

Partial FCC Test Report

Report No.: RFBHAA-WTW-P21080670A-2 R3

FCC ID: UJH-R1LOW

Model: R1LOW (refer to item 3.1 for more details)

Received Date: Aug. 15, 2022

Test Date: Aug. 15 ~ Aug. 16, 2022 (For Radiated Emission Test (Below 1GHz): high channel)

Jan. 12 ~ Jan. 19, 2023 (For Radiated Emission Test (Below 1GHz): low & middle channel and Radiated Emission Test (Above 1GHz))

Issued Date: Feb. 03, 2023

Applicant: Mitsubishi Electric Corporation Sanda Works

Address: 2-3-33 Miwa, Sanda-City, Hyogo 669-1513, Japan

Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Lin Kou Laboratories

Lab Address: No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan

Test Location: No. 70, Wenming Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)

**FCC Registration /
Designation Number:** 281270 / TW0032



This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Table of Contents

| | |
|--|-----------|
| Release Control Record | 3 |
| 1 Certificate of Conformity | 4 |
| 2 Summary of Test Results | 5 |
| 2.1 Measurement Uncertainty..... | 5 |
| 2.2 Modification Record..... | 5 |
| 3 General Information | 6 |
| 3.1 General Description of EUT..... | 6 |
| 3.2 Description of Test Modes..... | 7 |
| 3.2.1 Test Mode Applicability and Tested Channel Detail..... | 8 |
| 3.3 Description of Support Units..... | 9 |
| 3.3.1 Configuration of System under Test..... | 9 |
| 3.4 General Description of Applied Standards and References..... | 9 |
| 4 Test Types and Results | 10 |
| 4.1 Radiated Emission and Bandedge Measurement..... | 10 |
| 4.1.1 Limits of Radiated Emission and Bandedge Measurement..... | 10 |
| 4.1.2 Test Instruments..... | 11 |
| 4.1.3 Test Procedures..... | 12 |
| 4.1.4 Deviation from Test Standard..... | 12 |
| 4.1.5 Test Setup..... | 13 |
| 4.1.6 EUT Operating Conditions..... | 13 |
| 4.1.7 Test Results..... | 14 |
| 5 Pictures of Test Arrangements | 38 |
| Annex A - Band Edge Measurement | 39 |
| Appendix – Information of the Testing Laboratories | 42 |

Release Control Record

| Issue No. | Description | Date Issued |
|----------------------------|---|---------------|
| RFBHAA-WTW-P21080670A-2 | Original release | Sep. 29, 2022 |
| RFBHAA-WTW-P21080670A-2 R1 | Remove some sample No. | Nov. 02, 2022 |
| RFBHAA-WTW-P21080670A-2 R2 | Add Radiated Emission Test (Below 1GHz) test data of low & middle channel | Jan. 19, 2023 |
| RFBHAA-WTW-P21080670A-2 R3 | Add Radiated Emission Test (Above 1GHz) test data | Feb. 03, 2023 |

1 Certificate of Conformity

Product: Display Audio

Brand: Mitsubishi Electric

Model: R1LOW (refer to item 3.1 for more details)

Sample Status: Mass production equivalent (#49, #51, #35)

Applicant: Mitsubishi Electric Corporation Sanda Works

Test Date: Aug. 15 ~ Aug. 16, 2022 (For Radiated Emission Test (Below 1GHz): high channel)
Jan. 12 ~ Jan. 19, 2023 (For Radiated Emission Test (Below 1GHz): low & middle channel and Radiated Emission Test (Above 1GHz))

Standards: 47 CFR FCC Part 15, Subpart C (Section 15.247)
ANSI C63.10:2013

This report is issued as a supplementary report of RFBHAA-WTW-P21080670-3 R1. This report shall be used combined together with its original report.

Prepared by : Pettie Chen, **Date:** Feb. 03, 2023
Pettie Chen / Senior Specialist

Approved by : Jeremy Lin, **Date:** Feb. 03, 2023
Jeremy Lin / Senior Engineer

Note: Radiated Emissions test is performed for the addendum. Refer to original report for the other test data.

2 Summary of Test Results

| 47 CFR FCC Part 15, Subpart C (Section 15.247) | | | |
|--|--|--------|--|
| FCC Clause | Test Item | Result | Remarks |
| 15.205 / 15.209 / 15.247(d) | Radiated Emissions and Band Edge Measurement | Pass | Meet the requirement of limit. Minimum passing margin is -2.6dB at 400.54MHz. |

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

| Measurement | Frequency | Expanded Uncertainty (k=2) (\pm) |
|--------------------------------|------------------|--------------------------------------|
| Radiated Emissions up to 1 GHz | 9kHz ~ 30MHz | 3.00 dB |
| | 30MHz ~ 200MHz | 2.91 dB |
| | 200MHz ~ 1000MHz | 2.93 dB |
| Radiated Emissions above 1 GHz | 1GHz ~ 18GHz | 1.76 dB |
| | 18GHz ~ 40GHz | 1.77 dB |

2.2 Modification Record

There were no modifications required for compliance.

3 General Information

3.1 General Description of EUT

| | |
|-----------------------|---|
| Product | Display Audio |
| Brand | Mitsubishi Electric |
| Test Model | R1LOW (refer to note for more details) |
| Sample Status | Mass production equivalent (#49, #51, #35) |
| Nominal Voltage | 12.6Vdc |
| Modulation Type | GFSK, $\pi/4$ -DQPSK, 8DPSK |
| Modulation Technology | FHSS |
| Transfer Rate | 1/2/3Mbps |
| Operating Frequency | 2402~2480MHz |
| Number of Channel | 79 |
| Output Power | 0.832mW |
| Antenna Type | Refer to note |
| Antenna Connector | Refer to note |
| Accessory Device | 2m non-shielded DC power cable without core |
| Cable Supplied | NA |

Note:

1. This report is prepared for FCC class II permissive change. This report is issued as a supplementary report to the original BV CPS report no.: RFBHAA-WTW-P21080670-3 R1. The differences are adding 8.4" LCD Driver IC and adding series model (No. 49, No. 51). Only radiated emission test for new models were performed for this addendum.
2. The following models with different panel size are provided to this EUT. (New models are marked in boldface)

| Brand | Model | Description | Main LCD Driver IC | 2 nd LCD Driver IC |
|---------------------|----------------------------------|---|--------------------|-------------------------------|
| Mitsubishi Electric | R1LOW | No. 12 (7" ICS Panel), 16GB | ✓ | |
| | | No. 45 (7"n-ICS Panel) | ✓ | |
| | | No. 35 (8.4" AWS Panel and Sirius(GPS)) | ✓ | ✓ |
| | | No. 38 (8.4" AWS Panel and DAB/FM2) | ✓ | ✓ |
| | | No. 13 (8.4" ICS Panel), 32GB | ✓ | ✓ |
| | | No. 36 (8.4" AWS Panel): 2USB | ✓ | ✓ |
| | | No. 14 (8.4" ICS Panel), 32GB | ✓ | ✓ |
| | | No. 40 (8.4" ICS Panel), 16GB | ✓ | ✓ |
| | | No. 42 (7" ICS w/Bezel Panel) | ✓ | |
| | | No. 61 (7"n-ICS Panel), 16GB, digital camera | ✓ | |
| | | No. 62 (8.4" ICS Panel), 32GB, digital camera | ✓ | ✓ |
| | | No. 49 (8.4" ICS-B): SXM, 2USB | ✓ | ✓ |
| | No. 51 (8.4" ICS-B): 2USB | ✓ | ✓ | |
| R1LOW-CN1 | No. 31 (8.4" AWS Panel) | ✓ | ✓ | |

