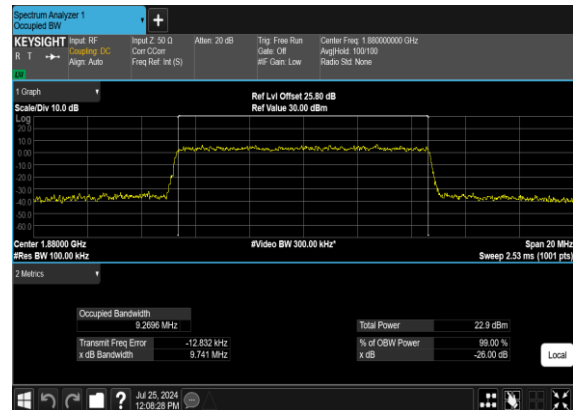
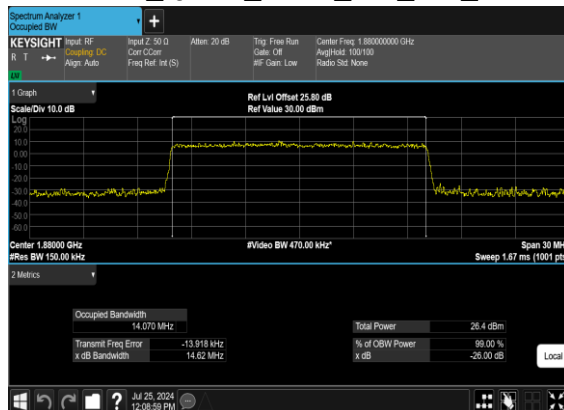
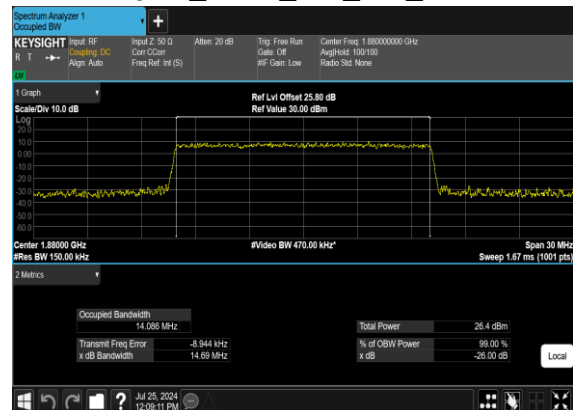
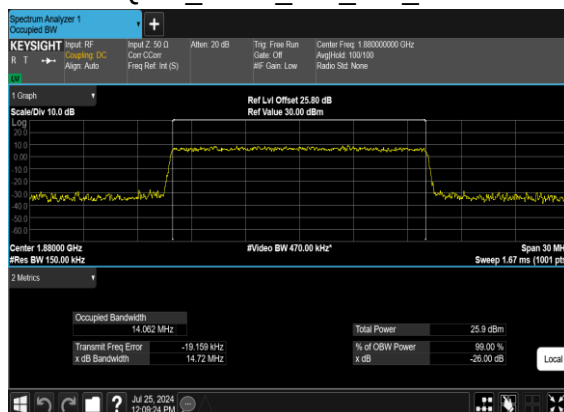
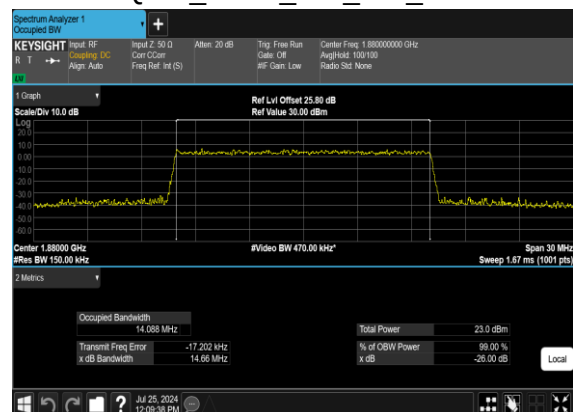


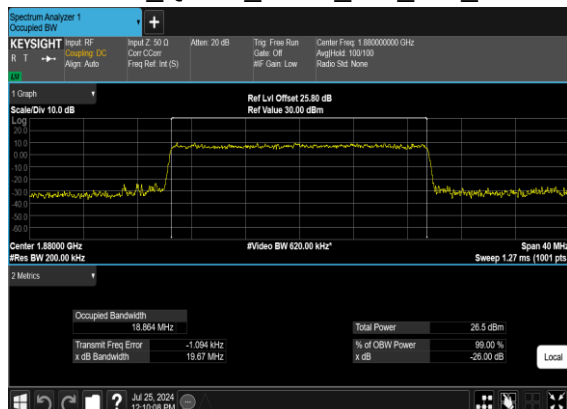
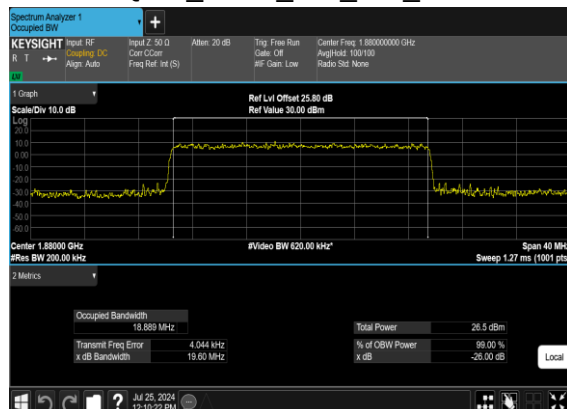
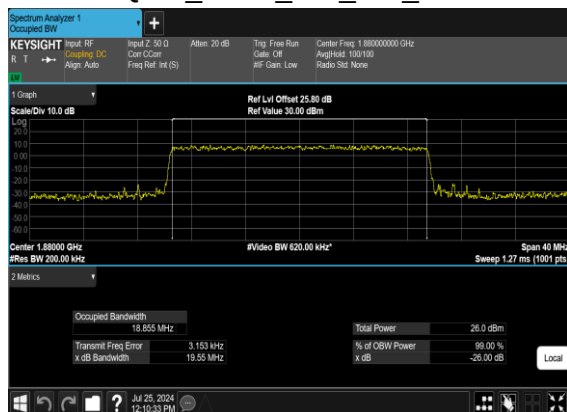
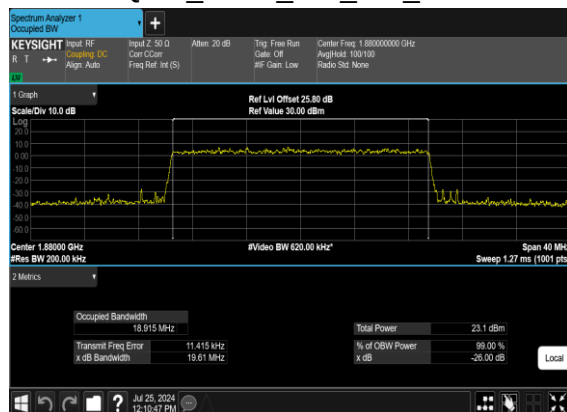


