

# Test Report

**Report No.** : MTi260112029-0105E1  
**Date of issue** : 2026-03-12  
**Applicant** : REESTAR INTERNATIONAL LIMITED  
**Product** : Electric Cupping Massager  
**Model(s)** : R-WMV01  
**FCC ID** : 2A26P-RWMV01

**Shenzhen Microtest Co., Ltd.**

# TEST REPORT

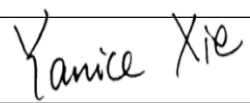
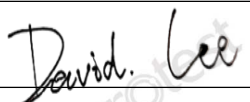
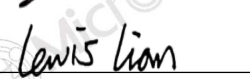
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|                                  |                                                                                                                                                                                             |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>Test Result Certification</b> |                                                                                                                                                                                             |                                                                                       |
| Applicant                        | REESTAR INTERNATIONAL LIMITED                                                                                                                                                               |                                                                                       |
| Applicant Address                | FLAT/RM 16 18/F SEAPOWERTOWER CONCORDIA PLAZA 1<br>SCIENCE MUSEUM ROAD TSIM SHA TSUI KL, China.                                                                                             |                                                                                       |
| Manufacturer                     | Shenzhen Ruiyi Business Technology Co., Ltd.                                                                                                                                                |                                                                                       |
| Manufacturer Address             | No. 810-C063, 8th Floor, Xiangbin International Financial Centre, No.18,<br>West Free Trade Street, China Special Economic Zone, Qianhai Bay,<br>Shenzhen, Guangdong Province, 518000 China |                                                                                       |
| <b>Product description</b>       |                                                                                                                                                                                             |                                                                                       |
| Product name                     | Electric Cupping Massager                                                                                                                                                                   |                                                                                       |
| Trademark                        | RENPHO                                                                                                                                                                                      |                                                                                       |
| Model name                       | R-WMV01                                                                                                                                                                                     |                                                                                       |
| Series Model(s)                  | N/A                                                                                                                                                                                         |                                                                                       |
| Standards                        | 47 CFR Part 15.249                                                                                                                                                                          |                                                                                       |
| Test Method                      | ANSI C63.10-2020+Cor 1-2023                                                                                                                                                                 |                                                                                       |
| <b>Testing Information</b>       |                                                                                                                                                                                             |                                                                                       |
| Date of test                     | 2026-01-23 to 2026-03-10                                                                                                                                                                    |                                                                                       |
| Test result                      | Pass                                                                                                                                                                                        |                                                                                       |
| Prepared by:                     | Yanice Xie                                                                                                                                                                                  |  |
| Reviewed by:                     | David Lee                                                                                                                                                                                   |  |
| Approved by:                     | Lewis Lian                                                                                                                                                                                  |  |

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## 1 General Description

### 1.1 Description of the EUT

|                            |                                          |
|----------------------------|------------------------------------------|
| Product name:              | Electric Cupping Massager                |
| Model name:                | R-WMV01                                  |
| Series Model(s):           | N/A                                      |
| Model difference:          | N/A                                      |
| Electrical rating:         | Input: DC 5V<br>Battery: DC 3.7V 1200mAh |
| Accessories:               | Cable:<br>USB-A to USB-C 0.8M            |
| Hardware version:          | V1.0                                     |
| Software version:          | V1.0                                     |
| Test sample(s) number:     | MTi260112029-01-R001                     |
| <b>RF specification</b>    |                                          |
| Operating frequency range: | 2410-2471MHz                             |
| Channel number:            | 4                                        |
| Modulation type:           | FSK                                      |
| Antenna(s) type:           | PCB Antenna                              |

### 1.2 Description of test modes

| No.   | Emission test modes |
|-------|---------------------|
| Mode1 | TX-FSK              |

#### 1.2.1 Operation channel list

| Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
|---------|-----------------|---------|-----------------|---------|-----------------|---------|-----------------|
| 1       | 2410            | 2       | 2423            | 3       | 2447            | 4       | 2471            |

#### Test Channel List

##### Operation Band: 2.4G

| Bandwidth (MHz) | Lowest Channel (LCH) (MHz) | Middle Channel (MCH) (MHz) | Highest Channel (HCH) (MHz) |
|-----------------|----------------------------|----------------------------|-----------------------------|
| 1               | 2410                       | 2447                       | 2471                        |

Note: The test software provided by manufacturer is used to control EUT for working in engineering mode, that enables selectable channel, and capable of continuous transmitting mode.

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**Test Software: EUT**

For power setting, refer to below table.

| Mode | 2410MHz | 2447MHz | 2471MHz |
|------|---------|---------|---------|
| 1M   | default | default | default |

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### 1.3 Environmental Conditions

During the measurement the environmental conditions were within the listed ranges:

|                       |                  |
|-----------------------|------------------|
| Temperature:          | 15°C ~ 35°C      |
| Humidity:             | 20% RH ~ 75% RH  |
| Atmospheric pressure: | 98 kPa ~ 101 kPa |

### 1.4 Description of support units

#### Support equipment list

| Description | Model | Serial No. | Manufacturer |
|-------------|-------|------------|--------------|
| /           | /     | /          | /            |

#### Support cable list

| Description | Length (m) | From | To |
|-------------|------------|------|----|
| /           | /          | /    | /  |

### 1.5 Measurement uncertainty

| Measurement                              | Uncertainty |
|------------------------------------------|-------------|
| Occupied channel bandwidth               | ±3 %        |
| Radiated spurious emissions (above 1GHz) | ±5.3dB      |
| Radiated spurious emissions (9kHz~30MHz) | ±4.3dB      |
| Radiated spurious emissions (30MHz~1GHz) | ±4.7dB      |
| Temperature                              | ±1 °C       |
| Humidity                                 | ± 5 %       |

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

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### 2 Summary of Test Result

| No. | Item                                      | Standard           | Requirement                                              | Result |
|-----|-------------------------------------------|--------------------|----------------------------------------------------------|--------|
| 1   | Antenna requirement                       | 47 CFR Part 15.249 | 47 CFR Part 15.203                                       | Pass   |
| 2   | Occupied Bandwidth                        | 47 CFR Part 15.249 | 47 CFR 15.215(c)                                         | Pass   |
| 3   | Field strength of fundamental             | 47 CFR Part 15.249 | 47 CFR 15.249(a)<br>47 CFR 15.249(b)(1)                  | Pass   |
| 4   | Band edge emissions (Radiated)            | 47 CFR Part 15.249 | 47 CFR 15.249(d)                                         | Pass   |
| 5   | Emissions in frequency bands (below 1GHz) | 47 CFR Part 15.249 | 47 CFR 15.249(a)<br>47 CFR 15.249(d)<br>47 CFR 15.249(e) | Pass   |
| 6   | Emissions in frequency bands (above 1GHz) | 47 CFR Part 15.249 | 47 CFR 15.249(a)<br>47 CFR 15.249(d)<br>47 CFR 15.249(e) | Pass   |

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### 3 Test Facilities and accreditations

#### 3.1 Test laboratory

|                        |                                                                                                                                      |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Test laboratory:       | Shenzhen Microtest Co., Ltd.                                                                                                         |
| Test site location:    | 101, No.7, Zone 2, Xinxing Industrial Park, Fuhai Avenue, Xinhe Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China |
| Telephone:             | (86-755)88850135                                                                                                                     |
| Fax:                   | (86-755)88850136                                                                                                                     |
| CNAS Registration No.: | CNAS L5868                                                                                                                           |
| FCC Registration No.:  | 448573                                                                                                                               |
| IC Registration No.:   | 21760                                                                                                                                |
| CABID:                 | CN0093                                                                                                                               |

