



# Spot Check Evaluation

APPLICANT : Motorola Mobility LLC  
EQUIPMENT : Mobile Cellular Phone  
BRAND NAME : Motorola  
MODEL NAME : XT2527-2  
FCC ID : IHDT56AV4  
STANDARD : 47 CFR Part 22(H), 24(E), 27(M), 27(Q), 90(S)  
47 CFR Part 15 Subpart C §15.225  
47 CFR Part 15 Subpart C §15.247  
47 CFR Part 15 Subpart E §15.407  
TEST DATE(S) : Apr. 05, 2025 ~ Apr. 27, 2025

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.

This report contains data that were produced under subcontract by Sporton International Inc. (ShenZhen)

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   |
|--------------|---------|-------------------------|---------------|
| FR530724-01A | Rev. 01 | Initial issue of report | Apr. 30, 2025 |
|              |         |                         |               |
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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

**Motorola Mobility LLC**  
222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

## 1.2 Manufacturer

**Motorola Mobility LLC**  
222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

## 1.3 Product Feature of Equipment Under Test

| Product Feature |                                                                                                                                             |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Equipment       | Mobile Cellular Phone                                                                                                                       |
| Brand Name      | Motorola                                                                                                                                    |
| Model Name      | XT2527-2                                                                                                                                    |
| FCC ID          | IHDT56AV4                                                                                                                                   |
| IMEI Code       | Conducted/DFS: 258674600017032/258674600017040<br>Radiation: 358674600016810/358674600016828<br>Conduction: 358674600016612/358674600016620 |
| HW Version      | DVT2                                                                                                                                        |
| SW Version      | V2VN35.50                                                                                                                                   |
| 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> |
|                           | TH01-KS<br>DFS01-KS                                                                                                                            | CN1257                     | 314309                                |

Sporton International Inc. (Shenzhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

|                           |                                                                                                                                                                                                                 |                            |                                       |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------------|
| <b>Test Firm</b>          | Sporton International Inc. (Shenzhen)                                                                                                                                                                           |                            |                                       |
| <b>Test Site Location</b> | 101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City, Guangdong Province 518103 People's Republic of China<br>TEL: +86-755-86066985 |                            |                                       |
| <b>Test Site No.</b>      | <b>Sporton Site No.</b>                                                                                                                                                                                         | <b>FCC Designation No.</b> | <b>FCC Test Firm Registration No.</b> |
|                           | CO02-SZ<br>03CH02-SZ<br>03CH03-SZ<br>03CH05-SZ                                                                                                                                                                  | CN1256                     | 421272                                |

## 1.6 Test Software

| Item | Site      | Manufacturer | Name                                     | Version       |
|------|-----------|--------------|------------------------------------------|---------------|
| 1.   | TH01-KS   | SPORTON      | FCC 15C-15E Test Tools<br>Ver10.0_210607 | 10.0          |
| 2.   | DFS01-KS  | Sporton      | Test Tools                               | 1.0           |
| 3.   | 03CH02-SZ | AUDIX        | E3                                       | 6.2009-8-24a  |
| 4.   | 03CH03-SZ | AUDIX        | E3                                       | 6.2009-8-24   |
| 5.   | 03CH05-SZ | AUDIX        | E3                                       | 6.2009-8-24a1 |
| 6.   | CO02-SZ   | AUDIX        | E3                                       | 6.120613b     |

## 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 22(H), 24(E), 27(M), 27(Q), 90(S)
- 47 CFR Part 15 Subpart C §15.225
- 47 CFR Part 15 Subpart C §15.247
- 47 CFR Part 15 Subpart E §15.407
- ANSI C63.10-2013
- ANSI C63.26-2015

## 1.8 Specification of Accessory

| Specification of Accessory |            |                    |            |                |
|----------------------------|------------|--------------------|------------|----------------|
| AC Adapter 1(US)           | Brand Name | Motorola(Salcomp)  | Model Name | MC-331L        |
| AC Adapter 1(EU)           | Brand Name | Motorola(Salcomp)  | Model Name | MC-332L        |
| AC Adapter 1(UK)           | Brand Name | Motorola(Salcomp)  | Model Name | MC-333L        |
| AC Adapter 1(AU)           | Brand Name | Motorola(Salcomp)  | Model Name | MC-335L        |
| AC Adapter 1(AR)           | Brand Name | Motorola(Salcomp)  | Model Name | MC-336L        |
| AC Adapter 1(BR)           | Brand Name | Motorola(Salcomp)  | Model Name | MC-337L        |
| AC Adapter 2(US)           | Brand Name | Motorola(Chenyang) | Model Name | MC-331L        |
| AC Adapter 2(EU)           | Brand Name | Motorola(Chenyang) | Model Name | MC-332L        |
| AC Adapter 2(UK)           | Brand Name | Motorola(Chenyang) | Model Name | MC-333L        |
| AC Adapter 2(AR)           | Brand Name | Motorola(Chenyang) | Model Name | MC-336L        |
| AC Adapter 2(BR)           | Brand Name | Motorola(Chenyang) | Model Name | MC-337L        |
| Battery 1                  | Brand Name | Motorola(NVT)      | Model Name | RA52           |
| Battery 2                  | Brand Name | Motorola(SUNWODA)  | Model Name | RA52           |
| USB Cable 1                | Brand Name | Motorola(Washin)   | Model Name | HX-ZN-34       |
| USB Cable 2                | Brand Name | Motorola(Juwei)    | Model Name | JWUB1928-ZN01H |
| Earphone                   | Brand Name | Motorola (Juwei)   | Model Name | ZN80400118H001 |



## 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: XT2527-2, FCC ID: IHDT56AV4) is electrically identical to the reference device (Model: XT2527-1, FCC ID: IHDT56AV5) 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 FA530724-01.

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: IHDT56AV4 .

### 2.2 Model Difference Information

The **main** difference between FCC ID: IHDT56AV5 and FCC ID: IHDT56AV4 is as below:

- Remove WCDMA B4, LTE B4/12/13/17/25/66 and 5G NR n2/n66.
- Add LTE B20/32/71/38C/41C and 5G NR n8/n20/n71.
- B41/B41C/n77/n78 Enable PC2 by software.
- Add NSA mode for 5G NR n5/n77.

Other differences and all the details of similarity and difference can be found in the confidential documents (IHDT56AV4 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            | IHDT56AV5                 | Full test         | FR530724A                                        | IHDT56AV4                | Spot check          | Y,<br>All test items   |
|                          | DTS (BLE)       | 2400~2483.5            | IHDT56AV5                 | Full test         | FR530724B                                        | IHDT56AV4                | Spot check          | Y,<br>All test items   |
|                          | DTS (WLAN)      | 2400~2483.5            | IHDT56AV5                 | Full test         | FR530724C                                        | IHDT56AV4                | Spot check          | Y,<br>All test items   |
|                          | DXX (NFC)       | 13.56                  | IHDT56AV5                 | Full test         | FR530724D                                        | IHDT56AV4                | Spot check          | Y,<br>All test items   |
| 15E                      | U-NII           | 5180~5240              | IHDT56AV5                 | Full test         | FR530724E                                        | IHDT56AV4                | Spot check          | Y,<br>All test items   |
|                          |                 | 5260~5320              | IHDT56AV5                 | Full test         | FR530724E                                        | IHDT56AV4                | Spot check          | Y,<br>All test items   |
|                          |                 | 5500~5720              | IHDT56AV5                 | Full test         | FR530724E                                        | IHDT56AV4                | Spot check          | Y,<br>All test items   |
|                          |                 | 5745~5825              | IHDT56AV5                 | Full test         | FR530724E                                        | IHDT56AV4                | Spot check          | Y,<br>All test items   |
|                          |                 | 5260~5320<br>5500~5720 | IHDT56AV5                 | Full test         | FZ530724                                         | IHDT56AV4                | Spot check          | Y,<br>All test items   |
| 22,<br>24,<br>27,<br>90, | PCE (GSM)       | GSM 850/1900           | IHDT56AV5                 | Full test         | FG530724A                                        | IHDT56AV4                | Spot check          | Y,<br>All test items   |
|                          | PCE (WCDMA)     | Band II, V             | IHDT56AV5                 | Full test         | FG530724A                                        | IHDT56AV4                | Spot check          | Y,<br>All test items   |
|                          | PCE (LTE)       | B5/26/7/7C/42          | IHDT56AV5                 | Full test         | FG530724B<br>FG530724C<br>FG530724E<br>FG530724F | IHDT56AV4                | Spot check          | Y,<br>All test items   |
|                          | PCE (LTE)       | B26 (90S)              | IHDT56AV5                 | Full test         | FG530724D                                        | IHDT56AV4                | Spot check          | Y,<br>All test items   |
|                          | PCE (LTE)       | B2/38/38C/41/41C/71    | -                         | -                 | -                                                | -                        | -                   | N                      |

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

**Remark:** All 5G NR spot check or full test bands are not included in this report and will be issued separately.

## 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                                          | IHDT56AV5<br>Parent<br>Worst mode<br>Test Result | IHDT56AV4<br>Variant<br>Check Test<br>Result | Deviation<br>(dB) | Deviation<br>Limit<br>(dB) |
|------------------|----------------------------------------------------|--------------------------------------------------|----------------------------------------------|-------------------|----------------------------|
| BT 1Mbps (CH78)  | Number of Channels                                 | 79                                               | 79                                           | 0                 | 3                          |
|                  | Hopping Channel Separation                         | 0.991                                            | 0.998                                        | 0.007             | 3                          |
|                  | Dwell Time of Each Channel                         | 0.31                                             | 0.31                                         | 0                 | 3                          |
|                  | 20dB Bandwidth                                     | 0.86                                             | 0.86                                         | 0                 | 3                          |
|                  | 99% Bandwidth                                      | 0.758                                            | 0.758                                        | 0                 | 3                          |
|                  | Conducted Band Edges                               | -46.95                                           | -46.67                                       | 0.28              | 3                          |
|                  | Conducted Spurious Emission                        | -36.21                                           | -36.45                                       | 0.24              | 3                          |
| BT 1Mbps (CH78)  | Radiated Band Edges and Radiated Spurious Emission | 46.35                                            | 46.95                                        | 0.6               | 3                          |
| BT               | AC Conducted Emission                              | 7.98                                             | 8.08                                         | 0.1               | 3                          |
| BLE 2Mbps (CH38) | 6dB Bandwidth                                      | 1.18                                             | 1.17                                         | 0.01              | 3                          |
|                  | 99% Bandwidth                                      | 2.054                                            | 2.054                                        | 0                 | 3                          |
|                  | Power Spectral Density                             | -5                                               | -5.08                                        | 0.08              | 3                          |
|                  | Conducted Band Edges                               | -46.83                                           | -47.02                                       | 0.19              | 3                          |
|                  | Conducted Spurious Emission                        | -35.82                                           | -35.51                                       | 0.31              | 3                          |
| BLE 2Mbps (CH39) | Radiated Band Edges and Spurious Emission          | 41.54                                            | 41.29                                        | 0.25              | 3                          |
| BLE              | AC Conducted Emission                              | 7.98                                             | 8.08                                         | 0.1               | 3                          |
| WIFI 2.4G        | 6dB Bandwidth                                      | 17.24                                            | 17.96                                        | 0.72              | 3                          |



|                                   |                                           |         |          |          |   |
|-----------------------------------|-------------------------------------------|---------|----------|----------|---|
| (802.11ax20 CH01)                 | 99% Bandwidth                             | 19.341  | 19.5     | 0.159    | 3 |
|                                   | Power Spectral Density                    | -7.83   | -8.05    | 0.22     | 3 |
|                                   | Conducted Band Edges                      | -18.38  | -18.82   | 0.44     | 3 |
|                                   | Conducted Spurious Emission               | -36.09  | -35.22   | 0.87     | 3 |
| WIFI 2.4G<br>(802.11g CH11)       | Radiated Band Edges and Spurious Emission | 50.75   | 49.21    | 1.54     | 3 |
| WIFI 2.4G                         | AC Conducted Emission                     | 7.98    | 8.08     | 0.1      | 3 |
| FCC-WIFI 5G<br>(802.11ax20 CH149) | 26dB Bandwidth                            | 29      | 28.06    | 0.94     | 3 |
| FCC-WIFI 5G<br>(802.11ax20 CH149) | 99% Bandwidth                             | 19.341  | 19.295   | 0.046    | 3 |
| FCC-WIFI 5G<br>(802.11ax20 CH149) | Power Spectral Density                    | 3.98    | 3.93     | 0.05     | 3 |
| FCC-WIFI 5G<br>(802.11ax20 CH149) | Unwanted Emissions                        | 17.52   | 18.14    | 0.62     | 3 |
| WIFI 5G<br>(802.11ax HE80 CH106)  | DFS                                       | 0.91522 | 0.830828 | 0.084392 | 3 |
| 5G WIFI 11ax<br>HE20_CH64         | Radiated Band Edges and Spurious Emission | 50.65   | 50.01    | 0.64     | 3 |
| WIFI 5G                           | AC Conducted Emission                     | 8.68    | 9.38     | 0.7      | 3 |
| NFC                               | 20dB Emission Bandwidth (MHz)             | 2.48    | 2.48     | 0        | 3 |
|                                   | 99% Occupied Bandwidth (MHz)              | 2.10    | 2.11     | 0.01     | 3 |
|                                   | Frequency Stability                       | -0.5531 | -0.5045  | 0.0486   | 3 |
|                                   | Field Strength of Fundamental (dBuV/m)    | 55.24   | 55.48    | 0.24     | 3 |
|                                   | Radiated Spurious Emissions (dBuV/m)      | 36.16   | 33.85    | 2.31     | 3 |
|                                   | AC Power Line Conducted Emissions(dBuV)   | 9.75    | 8.40     | 1.35     | 3 |
| Part 22/24/27/90<br>(LTE Band 7C) | Equivalent Isotropic Radiated Power       | 20.47   | 20.15    | 0.32     | 3 |
|                                   | Peak-to-Average Ratio                     | 6.41    | 6.22     | 0.19     | 3 |
|                                   | Occupied Bandwidth                        | 28.77   | 28.89    | 0.12     | 3 |
|                                   | Conducted Band Edge                       | -26.22  | -27.35   | 1.13     | 3 |
|                                   | Conducted Spurious Emission               | -51.75  | -53.16   | 1.41     | 3 |
| Part 22/24/27/90<br>(GSM 850)     | Frequency Stability                       | 0.0012  | 0.0027   | 0.0015   | 3 |
|                                   | Radiated Spurious Emission                | -34.48  | -32.78   | 1.7      | 3 |



| Test Item                | Mode               | IHDT56AV5<br>Parent<br>Worst mode<br>Test Result | IHDT56AV4<br>Variant<br>Check Test<br>Result | Deviation<br>(dB) | Deviation<br>Limit<br>(dB) |
|--------------------------|--------------------|--------------------------------------------------|----------------------------------------------|-------------------|----------------------------|
| Conducted Power<br>(dBm) | BT BR/EDR          | 16.74                                            | 15.87                                        | 0.87              | 3                          |
|                          | BLE 1Mbps          | 11.92                                            | 11.67                                        | 0.25              | 3                          |
|                          | BLE 2Mbps          | 11.96                                            | 11.64                                        | 0.32              | 3                          |
|                          | 11b, 2.4GHz        | 18.51                                            | 18.18                                        | 0.33              | 3                          |
|                          | 11g, 2.4GHz        | 18.57                                            | 18.47                                        | 0.10              | 3                          |
|                          | 11n HT20, 2.4GHz   | 18.59                                            | 18.25                                        | 0.34              | 3                          |
|                          | 11n HT40, 2.4GHz   | 16.86                                            | 16.59                                        | 0.33              | 3                          |
|                          | 11ax HE20, 2.4GHz  | 18.69                                            | 18.50                                        | 0.19              | 3                          |
|                          | 11ax HE40, 2.4GHz  | 17.05                                            | 17.59                                        | 0.54              | 3                          |
|                          | 11a, 5.2GHz        | 18.24                                            | 18.21                                        | 0.03              | 3                          |
|                          | 11a, 5.3GHz        | 18.30                                            | 18.26                                        | 0.04              | 3                          |
|                          | 11a, 5.5GHz        | 18.01                                            | 17.96                                        | 0.05              | 3                          |
|                          | 11a, 5.8GHz        | 17.92                                            | 17.86                                        | 0.06              | 3                          |
|                          | 11n HT20, 5.2GHz   | 18.07                                            | 17.92                                        | 0.15              | 3                          |
|                          | 11n HT20, 5.3GHz   | 18.27                                            | 18.11                                        | 0.16              | 3                          |
|                          | 11n HT20, 5.5GHz   | 18.08                                            | 17.97                                        | 0.11              | 3                          |
|                          | 11n HT20, 5.8GHz   | 17.81                                            | 17.61                                        | 0.20              | 3                          |
|                          | 11ac VHT20, 5.2GHz | 18.12                                            | 18.04                                        | 0.08              | 3                          |
|                          | 11ac VHT20, 5.3GHz | 18.34                                            | 18.21                                        | 0.13              | 3                          |
|                          | 11ac VHT20, 5.5GHz | 18.12                                            | 18.03                                        | 0.09              | 3                          |
|                          | 11ac VHT20, 5.8GHz | 17.88                                            | 17.81                                        | 0.07              | 3                          |
|                          | 11ax HE20, 5.2GHz  | 18.23                                            | 18.18                                        | 0.05              | 3                          |
|                          | 11ax HE20, 5.3GHz  | 18.41                                            | 18.36                                        | 0.05              | 3                          |
|                          | 11ax HE20, 5.5GHz  | 18.21                                            | 18.18                                        | 0.03              | 3                          |
|                          | 11ax HE20, 5.8GHz  | 17.97                                            | 17.93                                        | 0.04              | 3                          |
|                          | 11n HT40, 5.2GHz   | 17.29                                            | 17.21                                        | 0.08              | 3                          |
|                          | 11n HT40, 5.3GHz   | 17.70                                            | 17.62                                        | 0.08              | 3                          |
|                          | 11n HT40, 5.5GHz   | 17.19                                            | 17.07                                        | 0.12              | 3                          |
|                          | 11n HT40, 5.8GHz   | 17.18                                            | 17.12                                        | 0.06              | 3                          |
|                          | 11ac VHT40, 5.2GHz | 17.36                                            | 17.35                                        | 0.01              | 3                          |
|                          | 11ac VHT40, 5.3GHz | 17.73                                            | 17.71                                        | 0.02              | 3                          |
|                          | 11ac VHT40, 5.5GHz | 17.25                                            | 17.21                                        | 0.04              | 3                          |
|                          | 11ac VHT40, 5.8GHz | 17.24                                            | 17.22                                        | 0.02              | 3                          |
|                          | 11ax HE40, 5.2GHz  | 17.47                                            | 17.41                                        | 0.06              | 3                          |
|                          | 11ax HE40, 5.3GHz  | 17.82                                            | 17.77                                        | 0.05              | 3                          |
|                          | 11ax HE40, 5.5GHz  | 17.37                                            | 17.34                                        | 0.03              | 3                          |
|                          | 11ax HE40, 5.8GHz  | 17.34                                            | 17.30                                        | 0.04              | 3                          |
|                          | 11ac VHT80, 5.2GHz | 16.33                                            | 16.26                                        | 0.07              | 3                          |
|                          | 11ac VHT80, 5.3GHz | 16.46                                            | 16.30                                        | 0.16              | 3                          |
|                          | 11ac VHT80, 5.5GHz | 16.27                                            | 16.23                                        | 0.04              | 3                          |
|                          | 11ac VHT80, 5.8GHz | 16.20                                            | 16.19                                        | 0.01              | 3                          |
|                          | 11ax HE80, 5.2GHz  | 16.43                                            | 16.38                                        | 0.05              | 3                          |
|                          | 11ax HE80, 5.3GHz  | 16.58                                            | 16.55                                        | 0.03              | 3                          |
|                          | 11ax HE80, 5.5GHz  | 16.38                                            | 16.34                                        | 0.04              | 3                          |
|                          | 11ax HE80, 5.8GHz  | 16.33                                            | 16.30                                        | 0.03              | 3                          |
|                          | GSM 850            | 31.76                                            | 31.65                                        | 0.11              | 3                          |
|                          | GSM 1900           | 28.52                                            | 28.24                                        | 0.28              | 3                          |
|                          | WCDMA 850          | 22.58                                            | 22.53                                        | 0.05              | 3                          |
|                          | WCDMA 1900         | 22.70                                            | 22.65                                        | 0.05              | 3                          |
|                          | LTE B5             | 22.59                                            | 22.49                                        | 0.1               | 3                          |
|                          | LTE B26            | 22.65                                            | 22.54                                        | 0.11              | 3                          |



|  |             |       |       |      |   |
|--|-------------|-------|-------|------|---|
|  | LTE B26-90S | 22.81 | 22.48 | 0.33 | 3 |
|  | LTE B7      | 22.84 | 22.72 | 0.12 | 3 |
|  | LTE B42     | 23.04 | 22.92 | 0.12 | 3 |
|  | LTE B7C     | 22.77 | 22.45 | 0.32 | 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.

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. 10, 2024    | Apr. 23, 2025 | Oct. 09, 2025 | Conducted (TH01-KS)   |
| Pulse Power Sensor        | Anritsu              | MA2411B                  | 0917070      | 300MHz~40GHz    | Jan. 02, 2025    | Apr. 23, 2025 | Jan. 01, 2026 | Conducted (TH01-KS)   |
| Power Meter               | Anritsu              | ML2495A                  | 1005002      | 50MHz Bandwidth | Jan. 02, 2025    | Apr. 23, 2025 | Jan. 01, 2026 | Conducted (TH01-KS)   |
| EMI Test Receiver&SA      | KEYSIGHT             | N9038A                   | MY54450083   | 20Hz~8.4GHz     | Apr. 08, 2025    | Apr. 16, 2025 | Apr. 07, 2026 | Radiation (03CH03-SZ) |
| EXA Spectrum Analyzer     | KEYSIGHT             | N9010A                   | MY55150246   | 10Hz~44GHz;     | Apr. 08, 2025    | Apr. 16, 2025 | Apr. 07, 2026 | Radiation (03CH03-SZ) |
| Loop Antenna              | R&S                  | HFH2-Z2E                 | 101141       | 9kHz~30MHz      | Dec. 28, 2024    | Apr. 16, 2025 | Dec. 27, 2025 | Radiation (03CH03-SZ) |
| Bilog Antenna             | TeseQ                | CBL6112D                 | 35408        | 30MHz~2GHz      | Aug. 20, 2023    | Apr. 16, 2025 | Aug. 19, 2025 | Radiation (03CH03-SZ) |
| Double Ridge Horn Antenna | SCHWARZBECK          | BBHA9120D                | 9120D-1355   | 1GHz~18GHz      | Apr. 08, 2025    | Apr. 16, 2025 | Apr. 07, 2026 | Radiation (03CH03-SZ) |
| HF Amplifier              | MITEQ                | TTA1840-35-HG            | 1871923      | 18GHz~40GHz     | Jul. 03, 2024    | Apr. 16, 2025 | Jul. 02, 2025 | Radiation (03CH03-SZ) |
| SHF-EHF Horn              | com-power            | AH-840                   | 101071       | 18GHz~40GHz     | Apr. 08, 2025    | Apr. 16, 2025 | Apr. 07, 2026 | Radiation (03CH03-SZ) |
| Amplifier                 | Burgeon              | BPA-530                  | 102211       | 0.01Hz~3000MHz  | Oct. 18, 2024    | Apr. 16, 2025 | Oct. 17, 2025 | Radiation (03CH03-SZ) |
| HF Amplifier              | MITEQ                | AMF-7D-00101800-30-10P-R | 1943528      | 1GHz~18GHz      | Oct. 14, 2024    | Apr. 16, 2025 | Oct. 13, 2025 | Radiation (03CH03-SZ) |
| Amplifier                 | Agilent Technologies | 83017A                   | MY39501302   | 500MHz~26.5GHz  | Dec. 27, 2023    | Apr. 16, 2025 | Dec. 26, 2024 | Radiation (03CH03-SZ) |
| AC Power Source           | Chroma               | 61601                    | 616010002729 | N/A             | Oct. 18, 2024    | Apr. 16, 2025 | Oct. 17, 2025 | Radiation (03CH03-SZ) |
| Turn Table                | EM                   | EM1000                   | N/A          | 0~360 degree    | NCR              | Apr. 16, 2025 | NCR           | Radiation (03CH03-SZ) |
| Antenna Mast              | EM                   | EM1000                   | N/A          | 1 m~4 m         | NCR              | Apr. 16, 2025 | NCR           | Radiation (03CH03-SZ) |
| EMI Receiver              | R&S                  | ESR7                     | 102297       | 9kHz~7GHz;      | Jul. 03, 2024    | Apr. 17, 2025 | Jul. 02, 2025 | Conduction (CO02-SZ)  |
| AC LISN                   | R&S                  | ENV216                   | 101499       | 9kHz~30MHz      | Jul. 03, 2024    | Apr. 17, 2025 | Jul. 02, 2025 | Conduction (CO02-SZ)  |
| AC Power Source           | CHROMA               | 61601                    | 616010002470 | 100Vac~250Vac   | Dec. 25, 2024    | Apr. 17, 2025 | Dec. 24, 2025 | Conduction (CO02-SZ)  |
| Spectrum Analyzer         | R&S                  | FSV7                     | 101632       | 10Hz~7GHz       | Jan. 03, 2025    | Apr. 16, 2025 | Jan. 02, 2026 | Conducted (DFS01-KS)  |
| Signal Generator          | KEYSIGHT             | N5182B                   | MY53050604   | 9KHz~6GHz       | Apr. 17, 2024    | Apr. 16, 2025 | Apr. 16, 2025 | Conducted (DFS01-KS)  |
| Combiner                  | MTJ Cooperation      | MTJ7112                  | N/A          | 0.4-6GHz        | NCR              | Apr. 16, 2025 | NCR           | Conducted (DFS01-KS)  |

NCR: No Calibration Required.