## Occupied Bandwidth

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB    | OBW (MHz) | 26dB BW (MHz) |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------|---------------|
| 2       | 15        | 5               | 376000 | 1880.0     | CP-OFDM QPSK    | 25@0  | 4.4612    | 4.822         |
| 2       | 15        | 5               | 376000 | 1880.0     | CP-OFDM 16 QAM  | 25@0  | 4.4625    | 4.795         |
| 2       | 15        | 5               | 376000 | 1880.0     | CP-OFDM 64 QAM  | 25@0  | 4.4768    | 4.815         |
| 2       | 15        | 5               | 376000 | 1880.0     | CP-OFDM 256 QAM | 25@0  | 4.4681    | 4.837         |
| 2       | 15        | 10              | 376000 | 1880.0     | CP-OFDM QPSK    | 52@0  | 9.258     | 9.743         |
| 2       | 15        | 10              | 376000 | 1880.0     | CP-OFDM 16 QAM  | 52@0  | 9.2683    | 9.691         |
| 2       | 15        | 10              | 376000 | 1880.0     | CP-OFDM 64 QAM  | 52@0  | 9.284     | 9.715         |
| 2       | 15        | 10              | 376000 | 1880.0     | CP-OFDM 256 QAM | 52@0  | 9.2696    | 9.741         |
| 2       | 15        | 15              | 376000 | 1880.0     | CP-OFDM QPSK    | 79@0  | 14.07     | 14.62         |
| 2       | 15        | 15              | 376000 | 1880.0     | CP-OFDM 16 QAM  | 79@0  | 14.086    | 14.69         |
| 2       | 15        | 15              | 376000 | 1880.0     | CP-OFDM 64 QAM  | 79@0  | 14.062    | 14.72         |
| 2       | 15        | 15              | 376000 | 1880.0     | CP-OFDM 256 QAM | 79@0  | 14.088    | 14.66         |
| 2       | 15        | 20              | 376000 | 1880.0     | CP-OFDM QPSK    | 106@0 | 18.864    | 19.67         |
| 2       | 15        | 20              | 376000 | 1880.0     | CP-OFDM 16 QAM  | 106@0 | 18.889    | 19.6          |
| 2       | 15        | 20              | 376000 | 1880.0     | CP-OFDM 64 QAM  | 106@0 | 18.855    | 19.55         |
| 2       | 15        | 20              | 376000 | 1880.0     | CP-OFDM 256 QAM | 106@0 | 18.915    | 19.61         |

N2(5M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CHN2(5M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CHN2(5M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CHN2(5M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CHN2(10M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CHN2(10M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH

N2(10M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CHN2(10M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CHN2(15M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CHN2(15M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CHN2(15M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CHN2(15M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

N2(20M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CHN2(20M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CHN2(20M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CHN2(20M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

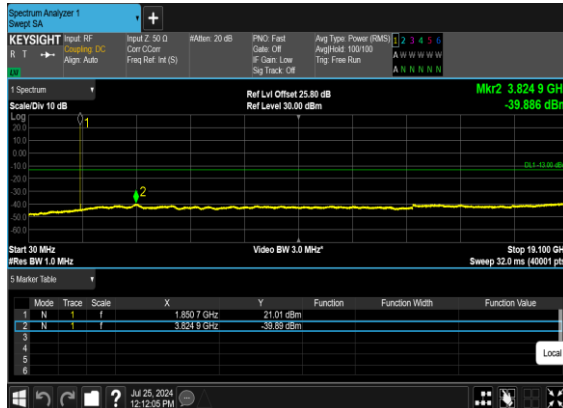
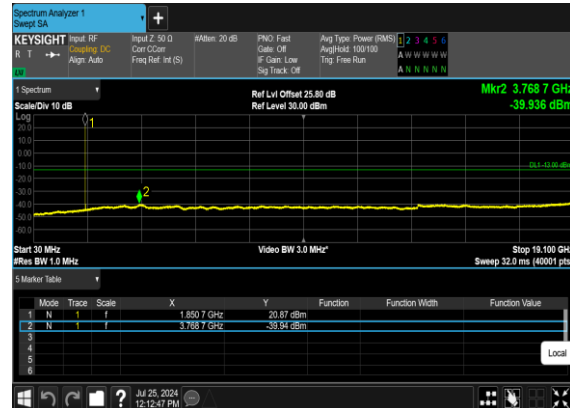
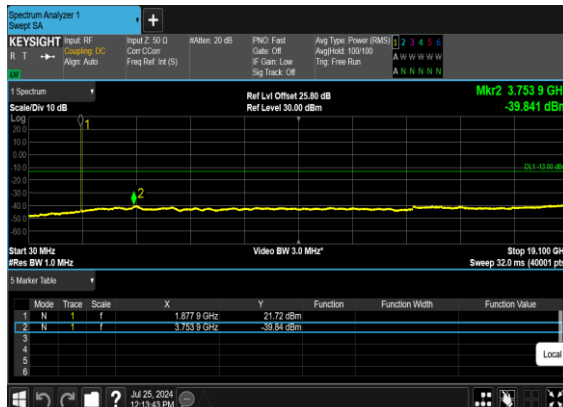
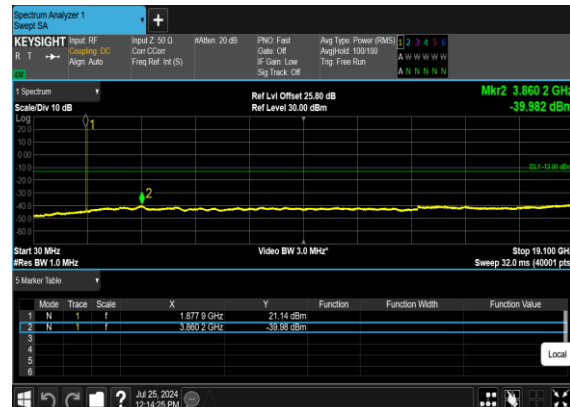
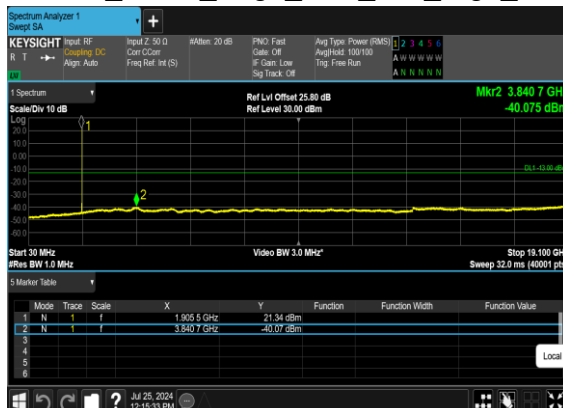
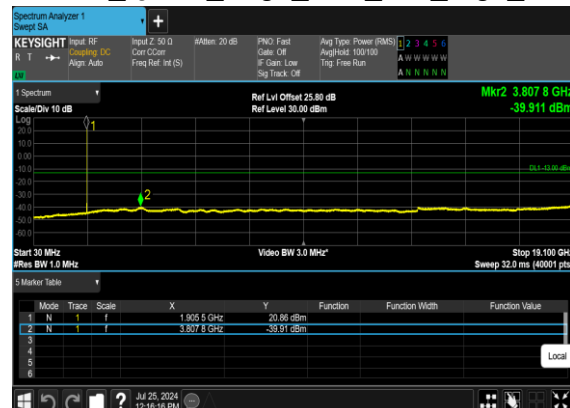