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## 4 List of test equipment

| No.                                                                                                    | Equipment                            | Manufacturer   | Model                             | Serial No. | Cal. date  | Cal. Due   |
|--------------------------------------------------------------------------------------------------------|--------------------------------------|----------------|-----------------------------------|------------|------------|------------|
| Occupied Bandwidth                                                                                     |                                      |                |                                   |            |            |            |
| 1                                                                                                      | Wideband Radio Communication Tester  | Rohde&schwarz  | CMW500                            | 149155     | 2026-03-09 | 2027-03-08 |
| 2                                                                                                      | ESG Series Analog Ssignal Generator  | Agilent        | E4421B                            | GB40051240 | 2026-03-09 | 2027-03-08 |
| 3                                                                                                      | PXA Signal Analyzer                  | Agilent        | N9030A                            | MY51350296 | 2026-03-10 | 2027-03-09 |
| 4                                                                                                      | Synthesized Sweeper                  | Agilent        | 83752A                            | 3610A01957 | 2026-03-10 | 2027-03-09 |
| 5                                                                                                      | MXA Signal Analyzer                  | Agilent        | N9020A                            | MY50143483 | 2026-03-09 | 2027-03-08 |
| 6                                                                                                      | RF Control Unit                      | Tonscend       | JS0806-1                          | 19D8060152 | 2026-03-11 | 2027-03-10 |
| 7                                                                                                      | Band Reject Filter Group             | Tonscend       | JS0806-F                          | 19D8060160 | 2026-03-11 | 2027-03-10 |
| 8                                                                                                      | ESG Vector Signal Generator          | Agilent        | N5182A                            | MY50143762 | 2026-03-10 | 2027-03-09 |
| 9                                                                                                      | DC Power Supply                      | Agilent        | E3632A                            | MY40027695 | 2025-03-18 | 2026-03-17 |
| 10                                                                                                     | RF Test System                       | Tonscend       | JS1120-3 Test System Ver. V3.5.39 | /          | /          | /          |
| Field strength of fundamental Band edge emissions (Radiated) Emissions in frequency bands (above 1GHz) |                                      |                |                                   |            |            |            |
| 1                                                                                                      | EMI Test Receiver                    | Rohde&schwarz  | ESC17                             | 101166     | 2026-03-10 | 2027-03-09 |
| 2                                                                                                      | Double Ridged Broadband Horn Antenna | schwarabeck    | BBHA 9120 D                       | 2278       | 2025-05-27 | 2027-05-26 |
| 3                                                                                                      | Amplifier                            | Agilent        | 8449B                             | 3008A01120 | 2026-03-10 | 2027-03-09 |
| 4                                                                                                      | MXA signal analyzer                  | Agilent        | N9020A                            | MY54440859 | 2026-03-10 | 2027-03-09 |
| 5                                                                                                      | PXA Signal Analyzer                  | Agilent        | N9030A                            | MY51350296 | 2026-03-10 | 2027-03-09 |
| 6                                                                                                      | Horn antenna                         | Schwarzbeck    | BBHA 9170                         | 00987      | 2025-05-27 | 2027-05-26 |
| 7                                                                                                      | Pre-amplifier                        | Space-Dtronics | EWLAN18 40G                       | 210405001  | 2026-03-11 | 2027-03-10 |
| 8                                                                                                      | EMI Measurement Software             | Farad          | EZ-EMC Ver.EMEC-3A1               | /          | /          | /          |
| Emissions in frequency bands (below 1GHz)                                                              |                                      |                |                                   |            |            |            |
| 1                                                                                                      | EMI Test Receiver                    | Rohde&schwarz  | ESC17                             | 101166     | 2026-03-10 | 2027-03-09 |
| 2                                                                                                      | TRILOG Broadband Antenna             | schwarabeck    | VULB 9163                         | 9163-1338  | 2025-05-23 | 2027-05-22 |

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| No. | Equipment                | Manufacturer    | Model               | Serial No. | Cal. date  | Cal. Due   |
|-----|--------------------------|-----------------|---------------------|------------|------------|------------|
| 3   | Active Loop Antenna      | Schwarzbeck     | FMZB 1519 B         | 00066      | 2026-03-08 | 2028-03-07 |
| 4   | Amplifier                | Hewlett-Packard | 8447F               | 3113A06184 | 2026-03-10 | 2027-03-09 |
| 5   | EMI Measurement Software | Farad           | EZ-EMC Ver.EMEC-3A1 | /          | /          | /          |

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### 5 Evaluation Results (Evaluation)

#### 5.1 Antenna requirement

|                   |                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Requirement: | Refer to 47 CFR Part 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

##### 5.1.1 Conclusion:

The antenna of the EUT is permanently attached.  
The EUT complies with the requirement of FCC PART 15.203.

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## 6 Radio Spectrum Matter Test Results (RF)

### 6.1 Occupied Bandwidth

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Requirement: | 47 CFR 15.215(c)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Test Limit:       | Refer to 47 CFR 15.215(c), intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Test Method:      | ANSI C63.10-2020+Cor 1-2023, section 6.9.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Procedure:        | <p>a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the EMI receiver or spectrum analyzer shall be between two times and five times the OBW.</p> <p>b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW and video bandwidth (VBW) shall be approximately three times RBW, unless otherwise specified by the applicable requirement.</p> <p>c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than <math>[10 \log (OBW/RBW)]</math> below the reference level. Specific guidance is given in 4.1.5.2.</p> <p>d) Steps a) through c) might require iteration to adjust within the specified tolerances.</p> <p>e) The dynamic range of the instrument at the selected RBW shall be more than 10 dB below the target “-xx dB down” requirement; that is, if the requirement calls for measuring the -20 dB OBW, the instrument noise floor at the selected RBW shall be at least 30 dB below the reference value.</p> <p>f) Set detection mode to peak and trace mode to max hold.</p> <p>g) Determine the reference value: Set the EUT to transmit an unmodulated carrier or modulated signal, as applicable. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace (this is the reference value).</p> <p>h) Determine the “-xx dB down amplitude” using <math>[(\text{reference value}) - xx]</math>. Alternatively, this calculation may be made by using the marker-delta function of the instrument.</p> <p>i) If the reference value is determined by an unmodulated carrier, then turn the EUT modulation ON, and either clear the existing trace or start a new trace on the spectrum analyzer and allow the new trace to stabilize. Otherwise, the trace from step g) shall be used for step j).</p> <p>j) Place two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the “-xx dB down amplitude” determined in step h). If a marker is below this “-xx dB down amplitude” value, then it shall be as close as possible to this value. The occupied bandwidth is the frequency difference between the two markers. Alternatively, set a marker at the lowest frequency of the envelope of the spectral display, such that the marker is at or slightly below the “-xx dB down amplitude” determined in step h). Reset the marker-delta function and move the marker to the other side of the emission until the delta marker amplitude is at the same level as the reference marker amplitude. The marker-</p> |

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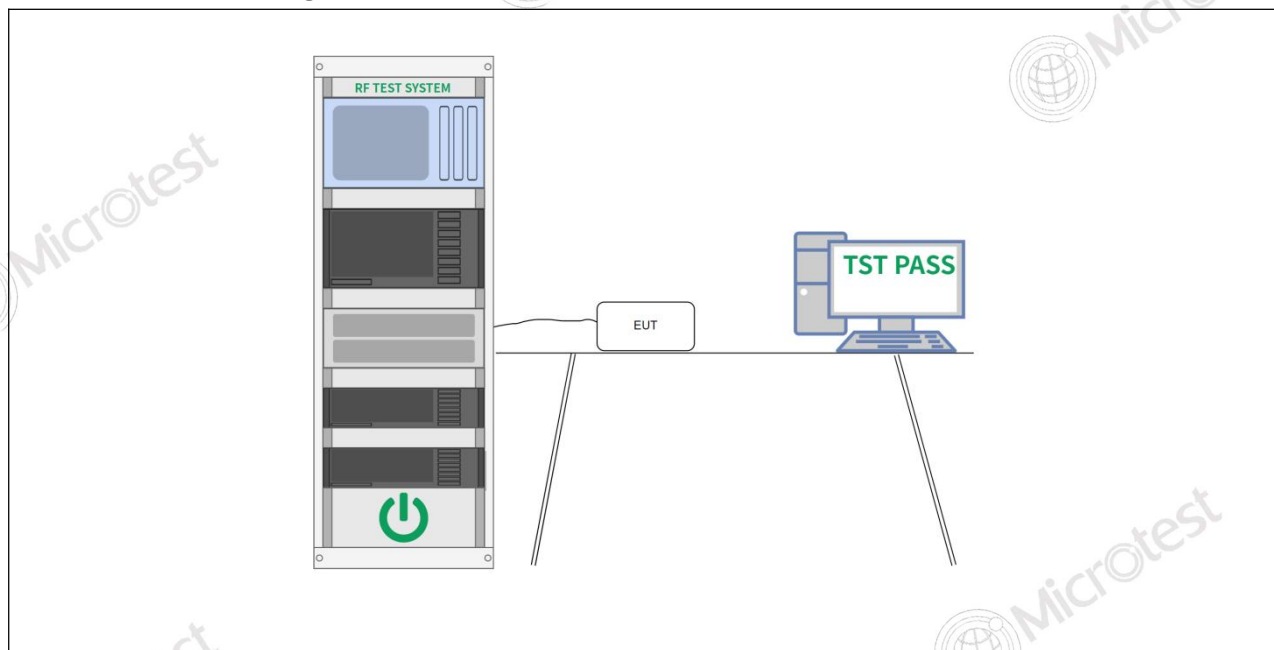
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|  |                                                                                                                                                                                                                                                                                                                       |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | delta frequency reading at this point is the specified emission bandwidth.<br>k) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s). |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 6.1.1 E.U.T. Operation:

|                        |         |           |        |                       |         |
|------------------------|---------|-----------|--------|-----------------------|---------|
| Operating Environment: |         |           |        |                       |         |
| Temperature:           | 23.1 °C | Humidity: | 45.2 % | Atmospheric Pressure: | 101 kPa |
| Pre test mode:         | Mode1   |           |        |                       |         |
| Final test mode:       | Mode1   |           |        |                       |         |

## 6.1.2 Test Setup Diagram:

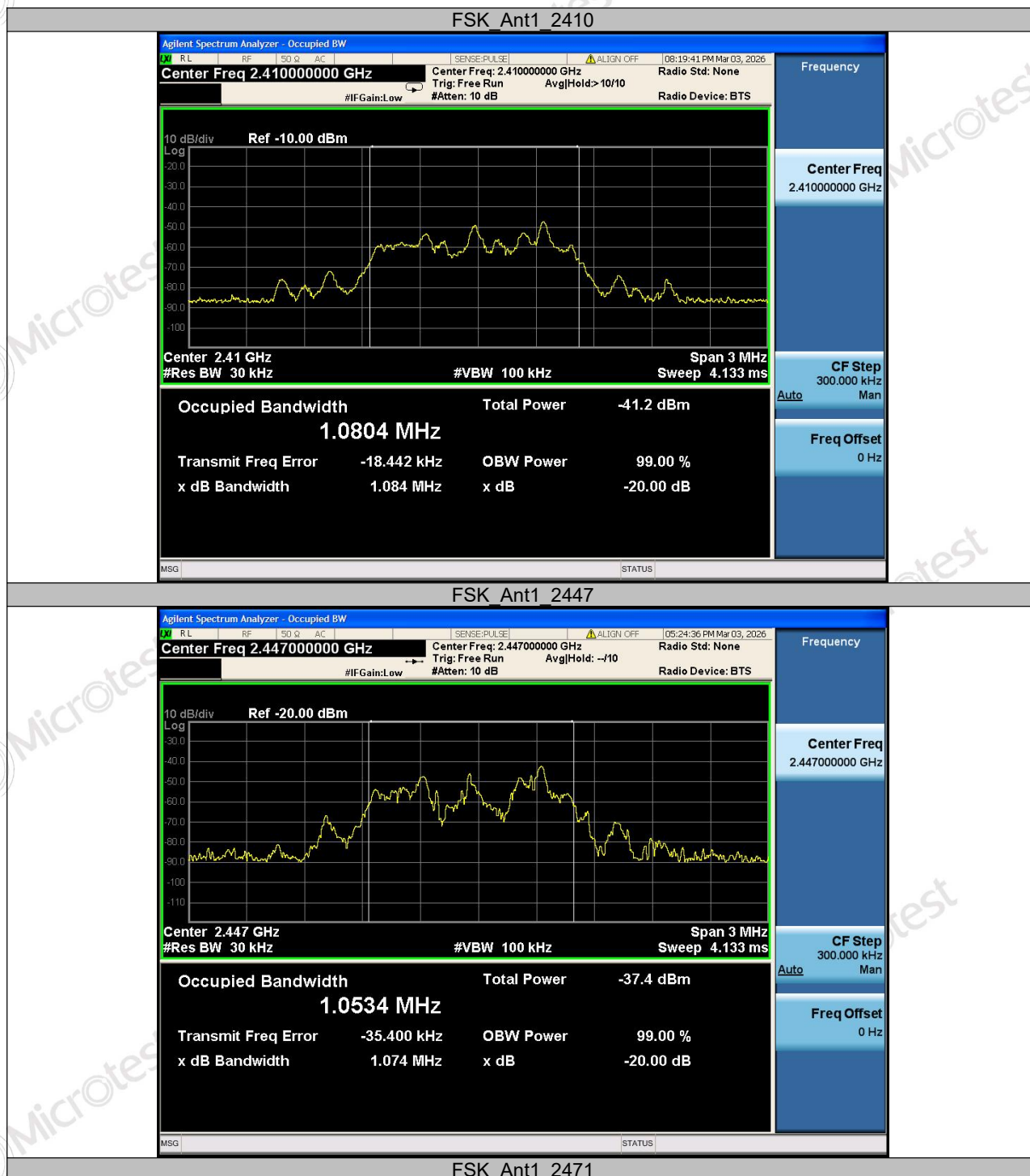


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## 6.1.3 Test Data:

| Test Mode | Antenna | Frequency [MHz] | 99% OBW [MHz] | 20db BW [MHz] |
|-----------|---------|-----------------|---------------|---------------|
| FSK       | Ant1    | 2410            | 1.0804        | 1.084         |
|           |         | 2447            | 1.0534        | 1.074         |
|           |         | 2471            | 1.4791        | 1.103         |



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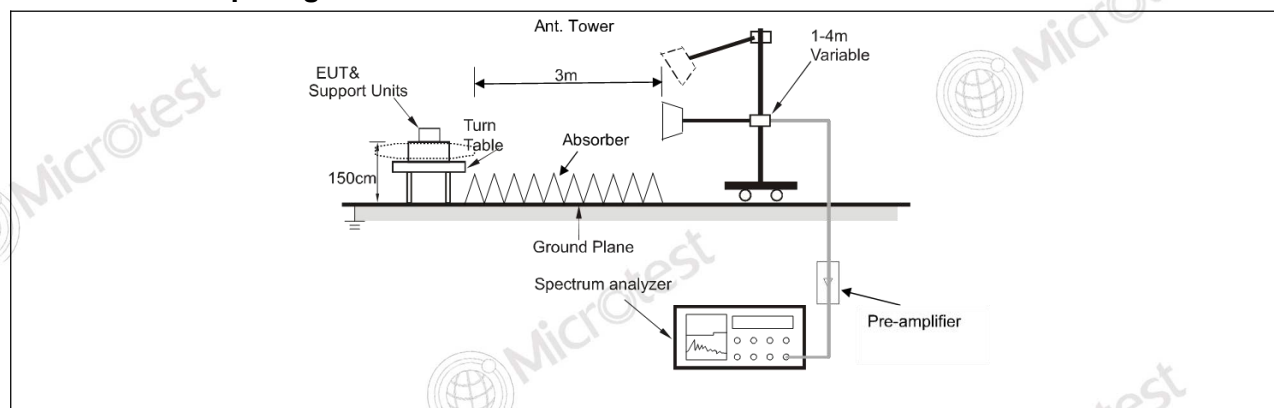
## 6.2 Field strength of fundamental

|                   |                                                                                                                                                                                        |                                                  |                                                |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------------------------------------|
| Test Requirement: | Except as provided in paragraph (b) of this section, the field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following: |                                                  |                                                |
|                   | Fundamental frequency                                                                                                                                                                  | Field strength of fundamental (millivolts/meter) | Field strength of harmonics (microvolts/meter) |
|                   | 902-928 MHz                                                                                                                                                                            | 50                                               | 500                                            |
|                   | 2400-2483.5 MHz                                                                                                                                                                        | 50                                               | 500                                            |
|                   | 5725-5875 MHz                                                                                                                                                                          | 50                                               | 500                                            |
|                   | 24.0-24.25 GHz                                                                                                                                                                         | 250                                              | 2500                                           |
|                   | The field strength of emissions in this band shall not exceed 2500 millivolts/meter.                                                                                                   |                                                  |                                                |
| Test Method:      | ANSI C63.10-2020+Cor 1-2023 section 6.6                                                                                                                                                |                                                  |                                                |
| Procedure:        | ANSI C63.10-2020+Cor 1-2023 section 6.6                                                                                                                                                |                                                  |                                                |