3. There two modules are collocated in the EUT.

| Module No. | Function |
|------------|---------------------------------------|
| 1 | WLAN 2.4GHz, 5GHz, BT EDR, BT LE (1M) |
| 2 | BT LE (1M, 2M) |

4. The EUT uses following antennas.

| | | | | |
|-----------------|-------------------------|-----------|-----------|-----------|
| Type | Sheet metal antenna | | | |
| Connector | RF Receptacle Connector | | | |
| Model | 2342059-1 | | 2342059-2 | |
| Frequency (MHz) | 2400-2500 | 5150-5850 | 2400-2500 | 5150-5850 |
| Gain (dBi) | 3 | 2 | 1 | 4 |

5. The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

3.2 Description of Test Modes

79 channels are provided to this EUT:

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

3.2.1 Test Mode Applicability and Tested Channel Detail

| EUT CONFIGURE MODE | APPLICABLE TO | | DESCRIPTION |
|--------------------|---------------|-------|-------------|
| | RE \geq 1G | RE<1G | |
| A | √ | √ | EUT: No. 49 |
| B | √ | √ | EUT: No. 51 |
| C | √ | √ | EUT: No. 35 |

Where RE \geq 1G: Radiated Emission above 1GHz & Bandedge Measurement
 RE<1G: Radiated Emission below 1GHz

Radiated Emission Test (Above 1GHz):

- Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- Following channel(s) was (were) selected for the final test as listed below.

| EUT Configure Mode | Available Channel | Tested Channel | Modulation Technology | Modulation Type | Pakcet Type |
|--------------------|-------------------|----------------|-----------------------|-----------------|-------------|
| A, B, C | 0 to 78 | 0, 78 | FHSS | GFSK | DH5 |

Radiated Emission Test (Below 1GHz):

- Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- Following channel(s) was (were) selected for the final test as listed below.

| EUT Configure Mode | Available Channel | Tested Channel | Modulation Technology | Modulation Type | Pakcet Type |
|--------------------|-------------------|----------------|-----------------------|-----------------|-------------|
| A, B, C | 0 to 78 | 0, 39, 78 | FHSS | 8DPSK | 3DH5 |

Test Condition:

| Applicable to | Environmental Conditions | Input Power | Tested by |
|---------------|--------------------------|-------------|------------|
| RE \geq 1G | 25 deg. C, 71% RH | 12.6Vdc | Noah Chang |
| RE<1G | 25 deg. C, 71% RH | 12.6Vdc | Randy Wu |

3.3 Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

| ID | Product | Brand | Model No. | Serial No. | FCC ID | Remarks |
|----|---------------|-------|---------------|------------|--------|--------------------|
| A. | Battery | YUASA | 75D23R-CMF II | NA | NA | - |
| B. | Fixture Board | NA | NA | NA | NA | Provided by client |

Note:

1. All power cords of the above support units are non-shielded (1.8m).

| ID | Descriptions | Qty. | Length (m) | Shielding (Yes/No) | Cores (Qty.) | Remarks |
|----|----------------|------|------------|--------------------|--------------|--------------------|
| 1. | DC power cable | 1 | 2 | N | 0 | Accessory |
| 2. | USB cable | 1 | 0.5 | Y | 0 | Provided by client |
| 3. | Harness cable | 1 | 2 | N | 0 | Provided by client |

3.3.1 Configuration of System under Test



3.4 General Description of Applied Standards and References

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards and References:

Test Standard:

FCC Part 15, Subpart C (15.247)

ANSI C63.10:2013

All test items have been performed and recorded as per the above standards.

References Test Guidance:

KDB 558074 D01 15.247 Meas Guidance v05r02

All test items have been performed as a reference to the above KDB test guidance.

4 Test Types and Results

4.1 Radiated Emission and Bandedge Measurement

4.1.1 Limits of Radiated Emission and Bandedge Measurement

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table. Other emissions shall be at least 20dB below the highest level of the desired power:

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

Note:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. For frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

4.1.2 Test Instruments

| Description & Manufacturer | Model No. | Serial No. | Cal. Date | Cal. Due |
|-----------------------------------|------------------------------------|---------------------------|---------------|---------------|
| Test Receiver Rohde & Schwarz | ESR3 | 102783 | Dec. 21, 2021 | Dec. 20, 2022 |
| | | | Dec. 21, 2022 | Dec. 20, 2023 |
| Spectrum Analyzer KEYSIGHT | N9020B | MY60110513 | Dec. 24, 2021 | Dec. 23, 2022 |
| | | | Dec. 26, 2022 | Dec. 25, 2023 |
| BILOG Antenna SCHWARZBECK | VULB9168 | 9168-1214 | Oct. 27, 2021 | Oct. 26, 2022 |
| | | | Oct. 20, 2022 | Oct. 19, 2023 |
| HORN Antenna SCHWARZBECK | BBHA 9120 D | 9120D-1169 | Nov. 14, 2021 | Nov. 13, 2022 |
| | | | Nov. 13, 2022 | Nov. 12, 2023 |
| HORN Antenna SCHWARZBECK | BBHA 9170 | 9170-995 | Nov. 14, 2021 | Nov. 13, 2022 |
| | | | Nov. 13, 2022 | Nov. 12, 2023 |
| Preamplifier EMCI | EMC330N | 980798 | Jan. 17, 2022 | Jan. 16, 2023 |
| Preamplifier EMCI | EMC118A45SE | 980808 | Dec. 30, 2021 | Dec. 29, 2022 |
| | | | Dec. 29, 2022 | Dec. 28, 2023 |
| Preamplifier EMCI | EMC184045SE | 980786 | Jan. 17, 2022 | Jan. 16, 2023 |
| | | | Jan. 16, 2023 | Jan. 15, 2024 |
| RF signal cable EMCI | EMC104-SM-SM- (9000+2000+1000) | 201244+ 201232+ 210103 | Jan. 17, 2022 | Jan. 16, 2023 |
| | | | Jan. 16, 2023 | Jan. 15, 2024 |
| RF signal cable EMCI | EMCCFD400-NM- NM-(9000+300+500) | 201251+ 201249+ 201248 | Jan. 17, 2022 | Jan. 16, 2023 |
| | | | Jan. 16, 2023 | Jan. 15, 2024 |
| RF signal cable EMCI | EMC101G-KM-KM- (5000+3000+2000) | 201261+201258+201 249 | Jan. 17, 2022 | Jan. 16, 2023 |
| | | | Jan. 16, 2023 | Jan. 15, 2024 |
| Software BV ADT | ADT_Radiated_V7.6.1 5.9.5 | NA | NA | NA |
| Antenna Tower Max-Full | MFA-515BSN | NA | NA | NA |
| Turn Table Max-Full | MFT-201SS | NA | NA | NA |
| Turn Table Controller Max-Full | MF-7802BS | MF780208676 | NA | NA |

- Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
 2. The test was performed in WM Chamber 9.

4.1.3 Test Procedures

For Radiated emission below 30MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9kHz at frequency below 30MHz.