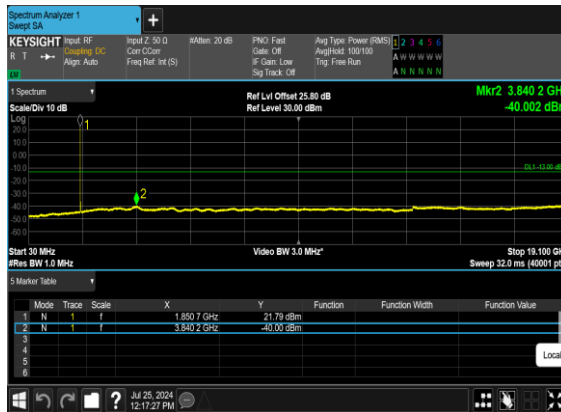
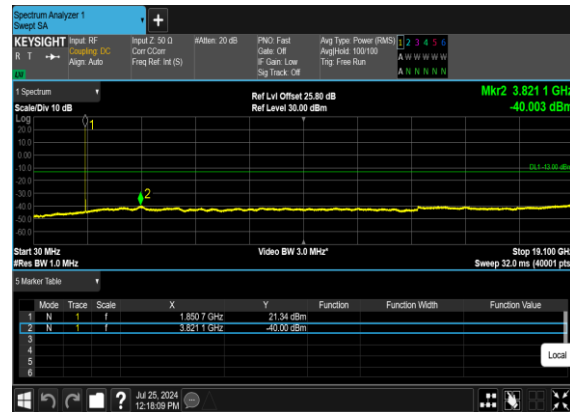
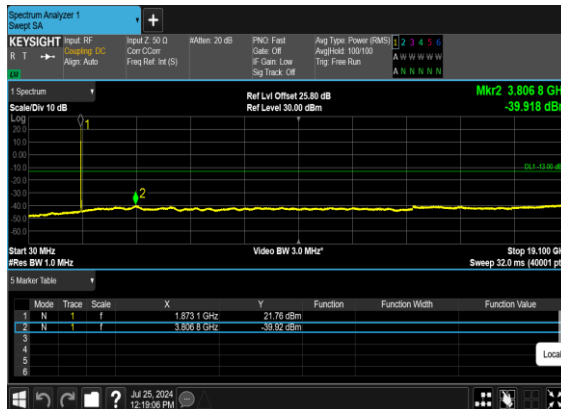
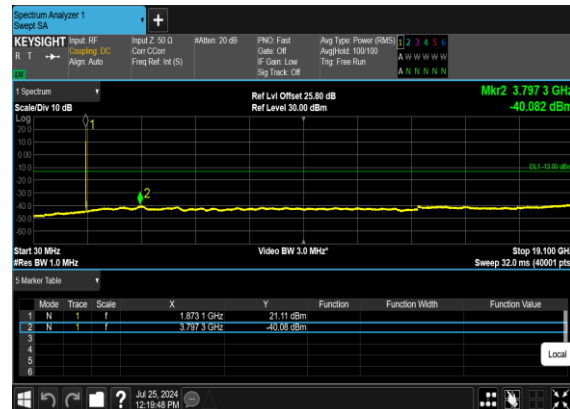
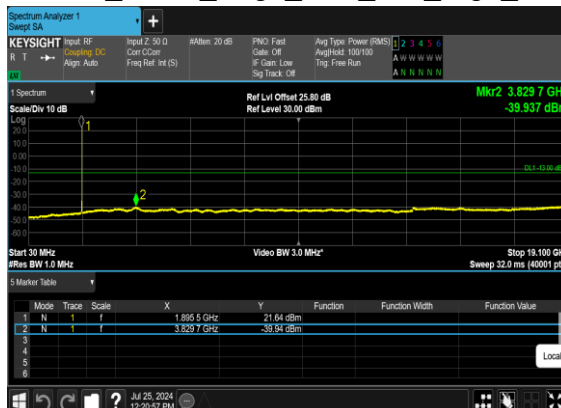
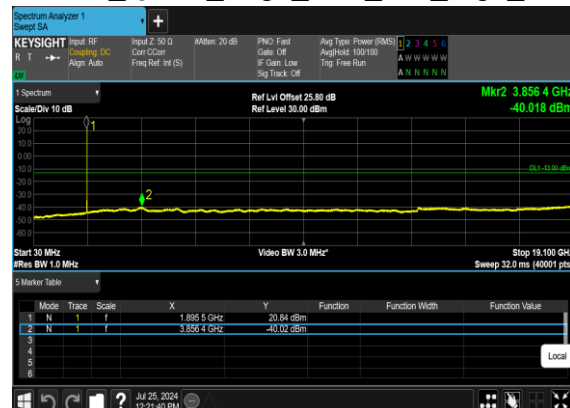
## Conducted Spurious Emissions