### 6.2.1 E.U.T. Operation:

|                        |         |           |        |                       |         |
|------------------------|---------|-----------|--------|-----------------------|---------|
| Operating Environment: |         |           |        |                       |         |
| Temperature:           | 23.1 °C | Humidity: | 45.2 % | Atmospheric Pressure: | 101 kPa |
| Pre test mode:         | Mode1   |           |        |                       |         |
| Final test mode:       | Mode1   |           |        |                       |         |

### 6.2.2 Test Setup Diagram:



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## 6.2.3 Test Data:

Mode1 / Polarization: Horizontal / CH: L

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector |
| 1   |     | 2410.000 | 71.61         | -4.30          | 67.31       | 114.00 | -46.69 | peak     |
| 2   | *   | 2410.000 | 70.60         | -4.30          | 66.30       | 94.00  | -27.70 | AVG      |

Mode1 / Polarization: Vertical / CH: L

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector |
| 1   |     | 2410.000 | 67.97         | -4.30          | 63.67       | 114.00 | -50.33 | peak     |
| 2   | *   | 2410.000 | 65.04         | -4.30          | 60.74       | 94.00  | -33.26 | AVG      |

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Mode1 / Polarization: Horizontal / CH: M

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector |
| 1   |     | 2447.000 | 86.33         | -4.36          | 81.97       | 114.00 | -32.03 | peak     |
| 2   | *   | 2447.000 | 85.43         | -4.36          | 81.07       | 94.00  | -12.93 | AVG      |

Mode1 / Polarization: Vertical / CH: M

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector |
| 1   |     | 2447.000 | 86.91         | -4.36          | 82.55       | 114.00 | -31.45 | peak     |
| 2   | *   | 2447.000 | 86.07         | -4.36          | 81.71       | 94.00  | -12.29 | AVG      |

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Mode1 / Polarization: Horizontal / CH: H

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector |
| 1   |     | 2471.000 | 79.99         | -4.28          | 75.71       | 114.00 | -38.29 | peak     |
| 2   | *   | 2471.000 | 78.93         | -4.28          | 74.65       | 94.00  | -19.35 | AVG      |

Mode1 / Polarization: Vertical / CH: H

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector |
| 1   |     | 2471.000 | 83.81         | -4.28          | 79.53       | 114.00 | -34.47 | peak     |
| 2   | *   | 2471.000 | 82.77         | -4.28          | 78.49       | 94.00  | -15.51 | AVG      |

# TEST REPORT

Report No.: MTi260112029-0105E1

## 6.3 Band edge emissions (Radiated)

| Test Requirement: | Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in § 15.209, whichever is the lesser attenuation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                               |  |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--|-----------------|-----------------------------------|-------------------------------|-------------|-------------|-----|-------------|--------------|----|------------|----|----|-------|--------|---|--------|--------|---|---------|--------|---|-----------|-----|---|
| Test Limit:       | <div>Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in § 15.209, whichever is the lesser attenuation.</div> <table><tr><th>Frequency (MHz)</th><th>Field strength (microvolts/meter)</th><th>Measurement distance (meters)</th></tr><tr><td>0.009-0.490</td><td>2400/F(kHz)</td><td>300</td></tr><tr><td>0.490-1.705</td><td>24000/F(kHz)</td><td>30</td></tr><tr><td>1.705-30.0</td><td>30</td><td>30</td></tr><tr><td>30-88</td><td>100 **</td><td>3</td></tr><tr><td>88-216</td><td>150 **</td><td>3</td></tr><tr><td>216-960</td><td>200 **</td><td>3</td></tr><tr><td>Above 960</td><td>500</td><td>3</td></tr></table> <div>** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241.<br/>In the emission table above, the tighter limit applies at the band edges.<br/>The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.</div> |                               |  | Frequency (MHz) | Field strength (microvolts/meter) | Measurement distance (meters) | 0.009-0.490 | 2400/F(kHz) | 300 | 0.490-1.705 | 24000/F(kHz) | 30 | 1.705-30.0 | 30 | 30 | 30-88 | 100 ** | 3 | 88-216 | 150 ** | 3 | 216-960 | 200 ** | 3 | Above 960 | 500 | 3 |
| Frequency (MHz)   | Field strength (microvolts/meter)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Measurement distance (meters) |  |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| 0.009-0.490       | 2400/F(kHz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 300                           |  |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| 0.490-1.705       | 24000/F(kHz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 30                            |  |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| 1.705-30.0        | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 30                            |  |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| 30-88             | 100 **                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3                             |  |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| 88-216            | 150 **                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3                             |  |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| 216-960           | 200 **                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3                             |  |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| Above 960         | 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3                             |  |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| Test Method:      | ANSI C63.10-2020+Cor 1-2023 section 6.6.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                               |  |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| Procedure:        | ANSI C63.10-2020+Cor 1-2023 section 6.6.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                               |  |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |

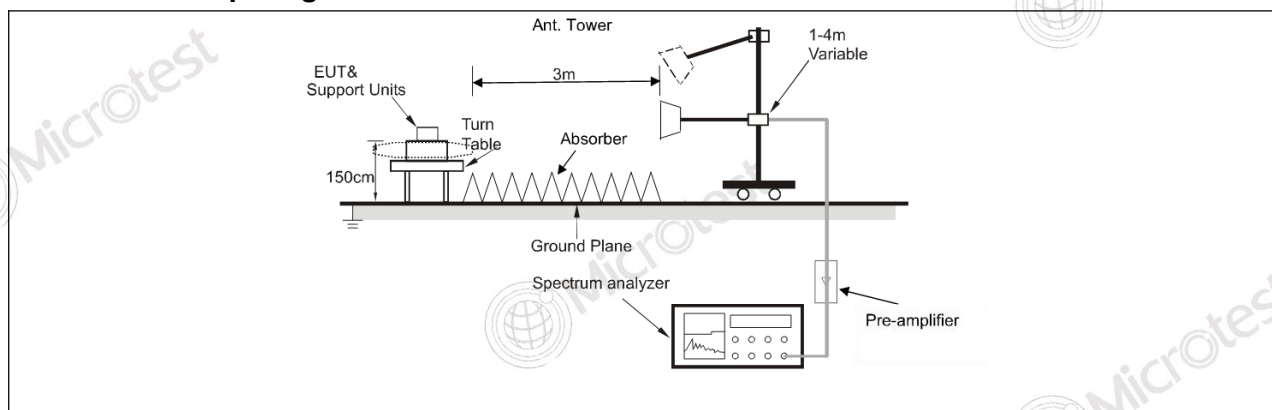
### 6.3.1 E.U.T. Operation:

|                                                                                                                      |         |           |        |                       |         |
|----------------------------------------------------------------------------------------------------------------------|---------|-----------|--------|-----------------------|---------|
| Operating Environment:                                                                                               |         |           |        |                       |         |
| Temperature:                                                                                                         | 23.1 °C | Humidity: | 45.2 % | Atmospheric Pressure: | 101 kPa |
| Pre test mode:                                                                                                       | Mode1   |           |        |                       |         |
| Final test mode:                                                                                                     | Mode1   |           |        |                       |         |
| Note:<br>The amplitude of spurious emissions which are attenuated more than 20 dB below the limits are not reported. |         |           |        |                       |         |

