# TEST REPORT

of

# FCC CFR Title 47 Part 15 Subpart C

| | |
|---|---|
| Product: | **LORA module** |
| Brand: | **Fanstel** |
| Main Model: | **LR62X1E** |
| Series Model: | **LR62X1P; LR62X1C** |
| FCC ID: | **X8WLR62X1E** |
| Standard: | **§15.247, Cat: DSS** |
| Reference: | **ANSI C63.10: 2013**<br>**KDB 558074 D01 v05r02** |
| Applicant: | **Fanstel Corporation, Taipei** |
| Address | **10F-10, No. 79, Sec. 1, Hsin Tai Wu Rd., Hsi-Chih, New Taipei City 221 Taiwan** |

Test Performed by:

**International Standards Laboratory Corp. LT Lab.**
TEL: +886-3-263-8888 FAX: +886-3-263-8899
No. 120, Lane 180, Hsin Ho Rd., Lung-Tan Dist., Tao Yuan City 325, Taiwan

Report No.: **ISL-25LR0125FCLORA**
Issue Date : **August 26, 2025**

Testing Laboratory
0997
FCC Registration Number: 487532

# VERIFICATION OF COMPLIANCE

| | |
|---|---|
| **Applicant:** | Fanstel Corporation, Taipei |
| **Equipment Under Test:** | LORA module |
| **Brand:** | Fanstel |
| **Main Model:** | LR62X1E |
| **Series Model:** | LR62X1P; LR62X1C |
| **Model Difference:** | Antenna differences |
| **FCC ID:** | X8WLR62X1E |
| **Date of Test:** | August 11, 2025 ~ August 26, 2025 |
| **Date of EUT Received:** | August 11, 2025 |

| APPLICABLE STANDARDS | |
|---|---|
| **STANDARD** | **TEST RESULT** |
| FCC Part 15.247 | Complied |

We hereby certify that:
All the tests in this report have been performed and recorded in accordance with the standards de-scribed above and performed by an independent electromagnetic compatibility consultant, International Standards Laboratory Corp.
The test results contained in this report accurately represent the measurements of the characteristics and the energy generated by sample equipment under test at the time of the test. The sample equipment tested as described in this report is in compliance with the limits of above standards.

Prepared By: Gigi Yeh

Test By: Barry Lee
Barry Lee

Approved By:
Jerry Liu / Manager

# Version

| Version No. | Date | Description |
|---|---|---|
| 00 | August 26, 2025 | Initial creation of document |
| | | |

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# 1. Description of Equipment under Test (EUT)

| General Information | |
|---|---|
| Product Name: | LORA module |
| Brand Name: | Fanstel |
| Model Name: | LR62X1E |
| Series Model: | LR62X1P; LR62X1C |
| Model Difference: | Antenna differences |
| Power Supply: | 5V USB |
| Information | |
| Modular: | LR62X1E |
| Frequency Range: | 902.5~927(MHz) |
| Max Output Power: | 29.983dBm |
| Channel number: | 50 |
| Modulation type: | Lora |
| Product HW Version: | LR62X1P-V2 |
| Product SW Version: | LR62X1P-V2 |
| Product FW Version: | LoraHopping250811 |
| Test SW Version: | Semtech 191017 |
| RF power setting: | SF = 9, BW = 125kHz, PL = 8, CR = 4/5 |

| | Antenna Type | Brand | Model | Peak Gain(dBi) | Frequency Range (MHz) | Connector Type |
|---|---|---|---|---|---|---|
| 1 | Directional | Fanstel | ANT088 | 5.82 | 902-928 | U.FHL |
| 2 | Dipole | Fanstel | ANT025 | 0.99 | 902-928 | U.FHL |
| 3 | Chip | Fanstel | WAN031003F0391SM03 | 1.32 | 915 | N/A |
| 4 | Internal | Mitek | 515180030 | 3.49 | 902-928 | U.FHL |
| 5 | Dipole | AFC | ANT042 | 4.2 | 915 | U.FHL |

## Module Summaries

| module | LR62X1E | LR62X1P | LR62X1C |
|---|---|---|---|
| Antenna conn. | u.FL | Pads | Integrated |
| Size,mm | 10.0(14.0)x22.3 | 10.0(14.0)x22.3 | 10.0(14.0)x29.0 |
| TX,conducted | +29.93 dBm | +29.93 dBm | +29.93 dBm |
| Antenna | ANT088 | ANT088 | Chip |
| MaxTX, radiated | +35.75 dBm | +35.75 dBm | +31.25 dBm |
| Certifications | FCC, ISED | FCC, ISED | FCC, ISED |
| Availability | Production | Production | Production |

LORA List

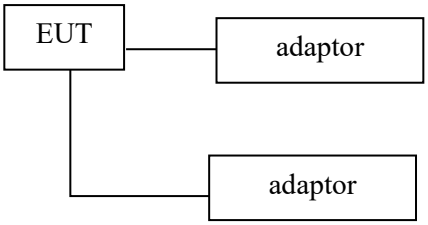
| channel list | frequency | channel list | frequency |
|---|---|---|---|
| 1 | 902.5 | 26 | 915 |
| 2 | 903 | 27 | 915.5 |
| 3 | 903.5 | 28 | 916 |
| 4 | 904 | 29 | 916.5 |
| 5 | 904.5 | 30 | 917 |
| 6 | 905 | 31 | 917.5 |
| 7 | 905.5 | 32 | 918 |
| 8 | 906 | 33 | 918.5 |
| 9 | 906.5 | 34 | 919 |
| 10 | 907 | 35 | 919.5 |
| 11 | 907.5 | 36 | 920 |
| 12 | 908 | 37 | 920.5 |
| 13 | 908.5 | 38 | 921 |
| 14 | 909 | 39 | 921.5 |
| 15 | 909.5 | 40 | 922 |
| 16 | 910 | 41 | 922.5 |
| 17 | 910.5 | 42 | 923 |
| 18 | 911 | 43 | 923.5 |
| 19 | 911.5 | 44 | 924 |
| 20 | 912 | 45 | 924.5 |
| 21 | 912.5 | 46 | 925 |
| 22 | 913 | 47 | 925.5 |
| 23 | 913.5 | 48 | 926 |
| 24 | 914 | 49 | 926.5 |
| 25 | 914.5 | 50 | 927 |

# 2. Description of Test Modes

Test program used to control the EUT for staying in continuous transmitting and receiving mode is programmed.
Channel low (902.5MHz), mid (915MHz), (927MHz) with each modulation were chosen for full testing.
All mode has been pre-scanned, and only the cast of the worst is presented in the report.

## 2.1 Configuration of Tested System

**Configuration of Tested System (Fixed channel)**




**Equipment Used in Tested System**

| Item | Equipment | Brand | Model | S/N | Data Cable | Power Cord |
|---|---|---|---|---|---|---|
| 1 | Adaptor | SG-0502000AU | Guangdong Sangu | NA | NA | Non-shielded |
| 2 | Adaptor | SG-0502000AU | Guangdong Sangu | NA | NA | Non-shielded |

## 3. Standards, reference documents and applicable test methods

The EUT According to the Specifications, it must comply with the requirements of the following standards:

1. FCC Title 47 CFR part 15 - Subpart C – §15.247 Operation within the bands 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz.
2. FCC Title 47 CFR part 15 - Subpart C – §15.207 Conducted limits.
3. FCC Title 47 CFR part 15 - Subpart C – §15.209 Radiated emission limits; general requirements.
4. FCC OET KDB 558074 D01 v05r02 - Guidance for compliance measurements on digital transmission system, frequency hopping spread spectrum system, and hybrid system devices operating under section 15.247 of the FCC rules
5. FCC OET KDB 662911 D01 v02r01 - Emissions Testing of Transmitters with Multiple Outputs in the Same Band
6. ANSI C63.10-2013 - American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices

## 4. Summary of Test Results

| FCC Rules | Description Of Test | Result |
|---|---|---|
| §15.207 | AC Power Line Conducted Emission | Compliant |
| §15.247(b)(2) | Peak Output Power/ EIRP | Compliant |
| §15.247(a)(1) | 20dB Bandwidth | Compliant |
| §15.247(d) | 100 kHz Bandwidth of Frequency Band Edges | Compliant |
| §15.247(d) | Spurious Emission | Compliant |
| §15.247(a)(1) | Frequency Separation | Compliant |
| §15.247(a)(1)(i) | Number of Hopping Frequency | Compliant |
| §15.247(a)(1)(i) | Time of Occupancy | Compliant |

## Test Plan

| Test Configuration | | Config 1 | Config 2 | Config 3 | Config 4 | Config 5 |
|---|---|---|---|---|---|---|
| | | ANT088 | ANT025 | WAN031003F0391SM03 | 515180030 | ANT042 |
| **Operation mode** | | Master Mode | Master Mode | Master Mode | Master Mode | Master Mode |
| **No.** | **Description** | | | | | |
| 1 | Radiation | Measured | Measured | Measured | Measured | Measured |
| 2 | 20dB Bandwidth | Measured | N/A | N/A | N/A | N/A |
| 3 | Channel Separation | Measured | N/A | N/A | N/A | N/A |
| 4 | Conducted power | Measured | N/A | N/A | N/A | N/A |
| 5 | Duty Factor | Measured | N/A | N/A | N/A | N/A |
| 6 | Dwell time | Measured | N/A | N/A | N/A | N/A |
| 7 | Hopping Channel | Measured | N/A | N/A | N/A | N/A |

# 5. AC Line Conduced Emission Test

## 5.1 Standard Applicable

According to §15.207, frequency range within 150kHz to 30MHz shall not exceed the Limit table as below.

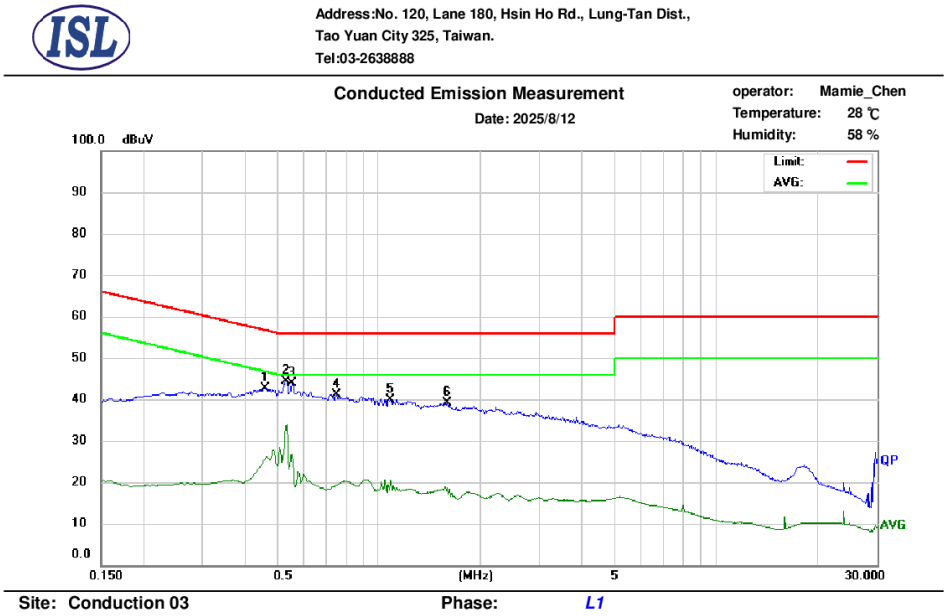
| Frequency range MHz | Limits dB(μV) | |
|---|---|---|
| | Quasi-peak | Average |
| 0.15 to 0.50 | 66 to 56 | 56 to 46 |
| 0.50 to 5 | 56 | 46 |
| 5 to 30 | 60 | 50 |
| Note<br>1.The lower limit shall apply at the transition frequencies<br>2.The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz. | | |

## 5.2 Measurement Procedure

1. The EUT was placed on a table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. Repeat above procedures until all frequency measured were complete.
4. Both 120V & 240V have been verified, and 120V/60Hz was defined as the worst-case and record in the report.

## 5.3 Measurement Result

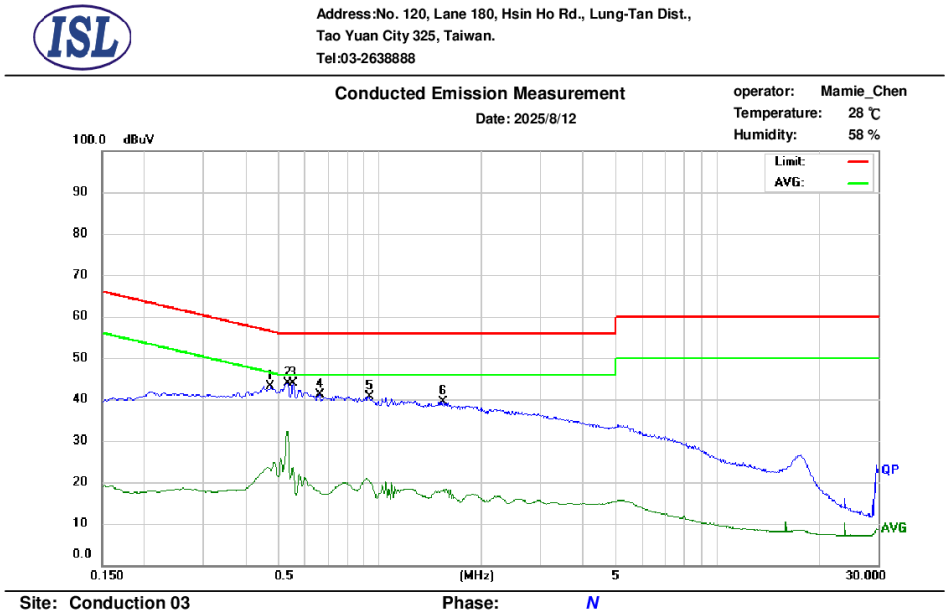
- Line




| No. | Frequency (MHz) | QP_R (dBuV) | AVG_R (dBuV) | Correct Factor (dB) | QP Emission (dBuV) | QP Limit (dBuV) | QP Margin (dB) | AVG Emission (dBuV) | AVG Limit (dBuV) | AVG Margin (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.461 | 33.05 | 15.94 | 9.67 | 42.72 | 56.68 | -13.96 | 25.61 | 46.68 | -21.07 |
| 2* | 0.530 | 34.69 | 23.85 | 9.68 | 44.37 | 56.00 | -11.63 | 33.53 | 46.00 | -12.47 |
| 3 | 0.557 | 33.88 | 15.04 | 9.68 | 43.56 | 56.00 | -12.44 | 24.72 | 46.00 | -21.28 |
| 4 | 0.751 | 31.36 | 9.74 | 9.68 | 41.04 | 56.00 | -14.96 | 19.42 | 46.00 | -26.58 |
| 5 | 1.086 | 30.31 | 10.91 | 9.69 | 40.00 | 56.00 | -16.00 | 20.60 | 46.00 | -25.40 |
| 6 | 1.597 | 29.35 | 8.84 | 9.71 | 39.06 | 56.00 | -16.94 | 18.55 | 46.00 | -27.45 |

Note:
Margin = QP/AVG Emission - Limit
QP/AVG Emission = QP_R/AVG_R + Correct Factor
Correct Factor = LISN Loss + Cable Loss
The frequency spectrum graph is for final peak graph, and the attached table is for QP/AVG test result.
If peak data can pass, it will be shown in “QP/AVG Correct” column, if not, QP/AVG data will instead.

- Neutral




| No. | Frequency (MHz) | QP_R (dBuV) | AVG_R (dBuV) | Correct Factor (dB) | QP Emission (dBuV) | QP Limit (dBuV) | QP Margin (dB) | AVG Emission (dBuV) | AVG Limit (dBuV) | AVG Margin (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.474 | 33.42 | 13.14 | 9.66 | 43.08 | 56.44 | -13.36 | 22.80 | 46.44 | -23.64 |
| 2* | 0.532 | 34.22 | 22.78 | 9.67 | 43.89 | 56.00 | -12.11 | 32.45 | 46.00 | -13.55 |
| 3 | 0.553 | 34.19 | 13.89 | 9.67 | 43.86 | 56.00 | -12.14 | 23.56 | 46.00 | -22.44 |
| 4 | 0.663 | 31.40 | 7.99 | 9.67 | 41.07 | 56.00 | -14.93 | 17.66 | 46.00 | -28.34 |
| 5 | 0.935 | 30.65 | 10.50 | 9.69 | 40.34 | 56.00 | -15.66 | 20.19 | 46.00 | -25.81 |
| 6 | 1.543 | 29.61 | 8.19 | 9.71 | 39.32 | 56.00 | -16.68 | 17.90 | 46.00 | -28.10 |

Note:
Margin = QP/AVG Emission - Limit
QP/AVG Emission = QP_R/AVG_R + Correct Factor
Correct Factor = LISN Loss + Cable Loss
The frequency spectrum graph is for final peak graph, and the attached table is for QP/AVG test result.
If peak data can pass, it will be shown in “QP/AVG Correct” column, if not, QP/AVG data will instead.

# 6. Peak Output Power Measurement

## 6.1 Standard Applicable

According to §15.247(b)(2), or frequency hopping systems operating in the 902-928 MHz band: 1 watt for systems employing at least 50 hopping channels; and, 0.25 watts for systems employing less than 50 hopping channels, but at least 25 hopping channels.

## 6.2 Measurement Procedure

1. Place the EUT on the table and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the SA.
3. Record the max. reading.
4. Repeat above procedures until all frequency measured were complete.

## 6.3 Measurement Result

Lora Mode

| Frequency (MHz) | Peak Reading Power (dBm) | Limit (dBm) |
|---|---|---|
| Low | 29.983 | 30 |
| Mid | 29.933 | 30 |
| High | 29.7 | 30 |

# 7. Radiated Spurious Emission Test

## 7.1 Standard Applicable

According to §15.247(d), all other emissions outside these bands shall not exceed the general radiated emission limits specified in §15.209(a). And according to §15.33(a)(1), for an intentional radiator operates below 10GHz, the frequency range of measurements: to the tenth harmonic of the highest fundamental frequency or to 40GHz, whichever is lower.

## 7.2 Measurement Procedure

1. According KDB 414788 section 2, Either OATS or chamber for radiated emission below 30MHz, the test was done at 966 chamber, the test site was evaluated with OATS and the Chamber has test signals level greater than OATS's.
2. The EUT was placed on a turn table which is 0.8m/1.5m above ground plane in 966 chamber.
3. The turn table shall rotate 360 degrees to determine the position of maximum emission level.
4. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emissions.
5. When measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made "while keeping the antenna in the 'cone of radiation' from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response." is still within the 3dB illumination BW of the measurement antenna.
6. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
7. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
8. Repeat above procedures until all frequency measured were complete

| | | |
|---|---|---|
| Test receiver setting | : | Blew 1GHz |
| Detector | : | Average (9kHz – 90kHz, 110kHz – 90kHz), Quasi-Peak |
| Bandwidth | : | 200Hz, 120kHz |
| Test spectrum setting | : | Above 1GHz |
| Peak | : | RBW=1MHz, VBW≥3*RBW, Sweep=auto |
| Average | : | RBW=1MHz, VBW≥ $1/T_{on}$, Sweep=auto |

## 7.3 Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

**FS = RA + AF + CL - AG**

| | | |
|---|---|---|
| Where | FS = Field Strength | CL = Cable Attenuation Factor (Cable Loss) |
| | RA = Reading Amplitude | AG = Amplifier Gain |
| | AF = Antenna Factor | |

Remark:
<1GHz
1. No further spurious emissions detected from the lowest internal frequency and 30MHz.
2. Measuring frequencies from the lowest internal frequency to the 1GHz.
3. Radiated emissions measured in frequency range from 9kHz to 1000MHz were made with an instrument detector setting 9-90kHz/110-490kHz using PK/AV and other Frequency Band using PK/QP
4. Measurement result within this frequency range shown " - " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

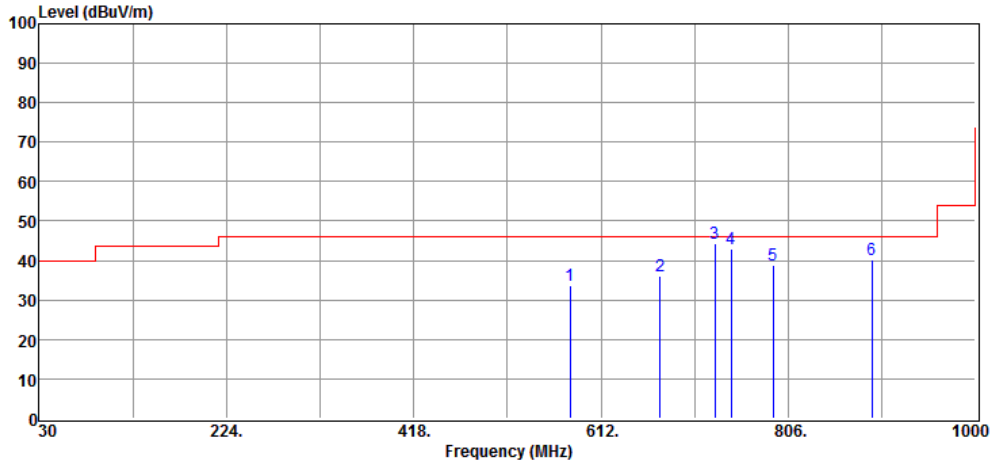
>1GHz
5 Measuring frequencies from the lowest internal frequency to the 10th of fundamental frequency
6 Field strength limits for frequency above 1000MHz are based on average limits. However, Peak mode field strength shall not exceed the average limits specified plus 20dB.
7 Measurement of data within this frequency range shown " - " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

## 7.4 Measurement Result

### 7.4.1 Radiated Spurious Emission Measurement Result (below 1GHz)

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan
Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Low ch 088 Tested by : Barry Lee




| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 579.99 | 37.76 | -3.94 | 33.82 | 46.00 | -12.18 | Peak | VERTICAL |
| 2 | 673.11 | 38.59 | -2.36 | 36.23 | 46.00 | -9.77 | Peak | VERTICAL |
| 3 | 730.34 | 45.62 | -1.21 | 44.41 | 46.00 | -1.59 | Peak | VERTICAL |
| 4 | 746.83 | 43.57 | -0.73 | 42.84 | 46.00 | -3.16 | Peak | VERTICAL |
| 5 | 790.48 | 39.22 | -0.28 | 38.94 | 46.00 | -7.06 | Peak | VERTICAL |
| 6 | 892.33 | 39.38 | 0.66 | 40.04 | 46.00 | -5.96 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
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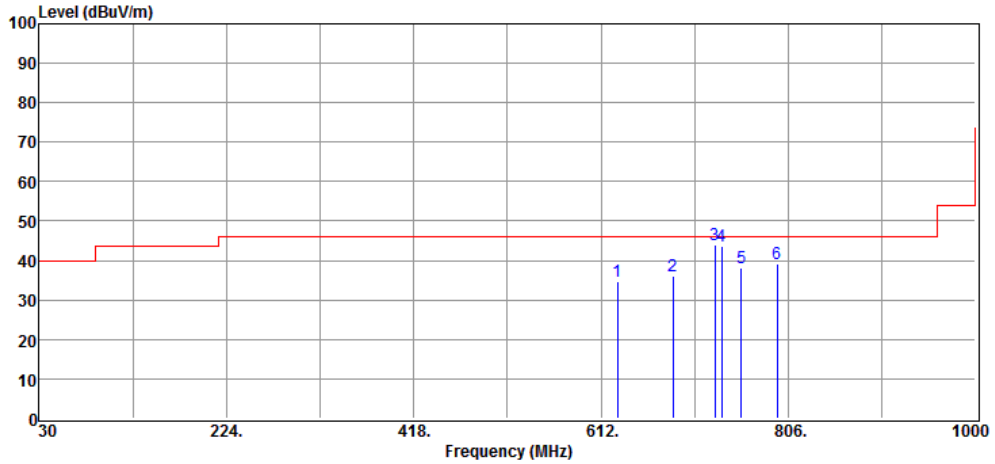
Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Low ch 088 Tested by : Barry Lee

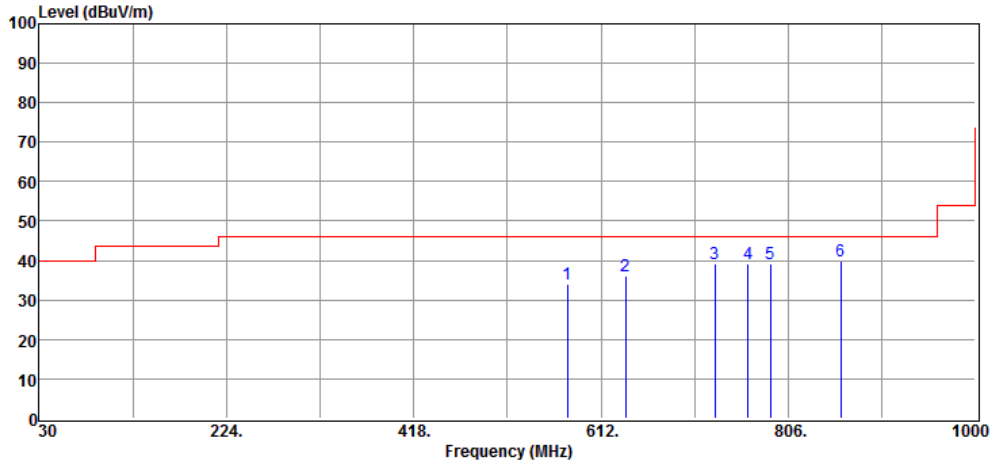



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 629.46 | 37.60 | -2.79 | 34.81 | 46.00 | -11.19 | Peak | HORIZONTAL |
| 2 | 686.69 | 38.11 | -2.02 | 36.09 | 46.00 | -9.91 | Peak | HORIZONTAL |
| 3 | 730.34 | 45.10 | -1.21 | 43.89 | 46.00 | -2.11 | Peak | HORIZONTAL |
| 4 | 737.13 | 44.67 | -1.10 | 43.57 | 46.00 | -2.43 | Peak | HORIZONTAL |
| 5 | 757.50 | 38.59 | -0.40 | 38.19 | 46.00 | -7.81 | Peak | HORIZONTAL |
| 6 | 794.36 | 39.39 | -0.27 | 39.12 | 46.00 | -6.88 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Mid ch 088 Tested by : Barry Lee




| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 577.08 | 37.98 | -4.06 | 33.92 | 46.00 | -12.08 | Peak | VERTICAL |
| 2 | 637.22 | 38.74 | -2.63 | 36.11 | 46.00 | -9.89 | Peak | VERTICAL |
| 3 | 730.34 | 40.22 | -1.21 | 39.01 | 46.00 | -6.99 | Peak | VERTICAL |
| 4 | 764.29 | 39.32 | -0.25 | 39.07 | 46.00 | -6.93 | Peak | VERTICAL |
| 5 | 787.57 | 39.50 | -0.29 | 39.21 | 46.00 | -6.79 | Peak | VERTICAL |
| 6 | 860.32 | 39.35 | 0.45 | 39.80 | 46.00 | -6.20 | Peak | VERTICAL |

International Standard Laboratory Corp.
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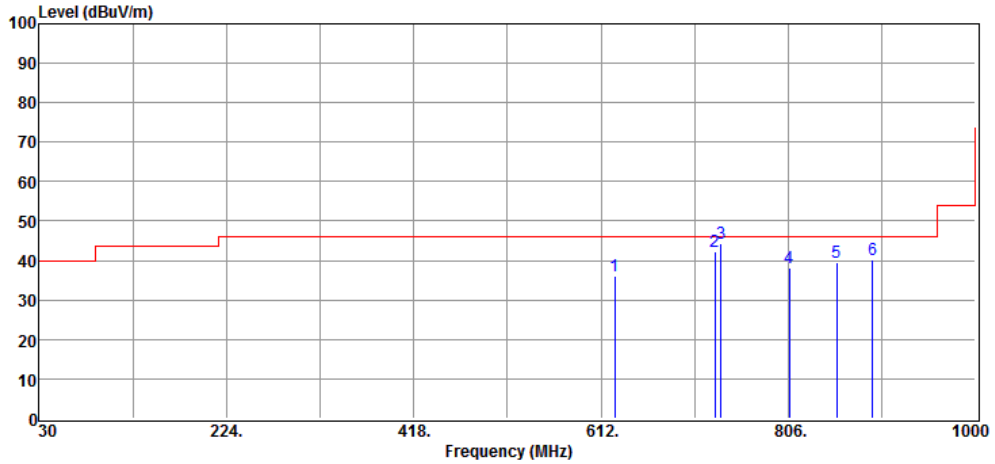
Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Mid ch 088 Tested by : Barry Lee