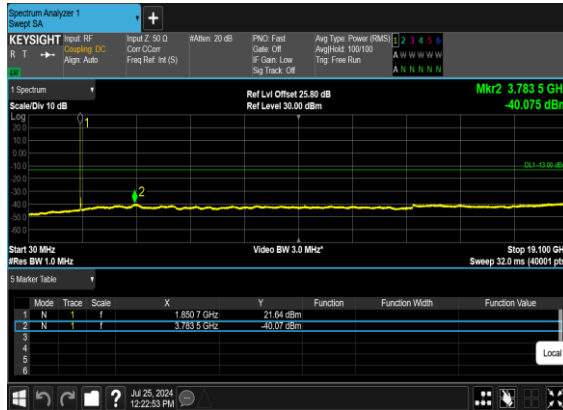
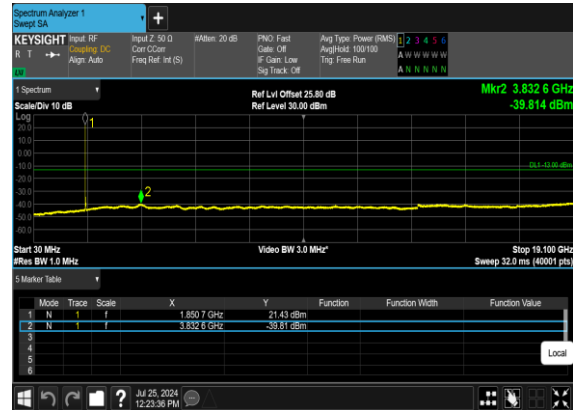
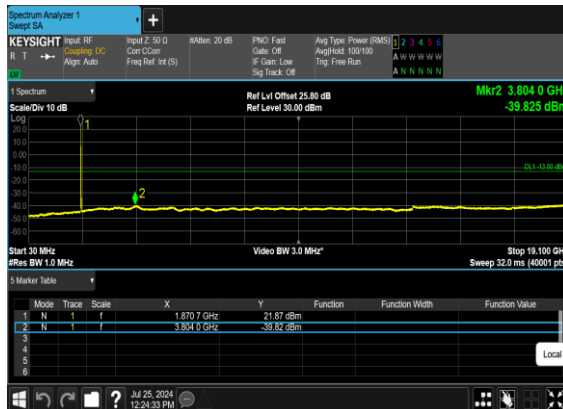
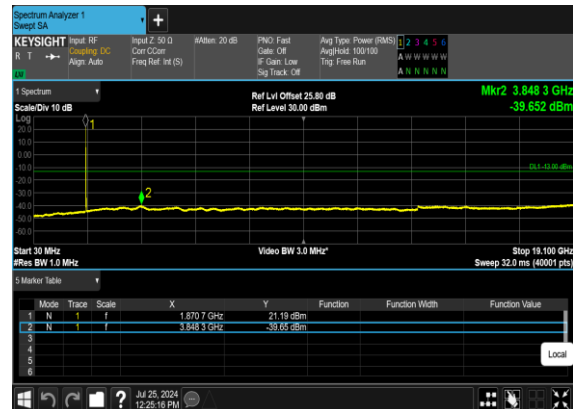
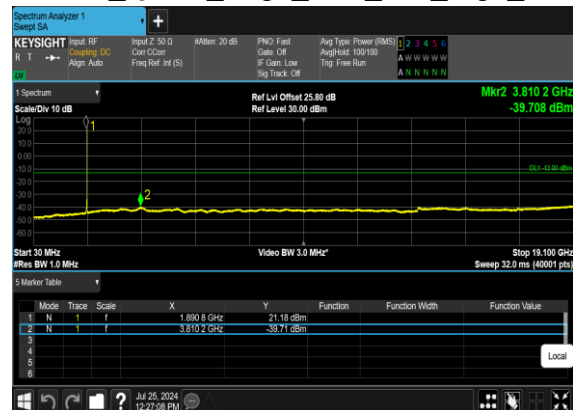
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB  | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|-----|-----------|---------|
| 2       | 15        | 5               | 370500 | 1852.5     | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 2       | 15        | 5               | 370500 | 1852.5     | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 2       | 15        | 5               | 370500 | 1852.5     | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 2       | 15        | 5               | 370500 | 1852.5     | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 2       | 15        | 5               | 376000 | 1880.0     | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 2       | 15        | 5               | 376000 | 1880.0     | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 2       | 15        | 5               | 376000 | 1880.0     | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 2       | 15        | 5               | 376000 | 1880.0     | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 2       | 15        | 5               | 381500 | 1907.5     | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 2       | 15        | 5               | 381500 | 1907.5     | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 2       | 15        | 5               | 381500 | 1907.5     | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 2       | 15        | 5               | 381500 | 1907.5     | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 2       | 15        | 15              | 371500 | 1857.5     | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 2       | 15        | 15              | 371500 | 1857.5     | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 2       | 15        | 15              | 371500 | 1857.5     | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 2       | 15        | 15              | 371500 | 1857.5     | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 2       | 15        | 15              | 376000 | 1880.0     | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 2       | 15        | 15              | 376000 | 1880.0     | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 2       | 15        | 15              | 376000 | 1880.0     | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 2       | 15        | 15              | 376000 | 1880.0     | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 2       | 15        | 15              | 380500 | 1902.5     | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 2       | 15        | 15              | 380500 | 1902.5     | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 2       | 15        | 15              | 380500 | 1902.5     | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 2       | 15        | 15              | 380500 | 1902.5     | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |



|   |    |    |        |        |                    |     |           |             |
|---|----|----|--------|--------|--------------------|-----|-----------|-------------|
| 2 | 15 | 20 | 372000 | 1860.0 | DFT-s-OFDM<br>BPSK | 1@0 | see graph | ---         |
| 2 | 15 | 20 | 372000 | 1860.0 | DFT-s-OFDM<br>BPSK | 1@0 | see graph | <b>PASS</b> |
| 2 | 15 | 20 | 372000 | 1860.0 | DFT-s-OFDM<br>QPSK | 1@0 | see graph | ---         |
| 2 | 15 | 20 | 372000 | 1860.0 | DFT-s-OFDM<br>QPSK | 1@0 | see graph | <b>PASS</b> |
| 2 | 15 | 20 | 376000 | 1880.0 | DFT-s-OFDM<br>BPSK | 1@0 | see graph | ---         |
| 2 | 15 | 20 | 376000 | 1880.0 | DFT-s-OFDM<br>BPSK | 1@0 | see graph | <b>PASS</b> |
| 2 | 15 | 20 | 376000 | 1880.0 | DFT-s-OFDM<br>QPSK | 1@0 | see graph | ---         |
| 2 | 15 | 20 | 376000 | 1880.0 | DFT-s-OFDM<br>QPSK | 1@0 | see graph | <b>PASS</b> |
| 2 | 15 | 20 | 380000 | 1900.0 | DFT-s-OFDM<br>BPSK | 1@0 | see graph | ---         |
| 2 | 15 | 20 | 380000 | 1900.0 | DFT-s-OFDM<br>BPSK | 1@0 | see graph | <b>PASS</b> |
| 2 | 15 | 20 | 380000 | 1900.0 | DFT-s-OFDM<br>QPSK | 1@0 | see graph | ---         |
| 2 | 15 | 20 | 380000 | 1900.0 | DFT-s-OFDM<br>QPSK | 1@0 | see graph | <b>PASS</b> |

N2(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CHN2(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CHN2(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CHN2(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CHN2(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CHN2(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