**For NFC:**

| Instrument                     | Manufacturer   | Model No. | Serial No.   | Characteristics         | Calibration Date | Test Date     | Due Date      | Remark                |
|--------------------------------|----------------|-----------|--------------|-------------------------|------------------|---------------|---------------|-----------------------|
| EMI Test Receiver              | R&S            | ESR7      | 102261       | 9kHz~7GHz               | Apr. 08, 2025    | Apr. 23, 2025 | Apr. 07, 2026 | Radiation (03CH05-SZ) |
| EXA Spectrum Analyzer          | KEYSIGHT       | N9010B    | MY59071191   | 10Hz~44GHz              | Apr. 08, 2025    | Apr. 23, 2025 | Apr. 07, 2026 | Radiation (03CH05-SZ) |
| Loop Antenna                   | R&S            | HFH2-Z2E  | 101141       | 9kHz~30MHz              | Dec. 28, 2024    | Apr. 23, 2025 | Dec. 27, 2025 | Radiation (03CH05-SZ) |
| Log-periodic Antenna           | SCHWARZBECK    | VULB 9168 | 01001        | 20MHz~1.5GHz            | Jul. 08, 2024    | Apr. 23, 2025 | Jul. 07, 2025 | Radiation (03CH05-SZ) |
| Amplifier                      | EM Electronics | EM330     | 060756       | 0.01Hz~3000MHz          | Apr. 08, 2025    | Apr. 23, 2025 | Apr. 07, 2026 | Radiation (03CH05-SZ) |
| AC Power Source                | APC            | AFV-S-600 | F119050013   | N/A                     | Oct. 14, 2024    | Apr. 23, 2025 | Oct. 13, 2025 | Radiation (03CH05-SZ) |
| Turn Table                     | EMEC           | T-200-S-1 | 060925-T     | 0~360 degree            | NCR              | Apr. 23, 2025 | NCR           | Radiation (03CH05-SZ) |
| Antenna Mast                   | EMEC           | MBS-400-1 | 060927       | 1 m~4 m                 | NCR              | Apr. 23, 2025 | NCR           | Radiation (03CH05-SZ) |
| Spectrum Analyzer              | R&S            | FSV40     | 101040       | 10Hz~40GHz              | Oct. 10, 2024    | Apr. 23, 2025 | Oct. 09, 2025 | Conducted (TH01-KS)   |
| DC Power Supply                | GW INSTEK      | PLR36-10  | GET220683    | Max 20A, 36V            | Jan. 02, 2025    | Apr. 23, 2025 | Jan. 01, 2026 | Conducted (TH01-KS)   |
| Temperature & humidity chamber | Hongzhan       | LP-150U   | H2014011440  | -40~+150°C<br>20%~95%RH | Jul. 04, 2024    | Apr. 23, 2025 | Jul. 03, 2025 | Conducted (TH01-KS)   |
| EMI Receiver                   | R&S            | ESR7      | 102297       | 9kHz~7GHz;              | Jul. 03, 2024    | Apr. 17, 2025 | Jul. 02, 2025 | Conduction (CO02-SZ)  |
| AC LISN                        | R&S            | ENV216    | 101499       | 9kHz~30MHz              | Jul. 03, 2024    | Apr. 17, 2025 | Jul. 02, 2025 | Conduction (CO02-SZ)  |
| AC Power Source                | CHROMA         | 61601     | 616010002470 | 100Vac~250Vac           | Dec.25, 2024     | Apr. 17, 2025 | Dec. 24, 2025 | Conduction (CO02-SZ)  |

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. 10, 2024    | Apr. 22, 2025~<br>Apr. 23, 2025 | Oct. 09, 2025 | Conducted (TH01-KS)   |
| Power divider                  | STI          | STI08-0055    | -            | 0.5~40GHz               | NCR              | Apr. 22, 2025~<br>Apr. 23, 2025 | NCR           | Conducted (TH01-KS)   |
| Temperature & humidity chamber | Hongzhan     | LP-150U       | H2014011440  | -40~+150°C<br>20%~95%RH | Jul. 04, 2024    | Apr. 22, 2025~<br>Apr. 23, 2025 | Jul. 03, 2025 | Conducted (TH01-KS)   |
| EXA Spectrum Analyzer          | KEYSIGHT     | N9010A        | MY55150213   | 10Hz~44GHz              | Jul. 03, 2024    | Apr. 16, 2025~<br>Apr. 27, 2025 | Jul. 02, 2025 | Radiation (03CH02-SZ) |
| Loop Antenna                   | R&S          | HFH2-Z2E      | 101141       | 9kHz~30MHz              | Dec. 28, 2024    | Apr. 16, 2025~<br>Apr. 27, 2025 | Dec. 27, 2025 | Radiation (03CH02-SZ) |
| Bilog Antenna                  | TeseQ        | CBL6112D      | 35407        | 30MHz-2GHz              | Oct. 24, 2023    | Apr. 16, 2025~<br>Apr. 27, 2025 | Oct. 23, 2025 | Radiation (03CH02-SZ) |
| Double Ridge Horn Antenna      | ETS-Lindgren | 3117          | 00119436     | 1GHz~18GHz              | Jul. 04, 2024    | Apr. 16, 2025~<br>Apr. 27, 2025 | Jul. 04, 2025 | Radiation (03CH02-SZ) |
| HF Amplifier                   | MITEQ        | TTA1840-35-HG | 1871923      | 18GHz~40GHz             | Jul. 03, 2024    | Apr. 16, 2025~<br>Apr. 27, 2025 | Jul. 03, 2025 | Radiation (03CH02-SZ) |
| SHF-EHF Horn                   | com-power    | AH-840        | 101071       | 18Ghz-40GHz             | Apr. 08, 2025    | Apr. 16, 2025~<br>Apr. 27, 2025 | Apr. 07, 2026 | Radiation (03CH02-SZ) |
| LF Amplifier                   | Burgeon      | BPA-530       | 102211       | 0.01~3000Mhz            | Oct. 18, 2024    | Apr. 16, 2025~<br>Apr. 27, 2025 | Oct. 17, 2025 | Radiation (03CH02-SZ) |
| HF Amplifier                   | KEYSIGHT     | 83017A        | MY53270105   | 0.5GHz~26.5GHz          | Oct. 14, 2024    | Apr. 16, 2025~<br>Apr. 27, 2025 | Oct. 13, 2025 | Radiation (03CH02-SZ) |
| AC Power Source                | Chroma       | 61601         | 616010003043 | N/A                     | Oct. 18, 2024    | Apr. 16, 2025~<br>Apr. 27, 2025 | Oct. 17, 2025 | Radiation (03CH02-SZ) |
| Turn Table                     | Chaintek     | T-200         | N/A          | 0~360 degree            | NCR              | Apr. 16, 2025~<br>Apr. 27, 2025 | NCR           | Radiation (03CH02-SZ) |
| Antenna Mast                   | Chaintek     | MBS-400       | N/A          | 1 m~4 m                 | NCR              | Apr. 16, 2025~<br>Apr. 27, 2025 | NCR           | Radiation (03CH02-SZ) |

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)

| Test Item                              | Uncertainty |
|----------------------------------------|-------------|
| 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                              | ±0.04 Hz    |

### Uncertainty of Conducted Measurement (DFS)

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

### Uncertainty of Conducted Measurement (NFC)

| Test Item                  | Uncertainty |
|----------------------------|-------------|
| Occupied Channel Bandwidth | ±0.1%       |
| Frequency                  | ±0.04 Hz    |

### Uncertainty of Conducted Measurement (WWAN)

| Test Item                              | Uncertainty |
|----------------------------------------|-------------|
| Conducted Spurious Emission & Bandedge | ±2.22 dB    |
| Occupied Channel Bandwidth             | ±0.1%       |
| Conducted Power                        | ±0.50 dB    |
| Peak to Average Ratio                  | ±0.90 dB    |
| Frequency Stability                    | ±0.04 ppm   |

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

|                                                                         |        |
|-------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 2.5 dB |
|-------------------------------------------------------------------------|--------|

03CH03-SZ(BT/WIF):

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

|                                                                         |         |
|-------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 5.00 dB |
|-------------------------------------------------------------------------|---------|

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

|                                                                         |         |
|-------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 4.90 dB |
|-------------------------------------------------------------------------|---------|

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

|                                                                         |         |
|-------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 5.00 dB |
|-------------------------------------------------------------------------|---------|

03CH05-SZ(NFC):

**Uncertainty of Radiated Emission Measurement (9 kHz ~ 30 MHz)**

|                                                                         |         |
|-------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 2.50 dB |
|-------------------------------------------------------------------------|---------|

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

|                                                                         |         |
|-------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 4.20 dB |
|-------------------------------------------------------------------------|---------|

03CH02-SZ(WWAN):

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

|                                                                         |         |
|-------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 2.47 dB |
|-------------------------------------------------------------------------|---------|

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

|                                                                         |         |
|-------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 3.31 dB |
|-------------------------------------------------------------------------|---------|

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

|                                                                         |         |
|-------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 3.72 dB |
|-------------------------------------------------------------------------|---------|

**-THE END-**



## Appendix A. Radiated Spurious Emission

|                 |              |                     |         |
|-----------------|--------------|---------------------|---------|
| Test Engineer : | Shunping You | Relative Humidity : | 50%     |
|                 |              | Temperature :       | 20-24°C |

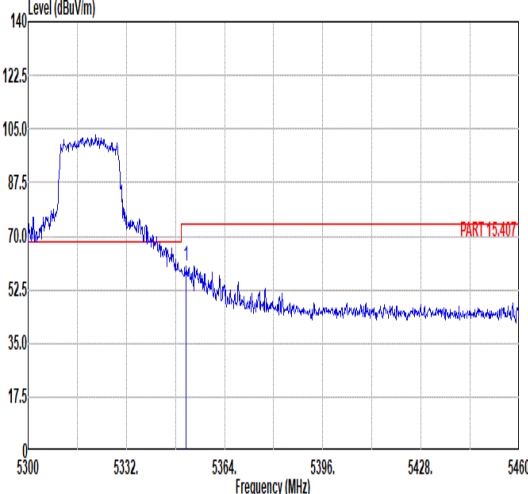
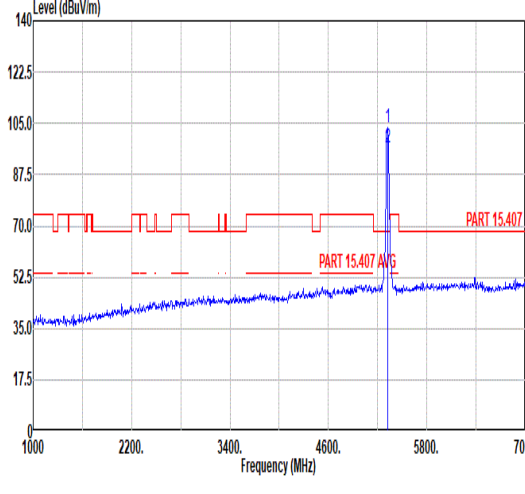
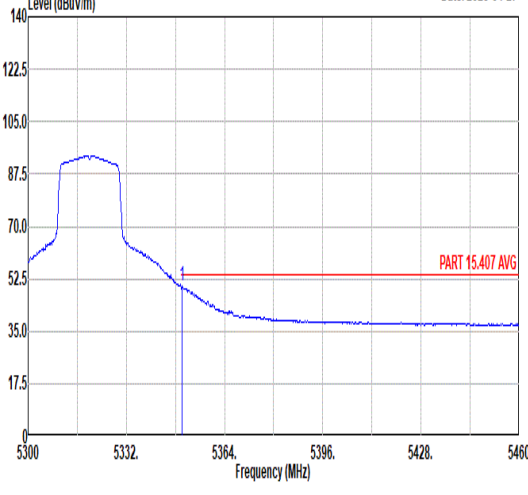
### Radiated Spurious Emission Test Modes

| Mode   | Band  | Band (GHz) | Antenna | Modulation    | Channel | Frequency | Data Rate | RU   | Remark |
|--------|-------|------------|---------|---------------|---------|-----------|-----------|------|--------|
| Mode 1 | CO-TX | 5.25-5.35  | 5       | 802.11ax HE20 | 64      | 5320      | MCS0      | Full | -      |
|        |       | -          | -       | BT on         | -       | -         | -         | -    | -      |
|        |       | -          | -       | NFC on        | -       | -         | -         | -    | -      |
|        |       | -          | -       | LTE Band 71   | LINK    | -         | -         | -    | -      |
| Mode 2 | CO-TX | 5.25-5.35  | 5       | 802.11ax HE20 | 64      | 5320      | MCS0      | Full | -      |
|        |       | -          | -       | BT on         | -       | -         | -         | -    | -      |
|        |       | -          | -       | NFC on        | -       | -         | -         | -    | -      |
|        |       | -          | -       | LTE Band 41   | LINK    | -         | -         | -    | -      |
| Mode 3 | CO-TX |            |         | LF            |         |           |           |      |        |

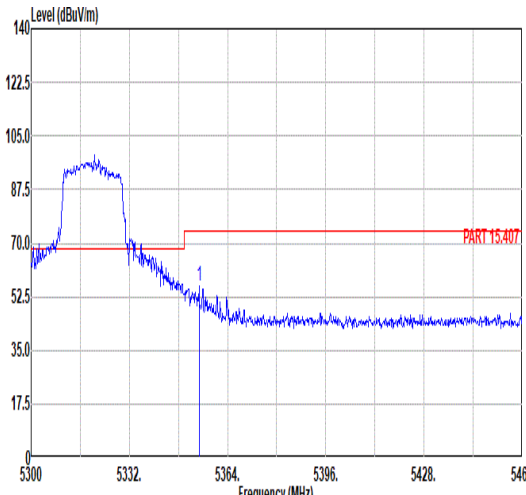
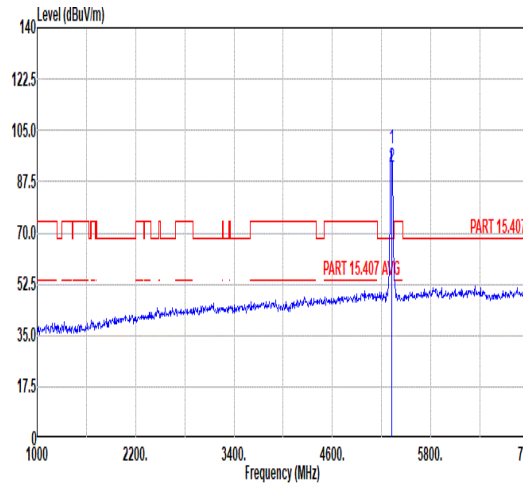
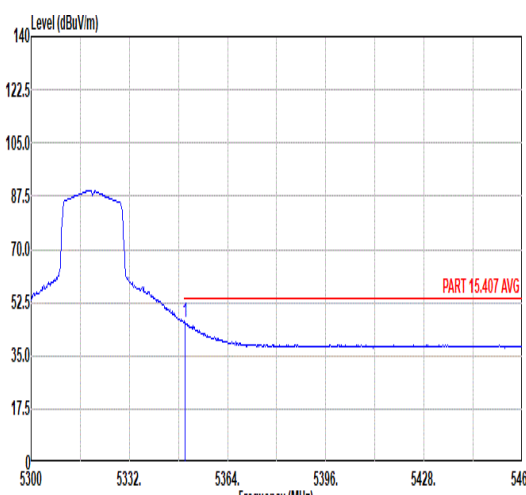
### Summary of each worse mode

| Mode | Modulation       | Ch. | Freq. (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Pol. | Peak Avg. | Result | Remark    |
|------|------------------|-----|-------------|----------------|----------------|-------------|------|-----------|--------|-----------|
| 1    | 802.11ax HE20    | 64  | 5350.24     | 49.99          | 54.00          | -4.01       | H    | Average   | Pass   | Band Edge |
|      | 802.11ax HE20    | 64  | 15960.00    | 46.33          | 74.00          | -27.67      | H    | Peak      | Pass   | Harmonic  |
| 2    | 802.11ax HE20    | 64  | 5350.10     | 49.71          | 54.00          | -4.29       | H    | AVERAGE   | Pass   | Band Edge |
|      | 802.11ax HE20    | 64  | 10640.00    | 47.57          | 74.00          | -26.43      | H    | Peak      | Pass   | Harmonic  |
| 3    | 802.11ax HE20_LF | 64  | 34.85       | 26.73          | 40.00          | -13.27      | V    | Peak      | Pass   | LF        |

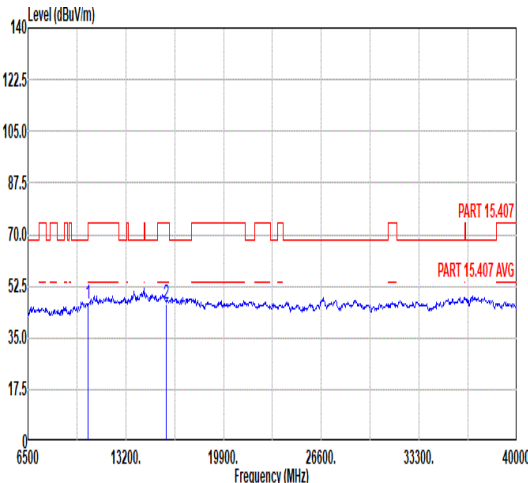
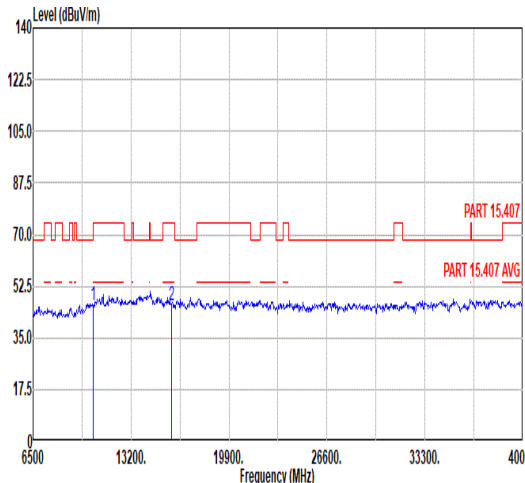


| Mode        | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |        |        |        |       |        |        |     |    |         |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |        |       |        |       |       |      |       |     |    |         |   |         |       |       |       |       |       |      |       |     |    |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|-------|--------|--------|-----|----|---------|--|-------|------|-----|-------|--------|------|------|--|------|-------|------|--------|-------|--------|------|--------|--------|--|-----|--------|--------|----|------|------|----|----|-----|---|---------|--------|-------|--------|-------|-------|------|-------|-----|----|---------|---|---------|-------|-------|-------|-------|-------|------|-------|-----|----|
|             | Band Edge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |        |        |        |       |        |        |     |    |         |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |        |       |        |       |       |      |       |     |    |         |   |         |       |       |       |       |       |      |       |     |    |
|             | LTE Band 71 + 802.11ax HE20 + BT on + NFC on.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |        |        |        |       |        |        |     |    |         |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |        |       |        |       |       |      |       |     |    |         |   |         |       |       |       |       |       |      |       |     |    |
| ANT         | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |        |        |        |       |        |        |     |    |         |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |        |       |        |       |       |      |       |     |    |         |   |         |       |       |       |       |       |      |       |     |    |
| Pol.        | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        |        |        |        |       |        |        |     |    |         |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |        |       |        |       |       |      |       |     |    |         |   |         |       |       |       |       |       |      |       |     |    |
| Peak        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |        |        |        |       |        |        |     |    |         |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |        |       |        |       |       |      |       |     |    |         |   |         |       |       |       |       |       |      |       |     |    |
|             | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</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>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>cm</th><th>deg</th></tr><tr><td>1</td><td>5351.52</td><td>60.07</td><td>74.00</td><td>-13.93</td><td>50.29</td><td>34.11</td><td>8.33</td><td>32.66</td><td>161</td><td>40</td><td>Peak</td></tr></table>                                                                                                                                                                            |        |        |        |        |       |        |        |     |    |         |  | Limit | Read | Ant | Cable | Preamp | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | cm | deg | 1 | 5351.52 | 60.07  | 74.00 | -13.93 | 50.29 | 34.11 | 8.33 | 32.66 | 161 | 40 | Peak    |   |         |       |       |       |       |       |      |       |     |    |
|             | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Read   | Ant    | Cable  | Preamp | APos  | TPos   |        |     |    |         |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |        |       |        |       |       |      |       |     |    |         |   |         |       |       |       |       |       |      |       |     |    |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Line   | Margin | Level  | Factor | Loss  | Factor | Remark |     |    |         |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |        |       |        |       |       |      |       |     |    |         |   |         |       |       |       |       |       |      |       |     |    |
|             | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dBuV/m | dBuV/m | dB     | dBuV   | dB/m  | dB     | cm     | deg |    |         |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |        |       |        |       |       |      |       |     |    |         |   |         |       |       |       |       |       |      |       |     |    |
| 1           | 5351.52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 60.07  | 74.00  | -13.93 | 50.29  | 34.11 | 8.33   | 32.66  | 161 | 40 | Peak    |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |        |       |        |       |       |      |       |     |    |         |   |         |       |       |       |       |       |      |       |     |    |
| Fundamental |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |        |        |        |       |        |        |     |    |         |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |        |       |        |       |       |      |       |     |    |         |   |         |       |       |       |       |       |      |       |     |    |
|             | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</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>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>cm</th><th>deg</th></tr><tr><td>1</td><td>5320.00</td><td>103.66</td><td>-----</td><td>-----</td><td>93.99</td><td>34.09</td><td>8.25</td><td>32.67</td><td>161</td><td>40</td><td>Peak</td></tr><tr><td>2</td><td>5320.00</td><td>96.65</td><td>-----</td><td>-----</td><td>86.98</td><td>34.09</td><td>8.25</td><td>32.67</td><td>161</td><td>40</td><td>Average</td></tr></table> |        |        |        |        |       |        |        |     |    |         |  | Limit | Read | Ant | Cable | Preamp | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | cm | deg | 1 | 5320.00 | 103.66 | ----- | -----  | 93.99 | 34.09 | 8.25 | 32.67 | 161 | 40 | Peak    | 2 | 5320.00 | 96.65 | ----- | ----- | 86.98 | 34.09 | 8.25 | 32.67 | 161 | 40 |
|             | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Read   | Ant    | Cable  | Preamp | APos  | TPos   |        |     |    |         |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |        |       |        |       |       |      |       |     |    |         |   |         |       |       |       |       |       |      |       |     |    |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Line   | Margin | Level  | Factor | Loss  | Factor | Remark |     |    |         |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |        |       |        |       |       |      |       |     |    |         |   |         |       |       |       |       |       |      |       |     |    |
|             | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dBuV/m | dBuV/m | dB     | dBuV   | dB/m  | dB     | cm     | deg |    |         |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |        |       |        |       |       |      |       |     |    |         |   |         |       |       |       |       |       |      |       |     |    |
| 1           | 5320.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 103.66 | -----  | -----  | 93.99  | 34.09 | 8.25   | 32.67  | 161 | 40 | Peak    |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |        |       |        |       |       |      |       |     |    |         |   |         |       |       |       |       |       |      |       |     |    |
| 2           | 5320.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 96.65  | -----  | -----  | 86.98  | 34.09 | 8.25   | 32.67  | 161 | 40 | Average |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |        |       |        |       |       |      |       |     |    |         |   |         |       |       |       |       |       |      |       |     |    |
| Avg         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |        |        |        |       |        |        |     |    |         |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |        |       |        |       |       |      |       |     |    |         |   |         |       |       |       |       |       |      |       |     |    |
|             | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</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>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>cm</th><th>deg</th></tr><tr><td>1</td><td>5350.24</td><td>49.99</td><td>54.00</td><td>-4.01</td><td>40.21</td><td>34.11</td><td>8.33</td><td>32.66</td><td>161</td><td>40</td><td>Average</td></tr></table>                                                                                                                                                                          |        |        |        |        |       |        |        |     |    |         |  | Limit | Read | Ant | Cable | Preamp | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | cm | deg | 1 | 5350.24 | 49.99  | 54.00 | -4.01  | 40.21 | 34.11 | 8.33 | 32.66 | 161 | 40 | Average |   |         |       |       |       |       |       |      |       |     |    |
|             | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Read   | Ant    | Cable  | Preamp | APos  | TPos   |        |     |    |         |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |        |       |        |       |       |      |       |     |    |         |   |         |       |       |       |       |       |      |       |     |    |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Line   | Margin | Level  | Factor | Loss  | Factor | Remark |     |    |         |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |        |       |        |       |       |      |       |     |    |         |   |         |       |       |       |       |       |      |       |     |    |
|             | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dBuV/m | dBuV/m | dB     | dBuV   | dB/m  | dB     | cm     | deg |    |         |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |        |       |        |       |       |      |       |     |    |         |   |         |       |       |       |       |       |      |       |     |    |
| 1           | 5350.24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 49.99  | 54.00  | -4.01  | 40.21  | 34.11 | 8.33   | 32.66  | 161 | 40 | Average |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |        |       |        |       |       |      |       |     |    |         |   |         |       |       |       |       |       |      |       |     |    |
| Blank       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |        |        |        |       |        |        |     |    |         |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |        |       |        |       |       |      |       |     |    |         |   |         |       |       |       |       |       |      |       |     |    |

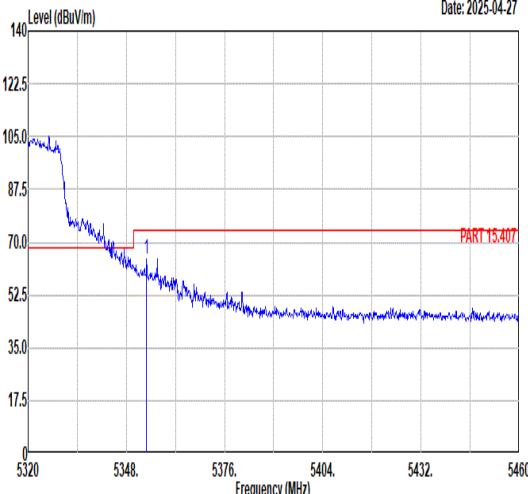
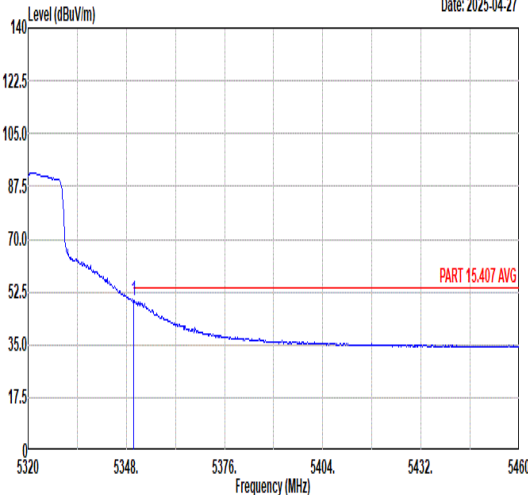
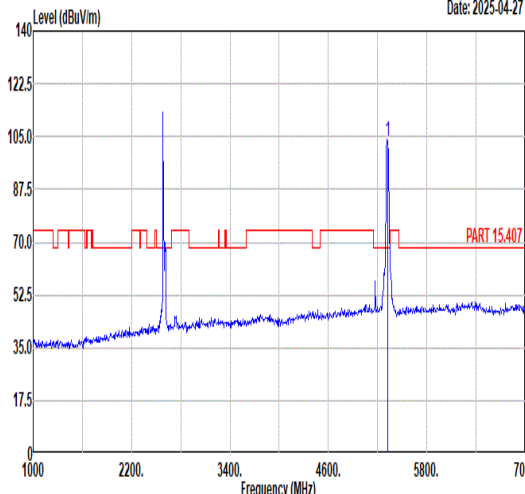
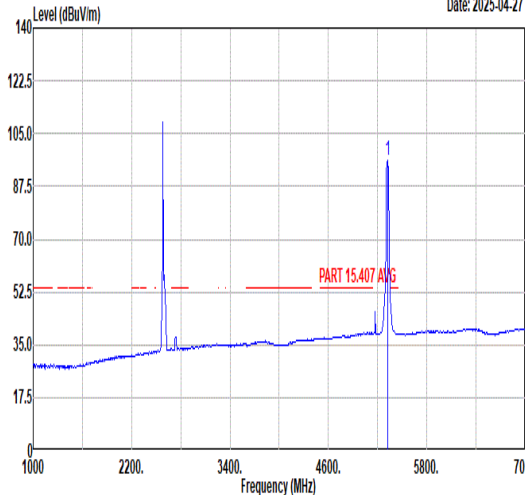