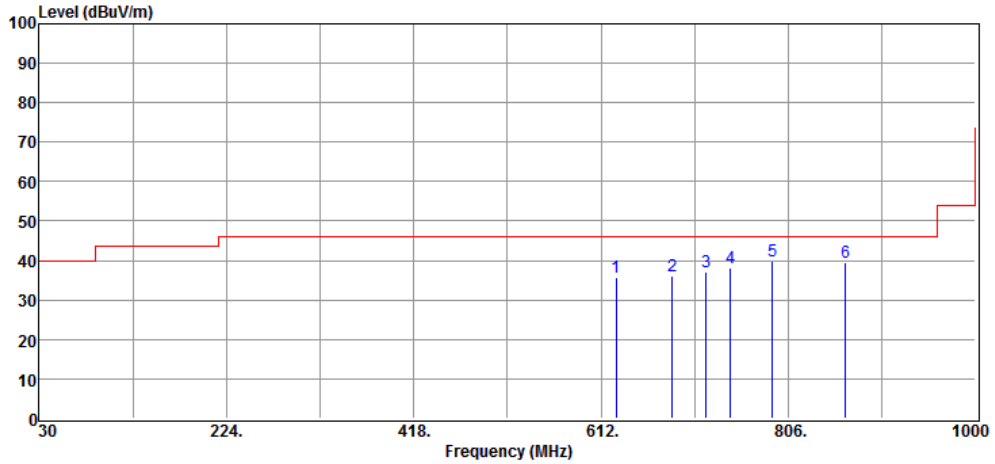



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 626.55 | 38.90 | -2.79 | 36.11 | 46.00 | -9.89 | Peak | HORIZONTAL |
| 2 | 730.34 | 43.41 | -1.21 | 42.20 | 46.00 | -3.80 | Peak | HORIZONTAL |
| 3 | 736.16 | 45.38 | -1.14 | 44.24 | 46.00 | -1.76 | Peak | HORIZONTAL |
| 4 | 806.97 | 38.32 | -0.14 | 38.18 | 46.00 | -7.82 | Peak | HORIZONTAL |
| 5 | 856.44 | 39.17 | 0.52 | 39.69 | 46.00 | -6.31 | Peak | HORIZONTAL |
| 6 | 893.30 | 39.57 | 0.69 | 40.26 | 46.00 | -5.74 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx High ch 088 Tested by : Barry Lee




| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 627.52 | 38.55 | -2.79 | 35.76 | 46.00 | -10.24 | Peak | VERTICAL |
| 2 | 685.72 | 37.95 | -2.02 | 35.93 | 46.00 | -10.07 | Peak | VERTICAL |
| 3 | 720.64 | 38.62 | -1.59 | 37.03 | 46.00 | -8.97 | Peak | VERTICAL |
| 4 | 745.86 | 38.91 | -0.75 | 38.16 | 46.00 | -7.84 | Peak | VERTICAL |
| 5 | 789.51 | 40.17 | -0.28 | 39.89 | 46.00 | -6.11 | Peak | VERTICAL |
| 6 | 865.17 | 39.06 | 0.37 | 39.43 | 46.00 | -6.57 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
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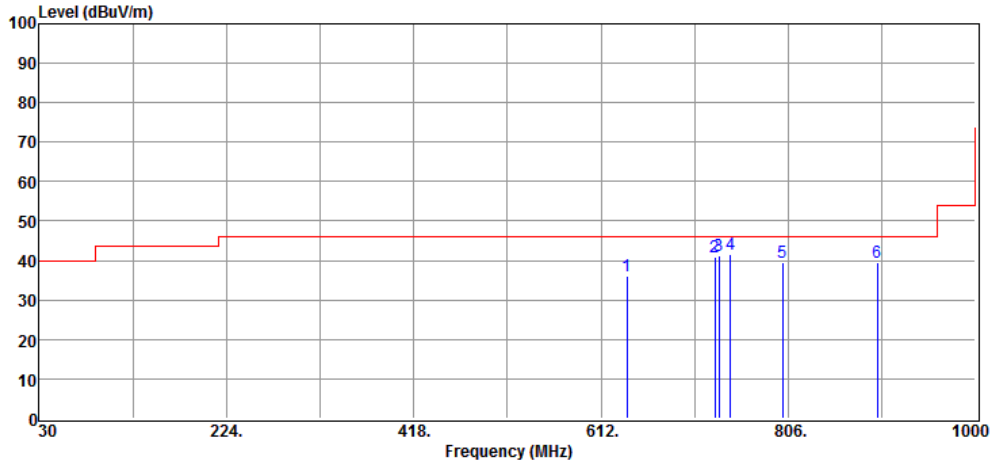
Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx High ch 088 Tested by : Barry Lee

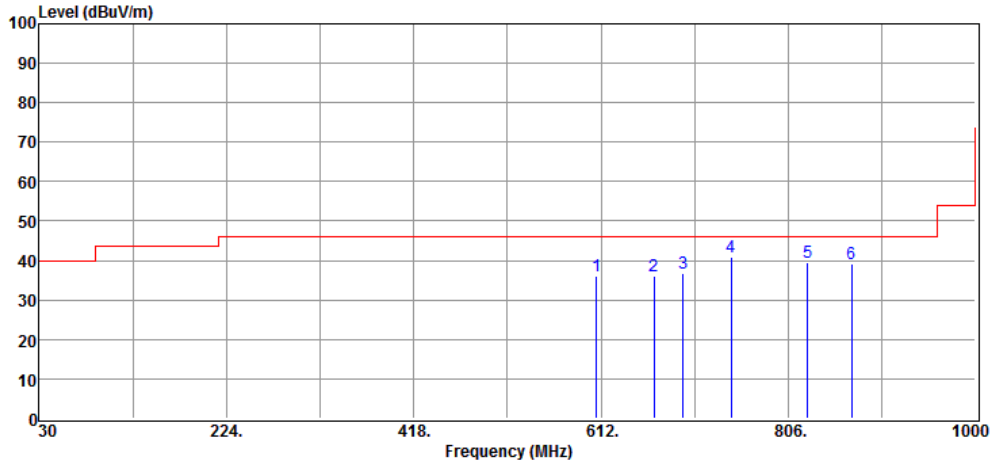



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 639.16 | 38.60 | -2.58 | 36.02 | 46.00 | -9.98 | Peak | HORIZONTAL |
| 2 | 730.34 | 42.05 | -1.21 | 40.84 | 46.00 | -5.16 | Peak | HORIZONTAL |
| 3 | 734.22 | 42.41 | -1.20 | 41.21 | 46.00 | -4.79 | Peak | HORIZONTAL |
| 4 | 745.86 | 42.22 | -0.75 | 41.47 | 46.00 | -4.53 | Peak | HORIZONTAL |
| 5 | 800.18 | 39.69 | -0.26 | 39.43 | 46.00 | -6.57 | Peak | HORIZONTAL |
| 6 | 898.15 | 38.90 | 0.79 | 39.69 | 46.00 | -6.31 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Low ch 025 Tested by : Barry Lee

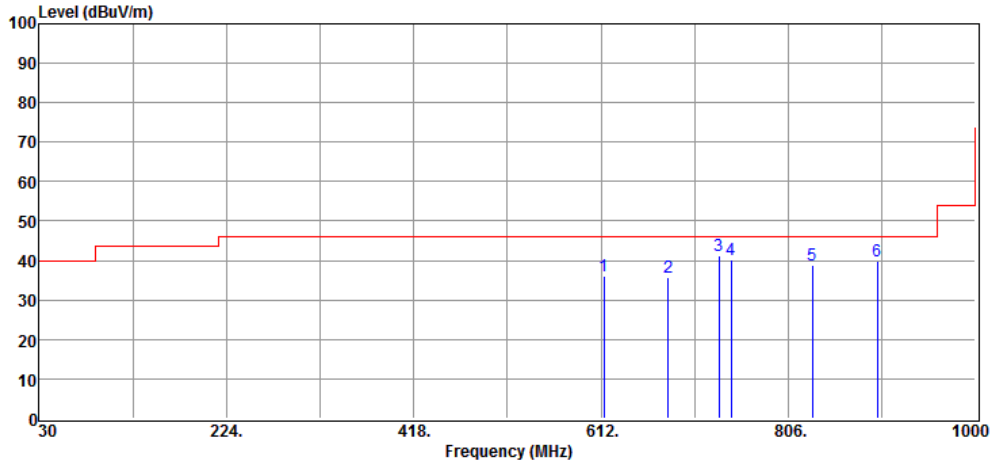



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 607.15 | 39.33 | -3.22 | 36.11 | 46.00 | -9.89 | Peak | VERTICAL |
| 2 | 667.29 | 38.43 | -2.32 | 36.11 | 46.00 | -9.89 | Peak | VERTICAL |
| 3 | 697.36 | 38.46 | -1.84 | 36.62 | 46.00 | -9.38 | Peak | VERTICAL |
| 4 | 746.83 | 41.60 | -0.73 | 40.87 | 46.00 | -5.13 | Peak | VERTICAL |
| 5 | 826.37 | 39.62 | -0.01 | 39.61 | 46.00 | -6.39 | Peak | VERTICAL |
| 6 | 871.96 | 38.97 | 0.32 | 39.29 | 46.00 | -6.71 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Low ch 025 Tested by : Barry Lee

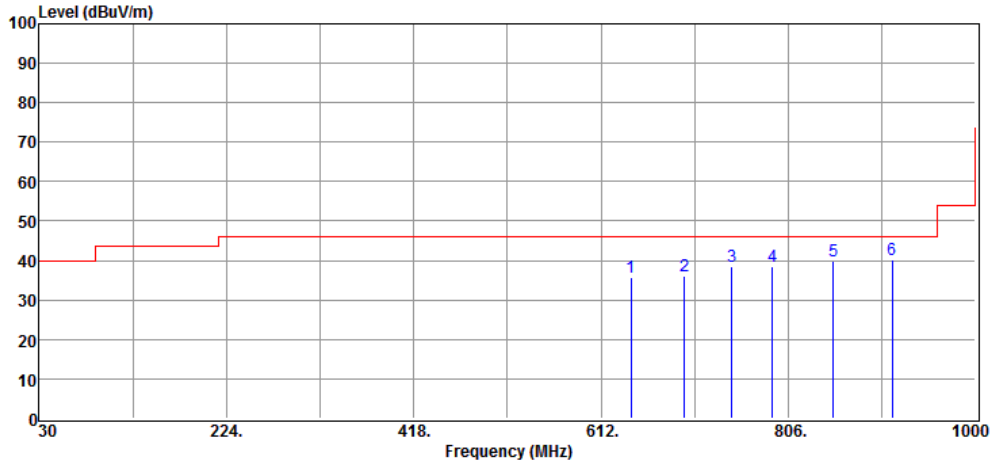



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 614.91 | 39.09 | -2.93 | 36.16 | 46.00 | -9.84 | Peak | HORIZONTAL |
| 2 | 681.84 | 38.00 | -2.09 | 35.91 | 46.00 | -10.09 | Peak | HORIZONTAL |
| 3 | 734.22 | 42.30 | -1.20 | 41.10 | 46.00 | -4.90 | Peak | HORIZONTAL |
| 4 | 746.83 | 41.00 | -0.73 | 40.27 | 46.00 | -5.73 | Peak | HORIZONTAL |
| 5 | 831.22 | 38.93 | 0.02 | 38.95 | 46.00 | -7.05 | Peak | HORIZONTAL |
| 6 | 898.15 | 39.24 | 0.79 | 40.03 | 46.00 | -5.97 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Mid ch 025 Tested by : Barry Lee

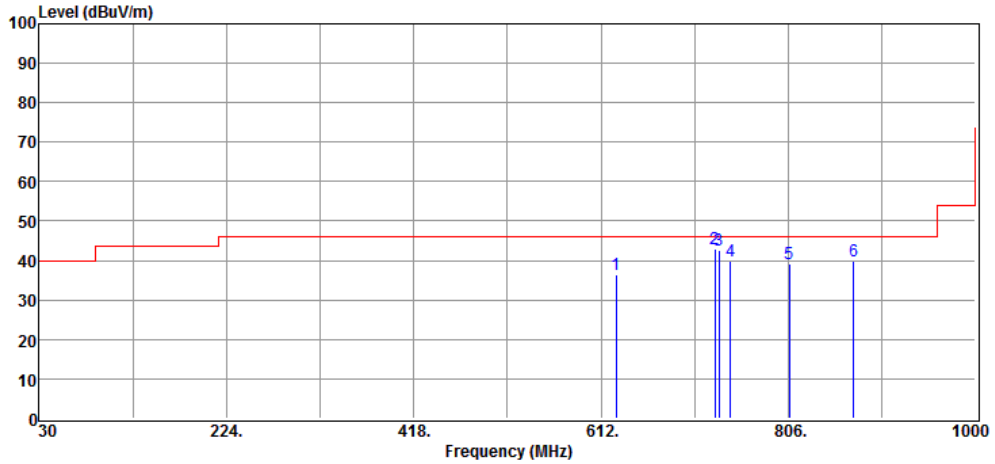



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 643.04 | 38.21 | -2.48 | 35.73 | 46.00 | -10.27 | Peak | VERTICAL |
| 2 | 698.33 | 38.02 | -1.81 | 36.21 | 46.00 | -9.79 | Peak | VERTICAL |
| 3 | 747.80 | 39.08 | -0.71 | 38.37 | 46.00 | -7.63 | Peak | VERTICAL |
| 4 | 789.51 | 38.90 | -0.28 | 38.62 | 46.00 | -7.38 | Peak | VERTICAL |
| 5 | 852.56 | 39.51 | 0.49 | 40.00 | 46.00 | -6.00 | Peak | VERTICAL |
| 6 | 913.67 | 39.00 | 1.11 | 40.11 | 46.00 | -5.89 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Mid ch 025 Tested by : Barry Lee

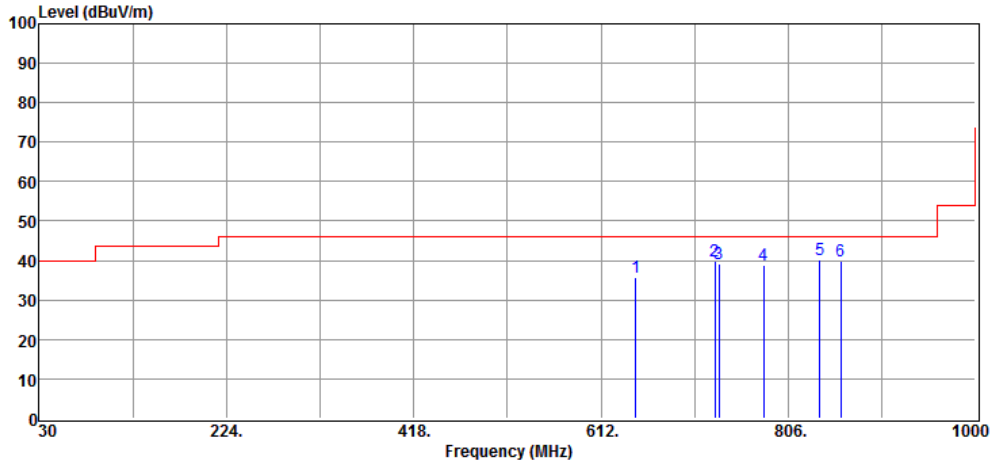



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 627.52 | 39.08 | -2.79 | 36.29 | 46.00 | -9.71 | Peak | HORIZONTAL |
| 2 | 730.34 | 44.08 | -1.21 | 42.87 | 46.00 | -3.13 | Peak | HORIZONTAL |
| 3 | 734.22 | 43.73 | -1.20 | 42.53 | 46.00 | -3.47 | Peak | HORIZONTAL |
| 4 | 745.86 | 40.77 | -0.75 | 40.02 | 46.00 | -5.98 | Peak | HORIZONTAL |
| 5 | 806.97 | 39.25 | -0.14 | 39.11 | 46.00 | -6.89 | Peak | HORIZONTAL |
| 6 | 873.90 | 39.50 | 0.37 | 39.87 | 46.00 | -6.13 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx High ch 025 Tested by : Barry Lee

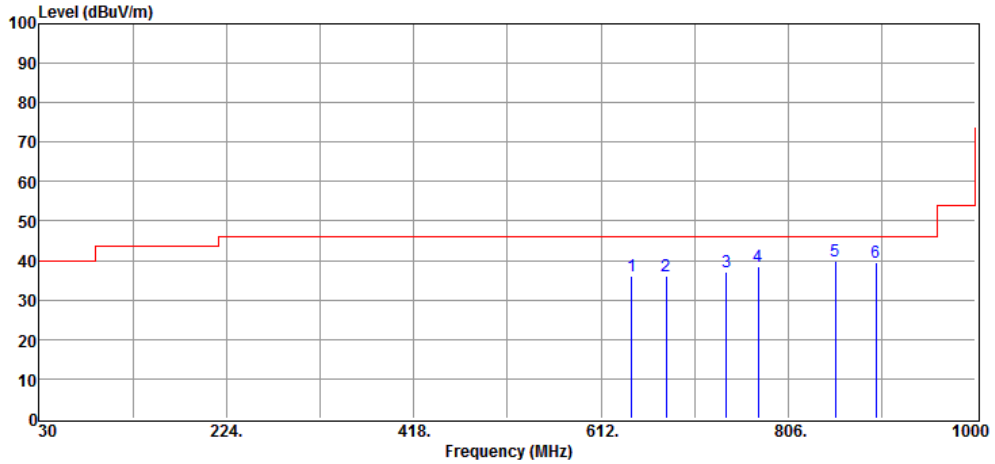



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 647.89 | 38.31 | -2.43 | 35.88 | 46.00 | -10.12 | Peak | VERTICAL |
| 2 | 730.34 | 41.24 | -1.21 | 40.03 | 46.00 | -5.97 | Peak | VERTICAL |
| 3 | 734.22 | 40.46 | -1.20 | 39.26 | 46.00 | -6.74 | Peak | VERTICAL |
| 4 | 780.78 | 38.99 | -0.30 | 38.69 | 46.00 | -7.31 | Peak | VERTICAL |
| 5 | 838.98 | 39.85 | 0.28 | 40.13 | 46.00 | -5.87 | Peak | VERTICAL |
| 6 | 860.32 | 39.52 | 0.45 | 39.97 | 46.00 | -6.03 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx High ch 025 Tested by : Barry Lee

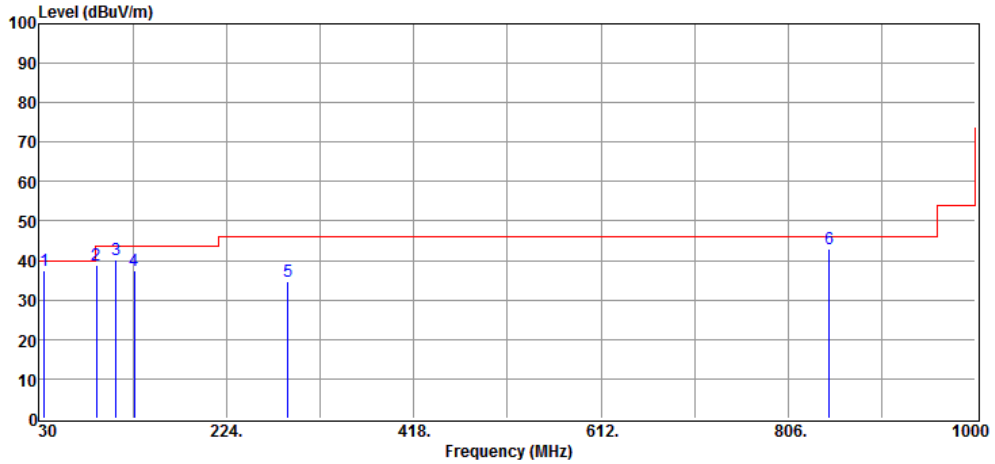



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 644.01 | 38.60 | -2.46 | 36.14 | 46.00 | -9.86 | Peak | HORIZONTAL |
| 2 | 679.90 | 38.39 | -2.14 | 36.25 | 46.00 | -9.75 | Peak | HORIZONTAL |
| 3 | 741.98 | 37.89 | -0.90 | 36.99 | 46.00 | -9.01 | Peak | HORIZONTAL |
| 4 | 774.96 | 38.64 | -0.31 | 38.33 | 46.00 | -7.67 | Peak | HORIZONTAL |
| 5 | 854.50 | 39.24 | 0.53 | 39.77 | 46.00 | -6.23 | Peak | HORIZONTAL |
| 6 | 897.18 | 38.84 | 0.76 | 39.60 | 46.00 | -6.40 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx low ch Chip Tested by : Barry Lee

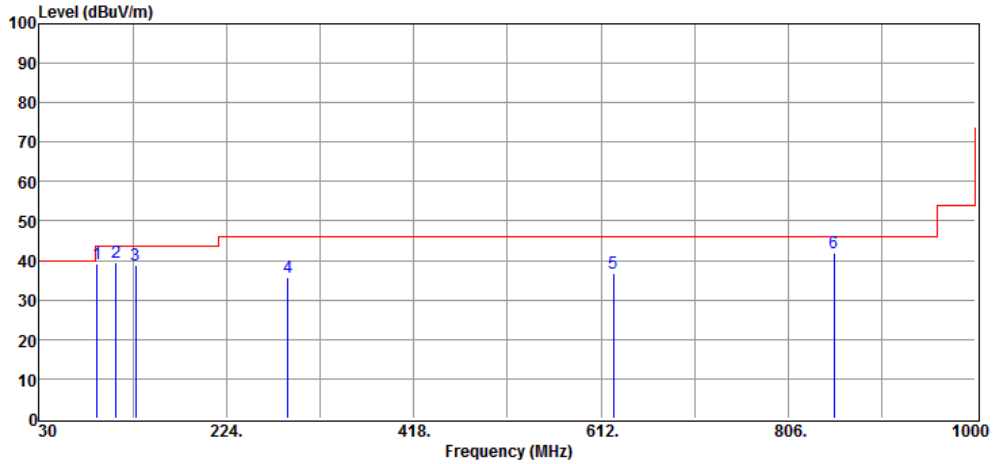



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 35.82 | 50.31 | -12.88 | 37.43 | 40.00 | -2.57 | Peak | VERTICAL |
| 2 | 89.17 | 56.63 | -17.71 | 38.92 | 43.50 | -4.58 | Peak | VERTICAL |
| 3 | 109.54 | 54.92 | -14.81 | 40.11 | 43.50 | -3.39 | Peak | VERTICAL |
| 4 | 128.94 | 50.73 | -13.28 | 37.45 | 43.50 | -6.05 | Peak | VERTICAL |
| 5 | 288.02 | 45.62 | -10.89 | 34.73 | 46.00 | -11.27 | Peak | VERTICAL |
| 6 | 848.68 | 42.42 | 0.40 | 42.82 | 46.00 | -3.18 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx low ch Chip Tested by : Barry Lee

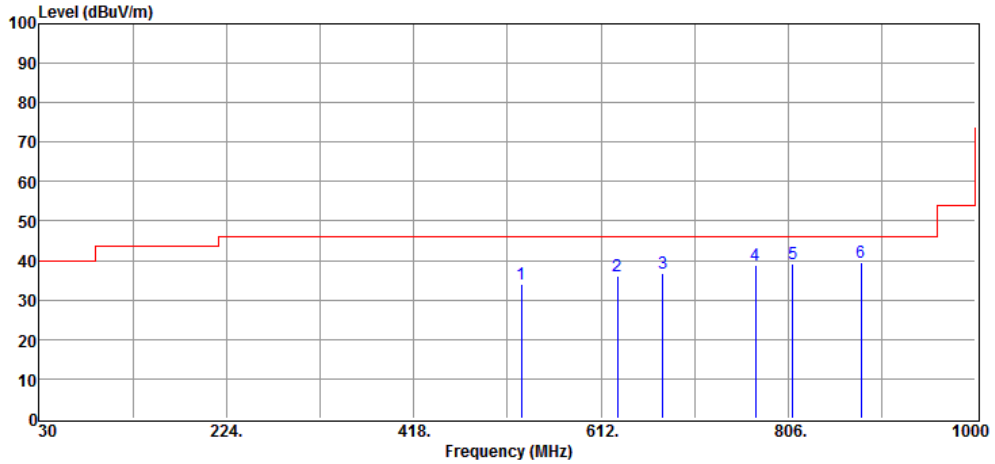



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 90.14 | 56.82 | -17.63 | 39.19 | 43.50 | -4.31 | Peak | HORIZONTAL |
| 2 | 109.54 | 54.44 | -14.81 | 39.63 | 43.50 | -3.87 | Peak | HORIZONTAL |
| 3 | 129.91 | 52.10 | -13.18 | 38.92 | 43.50 | -4.58 | Peak | HORIZONTAL |
| 4 | 288.02 | 46.72 | -10.89 | 35.83 | 46.00 | -10.17 | Peak | HORIZONTAL |
| 5 | 624.61 | 39.71 | -2.80 | 36.91 | 46.00 | -9.09 | Peak | HORIZONTAL |
| 6 | 853.53 | 41.51 | 0.51 | 42.02 | 46.00 | -3.98 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Mid ch Chip Tested by : Barry Lee

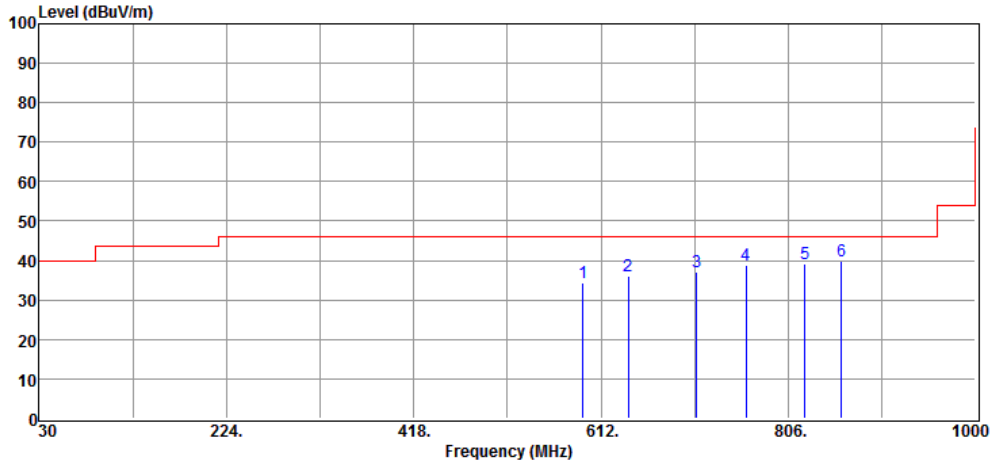



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 529.55 | 38.99 | -5.08 | 33.91 | 46.00 | -12.09 | Peak | VERTICAL |
| 2 | 629.46 | 38.83 | -2.79 | 36.04 | 46.00 | -9.96 | Peak | VERTICAL |
| 3 | 676.02 | 38.95 | -2.30 | 36.65 | 46.00 | -9.35 | Peak | VERTICAL |
| 4 | 772.05 | 39.04 | -0.32 | 38.72 | 46.00 | -7.28 | Peak | VERTICAL |
| 5 | 810.85 | 39.47 | -0.13 | 39.34 | 46.00 | -6.66 | Peak | VERTICAL |
| 6 | 881.66 | 39.03 | 0.43 | 39.46 | 46.00 | -6.54 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Mid ch Chip Tested by : Barry Lee

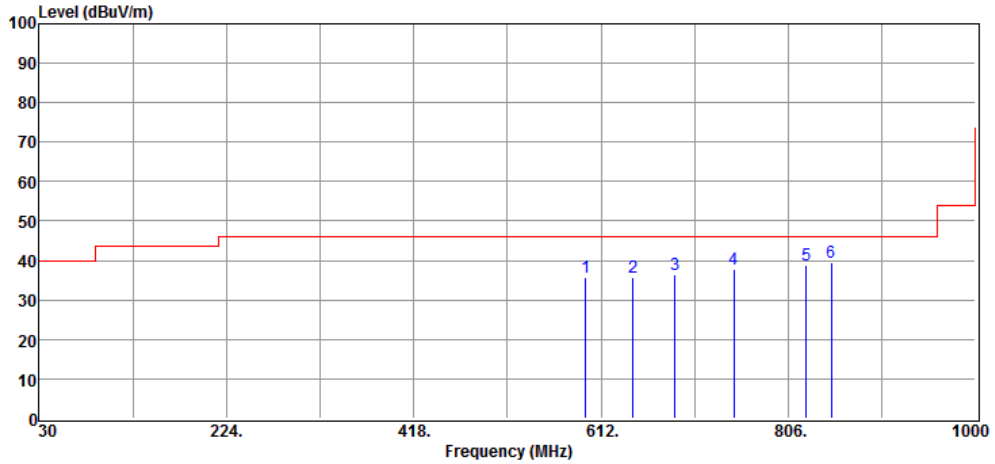



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 593.57 | 37.83 | -3.62 | 34.21 | 46.00 | -11.79 | Peak | HORIZONTAL |
| 2 | 640.13 | 38.54 | -2.55 | 35.99 | 46.00 | -10.01 | Peak | HORIZONTAL |
| 3 | 710.94 | 38.64 | -1.65 | 36.99 | 46.00 | -9.01 | Peak | HORIZONTAL |
| 4 | 762.35 | 39.14 | -0.29 | 38.85 | 46.00 | -7.15 | Peak | HORIZONTAL |
| 5 | 823.46 | 39.04 | 0.01 | 39.05 | 46.00 | -6.95 | Peak | HORIZONTAL |
| 6 | 861.29 | 39.27 | 0.43 | 39.70 | 46.00 | -6.30 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx High ch Chip Tested by : Barry Lee