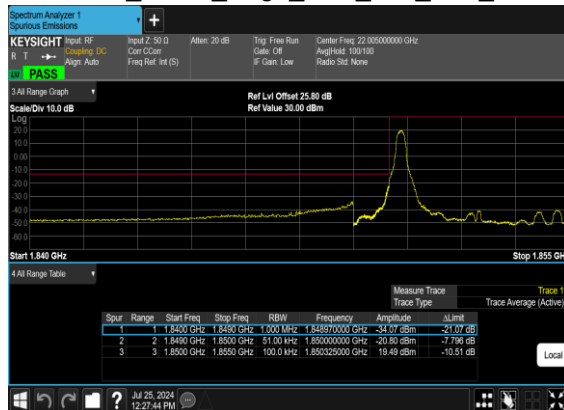
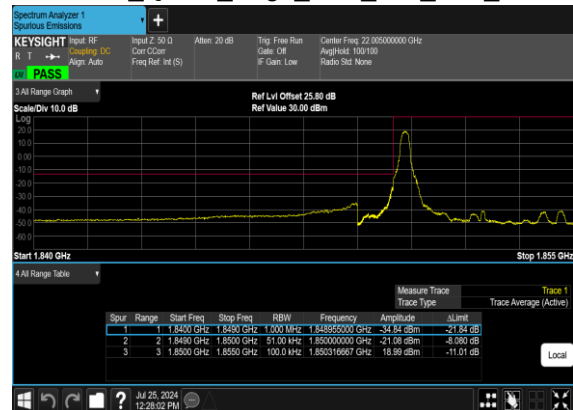
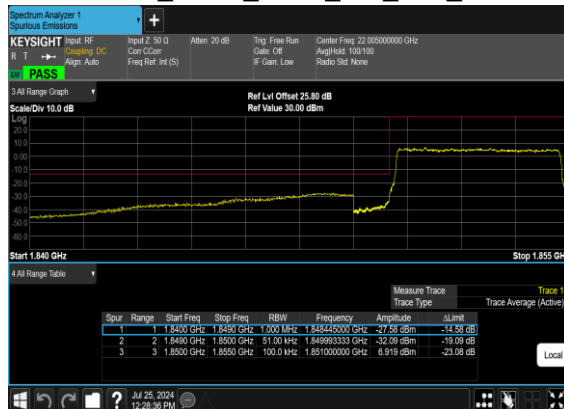
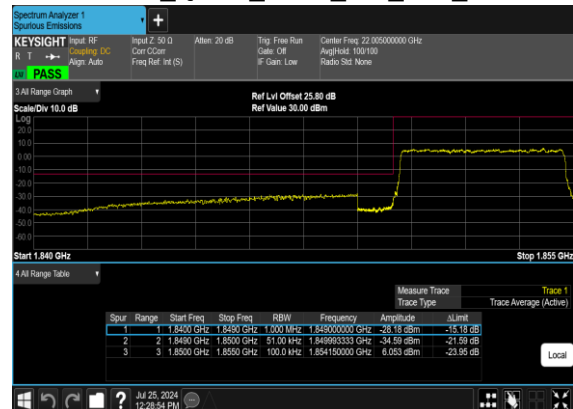
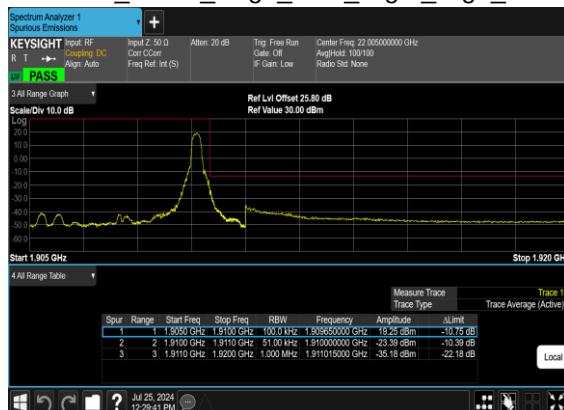
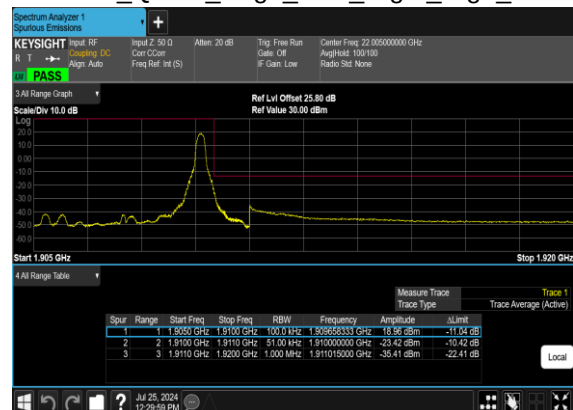
N2(15M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CHN2(15M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CHN2(15M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CHN2(15M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CHN2(15M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CHN2(15M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