## TEST REPORT

Report No.: MTi260112029-0105E1

### 6.3.2 Test Setup Diagram:



## TEST REPORT

Report No.: MTi260112029-0105E1

### 6.3.3 Test Data:

Mode1 / Polarization: Horizontal / CH: L

| No. | Mk. | Freq.    | Reading<br>Level | Correct<br>Factor | Measure-<br>ment | Limit  | Over   |          |
|-----|-----|----------|------------------|-------------------|------------------|--------|--------|----------|
|     |     | MHz      | dBuV             | dB                | dBuV/m           | dBuV/m | dB     | Detector |
| 1   |     | 2310.000 | 48.81            | -4.50             | 44.31            | 74.00  | -29.69 | peak     |
| 2   |     | 2310.000 | 37.96            | -4.50             | 33.46            | 54.00  | -20.54 | AVG      |
| 3   |     | 2390.000 | 48.67            | -4.31             | 44.36            | 74.00  | -29.64 | peak     |
| 4   |     | 2390.000 | 37.97            | -4.31             | 33.66            | 54.00  | -20.34 | AVG      |
| 5   |     | 2400.000 | 49.40            | -4.29             | 45.11            | 74.00  | -28.89 | peak     |
| 6   | *   | 2400.000 | 38.06            | -4.29             | 33.77            | 54.00  | -20.23 | AVG      |

## TEST REPORT

Report No.: MTi260112029-0105E1

Mode1 / Polarization: Vertical / CH: L

| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|
| 1   |     | 2310.000     | 48.06                    | -4.50                   | 43.56                      | 74.00           | -30.44     | peak     |
| 2   |     | 2310.000     | 37.90                    | -4.50                   | 33.40                      | 54.00           | -20.60     | AVG      |
| 3   |     | 2390.000     | 49.23                    | -4.31                   | 44.92                      | 74.00           | -29.08     | peak     |
| 4   |     | 2390.000     | 38.01                    | -4.31                   | 33.70                      | 54.00           | -20.30     | AVG      |
| 5   |     | 2400.000     | 48.70                    | -4.29                   | 44.41                      | 74.00           | -29.59     | peak     |
| 6   | *   | 2400.000     | 38.08                    | -4.29                   | 33.79                      | 54.00           | -20.21     | AVG      |

## TEST REPORT

Report No.: MTi260112029-0105E1

Mode1 / Polarization: Horizontal / CH: H

| No. | Mk. | Freq.    | Reading<br>Level | Correct<br>Factor | Measure-<br>ment | Limit  | Over   |          |
|-----|-----|----------|------------------|-------------------|------------------|--------|--------|----------|
|     |     | MHz      | dBuV             | dB                | dBuV/m           | dBuV/m | dB     | Detector |
| 1   |     | 2483.500 | 49.01            | -4.23             | 44.78            | 74.00  | -29.22 | peak     |
| 2   |     | 2483.500 | 38.07            | -4.23             | 33.84            | 54.00  | -20.16 | AVG      |
| 3   |     | 2500.000 | 48.85            | -4.15             | 44.70            | 74.00  | -29.30 | peak     |
| 4   | *   | 2500.000 | 38.14            | -4.15             | 33.99            | 54.00  | -20.01 | AVG      |

## TEST REPORT

Report No.: MTi260112029-0105E1

Mode1 / Polarization: Vertical / CH: H

| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|
| 1   |     | 2483.500     | 49.46                    | -4.23                   | 45.23                      | 74.00           | -28.77     | peak     |
| 2   | *   | 2483.500     | 39.31                    | -4.23                   | 35.08                      | 54.00           | -18.92     | AVG      |
| 3   |     | 2500.000     | 49.92                    | -4.15                   | 45.77                      | 74.00           | -28.23     | peak     |
| 4   |     | 2500.000     | 38.15                    | -4.15                   | 34.00                      | 54.00           | -20.00     | AVG      |

# TEST REPORT

Report No.: MTi260112029-0105E1

## 6.4 Emissions in frequency bands (below 1GHz)

| Test Requirement:     | 47 CFR 15.249(a)<br>47 CFR 15.249(d)<br>47 CFR 15.249(e)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------------|--------------------------------------------------|------------------------------------------------|-------------|----|-----|-----------------|----|-----|---------------|----|-----|----------------|-----|------|-----------------|-----------------------------------|-------------------------------|-------------|-------------|-----|-------------|--------------|----|------------|----|----|-------|--------|---|--------|--------|---|---------|--------|---|-----------|-----|---|
| Test Limit:           | <p>Except as provided in paragraph (b) of this section, the field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:</p> <table border="1"> <thead> <tr> <th>Fundamental frequency</th><th>Field strength of fundamental (millivolts/meter)</th><th>Field strength of harmonics (microvolts/meter)</th></tr> </thead> <tbody> <tr> <td>902-928 MHz</td><td>50</td><td>500</td></tr> <tr> <td>2400-2483.5 MHz</td><td>50</td><td>500</td></tr> <tr> <td>5725-5875 MHz</td><td>50</td><td>500</td></tr> <tr> <td>24.0-24.25 GHz</td><td>250</td><td>2500</td></tr> </tbody> </table> <p>Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in § 15.209, whichever is the lesser attenuation.</p> <table border="1"> <thead> <tr> <th>Frequency (MHz)</th><th>Field strength (microvolts/meter)</th><th>Measurement distance (meters)</th></tr> </thead> <tbody> <tr> <td>0.009-0.490</td><td>2400/F(kHz)</td><td>300</td></tr> <tr> <td>0.490-1.705</td><td>24000/F(kHz)</td><td>30</td></tr> <tr> <td>1.705-30.0</td><td>30</td><td>30</td></tr> <tr> <td>30-88</td><td>100 **</td><td>3</td></tr> <tr> <td>88-216</td><td>150 **</td><td>3</td></tr> <tr> <td>216-960</td><td>200 **</td><td>3</td></tr> <tr> <td>Above 960</td><td>500</td><td>3</td></tr> </tbody> </table> <p>** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241.</p> <p>In the emission table above, the tighter limit applies at the band edges.</p> <p>The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector. As shown in § 15.35(b), for frequencies above 1000 MHz, the field strength limits in paragraphs (a) and (b) of this section are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For point-to-point operation under paragraph (b) of this section, the peak field strength shall not exceed 2500 millivolts/meter at 3 meters along the antenna azimuth.</p> |                                                | Fundamental frequency | Field strength of fundamental (millivolts/meter) | Field strength of harmonics (microvolts/meter) | 902-928 MHz | 50 | 500 | 2400-2483.5 MHz | 50 | 500 | 5725-5875 MHz | 50 | 500 | 24.0-24.25 GHz | 250 | 2500 | Frequency (MHz) | Field strength (microvolts/meter) | Measurement distance (meters) | 0.009-0.490 | 2400/F(kHz) | 300 | 0.490-1.705 | 24000/F(kHz) | 30 | 1.705-30.0 | 30 | 30 | 30-88 | 100 ** | 3 | 88-216 | 150 ** | 3 | 216-960 | 200 ** | 3 | Above 960 | 500 | 3 |
| Fundamental frequency | Field strength of fundamental (millivolts/meter)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Field strength of harmonics (microvolts/meter) |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| 902-928 MHz           | 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 500                                            |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| 2400-2483.5 MHz       | 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 500                                            |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| 5725-5875 MHz         | 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 500                                            |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| 24.0-24.25 GHz        | 250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2500                                           |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| Frequency (MHz)       | Field strength (microvolts/meter)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Measurement distance (meters)                  |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| 0.009-0.490           | 2400/F(kHz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 300                                            |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| 0.490-1.705           | 24000/F(kHz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 30                                             |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| 1.705-30.0            | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 30                                             |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| 30-88                 | 100 **                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3                                              |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| 88-216                | 150 **                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3                                              |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| 216-960               | 200 **                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3                                              |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| Above 960             | 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3                                              |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| Test Method:          | ANSI C63.10-2020+Cor 1-2023 section 6.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |

# TEST REPORT

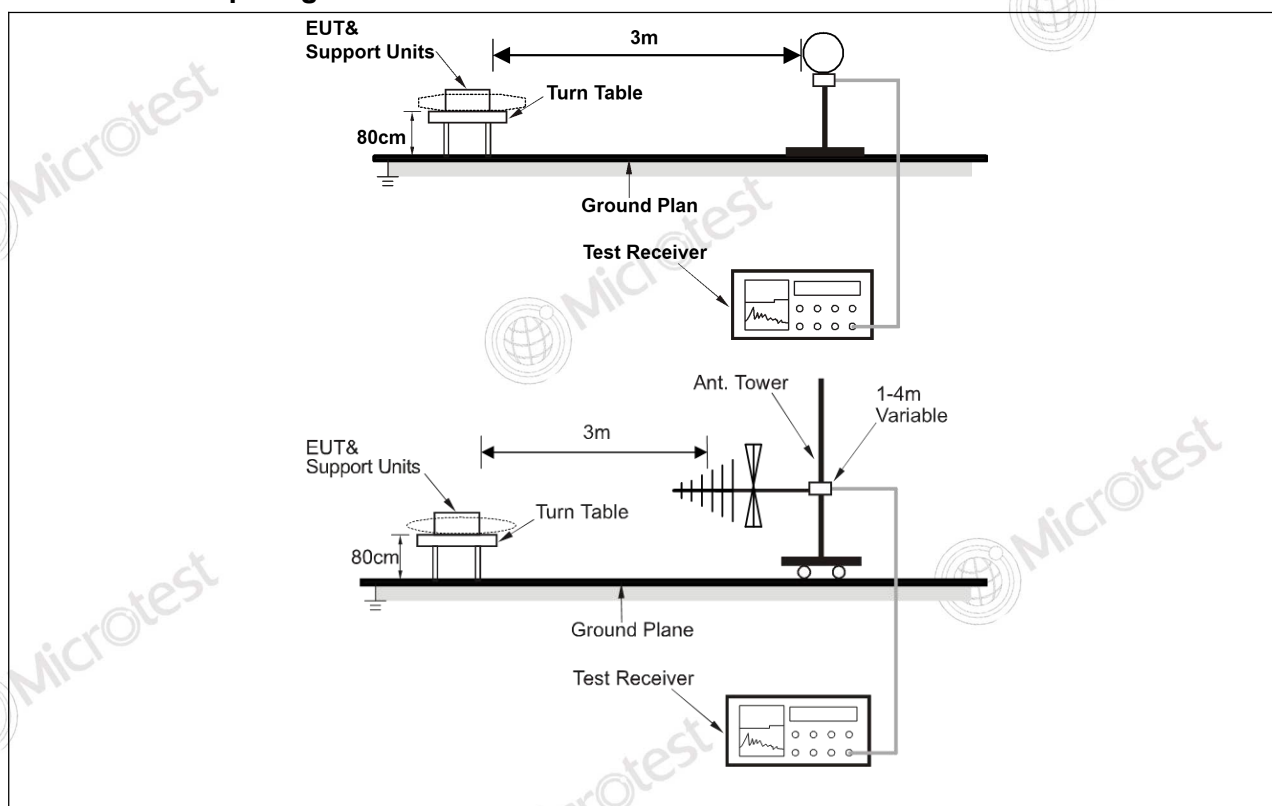
Report No.: MTi260112029-0105E1

|            |                                         |
|------------|-----------------------------------------|
| Procedure: | ANSI C63.10-2020+Cor 1-2023 section 6.5 |
|------------|-----------------------------------------|

## 6.4.1 E.U.T. Operation:

|                                                                                                                                                                        |         |           |        |                       |         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|--------|-----------------------|---------|
| Operating Environment:                                                                                                                                                 |         |           |        |                       |         |
| Temperature:                                                                                                                                                           | 23.1 °C | Humidity: | 45.2 % | Atmospheric Pressure: | 101 kPa |
| Pre test mode:                                                                                                                                                         | Mode1   |           |        |                       |         |
| Final test mode:                                                                                                                                                       | Mode1   |           |        |                       |         |
| Note:                                                                                                                                                                  |         |           |        |                       |         |
| The amplitude of spurious emissions which are attenuated more than 20 dB below the limits are not reported.                                                            |         |           |        |                       |         |
| All modes of operation of the EUT were investigated, and only the worst-case results are reported. There were no emissions found below 30MHz within 20dB of the limit. |         |           |        |                       |         |