For Radiated emission above 30MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters (for 30MHz ~ 1GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

Note:

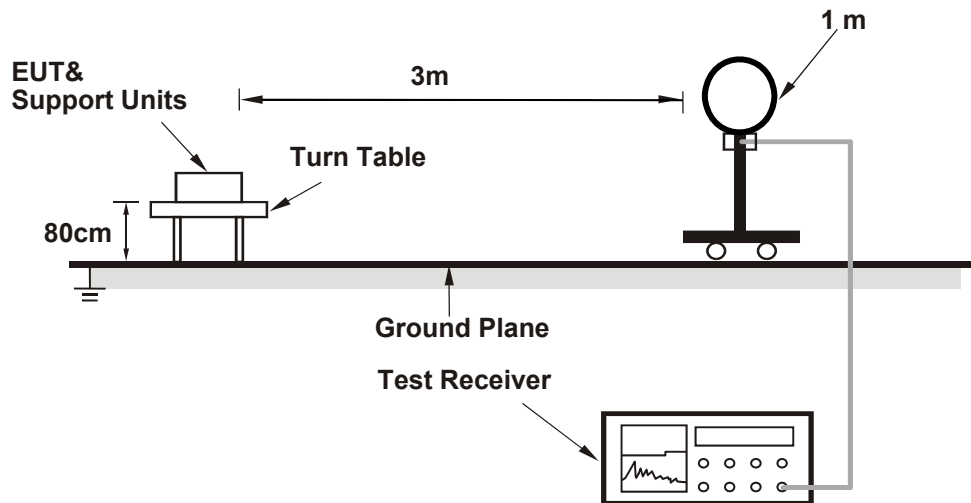
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle < 98%) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.
4. All modes of operation were investigated and the worst-case emissions are reported.

4.1.4 Deviation from Test Standard

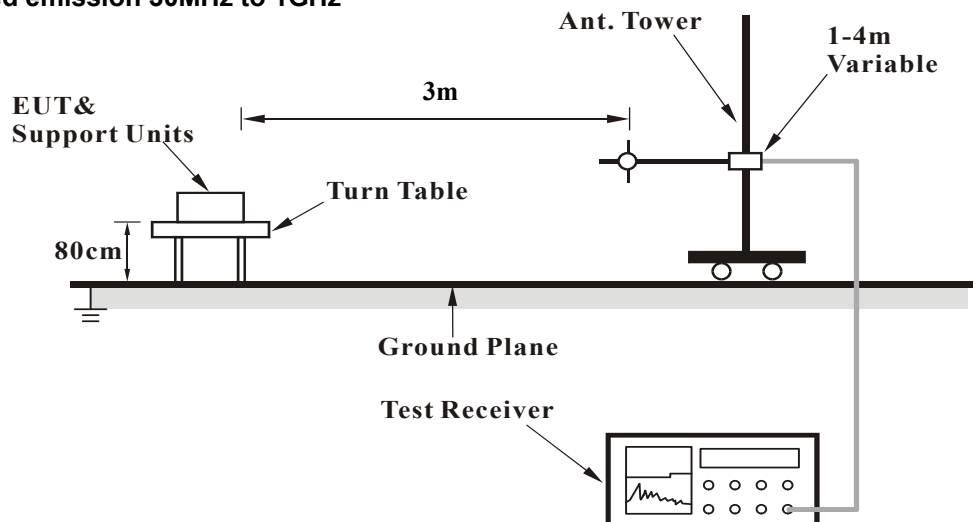
No deviation.

4.1.5 Test Setup

For Radiated emission below 30MHz



For Radiated emission 30MHz to 1GHz



4.1.6 EUT Operating Conditions

- a. Set the EUT under transmission condition continuously at specific channel frequency.

4.1.7 Test Results

Above 1GHz Data:

GFSK

| | | | |
|-----------------|--------------|-------------------|---------------------------|
| CHANNEL | TX Channel 0 | DETECTOR FUNCTION | Peak (PK) Average (AV) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | TEST MODE | A |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 2390.00 | 61.2 PK | 74.0 | -12.8 | 1.18 H | 1 | 28.5 | 32.7 |
| 2 | 2390.00 | 43.9 AV | 54.0 | -10.1 | 1.18 H | 1 | 11.2 | 32.7 |
| 3 | *2402.00 | 86.2 PK | | | 1.18 H | 1 | 53.6 | 32.6 |
| 4 | *2402.00 | 55.7 AV | | | 1.18 H | 1 | 23.1 | 32.6 |
| 5 | 4804.00 | 47.0 PK | 74.0 | -27.0 | 3.13 H | 11 | 44.3 | 2.7 |
| 6 | 4804.00 | 16.5 AV | 54.0 | -37.5 | 3.13 H | 11 | 13.8 | 2.7 |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 2390.00 | 57.9 PK | 74.0 | -16.1 | 2.02 V | 6 | 25.2 | 32.7 |
| 2 | 2390.00 | 43.7 AV | 54.0 | -10.3 | 2.02 V | 6 | 11.0 | 32.7 |
| 3 | *2402.00 | 83.5 PK | | | 2.02 V | 6 | 50.9 | 32.6 |
| 4 | *2402.00 | 53.0 AV | | | 2.02 V | 6 | 20.4 | 32.6 |
| 5 | 4804.00 | 47.4 PK | 74.0 | -26.6 | 1.11 V | 323 | 44.7 | 2.7 |
| 6 | 4804.00 | 16.9 AV | 54.0 | -37.1 | 1.11 V | 323 | 14.2 | 2.7 |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB).
3. Margin value = Emission Level – Limit value.
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency.

| | | | |
|-----------------|---------------|-------------------|---------------------------|
| CHANNEL | TX Channel 78 | DETECTOR FUNCTION | Peak (PK) Average (AV) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | TEST MODE | A |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
|-----|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| 1 | *2480.00 | 87.7 PK | | | 1.14 H | 4 | 54.9 | 32.8 |
| 2 | *2480.00 | 57.2 AV | | | 1.14 H | 4 | 24.4 | 32.8 |
| 3 | 2483.50 | 51.9 PK | 74.0 | -22.1 | 1.14 H | 4 | 56.3 | -4.4 |
| 4 | 2483.50 | 21.4 AV | 54.0 | -32.6 | 1.14 H | 4 | 25.8 | -4.4 |
| 5 | 4960.00 | 47.8 PK | 74.0 | -26.2 | 3.13 H | 266 | 44.6 | 3.2 |
| 6 | 4960.00 | 17.3 AV | 54.0 | -36.7 | 3.13 H | 266 | 14.1 | 3.2 |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
|-----|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| 1 | *2480.00 | 83.3 PK | | | 1.21 V | 45 | 50.5 | 32.8 |
| 2 | *2480.00 | 52.8 AV | | | 1.21 V | 45 | 20.0 | 32.8 |
| 3 | 2483.50 | 52.4 PK | 74.0 | -21.6 | 1.21 V | 45 | 56.8 | -4.4 |
| 4 | 2483.50 | 21.9 AV | 54.0 | -32.1 | 1.21 V | 45 | 26.3 | -4.4 |
| 5 | 4960.00 | 49.4 PK | 74.0 | -24.6 | 1.22 V | 200 | 46.2 | 3.2 |
| 6 | 4960.00 | 18.9 AV | 54.0 | -35.1 | 1.22 V | 200 | 15.7 | 3.2 |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB).
3. Margin value = Emission Level – Limit value.
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