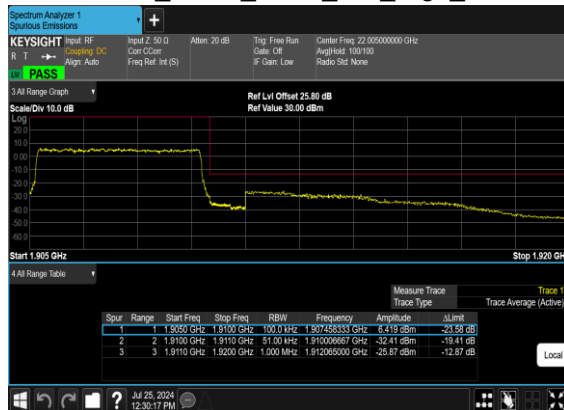
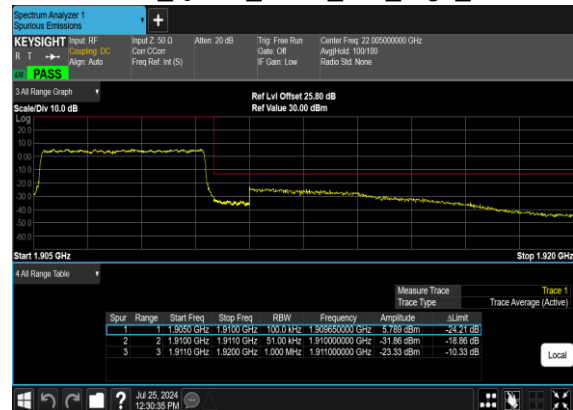
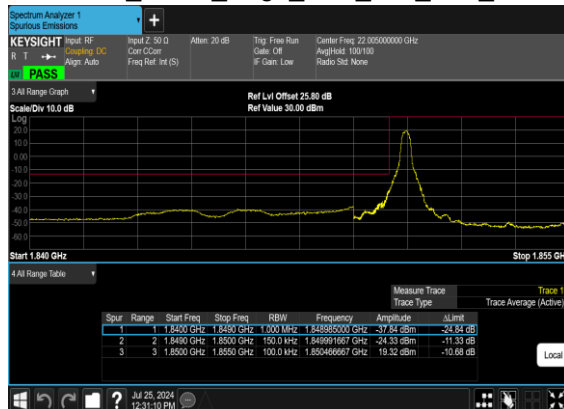
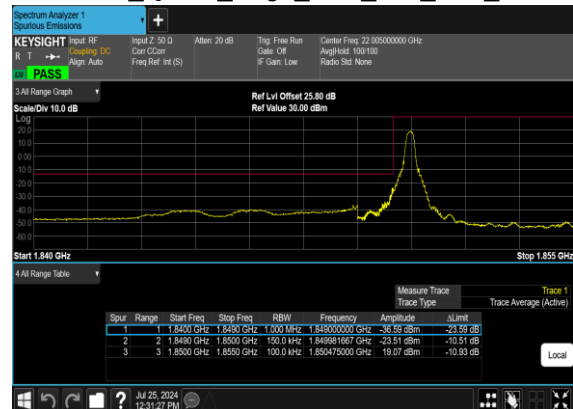
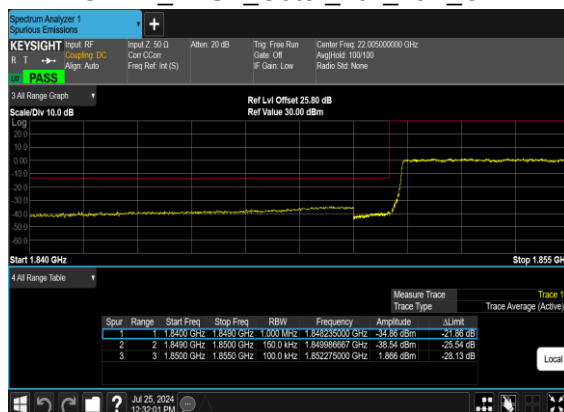
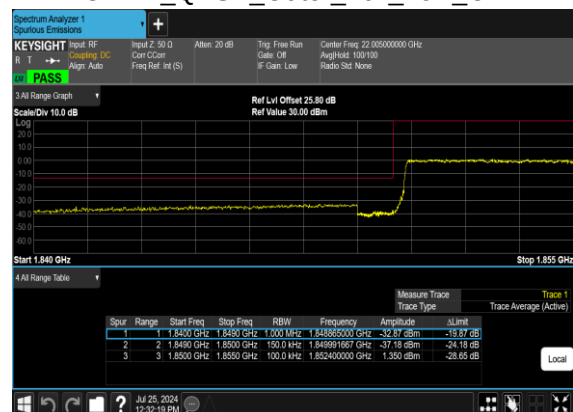
N2(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CHN2(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CHN2(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CHN2(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CHN2(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CHN2(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

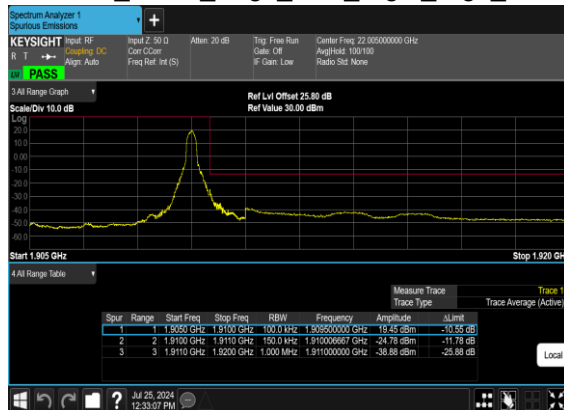
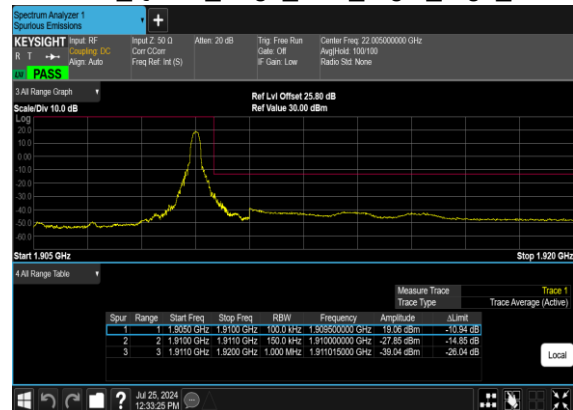
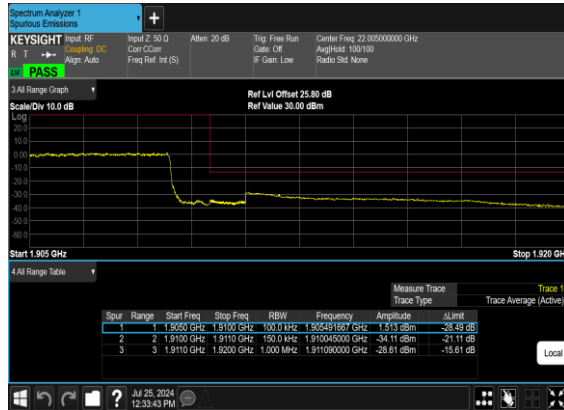
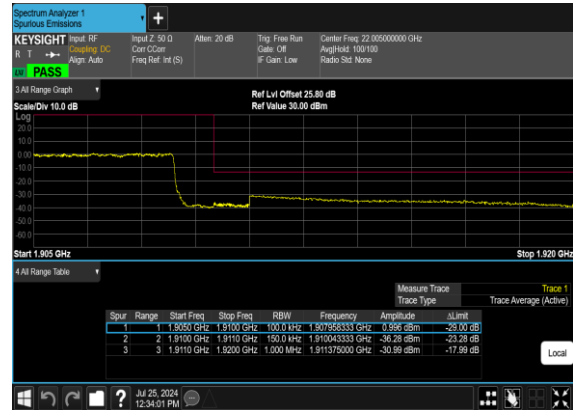
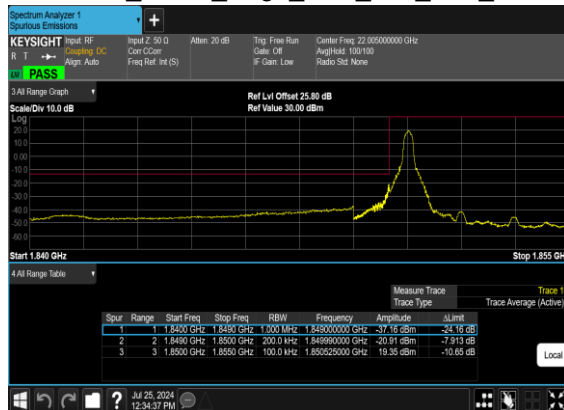
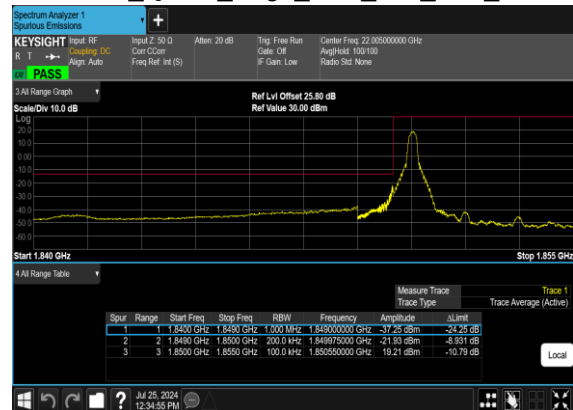