| Mode | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |        |        |        |       |                                                                                     |        |      |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |   |         |       |       |       |       |       |      |       |     |     |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|-------|-------------------------------------------------------------------------------------|--------|------|-----|---------|--------|------|------|--|------|-------|------|--------|-------|--------|------|--------|--------|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|-----|-----|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|-------|------|-----|-------|--------|------|------|--|------|-------|------|--------|-------|--------|------|--------|--------|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|-------|-------|-------|------|-------|-----|-----|------|---|---------|-------|-------|-------|-------|-------|------|-------|-----|-----|
|      | Band Edge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |        |        |        |       |                                                                                     |        |      |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |   |         |       |       |       |       |       |      |       |     |     |
|      | LTE Band 71 + 802.11ax HE20 + BT on + NFC on.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |        |        |        |       |                                                                                     |        |      |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |   |         |       |       |       |       |       |      |       |     |     |
| ANT  | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |        |        |        |       |                                                                                     |        |      |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |   |         |       |       |       |       |       |      |       |     |     |
| Pol. | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |        |        |        |       | Fundamental                                                                         |        |      |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |   |         |       |       |       |       |       |      |       |     |     |
| Peak |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |        |        |        |       |  |        |      |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |   |         |       |       |       |       |       |      |       |     |     |
|      | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</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>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>cm</th><th>deg</th></tr><tr><td>1</td><td>5354.72</td><td>56.23</td><td>74.00</td><td>-17.77</td><td>46.44</td><td>34.11</td><td>8.34</td><td>32.66</td><td>115</td><td>266</td><td>Peak</td></tr></table>   |        |        |        |        |       |                                                                                     | Limit  | Read | Ant | Cable   | Preamp | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 5354.72 | 56.23 | 74.00 | -17.77 | 46.44 | 34.11 | 8.34 | 32.66 | 115 | 266 | Peak    | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</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>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>cm</th><th>deg</th></tr><tr><td>1</td><td>5320.00</td><td>98.84</td><td>-----</td><td>-----</td><td>89.17</td><td>34.09</td><td>8.25</td><td>32.67</td><td>115</td><td>266</td><td>Peak</td></tr><tr><td>2</td><td>5320.00</td><td>92.32</td><td>-----</td><td>-----</td><td>82.65</td><td>34.09</td><td>8.25</td><td>32.67</td><td>115</td><td>266</td><td>Average</td></tr></table> |  |  |  |  |  | Limit | Read | Ant | Cable | Preamp | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 5320.00 | 98.84 | ----- | ----- | 89.17 | 34.09 | 8.25 | 32.67 | 115 | 266 | Peak | 2 | 5320.00 | 92.32 | ----- | ----- | 82.65 | 34.09 | 8.25 | 32.67 | 115 | 266 |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Read   | Ant    | Cable  | Preamp | APos  | TPos                                                                                |        |      |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |   |         |       |       |       |       |       |      |       |     |     |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Line   | Margin | Level  | Factor | Loss  | Factor                                                                              | Remark |      |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |   |         |       |       |       |       |       |      |       |     |     |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | dBuV/m | dB     | dBuV   | dB/m   | dB    | dB                                                                                  | cm     | deg  |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |   |         |       |       |       |       |       |      |       |     |     |
| 1    | 5354.72                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 56.23  | 74.00  | -17.77 | 46.44  | 34.11 | 8.34                                                                                | 32.66  | 115  | 266 | Peak    |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |   |         |       |       |       |       |       |      |       |     |     |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Read   | Ant    | Cable  | Preamp | APos  | TPos                                                                                |        |      |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |   |         |       |       |       |       |       |      |       |     |     |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Line   | Margin | Level  | Factor | Loss  | Factor                                                                              | Remark |      |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |   |         |       |       |       |       |       |      |       |     |     |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | dBuV/m | dB     | dBuV   | dB/m   | dB    | dB                                                                                  | cm     | deg  |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |   |         |       |       |       |       |       |      |       |     |     |
| 1    | 5320.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 98.84  | -----  | -----  | 89.17  | 34.09 | 8.25                                                                                | 32.67  | 115  | 266 | Peak    |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |   |         |       |       |       |       |       |      |       |     |     |
| 2    | 5320.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 92.32  | -----  | -----  | 82.65  | 34.09 | 8.25                                                                                | 32.67  | 115  | 266 | Average |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |   |         |       |       |       |       |       |      |       |     |     |
| Avg  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |        |        |        |       | Blank                                                                               |        |      |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |   |         |       |       |       |       |       |      |       |     |     |
|      | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</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>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>cm</th><th>deg</th></tr><tr><td>1</td><td>5350.08</td><td>45.73</td><td>54.00</td><td>-8.27</td><td>35.95</td><td>34.11</td><td>8.33</td><td>32.66</td><td>115</td><td>266</td><td>Average</td></tr></table> |        |        |        |        |       |                                                                                     | Limit  | Read | Ant | Cable   | Preamp | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 5350.08 | 45.73 | 54.00 | -8.27  | 35.95 | 34.11 | 8.33 | 32.66 | 115 | 266 | Average |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |   |         |       |       |       |       |       |      |       |     |     |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Read   | Ant    | Cable  | Preamp | APos  | TPos                                                                                |        |      |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |   |         |       |       |       |       |       |      |       |     |     |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Line   | Margin | Level  | Factor | Loss  | Factor                                                                              | Remark |      |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |   |         |       |       |       |       |       |      |       |     |     |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | dBuV/m | dB     | dBuV   | dB/m   | dB    | dB                                                                                  | cm     | deg  |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |   |         |       |       |       |       |       |      |       |     |     |
| 1    | 5350.08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 45.73  | 54.00  | -8.27  | 35.95  | 34.11 | 8.33                                                                                | 32.66  | 115  | 266 | Average |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |     |     |      |   |         |       |       |       |       |       |      |       |     |     |



| Mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |        |        |        |        |         |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|---------|--------|-------------------------------------------------------------------------------------|-------|------|-------|--------|--------|------|------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|------|------|-----|----|----------|----------|-------|--------|--------|-------|---------|-------|----------|----------|-------|--------|--------|-------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|-------|-------|------|-------|--------|--------|------|------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|------|------|-----|----|----------|----------|-------|--------|--------|-------|---------|-------|----------|----------|-------|--------|--------|-------|---------|-------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Harmonic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |        |        |        |        |         |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | LTE Band 71 + 802.11ax HE20 + BT on + NFC on.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |        |        |        |        |         |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| ANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |        |        |        |        |         |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| 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>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>10640.00</td><td>46.26</td><td>74.00</td><td>-27.74</td><td>56.23</td><td>37.78</td><td>10.94</td></tr><tr><td>2</td><td>15960.00</td><td>46.33</td><td>74.00</td><td>-27.67</td><td>53.41</td><td>39.59</td><td>12.70</td></tr></table> |        |        |        |        |        |         |        |                                                                                     | Limit | Read | Ant   | Cable  | Preamp | APos | TPos | Freq  | Level | Line   | Margin | Level  | Factor | Loss   | Factor | MHz    | dBuV/m | dBuV/m | dB   | dBuV | dB/m | dB  | dB | 1        | 10640.00 | 46.26 | 74.00  | -27.74 | 56.23 | 37.78   | 10.94 | 2        | 15960.00 | 46.33 | 74.00  | -27.67 | 53.41 | 39.59   | 12.70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</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>10640.00</td><td>46.15</td><td>74.00</td><td>-27.85</td><td>56.12</td><td>37.78</td><td>10.94</td></tr><tr><td>2</td><td>15960.00</td><td>46.03</td><td>74.00</td><td>-27.97</td><td>53.11</td><td>39.59</td><td>12.70</td></tr></table> |  |  |  |  |  |  |  |       | Limit | Read | Ant   | Cable  | Preamp | APos | TPos | Freq  | Level | Line   | Margin | Level  | Factor | Loss   | Factor | MHz    | dBuV/m | dBuV/m | dB   | dBuV | dB/m | dB  | dB | 1        | 10640.00 | 46.15 | 74.00  | -27.85 | 56.12 | 37.78   | 10.94 | 2        | 15960.00 | 46.03 | 74.00  | -27.97 | 53.11 | 39.59   | 12.70 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Limit  | Read   | Ant    | Cable  | Preamp | APos    | TPos   |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Level  | Line   | Margin | Level  | Factor | Loss    | Factor |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dBuV/m | dB     | dBuV   | dB/m   | dB     | dB      |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10640.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 46.26  | 74.00  | -27.74 | 56.23  | 37.78  | 10.94   |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 15960.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 46.33  | 74.00  | -27.67 | 53.41  | 39.59  | 12.70   |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Read   | Ant    | Cable  | Preamp | APos   | TPos    |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Line   | Margin | Level  | Factor | Loss   | Factor  |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dBuV/m | dB     | dBuV   | dB/m   | dB     | dB      |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10640.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 46.15  | 74.00  | -27.85 | 56.12  | 37.78  | 10.94   |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 15960.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 46.03  | 74.00  | -27.97 | 53.11  | 39.59  | 12.70   |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</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>cm</th></tr><tr><td>1</td><td>10640.00</td><td>46.26</td><td>74.00</td><td>-27.74</td><td>56.23</td><td>37.78</td><td>10.94</td></tr><tr><td>2</td><td>15960.00</td><td>46.33</td><td>74.00</td><td>-27.67</td><td>53.41</td><td>39.59</td><td>12.70</td></tr></table>      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |        |        |        |        |         |        | Limit                                                                               | Read  | Ant  | Cable | Preamp | APos   | TPos | Freq | Level | Line  | Margin | Level  | Factor | Loss   | Factor | MHz    | dBuV/m | dBuV/m | dB     | dBuV | dB/m | dB   | cm  | 1  | 10640.00 | 46.26    | 74.00 | -27.74 | 56.23  | 37.78 | 10.94   | 2     | 15960.00 | 46.33    | 74.00 | -27.67 | 53.41  | 39.59 | 12.70   | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</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>cm</th></tr><tr><td>1</td><td>10640.00</td><td>46.15</td><td>74.00</td><td>-27.85</td><td>56.12</td><td>37.78</td><td>10.94</td></tr><tr><td>2</td><td>15960.00</td><td>46.03</td><td>74.00</td><td>-27.97</td><td>53.11</td><td>39.59</td><td>12.70</td></tr></table>      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  | Limit | Read  | Ant  | Cable | Preamp | APos   | TPos | Freq | Level | Line  | Margin | Level  | Factor | Loss   | Factor | MHz    | dBuV/m | dBuV/m | dB     | dBuV | dB/m | dB   | cm  | 1  | 10640.00 | 46.15    | 74.00 | -27.85 | 56.12  | 37.78 | 10.94   | 2     | 15960.00 | 46.03    | 74.00 | -27.97 | 53.11  | 39.59 | 12.70   |       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Read   | Ant    | Cable  | Preamp | APos   | TPos    |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Line   | Margin | Level  | Factor | Loss   | Factor  |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dBuV/m | dB     | dBuV   | dB/m   | dB     | cm      |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10640.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 46.26  | 74.00  | -27.74 | 56.23  | 37.78  | 10.94   |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 15960.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 46.33  | 74.00  | -27.67 | 53.41  | 39.59  | 12.70   |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Read   | Ant    | Cable  | Preamp | APos   | TPos    |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Line   | Margin | Level  | Factor | Loss   | Factor  |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dBuV/m | dB     | dBuV   | dB/m   | dB     | cm      |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10640.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 46.15  | 74.00  | -27.85 | 56.12  | 37.78  | 10.94   |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 15960.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 46.03  | 74.00  | -27.97 | 53.11  | 39.59  | 12.70   |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</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>deg</th></tr><tr><td>1</td><td>10640.00</td><td>46.26</td><td>74.00</td><td>-27.74</td><td>56.23</td><td>37.78</td><td>-- Peak</td></tr><tr><td>2</td><td>15960.00</td><td>46.33</td><td>74.00</td><td>-27.67</td><td>53.41</td><td>39.59</td><td>-- Peak</td></tr></table> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |        |        |        |        |         |        | Limit                                                                               | Read  | Ant  | Cable | Preamp | APos   | TPos | Freq | Level | Line  | Margin | Level  | Factor | Loss   | Factor | MHz    | dBuV/m | dBuV/m | dB     | dBuV | dB/m | dB   | deg | 1  | 10640.00 | 46.26    | 74.00 | -27.74 | 56.23  | 37.78 | -- Peak | 2     | 15960.00 | 46.33    | 74.00 | -27.67 | 53.41  | 39.59 | -- Peak | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</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>deg</th></tr><tr><td>1</td><td>10640.00</td><td>46.15</td><td>74.00</td><td>-27.85</td><td>56.12</td><td>37.78</td><td>-- Peak</td></tr><tr><td>2</td><td>15960.00</td><td>46.03</td><td>74.00</td><td>-27.97</td><td>53.11</td><td>39.59</td><td>-- Peak</td></tr></table> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  | Limit | Read  | Ant  | Cable | Preamp | APos   | TPos | Freq | Level | Line  | Margin | Level  | Factor | Loss   | Factor | MHz    | dBuV/m | dBuV/m | dB     | dBuV | dB/m | dB   | deg | 1  | 10640.00 | 46.15    | 74.00 | -27.85 | 56.12  | 37.78 | -- Peak | 2     | 15960.00 | 46.03    | 74.00 | -27.97 | 53.11  | 39.59 | -- Peak |       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Read   | Ant    | Cable  | Preamp | APos   | TPos    |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Line   | Margin | Level  | Factor | Loss   | Factor  |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dBuV/m | dB     | dBuV   | dB/m   | dB     | deg     |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10640.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 46.26  | 74.00  | -27.74 | 56.23  | 37.78  | -- Peak |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 15960.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 46.33  | 74.00  | -27.67 | 53.41  | 39.59  | -- Peak |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Read   | Ant    | Cable  | Preamp | APos   | TPos    |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Line   | Margin | Level  | Factor | Loss   | Factor  |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dBuV/m | dB     | dBuV   | dB/m   | dB     | deg     |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10640.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 46.15  | 74.00  | -27.85 | 56.12  | 37.78  | -- Peak |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 15960.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 46.03  | 74.00  | -27.97 | 53.11  | 39.59  | -- Peak |        |                                                                                     |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |       |       |      |       |        |        |      |      |       |       |        |        |        |        |        |        |        |        |        |      |      |      |     |    |          |          |       |        |        |       |         |       |          |          |       |        |        |       |         |       |



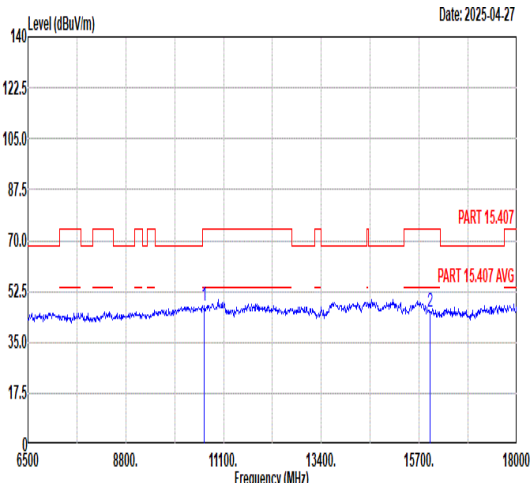
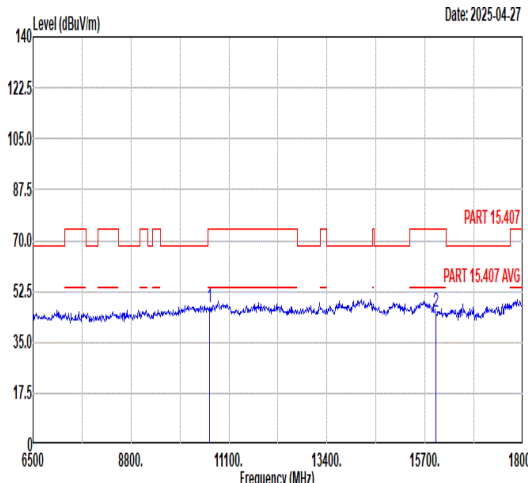
| Mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |        |       |        |       |        |        |     |            |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|-------|--------|-------|--------|--------|-----|------------|--|-------|-------|------|-------|--------|--------|------|------|------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-----|--------|--------|--------|------|------|------|----|----|-----|-----|---------|---------|--------|-------|-------|--------|-------|-------|-------|---------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Band Edge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |        |       |        |       |        |        |     |            |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | LTE Band 41 + 802.11ax HE20 + BT on + NFC on.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |        |       |        |       |        |        |     |            |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
| ANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |        |       |        |       |        |        |     |            |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
| Pol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |        |       |        |       |        |        |     |            |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
| Peak                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Fundamental                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |        |       |        |       |        |        |     |            |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Date: 2025-04-27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |        |       |        |       |        |        |     |            |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |        |       |        |       |        |        |     |            |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
| <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</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>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>5353.74</td><td>64.56</td><td>74.00</td><td>-9.44</td><td>54.77</td><td>34.11</td><td>8.34</td><td>32.66</td><td>106</td><td>58 PEAK</td></tr></table> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |        |       |        |       |        |        |     |            |  | Limit | Read  | Ant  | Cable | Preamp | APos   | TPos |      | Freq | Level | Line  | Margin | Level  | Factor | Loss   | Factor | Remark |        | MHz | dBuV/m | dBuV/m | dB     | dBuV | dB/m | dB   | dB | cm | deg | 1   | 5353.74 | 64.56   | 74.00  | -9.44 | 54.77 | 34.11  | 8.34  | 32.66 | 106   | 58 PEAK |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Read   | Ant    | Cable | Preamp | APos  | TPos   |        |     |            |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Line   | Margin | Level | Factor | Loss  | Factor | Remark |     |            |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | dBuV/m | dBuV/m | dB    | dBuV   | dB/m  | dB     | dB     | cm  | deg        |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5353.74                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 64.56  | 74.00  | -9.44 | 54.77  | 34.11 | 8.34   | 32.66  | 106 | 58 PEAK    |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
| Avg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Date: 2025-04-27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |        |       |        |       |        |        |     |            |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |        |       |        |       |        |        |     |            |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</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>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>5350.10</td><td>49.71</td><td>54.00</td><td>-4.29</td><td>39.93</td><td>34.11</td><td>8.33</td><td>32.66</td><td>106</td><td>58 AVERAGE</td></tr></table> |        |        |       |        |       |        |        |     |            |  |       | Limit | Read | Ant   | Cable  | Preamp | APos | TPos |      | Freq  | Level | Line   | Margin | Level  | Factor | Loss   | Factor | Remark |     | MHz    | dBuV/m | dBuV/m | dB   | dBuV | dB/m | dB | dB | cm  | deg | 1       | 5350.10 | 49.71  | 54.00 | -4.29 | 39.93  | 34.11 | 8.33  | 32.66 | 106     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Read   | Ant    | Cable | Preamp | APos  | TPos   |        |     |            |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Line   | Margin | Level | Factor | Loss  | Factor | Remark |     |            |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | dBuV/m | dBuV/m | dB    | dBuV   | dB/m  | dB     | dB     | cm  | deg        |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5350.10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 49.71  | 54.00  | -4.29 | 39.93  | 34.11 | 8.33   | 32.66  | 106 | 58 AVERAGE |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
| Peak                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Date: 2025-04-27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |        |       |        |       |        |        |     |            |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |        |       |        |       |        |        |     |            |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</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>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>5320.00</td><td>103.80</td><td>-----</td><td>-----</td><td>101.53</td><td>30.64</td><td>5.06</td><td>33.43</td><td>106</td><td>58 PEAK</td></tr></table>  |        |        |       |        |       |        |        |     |            |  |       | Limit | Read | Ant   | Cable  | Preamp | APos | TPos |      | Freq  | Level | Line   | Margin | Level  | Factor | Loss   | Factor | Remark |     | MHz    | dBuV/m | dBuV/m | dB   | dBuV | dB/m | dB | dB | cm  | deg | 1       | 5320.00 | 103.80 | ----- | ----- | 101.53 | 30.64 | 5.06  | 33.43 | 106     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Read   | Ant    | Cable | Preamp | APos  | TPos   |        |     |            |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Line   | Margin | Level | Factor | Loss  | Factor | Remark |     |            |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | dBuV/m | dBuV/m | dB    | dBuV   | dB/m  | dB     | dB     | cm  | deg        |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5320.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 103.80 | -----  | ----- | 101.53 | 30.64 | 5.06   | 33.43  | 106 | 58 PEAK    |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
| Avg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Date: 2025-04-27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |        |       |        |       |        |        |     |            |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |        |       |        |       |        |        |     |            |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</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>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>5320.00</td><td>95.90</td><td>-----</td><td>-----</td><td>93.63</td><td>30.64</td><td>5.06</td><td>33.43</td><td>106</td><td>58 AVERAGE</td></tr></table> |        |        |       |        |       |        |        |     |            |  |       | Limit | Read | Ant   | Cable  | Preamp | APos | TPos |      | Freq  | Level | Line   | Margin | Level  | Factor | Loss   | Factor | Remark |     | MHz    | dBuV/m | dBuV/m | dB   | dBuV | dB/m | dB | dB | cm  | deg | 1       | 5320.00 | 95.90  | ----- | ----- | 93.63  | 30.64 | 5.06  | 33.43 | 106     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Read   | Ant    | Cable | Preamp | APos  | TPos   |        |     |            |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Line   | Margin | Level | Factor | Loss  | Factor | Remark |     |            |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | dBuV/m | dBuV/m | dB    | dBuV   | dB/m  | dB     | dB     | cm  | deg        |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5320.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 95.90  | -----  | ----- | 93.63  | 30.64 | 5.06   | 33.43  | 106 | 58 AVERAGE |  |       |       |      |       |        |        |      |      |      |       |       |        |        |        |        |        |        |        |     |        |        |        |      |      |      |    |    |     |     |         |         |        |       |       |        |       |       |       |         |

Remark: All signals exceeding the limit are fundamental frequency signals and can be ignored.

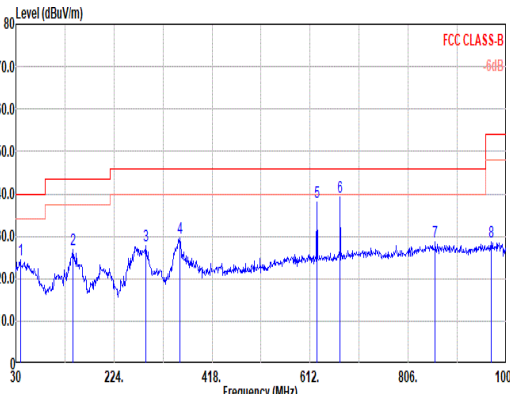
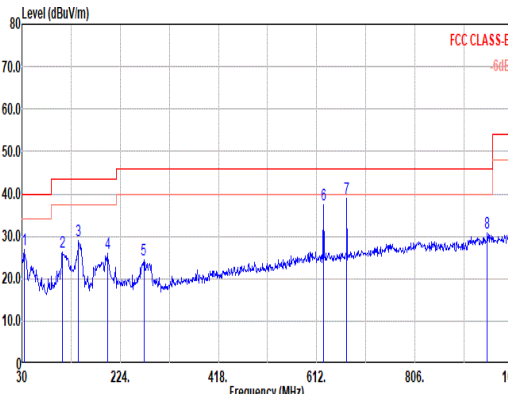


| Mode | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |        |        |        |        |             |        |      |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|-------------|--------|------|-----|---------|--------|------|------|--|------|-------|------|--------|-------|--------|------|--------|--------|--|-----|--------|--------|----|------|------|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|-----|-----|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|-------|------|-----|-------|--------|------|------|--|------|-------|------|--------|-------|--------|------|--------|--------|--|-----|--------|--------|----|------|------|----|----|-----|---|---------|-------|-------|-------|-------|-------|------|-------|-----|-----|---------|
|      | Band Edge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |        |        |        |        |             |        |      |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |
|      | LTE Band 41 + 802.11ax HE20 + BT on + NFC on.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |        |        |        |        |             |        |      |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |
| ANT  | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |        |        |        |        |             |        |      |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |
| Pol. | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |        |        |        |        | Fundamental |        |      |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |
| Peak | <div><p>Level (dBuV/m) <span>Date: 2025-04-27</span></p><p>Frequency (MHz)</p><table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</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>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>cm</th><th>deg</th></tr><tr><td>1</td><td>5350.10</td><td>55.49</td><td>74.00</td><td>-18.51</td><td>45.71</td><td>34.11</td><td>8.33</td><td>32.66</td><td>103</td><td>257</td><td>PEAK</td></tr></table></div>   |        |        |        |        |        |             | Limit  | Read | Ant | Cable   | Preamp | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | cm | deg | 1 | 5350.10 | 55.49 | 74.00 | -18.51 | 45.71 | 34.11 | 8.33 | 32.66 | 103 | 257 | PEAK    | <div><p>Level (dBuV/m) <span>Date: 2025-04-27</span></p><p>Frequency (MHz)</p><table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</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>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>cm</th><th>deg</th></tr><tr><td>1</td><td>5320.00</td><td>97.58</td><td>-----</td><td>-----</td><td>95.31</td><td>30.64</td><td>5.06</td><td>33.43</td><td>103</td><td>257</td><td>PEAK</td></tr></table></div>    |  |  |  |  |  |  | Limit | Read | Ant | Cable | Preamp | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | cm | deg | 1 | 5320.00 | 97.58 | ----- | ----- | 95.31 | 30.64 | 5.06 | 33.43 | 103 | 257 | PEAK    |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Limit  | Read   | Ant    | Cable  | Preamp | APos        | TPos   |      |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Line   | Margin | Level  | Factor | Loss   | Factor      | Remark |      |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | dBuV/m | dBuV/m | dB     | dBuV   | dB/m   | dB          | cm     | deg  |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |
| 1    | 5350.10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 55.49  | 74.00  | -18.51 | 45.71  | 34.11  | 8.33        | 32.66  | 103  | 257 | PEAK    |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Read   | Ant    | Cable  | Preamp | APos   | TPos        |        |      |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Line   | Margin | Level  | Factor | Loss   | Factor      | Remark |      |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | dBuV/m | dBuV/m | dB     | dBuV   | dB/m   | dB          | cm     | deg  |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |
| 1    | 5320.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 97.58  | -----  | -----  | 95.31  | 30.64  | 5.06        | 33.43  | 103  | 257 | PEAK    |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |
| Avg  | <div><p>Level (dBuV/m) <span>Date: 2025-04-27</span></p><p>Frequency (MHz)</p><table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</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>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>cm</th><th>deg</th></tr><tr><td>1</td><td>5350.10</td><td>46.21</td><td>54.00</td><td>-7.79</td><td>36.43</td><td>34.11</td><td>8.33</td><td>32.66</td><td>103</td><td>257</td><td>AVERAGE</td></tr></table></div> |        |        |        |        |        |             | Limit  | Read | Ant | Cable   | Preamp | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | cm | deg | 1 | 5350.10 | 46.21 | 54.00 | -7.79  | 36.43 | 34.11 | 8.33 | 32.66 | 103 | 257 | AVERAGE | <div><p>Level (dBuV/m) <span>Date: 2025-04-27</span></p><p>Frequency (MHz)</p><table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</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>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>cm</th><th>deg</th></tr><tr><td>1</td><td>5320.00</td><td>89.80</td><td>-----</td><td>-----</td><td>87.53</td><td>30.64</td><td>5.06</td><td>33.43</td><td>103</td><td>257</td><td>AVERAGE</td></tr></table></div> |  |  |  |  |  |  | Limit | Read | Ant | Cable | Preamp | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | cm | deg | 1 | 5320.00 | 89.80 | ----- | ----- | 87.53 | 30.64 | 5.06 | 33.43 | 103 | 257 | AVERAGE |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Read   | Ant    | Cable  | Preamp | APos   | TPos        |        |      |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Line   | Margin | Level  | Factor | Loss   | Factor      | Remark |      |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | dBuV/m | dBuV/m | dB     | dBuV   | dB/m   | dB          | cm     | deg  |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |
| 1    | 5350.10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 46.21  | 54.00  | -7.79  | 36.43  | 34.11  | 8.33        | 32.66  | 103  | 257 | AVERAGE |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Read   | Ant    | Cable  | Preamp | APos   | TPos        |        |      |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Line   | Margin | Level  | Factor | Loss   | Factor      | Remark |      |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | dBuV/m | dBuV/m | dB     | dBuV   | dB/m   | dB          | cm     | deg  |     |         |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |
| 1    | 5320.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 89.80  | -----  | -----  | 87.53  | 30.64  | 5.06        | 33.43  | 103  | 257 | AVERAGE |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |        |       |       |      |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |       |      |     |       |        |      |      |  |      |       |      |        |       |        |      |        |        |  |     |        |        |    |      |      |    |    |     |   |         |       |       |       |       |       |      |       |     |     |         |