## 6.4.2 Test Setup Diagram:

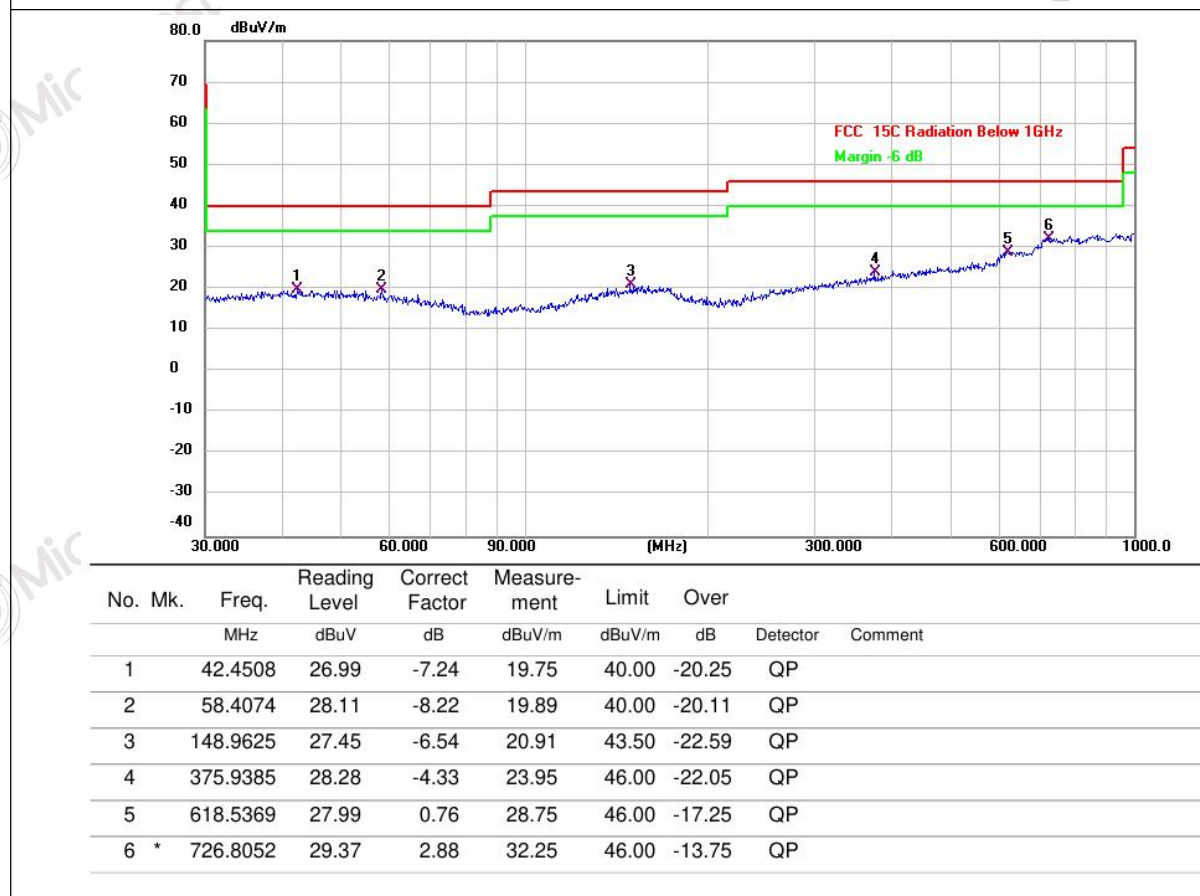


# TEST REPORT

Report No.: MTi260112029-0105E1

## 6.4.3 Test Data:

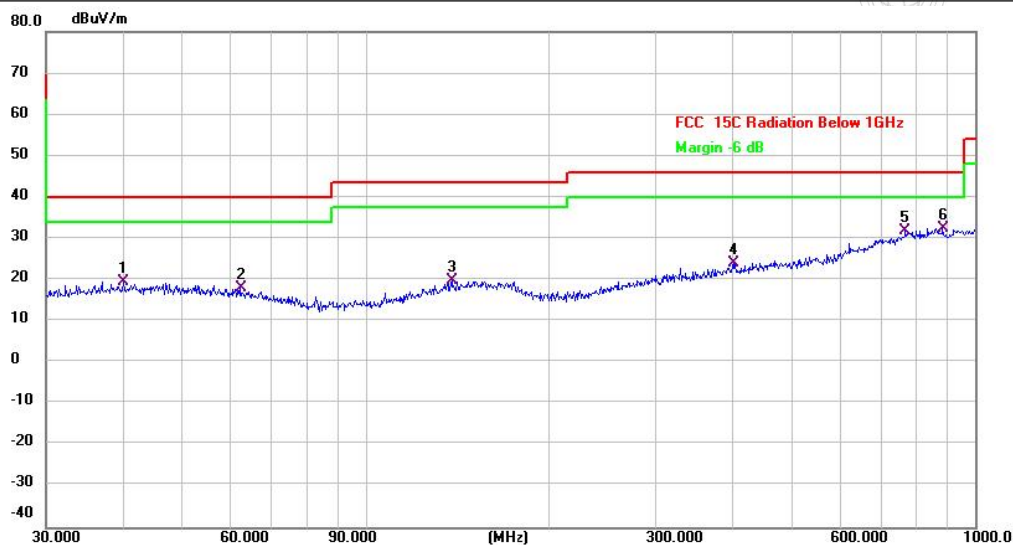
Mode1 / Polarization: Horizontal / CH: H



# TEST REPORT

Report No.: MTi260112029-0105E1

Mode1 / Polarization: Vertical / CH: H



| No. Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|---------|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1       | 40.1347      | 26.67                    | -7.10                   | 19.57                      | 40.00           | -20.43     | QP       |         |
| 2       | 62.4314      | 26.70                    | -8.53                   | 18.17                      | 40.00           | -21.83     | QP       |         |
| 3       | 138.3873     | 27.16                    | -7.28                   | 19.88                      | 43.50           | -23.62     | QP       |         |
| 4       | 401.8385     | 27.96                    | -3.76                   | 24.20                      | 46.00           | -21.80     | QP       |         |
| 5       | 768.7481     | 28.39                    | 3.55                    | 31.94                      | 46.00           | -14.06     | QP       |         |
| 6 *     | 884.5029     | 27.47                    | 5.11                    | 32.58                      | 46.00           | -13.42     | QP       |         |

# TEST REPORT

Report No.: MTi260112029-0105E1

## 6.5 Emissions in frequency bands (above 1GHz)

| Test Requirement:     | 47 CFR 15.249(a)<br>47 CFR 15.249(d)<br>47 CFR 15.249(e)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------------|--------------------------------------------------|------------------------------------------------|-------------|----|-----|-----------------|----|-----|---------------|----|-----|----------------|-----|------|-----------------|-----------------------------------|-------------------------------|-------------|-------------|-----|-------------|--------------|----|------------|----|----|-------|--------|---|--------|--------|---|---------|--------|---|-----------|-----|---|
| Test Limit:           | <p>Except as provided in paragraph (b) of this section, the field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:</p> <table border="1"> <thead> <tr> <th>Fundamental frequency</th><th>Field strength of fundamental (millivolts/meter)</th><th>Field strength of harmonics (microvolts/meter)</th></tr> </thead> <tbody> <tr> <td>902-928 MHz</td><td>50</td><td>500</td></tr> <tr> <td>2400-2483.5 MHz</td><td>50</td><td>500</td></tr> <tr> <td>5725-5875 MHz</td><td>50</td><td>500</td></tr> <tr> <td>24.0-24.25 GHz</td><td>250</td><td>2500</td></tr> </tbody> </table> <p>Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in § 15.209, whichever is the lesser attenuation.</p> <table border="1"> <thead> <tr> <th>Frequency (MHz)</th><th>Field strength (microvolts/meter)</th><th>Measurement distance (meters)</th></tr> </thead> <tbody> <tr> <td>0.009-0.490</td><td>2400/F(kHz)</td><td>300</td></tr> <tr> <td>0.490-1.705</td><td>24000/F(kHz)</td><td>30</td></tr> <tr> <td>1.705-30.0</td><td>30</td><td>30</td></tr> <tr> <td>30-88</td><td>100 **</td><td>3</td></tr> <tr> <td>88-216</td><td>150 **</td><td>3</td></tr> <tr> <td>216-960</td><td>200 **</td><td>3</td></tr> <tr> <td>Above 960</td><td>500</td><td>3</td></tr> </tbody> </table> <p>** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241.</p> <p>In the emission table above, the tighter limit applies at the band edges.</p> <p>The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector. As shown in § 15.35(b), for frequencies above 1000 MHz, the field strength limits in paragraphs (a) and (b) of this section are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For point-to-point operation under paragraph (b) of this section, the peak field strength shall not exceed 2500 millivolts/meter at 3 meters along the antenna azimuth.</p> |                                                | Fundamental frequency | Field strength of fundamental (millivolts/meter) | Field strength of harmonics (microvolts/meter) | 902-928 MHz | 50 | 500 | 2400-2483.5 MHz | 50 | 500 | 5725-5875 MHz | 50 | 500 | 24.0-24.25 GHz | 250 | 2500 | Frequency (MHz) | Field strength (microvolts/meter) | Measurement distance (meters) | 0.009-0.490 | 2400/F(kHz) | 300 | 0.490-1.705 | 24000/F(kHz) | 30 | 1.705-30.0 | 30 | 30 | 30-88 | 100 ** | 3 | 88-216 | 150 ** | 3 | 216-960 | 200 ** | 3 | Above 960 | 500 | 3 |
| Fundamental frequency | Field strength of fundamental (millivolts/meter)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Field strength of harmonics (microvolts/meter) |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| 902-928 MHz           | 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 500                                            |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| 2400-2483.5 MHz       | 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 500                                            |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| 5725-5875 MHz         | 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 500                                            |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| 24.0-24.25 GHz        | 250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2500                                           |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| Frequency (MHz)       | Field strength (microvolts/meter)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Measurement distance (meters)                  |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| 0.009-0.490           | 2400/F(kHz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 300                                            |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| 0.490-1.705           | 24000/F(kHz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 30                                             |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| 1.705-30.0            | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 30                                             |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| 30-88                 | 100 **                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3                                              |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| 88-216                | 150 **                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3                                              |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| 216-960               | 200 **                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3                                              |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| Above 960             | 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3                                              |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |
| Test Method:          | ANSI C63.10-2020+Cor 1-2023 section 6.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                |                       |                                                  |                                                |             |    |     |                 |    |     |               |    |     |                |     |      |                 |                                   |                               |             |             |     |             |              |    |            |    |    |       |        |   |        |        |   |         |        |   |           |     |   |