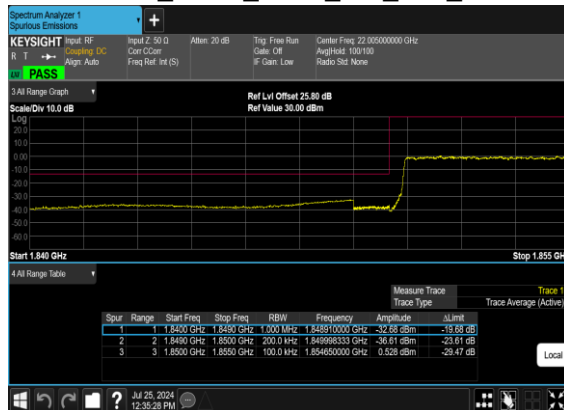
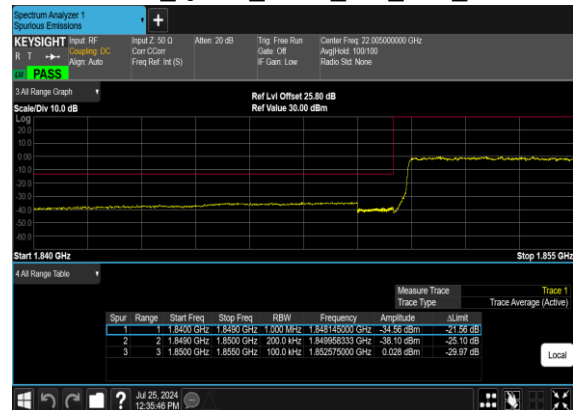
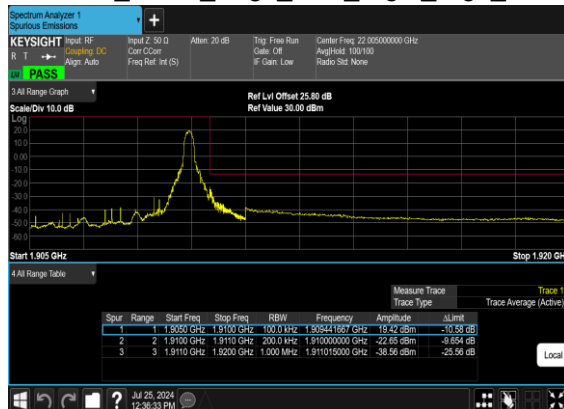
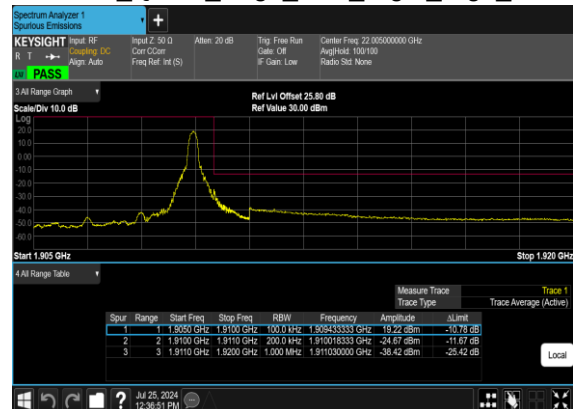
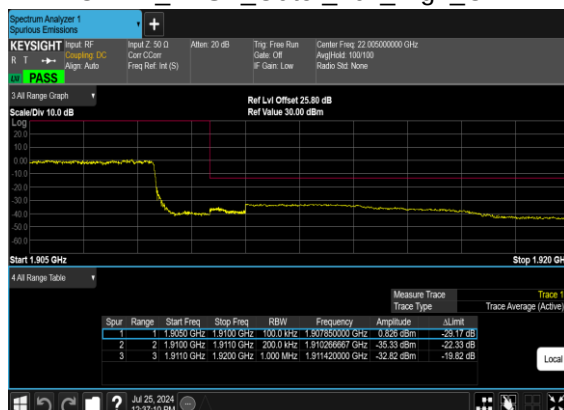
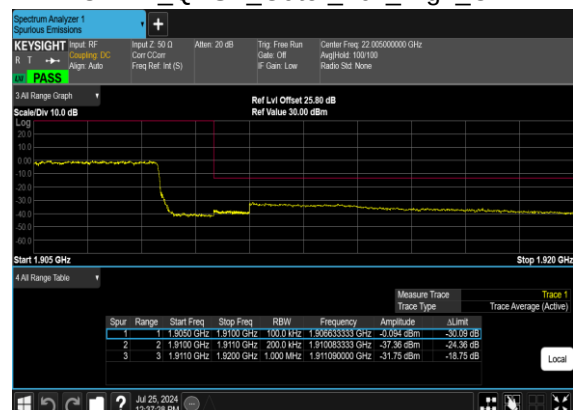
## Conducted Band Edge