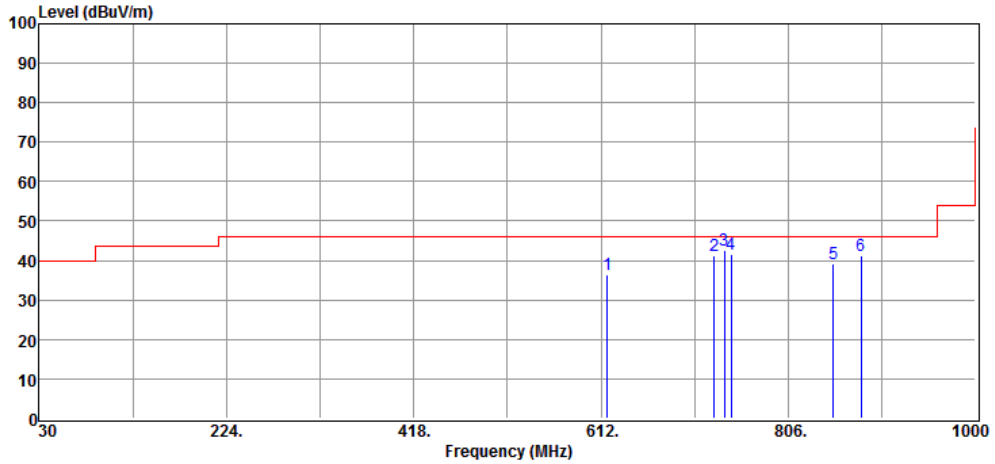



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 596.48 | 39.20 | -3.53 | 35.67 | 46.00 | -10.33 | Peak | VERTICAL |
| 2 | 644.98 | 38.12 | -2.44 | 35.68 | 46.00 | -10.32 | Peak | VERTICAL |
| 3 | 688.63 | 38.35 | -2.02 | 36.33 | 46.00 | -9.67 | Peak | VERTICAL |
| 4 | 749.74 | 38.34 | -0.68 | 37.66 | 46.00 | -8.34 | Peak | VERTICAL |
| 5 | 824.43 | 38.69 | 0.00 | 38.69 | 46.00 | -7.31 | Peak | VERTICAL |
| 6 | 850.62 | 39.04 | 0.44 | 39.48 | 46.00 | -6.52 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx High ch Chip Tested by : Barry Lee

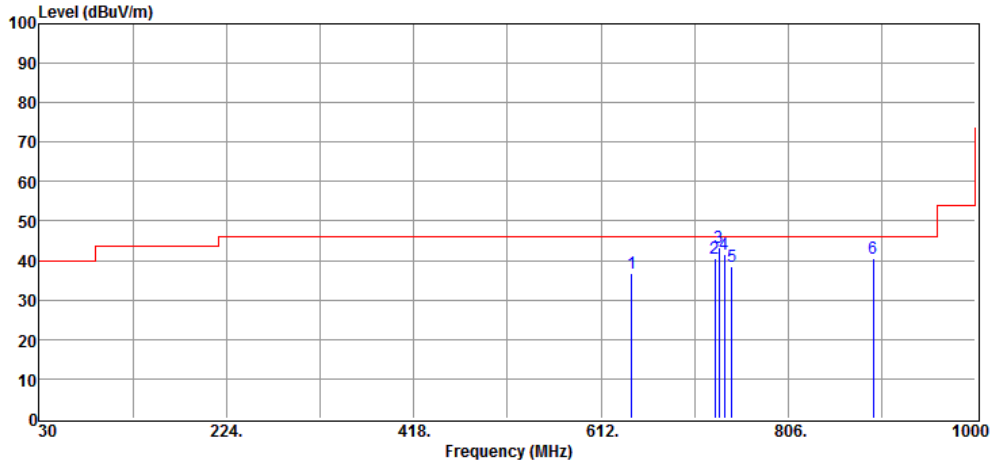



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 618.79 | 39.44 | -2.84 | 36.60 | 46.00 | -9.40 | Peak | HORIZONTAL |
| 2 | 729.37 | 42.59 | -1.22 | 41.37 | 46.00 | -4.63 | Peak | HORIZONTAL |
| 3 | 740.04 | 43.66 | -0.98 | 42.68 | 46.00 | -3.32 | Peak | HORIZONTAL |
| 4 | 746.83 | 42.41 | -0.73 | 41.68 | 46.00 | -4.32 | Peak | HORIZONTAL |
| 5 | 852.56 | 38.83 | 0.49 | 39.32 | 46.00 | -6.68 | Peak | HORIZONTAL |
| 6 | 881.66 | 40.65 | 0.43 | 41.08 | 46.00 | -4.92 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Low ch 030 Tested by : Barry Lee

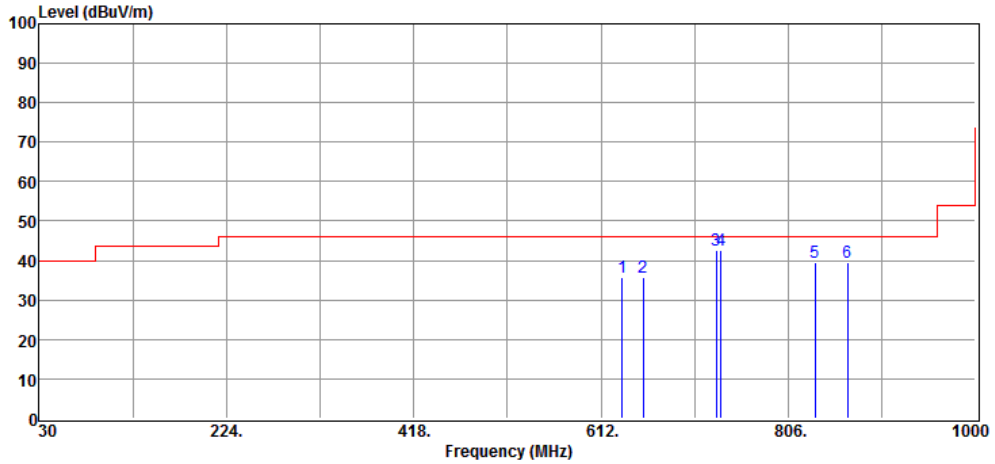



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 644.01 | 39.20 | -2.46 | 36.74 | 46.00 | -9.26 | Peak | VERTICAL |
| 2 | 730.34 | 41.71 | -1.21 | 40.50 | 46.00 | -5.50 | Peak | VERTICAL |
| 3 | 734.22 | 44.52 | -1.20 | 43.32 | 46.00 | -2.68 | Peak | VERTICAL |
| 4 | 740.04 | 42.50 | -0.98 | 41.52 | 46.00 | -4.48 | Peak | VERTICAL |
| 5 | 747.80 | 39.23 | -0.71 | 38.52 | 46.00 | -7.48 | Peak | VERTICAL |
| 6 | 894.27 | 39.79 | 0.71 | 40.50 | 46.00 | -5.50 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Low ch 030 Tested by : Barry Lee

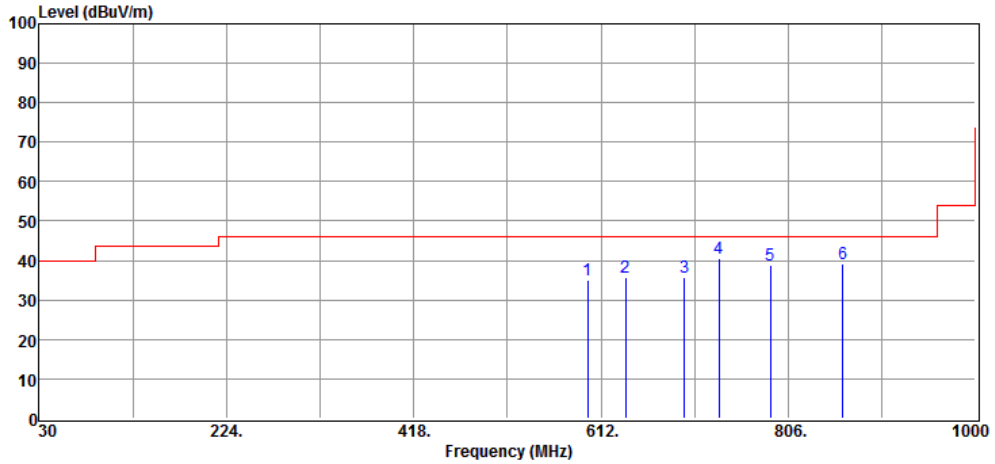



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 634.31 | 38.42 | -2.68 | 35.74 | 46.00 | -10.26 | Peak | HORIZONTAL |
| 2 | 655.65 | 38.09 | -2.34 | 35.75 | 46.00 | -10.25 | Peak | HORIZONTAL |
| 3 | 731.31 | 43.89 | -1.20 | 42.69 | 46.00 | -3.31 | Peak | HORIZONTAL |
| 4 | 736.16 | 43.67 | -1.14 | 42.53 | 46.00 | -3.47 | Peak | HORIZONTAL |
| 5 | 834.13 | 39.53 | 0.09 | 39.62 | 46.00 | -6.38 | Peak | HORIZONTAL |
| 6 | 867.11 | 39.11 | 0.33 | 39.44 | 46.00 | -6.56 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Mid ch 030 Tested by : Barry Lee




| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 598.42 | 38.35 | -3.44 | 34.91 | 46.00 | -11.09 | Peak | VERTICAL |
| 2 | 637.22 | 38.49 | -2.63 | 35.86 | 46.00 | -10.14 | Peak | VERTICAL |
| 3 | 698.33 | 37.60 | -1.81 | 35.79 | 46.00 | -10.21 | Peak | VERTICAL |
| 4 | 734.22 | 41.86 | -1.20 | 40.66 | 46.00 | -5.34 | Peak | VERTICAL |
| 5 | 787.57 | 39.16 | -0.29 | 38.87 | 46.00 | -7.13 | Peak | VERTICAL |
| 6 | 862.26 | 38.75 | 0.41 | 39.16 | 46.00 | -6.84 | Peak | VERTICAL |

International Standard Laboratory Corp.
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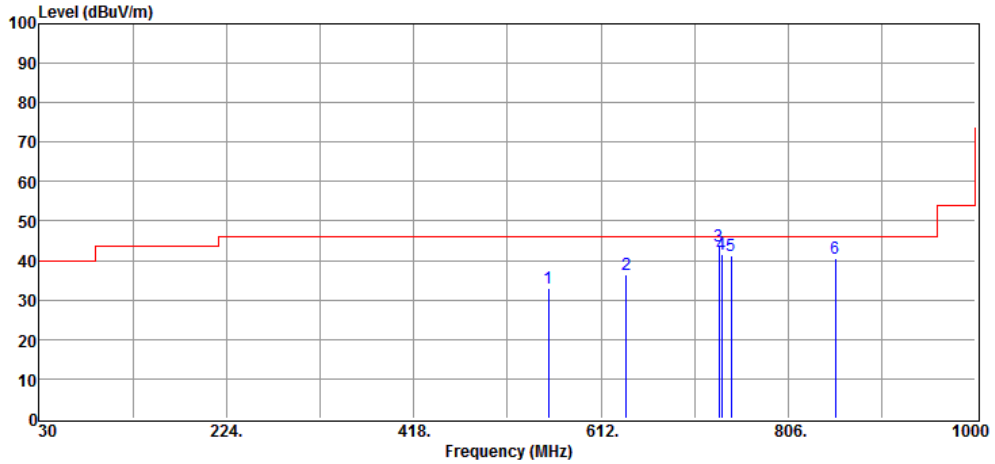
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Mid ch 030 Tested by : Barry Lee

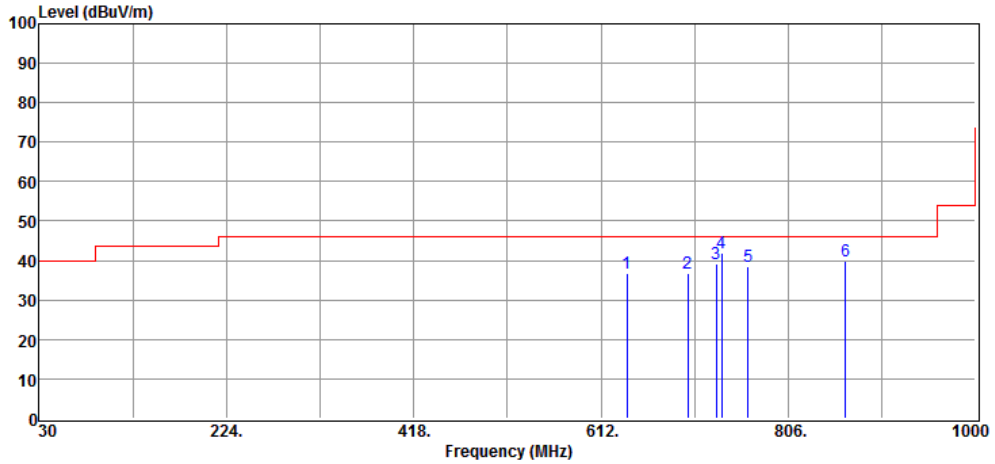



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 557.68 | 37.78 | -4.64 | 33.14 | 46.00 | -12.86 | Peak | HORIZONTAL |
| 2 | 638.19 | 39.18 | -2.60 | 36.58 | 46.00 | -9.42 | Peak | HORIZONTAL |
| 3 | 734.22 | 44.83 | -1.20 | 43.63 | 46.00 | -2.37 | Peak | HORIZONTAL |
| 4 | 737.13 | 42.79 | -1.10 | 41.69 | 46.00 | -4.31 | Peak | HORIZONTAL |
| 5 | 746.83 | 42.12 | -0.73 | 41.39 | 46.00 | -4.61 | Peak | HORIZONTAL |
| 6 | 854.50 | 40.18 | 0.53 | 40.71 | 46.00 | -5.29 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx High ch 030 Tested by : Barry Lee

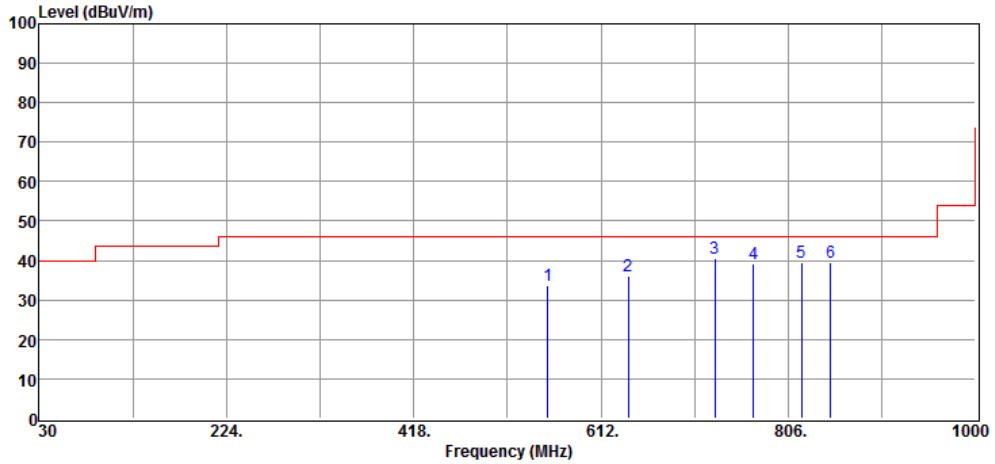



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 639.16 | 39.34 | -2.58 | 36.76 | 46.00 | -9.24 | Peak | VERTICAL |
| 2 | 702.21 | 38.52 | -1.77 | 36.75 | 46.00 | -9.25 | Peak | VERTICAL |
| 3 | 731.31 | 40.38 | -1.20 | 39.18 | 46.00 | -6.82 | Peak | VERTICAL |
| 4 | 737.13 | 43.13 | -1.10 | 42.03 | 46.00 | -3.97 | Peak | VERTICAL |
| 5 | 764.29 | 38.82 | -0.25 | 38.57 | 46.00 | -7.43 | Peak | VERTICAL |
| 6 | 865.17 | 39.58 | 0.37 | 39.95 | 46.00 | -6.05 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx High ch 030 Tested by : Barry Lee

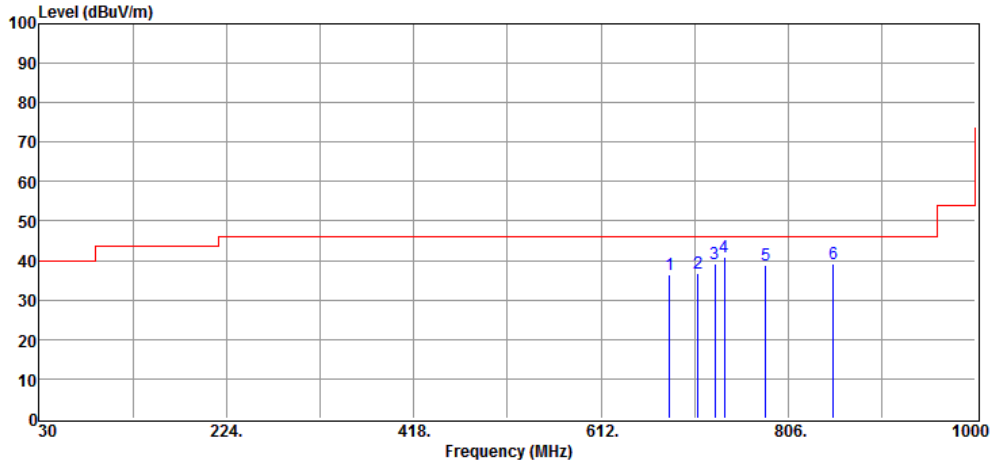



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 556.71 | 38.43 | -4.66 | 33.77 | 46.00 | -12.23 | Peak | HORIZONTAL |
| 2 | 640.13 | 38.48 | -2.55 | 35.93 | 46.00 | -10.07 | Peak | HORIZONTAL |
| 3 | 730.34 | 41.91 | -1.21 | 40.70 | 46.00 | -5.30 | Peak | HORIZONTAL |
| 4 | 770.11 | 39.37 | -0.33 | 39.04 | 46.00 | -6.96 | Peak | HORIZONTAL |
| 5 | 819.58 | 39.61 | 0.06 | 39.67 | 46.00 | -6.33 | Peak | HORIZONTAL |
| 6 | 849.65 | 39.23 | 0.42 | 39.65 | 46.00 | -6.35 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Low ch 60cm Tested by : Barry Lee

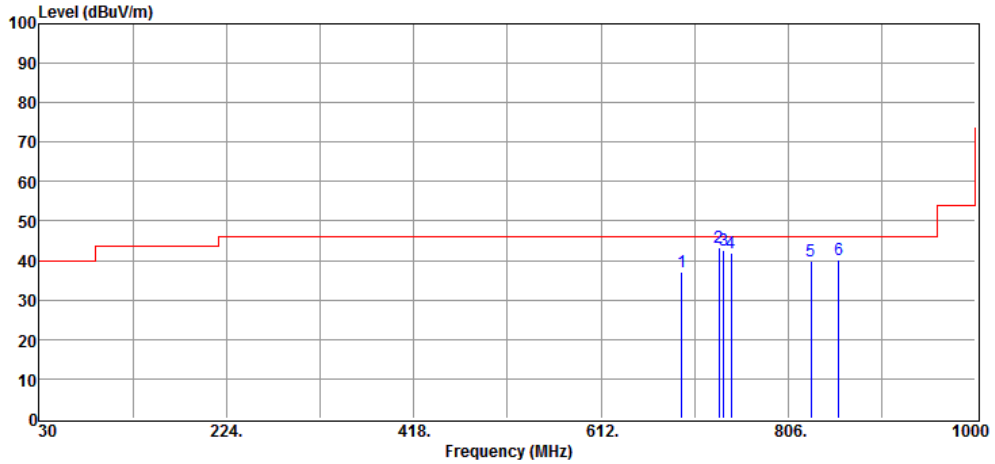



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 682.81 | 38.59 | -2.07 | 36.52 | 46.00 | -9.48 | Peak | VERTICAL |
| 2 | 712.88 | 38.57 | -1.65 | 36.92 | 46.00 | -9.08 | Peak | VERTICAL |
| 3 | 730.34 | 40.40 | -1.21 | 39.19 | 46.00 | -6.81 | Peak | VERTICAL |
| 4 | 740.04 | 41.97 | -0.98 | 40.99 | 46.00 | -5.01 | Peak | VERTICAL |
| 5 | 782.72 | 39.02 | -0.30 | 38.72 | 46.00 | -7.28 | Peak | VERTICAL |
| 6 | 852.56 | 38.75 | 0.49 | 39.24 | 46.00 | -6.76 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Low ch 60cm Tested by : Barry Lee

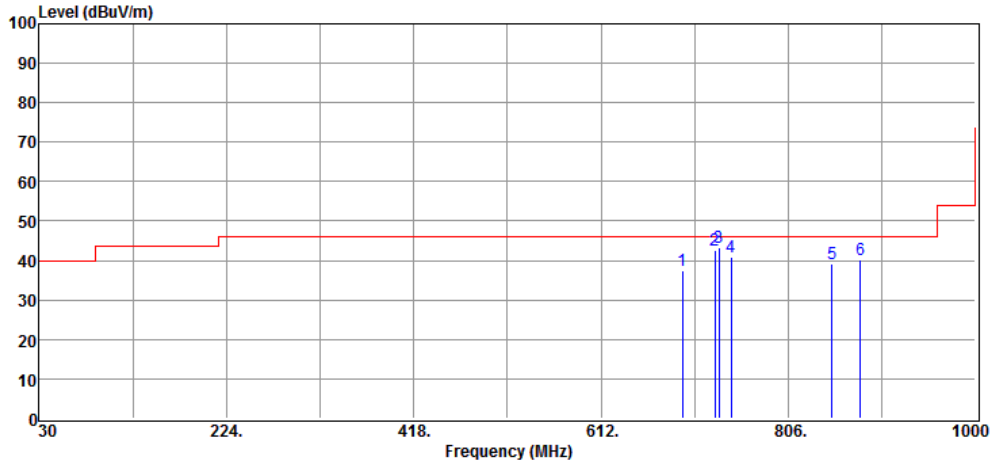



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 695.42 | 39.16 | -1.88 | 37.28 | 46.00 | -8.72 | Peak | HORIZONTAL |
| 2 | 734.22 | 44.56 | -1.20 | 43.36 | 46.00 | -2.64 | Peak | HORIZONTAL |
| 3 | 739.07 | 43.61 | -1.03 | 42.58 | 46.00 | -3.42 | Peak | HORIZONTAL |
| 4 | 746.83 | 42.82 | -0.73 | 42.09 | 46.00 | -3.91 | Peak | HORIZONTAL |
| 5 | 829.28 | 39.84 | 0.00 | 39.84 | 46.00 | -6.16 | Peak | HORIZONTAL |
| 6 | 858.38 | 39.65 | 0.48 | 40.13 | 46.00 | -5.87 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Mid ch 60cm Tested by : Barry Lee

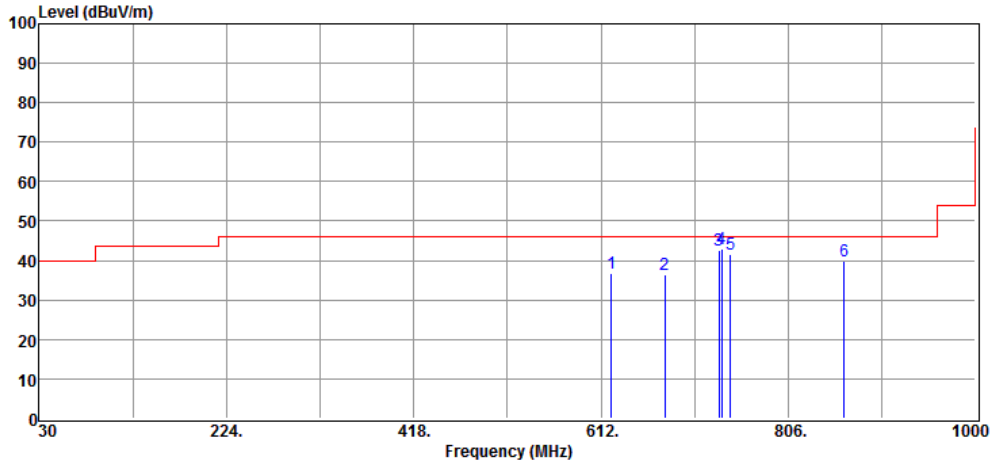



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 696.39 | 39.17 | -1.86 | 37.31 | 46.00 | -8.69 | Peak | VERTICAL |
| 2 | 730.34 | 43.98 | -1.21 | 42.77 | 46.00 | -3.23 | Peak | VERTICAL |
| 3 | 734.22 | 44.42 | -1.20 | 43.22 | 46.00 | -2.78 | Peak | VERTICAL |
| 4 | 746.83 | 41.69 | -0.73 | 40.96 | 46.00 | -5.04 | Peak | VERTICAL |
| 5 | 851.59 | 38.74 | 0.47 | 39.21 | 46.00 | -6.79 | Peak | VERTICAL |
| 6 | 880.69 | 39.81 | 0.41 | 40.22 | 46.00 | -5.78 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Mid ch 60cm Tested by : Barry Lee

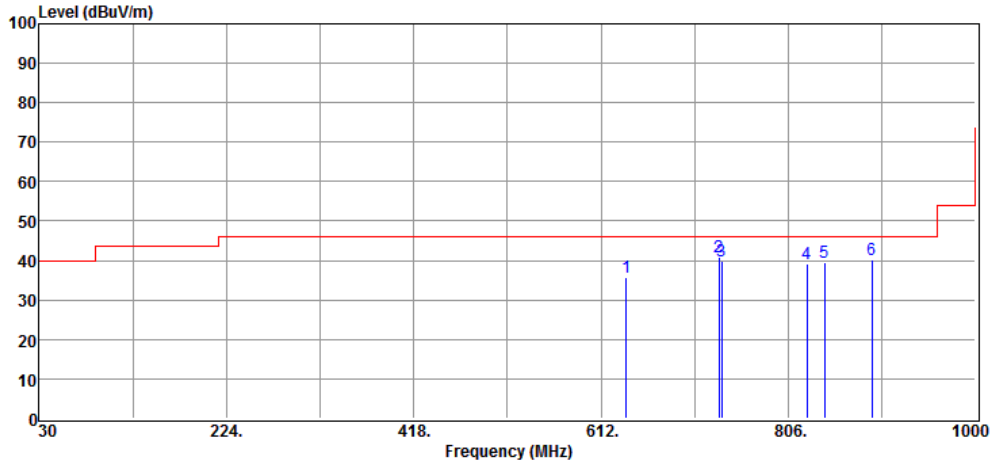



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 622.67 | 39.48 | -2.81 | 36.67 | 46.00 | -9.33 | Peak | HORIZONTAL |
| 2 | 677.96 | 38.69 | -2.22 | 36.47 | 46.00 | -9.53 | Peak | HORIZONTAL |
| 3 | 734.22 | 43.90 | -1.20 | 42.70 | 46.00 | -3.30 | Peak | HORIZONTAL |
| 4 | 737.13 | 44.12 | -1.10 | 43.02 | 46.00 | -2.98 | Peak | HORIZONTAL |
| 5 | 745.86 | 42.50 | -0.75 | 41.75 | 46.00 | -4.25 | Peak | HORIZONTAL |
| 6 | 864.20 | 39.42 | 0.38 | 39.80 | 46.00 | -6.20 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx High ch 60cm Tested by : Barry Lee

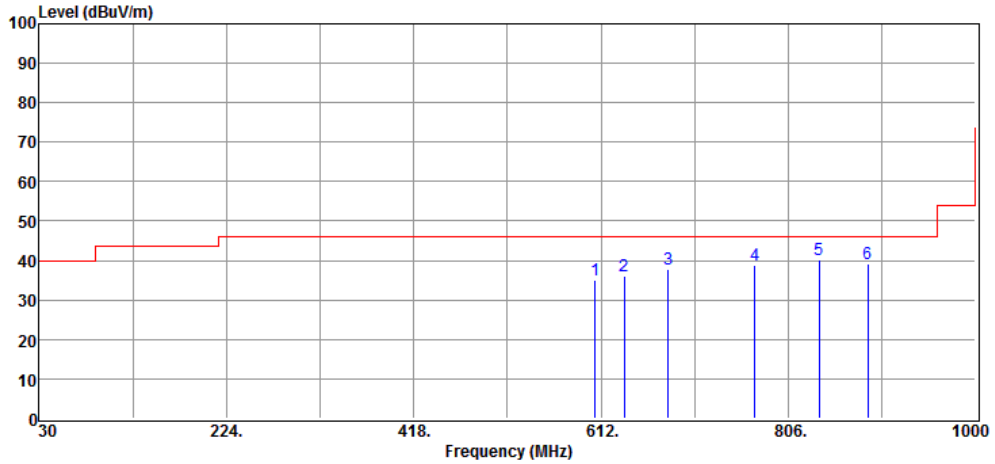



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 638.19 | 38.51 | -2.60 | 35.91 | 46.00 | -10.09 | Peak | VERTICAL |
| 2 | 734.22 | 42.05 | -1.20 | 40.85 | 46.00 | -5.15 | Peak | VERTICAL |
| 3 | 737.13 | 41.00 | -1.10 | 39.90 | 46.00 | -6.10 | Peak | VERTICAL |
| 4 | 825.40 | 39.08 | -0.01 | 39.07 | 46.00 | -6.93 | Peak | VERTICAL |
| 5 | 843.83 | 39.03 | 0.33 | 39.36 | 46.00 | -6.64 | Peak | VERTICAL |
| 6 | 892.33 | 39.65 | 0.66 | 40.31 | 46.00 | -5.69 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx High ch 60cm Tested by : Barry Lee