# TEST REPORT

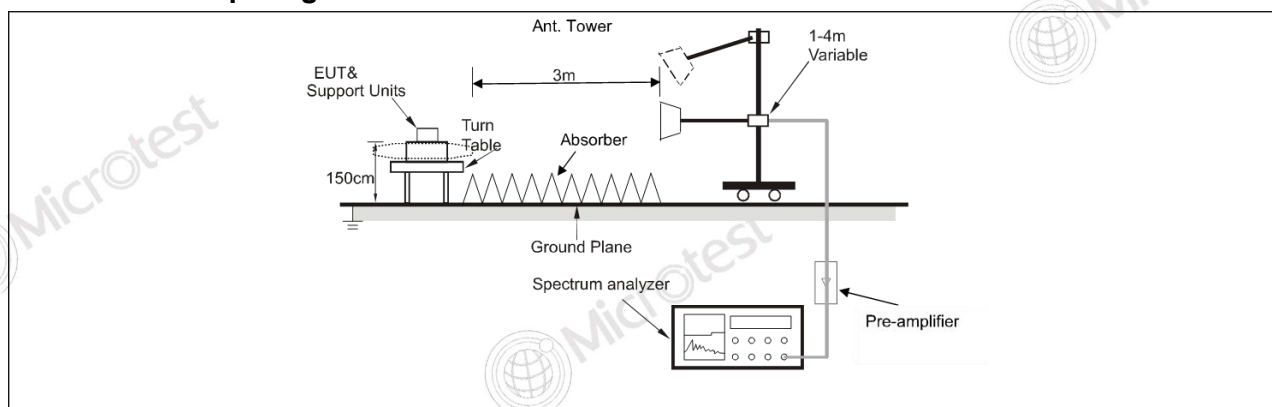
Report No.: MTi260112029-0105E1

|            |                                         |
|------------|-----------------------------------------|
| Procedure: | ANSI C63.10-2020+Cor 1-2023 section 6.6 |
|------------|-----------------------------------------|

## 6.5.1 E.U.T. Operation:

|                                                                                                                                                                                                                                                                |         |           |        |                       |         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|--------|-----------------------|---------|
| Operating Environment:                                                                                                                                                                                                                                         |         |           |        |                       |         |
| Temperature:                                                                                                                                                                                                                                                   | 23.1 °C | Humidity: | 45.2 % | Atmospheric Pressure: | 101 kPa |
| Pre test mode:                                                                                                                                                                                                                                                 | Mode1   |           |        |                       |         |
| Final test mode:                                                                                                                                                                                                                                               | Mode1   |           |        |                       |         |
| Note: Test frequency are from 1GHz to 25GHz, the amplitude of spurious emissions which are attenuated more than 20 dB below the limits are not reported.<br>All modes of operation of the EUT were investigated, and only the worst-case results are reported. |         |           |        |                       |         |

## 6.5.2 Test Setup Diagram:



# TEST REPORT

Report No.: MTi260112029-0105E1

## 6.5.3 Test Data:

Mode1 / Polarization: Horizontal / CH: L

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector |
| 1   |     | 4820.000 | 43.08         | 2.70           | 45.78       | 74.00  | -28.22 | peak     |
| 2   |     | 4820.000 | 37.51         | 2.70           | 40.21       | 54.00  | -13.79 | AVG      |
| 3   |     | 7230.000 | 42.42         | 7.41           | 49.83       | 74.00  | -24.17 | peak     |
| 4   |     | 7230.000 | 37.82         | 7.41           | 45.23       | 54.00  | -8.77  | AVG      |
| 5   |     | 9640.000 | 44.59         | 9.20           | 53.79       | 74.00  | -20.21 | peak     |
| 6   | *   | 9640.000 | 37.08         | 9.20           | 46.28       | 54.00  | -7.72  | AVG      |

Mode1 / Polarization: Vertical / CH: L

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector |
| 1   |     | 4820.000 | 43.28         | 2.70           | 45.98       | 74.00  | -28.02 | peak     |
| 2   |     | 4820.000 | 38.07         | 2.70           | 40.77       | 54.00  | -13.23 | AVG      |
| 3   |     | 7230.000 | 43.73         | 7.41           | 51.14       | 74.00  | -22.86 | peak     |
| 4   |     | 7230.000 | 39.47         | 7.41           | 46.88       | 54.00  | -7.12  | AVG      |
| 5   |     | 9640.000 | 45.27         | 9.20           | 54.47       | 74.00  | -19.53 | peak     |
| 6   | *   | 9640.000 | 39.41         | 9.20           | 48.61       | 54.00  | -5.39  | AVG      |

# TEST REPORT

Report No.: MTi260112029-0105E1

Mode1 / Polarization: Horizontal / CH: M

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector |
| 1   |     | 4894.000 | 42.81         | 2.75           | 45.56       | 74.00  | -28.44 | peak     |
| 2   |     | 4894.000 | 37.97         | 2.75           | 40.72       | 54.00  | -13.28 | AVG      |
| 3   |     | 7341.000 | 42.60         | 7.98           | 50.58       | 74.00  | -23.42 | peak     |
| 4   |     | 7341.000 | 38.41         | 7.98           | 46.39       | 54.00  | -7.61  | AVG      |
| 5   |     | 9788.000 | 44.67         | 9.81           | 54.48       | 74.00  | -19.52 | peak     |
| 6   | *   | 9788.000 | 39.97         | 9.81           | 49.78       | 54.00  | -4.22  | AVG      |

Mode1 / Polarization: Vertical / CH: M

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector |
| 1   |     | 4894.000 | 42.64         | 2.75           | 45.39       | 74.00  | -28.61 | peak     |
| 2   |     | 4894.000 | 37.53         | 2.75           | 40.28       | 54.00  | -13.72 | AVG      |
| 3   |     | 7341.000 | 43.22         | 7.98           | 51.20       | 74.00  | -22.80 | peak     |
| 4   |     | 7341.000 | 38.93         | 7.98           | 46.91       | 54.00  | -7.09  | AVG      |
| 5   |     | 9788.000 | 44.27         | 9.81           | 54.08       | 74.00  | -19.92 | peak     |
| 6   | *   | 9788.000 | 39.75         | 9.81           | 49.56       | 54.00  | -4.44  | AVG      |

# TEST REPORT

Report No.: MTi260112029-0105E1

Mode1 / Polarization: Horizontal / CH: H

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector |
| 1   |     | 4942.000 | 41.73         | 3.06           | 44.79       | 74.00  | -29.21 | peak     |
| 2   |     | 4942.000 | 35.35         | 3.06           | 38.41       | 54.00  | -15.59 | AVG      |
| 3   |     | 7413.000 | 43.38         | 7.64           | 51.02       | 74.00  | -22.98 | peak     |
| 4   |     | 7413.000 | 38.85         | 7.64           | 46.49       | 54.00  | -7.51  | AVG      |
| 5   |     | 9884.000 | 44.21         | 9.44           | 53.65       | 74.00  | -20.35 | peak     |
| 6   | *   | 9884.000 | 39.09         | 9.44           | 48.53       | 54.00  | -5.47  | AVG      |

Mode1 / Polarization: Vertical / CH: H

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector |
| 1   |     | 4942.000 | 41.88         | 3.06           | 44.94       | 74.00  | -29.06 | peak     |
| 2   |     | 4942.000 | 36.68         | 3.06           | 39.74       | 54.00  | -14.26 | AVG      |
| 3   |     | 7413.000 | 43.12         | 7.64           | 50.76       | 74.00  | -23.24 | peak     |
| 4   |     | 7413.000 | 39.35         | 7.64           | 46.99       | 54.00  | -7.01  | AVG      |
| 5   |     | 9884.000 | 44.46         | 9.44           | 53.90       | 74.00  | -20.10 | peak     |
| 6   | *   | 9884.000 | 38.79         | 9.44           | 48.23       | 54.00  | -5.77  | AVG      |

## TEST REPORT

Report No.: MTi260112029-0105E1

### Photographs of the test setup

Refer to Appendix - Test Setup Photos

## TEST REPORT

Report No.: MTi260112029-0105E1

### Photographs of the EUT

Refer to Appendix - EUT Photos

## TEST REPORT

Report No.: MTi260112029-0105E1

### Statement

1. This report is invalid without the seal and signature of the laboratory.
2. The test results of this report are only responsible for the samples submitted. Client shall be responsible for representativeness of the sample and authenticity of the material.
3. The report shall not be partially reproduced without the written consent of the Laboratory.
4. This report is invalid if transferred, altered or tampered with in any form without authorization.
5. The observations or tests with special mark fall outside the scope of accreditation, and are only used for purpose of commission, research, training, internal quality control etc.
6. Any objection to this report shall be submitted to the laboratory within 15 days from the date of receipt of the report.

\*\*\*\*\* END OF REPORT \*\*\*\*\*