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB    | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------|---------|
| 2       | 15        | 5               | 370500 | 1852.5     | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 2       | 15        | 5               | 370500 | 1852.5     | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 2       | 15        | 5               | 370500 | 1852.5     | DFT-s-OFDM BPSK | 25@0  | see graph | PASS    |
| 2       | 15        | 5               | 370500 | 1852.5     | DFT-s-OFDM QPSK | 25@0  | see graph | PASS    |
| 2       | 15        | 5               | 381500 | 1907.5     | DFT-s-OFDM BPSK | 1@24  | see graph | PASS    |
| 2       | 15        | 5               | 381500 | 1907.5     | DFT-s-OFDM QPSK | 1@24  | see graph | PASS    |
| 2       | 15        | 5               | 381500 | 1907.5     | DFT-s-OFDM BPSK | 25@0  | see graph | PASS    |
| 2       | 15        | 5               | 381500 | 1907.5     | DFT-s-OFDM QPSK | 25@0  | see graph | PASS    |
| 2       | 15        | 15              | 371500 | 1857.5     | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 2       | 15        | 15              | 371500 | 1857.5     | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 2       | 15        | 15              | 371500 | 1857.5     | DFT-s-OFDM BPSK | 75@0  | see graph | PASS    |
| 2       | 15        | 15              | 371500 | 1857.5     | DFT-s-OFDM QPSK | 75@0  | see graph | PASS    |
| 2       | 15        | 15              | 380500 | 1902.5     | DFT-s-OFDM BPSK | 1@78  | see graph | PASS    |
| 2       | 15        | 15              | 380500 | 1902.5     | DFT-s-OFDM QPSK | 1@78  | see graph | PASS    |
| 2       | 15        | 15              | 380500 | 1902.5     | DFT-s-OFDM BPSK | 75@0  | see graph | PASS    |
| 2       | 15        | 15              | 380500 | 1902.5     | DFT-s-OFDM QPSK | 75@0  | see graph | PASS    |
| 2       | 15        | 20              | 372000 | 1860.0     | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 2       | 15        | 20              | 372000 | 1860.0     | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 2       | 15        | 20              | 372000 | 1860.0     | DFT-s-OFDM BPSK | 100@0 | see graph | PASS    |
| 2       | 15        | 20              | 372000 | 1860.0     | DFT-s-OFDM QPSK | 100@0 | see graph | PASS    |
| 2       | 15        | 20              | 380000 | 1900.0     | DFT-s-OFDM BPSK | 1@105 | see graph | PASS    |
| 2       | 15        | 20              | 380000 | 1900.0     | DFT-s-OFDM QPSK | 1@105 | see graph | PASS    |
| 2       | 15        | 20              | 380000 | 1900.0     | DFT-s-OFDM BPSK | 100@0 | see graph | PASS    |
| 2       | 15        | 20              | 380000 | 1900.0     | DFT-s-OFDM QPSK | 100@0 | see graph | PASS    |

N2(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CHN2(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CHN2(5M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CHN2(5M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CHN2(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CHN2(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH

N2(5M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CHN2(5M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CHN2(15M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CHN2(15M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CHN2(15M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CHN2(15M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH

N2(15M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CHN2(15M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CHN2(15M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CHN2(15M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CHN2(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CHN2(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

N2(20M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CHN2(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CHN2(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CHN2(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CHN2(20M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CHN2(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



## FR1 N2-SCS 15k (Other PA\_ANT 2)

### Transmitter Conducted Output Power And EIRP, ( $G_T - L_C$ )=-3.8dBi

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Gain | EIRP   | EIRP   | EIRP   |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|------|--------|--------|--------|
| Channel         |            |         |           | 372000                | 376000                   | 380000                 | Gain | L      | M      | H      |
| Frequency (MHz) |            |         |           | 1860                  | 1880                     | 1900                   |      |        |        |        |
| 20              | PI/2 BPSK  | 1       | 1         | 22.96                 | 22.91                    | 22.92                  | -3.8 | 0.0824 | 0.0815 | 0.0817 |
| 20              | QPSK       | 1       | 1         | 22.93                 | 22.83                    | 22.76                  | -3.8 | 0.0818 | 0.0800 | 0.0787 |
| 20              | QPSK       | 1       | 53        | 23.02                 | 22.84                    | 22.94                  | -3.8 | 0.0836 | 0.0802 | 0.0820 |
| 20              | QPSK       | 1       | 104       | 22.98                 | 22.92                    | 22.85                  | -3.8 | 0.0828 | 0.0817 | 0.0804 |
| 20              | QPSK       | 50      | 0         | 22.06                 | 22.08                    | 22.12                  | -3.8 | 0.0670 | 0.0673 | 0.0679 |
| 20              | QPSK       | 50      | 28        | 22.83                 | 22.79                    | 22.86                  | -3.8 | 0.0800 | 0.0793 | 0.0805 |
| 20              | QPSK       | 50      | 56        | 22.13                 | 22.06                    | 22.06                  | -3.8 | 0.0681 | 0.0670 | 0.0670 |
| 20              | QPSK       | 100     | 0         | 22.09                 | 22.05                    | 22.04                  | -3.8 | 0.0675 | 0.0668 | 0.0667 |
| 20              | 16QAM      | 1       | 1         | 21.96                 | 21.92                    | 21.86                  | -3.8 | 0.0655 | 0.0649 | 0.0640 |
| 20              | 64QAM      | 1       | 1         | 20.53                 | 20.43                    | 20.48                  | -3.8 | 0.0471 | 0.0460 | 0.0466 |
| 20              | 256QAM     | 1       | 1         | 18.42                 | 18.41                    | 18.52                  | -3.8 | 0.0290 | 0.0289 | 0.0296 |
| Channel         |            |         |           | 371500                | 376000                   | 380500                 | Gain | EIRP   | EIRP   | EIRP   |
| Frequency (MHz) |            |         |           | 1857.5                | 1880                     | 1902.5                 |      |        |        |        |
| 15              | QPSK       | 1       | 1         | 22.97                 | 22.93                    | 23.03                  | -3.8 | 0.0826 | 0.0818 | 0.0838 |
| 15              | 16QAM      | 1       | 1         | 22.02                 | 22.06                    | 22.11                  | -3.8 | 0.0664 | 0.0670 | 0.0678 |
| Channel         |            |         |           | 371000                | 376000                   | 381000                 | Gain | EIRP   | EIRP   | EIRP   |
| Frequency (MHz) |            |         |           | 1855                  | 1880                     | 1905                   |      |        |        |        |
| 10              | QPSK       | 1       | 1         | 22.91                 | 22.96                    | 22.89                  | -3.8 | 0.0815 | 0.0824 | 0.0811 |
| 10              | 16QAM      | 1       | 1         | 22.05                 | 22.03                    | 22.07                  | -3.8 | 0.0668 | 0.0665 | 0.0671 |
| Channel         |            |         |           | 370500                | 376000                   | 381500                 | Gain | EIRP   | EIRP   | EIRP   |
| Frequency (MHz) |            |         |           | 1852.5                | 1880                     | 1907.5                 |      |        |        |        |
| 5               | QPSK       | 1       | 1         | 22.88                 | 22.91                    | 22.86                  | -3.8 | 0.0809 | 0.0815 | 0.0805 |
| 5               | 16QAM      | 1       | 1         | 22.05                 | 22.01                    | 22.07                  | -3.8 | 0.0668 | 0.0662 | 0.0671 |



## Peak-to-Average Ratio

| Mode      | FR1 N2 / 20MHz / DFT-S OFDM |         |             |
|-----------|-----------------------------|---------|-------------|
| Mod.      | PI/2 BPSK                   | QPSK    | Limit: 13dB |
| RB Size   | Full RB                     | Full RB | Result      |
| Middle CH | 4.93                        | 4.99    | PASS        |