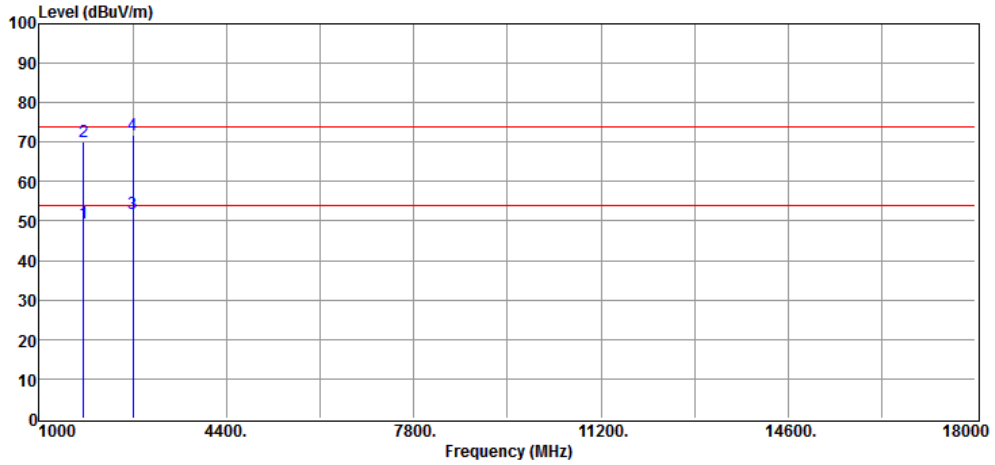



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 606.18 | 38.44 | -3.24 | 35.20 | 46.00 | -10.80 | Peak | HORIZONTAL |
| 2 | 636.25 | 38.90 | -2.65 | 36.25 | 46.00 | -9.75 | Peak | HORIZONTAL |
| 3 | 681.84 | 39.76 | -2.09 | 37.67 | 46.00 | -8.33 | Peak | HORIZONTAL |
| 4 | 771.08 | 39.09 | -0.32 | 38.77 | 46.00 | -7.23 | Peak | HORIZONTAL |
| 5 | 838.01 | 39.85 | 0.24 | 40.09 | 46.00 | -5.91 | Peak | HORIZONTAL |
| 6 | 888.45 | 38.63 | 0.58 | 39.21 | 46.00 | -6.79 | Peak | HORIZONTAL |

## 7.4.2 Radiated Spurious Emission Measurement Result (above1GHz)

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan
Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Low ch 088 Tested by : Barry Lee

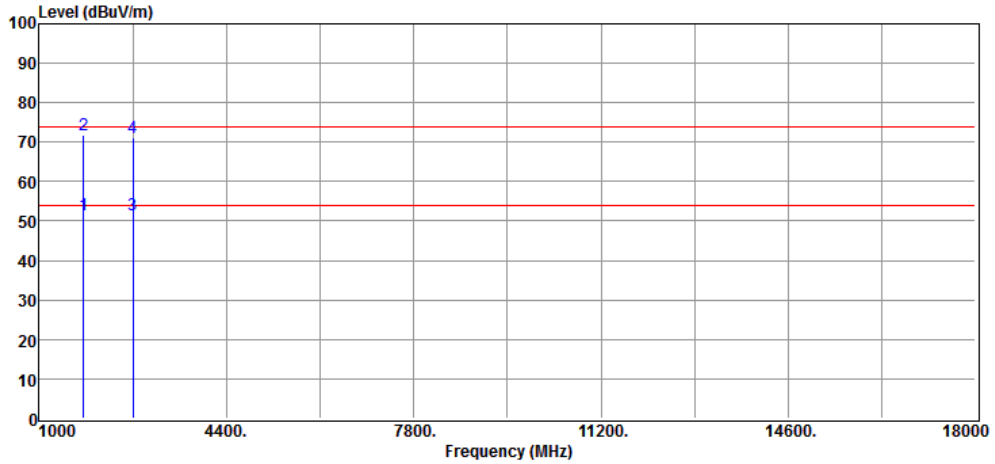



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1805.00 | 49.21 | 0.26 | 49.47 | 54.00 | -4.53 | Average | VERTICAL |
| 2 | 1805.00 | 69.95 | 0.26 | 70.21 | 74.00 | -3.79 | Peak | VERTICAL |
| 3 | 2707.50 | 48.34 | 3.51 | 51.85 | 54.00 | -2.15 | Average | VERTICAL |
| 4 | 2707.50 | 68.44 | 3.51 | 71.95 | 74.00 | -2.05 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Low ch 088 Tested by : Barry Lee

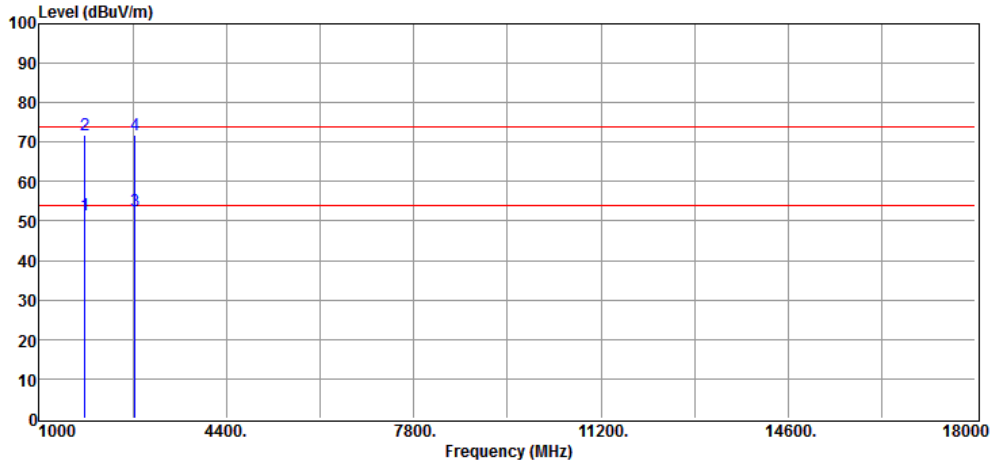



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1805.00 | 51.41 | 0.26 | 51.67 | 54.00 | -2.33 | Average | HORIZONTAL |
| 2 | 1805.00 | 71.64 | 0.26 | 71.90 | 74.00 | -2.10 | Peak | HORIZONTAL |
| 3 | 2707.50 | 47.90 | 3.51 | 51.41 | 54.00 | -2.59 | Average | HORIZONTAL |
| 4 | 2707.50 | 67.62 | 3.51 | 71.13 | 74.00 | -2.87 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Mid ch 088 Tested by : Barry Lee

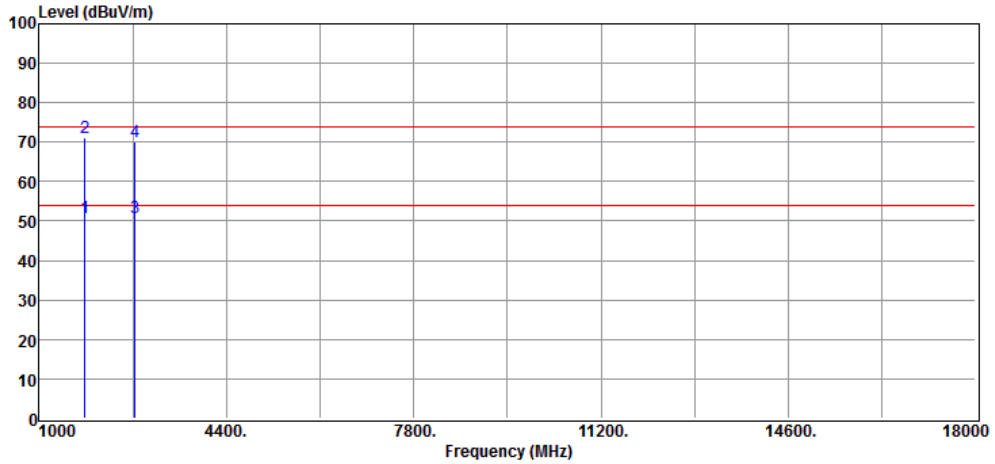



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1830.00 | 51.07 | 0.58 | 51.65 | 54.00 | -2.35 | Average | VERTICAL |
| 2 | 1830.00 | 71.31 | 0.58 | 71.89 | 74.00 | -2.11 | Peak | VERTICAL |
| 3 | 2745.00 | 48.91 | 3.64 | 52.55 | 54.00 | -1.45 | Average | VERTICAL |
| 4 | 2745.00 | 68.27 | 3.64 | 71.91 | 74.00 | -2.09 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Mid ch 088 Tested by : Barry Lee

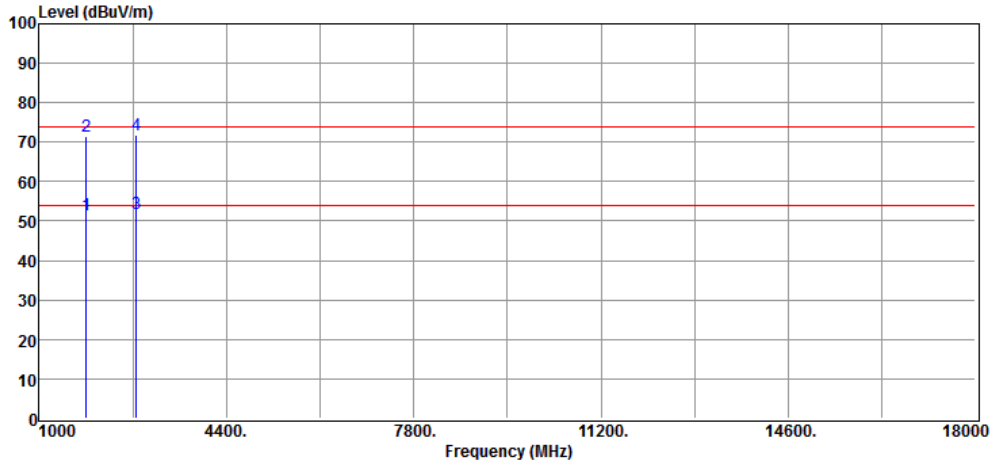



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1830.00 | 50.42 | 0.58 | 51.00 | 54.00 | -3.00 | Average | HORIZONTAL |
| 2 | 1830.00 | 70.64 | 0.58 | 71.22 | 74.00 | -2.78 | Peak | HORIZONTAL |
| 3 | 2745.00 | 47.20 | 3.64 | 50.84 | 54.00 | -3.16 | Average | HORIZONTAL |
| 4 | 2745.00 | 66.57 | 3.64 | 70.21 | 74.00 | -3.79 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx High ch 088 Tested by : Barry Lee

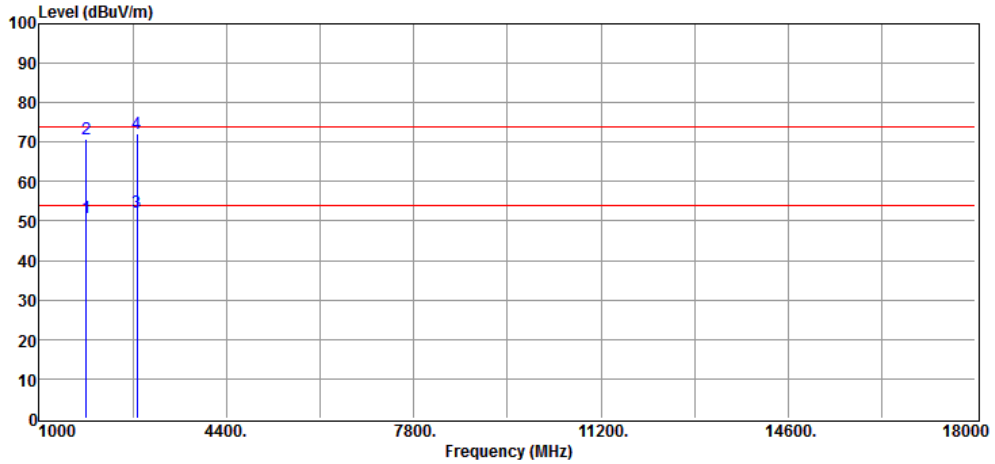



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1854.00 | 50.80 | 0.81 | 51.61 | 54.00 | -2.39 | Average | VERTICAL |
| 2 | 1854.00 | 70.69 | 0.81 | 71.50 | 74.00 | -2.50 | Peak | VERTICAL |
| 3 | 2768.00 | 48.26 | 3.75 | 52.01 | 54.00 | -1.99 | Average | VERTICAL |
| 4 | 2768.00 | 68.17 | 3.75 | 71.92 | 74.00 | -2.08 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx High ch 088 Tested by : Barry Lee

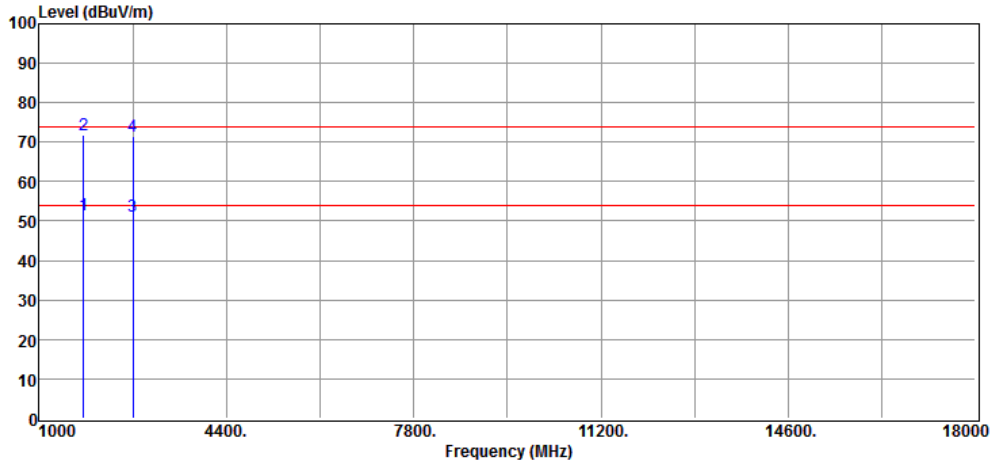



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1854.00 | 50.04 | 0.81 | 50.85 | 54.00 | -3.15 | Average | HORIZONTAL |
| 2 | 1854.00 | 70.09 | 0.81 | 70.90 | 74.00 | -3.10 | Peak | HORIZONTAL |
| 3 | 2781.00 | 48.31 | 3.82 | 52.13 | 54.00 | -1.87 | Average | HORIZONTAL |
| 4 | 2781.00 | 68.31 | 3.82 | 72.13 | 74.00 | -1.87 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Low ch 025 Tested by : Barry Lee

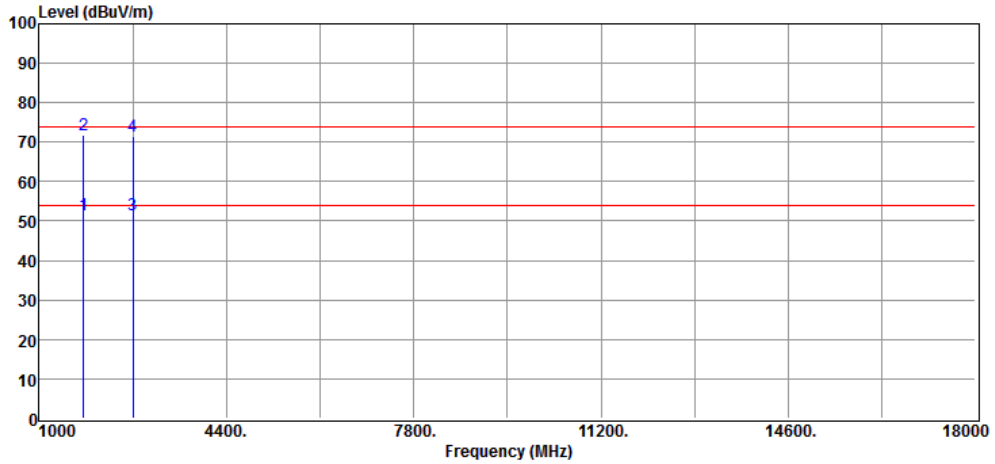



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1805.00 | 51.17 | 0.26 | 51.43 | 54.00 | -2.57 | Average | VERTICAL |
| 2 | 1805.00 | 71.47 | 0.26 | 71.73 | 74.00 | -2.27 | Peak | VERTICAL |
| 3 | 2707.50 | 47.53 | 3.51 | 51.04 | 54.00 | -2.96 | Average | VERTICAL |
| 4 | 2707.50 | 67.96 | 3.51 | 71.47 | 74.00 | -2.53 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Low ch 025 Tested by : Barry Lee

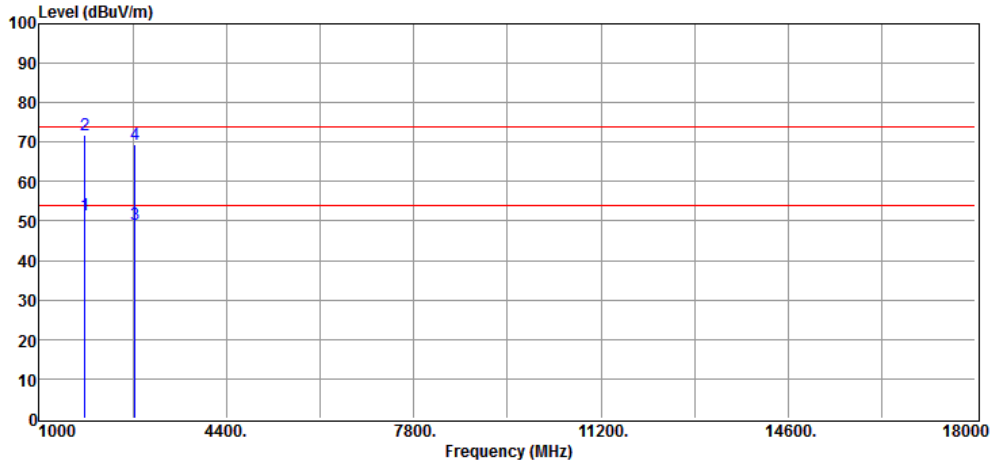



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1805.00 | 51.12 | 0.26 | 51.38 | 54.00 | -2.62 | Average | HORIZONTAL |
| 2 | 1805.00 | 71.58 | 0.26 | 71.84 | 74.00 | -2.16 | Peak | HORIZONTAL |
| 3 | 2707.50 | 47.97 | 3.51 | 51.48 | 54.00 | -2.52 | Average | HORIZONTAL |
| 4 | 2707.50 | 68.01 | 3.51 | 71.52 | 74.00 | -2.48 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Mid ch 025 Tested by : Barry Lee

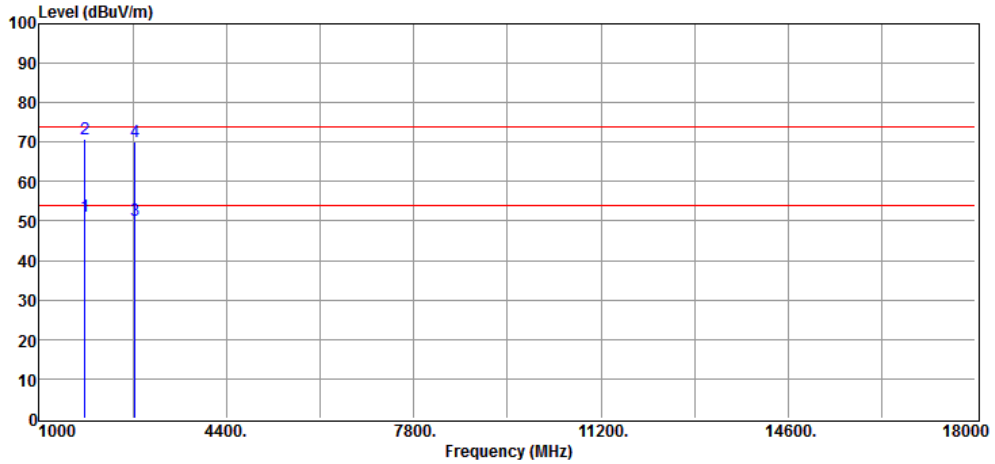



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1830.00 | 51.03 | 0.58 | 51.61 | 54.00 | -2.39 | Average | VERTICAL |
| 2 | 1830.00 | 71.07 | 0.58 | 71.65 | 74.00 | -2.35 | Peak | VERTICAL |
| 3 | 2745.00 | 45.42 | 3.64 | 49.06 | 54.00 | -4.94 | Average | VERTICAL |
| 4 | 2745.00 | 65.65 | 3.64 | 69.29 | 74.00 | -4.71 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Mid ch 025 Tested by : Barry Lee

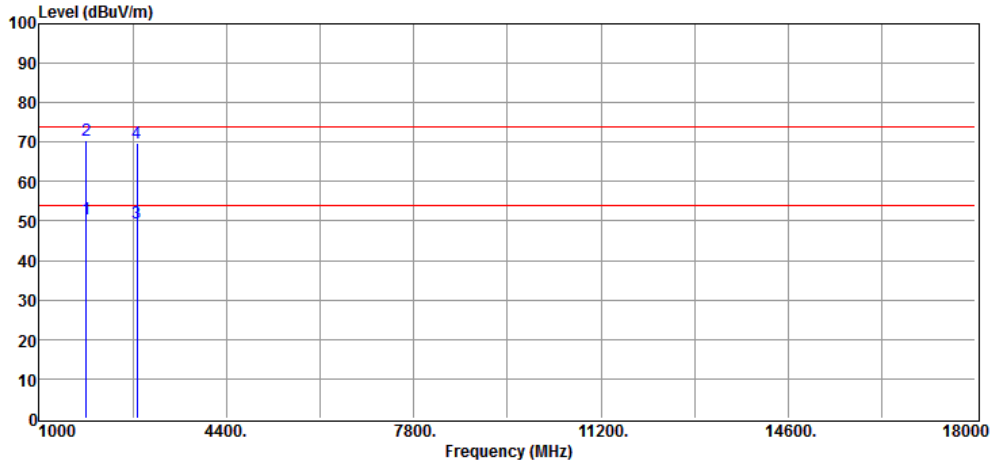



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1830.00 | 50.52 | 0.58 | 51.10 | 54.00 | -2.90 | Average | HORIZONTAL |
| 2 | 1830.00 | 70.35 | 0.58 | 70.93 | 74.00 | -3.07 | Peak | HORIZONTAL |
| 3 | 2745.00 | 46.54 | 3.64 | 50.18 | 54.00 | -3.82 | Average | HORIZONTAL |
| 4 | 2745.00 | 66.59 | 3.64 | 70.23 | 74.00 | -3.77 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx High ch 025 Tested by : Barry Lee

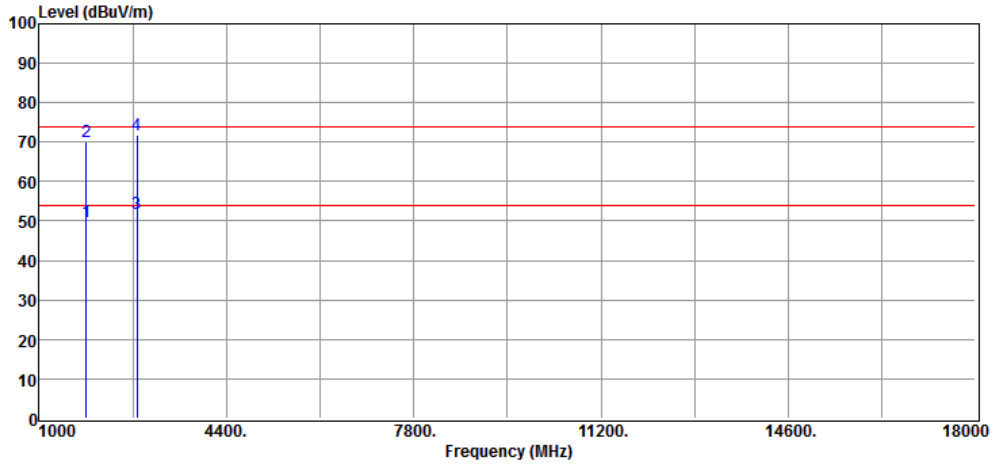



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1854.00 | 49.62 | 0.81 | 50.43 | 54.00 | -3.57 | Average | VERTICAL |
| 2 | 1854.00 | 69.74 | 0.81 | 70.55 | 74.00 | -3.45 | Peak | VERTICAL |
| 3 | 2781.00 | 45.78 | 3.82 | 49.60 | 54.00 | -4.40 | Average | VERTICAL |
| 4 | 2781.00 | 65.98 | 3.82 | 69.80 | 74.00 | -4.20 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx High ch 025 Tested by : Barry Lee

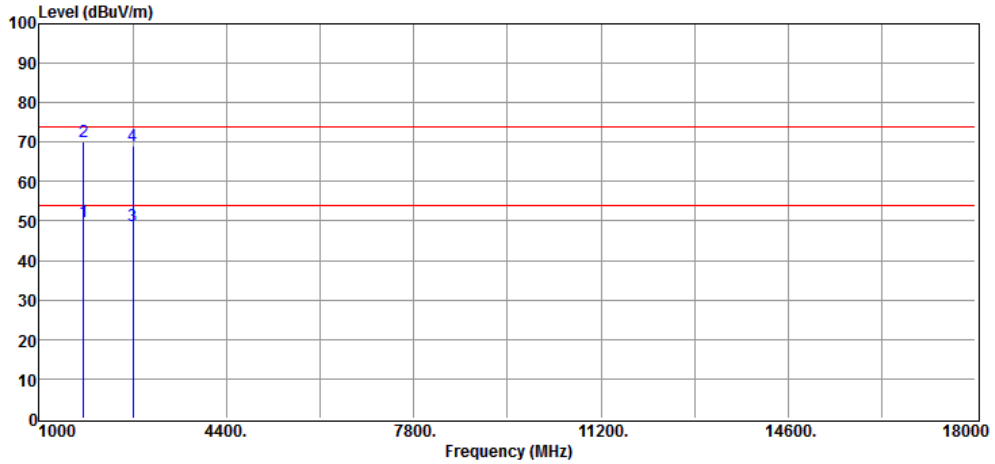



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1854.00 | 49.09 | 0.81 | 49.90 | 54.00 | -4.10 | Average | HORIZONTAL |
| 2 | 1854.00 | 69.22 | 0.81 | 70.03 | 74.00 | -3.97 | Peak | HORIZONTAL |
| 3 | 2781.00 | 48.00 | 3.82 | 51.82 | 54.00 | -2.18 | Average | HORIZONTAL |
| 4 | 2781.00 | 67.99 | 3.82 | 71.81 | 74.00 | -2.19 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Low ch Chip Tested by : Barry Lee

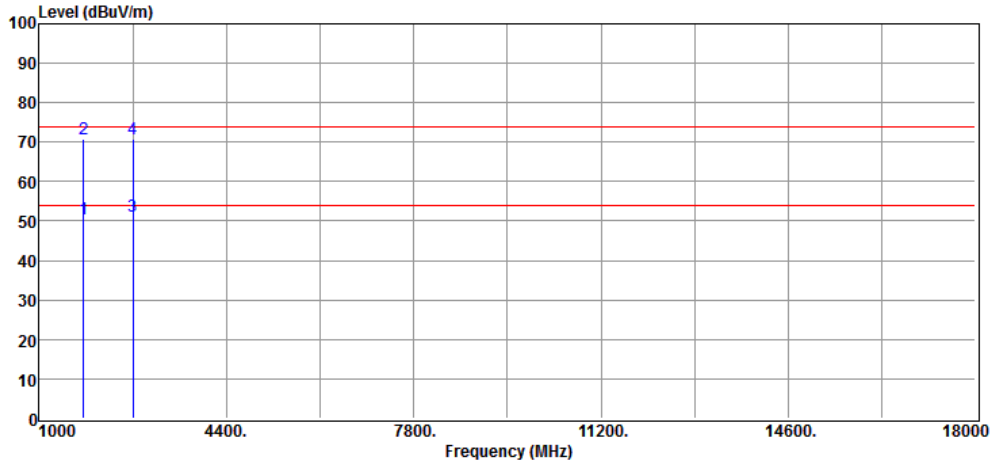



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1805.00 | 49.48 | 0.26 | 49.74 | 54.00 | -4.26 | Average | VERTICAL |
| 2 | 1805.00 | 69.92 | 0.26 | 70.18 | 74.00 | -3.82 | Peak | VERTICAL |
| 3 | 2707.50 | 45.21 | 3.51 | 48.72 | 54.00 | -5.28 | Average | VERTICAL |
| 4 | 2707.50 | 65.71 | 3.51 | 69.22 | 74.00 | -4.78 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Low ch Chip Tested by : Barry Lee