| Mode            | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |        |        |        |       |        |        |        |         |        |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|--------|--------|-------|--------|--------|--------|---------|--------|--------|------|-------|------|--------|-------|--------|------|--------|--|--|-----|--------|--------|----|------|------|----|----|----|-----|--|---|----------|-------|-------|--------|-------|-------|-------|-------|----|---------|---|----------|-------|-------|--------|-------|-------|-------|-------|----|---------|--|--|-------|--|------|-----|-------|--------|------|------|--------|------|-------|------|--------|-------|--------|------|--------|--|--|-----|--------|--------|----|------|------|----|----|----|-----|--|---|----------|-------|-------|--------|-------|-------|-------|-------|----|---------|---|----------|-------|-------|--------|-------|-------|-------|-------|----|---------|
|                 | Harmonic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |        |        |        |       |        |        |        |         |        |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |
|                 | LTE Band 41 + 802.11ax HE20 + BT on + NFC on.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |        |        |        |       |        |        |        |         |        |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |
| ANT             | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |        |        |        |       |        |        |        |         |        |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |
| Pol.            | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Vertical |        |        |        |       |        |        |        |         |        |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |
| Peak<br><br>Avg | <div><div>Level (dBuV/m)</div><div><div>Date: 2025-04-27</div></div><div><table><tr><th colspan="2"></th><th colspan="2">Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th rowspan="2">Remark</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></th><th></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>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>10640.00</td><td>47.57</td><td>74.00</td><td>-26.43</td><td>57.54</td><td>37.78</td><td>10.94</td><td>58.69</td><td>--</td><td>-- Peak</td></tr><tr><td>2</td><td>15960.00</td><td>45.19</td><td>74.00</td><td>-28.81</td><td>52.27</td><td>39.59</td><td>12.70</td><td>59.37</td><td>--</td><td>-- Peak</td></tr></table></div></div> <div><div>Level (dBuV/m)</div><div><div>Date: 2025-04-27</div></div><div><table><tr><th colspan="2"></th><th colspan="2">Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th rowspan="2">Remark</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></th><th></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>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>10640.00</td><td>46.77</td><td>74.00</td><td>-27.23</td><td>56.74</td><td>37.78</td><td>10.94</td><td>58.69</td><td>--</td><td>-- Peak</td></tr><tr><td>2</td><td>15960.00</td><td>45.21</td><td>74.00</td><td>-28.79</td><td>52.29</td><td>39.59</td><td>12.70</td><td>59.37</td><td>--</td><td>-- Peak</td></tr></table></div></div> |          |        | Limit  |        | Read  | Ant    | Cable  | Preamp | APos    | TPos   | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 10640.00 | 47.57 | 74.00 | -26.43 | 57.54 | 37.78 | 10.94 | 58.69 | -- | -- Peak | 2 | 15960.00 | 45.19 | 74.00 | -28.81 | 52.27 | 39.59 | 12.70 | 59.37 | -- | -- Peak |  |  | Limit |  | Read | Ant | Cable | Preamp | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 10640.00 | 46.77 | 74.00 | -27.23 | 56.74 | 37.78 | 10.94 | 58.69 | -- | -- Peak | 2 | 15960.00 | 45.21 | 74.00 | -28.79 | 52.29 | 39.59 | 12.70 | 59.37 | -- | -- Peak |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          | Limit  |        | Read   | Ant   | Cable  | Preamp | APos   | TPos    | Remark |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |
| Freq            | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Line     | Margin | Level  | Factor | Loss  | Factor |        |        |         |        |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |
| MHz             | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dBuV/m   | dB     | dBuV   | dB/m   | dB    | dB     | cm     | deg    |         |        |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |
| 1               | 10640.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 47.57    | 74.00  | -26.43 | 57.54  | 37.78 | 10.94  | 58.69  | --     | -- Peak |        |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |
| 2               | 15960.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 45.19    | 74.00  | -28.81 | 52.27  | 39.59 | 12.70  | 59.37  | --     | -- Peak |        |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Limit    |        | Read   | Ant    | Cable | Preamp | APos   | TPos   | Remark  |        |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |
| Freq            | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Line     | Margin | Level  | Factor | Loss  | Factor |        |        |         |        |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |
| MHz             | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dBuV/m   | dB     | dBuV   | dB/m   | dB    | dB     | cm     | deg    |         |        |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |
| 1               | 10640.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 46.77    | 74.00  | -27.23 | 56.74  | 37.78 | 10.94  | 58.69  | --     | -- Peak |        |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |
| 2               | 15960.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 45.21    | 74.00  | -28.79 | 52.29  | 39.59 | 12.70  | 59.37  | --     | -- Peak |        |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |  |  |       |  |      |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |     |        |        |    |      |      |    |    |    |     |  |   |          |       |       |        |       |       |       |       |    |         |   |          |       |       |        |       |       |       |       |    |         |



| Mode            | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |        |        |        |        |          |       |        |        |      |        |        |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|----------|-------|--------|--------|------|--------|--------|------|-------|-------|------|--------|------|-----|-------|--------|------|------|--------|--|-----|--------|--------|----|----|------|------|----|----|----|-----|--|---|-------|-------|-------|--------|-------|-------|------|-------|----|----|----|------|---|--------|-------|-------|--------|-------|-------|------|-------|----|----|----|------|---|--------|-------|-------|--------|-------|-------|------|-------|----|----|----|------|---|--------|-------|-------|--------|-------|-------|------|-------|----|----|----|------|---|--------|-------|-------|--------|-------|-------|------|-------|----|----|----|------|---|--------|-------|--|--|-------|-------|------|-------|----|----|----|------|---|--------|-------|-------|--------|-------|-------|------|-------|----|----|----|------|---|--------|-------|-------|--------|-------|-------|------|-------|----|----|----|------|
|                 | LF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |        |        |        |        |          |       |        |        |      |        |        |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |
|                 | LTE Band 71 + 802.11ax HE20 + BT on + NFC on.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |        |        |        |        |          |       |        |        |      |        |        |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |
| ANT             | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |        |        |        |        |          |       |        |        |      |        |        |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |
| Pol.            | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |        |        |        |        | Vertical |       |        |        |      |        |        |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |
| Peak<br><br>Avg |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |        |        |        |        |          |       |        |        |      |        |        |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |
|                 | <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</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></tr><tr><td>1</td><td>38.73</td><td>24.31</td><td>40.00</td><td>-15.69</td><td>39.43</td><td>19.16</td><td>0.62</td><td>34.90</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>142.52</td><td>26.81</td><td>43.50</td><td>-16.69</td><td>41.93</td><td>18.35</td><td>1.25</td><td>34.72</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>3</td><td>287.05</td><td>27.91</td><td>46.00</td><td>-18.09</td><td>42.06</td><td>18.72</td><td>1.76</td><td>34.63</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>4</td><td>353.98</td><td>29.69</td><td>46.00</td><td>-16.31</td><td>42.02</td><td>20.31</td><td>1.95</td><td>34.59</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>5</td><td>625.50</td><td>38.03</td><td></td><td></td><td>43.75</td><td>26.17</td><td>2.66</td><td>34.55</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>6</td><td>671.50</td><td>39.23</td><td></td><td></td><td>44.32</td><td>26.62</td><td>2.75</td><td>34.46</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>7</td><td>859.35</td><td>28.78</td><td>46.00</td><td>-17.22</td><td>31.20</td><td>28.77</td><td>3.11</td><td>34.30</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>8</td><td>970.90</td><td>28.79</td><td>54.00</td><td>-25.21</td><td>29.87</td><td>29.88</td><td>3.30</td><td>34.26</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr></table> |        |        |        |        |        |          |       |        |        |      |        |        | Freq | Level | Limit | Line | Margin | Read | Ant | Cable | Preamp | APos | TPos | Remark |  | MHz | dBuV/m | dBuV/m | dB | dB | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 38.73 | 24.31 | 40.00 | -15.69 | 39.43 | 19.16 | 0.62 | 34.90 | -- | -- | -- | Peak | 2 | 142.52 | 26.81 | 43.50 | -16.69 | 41.93 | 18.35 | 1.25 | 34.72 | -- | -- | -- | Peak | 3 | 287.05 | 27.91 | 46.00 | -18.09 | 42.06 | 18.72 | 1.76 | 34.63 | -- | -- | -- | Peak | 4 | 353.98 | 29.69 | 46.00 | -16.31 | 42.02 | 20.31 | 1.95 | 34.59 | -- | -- | -- | Peak | 5 | 625.50 | 38.03 |       |        | 43.75 | 26.17 | 2.66 | 34.55 | -- | -- | -- | Peak | 6 | 671.50 | 39.23 |  |  | 44.32 | 26.62 | 2.75 | 34.46 | -- | -- | -- | Peak | 7 | 859.35 | 28.78 | 46.00 | -17.22 | 31.20 | 28.77 | 3.11 | 34.30 | -- | -- | -- | Peak | 8 | 970.90 | 28.79 | 54.00 | -25.21 | 29.87 | 29.88 | 3.30 | 34.26 | -- | -- | -- | Peak |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Freq   | Level  | Limit  | Line   | Margin | Read     | Ant   | Cable  | Preamp | APos | TPos   | Remark |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |
|                 | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dBuV/m | dBuV/m | dB     | dB     | dBuV   | dB/m     | dB    | dB     | cm     | deg  |        |        |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |
| 1               | 38.73                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 24.31  | 40.00  | -15.69 | 39.43  | 19.16  | 0.62     | 34.90 | --     | --     | --   | Peak   |        |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |
| 2               | 142.52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 26.81  | 43.50  | -16.69 | 41.93  | 18.35  | 1.25     | 34.72 | --     | --     | --   | Peak   |        |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |
| 3               | 287.05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 27.91  | 46.00  | -18.09 | 42.06  | 18.72  | 1.76     | 34.63 | --     | --     | --   | Peak   |        |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |
| 4               | 353.98                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 29.69  | 46.00  | -16.31 | 42.02  | 20.31  | 1.95     | 34.59 | --     | --     | --   | Peak   |        |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |
| 5               | 625.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 38.03  |        |        | 43.75  | 26.17  | 2.66     | 34.55 | --     | --     | --   | Peak   |        |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |
| 6               | 671.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 39.23  |        |        | 44.32  | 26.62  | 2.75     | 34.46 | --     | --     | --   | Peak   |        |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |
| 7               | 859.35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 28.78  | 46.00  | -17.22 | 31.20  | 28.77  | 3.11     | 34.30 | --     | --     | --   | Peak   |        |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |
| 8               | 970.90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 28.79  | 54.00  | -25.21 | 29.87  | 29.88  | 3.30     | 34.26 | --     | --     | --   | Peak   |        |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |        |        |        |        |          |       |        |        |      |        |        |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |
|                 | <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</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></tr><tr><td>1</td><td>34.85</td><td>26.73</td><td>40.00</td><td>-13.27</td><td>42.37</td><td>18.68</td><td>0.58</td><td>34.90</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>109.54</td><td>26.35</td><td>43.50</td><td>-17.15</td><td>44.34</td><td>15.68</td><td>1.11</td><td>34.78</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>3</td><td>141.55</td><td>29.03</td><td>43.50</td><td>-14.47</td><td>44.23</td><td>18.27</td><td>1.25</td><td>34.72</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>4</td><td>198.78</td><td>25.84</td><td>43.50</td><td>-17.66</td><td>43.01</td><td>16.05</td><td>1.48</td><td>34.70</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>5</td><td>270.56</td><td>24.31</td><td>46.00</td><td>-21.69</td><td>39.05</td><td>18.21</td><td>1.71</td><td>34.66</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>6</td><td>625.50</td><td>37.44</td><td></td><td></td><td>43.16</td><td>26.17</td><td>2.66</td><td>34.55</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>7</td><td>671.50</td><td>38.82</td><td></td><td></td><td>43.91</td><td>26.62</td><td>2.75</td><td>34.46</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>8</td><td>948.59</td><td>30.69</td><td>46.00</td><td>-15.31</td><td>31.99</td><td>29.74</td><td>3.26</td><td>34.30</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr></table> |        |        |        |        |        |          |       |        |        |      |        |        | Freq | Level | Limit | Line | Margin | Read | Ant | Cable | Preamp | APos | TPos | Remark |  | MHz | dBuV/m | dBuV/m | dB | dB | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 34.85 | 26.73 | 40.00 | -13.27 | 42.37 | 18.68 | 0.58 | 34.90 | -- | -- | -- | Peak | 2 | 109.54 | 26.35 | 43.50 | -17.15 | 44.34 | 15.68 | 1.11 | 34.78 | -- | -- | -- | Peak | 3 | 141.55 | 29.03 | 43.50 | -14.47 | 44.23 | 18.27 | 1.25 | 34.72 | -- | -- | -- | Peak | 4 | 198.78 | 25.84 | 43.50 | -17.66 | 43.01 | 16.05 | 1.48 | 34.70 | -- | -- | -- | Peak | 5 | 270.56 | 24.31 | 46.00 | -21.69 | 39.05 | 18.21 | 1.71 | 34.66 | -- | -- | -- | Peak | 6 | 625.50 | 37.44 |  |  | 43.16 | 26.17 | 2.66 | 34.55 | -- | -- | -- | Peak | 7 | 671.50 | 38.82 |       |        | 43.91 | 26.62 | 2.75 | 34.46 | -- | -- | -- | Peak | 8 | 948.59 | 30.69 | 46.00 | -15.31 | 31.99 | 29.74 | 3.26 | 34.30 | -- | -- | -- | Peak |
|                 | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Level  | Limit  | Line   | Margin | Read   | Ant      | Cable | Preamp | APos   | TPos | Remark |        |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |
|                 | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dBuV/m | dBuV/m | dB     | dB     | dBuV   | dB/m     | dB    | dB     | cm     | deg  |        |        |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |
| 1               | 34.85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 26.73  | 40.00  | -13.27 | 42.37  | 18.68  | 0.58     | 34.90 | --     | --     | --   | Peak   |        |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |
| 2               | 109.54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 26.35  | 43.50  | -17.15 | 44.34  | 15.68  | 1.11     | 34.78 | --     | --     | --   | Peak   |        |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |
| 3               | 141.55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 29.03  | 43.50  | -14.47 | 44.23  | 18.27  | 1.25     | 34.72 | --     | --     | --   | Peak   |        |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |
| 4               | 198.78                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 25.84  | 43.50  | -17.66 | 43.01  | 16.05  | 1.48     | 34.70 | --     | --     | --   | Peak   |        |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |
| 5               | 270.56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 24.31  | 46.00  | -21.69 | 39.05  | 18.21  | 1.71     | 34.66 | --     | --     | --   | Peak   |        |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |
| 6               | 625.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 37.44  |        |        | 43.16  | 26.17  | 2.66     | 34.55 | --     | --     | --   | Peak   |        |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |
| 7               | 671.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 38.82  |        |        | 43.91  | 26.62  | 2.75     | 34.46 | --     | --     | --   | Peak   |        |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |
| 8               | 948.59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 30.69  | 46.00  | -15.31 | 31.99  | 29.74  | 3.26     | 34.30 | --     | --     | --   | Peak   |        |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |    |      |      |    |    |    |     |  |   |       |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |  |  |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |   |        |       |       |        |       |       |      |       |    |    |    |      |

Remark: 625.5MHz & 671.5MHz are WWAN fundamental frequency signals and can be ignored



## **Appendix C. Reference Report**



# FCC RF Test Report

APPLICANT : Motorola Mobility LLC  
EQUIPMENT : Mobile Cellular Phone  
BRAND NAME : Motorola  
MODEL NAME : XT2527-1  
FCC ID : IHDT56AV5  
STANDARD : FCC Part 15 Subpart C §15.247  
CLASSIFICATION : (DSS) Spread Spectrum Transmitter  
TEST DATE(S) : Mar. 20, 2025 ~ Apr. 17, 2025

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.

This report contains data that were produced under subcontract by Sporton International Inc. (Shenzhen)

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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| <b>APPENDIX E. SETUP PHOTOGRAPHS</b>                            |           |



## REVISION HISTORY

| REPORT NO. | VERSION | DESCRIPTION                                                                                                                                                                               | ISSUED DATE   |
|------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| FR530724A  | Rev. 01 | Initial issue of report                                                                                                                                                                   | Apr. 21, 2025 |
| FR530724A  | Rev. 02 | 1. Update the equipment calibration date in section 4.<br>2. Update Duty Cycle plot in Appendix D.<br><br>This report is an update version, replacing the report issued on Apr. 21, 2025. | Apr. 23, 2025 |
|            |         |                                                                                                                                                                                           |               |
|            |         |                                                                                                                                                                                           |               |
|            |         |                                                                                                                                                                                           |               |
|            |         |                                                                                                                                                                                           |               |
|            |         |                                                                                                                                                                                           |               |
|            |         |                                                                                                                                                                                           |               |
|            |         |                                                                                                                                                                                           |               |
|            |         |                                                                                                                                                                                           |               |
|            |         |                                                                                                                                                                                           |               |
|            |         |                                                                                                                                                                                           |               |
|            |         |                                                                                                                                                                                           |               |
|            |         |                                                                                                                                                                                           |               |

## SUMMARY OF TEST RESULT

| Report Section | FCC Rule           | Description                                        | Limit                                  | Result      | Remark                                   |
|----------------|--------------------|----------------------------------------------------|----------------------------------------|-------------|------------------------------------------|
| 3.1            | 15.247(a)(1)       | Number of Channels                                 | $\geq 15\text{Chs}$                    | Pass        | -                                        |
| 3.2            | 15.247(a)(1)       | Hopping Channel Separation                         | $\geq 2/3$ of 20dB BW                  | Pass        | -                                        |
| 3.3            | 15.247(a)(1)       | Dwell Time of Each Channel                         | $\leq 0.4\text{sec}$ in 31.6sec period | Pass        | -                                        |
| 3.3            | 15.247(a)(1)       | 20dB Bandwidth                                     | -                                      | Report only | -                                        |
| 3.4            | -                  | 99% Bandwidth                                      | -                                      | Report only | -                                        |
| 3.5            | 15.247(b)(1)       | Peak Output Power                                  | $\leq 125\text{ mW}$                   | Pass        | -                                        |
| 3.6            | 15.247(d)          | Conducted Band Edges                               | $\leq 20\text{dBc}$                    | Pass        | -                                        |
| 3.7            | 15.247(d)          | Conducted Spurious Emission                        | $\leq 20\text{dBc}$                    | Pass        | -                                        |
| 3.8            | 15.247(d)          | Radiated Band Edges and Radiated Spurious Emission | 15.209(a) & 15.247(d)                  | Pass        | Under limit<br>14.47 dB at<br>141.55 MHz |
| 3.9            | 15.207             | AC Conducted Emission                              | 15.207(a)                              | Pass        | Under limit<br>6.75 dB at<br>0.18 MHz    |
| 3.10           | 15.203 & 15.247(b) | Antenna Requirement                                | 15.203 & 15.247(b)                     | Pass        | -                                        |

**Conformity Assessment Condition:**

- 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.
- 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

Motorola Mobility LLC

222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

## 1.2 Manufacturer

Motorola Mobility LLC

222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

## 1.3 Product Feature of Equipment Under Test

| Product Feature |                                                                                                                    |
|-----------------|--------------------------------------------------------------------------------------------------------------------|
| Equipment       | Mobile Cellular Phone                                                                                              |
| Brand Name      | Motorola                                                                                                           |
| Model Name      | XT2527-1                                                                                                           |
| FCC ID          | IHDT56AV5                                                                                                          |
| IMEI/SN Code    | Conducted: NN0R250102<br>Conduction: 358887330039734/358887330039742<br>Radiation: 358887330040591/358887330040609 |
| HW Version      | DVT2                                                                                                               |
| SW Version      | V2VN35.50                                                                                                          |
| 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 Product Specification of Equipment Under Test

| Standards-related Product Specification |                                                                                                                                            |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Tx/Rx Frequency Range                   | 2402 MHz ~ 2480 MHz                                                                                                                        |
| Number of Channels                      | 79                                                                                                                                         |
| Carrier Frequency of Each Channel       | 2402+n*1 MHz; n=0~78                                                                                                                       |
| Maximum Output Power to Antenna         | Bluetooth BR(1Mbps) : 16.97 dBm (0.0498 W)<br>Bluetooth EDR (2Mbps) : 16.38 dBm (0.0435 W)<br>Bluetooth EDR (3Mbps) : 16.28 dBm (0.0425 W) |
| 99% Occupied Bandwidth                  | Bluetooth BR(1Mbps) : 0.758MHz<br>Bluetooth EDR (2Mbps) : 1.142MHz<br>Bluetooth EDR (3Mbps) : 1.127MHz                                     |
| Antenna Type / Gain                     | IFA Antenna type with gain -2.50 dBi                                                                                                       |
| Type of Modulation                      | Bluetooth BR (1Mbps) : GFSK<br>Bluetooth EDR (2Mbps) : $\pi/4$ -DQPSK<br>Bluetooth EDR (3Mbps) : 8-DPSK                                    |



## 1.5 Modification of EUT

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

## 1.6 Testing Location

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> |
|                           | TH01-KS                                                                                                                                        | CN1257                     | 314309                                |

Sporton International Inc. (Shenzhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

|                           |                                                                                                                                                                                                                 |                            |                                       |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------------|
| <b>Test Firm</b>          | Sporton International Inc. (Shenzhen)                                                                                                                                                                           |                            |                                       |
| <b>Test Site Location</b> | 101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City, Guangdong Province 518103 People's Republic of China<br>TEL: +86-755-86066985 |                            |                                       |
| <b>Test Site No.</b>      | <b>Sporton Site No.</b>                                                                                                                                                                                         | <b>FCC Designation No.</b> | <b>FCC Test Firm Registration No.</b> |
|                           | CO02-SZ<br>03CH03-SZ                                                                                                                                                                                            | CN1256                     | 421272                                |

Note: Test data subcontracted: test cases in section 3.8&3.9 of this report.

## 1.7 Test Software

| Item | Site      | Manufacturer | Name                                 | Version     |
|------|-----------|--------------|--------------------------------------|-------------|
| 1.   | TH01-KS   | Tonscend     | JS1120-3 test system<br>China_210602 | 3.3.10      |
| 2.   | 03CH03-SZ | AUDIX        | E3                                   | 6.2009-8-24 |
| 3.   | CO02-SZ   | AUDIX        | E3                                   | 6.120613b   |



## 1.8 Applicable Standards

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

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

### Remark:

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

## 1.9 Specification of Accessory

| Accessories Information |            |                    |            |                |
|-------------------------|------------|--------------------|------------|----------------|
| AC Adapter 1(US)        | Brand Name | Motorola(Salcomp)  | Model Name | MC-331L        |
| AC Adapter 1(EU)        | Brand Name | Motorola(Salcomp)  | Model Name | MC-332L        |
| AC Adapter 1(UK)        | Brand Name | Motorola(Salcomp)  | Model Name | MC-333L        |
| AC Adapter 1(AU)        | Brand Name | Motorola(Salcomp)  | Model Name | MC-335L        |
| AC Adapter 1(AR)        | Brand Name | Motorola(Salcomp)  | Model Name | MC-336L        |
| AC Adapter 1(BR)        | Brand Name | Motorola(Salcomp)  | Model Name | MC-337L        |
| AC Adapter 2(US)        | Brand Name | Motorola(Chenyang) | Model Name | MC-331L        |
| AC Adapter 2(EU)        | Brand Name | Motorola(Chenyang) | Model Name | MC-332L        |
| AC Adapter 2(UK)        | Brand Name | Motorola(Chenyang) | Model Name | MC-333L        |
| AC Adapter 2(AR)        | Brand Name | Motorola(Chenyang) | Model Name | MC-336L        |
| AC Adapter 2(BR)        | Brand Name | Motorola(Chenyang) | Model Name | MC-337L        |
| Battery 1               | Brand Name | Motorola(NVT)      | Model Name | RA52           |
| Battery 2               | Brand Name | Motorola(SUNWODA)  | Model Name | RA52           |
| USB Cable 1             | Brand Name | Motorola(Washin)   | Model Name | HX-ZN-34       |
| USB Cable 2             | Brand Name | Motorola(Juwei)    | Model Name | JWUB1928-ZN01H |
| Wireless Earphones      | Brand Name | Motorola           | Model Name | XT2443-1       |



## 2 Test Configuration of Equipment Under Test

### 2.1 Carrier Frequency Channel

| Frequency Band  | Channel | Freq.<br>(MHz) | Channel | Freq.<br>(MHz) | Channel | Freq.<br>(MHz) |
|-----------------|---------|----------------|---------|----------------|---------|----------------|
| 2400-2483.5 MHz | 0       | 2402           | 27      | 2429           | 54      | 2456           |
|                 | 1       | 2403           | 28      | 2430           | 55      | 2457           |
|                 | 2       | 2404           | 29      | 2431           | 56      | 2458           |
|                 | 3       | 2405           | 30      | 2432           | 57      | 2459           |
|                 | 4       | 2406           | 31      | 2433           | 58      | 2460           |
|                 | 5       | 2407           | 32      | 2434           | 59      | 2461           |
|                 | 6       | 2408           | 33      | 2435           | 60      | 2462           |
|                 | 7       | 2409           | 34      | 2436           | 61      | 2463           |
|                 | 8       | 2410           | 35      | 2437           | 62      | 2464           |
|                 | 9       | 2411           | 36      | 2438           | 63      | 2465           |
|                 | 10      | 2412           | 37      | 2439           | 64      | 2466           |
|                 | 11      | 2413           | 38      | 2440           | 65      | 2467           |
|                 | 12      | 2414           | 39      | 2441           | 66      | 2468           |
|                 | 13      | 2415           | 40      | 2442           | 67      | 2469           |
|                 | 14      | 2416           | 41      | 2443           | 68      | 2470           |
|                 | 15      | 2417           | 42      | 2444           | 69      | 2471           |
|                 | 16      | 2418           | 43      | 2445           | 70      | 2472           |
|                 | 17      | 2419           | 44      | 2446           | 71      | 2473           |
|                 | 18      | 2420           | 45      | 2447           | 72      | 2474           |
|                 | 19      | 2421           | 46      | 2448           | 73      | 2475           |
|                 | 20      | 2422           | 47      | 2449           | 74      | 2476           |
|                 | 21      | 2423           | 48      | 2450           | 75      | 2477           |
|                 | 22      | 2424           | 49      | 2451           | 76      | 2478           |
|                 | 23      | 2425           | 50      | 2452           | 77      | 2479           |
|                 | 24      | 2426           | 51      | 2453           | 78      | 2480           |
|                 | 25      | 2427           | 52      | 2454           | -       | -              |
|                 | 26      | 2428           | 53      | 2455           | -       | -              |

## 2.2 Test Mode

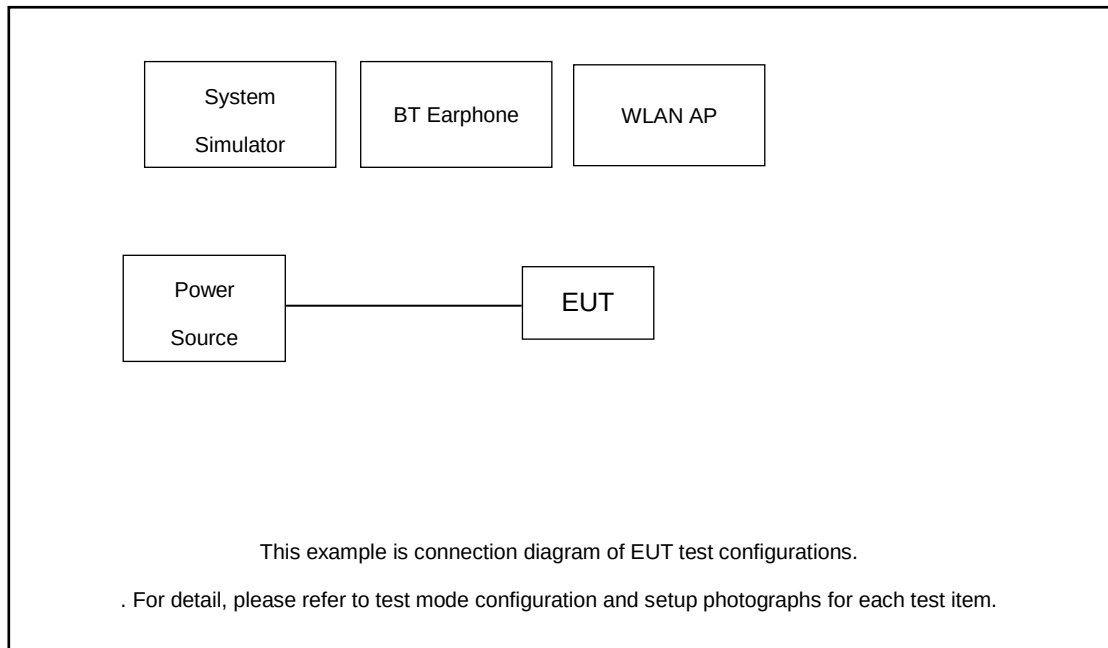
- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Z plane) were recorded in this report, and the worst mode of radiated spurious emissions is Bluetooth 1Mbps mode, and recorded in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

The following summary table is showing all test modes to demonstrate in compliance with the standard.