| | | | |
|-----------------|--------------|-------------------|---------------------------|
| CHANNEL | TX Channel 0 | DETECTOR FUNCTION | Peak (PK) Average (AV) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | TEST MODE | B |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 2390.00 | 60.9 PK | 74.0 | -13.1 | 1.00 H | 330 | 28.2 | 32.7 |
| 2 | 2390.00 | 43.9 AV | 54.0 | -10.1 | 1.00 H | 330 | 11.2 | 32.7 |
| 3 | *2402.00 | 86.6 PK | | | 1.00 H | 330 | 54.0 | 32.6 |
| 4 | *2402.00 | 56.1 AV | | | 1.00 H | 330 | 23.5 | 32.6 |
| 5 | 4804.00 | 47.4 PK | 74.0 | -26.6 | 3.22 H | 20 | 44.7 | 2.7 |
| 6 | 4804.00 | 16.9 AV | 54.0 | -37.1 | 3.22 H | 20 | 14.2 | 2.7 |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 2390.00 | 57.7 PK | 74.0 | -16.3 | 2.11 V | 9 | 25.0 | 32.7 |
| 2 | 2390.00 | 43.5 AV | 54.0 | -10.5 | 2.11 V | 9 | 10.8 | 32.7 |
| 3 | *2402.00 | 84.1 PK | | | 2.11 V | 9 | 51.5 | 32.6 |
| 4 | *2402.00 | 53.6 AV | | | 2.11 V | 9 | 21.0 | 32.6 |
| 5 | 4804.00 | 47.6 PK | 74.0 | -26.4 | 2.31 V | 306 | 44.9 | 2.7 |
| 6 | 4804.00 | 17.1 AV | 54.0 | -36.9 | 2.31 V | 306 | 14.4 | 2.7 |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB).
3. Margin value = Emission Level – Limit value.
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

| | | | |
|-----------------|---------------|-------------------|---------------------------|
| CHANNEL | TX Channel 78 | DETECTOR FUNCTION | Peak (PK) Average (AV) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | TEST MODE | B |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | *2480.00 | 87.5 PK | | | 1.11 H | 5 | 54.7 | 32.8 |
| 2 | *2480.00 | 57.0 AV | | | 1.11 H | 5 | 24.2 | 32.8 |
| 3 | 2483.50 | 51.7 PK | 74.0 | -22.3 | 1.11 H | 5 | 56.1 | -4.4 |
| 4 | 2483.50 | 21.2 AV | 54.0 | -32.8 | 1.11 H | 5 | 25.6 | -4.4 |
| 5 | 4960.00 | 47.3 PK | 74.0 | -26.7 | 1.33 H | 300 | 44.1 | 3.2 |
| 6 | 4960.00 | 16.8 AV | 54.0 | -37.2 | 1.33 H | 300 | 13.6 | 3.2 |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | *2480.00 | 83.6 PK | | | 1.00 V | 55 | 50.8 | 32.8 |
| 2 | *2480.00 | 53.1 AV | | | 1.00 V | 55 | 20.3 | 32.8 |
| 3 | 2483.50 | 52.2 PK | 74.0 | -21.8 | 1.00 V | 55 | 56.6 | -4.4 |
| 4 | 2483.50 | 21.7 AV | 54.0 | -32.3 | 1.00 V | 55 | 26.1 | -4.4 |
| 5 | 4960.00 | 48.7 PK | 74.0 | -25.3 | 2.96 V | 30 | 45.5 | 3.2 |
| 6 | 4960.00 | 18.2 AV | 54.0 | -35.8 | 2.96 V | 30 | 15.0 | 3.2 |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB).
3. Margin value = Emission Level – Limit value.
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency.

| | | | |
|-----------------|--------------|-------------------|---------------------------|
| CHANNEL | TX Channel 0 | DETECTOR FUNCTION | Peak (PK) Average (AV) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | TEST MODE | C |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 2390.00 | 57.0 PK | 74.0 | -17.0 | 1.14 H | 2 | 24.3 | 32.7 |
| 2 | 2390.00 | 44.2 AV | 54.0 | -9.8 | 1.14 H | 2 | 11.5 | 32.7 |
| 3 | *2402.00 | 83.1 PK | | | 1.14 H | 2 | 50.5 | 32.6 |
| 4 | *2402.00 | 52.6 AV | | | 1.14 H | 2 | 20.0 | 32.6 |
| 5 | 4804.00 | 48.7 PK | 74.0 | -25.3 | 2.00 H | 199 | 46.0 | 2.7 |
| 6 | 4804.00 | 18.2 AV | 54.0 | -35.8 | 2.00 H | 199 | 15.5 | 2.7 |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 2390.00 | 57.9 PK | 74.0 | -16.1 | 2.15 V | 222 | 25.2 | 32.7 |
| 2 | 2390.00 | 43.2 AV | 54.0 | -10.8 | 2.15 V | 222 | 10.5 | 32.7 |
| 3 | *2402.00 | 80.3 PK | | | 1.85 V | 9 | 47.7 | 32.6 |
| 4 | *2402.00 | 49.8 AV | | | 1.85 V | 9 | 17.2 | 32.6 |
| 5 | 4804.00 | 47.2 PK | 74.0 | -26.8 | 1.85 V | 252 | 44.5 | 2.7 |
| 6 | 4804.00 | 16.7 AV | 54.0 | -37.3 | 1.85 V | 252 | 14.0 | 2.7 |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB).
3. Margin value = Emission Level – Limit value.
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

| | | | |
|-----------------|---------------|-------------------|---------------------------|
| CHANNEL | TX Channel 78 | DETECTOR FUNCTION | Peak (PK) Average (AV) |
| FREQUENCY RANGE | 1GHz ~ 25GHz | TEST MODE | C |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | *2480.00 | 84.3 PK | | | 1.79 H | 2 | 51.5 | 32.8 |
| 2 | *2480.00 | 53.8 AV | | | 1.79 H | 2 | 21.0 | 32.8 |
| 3 | 2483.50 | 52.1 PK | 74.0 | -21.9 | 1.79 H | 2 | 56.5 | -4.4 |
| 4 | 2483.50 | 21.6 AV | 54.0 | -32.4 | 1.79 H | 2 | 26.0 | -4.4 |
| 5 | 4960.00 | 48.9 PK | 74.0 | -25.1 | 2.16 H | 300 | 45.7 | 3.2 |
| 6 | 4960.00 | 18.4 AV | 54.0 | -35.6 | 2.16 H | 300 | 15.2 | 3.2 |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | *2480.00 | 78.5 PK | | | 1.85 V | 144 | 45.7 | 32.8 |
| 2 | *2480.00 | 48.0 AV | | | 1.85 V | 144 | 15.2 | 32.8 |
| 3 | 2483.50 | 50.1 PK | 74.0 | -23.9 | 1.85 V | 144 | 54.5 | -4.4 |
| 4 | 2483.50 | 19.6 AV | 54.0 | -34.4 | 1.85 V | 144 | 24.0 | -4.4 |
| 5 | 4960.00 | 48.7 PK | 74.0 | -25.3 | 2.31 V | 309 | 45.5 | 3.2 |
| 6 | 4960.00 | 18.2 AV | 54.0 | -35.8 | 2.31 V | 309 | 15.0 | 3.2 |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB).
3. Margin value = Emission Level – Limit value.
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency.