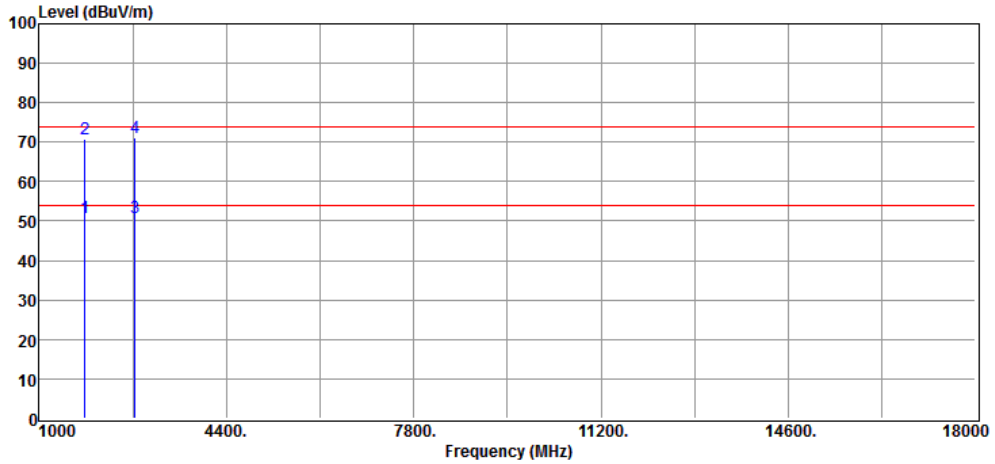



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1805.00 | 50.30 | 0.26 | 50.56 | 54.00 | -3.44 | Average | HORIZONTAL |
| 2 | 1805.00 | 70.53 | 0.26 | 70.79 | 74.00 | -3.21 | Peak | HORIZONTAL |
| 3 | 2707.50 | 47.77 | 3.51 | 51.28 | 54.00 | -2.72 | Average | HORIZONTAL |
| 4 | 2707.50 | 67.20 | 3.51 | 70.71 | 74.00 | -3.29 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Mid ch chip Tested by : Barry Lee

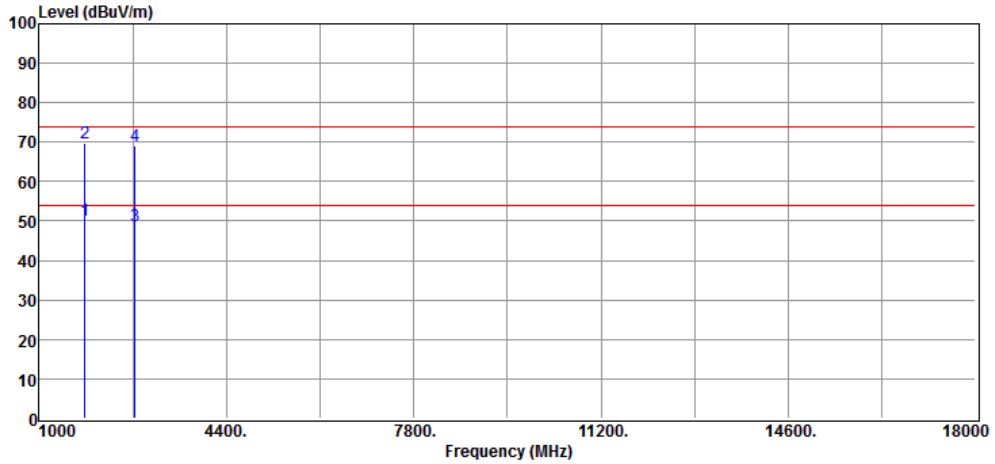



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1830.00 | 50.22 | 0.58 | 50.80 | 54.00 | -3.20 | Average | VERTICAL |
| 2 | 1830.00 | 70.22 | 0.58 | 70.80 | 74.00 | -3.20 | Peak | VERTICAL |
| 3 | 2745.00 | 47.30 | 3.64 | 50.94 | 54.00 | -3.06 | Average | VERTICAL |
| 4 | 2745.00 | 67.33 | 3.64 | 70.97 | 74.00 | -3.03 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Mid ch chip Tested by : Barry Lee

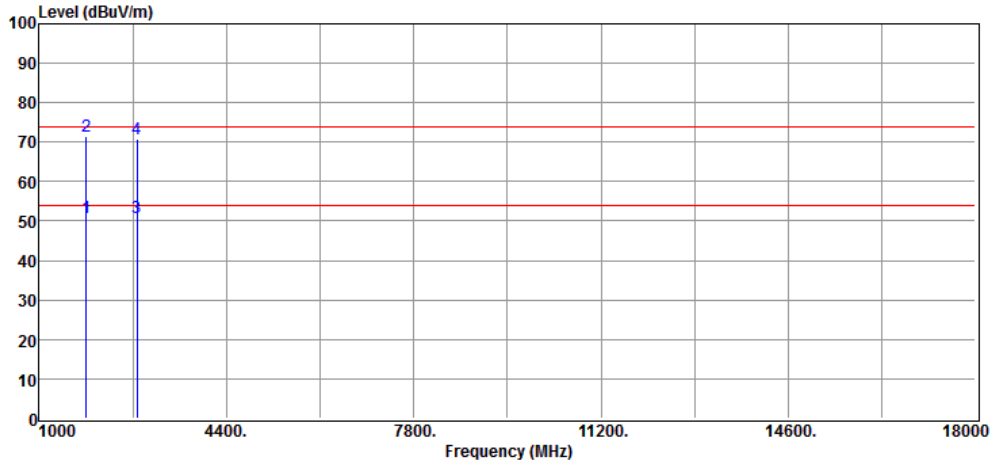



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1830.00 | 49.47 | 0.58 | 50.05 | 54.00 | -3.95 | Average | HORIZONTAL |
| 2 | 1830.00 | 69.11 | 0.58 | 69.69 | 74.00 | -4.31 | Peak | HORIZONTAL |
| 3 | 2745.00 | 45.32 | 3.64 | 48.96 | 54.00 | -5.04 | Average | HORIZONTAL |
| 4 | 2745.00 | 65.54 | 3.64 | 69.18 | 74.00 | -4.82 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx High ch Chip Tested by : Barry Lee

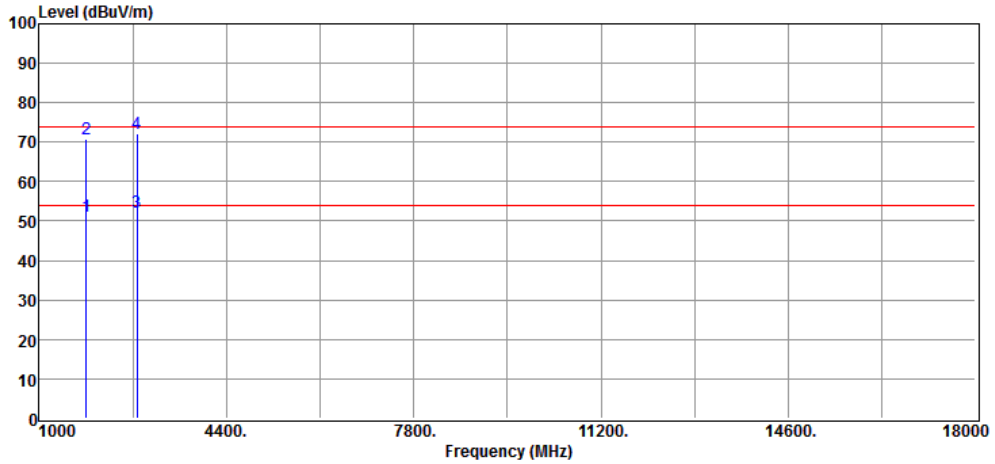



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1854.00 | 50.14 | 0.81 | 50.95 | 54.00 | -3.05 | Average | VERTICAL |
| 2 | 1854.00 | 70.70 | 0.81 | 71.51 | 74.00 | -2.49 | Peak | VERTICAL |
| 3 | 2781.00 | 47.05 | 3.82 | 50.87 | 54.00 | -3.13 | Average | VERTICAL |
| 4 | 2781.00 | 67.08 | 3.82 | 70.90 | 74.00 | -3.10 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx High ch Chip Tested by : Barry Lee

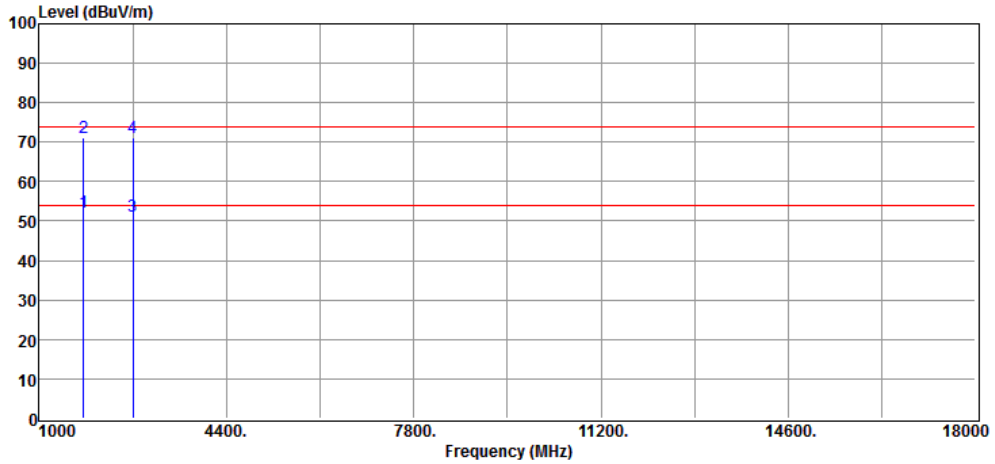



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1854.00 | 50.40 | 0.81 | 51.21 | 54.00 | -2.79 | Average | HORIZONTAL |
| 2 | 1854.00 | 70.13 | 0.81 | 70.94 | 74.00 | -3.06 | Peak | HORIZONTAL |
| 3 | 2781.00 | 48.26 | 3.82 | 52.08 | 54.00 | -1.92 | Average | HORIZONTAL |
| 4 | 2781.00 | 68.23 | 3.82 | 72.05 | 74.00 | -1.95 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Low ch 030 Tested by : Barry Lee

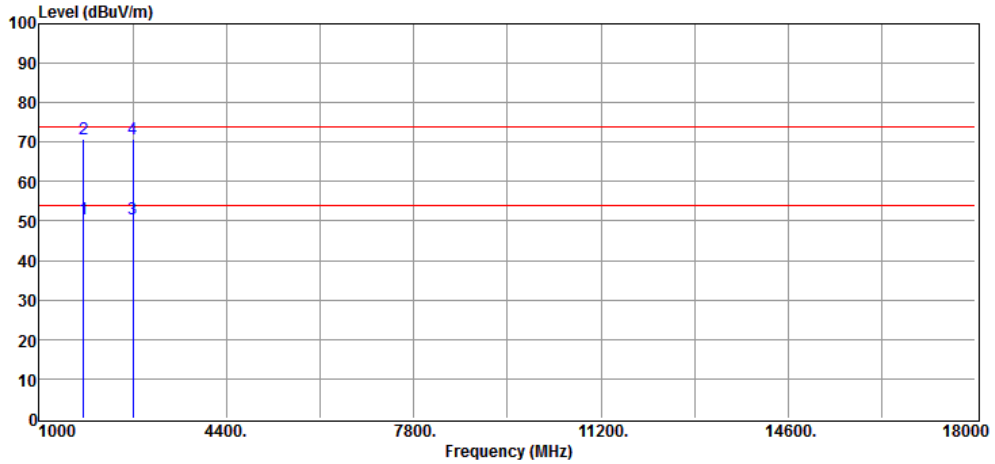



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1805.00 | 51.90 | 0.26 | 52.16 | 54.00 | -1.84 | Average | VERTICAL |
| 2 | 1805.00 | 71.02 | 0.26 | 71.28 | 74.00 | -2.72 | Peak | VERTICAL |
| 3 | 2707.50 | 47.68 | 3.51 | 51.19 | 54.00 | -2.81 | Average | VERTICAL |
| 4 | 2707.50 | 67.69 | 3.51 | 71.20 | 74.00 | -2.80 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Low ch 030 Tested by : Barry Lee

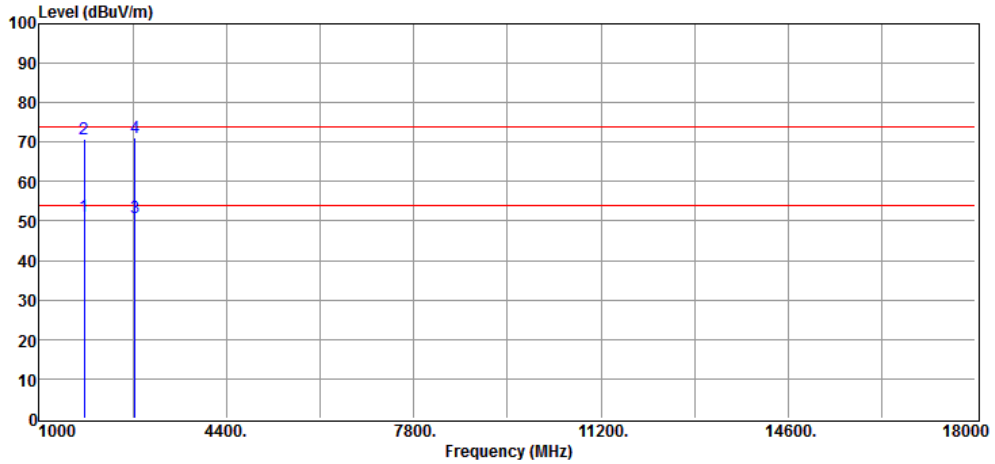



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1805.00 | 50.28 | 0.26 | 50.54 | 54.00 | -3.46 | Average | HORIZONTAL |
| 2 | 1805.00 | 70.63 | 0.26 | 70.89 | 74.00 | -3.11 | Peak | HORIZONTAL |
| 3 | 2707.50 | 47.11 | 3.51 | 50.62 | 54.00 | -3.38 | Average | HORIZONTAL |
| 4 | 2707.50 | 67.42 | 3.51 | 70.93 | 74.00 | -3.07 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Mid ch 030 Tested by : Barry Lee

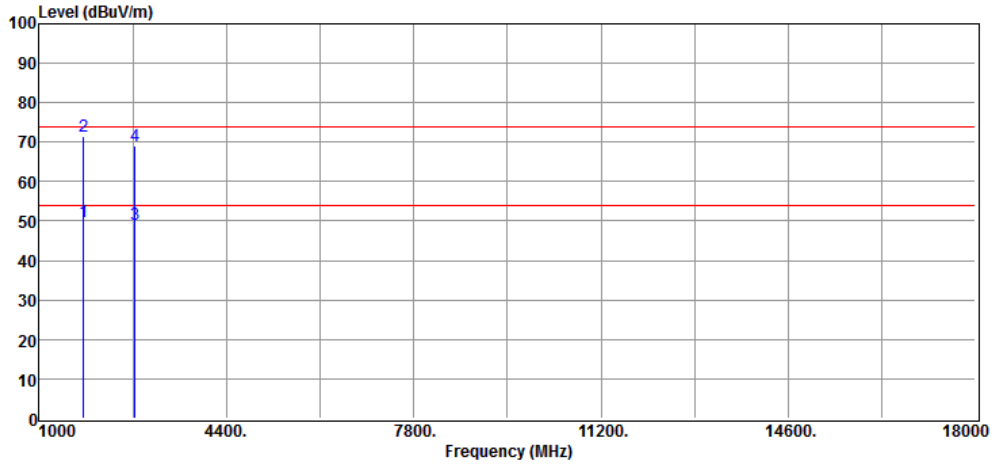



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1816.00 | 50.80 | 0.40 | 51.20 | 54.00 | -2.80 | Average | VERTICAL |
| 2 | 1816.00 | 70.50 | 0.40 | 70.90 | 74.00 | -3.10 | Peak | VERTICAL |
| 3 | 2745.00 | 47.38 | 3.64 | 51.02 | 54.00 | -2.98 | Average | VERTICAL |
| 4 | 2745.00 | 67.35 | 3.64 | 70.99 | 74.00 | -3.01 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Mid ch 030 Tested by : Barry Lee

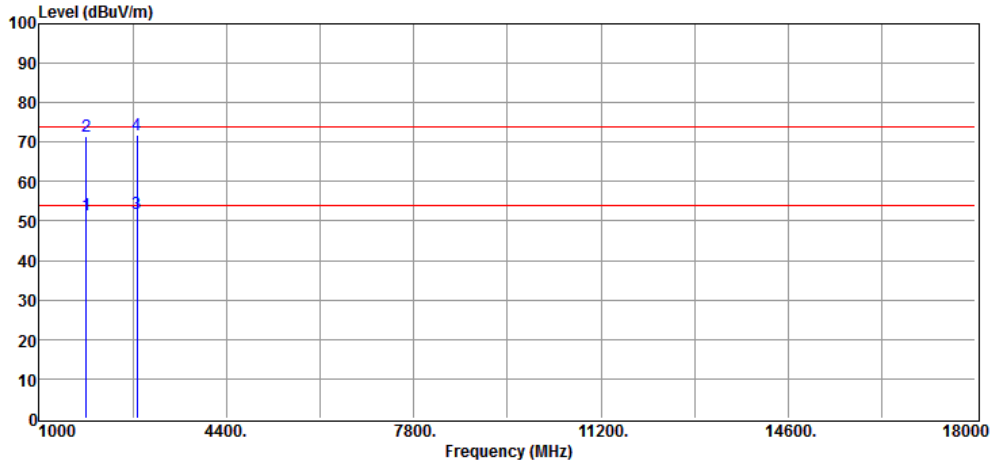



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1805.00 | 49.57 | 0.26 | 49.83 | 54.00 | -4.17 | Average | HORIZONTAL |
| 2 | 1805.00 | 71.05 | 0.26 | 71.31 | 74.00 | -2.69 | Peak | HORIZONTAL |
| 3 | 2745.00 | 45.60 | 3.64 | 49.24 | 54.00 | -4.76 | Average | HORIZONTAL |
| 4 | 2745.00 | 65.55 | 3.64 | 69.19 | 74.00 | -4.81 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx High ch 030 Tested by : Barry Lee

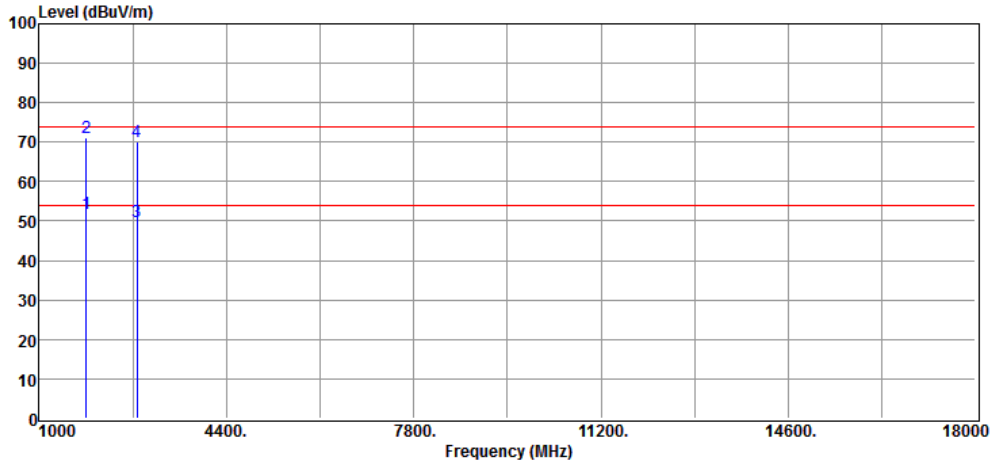



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1854.00 | 50.72 | 0.81 | 51.53 | 54.00 | -2.47 | Average | VERTICAL |
| 2 | 1854.00 | 70.72 | 0.81 | 71.53 | 74.00 | -2.47 | Peak | VERTICAL |
| 3 | 2781.00 | 48.07 | 3.82 | 51.89 | 54.00 | -2.11 | Average | VERTICAL |
| 4 | 2781.00 | 67.94 | 3.82 | 71.76 | 74.00 | -2.24 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx High ch 030 Tested by : Barry Lee

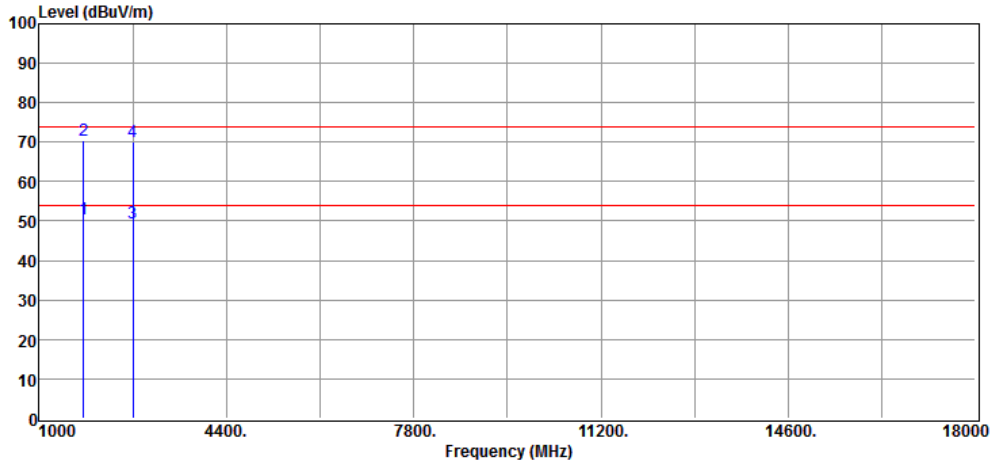



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1854.00 | 50.92 | 0.81 | 51.73 | 54.00 | -2.27 | Average | HORIZONTAL |
| 2 | 1854.00 | 70.16 | 0.81 | 70.97 | 74.00 | -3.03 | Peak | HORIZONTAL |
| 3 | 2781.00 | 46.03 | 3.82 | 49.85 | 54.00 | -4.15 | Average | HORIZONTAL |
| 4 | 2781.00 | 66.27 | 3.82 | 70.09 | 74.00 | -3.91 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Low ch 60cm Tested by : Barry Lee

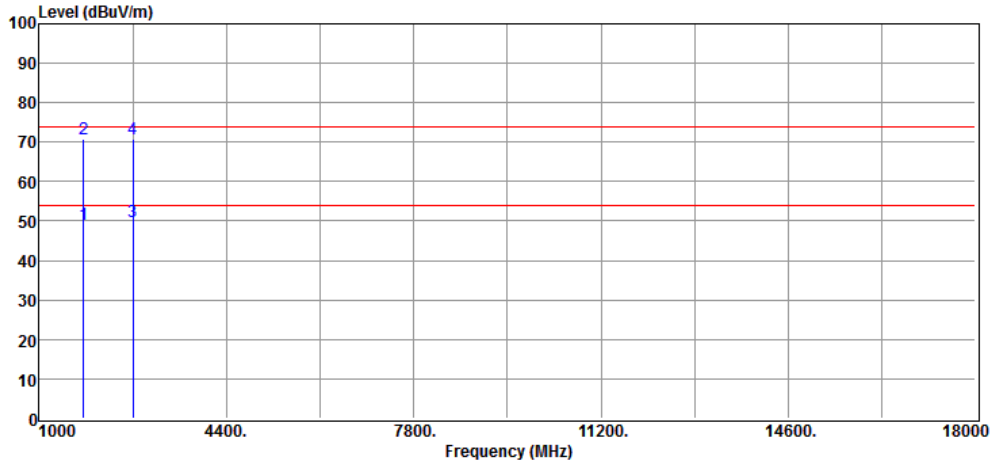



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1805.00 | 50.20 | 0.26 | 50.46 | 54.00 | -3.54 | Average | VERTICAL |
| 2 | 1805.00 | 70.19 | 0.26 | 70.45 | 74.00 | -3.55 | Peak | VERTICAL |
| 3 | 2707.50 | 46.10 | 3.51 | 49.61 | 54.00 | -4.39 | Average | VERTICAL |
| 4 | 2707.50 | 66.67 | 3.51 | 70.18 | 74.00 | -3.82 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Low ch 60cm Tested by : Barry Lee

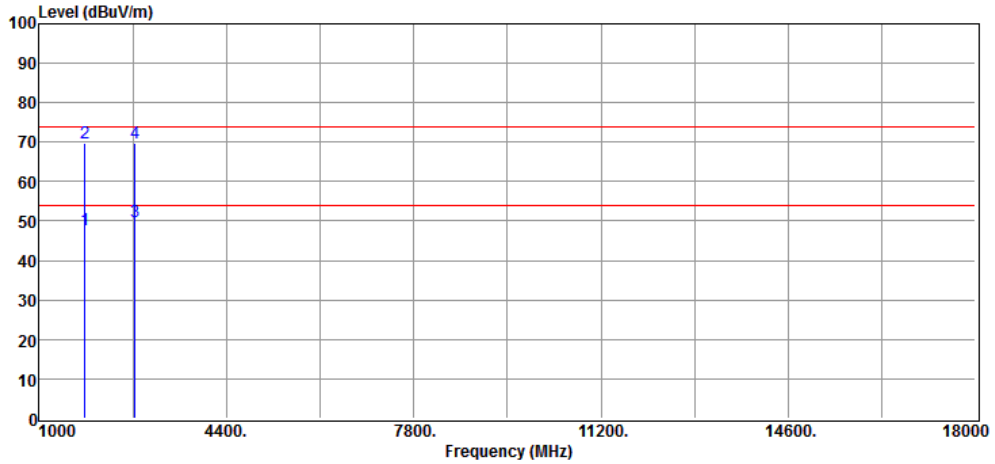



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1805.00 | 48.83 | 0.26 | 49.09 | 54.00 | -4.91 | Average | HORIZONTAL |
| 2 | 1805.00 | 70.66 | 0.26 | 70.92 | 74.00 | -3.08 | Peak | HORIZONTAL |
| 3 | 2707.50 | 46.39 | 3.51 | 49.90 | 54.00 | -4.10 | Average | HORIZONTAL |
| 4 | 2707.50 | 67.17 | 3.51 | 70.68 | 74.00 | -3.32 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Mid ch 60cm Tested by : Barry Lee

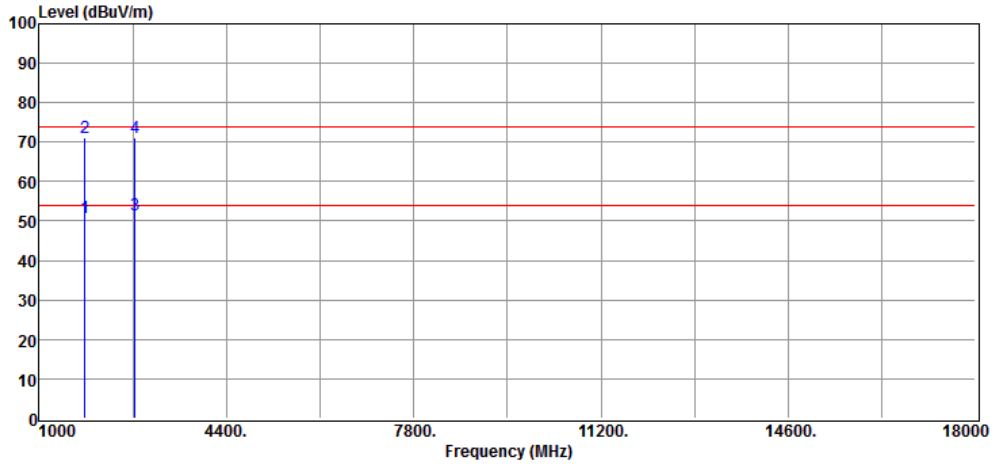



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1830.00 | 47.15 | 0.58 | 47.73 | 54.00 | -6.27 | Average | VERTICAL |
| 2 | 1830.00 | 69.18 | 0.58 | 69.76 | 74.00 | -4.24 | Peak | VERTICAL |
| 3 | 2745.00 | 46.11 | 3.64 | 49.75 | 54.00 | -4.25 | Average | VERTICAL |
| 4 | 2745.00 | 66.15 | 3.64 | 69.79 | 74.00 | -4.21 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx Mid ch 60cm Tested by : Barry Lee

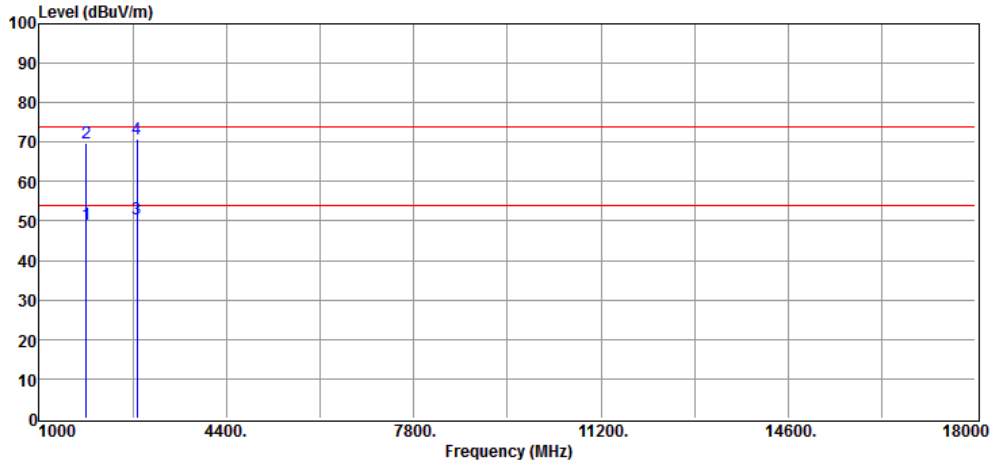



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1830.00 | 50.21 | 0.58 | 50.79 | 54.00 | -3.21 | Average | HORIZONTAL |
| 2 | 1830.00 | 70.66 | 0.58 | 71.24 | 74.00 | -2.76 | Peak | HORIZONTAL |
| 3 | 2745.00 | 47.96 | 3.64 | 51.60 | 54.00 | -2.40 | Average | HORIZONTAL |
| 4 | 2745.00 | 67.62 | 3.64 | 71.26 | 74.00 | -2.74 | Peak | HORIZONTAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx High ch 60cm Tested by : Barry Lee

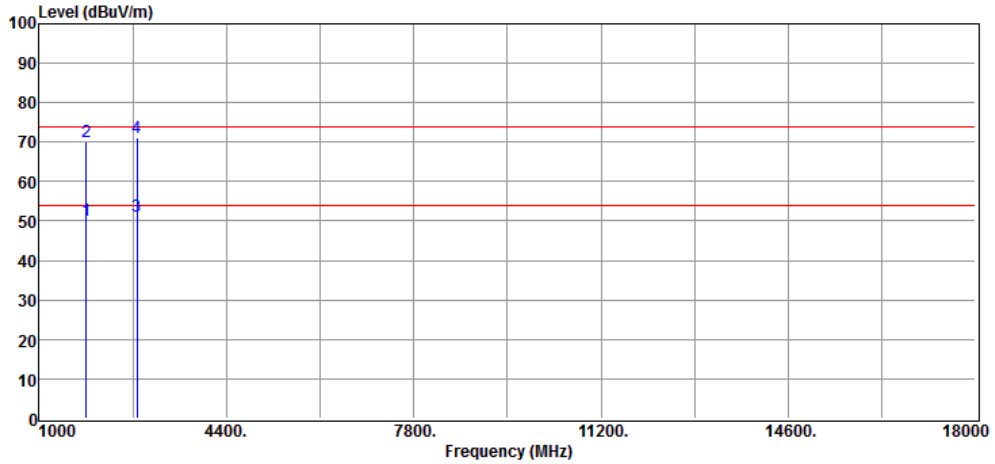



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1854.00 | 48.27 | 0.81 | 49.08 | 54.00 | -4.92 | Average | VERTICAL |
| 2 | 1854.00 | 68.84 | 0.81 | 69.65 | 74.00 | -4.35 | Peak | VERTICAL |
| 3 | 2781.00 | 46.73 | 3.82 | 50.55 | 54.00 | -3.45 | Average | VERTICAL |
| 4 | 2781.00 | 66.98 | 3.82 | 70.80 | 74.00 | -3.20 | Peak | VERTICAL |

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Tx High ch 60cm Tested by : Barry Lee




| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 1854.00 | 49.31 | 0.81 | 50.12 | 54.00 | -3.88 | Average | HORIZONTAL |
| 2 | 1854.00 | 69.14 | 0.81 | 69.95 | 74.00 | -4.05 | Peak | HORIZONTAL |
| 3 | 2781.00 | 47.24 | 3.82 | 51.06 | 54.00 | -2.94 | Average | HORIZONTAL |
| 4 | 2781.00 | 67.28 | 3.82 | 71.10 | 74.00 | -2.90 | Peak | HORIZONTAL |

## 100kHz Bandwidth of Band Edges Measurement

### 7.5 Standard Applicable

According to §15.247(d), in any 100 kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator in operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in15.209(a).