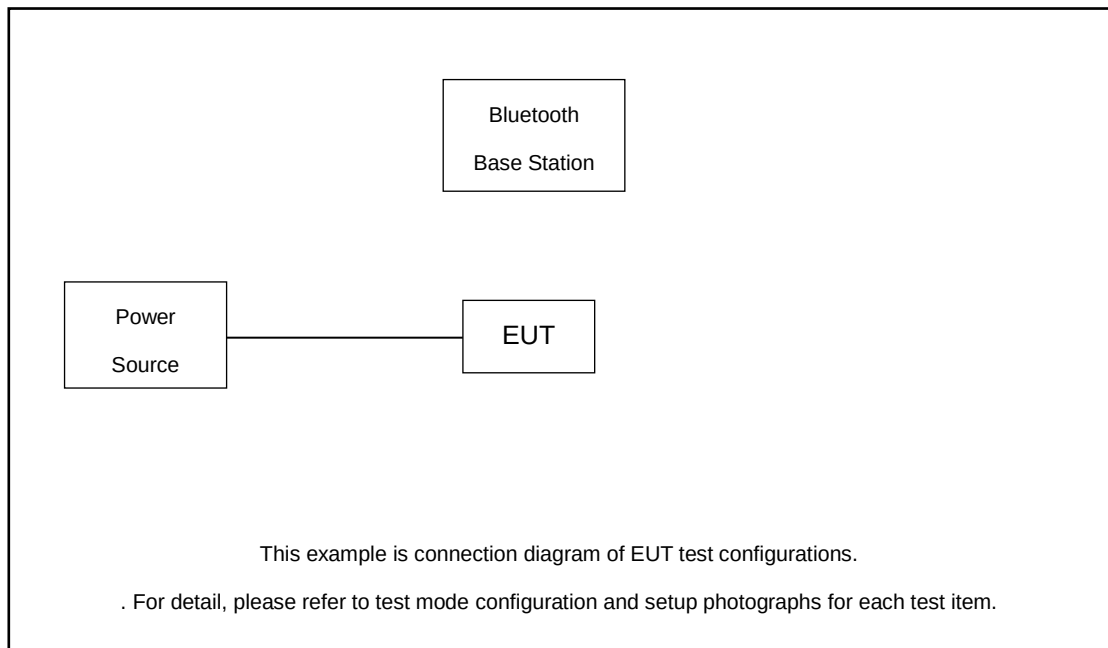
| Summary table of Test Cases                                                                                                                                                                                                             |                                                                                                                            |                                  |                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------|
| Test Item                                                                                                                                                                                                                               | Data Rate / Modulation                                                                                                     |                                  |                               |
|                                                                                                                                                                                                                                         | Bluetooth BR 1Mbps<br>GFSK                                                                                                 | Bluetooth EDR 2Mbps<br>π/4-DQPSK | Bluetooth EDR 3Mbps<br>8-DPSK |
| Conducted<br>Test Cases                                                                                                                                                                                                                 | Mode 1: CH00_2402 MHz                                                                                                      | Mode 4: CH00_2402 MHz            | Mode 7: CH00_2402 MHz         |
|                                                                                                                                                                                                                                         | Mode 2: CH39_2441 MHz                                                                                                      | Mode 5: CH39_2441 MHz            | Mode 8: CH39_2441 MHz         |
|                                                                                                                                                                                                                                         | Mode 3: CH78_2480 MHz                                                                                                      | Mode 6: CH78_2480 MHz            | Mode 9: CH78_2480 MHz         |
| Radiated<br>Test Cases                                                                                                                                                                                                                  | Bluetooth BR 1Mbps GFSK                                                                                                    |                                  |                               |
|                                                                                                                                                                                                                                         | Mode 1: CH00_2402 MHz<br>Mode 2: CH39_2441 MHz<br>Mode 3: CH78_2480 MHz                                                    |                                  |                               |
| AC<br>Conducted<br>Emission                                                                                                                                                                                                             | Mode 1 : GSM 850 Idle + Bluetooth Link with Wireless Earphones + WLAN Link (2.4G)<br>+ USB Cable2 (Charging from Adapter2) |                                  |                               |
| Remark:                                                                                                                                                                                                                                 |                                                                                                                            |                                  |                               |
| 1. For radiated test cases, the worst mode data rate 1Mbps was reported only, because this data rate has the highest RF output power at preliminary tests, and no other significantly frequencies found in conducted spurious emission. |                                                                                                                            |                                  |                               |
| 2. For Radiated Test Cases, The tests were performance with Adapter 2 and USB Cable 2.                                                                                                                                                  |                                                                                                                            |                                  |                               |
| 3. Accessories from 15B worse mode.                                                                                                                                                                                                     |                                                                                                                            |                                  |                               |

## 2.3 Connection Diagram of Test System

AC Conducted Emission:



Radiated Emission:



## 2.4 Support Unit used in test configuration and system

| Item | Equipment       | Trade Name | Model Name | FCC ID      | Data Cable | Power Cord      |
|------|-----------------|------------|------------|-------------|------------|-----------------|
| 1.   | Base Station    | Anritsu    | MT8820C    | N/A         | N/A        | Unshielded,1.8m |
| 2.   | WLAN AP         | Dlink      | DIR-820L   | KA2IR820LA1 | N/A        | Unshielded,1.8m |
| 3.   | BT Base Station | R&S        | CBT        | N/A         | N/A        | Unshielded,1.8m |

## 2.5 EUT Operation Test Setup

For Bluetooth function, the engineering test program was provided and enabled to make EUT connect with Bluetooth base station to continuous transmit.

For AC power line conducted emissions, the EUT was set to connect with the WLAN AP under large package sizes transmission.

## 2.6 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.

Example :

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 2.19 dB and 20dB attenuator.

$$\begin{aligned}\text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)} \\ &= 2.19 + 20 = 22.19 \text{ (dB)}\end{aligned}$$

### 3 Test Result

#### 3.1 Number of Channel Measurement

##### 3.1.1 Limits of Number of Hopping Frequency

Frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels.

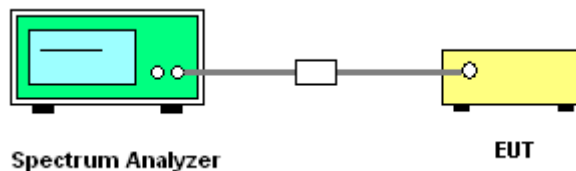
##### 3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

##### 3.1.3 Test Procedure

1. The testing follows ANSI C63.10-2013 clause 7.8.3.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Enable the EUT hopping function.
5. Use the following spectrum analyzer settings: Span = the frequency band of operation;  
RBW = 300kHz; VBW  $\geq$  RBW; Sweep = auto; Detector function = peak; Trace = max hold.
6. The number of hopping frequency used is defined as the number of total channel.
7. Record the measurement data derived from spectrum analyzer.

##### 3.1.4 Test Setup



##### 3.1.5 Test Result of Number of Hopping Frequency

Please refer to Appendix A.

## 3.2 Hopping Channel Separation Measurement

### 3.2.1 Limit of Hopping Channel Separation

Frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater.

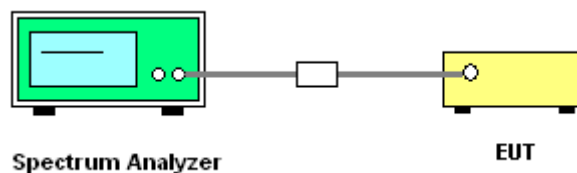
### 3.2.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

### 3.2.3 Test Procedures

1. The testing follows ANSI C63.10-2013 clause 7.8.2.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Enable the EUT hopping function.
5. Use the following spectrum analyzer settings:  
Span = wide enough to capture the peaks of two adjacent channels;  
RBW = 300kHz; VBW  $\geq$  RBW; Sweep = auto; Detector function = peak; Trace = max hold.
6. Measure and record the results in the test report.

### 3.2.4 Test Setup



### 3.2.5 Test Result of Hopping Channel Separation

Please refer to Appendix A.

### 3.3 Dwell Time Measurement

#### 3.3.1 Limit of Dwell Time

The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.

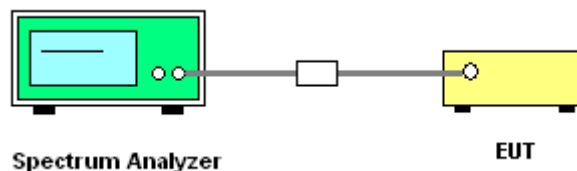
#### 3.3.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

#### 3.3.3 Test Procedures

1. The testing follows ANSI C63.10-2013 clause 7.8.4.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Enable the EUT hopping function.
5. Use the following spectrum analyzer settings: Span = zero span, centered on a hopping channel; RBW = 1 MHz; VBW  $\geq$  RBW; Sweep = as necessary to capture the entire dwell time per hopping channel; Detector function = peak; Trace = max hold.
6. Measure and record the results in the test report.

#### 3.3.4 Test Setup



#### 3.3.5 Test Result of Dwell Time

Please refer to Appendix A.

### 3.4 20dB and 99% Bandwidth Measurement

#### 3.4.1 Limit of 20dB and 99% Bandwidth

Reporting only

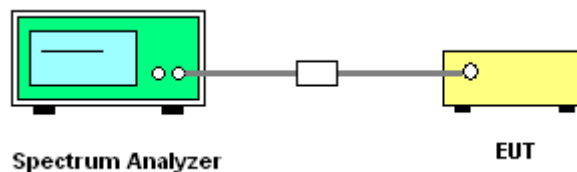
#### 3.4.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

#### 3.4.3 Test Procedures

1. The testing follows ANSI C63.10-2013 clause 6.9.2 and 6.9.3.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Use the following spectrum analyzer settings for 20dB Bandwidth measurement.  
Span = approximately 2 to 5 times the 20 dB bandwidth, centered on a hopping channel;  
The RBW is set to 1% to 5% of the 99% OBW, the VBW is set to 3 times the RBW;  
Sweep = auto; Detector function = peak;  
Trace = max hold.
5. Use the following spectrum analyzer settings for 99 % Bandwidth measurement.  
Span = approximately 1.5 to 5 times the 99% bandwidth, centered on a hopping channel;  
The RBW is set to 1% to 5% of the 99% OBW, the VBW is set to 3 times the RBW;  
Sweep = auto; Detector function = peak;  
Trace = max hold.
6. Measure and record the results in the test report.

#### 3.4.4 Test Setup



#### 3.4.5 Test Result of 20dB Bandwidth and 99% Occupied Bandwidth

Please refer to Appendix A.

## 3.5 Output Power Measurement

### 3.5.1 Limit of Output Power

The maximum peak conducted output power of the intentional radiator shall not exceed the following:  
For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band 0.125 watts. The power limit for 1Mbps, 2Mbps, 3Mbps and AFH modes are 0.125 watts.

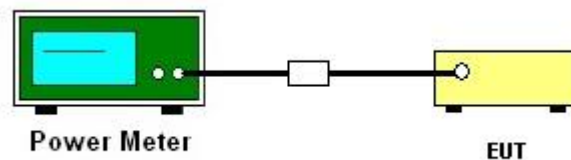
### 3.5.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

### 3.5.3 Test Procedures

1. The testing follows ANSI C63.10-2013 clause 7.8.5.
2. The RF output of EUT was connected to the power meter by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Measure the conducted output power with cable loss and record the results in the test report.
5. Measure and record the results in the test report.

### 3.5.4 Test Setup



### 3.5.5 Test Result of Peak Output Power

Please refer to Appendix A.

## 3.6 Conducted Band Edges Measurement

### 3.6.1 Limit of Band Edges

In any 100 kHz bandwidth outside the intentional radiation frequency band, the radio frequency power shall be at least 20 dB below the highest level of the radiated power. In addition, radiated emissions which fall in the restricted bands must also comply with the radiated emission limits.

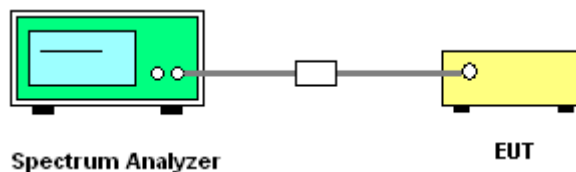
### 3.6.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

### 3.6.3 Test Procedures

1. The testing follows ANSI C63.10-2013 clause 7.8.6.
2. Set to the maximum power setting and enable the EUT transmit continuously.
3. Set RBW = 100kHz, VBW = 300kHz. Band edge emissions must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100kHz RBW. The attenuation shall be 30 dB instead of 20 dB when RMS conducted output power procedure is used.
4. Enable hopping function of the EUT and then repeat step 2. and 3.
5. Measure and record the results in the test report.

### 3.6.4 Test Setup



### 3.6.5 Test Result of Conducted Band Edges

Please refer to Appendix A.

### 3.6.6 Test Result of Conducted Hopping Mode Band Edges

Please refer to Appendix A.

## 3.7 Conducted Spurious Emission Measurement

### 3.7.1 Limit of Spurious Emission Measurement

In any 100 kHz bandwidth outside the intentional radiation frequency band, the radio frequency power shall be at least 20 dB below the highest level of the radiated power. In addition, radiated emissions which fall in the restricted bands must also comply with the radiated emission limits.

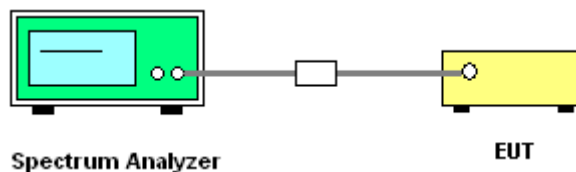
### 3.7.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

### 3.7.3 Test Procedure

1. The testing follows ANSI C63.10-2013 clause 7.8.8.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Set RBW = 100 kHz, VBW = 300kHz, scan up through 10th harmonic. All harmonics / spurs must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100 kHz RBW.
5. Measure and record the results in the test report.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

### 3.7.4 Test Setup



### 3.7.5 Test Result of Conducted Spurious Emission

Please refer to Appendix A.

### 3.8 Radiated Band Edges and Spurious Emission Measurement

#### 3.8.1 Limit of Radiated Band Edges and Spurious Emission

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics/spurious must be at least 20 dB below the highest emission level within the authorized band. In addition, radiated emissions which fall in the restricted bands must also comply with the limits as below.

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

#### 3.8.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

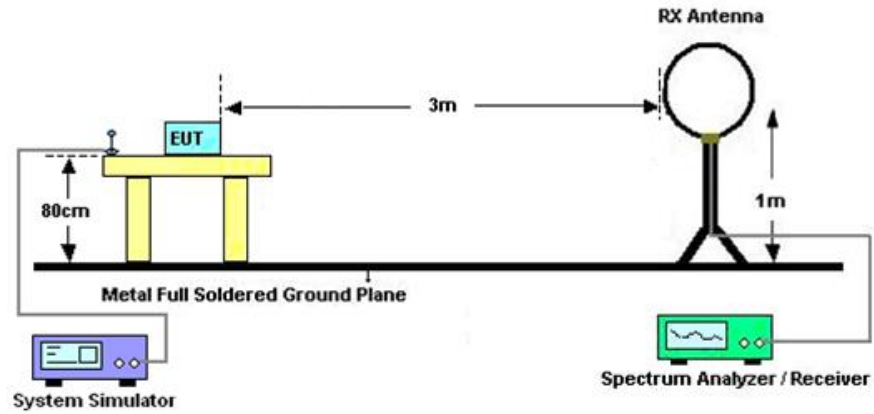
### 3.8.3 Test Procedures

1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
3. For each suspected emission, the EUT was arranged to its worst case and then tune the Antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to comply with the guidelines.
4. Set to the maximum power setting and enable the EUT transmit continuously.
5. Use the following spectrum analyzer settings:
  - (1) Span shall wide enough to fully capture the emission being measured;
  - (2) Set RBW=100 kHz for  $f < 1$  GHz, RBW=1MHz for  $f > 1$ GHz ; VBW  $\geq$  RBW; Sweep = auto; Detector function = peak; Trace = max hold for peak
  - (3) For average measurement: use duty cycle correction factor method per 15.35(c).  
Duty cycle = On time/100 milliseconds  
On time =  $N_1 * L_1 + N_2 * L_2 + \dots + N_{n-1} * L_{n-1} + N_n * L_n$   
Where  $N_1$  is number of type 1 pulses,  $L_1$  is length of type 1 pulses, etc.  
Average Emission Level = Peak Emission Level +  $20 * \log(\text{Duty cycle})$
6. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
7. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
8. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than peak limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

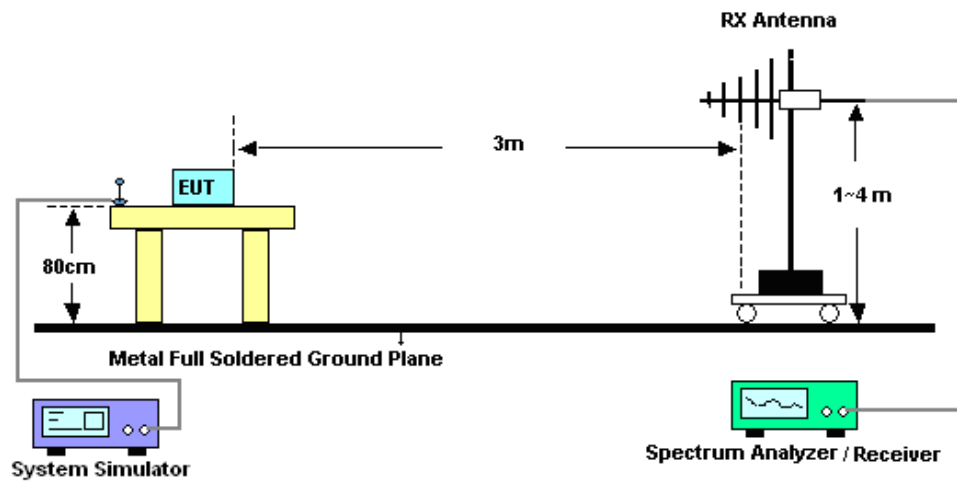
Note: The average levels were calculated from the peak level corrected with duty cycle correction factor (-24.79dB) derived from  $20 \log(\text{dwell time}/100\text{ms})$ . This correction is only for signals that hop with the fundamental signal, such as band-edge and harmonic. Other spurious signals that are independent of the hopping signal would not use this correction.

### 3.8.4 Test Setup

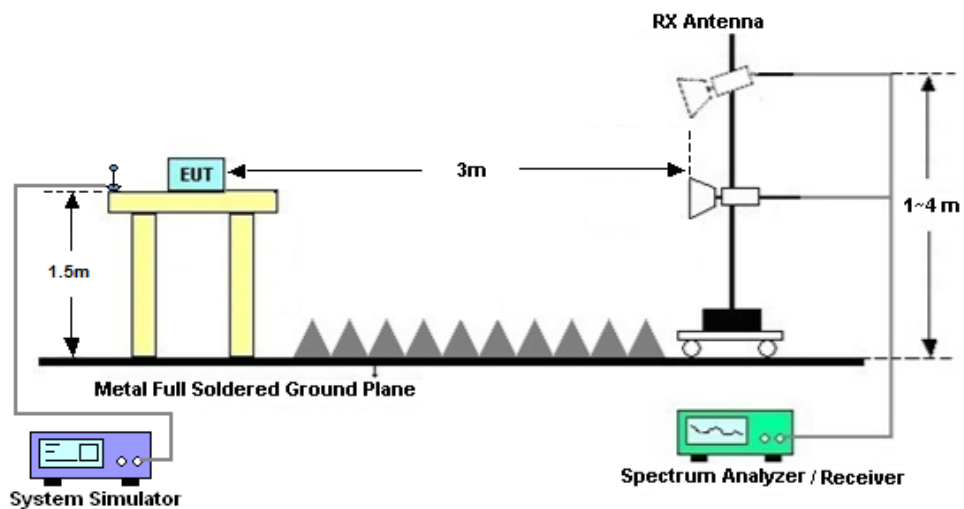
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz





### **3.8.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)**

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

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

### **3.8.6 Test Result of Radiated Spurious at Band Edges**

Please refer to Appendix C.

### **3.8.7 Test Result of Radiated Spurious Emission (30MHz ~ 10th Harmonic or 40GHz, whichever is lower)**

Please refer to Appendix C.

### **3.8.8 Duty cycle correction factor for average measurement**

Please refer to Appendix D.

## 3.9 AC Conducted Emission Measurement

### 3.9.1 Limit of AC Conducted Emission

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

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

\*Decreases with the logarithm of the frequency.

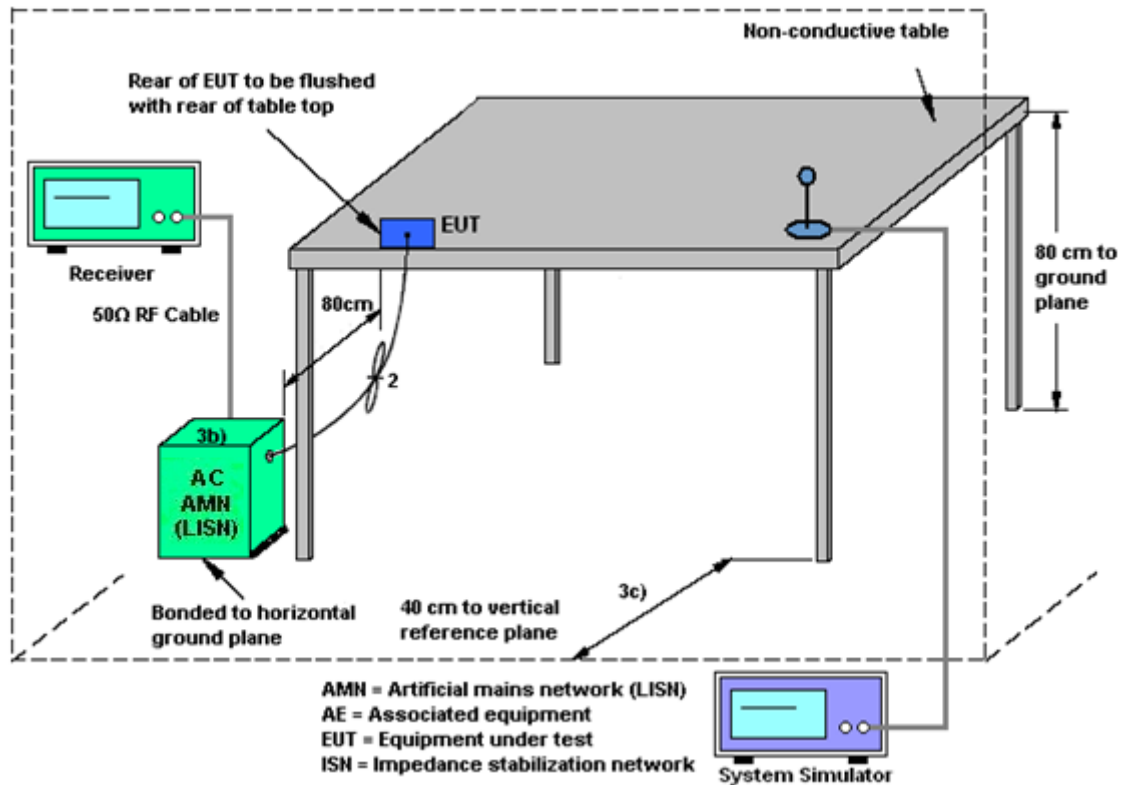
### 3.9.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

### 3.9.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

### 3.9.4 Test Setup



### 3.9.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



## **3.10 Antenna Requirements**

### **3.10.1 Standard Applicable**

If directional gain of transmitting antennas is greater than 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the rule.

### **3.10.2 Antenna Anti-Replacement Construction**

An embedded-in antenna design is used.

### **3.10.3 Antenna Gain**

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.