Below 1GHz worst-case data:

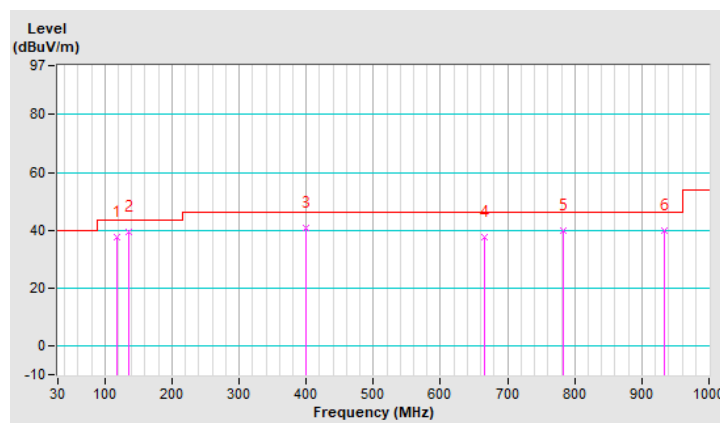
8DPSK

| | | | |
|-----------------|--------------|-------------------|-----------------|
| CHANNEL | TX Channel 0 | DETECTOR FUNCTION | Quasi-Peak (QP) |
| FREQUENCY RANGE | 30MHz ~ 1GHz | TEST MODE | A |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 118.27 | 37.5 QP | 43.5 | -6.0 | 1.49 H | 185 | 52.9 | -15.4 |
| 2 | 135.73 | 39.6 QP | 43.5 | -3.9 | 1.99 H | 86 | 53.4 | -13.8 |
| 3 | 400.54 | 40.8 QP | 46.0 | -5.2 | 1.00 H | 172 | 50.9 | -10.1 |
| 4 | 666.32 | 37.5 QP | 46.0 | -8.5 | 1.49 H | 120 | 42.0 | -4.5 |
| 5 | 783.69 | 39.8 QP | 46.0 | -6.2 | 1.49 H | 18 | 42.8 | -3.0 |
| 6 | 933.07 | 39.8 QP | 46.0 | -6.2 | 1.00 H | 113 | 40.6 | -0.8 |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.

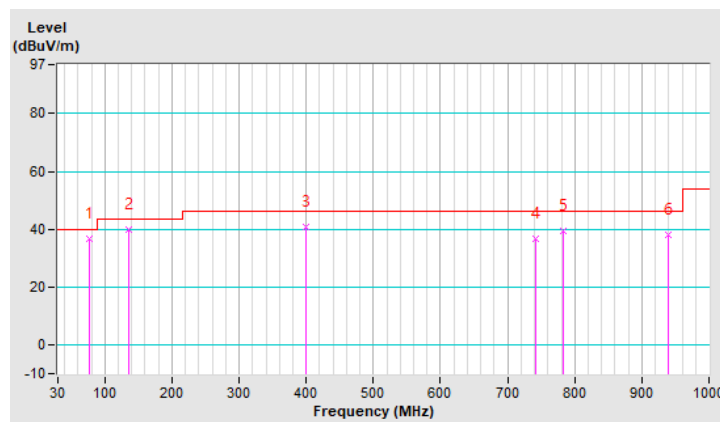


| | | | |
|-----------------|--------------|-------------------|-----------------|
| CHANNEL | TX Channel 0 | DETECTOR FUNCTION | Quasi-Peak (QP) |
| FREQUENCY RANGE | 30MHz ~ 1GHz | TEST MODE | A |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 76.56 | 36.5 QP | 40.0 | -3.5 | 1.01 V | 100 | 53.9 | -17.4 |
| 2 | 135.73 | 40.0 QP | 43.5 | -3.5 | 1.51 V | 200 | 53.8 | -13.8 |
| 3 | 400.54 | 40.6 QP | 46.0 | -5.4 | 1.01 V | 251 | 50.7 | -10.1 |
| 4 | 741.01 | 36.9 QP | 46.0 | -9.1 | 1.51 V | 244 | 40.2 | -3.3 |
| 5 | 783.69 | 39.3 QP | 46.0 | -6.7 | 1.01 V | 314 | 42.3 | -3.0 |
| 6 | 939.86 | 38.1 QP | 46.0 | -7.9 | 1.01 V | 90 | 38.9 | -0.8 |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.

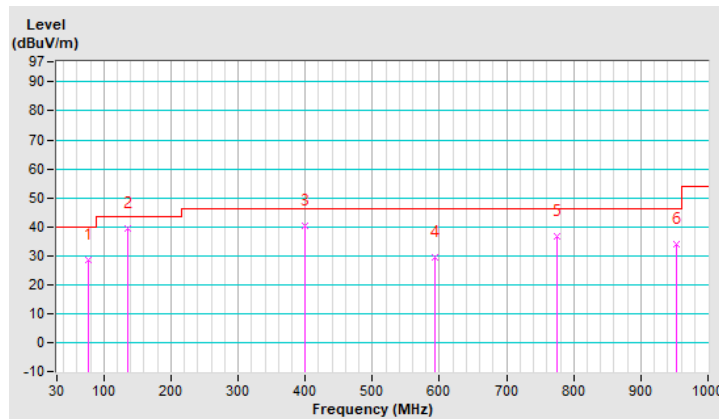


| | | | |
|-----------------|---------------|-------------------|-----------------|
| CHANNEL | TX Channel 39 | DETECTOR FUNCTION | Quasi-Peak (QP) |
| FREQUENCY RANGE | 30MHz ~ 1GHz | TEST MODE | A |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 76.56 | 28.5 QP | 40.0 | -11.5 | 1.99 H | 87 | 45.9 | -17.4 |
| 2 | 135.73 | 39.6 QP | 43.5 | -3.9 | 1.99 H | 55 | 53.4 | -13.8 |
| 3 | 400.54 | 40.4 QP | 46.0 | -5.6 | 1.00 H | 188 | 50.5 | -10.1 |
| 4 | 593.57 | 29.6 QP | 46.0 | -16.4 | 1.49 H | 207 | 35.2 | -5.6 |
| 5 | 774.96 | 36.5 QP | 46.0 | -9.5 | 1.99 H | 168 | 39.6 | -3.1 |
| 6 | 952.47 | 33.9 QP | 46.0 | -12.1 | 1.49 H | 257 | 34.5 | -0.6 |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.

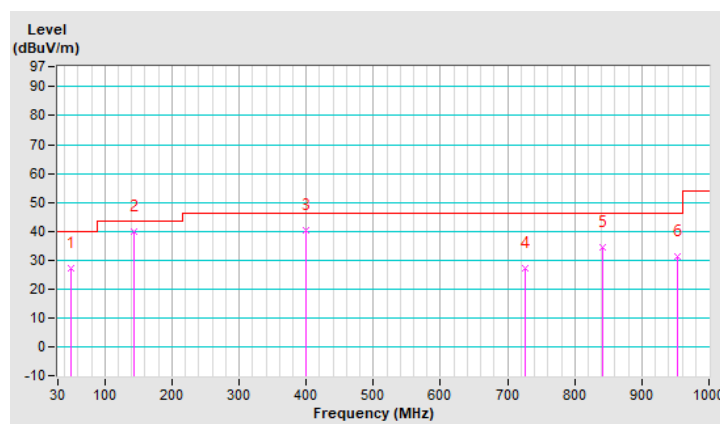


| | | | |
|-----------------|---------------|-------------------|-----------------|
| CHANNEL | TX Channel 39 | DETECTOR FUNCTION | Quasi-Peak (QP) |
| FREQUENCY RANGE | 30MHz ~ 1GHz | TEST MODE | A |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 49.40 | 27.1 QP | 40.0 | -12.9 | 1.01 V | 300 | 40.5 | -13.4 |
| 2 | 142.52 | 39.9 QP | 43.5 | -3.6 | 1.01 V | 152 | 53.2 | -13.3 |
| 3 | 400.54 | 40.2 QP | 46.0 | -5.8 | 1.01 V | 159 | 50.3 | -10.1 |
| 4 | 725.49 | 27.3 QP | 46.0 | -18.7 | 1.51 V | 307 | 30.9 | -3.6 |
| 5 | 840.92 | 34.4 QP | 46.0 | -11.6 | 1.01 V | 100 | 36.4 | -2.0 |
| 6 | 953.44 | 31.3 QP | 46.0 | -14.7 | 1.51 V | 2 | 31.9 | -0.6 |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.