### 7.6 Measurement Procedure

1. Place the EUT on the table and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
3. Set center frequency of spectrum analyzer = operating frequency.
4. Set the spectrum analyzer as RBW=1MHz, VBW≥3*RBW (for Peak); VBW≥1/$T_{on}$ (for Average), Sweep = auto.
5. Mark Peak, 2.390GHz and 2.4835GHz and record the max. level.
6. Repeat above procedures until all frequency measured were complete.

### 7.7 Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

**FS = RA + AF + CL - AG**

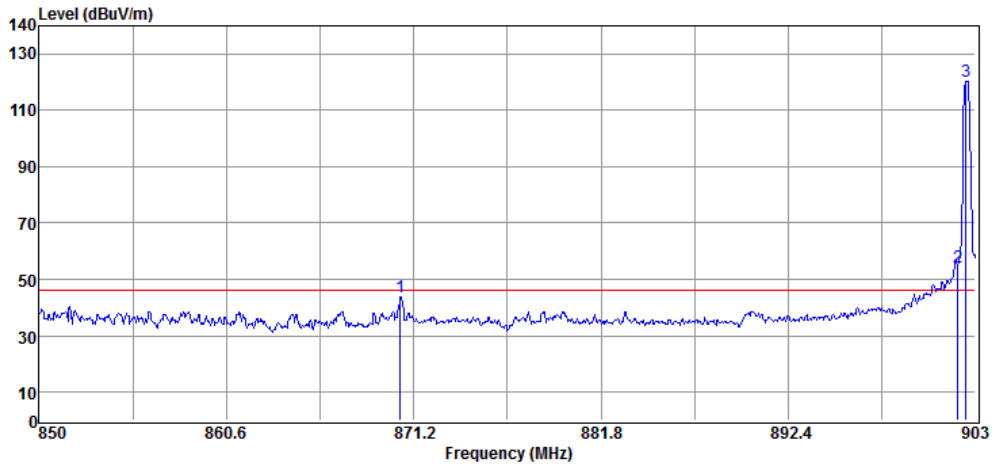
| | | |
|---|---|---|
| Where | FS = Field Strength | CL = Cable Attenuation Factor (Cable Loss) |
| | RA = Reading Amplitude | AG = Amplifier Gain |
| | AF = Antenna Factor | |

## 7.8 Measurement Result

### 7.8.1 Radiated Band Edges Measurement Result

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan
Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Bandedge Low ch 088 Tested by : Barry Lee



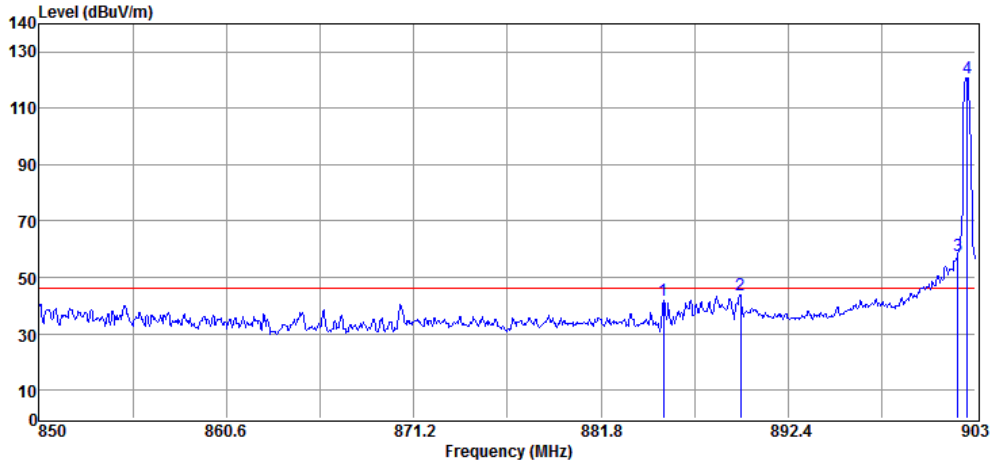

| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 870.46 | 43.53 | 0.29 | 43.82 | 46.00 | -2.18 | Peak | VERTICAL |
| 2 | 901.99 | 53.63 | 0.87 | 54.50 | 100.29 | -45.79 | Peak | VERTICAL |
| 3 | 902.47 | 119.40 | 0.89 | 120.29 | F | -- | Peak | VERTICAL |

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Bandedge Low ch 088 Tested by : Barry Lee



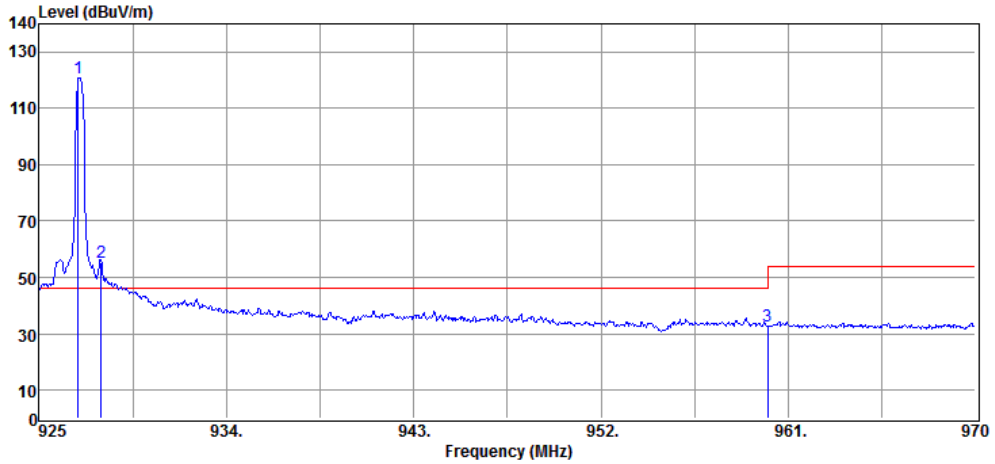

| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 885.35 | 41.26 | 0.51 | 41.77 | 46.00 | -4.23 | Peak | HORIZONTAL |
| 2 | 889.70 | 43.05 | 0.60 | 43.65 | 46.00 | -2.35 | Peak | HORIZONTAL |
| 3 | 902.00 | 56.75 | 0.87 | 57.62 | 100.64 | -43.02 | Peak | HORIZONTAL |
| 4 | 902.52 | 119.75 | 0.89 | 120.64 | F | -- | Peak | HORIZONTAL |

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Bandedge High ch 088 Tested by : Barry Lee



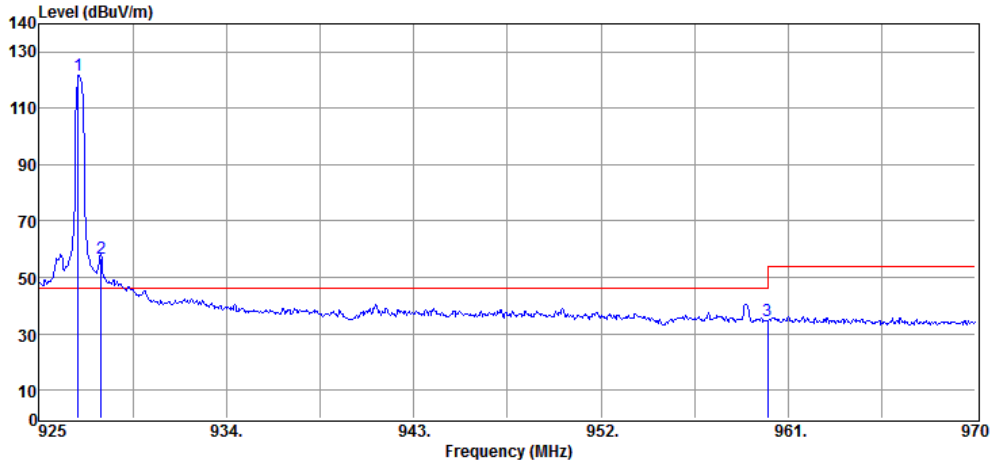

| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 926.89 | 119.22 | 1.42 | 120.64 | F | -- | Peak | VERTICAL |
| 2 | 928.00 | 53.75 | 1.44 | 55.19 | 100.64 | -45.45 | Peak | VERTICAL |
| 3 | 960.00 | 30.70 | 1.84 | 32.54 | 46.00 | -13.46 | Peak | VERTICAL |

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Bandedge High ch 088 Tested by : Barry Lee



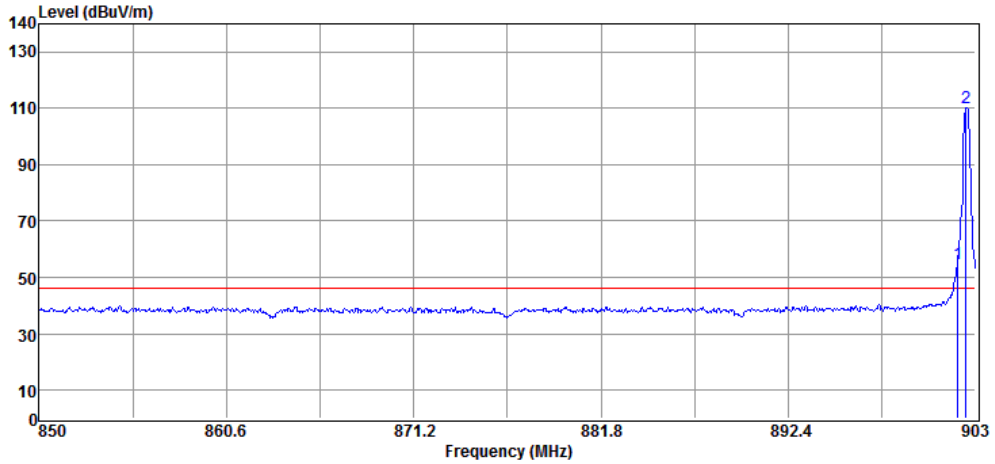

| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 926.89 | 120.09 | 1.42 | 121.51 | F | -- | Peak | HORIZONTAL |
| 2 | 928.00 | 55.31 | 1.44 | 56.75 | 101.51 | -44.76 | Peak | HORIZONTAL |
| 3 | 960.00 | 32.66 | 1.84 | 34.50 | 46.00 | -11.50 | Peak | HORIZONTAL |

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Bandedge Low ch 025 Tested by : Barry Lee



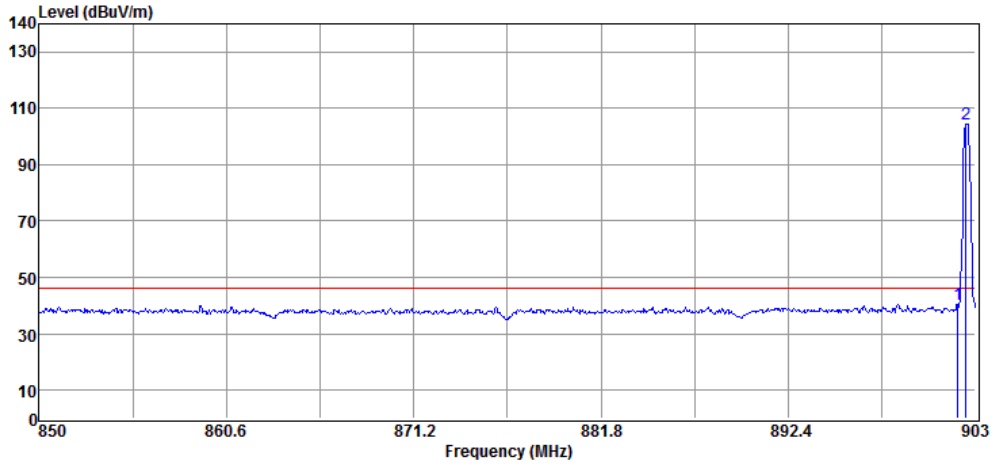

| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 902.00 | 53.75 | 0.87 | 54.62 | 89.96 | -35.34 | Peak | VERTICAL |
| 2 | 902.47 | 109.07 | 0.89 | 109.96 | F | -- | Peak | VERTICAL |

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Bandedge Low ch 025 Tested by : Barry Lee



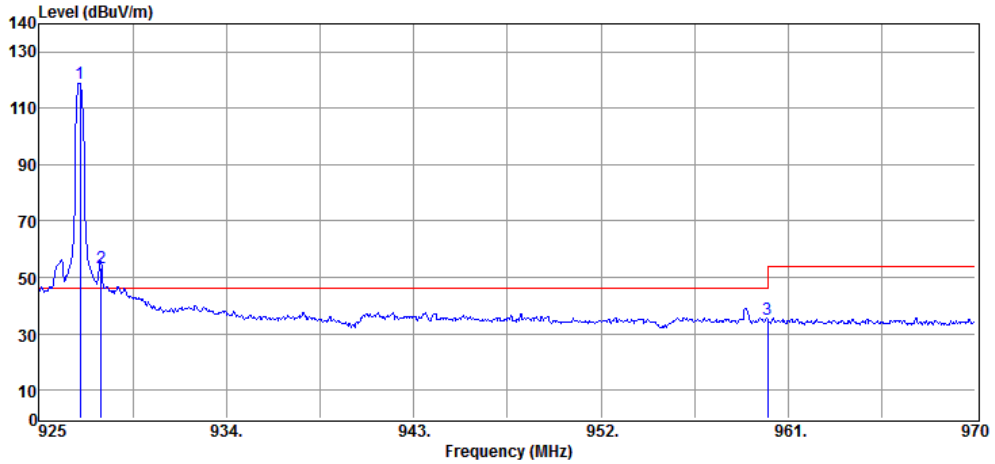

| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 902.00 | 39.72 | 0.87 | 40.59 | 84.27 | -43.68 | Peak | HORIZONTAL |
| 2 | 902.47 | 103.38 | 0.89 | 104.27 | F | -- | Peak | HORIZONTAL |

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Bandedge High ch 025 Tested by : Barry Lee




| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 926.98 | 117.29 | 1.42 | 118.71 | F | -- | Peak | VERTICAL |
| 2 | 928.00 | 52.18 | 1.44 | 53.62 | 98.71 | -45.09 | Peak | VERTICAL |
| 3 | 960.00 | 33.37 | 1.84 | 35.21 | 46.00 | -10.79 | Peak | VERTICAL |

Note: "F" denotes fundamental frequency.

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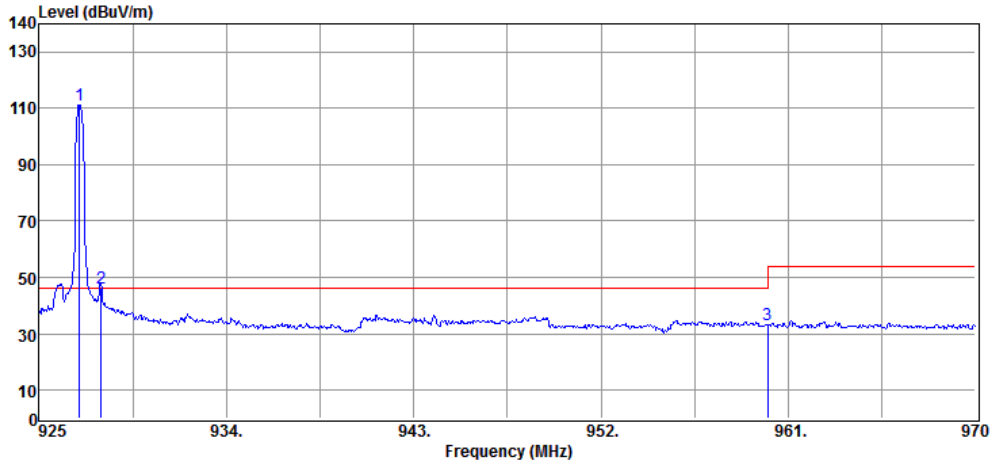
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Bandedge High ch 025 Tested by : Barry Lee



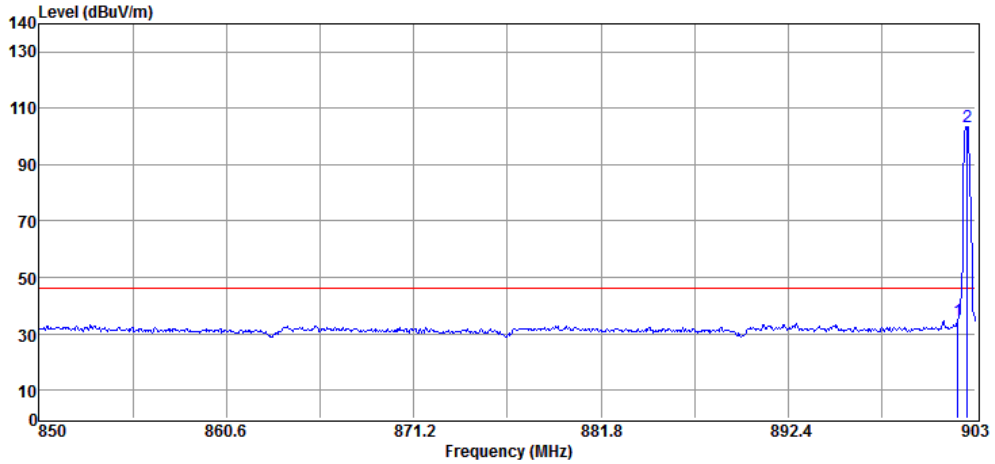

| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 926.94 | 109.60 | 1.42 | 111.02 | F | -- | Peak | HORIZONTAL |
| 2 | 928.00 | 44.88 | 1.44 | 46.32 | 91.02 | -44.7 | Peak | HORIZONTAL |
| 3 | 960.00 | 31.29 | 1.84 | 33.13 | 46.00 | -12.87 | Peak | HORIZONTAL |

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Bandedge Low ch Chip Tested by : Barry Lee



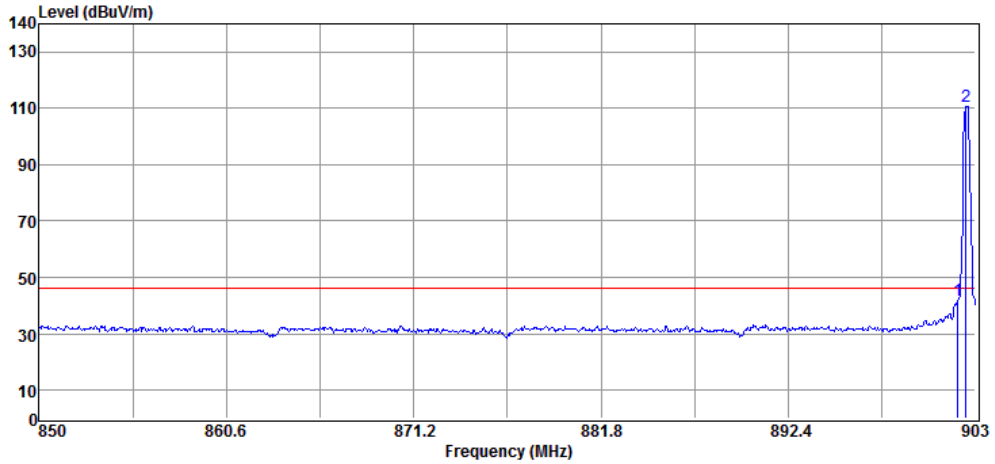

| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 902.00 | 33.55 | 0.87 | 34.42 | 83.62 | -49.2 | Peak | VERTICAL |
| 2 | 902.52 | 102.73 | 0.89 | 103.62 | F | -- | Peak | VERTICAL |

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Bandedge Low ch Chip Tested by : Barry Lee




| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 902.00 | 40.78 | 0.87 | 41.65 | 90.64 | -48.99 | Peak | HORIZONTAL |
| 2 | 902.47 | 109.75 | 0.89 | 110.64 | F | -- | Peak | HORIZONTAL |

Note: "F" denotes fundamental frequency.

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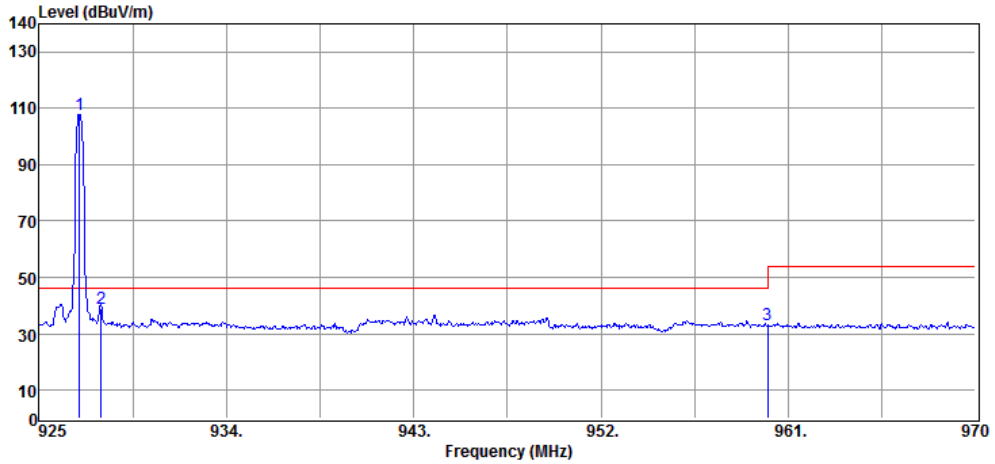
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Bandedge High ch Chip Tested by : Barry Lee



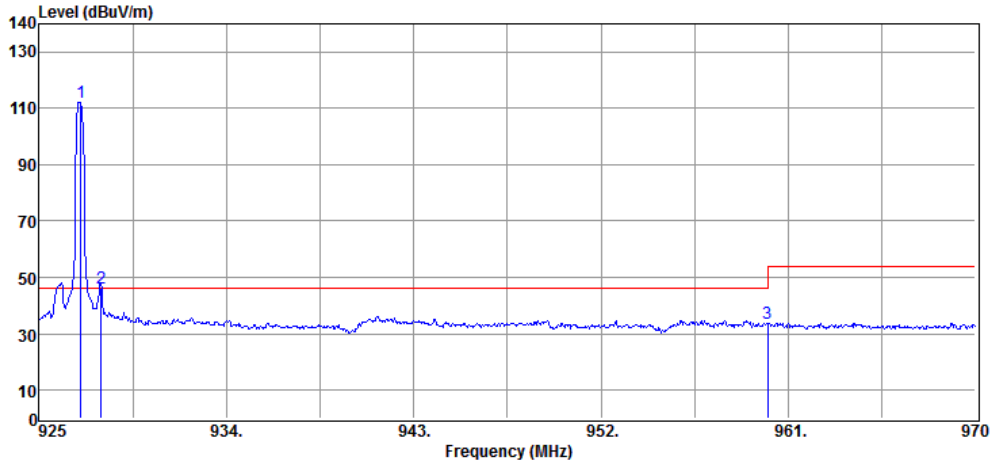

| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 926.94 | 106.18 | 1.42 | 107.60 | F | -- | Peak | VERTICAL |
| 2 | 928.00 | 37.69 | 1.44 | 39.13 | 87.6 | -48.47 | Peak | VERTICAL |
| 3 | 960.00 | 31.46 | 1.84 | 33.30 | 46.00 | -12.70 | Peak | VERTICAL |

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Bandedge High ch Chip Tested by : Barry Lee

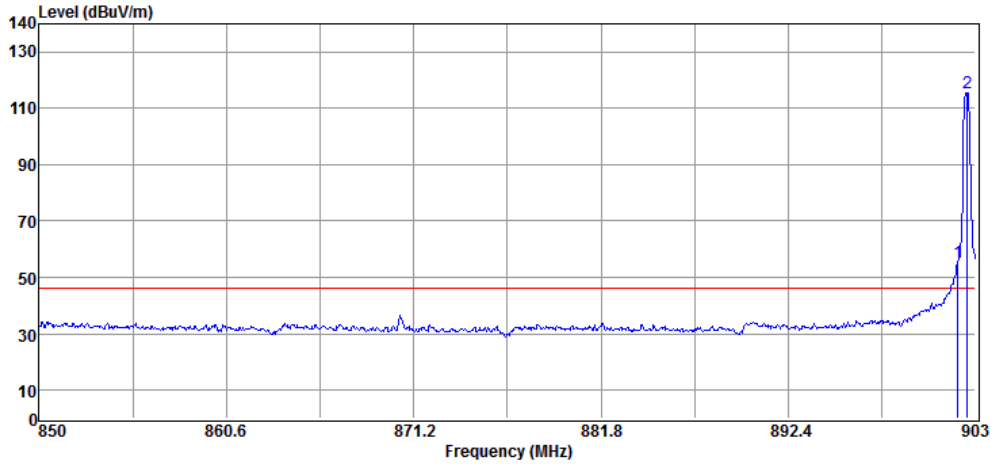



| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 927.03 | 110.90 | 1.42 | 112.32 | F | -- | Peak | HORIZONTAL |
| 2 | 928.00 | 44.86 | 1.44 | 46.30 | 92.32 | -46.02 | Peak | HORIZONTAL |
| 3 | 960.00 | 31.87 | 1.84 | 33.71 | 46.00 | -12.29 | Peak | HORIZONTAL |

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan
Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Bandedge Low ch 030 Tested by : Barry Lee