## 4 List of Measuring Equipment

| Instrument                | Manufacturer         | Model No.                | Serial No.   | Characteristics | Calibration Date | Test Date     | Due Date      | Remark                |
|---------------------------|----------------------|--------------------------|--------------|-----------------|------------------|---------------|---------------|-----------------------|
| EMI Test Receiver&SA      | KEYSIGHT             | N9038A                   | MY54450083   | 20Hz~8.4GHz     | Apr. 09, 2024    | Mar. 20, 2025 | Apr. 08, 2025 | Radiation (03CH03-SZ) |
| EXA Spectrum Analyzer     | KEYSIGHT             | N9010A                   | MY55150246   | 10Hz~44GHz;     | Apr. 09, 2024    | Mar. 20, 2025 | Apr. 08, 2025 | Radiation (03CH03-SZ) |
| Loop Antenna              | R&S                  | HFH2-Z2E                 | 101141       | 9kHz~30MHz      | Dec. 28, 2024    | Mar. 20, 2025 | Dec. 27, 2025 | Radiation (03CH03-SZ) |
| Bilog Antenna             | TeseQ                | CBL6112D                 | 35408        | 30MHz~2GHz      | Aug. 20, 2023    | Mar. 20, 2025 | Aug. 19, 2025 | Radiation (03CH03-SZ) |
| Double Ridge Horn Antenna | SCHWARZBECK          | BBHA9120D                | 9120D-1355   | 1GHz~18GHz      | Apr. 09, 2024    | Mar. 20, 2025 | Apr. 08, 2025 | Radiation (03CH03-SZ) |
| HF Amplifier              | MITEQ                | TTA1840-35-HG            | 1871923      | 18GHz~40GHz     | Jul. 03, 2024    | Mar. 20, 2025 | Jul.02, 2025  | Radiation (03CH03-SZ) |
| SHF-EHF Horn              | com-power            | AH-840                   | 101071       | 18Ghz~40GHz     | Apr. 09, 2024    | Mar. 20, 2025 | Apr. 08, 2025 | Radiation (03CH03-SZ) |
| Amplifier                 | Burgeon              | BPA-530                  | 102211       | 0.01Hz~3000MHz  | Oct. 18, 2024    | Mar. 20, 2025 | Oct. 17, 2025 | Radiation (03CH03-SZ) |
| HF Amplifier              | MITEQ                | AMF-7D-00101800-30-10P-R | 1943528      | 1GHz~18GHz      | Oct. 14, 2024    | Mar. 20, 2025 | Oct. 13, 2025 | Radiation (03CH03-SZ) |
| Amplifier                 | Agilent Technologies | 83017A                   | MY39501302   | 500MHz~26.5GHz  | Dec. 26, 2024    | Mar. 20, 2025 | Dec. 25, 2025 | Radiation (03CH03-SZ) |
| AC Power Source           | Chroma               | 61601                    | 616010002729 | N/A             | Oct. 18, 2024    | Mar. 20, 2025 | Oct. 17, 2025 | Radiation (03CH03-SZ) |
| Turn Table                | EM                   | EM1000                   | N/A          | 0~360 degree    | NCR              | Mar. 20, 2025 | NCR           | Radiation (03CH03-SZ) |
| Antenna Mast              | EM                   | EM1000                   | N/A          | 1 m~4 m         | NCR              | Mar. 20, 2025 | NCR           | Radiation (03CH03-SZ) |
| Spectrum Analyzer         | R&S                  | FSV40                    | 101040       | 10Hz~40GHz      | Oct. 10, 2024    | Apr. 06, 2025 | Oct. 09, 2025 | Conducted (TH01-KS)   |
| Pulse Power Sensor        | Anritsu              | MA2411B                  | 0917070      | 300MHz~40GHz    | Jan. 02, 2025    | Apr. 06, 2025 | Jan. 01, 2026 | Conducted (TH01-KS)   |
| Power Meter               | Anritsu              | ML2495A                  | 1005002      | 50MHz Bandwidth | Jan. 02, 2025    | Apr. 06, 2025 | Jan. 01, 2026 | Conducted (TH01-KS)   |
| EMI Receiver              | R&S                  | ESR7                     | 102297       | 9kHz~7GHz;      | Jul. 03, 2024    | Apr. 17, 2025 | Jul. 02, 2025 | Conduction (CO02-SZ)  |
| AC LISN                   | R&S                  | ENV216                   | 101499       | 9kHz~30MHz      | Jul. 03, 2024    | Apr. 17, 2025 | Jul. 02, 2025 | Conduction (CO02-SZ)  |
| AC Power Source           | CHROMA               | 61601                    | 616010002470 | 100Vac~250Vac   | Dec.25, 2024     | Apr. 17, 2025 | Dec. 24, 2025 | Conduction (CO02-SZ)  |

NCR: No Calibration Required

## 5 Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.10-2013. 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 | ±2.22 dB |
| Occupied Channel Bandwidth             | ±0.1%    |
| Conducted Power                        | ±0.50 dB |
| Conducted Power Spectral Density       | ±0.90 dB |
| Frequency                              | ±0.04 Hz |

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

|                                                                         |         |
|-------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 2.50 dB |
|-------------------------------------------------------------------------|---------|

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

|                                                                         |         |
|-------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 5.00 dB |
|-------------------------------------------------------------------------|---------|

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

|                                                                         |         |
|-------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 4.90 dB |
|-------------------------------------------------------------------------|---------|

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

|                                                                         |         |
|-------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 5.00 dB |
|-------------------------------------------------------------------------|---------|

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



## **Appendix A. Conducted Test Results**

Ambient Condition: 25 °C, 45 %RHTest Date: 2025.4.6Test Engineer: Jiang Jun

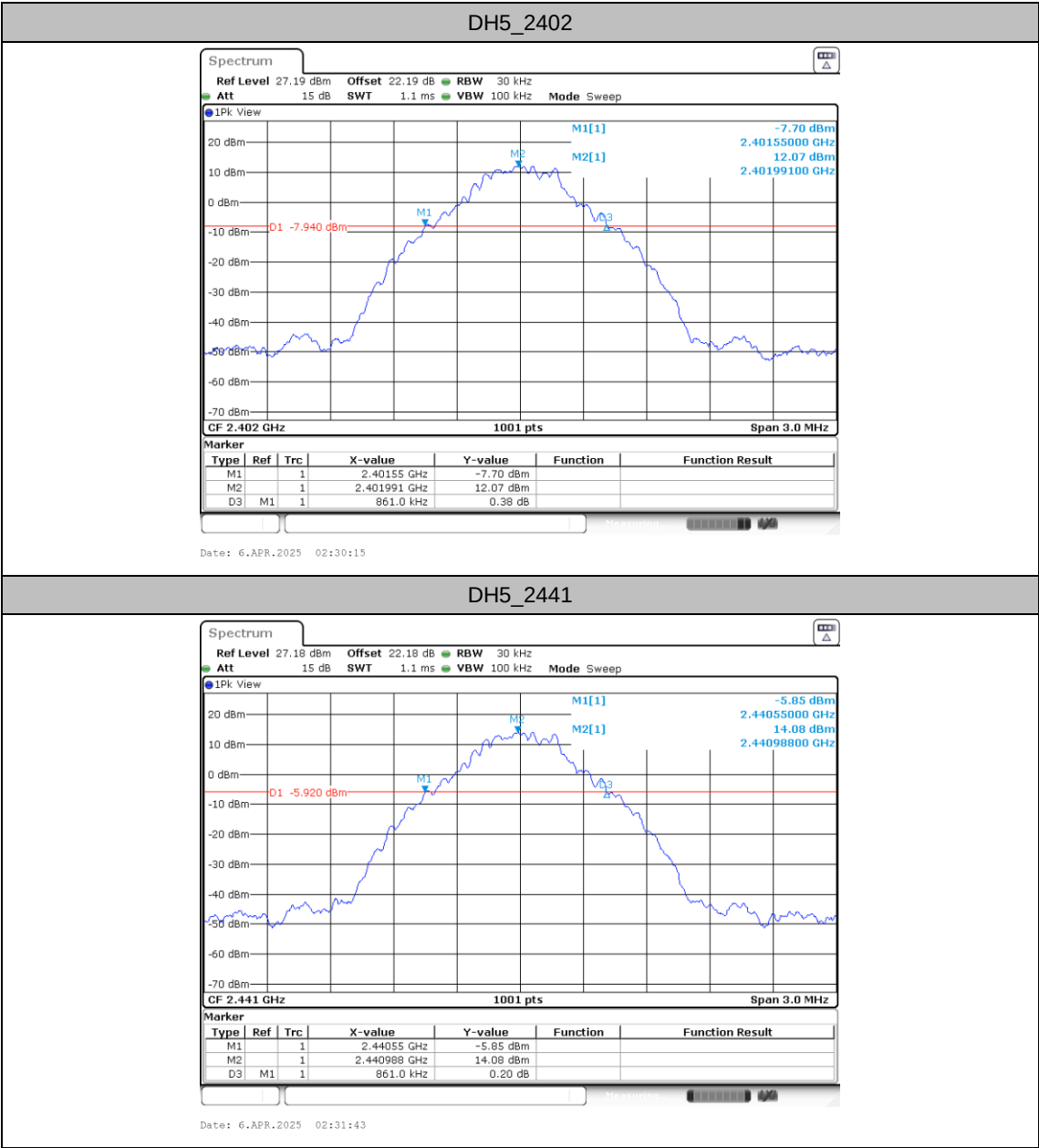
## 20dB Emission Bandwidth

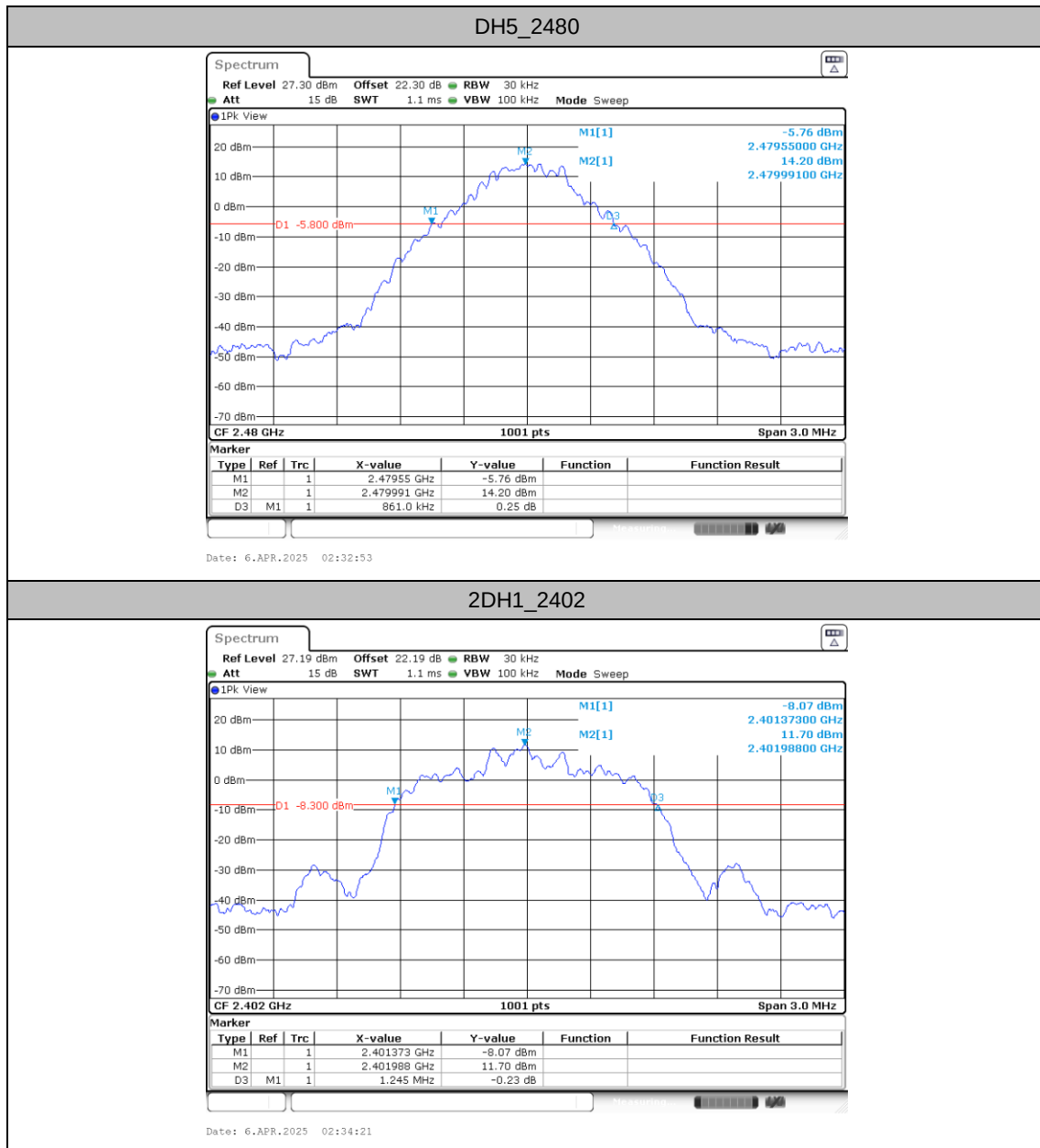
### Test Result

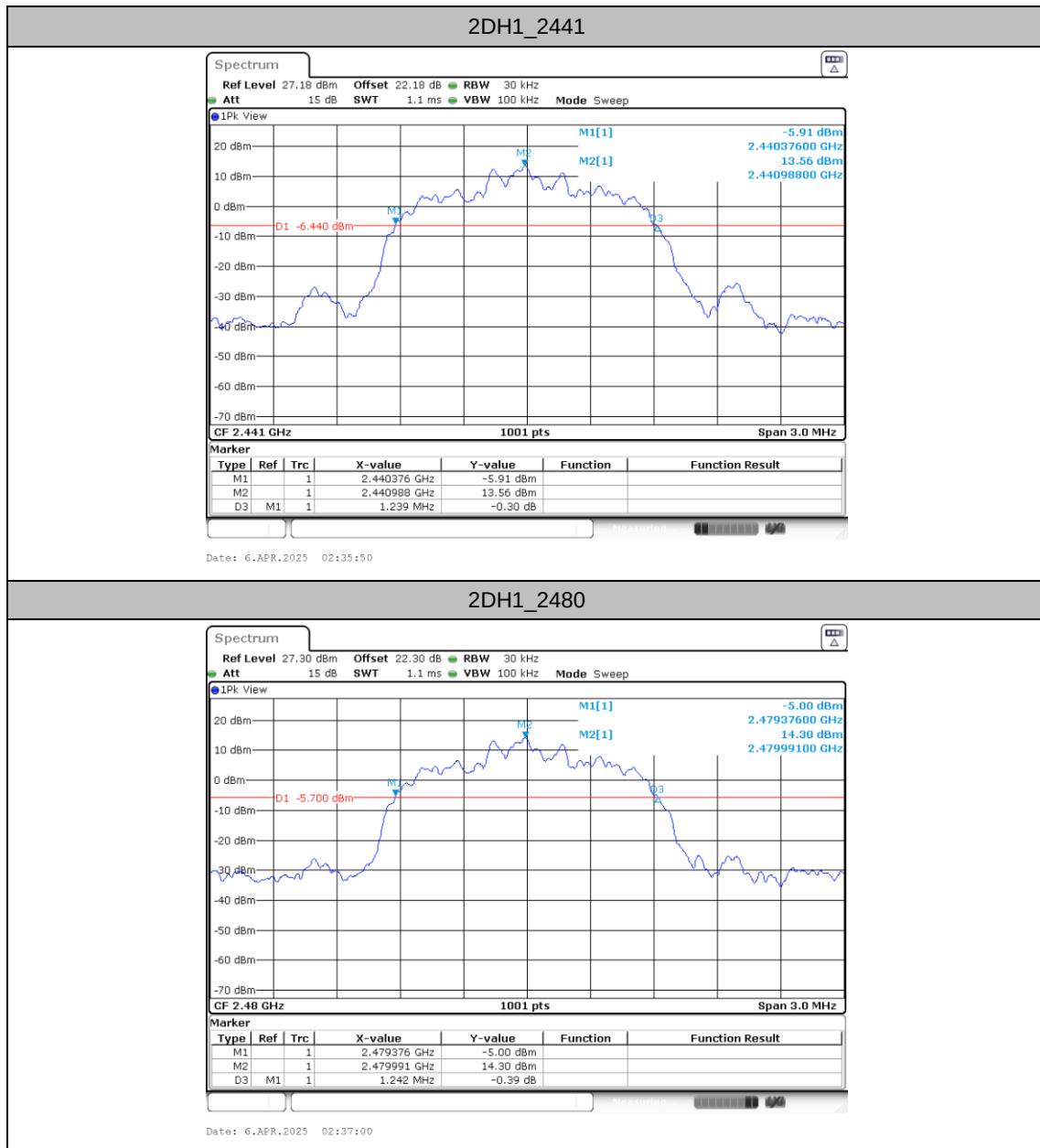
| TestMode | Antenna | Freq(MHz) | 20dB EBW[MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|----------|---------|-----------|---------------|---------|---------|------------|---------|
| DH5      | Ant6    | 2402      | 0.86          | 2401.55 | 2402.41 | ---        | ---     |
|          |         | 2441      | 0.86          | 2440.55 | 2441.41 | ---        | ---     |
|          |         | 2480      | 0.86          | 2479.55 | 2480.41 | ---        | ---     |
| 2DH1     | Ant6    | 2402      | 1.25          | 2401.37 | 2402.62 | ---        | ---     |
|          |         | 2441      | 1.24          | 2440.38 | 2441.61 | ---        | ---     |
|          |         | 2480      | 1.24          | 2479.38 | 2480.62 | ---        | ---     |
| 3DH1     | Ant6    | 2402      | 1.21          | 2401.41 | 2402.62 | ---        | ---     |
|          |         | 2441      | 1.22          | 2440.41 | 2441.62 | ---        | ---     |
|          |         | 2480      | 1.22          | 2479.41 | 2480.62 | ---        | ---     |