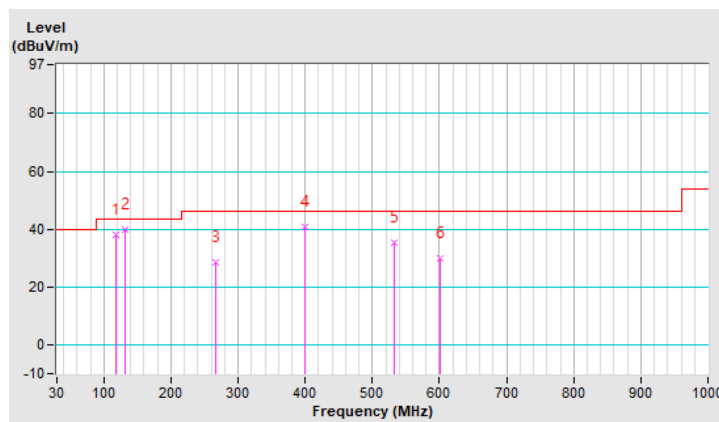


| | | | |
|-----------------|---------------|-------------------|-----------------|
| CHANNEL | TX Channel 78 | DETECTOR FUNCTION | Quasi-Peak (QP) |
| FREQUENCY RANGE | 30MHz ~ 1GHz | TEST MODE | A |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 118.27 | 38.0 QP | 43.5 | -5.5 | 1.49 H | 213 | 53.4 | -15.4 |
| 2 | 130.88 | 39.7 QP | 43.5 | -3.8 | 1.99 H | 261 | 53.9 | -14.2 |
| 3 | 266.68 | 28.6 QP | 46.0 | -17.4 | 1.49 H | 245 | 42.1 | -13.5 |
| 4 | 400.54 | 40.8 QP | 46.0 | -5.2 | 1.00 H | 172 | 50.8 | -10.0 |
| 5 | 533.43 | 35.4 QP | 46.0 | -10.6 | 1.99 H | 116 | 42.7 | -7.3 |
| 6 | 600.36 | 30.1 QP | 46.0 | -15.9 | 1.49 H | 151 | 35.5 | -5.4 |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.

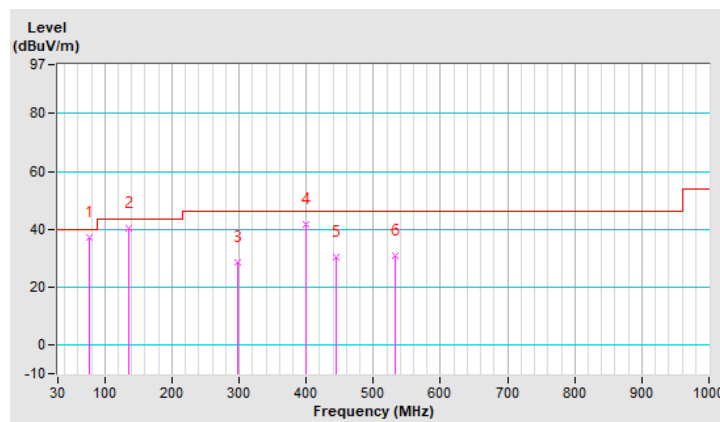


| | | | |
|-----------------|---------------|-------------------|-----------------|
| CHANNEL | TX Channel 78 | DETECTOR FUNCTION | Quasi-Peak (QP) |
| FREQUENCY RANGE | 30MHz ~ 1GHz | TEST MODE | A |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 76.56 | 37.1 QP | 40.0 | -2.9 | 1.01 V | 145 | 54.3 | -17.2 |
| 2 | 135.73 | 40.3 QP | 43.5 | -3.2 | 1.51 V | 245 | 54.1 | -13.8 |
| 3 | 297.72 | 28.6 QP | 46.0 | -17.4 | 1.01 V | 134 | 41.1 | -12.5 |
| 4 | 400.54 | 41.6 QP | 46.0 | -4.4 | 1.01 V | 258 | 51.6 | -10.0 |
| 5 | 445.16 | 30.2 QP | 46.0 | -15.8 | 1.01 V | 231 | 38.9 | -8.7 |
| 6 | 533.43 | 30.8 QP | 46.0 | -15.2 | 1.51 V | 173 | 38.1 | -7.3 |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.

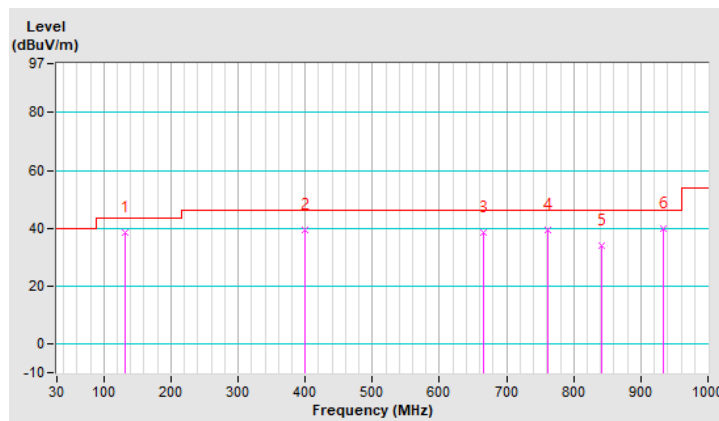


| | | | |
|-----------------|--------------|-------------------|-----------------|
| CHANNEL | TX Channel 0 | DETECTOR FUNCTION | Quasi-Peak (QP) |
| FREQUENCY RANGE | 30MHz ~ 1GHz | TEST MODE | B |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 130.88 | 38.6 QP | 43.5 | -4.9 | 2.00 H | 104 | 52.9 | -14.3 |
| 2 | 400.54 | 39.6 QP | 46.0 | -6.4 | 1.01 H | 233 | 49.7 | -10.1 |
| 3 | 666.32 | 38.4 QP | 46.0 | -7.6 | 2.00 H | 143 | 42.9 | -4.5 |
| 4 | 762.35 | 39.2 QP | 46.0 | -6.8 | 1.51 H | 80 | 42.2 | -3.0 |
| 5 | 840.92 | 33.8 QP | 46.0 | -12.2 | 1.01 H | 256 | 35.8 | -2.0 |
| 6 | 933.07 | 39.8 QP | 46.0 | -6.2 | 1.51 H | 129 | 40.6 | -0.8 |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.

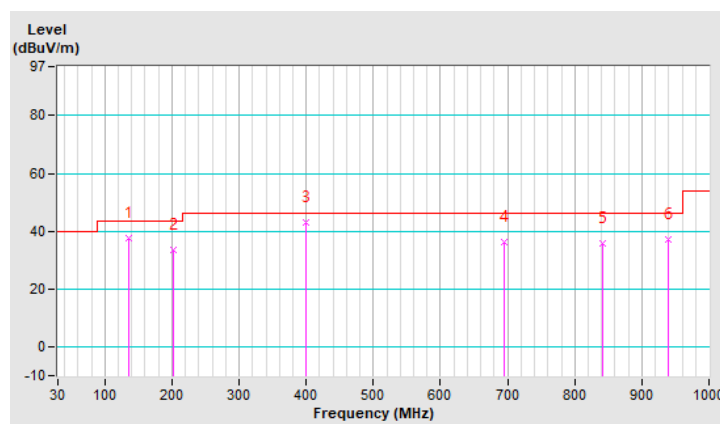


| | | | |
|-----------------|--------------|-------------------|-----------------|
| CHANNEL | TX Channel 0 | DETECTOR FUNCTION | Quasi-Peak (QP) |
| FREQUENCY RANGE | 30MHz ~ 1GHz | TEST MODE | B |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 135.73 | 37.8 QP | 43.5 | -5.7 | 1.00 V | 6 | 51.6 | -13.8 |
| 2 | 202.66 | 33.3 QP | 43.5 | -10.2 | 1.49 V | 285 | 50.0 | -16.7 |
| 3 | 400.54 | 42.9 QP | 46.0 | -3.1 | 1.50 V | 330 | 53.0 | -10.1 |
| 4 | 694.45 | 36.2 QP | 46.0 | -9.8 | 1.00 V | 245 | 40.3 | -4.1 |
| 5 | 840.92 | 35.6 QP | 46.0 | -10.4 | 1.00 V | 136 | 37.6 | -2.0 |
| 6 | 939.86 | 37.0 QP | 46.0 | -9.0 | 1.00 V | 87 | 37.8 | -0.8 |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.