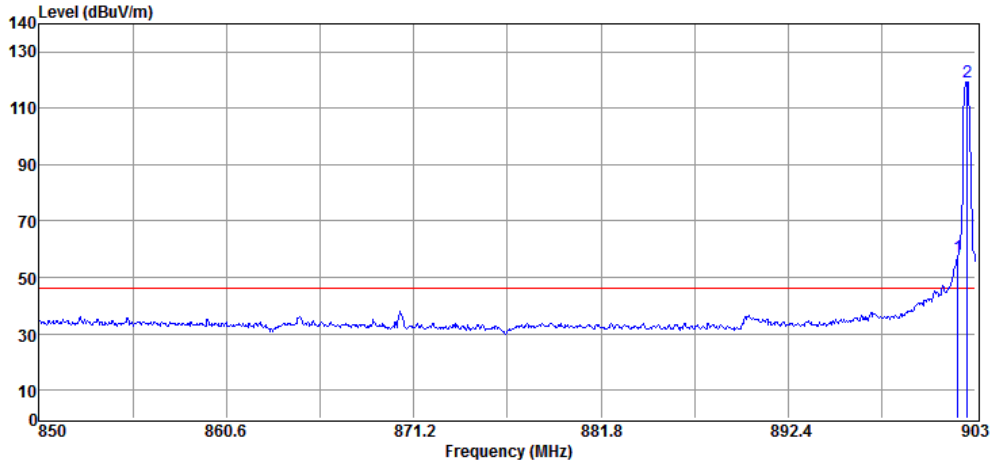

| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 902.00 | 54.64 | 0.87 | 55.51 | 95.68 | -40.17 | Peak | VERTICAL |
| 2 | 902.52 | 114.79 | 0.89 | 115.68 | F | -- | Peak | VERTICAL |

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Bandedge Low ch 030 Tested by : Barry Lee



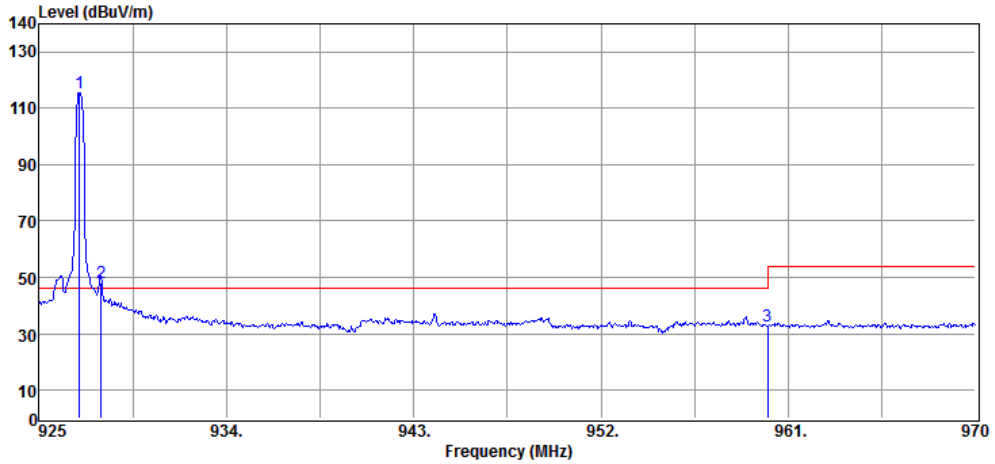

| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 902.00 | 56.29 | 0.87 | 57.16 | 99.21 | -42.05 | Peak | HORIZONTAL |
| 2 | 902.52 | 118.32 | 0.89 | 119.21 | F | -- | Peak | HORIZONTAL |

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Bandedge High ch 030 Tested by : Barry Lee



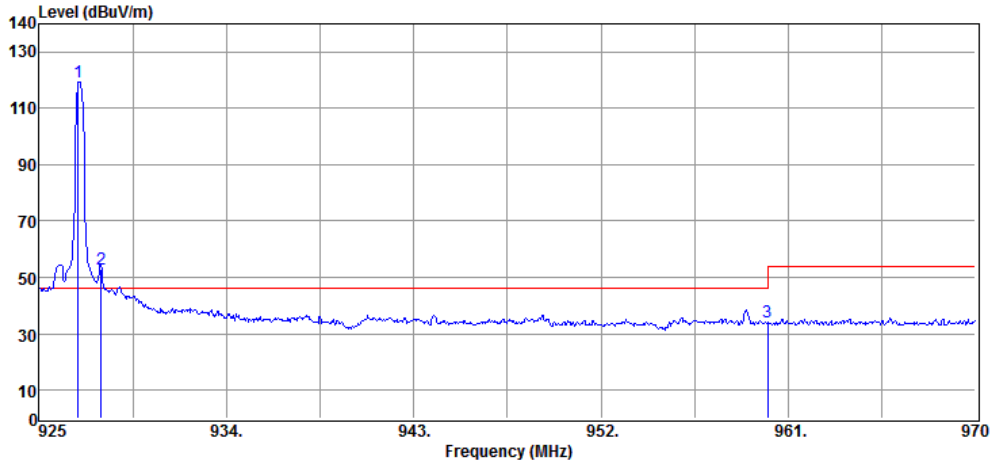

| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 926.94 | 113.83 | 1.42 | 115.25 | F | -- | Peak | VERTICAL |
| 2 | 928.00 | 46.90 | 1.44 | 48.34 | 95.25 | -46.91 | Peak | VERTICAL |
| 3 | 960.00 | 30.78 | 1.84 | 32.62 | 46.00 | -13.38 | Peak | VERTICAL |

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Bandedge High ch 030 Tested by : Barry Lee



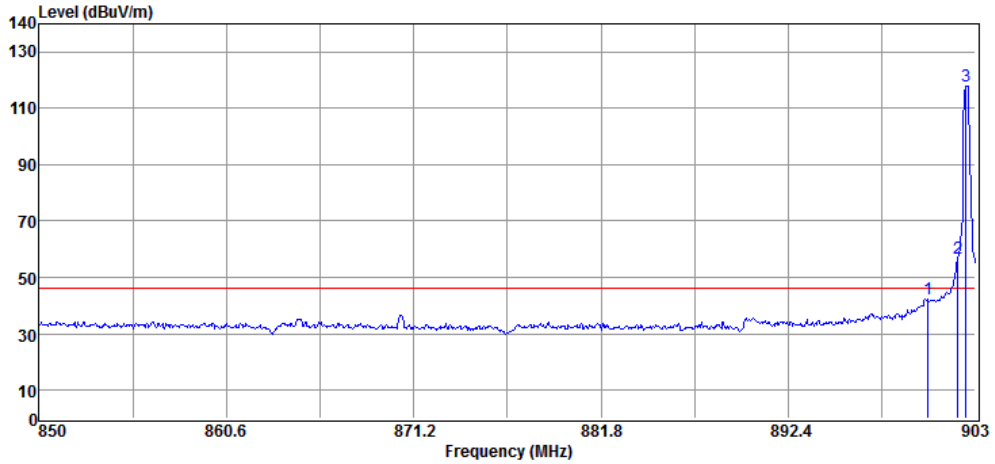

| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 926.89 | 117.86 | 1.42 | 119.28 | F | -- | Peak | HORIZONTAL |
| 2 | 928.00 | 51.53 | 1.44 | 52.97 | 99.28 | -46.31 | Peak | HORIZONTAL |
| 3 | 960.00 | 32.28 | 1.84 | 34.12 | 46.00 | -11.88 | Peak | HORIZONTAL |

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Bandedge Low ch 60cm Tested by : Barry Lee



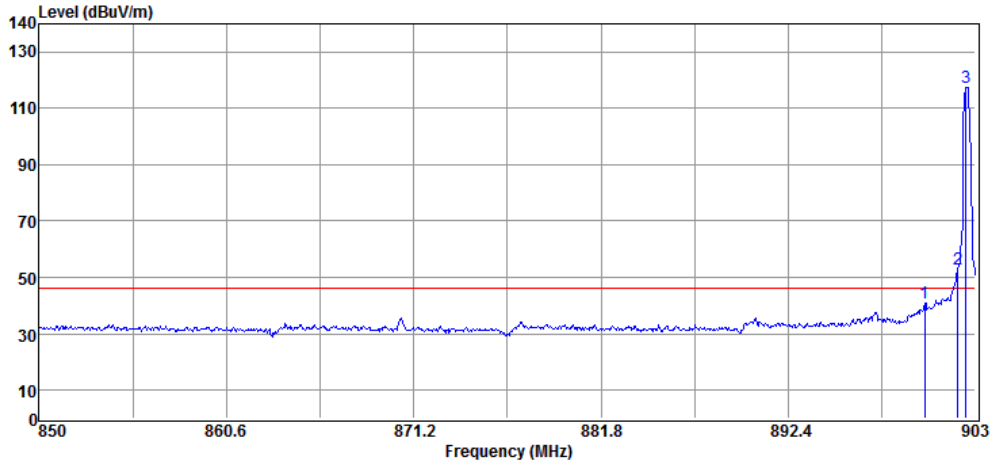

| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 900.30 | 41.43 | 0.84 | 42.27 | 46.00 | -3.73 | Peak | VERTICAL |
| 2 | 902.00 | 55.98 | 0.87 | 56.85 | 97.88 | -41.03 | Peak | VERTICAL |
| 3 | 902.47 | 116.99 | 0.89 | 117.88 | F | -- | Peak | VERTICAL |

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Bandedge Low ch 60cm Tested by : Barry Lee



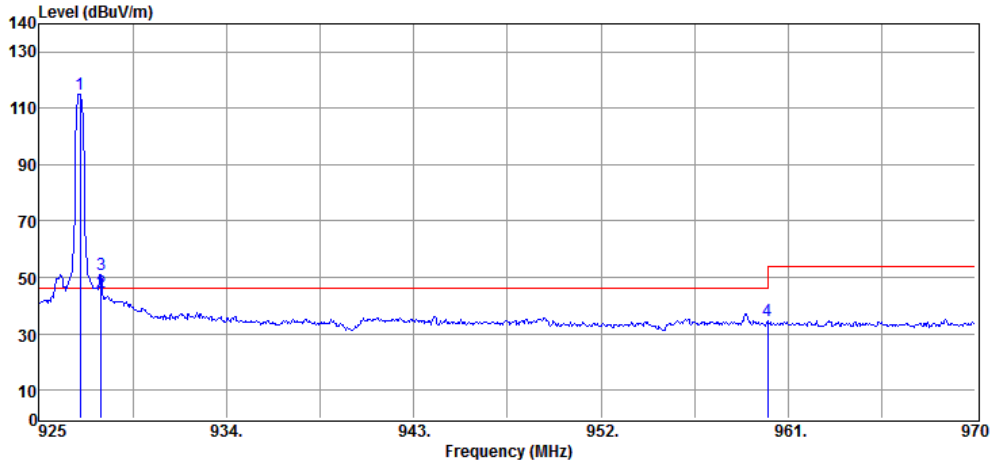

| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 900.14 | 40.09 | 0.83 | 40.92 | 46.00 | -5.08 | Peak | HORIZONTAL |
| 2 | 902.00 | 51.98 | 0.87 | 52.85 | 97.24 | -44.39 | Peak | HORIZONTAL |
| 3 | 902.47 | 116.35 | 0.89 | 117.24 | F | -- | Peak | HORIZONTAL |

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Bandedge High ch 60cm Tested by : Barry Lee



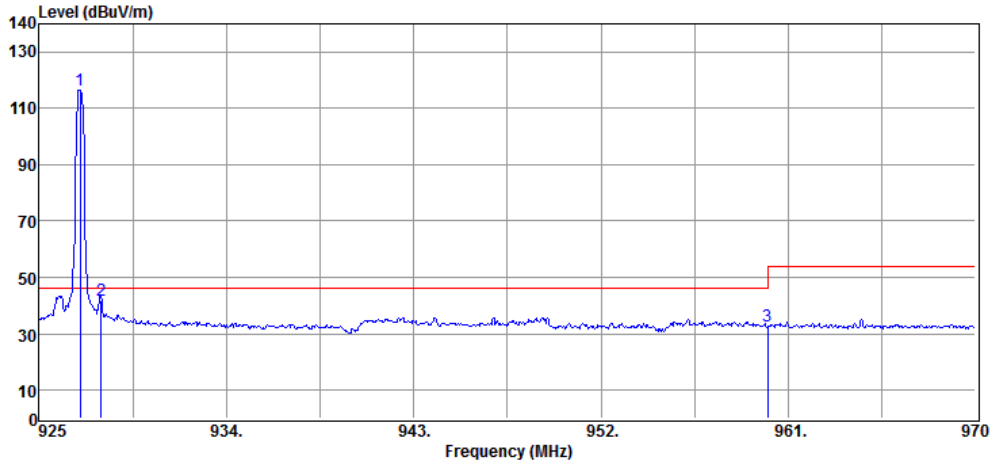

| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 926.98 | 113.45 | 1.42 | 114.87 | F | -- | Peak | VERTICAL |
| 2 | 927.97 | 43.26 | 1.44 | 44.70 | 46.00 | -1.30 | Average | VERTICAL |
| 3 | 928.00 | 49.56 | 1.44 | 51.00 | 94.87 | -43.87 | Peak | VERTICAL |
| 4 | 960.00 | 32.60 | 1.84 | 34.44 | 46.00 | -11.56 | Peak | VERTICAL |

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2025-08-21

Project Number. : 25LR0122 Temp.(℃)/RH(%) : 24/62
Test Mode : Bandedge High ch 60cm Tested by : Barry Lee




| No | Freq MHz | Reading dBuV | Factor dB/m | Level dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol V/H |
|---|---|---|---|---|---|---|---|---|
| 1 | 926.98 | 115.22 | 1.42 | 116.64 | F | -- | Peak | HORIZONTAL |
| 2 | 928.00 | 40.61 | 1.44 | 42.05 | 96.64 | -54.59 | Peak | HORIZONTAL |
| 3 | 960.00 | 30.77 | 1.84 | 32.61 | 46.00 | -13.39 | Peak | HORIZONTAL |

Note: "F" denotes fundamental frequency.

# 8. 20dB Bandwidth

## 8.1 Standard Applicable

According to §15.247(a)(1) for frequency hopping systems operating in the 902MHz-927.5MHz no limit for 20dB bandwidth.

## 8.2 Measurement Procedure

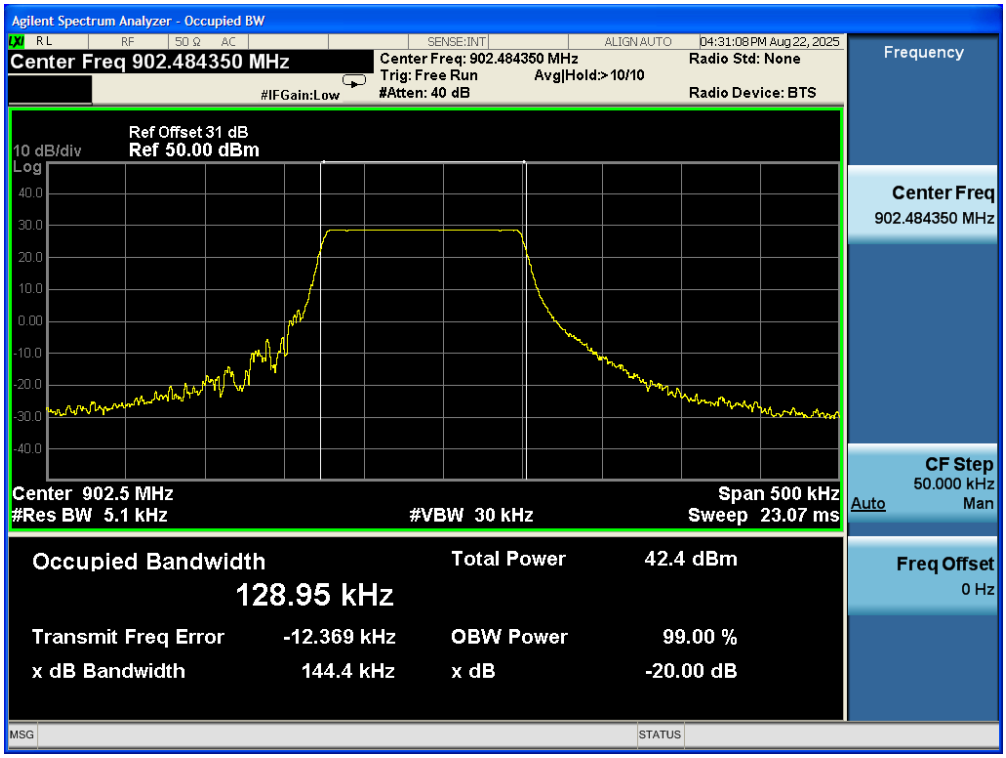
1. Place the EUT on the table and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
3. Set the spectrum analyzer as RBW= 1 % - 5% of Bandwidth., Span= 500kHz, Sweep=auto
4. Mark the peak frequency and –20dB (upper and lower) frequency and 99%.
5. Repeat above procedures until all frequency measured were complete.

## 8.3 Measurement Result

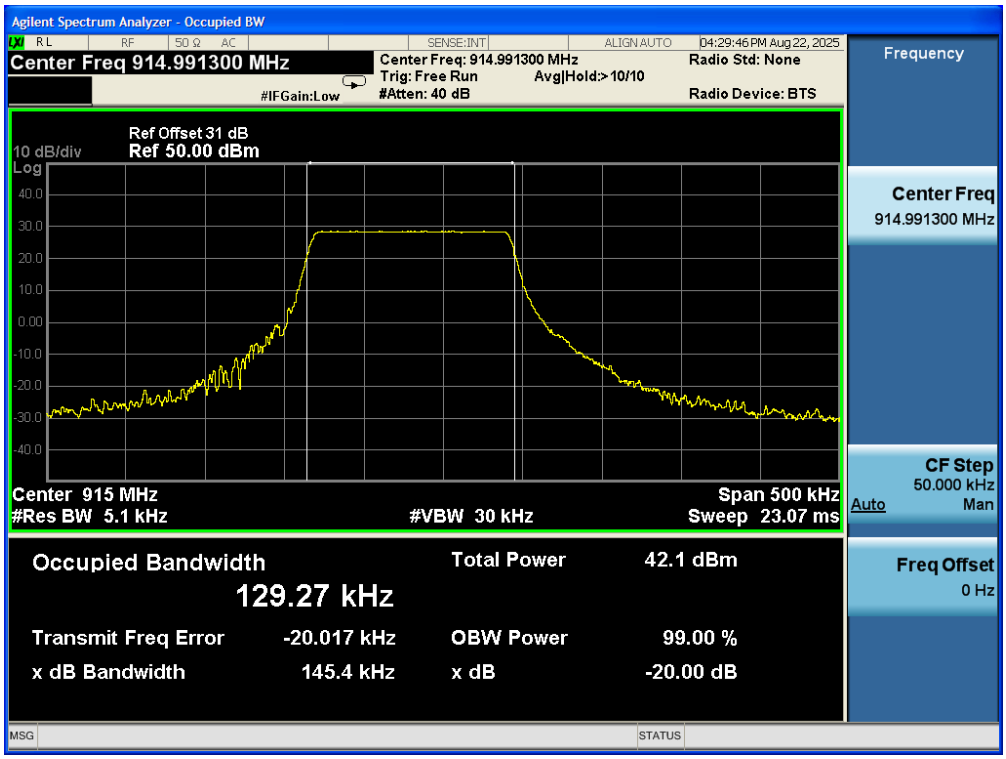
Lora Mode

| CH | 20dB Bandwidth (MHz) |
|---|---|
| Low | 0.144 |
| Mid | 0.145 |
| High | 0.147 |

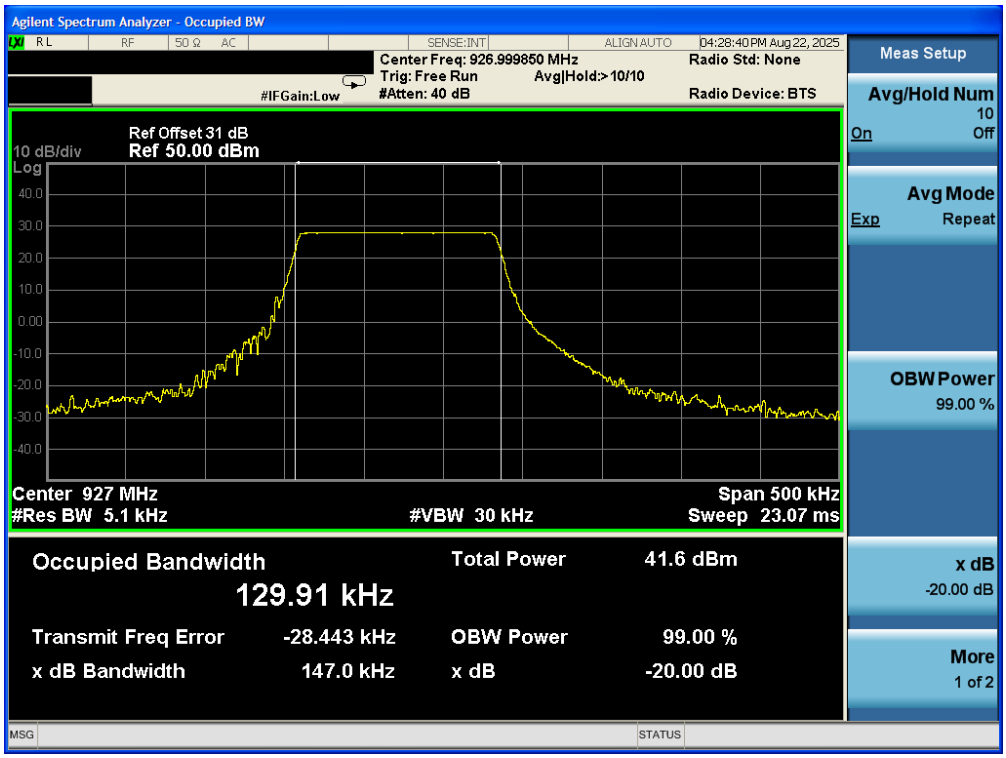
Test Data: 902.5MHz




Test Data: 915MHz



Test Data: 927MHz



# 9. Frequency Separation

## 9.1 Standard Applicable

According to FCC 15.247 (a)(1)
Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel.

For frequency hopping systems operating in the 902-928 MHz band: if the 20 dB bandwidth of the hopping channel is less than 250 kHz, the system shall use at least 50 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 20 second period; if the 20 dB bandwidth of the hopping channel is 250 kHz or greater, the system shall use at least 25 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 10 second period. The maximum allowed 20 dB bandwidth of the hopping channel is 500 kHz.

## 9.2 Measurement Procedure

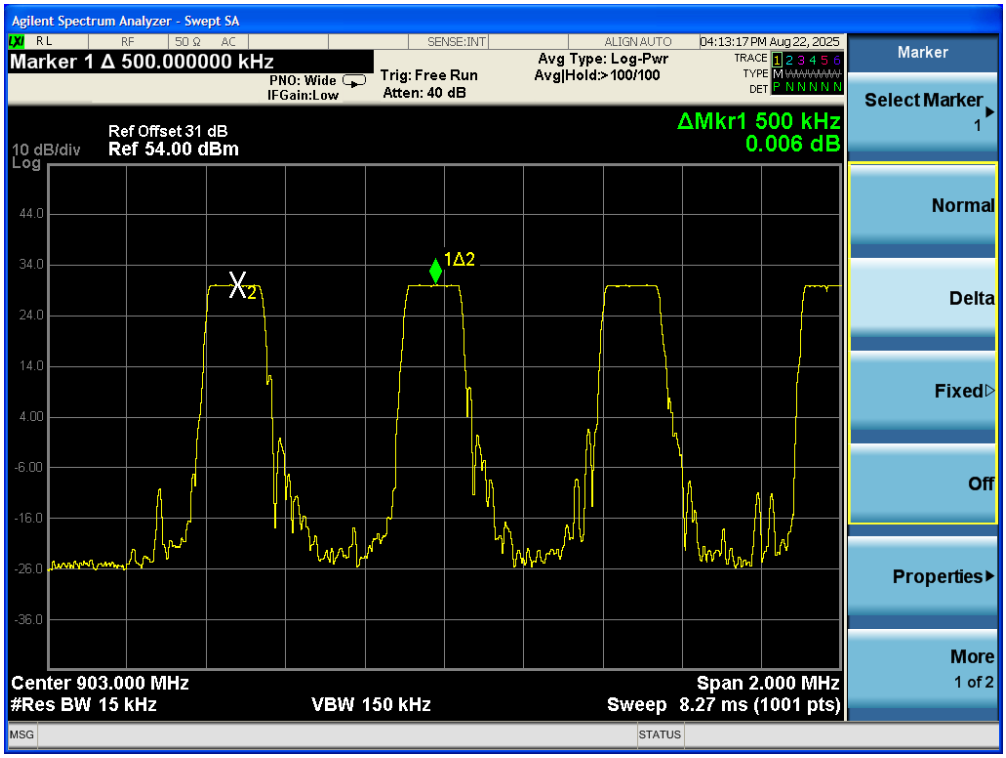
The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:

1. Span: Wide enough to capture the peaks of two adjacent channels.
2. RBW: Start with the RBW set to approximately 10% of the channel spacing; adjust as necessary to best identify the center of each individual channel.
3. VBW≥RBW, Sweep: Auto.
4. Detector function: Peak.
5. Trace: Max hold.
6. Allow the trace to stabilize.
7. Use the marker-delta function to determine the separation between the peaks of the adjacent channels.

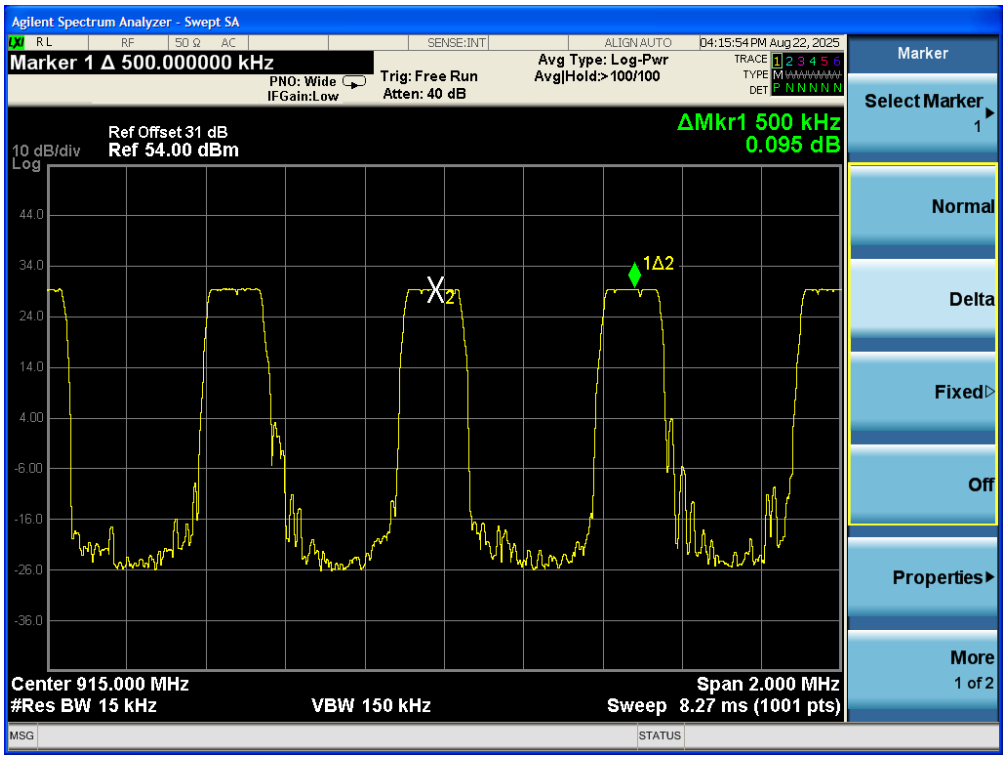
## 9.3 Measurement Result

| Channel separation (MHz) | Limit | Result |
|---|---|---|
| 0.5 | ≥ 25kHz or 2/3 of the 20dB bandwidth (whichever is greater) | PASS |

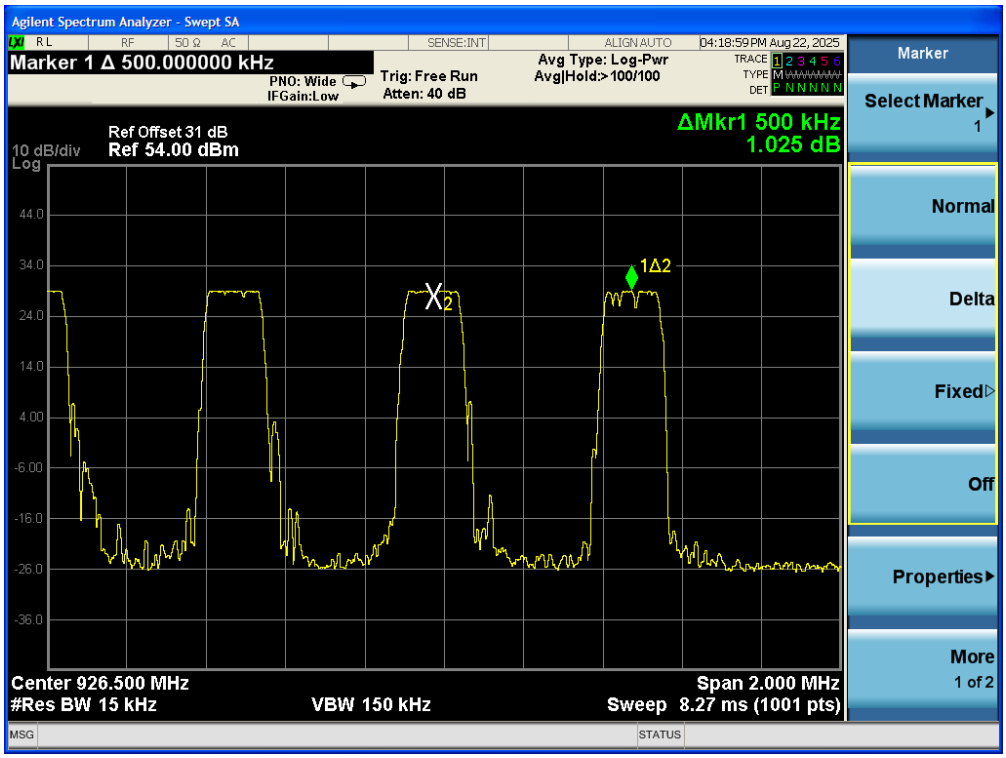
Test Data: 902.5MHz




Test Data: 915MHz



Test Data: 927MHz



# 10. Number of Hopping Frequency

## 10.1 Standard Applicable

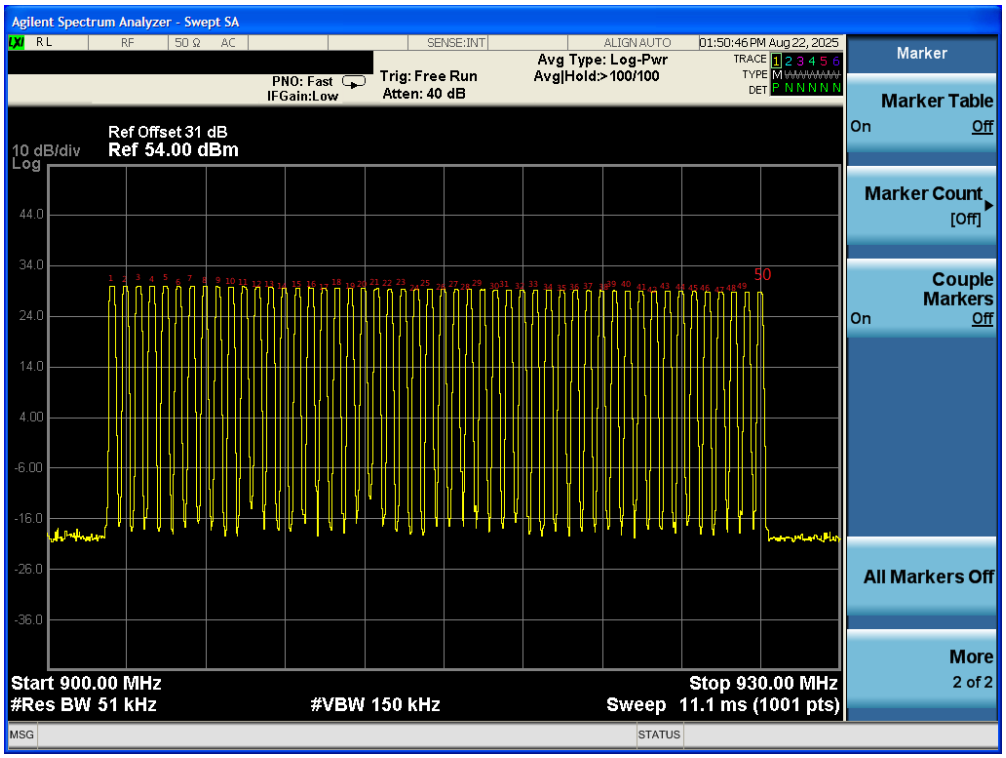
According to §15.247(a)(1)(i), Frequency hopping systems operating in the 902.5MHz-927 MHz bands shall use at least 15 hopping frequencies.