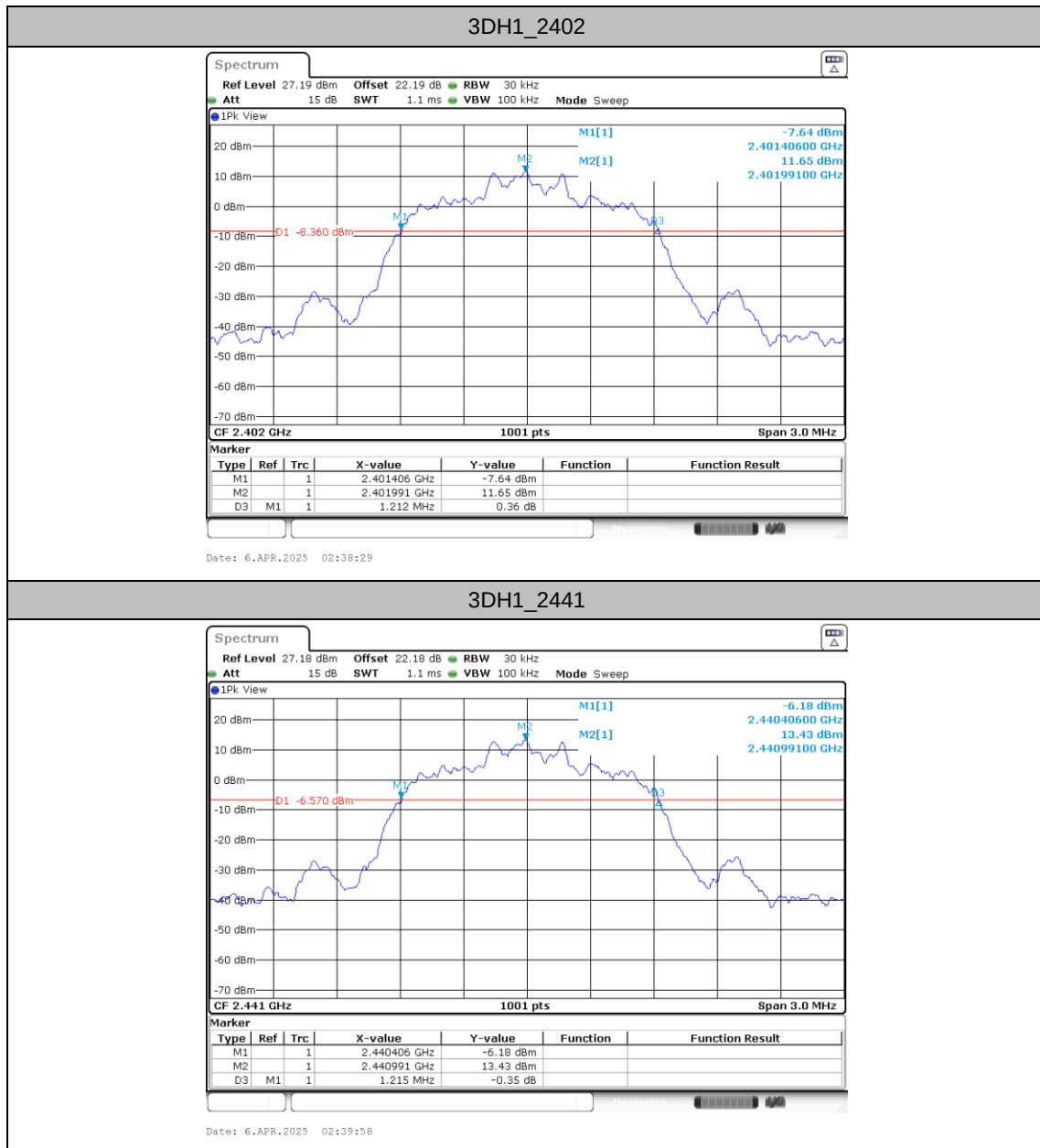


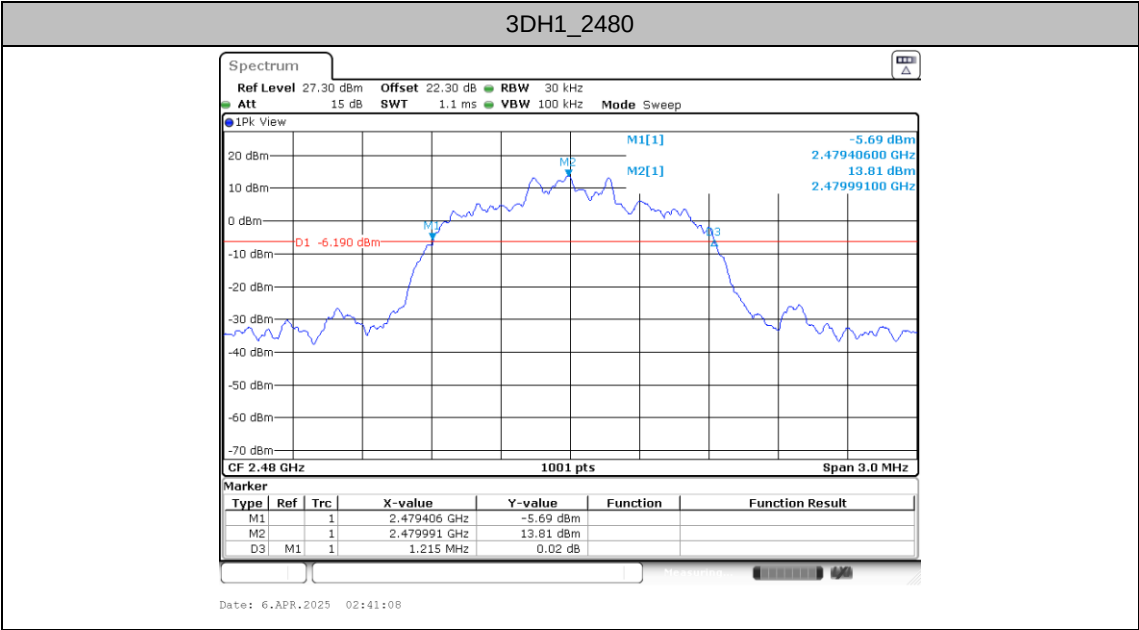
Test Graphs













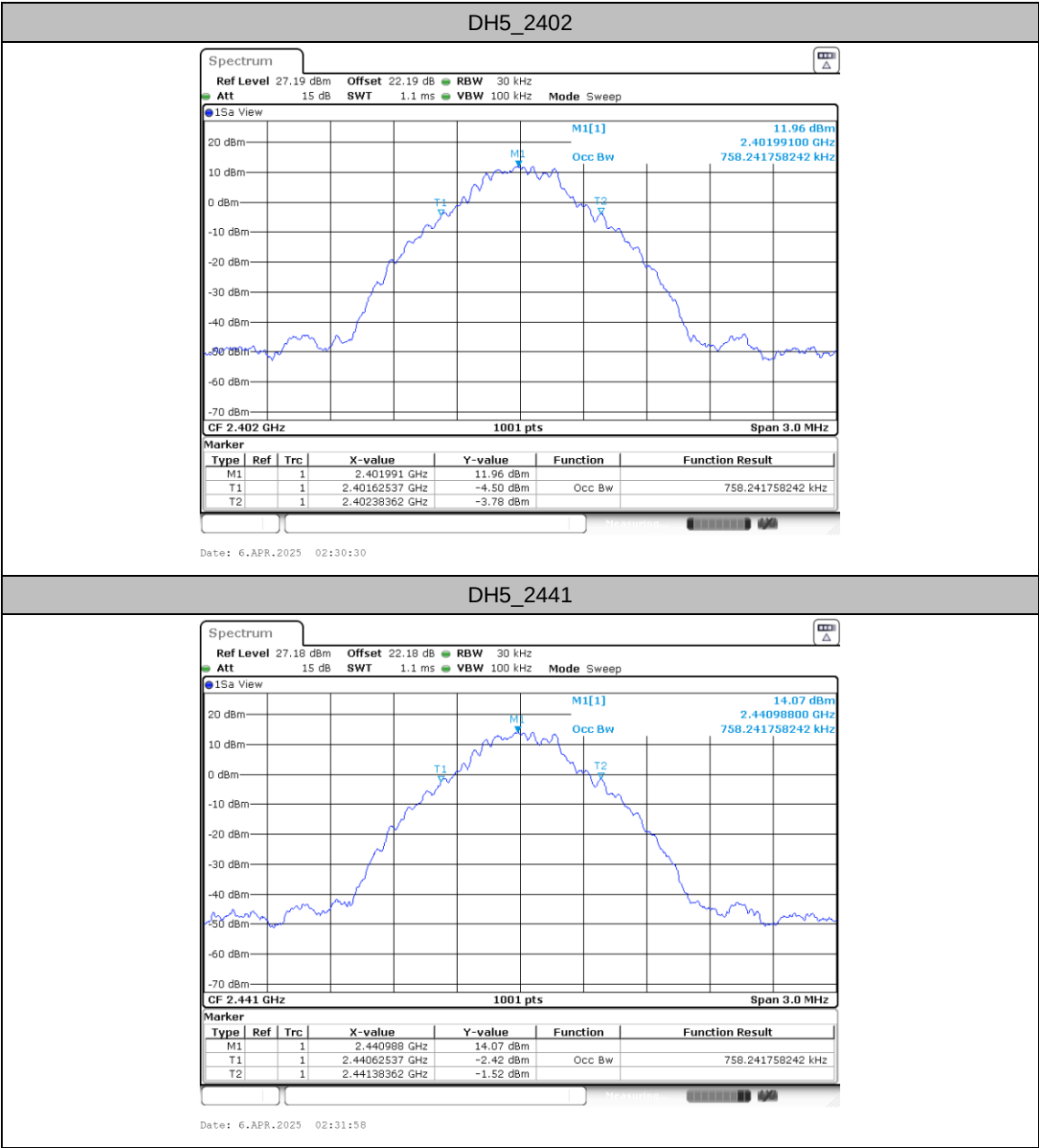
## Occupied Channel Bandwidth

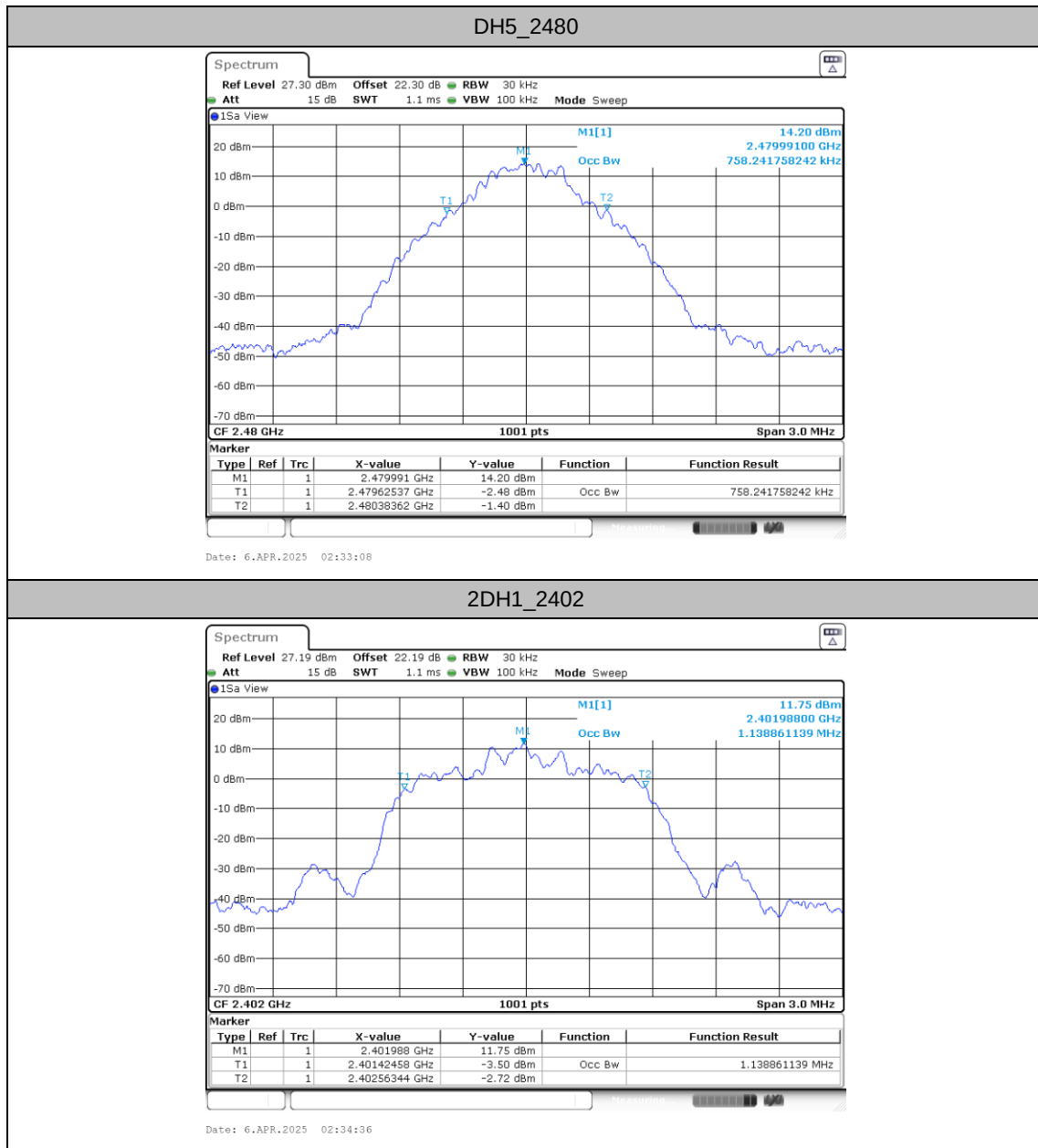
### Test Result

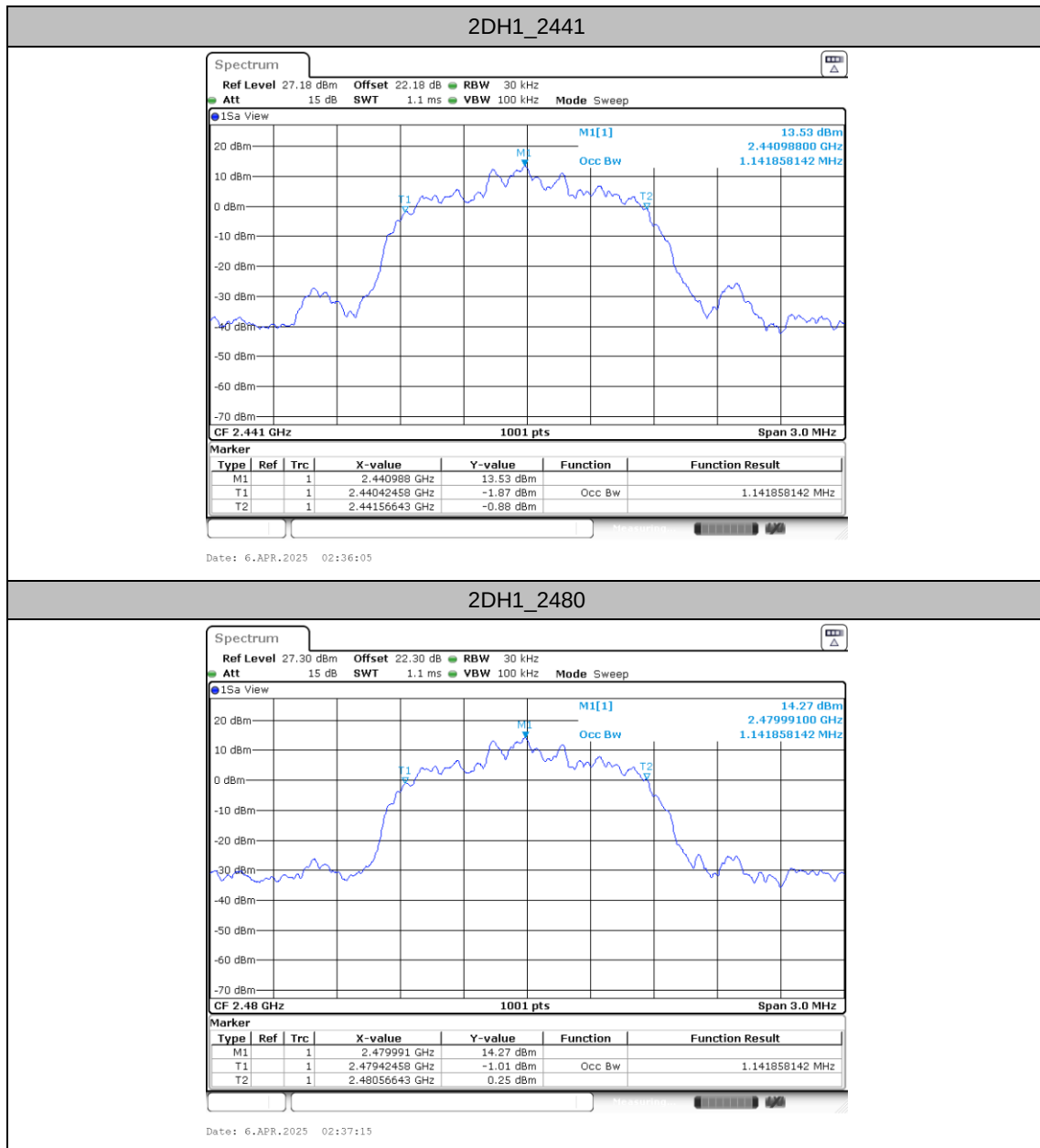
| TestMode | Antenna | Freq(MHz) | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|----------|---------|-----------|-----------|-----------|-----------|------------|---------|
| DH5      | Ant6    | 2402      | 0.758     | 2401.6254 | 2402.3836 | ---        | ---     |
|          |         | 2441      | 0.758     | 2440.6254 | 2441.3836 | ---        | ---     |
|          |         | 2480      | 0.758     | 2479.6254 | 2480.3836 | ---        | ---     |
| 2DH1     | Ant6    | 2402      | 1.139     | 2401.4246 | 2402.5634 | ---        | ---     |
|          |         | 2441      | 1.142     | 2440.4246 | 2441.5664 | ---        | ---     |
|          |         | 2480      | 1.142     | 2479.4246 | 2480.5664 | ---        | ---     |
| 3DH1     | Ant6    | 2402      | 1.121     | 2401.4456 | 2402.5664 | ---        | ---     |
|          |         | 2441      | 1.121     | 2440.4456 | 2441.5664 | ---        | ---     |
|          |         | 2480      | 1.127     | 2479.4456 | 2480.5724 | ---        | ---     |

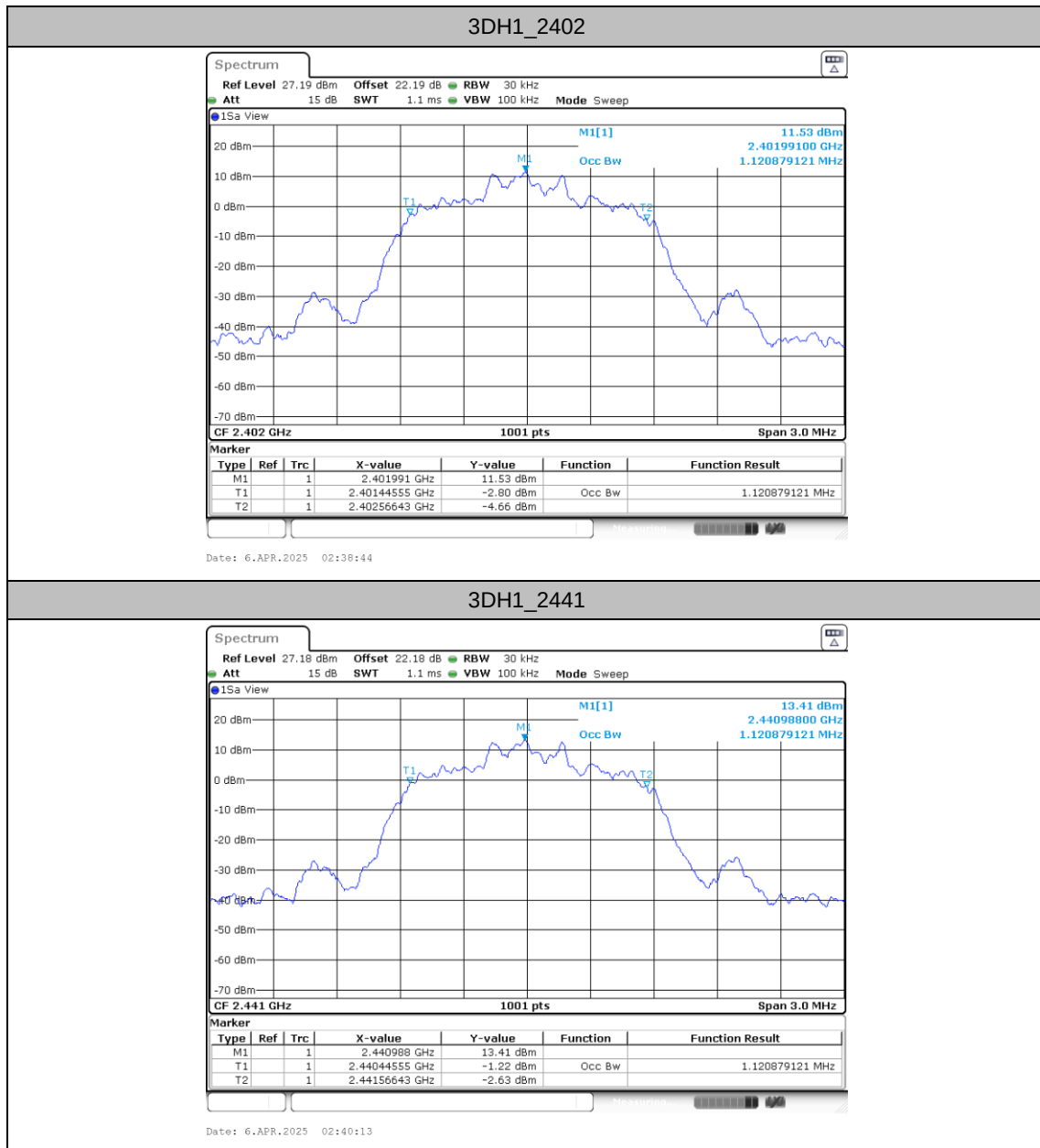


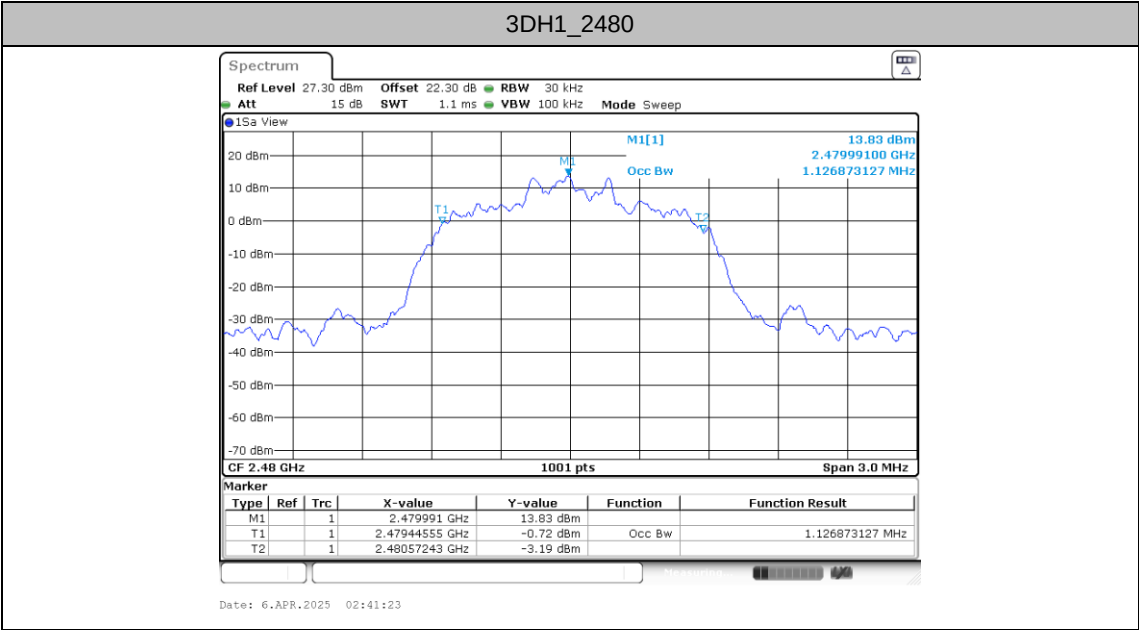
Test Graphs













## Maximum conducted output power

### Test Result Peak

| TestMode | Antenna | CH. | Peak Power (dBm) | Power Limit (dBm) | Pass/Fail |
|----------|---------|-----|------------------|-------------------|-----------|
| DH5      | Ant6    | 0   | 15.17            | 20.97             | Pass      |
|          |         | 39  | 16.44            | 20.97             | Pass      |
|          |         | 78  | <b>16.97</b>     | 20.97             | Pass      |
| 2DH1     | Ant6    | 0   | 14.34            | 20.97             | Pass      |
|          |         | 39  | 15.68            | 20.97             | Pass      |
|          |         | 78  | <b>16.38</b>     | 20.97             | Pass      |
| 3DH1     | Ant6    | 0   | 14.26            | 20.97             | Pass      |
|          |         | 39  | 15.61            | 20.97             | Pass      |
|          |         | 78  | <b>16.28</b>     | 20.97             | Pass      |

Note: Power setting is default.



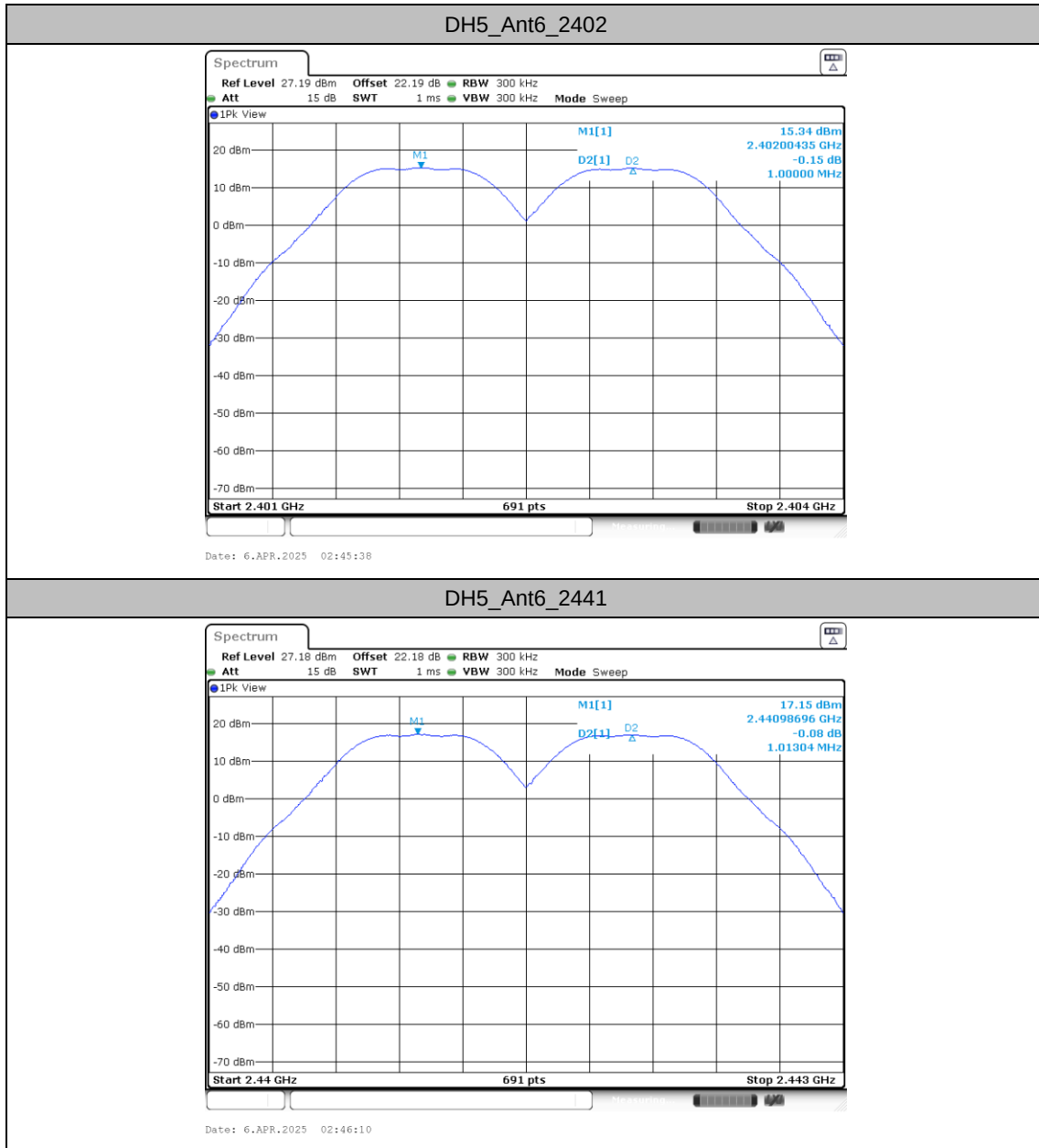
## Carrier frequency separation

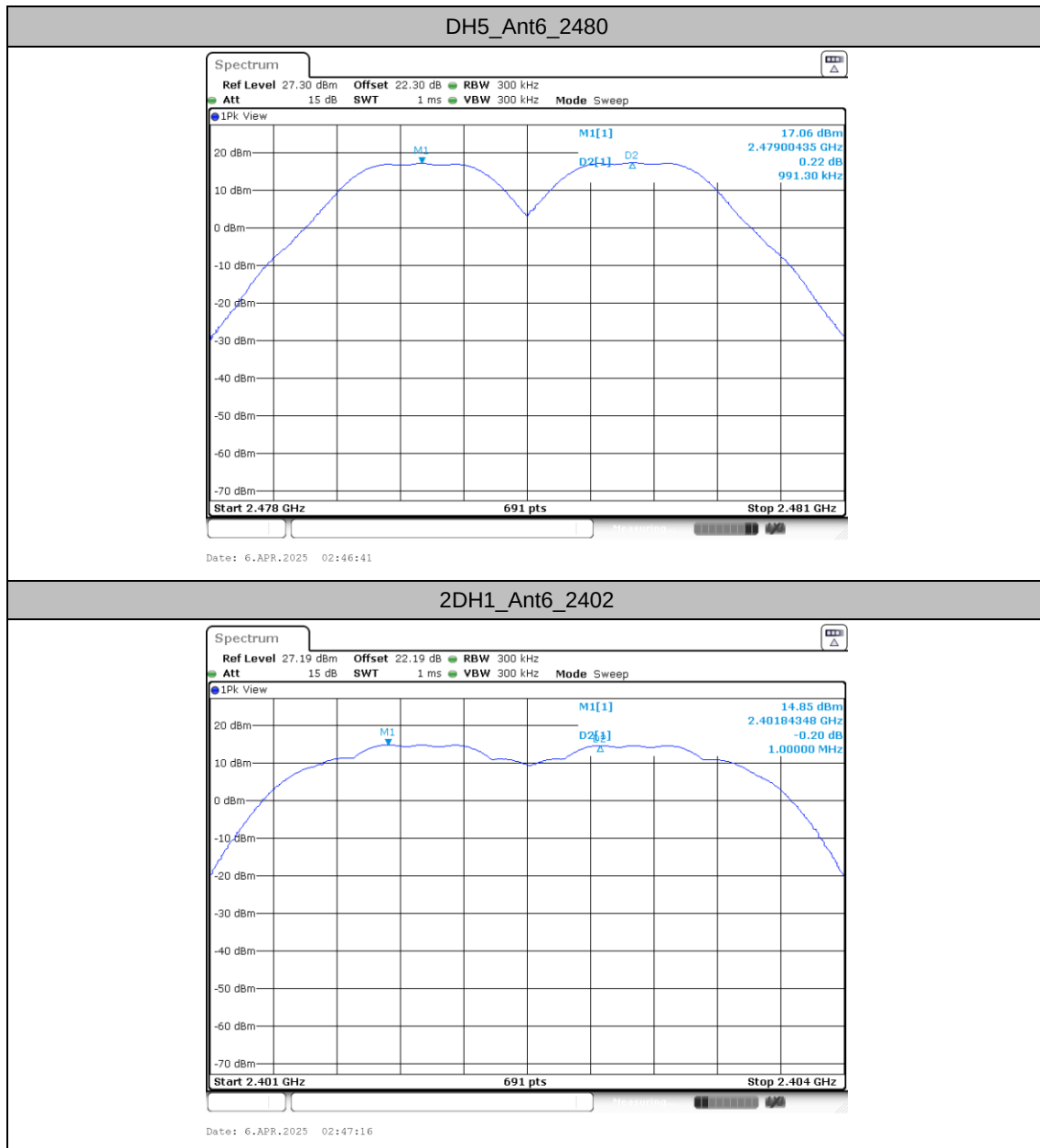
### Test Result

| TestMode | Antenna | Freq(MHz) | Result[MHz] | Limit[MHz]   | Verdict |
|----------|---------|-----------|-------------|--------------|---------|
| DH5      | Ant6    | 2402      | 1           | $\geq 0.573$ | PASS    |
|          |         | 2441      | 1.013       | $\geq 0.573$ | PASS    |
|          |         | 2480      | 0.991       | $\geq 0.573$ | PASS    |
| 2DH1     | Ant6    | 2402      | 1           | $\geq 0.833$ | PASS    |
|          |         | 2441      | 1.013       | $\geq 0.827$ | PASS    |
|          |         | 2480      | 1.013       | $\geq 0.807$ | PASS    |
| 3DH1     | Ant6    | 2402      | 1           | $\geq 0.807$ | PASS    |
|          |         | 2441      | 0.996       | $\geq 0.813$ | PASS    |
|          |         | 2480      | 1.322       | $\geq 0.813$ | PASS    |



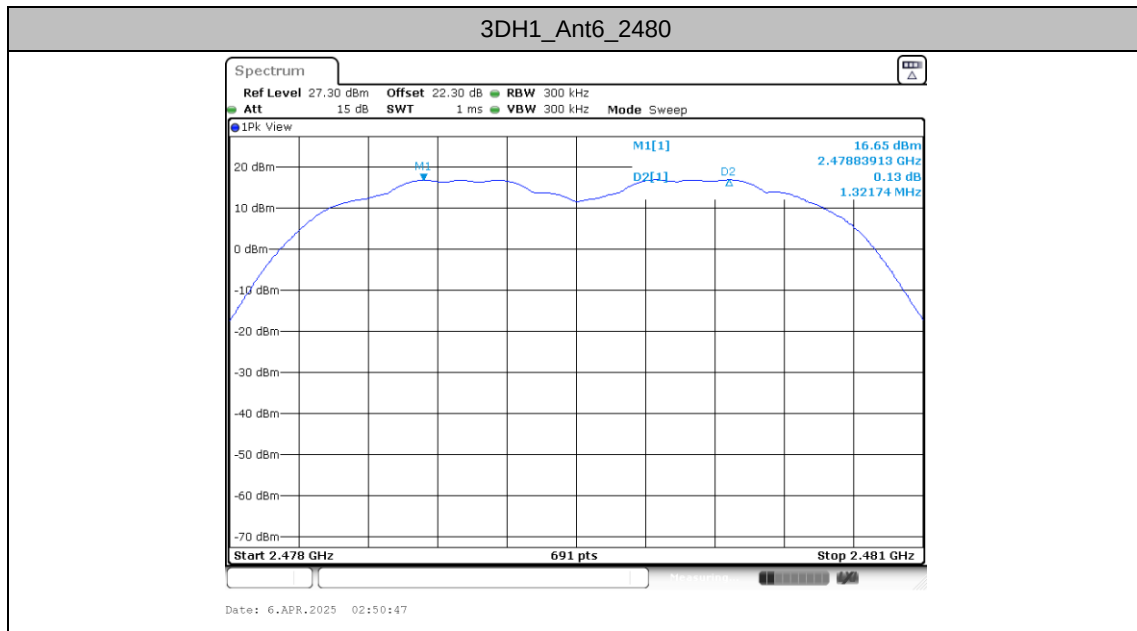
## Test Graphs











## Time of occupancy

### Test Result

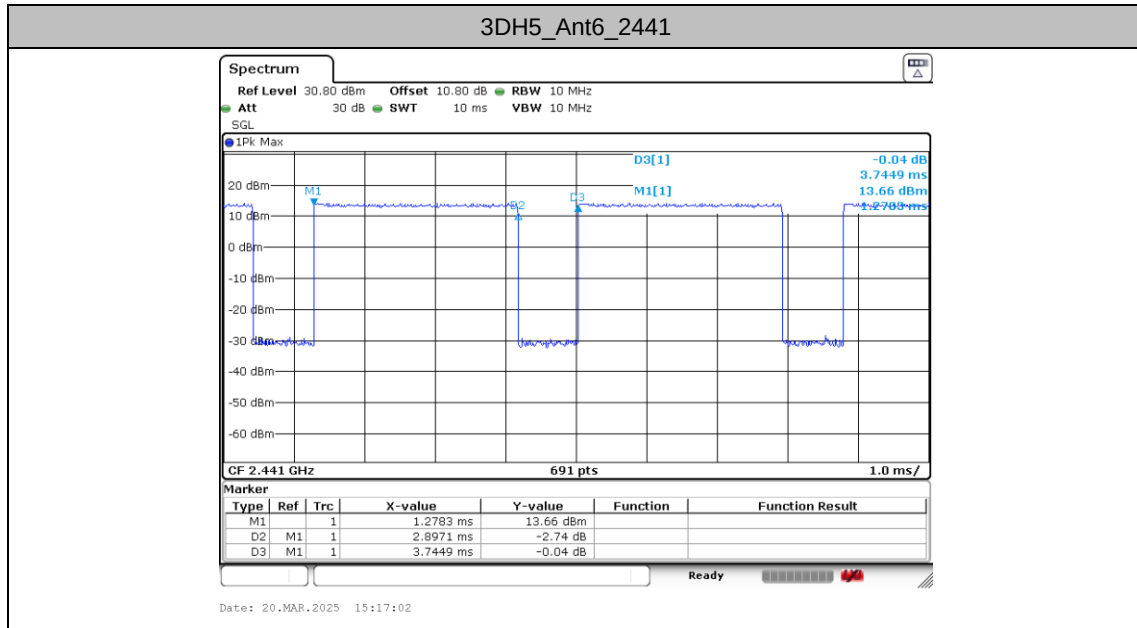
| TestMode | Antenna | Hopping Channel Number Rate | Hops Over Occupancy Time(hops) | Package Transfer Time (msec) | Dwell Time (sec) | Limits (sec) | Pass/Fail |
|----------|---------|-----------------------------|--------------------------------|------------------------------|------------------|--------------|-----------|
| Normal   | Ant6    | 79                          | 106.67                         | 2.8971                       | 0.31             | 0.4          | Pass      |
| AFH      | Ant6    | 20                          | 53.33                          | 2.8971                       | 0.15             | 0.4          | Pass      |

### Remark:

- In normal mode, hopping rate is 1600 hops/s with 6 slots (5 Transmit and 1 Receive slot) in 79 hopping channels.  
With channel hopping rate (1600 / 6 / 79) in Occupancy Time Limit (0.4 x 79) (s),  
Hops Over Occupancy Time comes to (1600 / 6 / 79) x (0.4 x 79) = 106.67 hops.
- In AFH mode, hopping rate is 800 hops/s with 6 slots in 20 hopping channels.  
With channel hopping rate (800 / 6 / 20) in Occupancy Time Limit (0.4 x 20) (s),  
Hops Over Occupancy Time comes to (800 / 6 / 20) x (0.4 x 20) = 53.33 hops.
- Dwell Time(s) = Hops Over Occupancy Time (hops) x Package Transfer Time