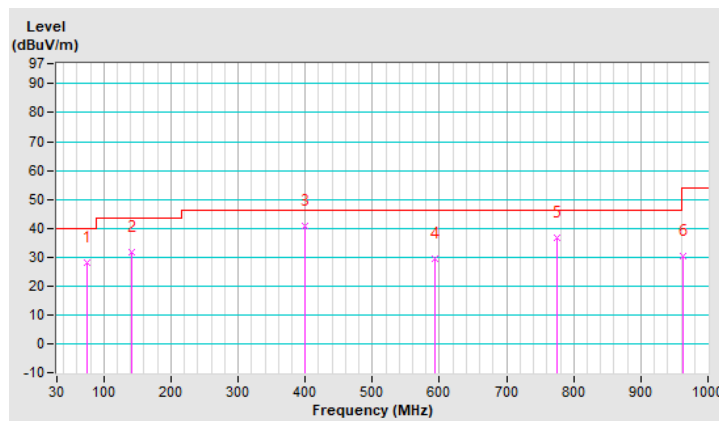


| | | | |
|-----------------|---------------|-------------------|-----------------|
| CHANNEL | TX Channel 39 | DETECTOR FUNCTION | Quasi-Peak (QP) |
| FREQUENCY RANGE | 30MHz ~ 1GHz | TEST MODE | B |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 75.59 | 28.1 QP | 40.0 | -11.9 | 2.00 H | 246 | 45.2 | -17.1 |
| 2 | 140.58 | 31.8 QP | 43.5 | -11.7 | 1.51 H | 278 | 45.3 | -13.5 |
| 3 | 400.54 | 40.6 QP | 46.0 | -5.4 | 1.01 H | 130 | 50.7 | -10.1 |
| 4 | 593.57 | 29.3 QP | 46.0 | -16.7 | 1.01 H | 216 | 34.9 | -5.6 |
| 5 | 774.96 | 36.9 QP | 46.0 | -9.1 | 1.01 H | 160 | 40.0 | -3.1 |
| 6 | 962.17 | 30.5 QP | 54.0 | -23.5 | 1.51 H | 218 | 30.9 | -0.4 |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.

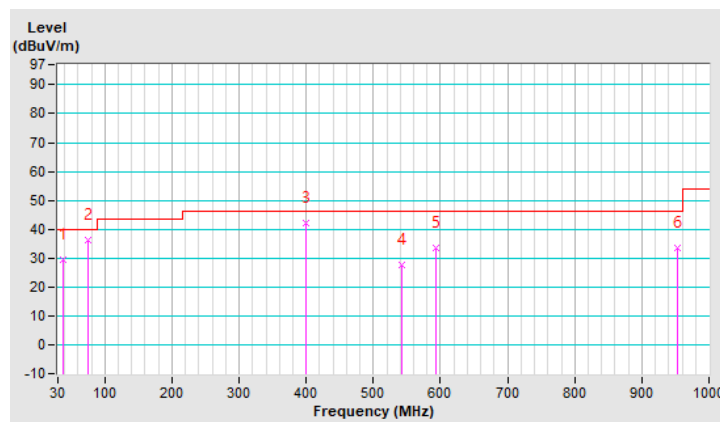


| | | | |
|-----------------|---------------|-------------------|-----------------|
| CHANNEL | TX Channel 39 | DETECTOR FUNCTION | Quasi-Peak (QP) |
| FREQUENCY RANGE | 30MHz ~ 1GHz | TEST MODE | B |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 37.76 | 29.6 QP | 40.0 | -10.4 | 1.00 V | 134 | 43.5 | -13.9 |
| 2 | 75.59 | 36.4 QP | 40.0 | -3.6 | 1.00 V | 290 | 53.5 | -17.1 |
| 3 | 400.54 | 42.0 QP | 46.0 | -4.0 | 1.50 V | 159 | 52.1 | -10.1 |
| 4 | 543.13 | 27.7 QP | 46.0 | -18.3 | 1.00 V | 264 | 34.9 | -7.2 |
| 5 | 593.57 | 33.3 QP | 46.0 | -12.7 | 1.00 V | 158 | 38.9 | -5.6 |
| 6 | 952.47 | 33.4 QP | 46.0 | -12.6 | 1.99 V | 7 | 34.0 | -0.6 |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.

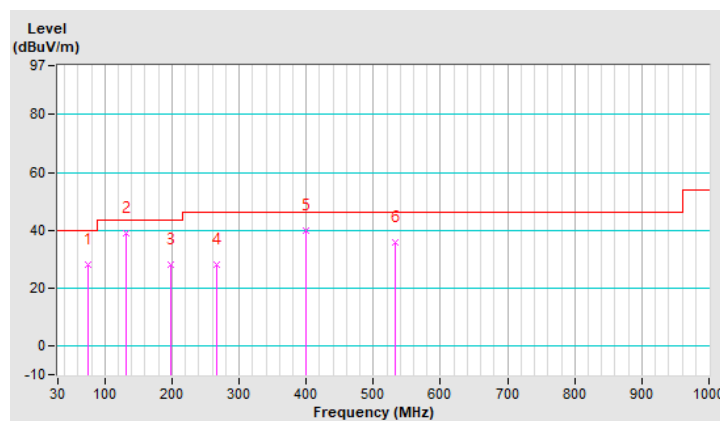


| | | | |
|-----------------|---------------|-------------------|-----------------|
| CHANNEL | TX Channel 78 | DETECTOR FUNCTION | Quasi-Peak (QP) |
| FREQUENCY RANGE | 30MHz ~ 1GHz | TEST MODE | B |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 75.59 | 28.1 QP | 40.0 | -11.9 | 2.00 H | 246 | 44.9 | -16.8 |
| 2 | 130.88 | 39.1 QP | 43.5 | -4.4 | 2.00 H | 104 | 53.3 | -14.2 |
| 3 | 197.81 | 28.0 QP | 43.5 | -15.5 | 1.51 H | 238 | 44.4 | -16.4 |
| 4 | 266.68 | 28.0 QP | 46.0 | -18.0 | 2.00 H | 255 | 41.5 | -13.5 |
| 5 | 400.54 | 40.0 QP | 46.0 | -6.0 | 1.01 H | 233 | 50.0 | -10.0 |
| 6 | 533.43 | 36.0 QP | 46.0 | -10.0 | 1.51 H | 200 | 43.3 | -7.3 |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.