## 10.2 Measurement Procedure

1. Set the EUT in hopping mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
3. Set spectrum analyzer Start=900MHz, Stop = 930MHz, Sweep = auto.
4. Set the spectrum analyzer as RBW=51kHz, VBW=150kHz
5. Max hold, view and count how many channels in the band.

## 10.3 Measurement Result

Test Data: 1



# 11. Time of Occupancy (Dwell Time)

## 11.1 Standard Applicable

According to §15.247(a)(1)(i), Frequency hopping systems operating in the 920.5MHz-927 MHz band. The average time of occupancy on any frequency shall not greater than 0.4 s within period of 0.4 seconds multiplied by the number of hopping channels are employed.

## 11.2 Measurement Procedure

1. Set the EUT in hopping mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
3. Set center frequency of spectrum analyzer = operating frequency.
4. Set the spectrum analyzer as RBW=100kHz ,VBW =300kHz, Span = 0Hz, Adjust Sweep time to capture the entire dwell time per hopping channel.
5. Use the marker-delta function to determine the transmit time per hop.

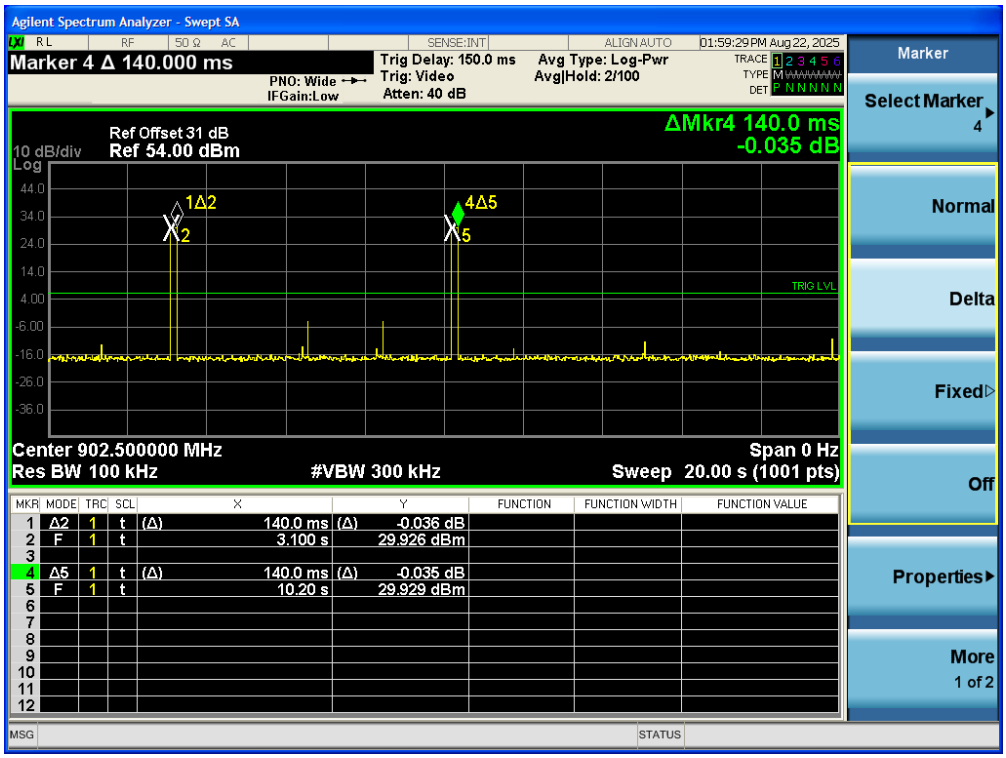
## 11.3 Measurement Result

A period time = 0.4 (s) * 79 = 20 (s)
CH Low = 280(ms)

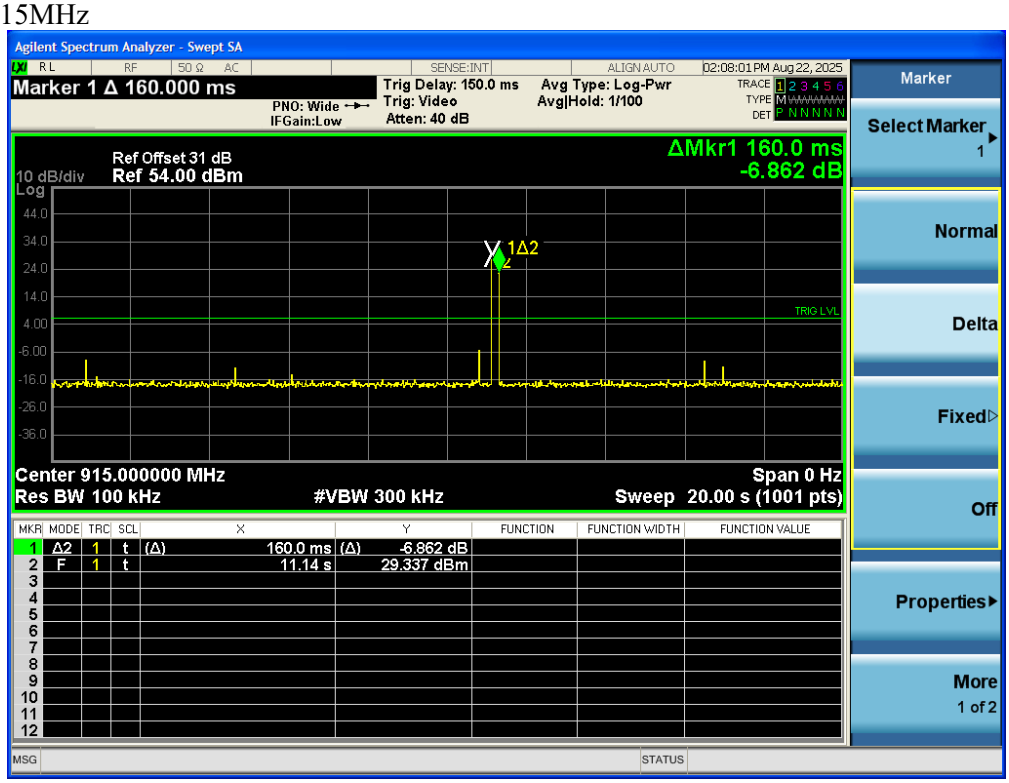
CH Mid = 160(ms)

CH High = 140(ms)

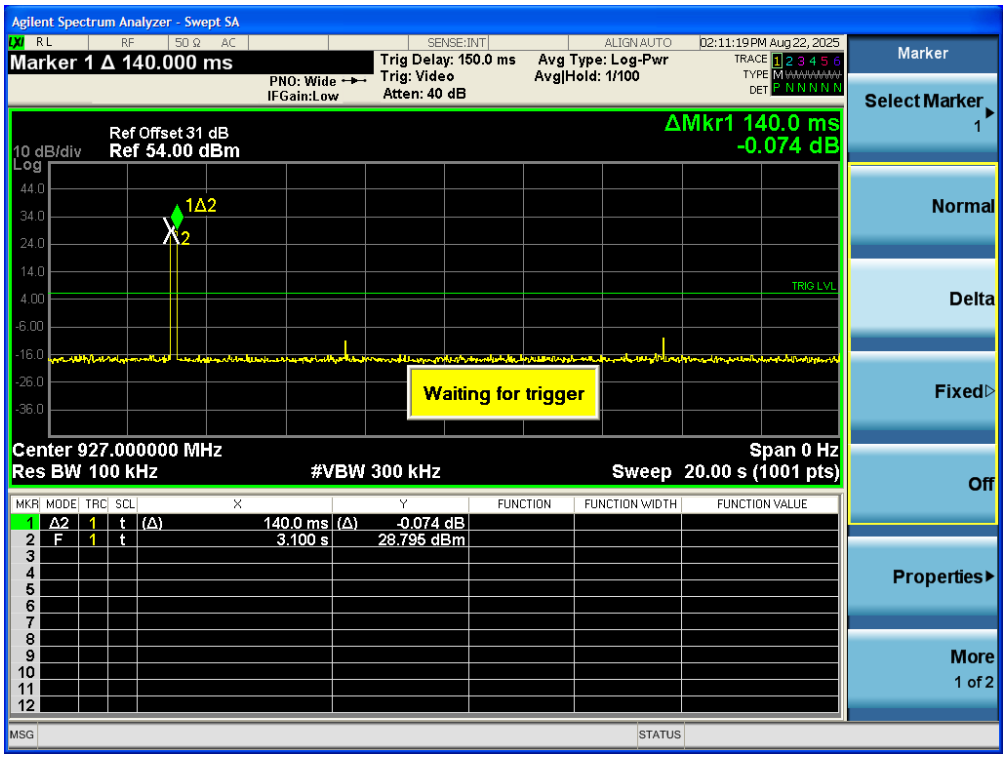
Test Data: 902.5MHz




Test Data: 915MHz



Test Data: 927MHz



# 12. Appendix

## 12.1 Appendix A: Equipment List

| Location | Equipment Name | Brand | Model | S/N | Last Cal. Date | Next Cal. Date |
|---|---|---|---|---|---|---|
| Conduction 03 | EMI Receiver_21 | R&S | ESR 3 | 103410 | 07/18/2025 | 07/18/2026 |
| Conduction 03 | Conduction03 Cable_01 | HUBER+SUHNER | RG 400/U | Conduction03 Cable _01 | 04/07/2025 | 04/07/2026 |
| Conduction 03 | LISN_19 | R&S | ENV216 | 101425 | 11/12/2024 | 11/12/2025 |
| Conduction 03 | LISN_22 | ROHDE & SCHWARZ | ENV216 | 101478 | 10/14/2024 | 10/14/2025 |
| Conduction 03 | ISN T8 CAT6A_03 | SCHWARZBECK | NTFM 8158 | NTFM 8158-00367 | 05/29/2025 | 05/29/2026 |
| Conduction 03 | ISN T4_06 | TESEQ | ISN T400A | 28574 | 09/12/2024 | 09/12/2025 |
| Conduction 03 | ISN T8_09 | TESEQ | ISN T800 | 36190 | 08/05/2025 | 08/05/2026 |
| Conduction 03 | CDN ISN ST08A_01 | TESEQ | CDN ISN ST08A | 43352 | 08/07/2025 | 08/07/2026 |
| Conduction 03 | Capacitive Voltage Probe_01 | SCHAFFNER | CVP 2200A | 18711 | 01/23/2025 | 01/23/2026 |
| Conduction 03 | Current Probe_01 | SCHAFFNER | SMZ 11 | 18030 | 01/15/2025 | 01/15/2026 |
| Conduction 03 (>16A) | LISN_24 | SCHWARZBECK | NNLK 8121 | 8121-829 | 06/27/2025 | 06/27/2026 |
| Conduction 03 (EN_IEC_55014-1) | Absorber Clamp_ 02 | R&S | MDS-21 | 100439 | 05/22/2025 | 05/22/2026 |
| Conduction 03 (EN_IEC_55014-1) | High Voltage Probe_01 | SCHWARZBECK | TK 9420 | TK 9420-796 | 08/02/2024 | 08/02/2026 |
| Conduction 03 | EMI Receiver_21 | R&S | ESR 3 | 103410 | 07/18/2025 | 07/18/2026 |

| Location Conducted | Equipment Name | Brand | Model | S/N | Last Cal. Date | Next Cal. Date |
|---|---|---|---|---|---|---|
| Chamber 19 | Spectrum Analyzer | R&S | FSV40 | 101919 | 07/22/2025 | 07/22/2026 |
| Chamber 19 | EMI Receiver | R&S | ESR3 | 102461 | 05/12/2025 | 05/12/2026 |
| Chamber 19 | Loop Antenna | EM | EM-6879 | 271 | 09/25/2024 | 09/25/2025 |
| Chamber 19 | Bilog Antenna (30MHz-1GHz) | Schwarzbeck | VULB9168 w 5dB Att. | 9168-736 | 04/21/2025 | 04/21/2026 |
| Chamber 19 | Horn antenna (1GHz-18GHz) | ETS・LINDGREN | 3117 | 00218718 | 10/04/2024 | 10/04/2025 |
| Chamber 19 | Horn antenna (18GHz-26GHz) | Com-power | AH-826 | 081001 | 11/28/2024 | 11/28/2025 |
| Chamber 19 | Horn antenna (26GHz-40GHz) | Com-power | AH-640 | 100A | 03/27/2025 | 03/27/2026 |
| Chamber 19 | Preamplifier (9kHz-3GHz) | EM | EM330 | 060822 | 04/22/2025 | 04/22/2026 |
| Chamber 19 | Preamplifier (1GHz-26GHz) | HP | 8449B | 3008A02471 | 10/23/2024 | 10/23/2025 |
| Chamber 19 | Preamplifier (26GHz-40GHz) | MITEQ | JS4-26004000-27-5A | 818471 | 05/06/2025 | 05/06/2026 |
| Chamber 19 | RF Cable (9kHz-26.5GHz) | Huber Suhner | Sucoflex 104A | MY1394/4A & 50886/4A | 07/17/2025 | 07/17/2026 |
| Chamber 19 | RF Cable (18GHz-40GHz) | HUBER SUHNER | Sucoflex 102 | 27963/2&37421/2 | 11/22/2024 | 11/22/2025 |
| Chamber 19 | MXG Vector Signal Generator | Keysight | N5182B | MY53052399 | 12/26/2023 | 12/26/2025 |
| Chamber 19 | Test Software | Audix | e3 Ver:6.120203 | N/A | N/A | N/A |

| Location Conducted | Equipment Name | Brand | Model | S/N | Last Cal. Date | Next Cal. Date |
|---|---|---|---|---|---|---|
| Conducted | Power Meter | Anritsu | ML2495A | 1116010 | 09/26/2024 | 09/26/2025 |
| Conducted | Power Sensor | Anritsu | MA2411B | 34NKF50 | 09/26/2024 | 09/26/2025 |
| Conducted | Temperature Chamber | KSON | THS-B4H100 | 2287 | 05/23/2025 | 05/23/2026 |
| Conducted | DC Power supply | ABM | 8185D | N/A | 12/27/2024 | 12/27/2025 |
| Conducted | AC Power supply | EXTECH | CFC105W | NA | N/A | N/A |
| Conducted | Spectrum analyzer | Keysight | N9010A | MY56070257 | 09/25/2024 | 09/25/2025 |
| Conducted | Test Software | DARE | Radiation Ver:2013.1.23 | NA | NA | NA |
| Conducted | Wideband Radio Comm. Tester | R&S | CMW500 | 1201.002K50108 793-JG | 10/26/2024 | 10/26/2025 |
| Conducted | Radio Communication Test Station | Anritsu | MT8000A | 6272539604 | 08/29/2024 | 08/29/2025 |
| Conducted | MT8000A Test Software | Anritsu | MX800000A Application Launcher V10.10.34.0 | NA | NA | NA |
| Conducted | BT Simulator | Agilent | N4010A | MY48100200 | NA | NA |
| Conducted | MXG Vector Signal Generator | Keysight | N5182B | MY53052399 | 12/26/2023 | 12/26/2025 |
| Conducted (TS8997) | Wideband Radio Comm. Tester | R&S | CMW500 | 168811 | 09/25/2024 | 09/25/2025 |
| Conducted (TS8997) | UP/DOWN converter | R&S | CMW-Z800A | 100566 | 09/25/2024 | 09/25/2025 |
| Conducted (TS8997) | Signal Generator | R&S | SMB100A | 183701 | 09/10/2024 | 09/10/2025 |
| Conducted (TS8997) | Vector Signal Generator | R&S | SMM100A | 101908 | 09/10/2024 | 09/10/2025 |
| Conducted (TS8997) | Signal analyzer 40GHz | R&S | FSV40 | 101884 | 09/11/2024 | 09/11/2025 |
| Conducted (TS8997) | OSP150 extension unit CAM-BUS | R&S | OSP150 | 101107 | 09/11/2024 | 09/11/2025 |
| Conducted (TS8997) | Test Software | R&S | EMC32 Ver: 12.00.00 | NA | NA | NA |

## 12.2 Appendix B: Uncertainty of Measurement

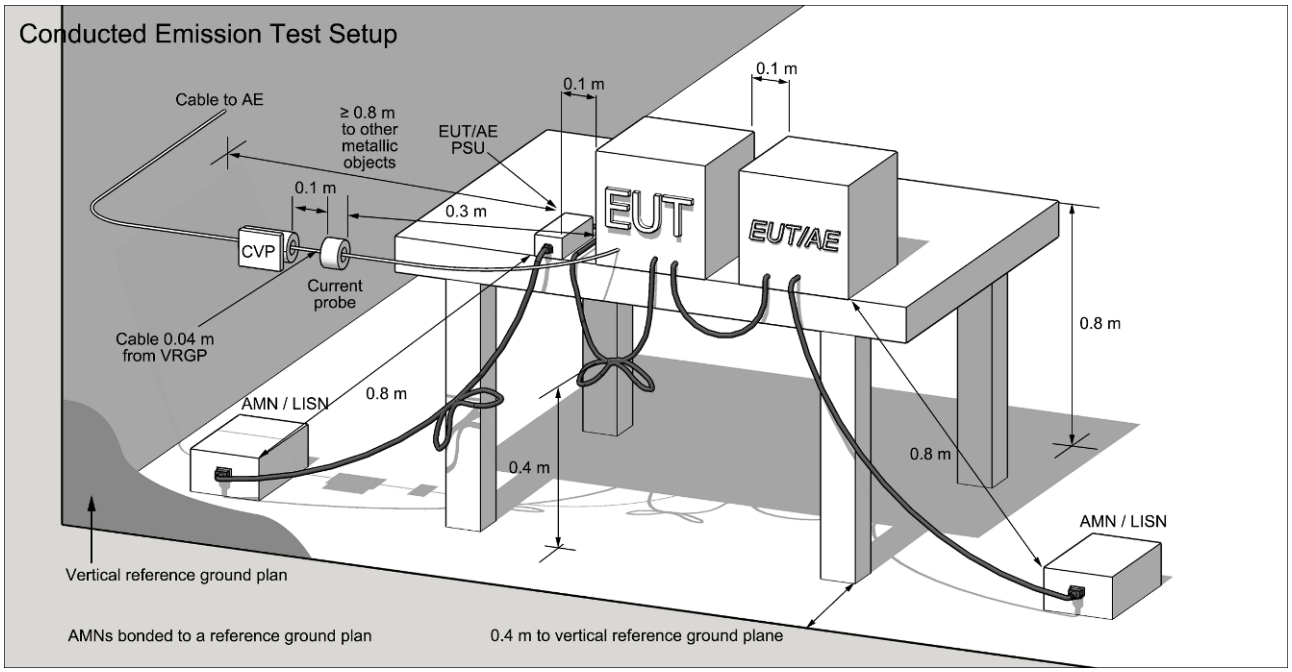
ISO/IEC 17025 requires that an estimate of measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)).

| Parameter | Uncertainty (k=2) |
|---|---|
| Conducted Emission (AC power line) | ± 1.6 dB |
| Spurious emissions, radiated | ± 4.8 dB |
| RF power, conducted | ± 2.2 dB |
| Power Density | ± 2.3 dB |
| RF Frequency | ± 1.5 % |
| DC Voltage | ± 2.2 % |

## 12.3 Appendix C: Test Setup

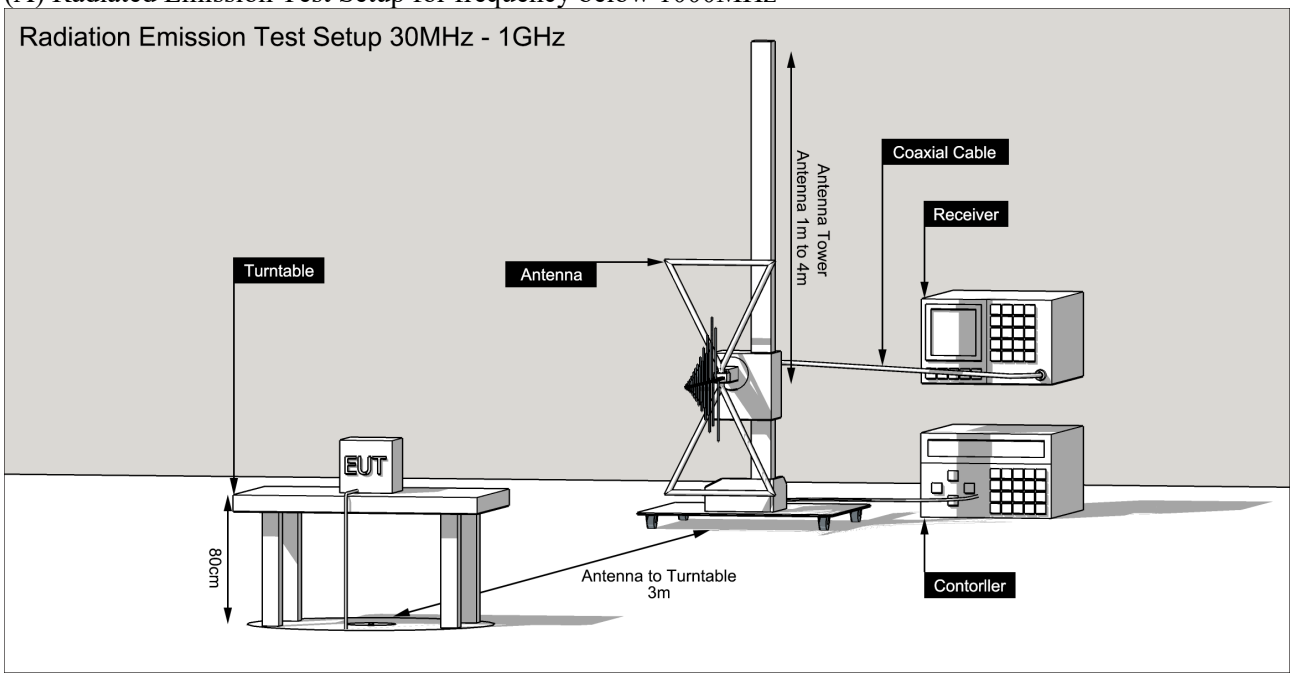
**AC Line Conduced Emission Test Setup**

1. The conducted emission tests were performed in the test site, using the setup in accordance with the ANSI C63.10-2013.
2. The AC/DC Power adaptor of EUT was plug-in LISN. The EUT was placed flushed with the rear of the table.
3. The LISN was connected with 120Vac/60Hz power source.

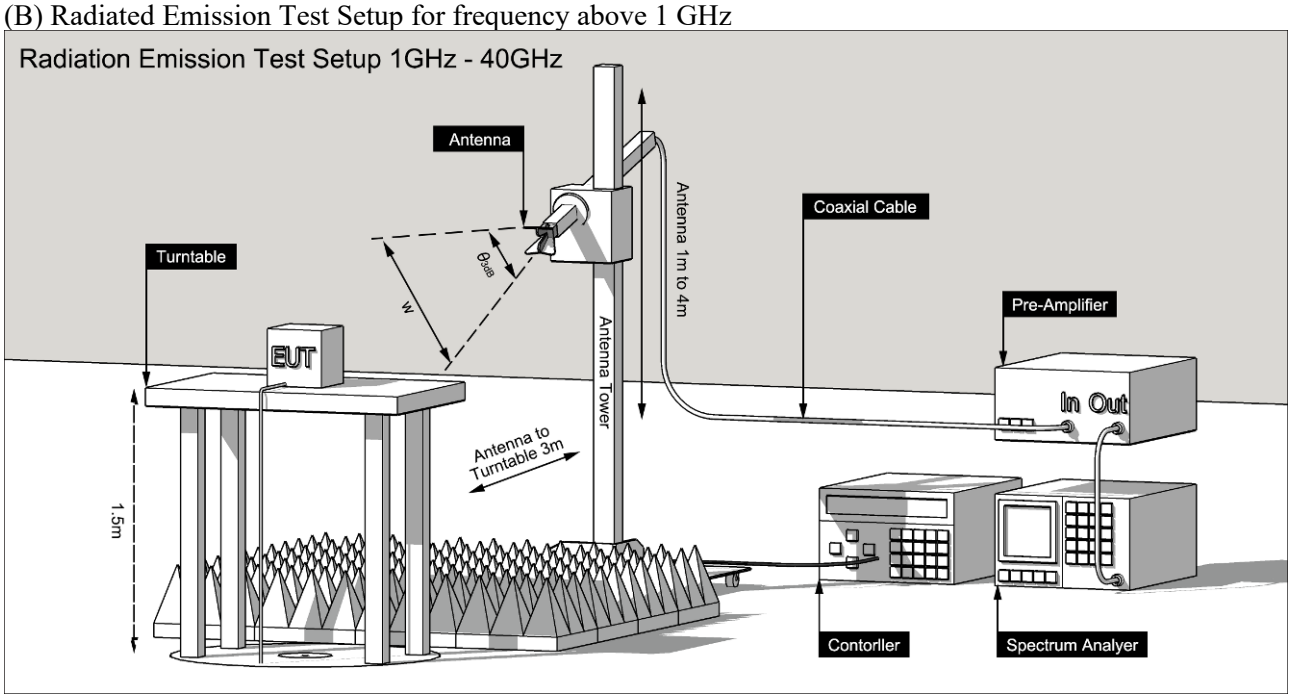


**Radiated Spurious Emission Test & 100kHz Bandwidth of Band Edges Measurement Test Setup**

(A) Radiated Emission Test Setup for frequency below 1000MHz




(B) Radiated Emission Test Setup for frequency above 1 GHz



**RF Conducted Measurement Test Setup**