## Test Graphs





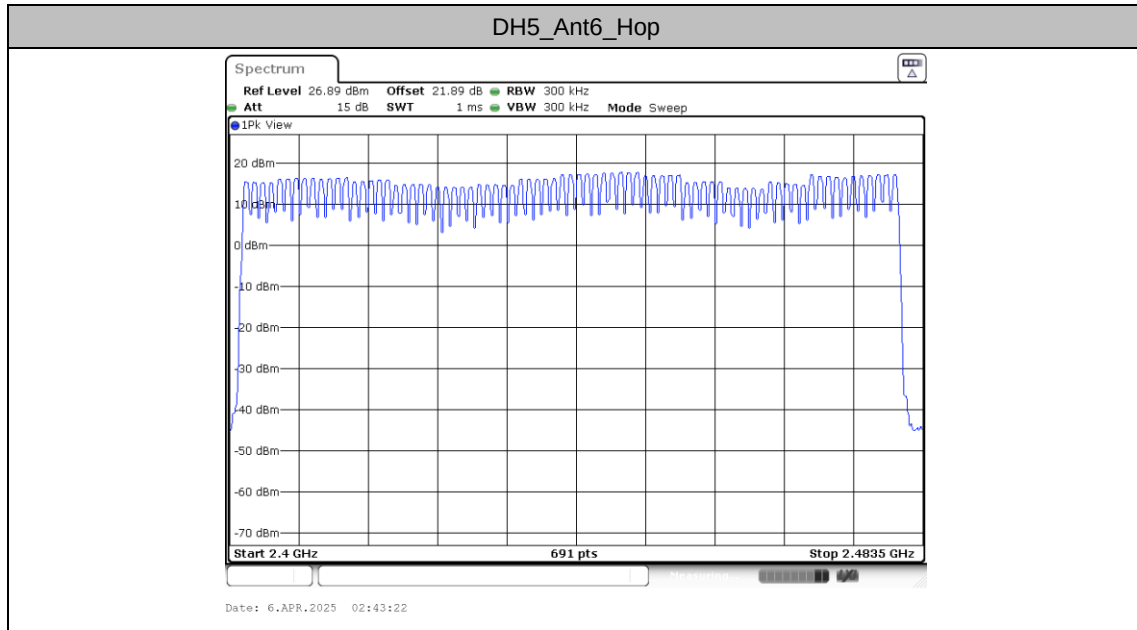
## Number of hopping channels

### Test Result

| TestMode | Antenna | Freq(MHz) | Result[Num] | Limit[Num] | Verdict |
|----------|---------|-----------|-------------|------------|---------|
| DH5      | Ant6    | Hop       | 79          | ≥15        | PASS    |



## Test Graphs



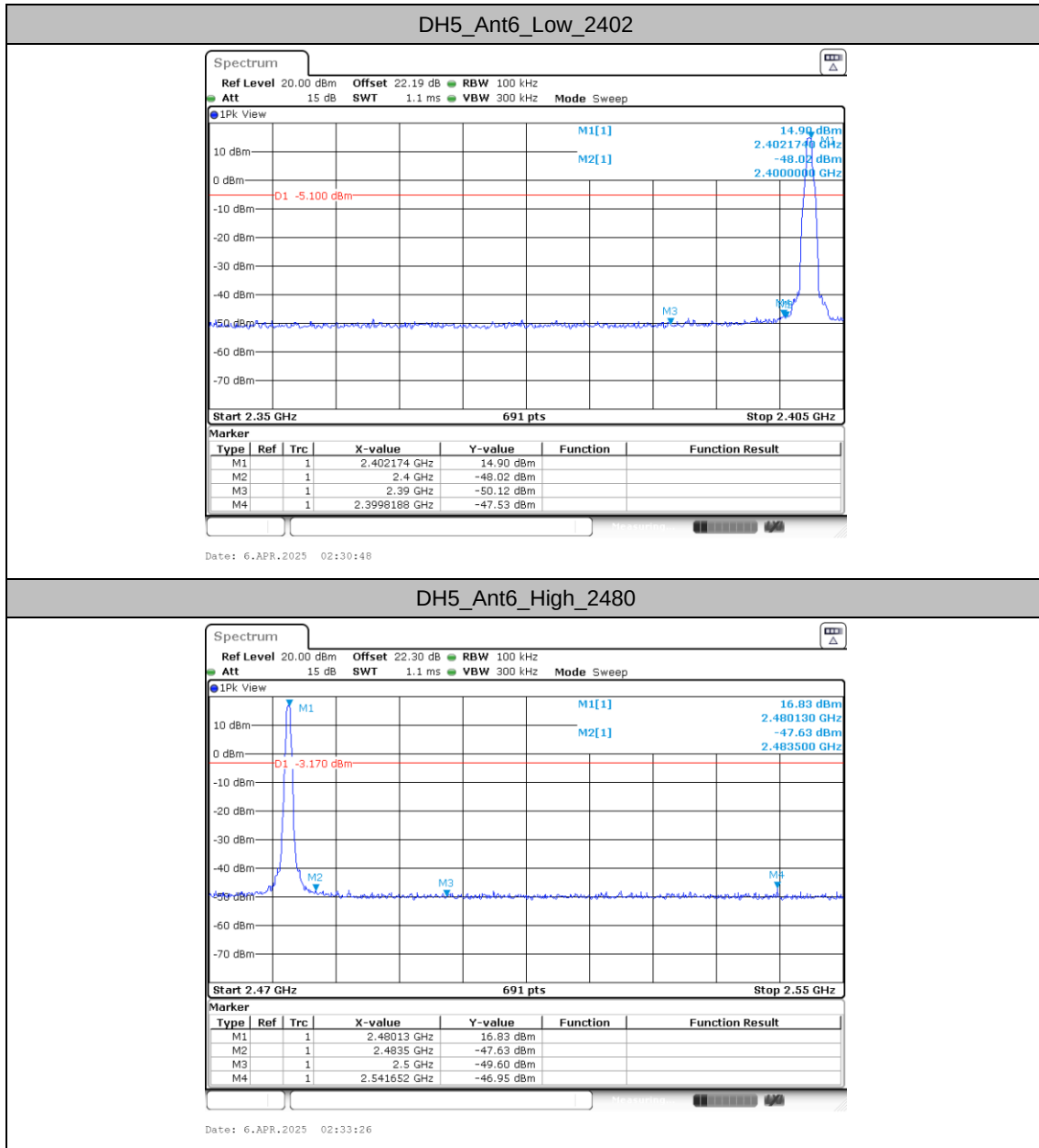
## Band edge measurements

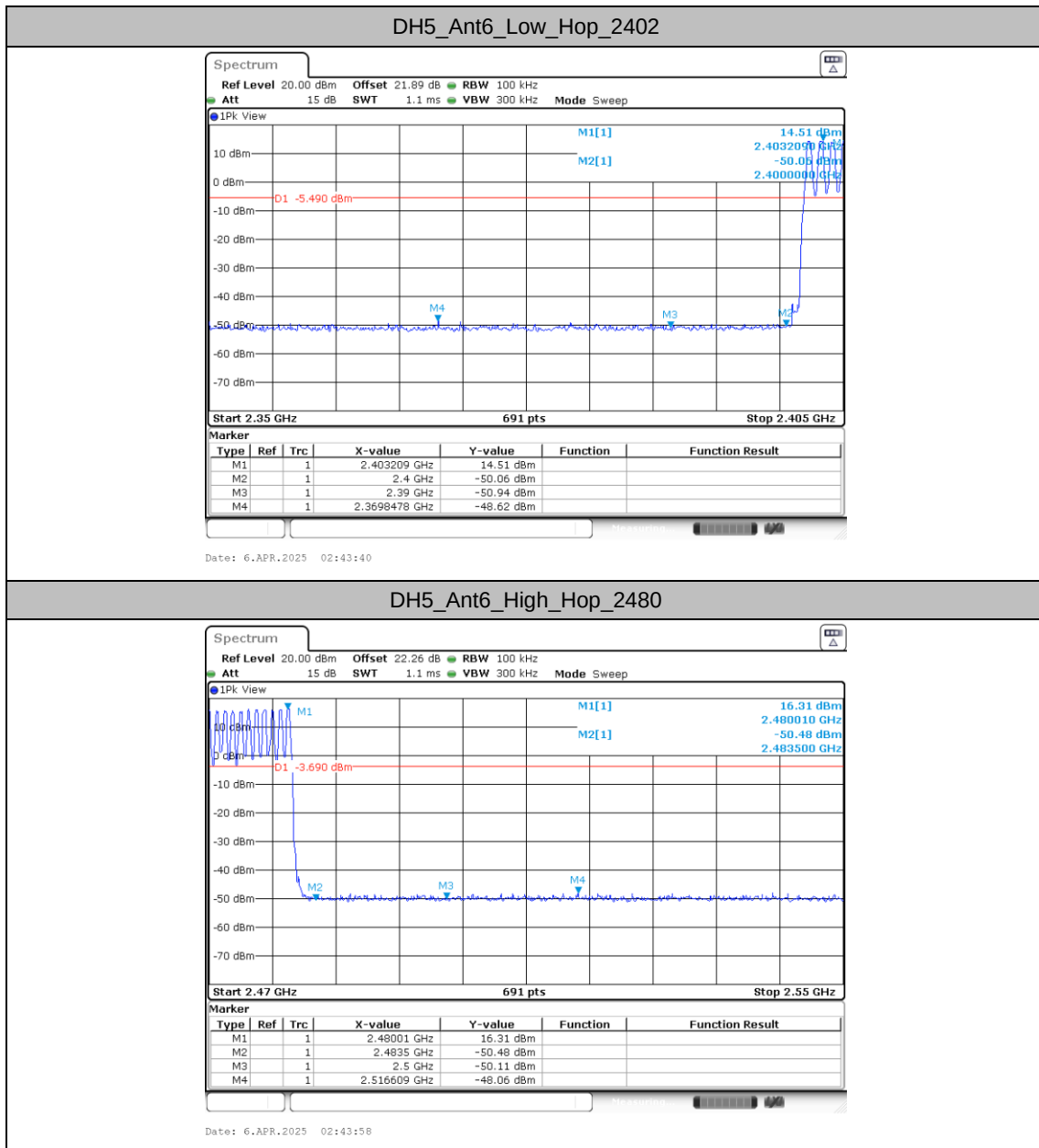
### Test Result

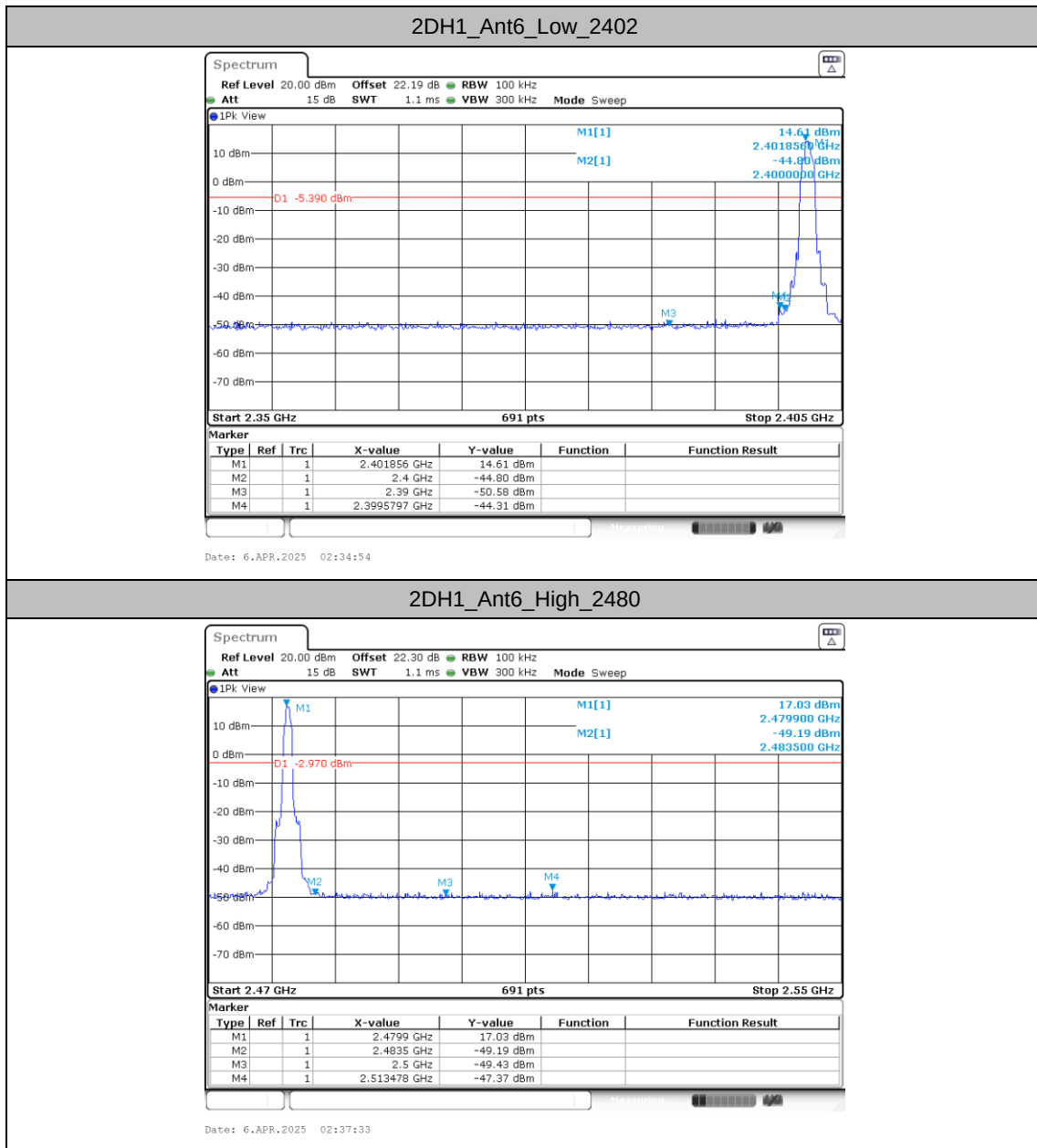
| TestMode | Antenna | ChName | Freq(MHz) | RefLevel [dBm] | Result [dBm] | Limit [dBm]  | Verdict |
|----------|---------|--------|-----------|----------------|--------------|--------------|---------|
| DH5      | Ant6    | Low    | 2402      | 14.90          | -47.53       | $\leq -5.1$  | PASS    |
|          |         | High   | 2480      | 16.83          | -46.95       | $\leq -3.17$ | PASS    |
|          |         | Low    | Hop_2402  | 14.51          | -48.62       | $\leq -5.49$ | PASS    |
|          |         | High   | Hop_2480  | 16.31          | -48.06       | $\leq -3.69$ | PASS    |
| 2DH1     | Ant6    | Low    | 2402      | 14.61          | -44.31       | $\leq -5.39$ | PASS    |
|          |         | High   | 2480      | 17.03          | -47.37       | $\leq -2.97$ | PASS    |
|          |         | Low    | Hop_2402  | 13.75          | -48.37       | $\leq -6.25$ | PASS    |
|          |         | High   | Hop_2480  | 16.50          | -47.78       | $\leq -3.5$  | PASS    |
| 3DH1     | Ant6    | Low    | 2402      | 14.19          | -44.78       | $\leq -5.81$ | PASS    |
|          |         | High   | 2480      | 16.64          | -47.25       | $\leq -3.36$ | PASS    |
|          |         | Low    | Hop_2402  | 13.70          | -46.17       | $\leq -6.3$  | PASS    |
|          |         | High   | Hop_2480  | 16.46          | -48.08       | $\leq -3.54$ | PASS    |



## Test Graphs

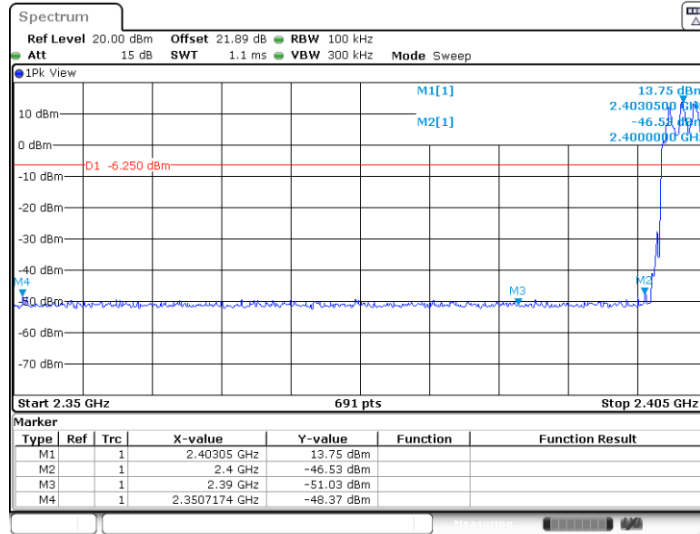




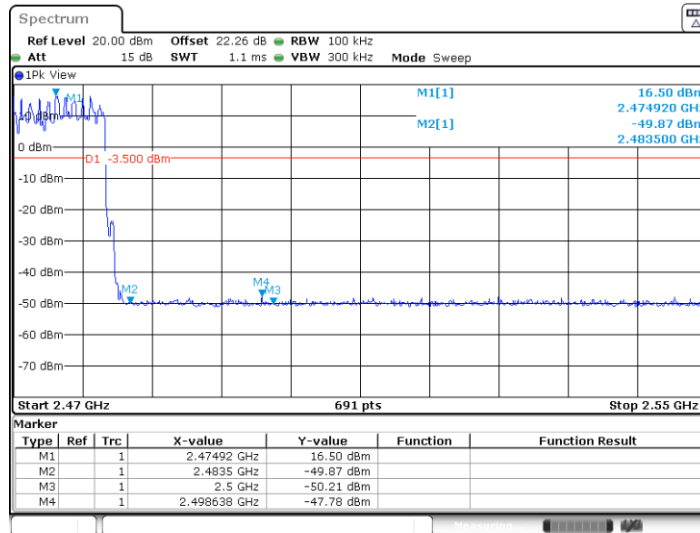


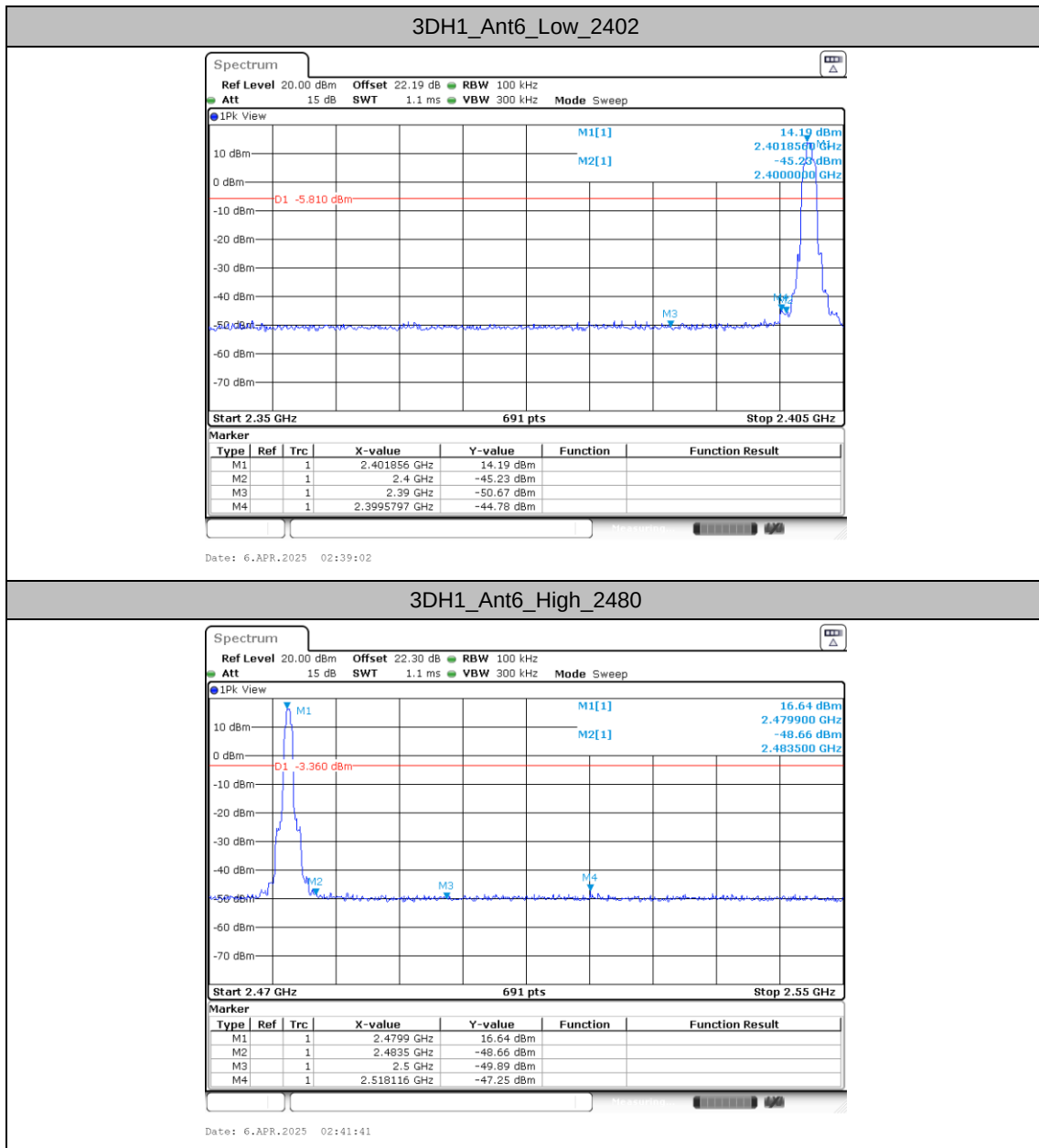


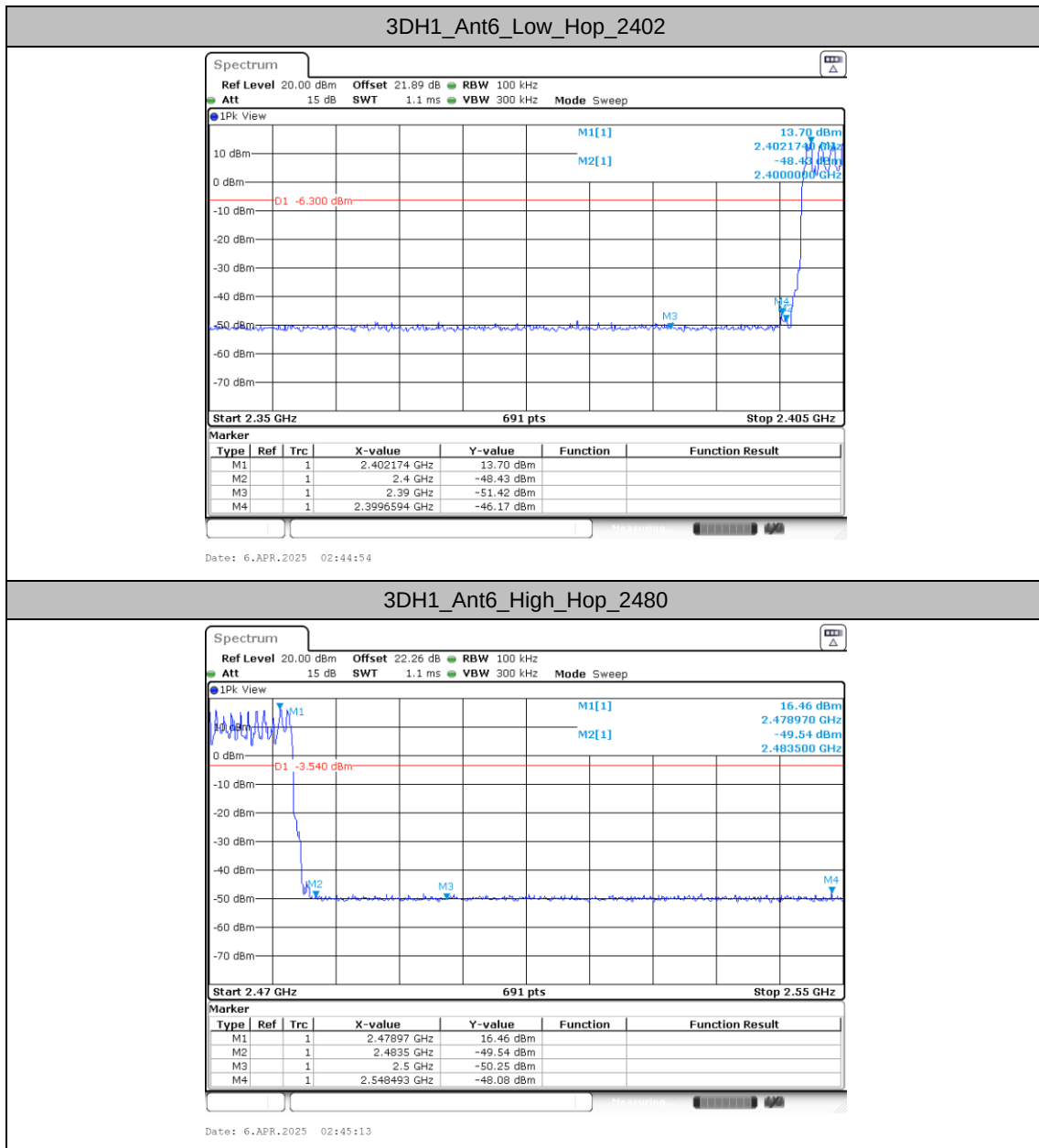
## 2DH1\_Ant6\_Low\_Hop\_2402



## 2DH1\_Ant6\_High\_Hop\_2480







## Conducted Spurious Emission

### Test Result

| TestMode | Antenna | Freq(MHz) | FreqRange [MHz] | RefLevel [dBm] | Result [dBm] | Limit [dBm]  | Verdict |
|----------|---------|-----------|-----------------|----------------|--------------|--------------|---------|
| DH5      | Ant6    | 2402      | Reference       | 14.88          | 14.88        | ---          | PASS    |
|          |         |           | 30~1000         | 14.88          | -44.72       | $\leq -5.12$ | PASS    |
|          |         |           | 1000~26500      | 14.88          | -36.52       | $\leq -5.12$ | PASS    |
|          |         | 2441      | Reference       | 16.74          | 16.74        | ---          | PASS    |
|          |         |           | 30~1000         | 16.74          | -44.25       | $\leq -3.26$ | PASS    |
|          |         |           | 1000~26500      | 16.74          | -35.53       | $\leq -3.26$ | PASS    |
|          |         | 2480      | Reference       | 16.96          | 16.96        | ---          | PASS    |
|          |         |           | 30~1000         | 16.96          | -44.13       | $\leq -3.04$ | PASS    |
|          |         |           | 1000~26500      | 16.96          | -36.21       | $\leq -3.04$ | PASS    |
| 2DH1     | Ant6    | 2402      | Reference       | 14.58          | 14.58        | ---          | PASS    |
|          |         |           | 30~1000         | 14.58          | -43.96       | $\leq -5.42$ | PASS    |
|          |         |           | 1000~26500      | 14.58          | -33.88       | $\leq -5.42$ | PASS    |
|          |         | 2441      | Reference       | 16.39          | 16.39        | ---          | PASS    |
|          |         |           | 30~1000         | 16.39          | -45          | $\leq -3.61$ | PASS    |
|          |         |           | 1000~26500      | 16.39          | -36          | $\leq -3.61$ | PASS    |
|          |         | 2480      | Reference       | 17.17          | 17.17        | ---          | PASS    |
|          |         |           | 30~1000         | 17.17          | -44.22       | $\leq -2.83$ | PASS    |
|          |         |           | 1000~26500      | 17.17          | -36.12       | $\leq -2.83$ | PASS    |
| 3DH1     | Ant6    | 2402      | Reference       | 14.17          | 14.17        | ---          | PASS    |
|          |         |           | 30~1000         | 14.17          | -45          | $\leq -5.83$ | PASS    |
|          |         |           | 1000~26500      | 14.17          | -36.25       | $\leq -5.83$ | PASS    |
|          |         | 2441      | Reference       | 16.40          | 16.40        | ---          | PASS    |
|          |         |           | 30~1000         | 16.40          | -44.68       | $\leq -3.6$  | PASS    |
|          |         |           | 1000~26500      | 16.40          | -35.92       | $\leq -3.6$  | PASS    |
|          |         | 2480      | Reference       | 17.18          | 17.18        | ---          | PASS    |
|          |         |           | 30~1000         | 17.18          | -44.69       | $\leq -2.82$ | PASS    |
|          |         |           | 1000~26500      | 17.18          | -35.53       | $\leq -2.82$ | PASS    |



## Test Graphs