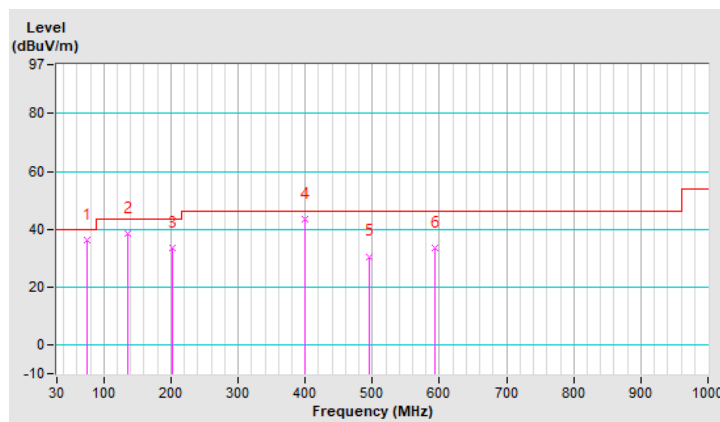


| | | | |
|-----------------|---------------|-------------------|-----------------|
| CHANNEL | TX Channel 78 | DETECTOR FUNCTION | Quasi-Peak (QP) |
| FREQUENCY RANGE | 30MHz ~ 1GHz | TEST MODE | B |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|---|---------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 75.59 | 36.4 QP | 40.0 | -3.6 | 1.00 V | 290 | 53.2 | -16.8 |
| 2 | 135.73 | 38.5 QP | 43.5 | -5.0 | 1.00 V | 2 | 52.3 | -13.8 |
| 3 | 202.66 | 33.5 QP | 43.5 | -10.0 | 1.49 V | 295 | 49.9 | -16.4 |
| 4 | 400.54 | 43.4 QP | 46.0 | -2.6 | 1.00 V | 330 | 53.4 | -10.0 |
| 5 | 494.63 | 30.6 QP | 46.0 | -15.4 | 1.00 V | 142 | 38.5 | -7.9 |
| 6 | 593.57 | 33.3 QP | 46.0 | -12.7 | 1.00 V | 158 | 38.8 | -5.5 |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.

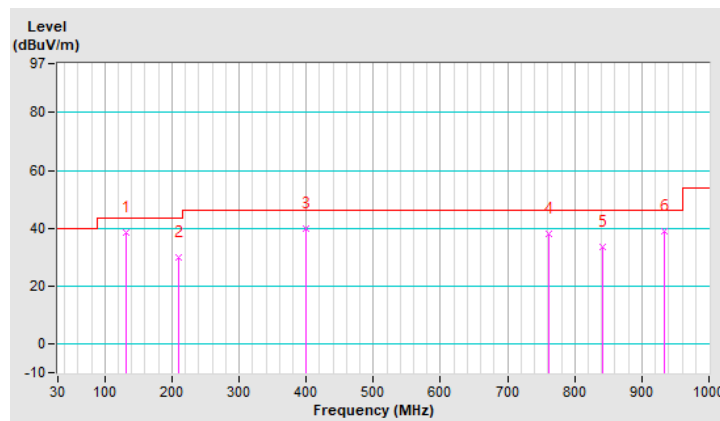


| | | | |
|-----------------|--------------|-------------------|-----------------|
| CHANNEL | TX Channel 0 | DETECTOR FUNCTION | Quasi-Peak (QP) |
| FREQUENCY RANGE | 30MHz ~ 1GHz | TEST MODE | C |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 130.88 | 38.5 QP | 43.5 | -5.0 | 1.51 H | 100 | 52.8 | -14.3 |
| 2 | 210.42 | 29.7 QP | 43.5 | -13.8 | 1.01 H | 159 | 46.4 | -16.7 |
| 3 | 400.54 | 40.0 QP | 46.0 | -6.0 | 2.00 H | 100 | 50.1 | -10.1 |
| 4 | 762.35 | 38.0 QP | 46.0 | -8.0 | 1.01 H | 189 | 41.0 | -3.0 |
| 5 | 840.92 | 33.7 QP | 46.0 | -12.3 | 1.01 H | 147 | 35.7 | -2.0 |
| 6 | 933.07 | 38.8 QP | 46.0 | -7.2 | 1.51 H | 117 | 39.6 | -0.8 |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.

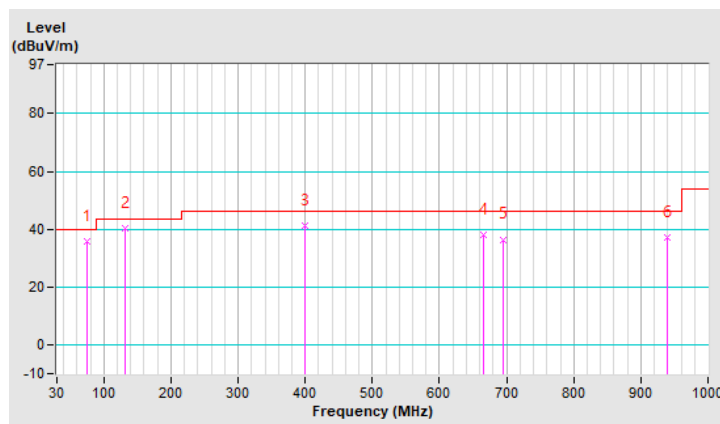


| | | | |
|-----------------|--------------|-------------------|-----------------|
| CHANNEL | TX Channel 0 | DETECTOR FUNCTION | Quasi-Peak (QP) |
| FREQUENCY RANGE | 30MHz ~ 1GHz | TEST MODE | C |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 75.59 | 36.0 QP | 40.0 | -4.0 | 1.49 V | 166 | 53.1 | -17.1 |
| 2 | 130.88 | 40.1 QP | 43.5 | -3.4 | 1.00 V | 125 | 54.4 | -14.3 |
| 3 | 400.54 | 41.2 QP | 46.0 | -4.8 | 1.00 V | 299 | 51.3 | -10.1 |
| 4 | 666.32 | 38.0 QP | 46.0 | -8.0 | 1.00 V | 225 | 42.5 | -4.5 |
| 5 | 694.45 | 36.5 QP | 46.0 | -9.5 | 1.00 V | 232 | 40.6 | -4.1 |
| 6 | 939.86 | 37.3 QP | 46.0 | -8.7 | 1.00 V | 118 | 38.1 | -0.8 |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.

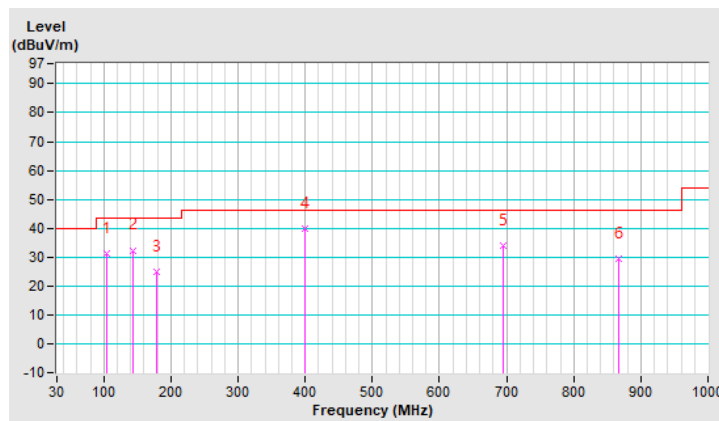


| | | | |
|-----------------|---------------|-------------------|-----------------|
| CHANNEL | TX Channel 39 | DETECTOR FUNCTION | Quasi-Peak (QP) |
| FREQUENCY RANGE | 30MHz ~ 1GHz | TEST MODE | C |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 104.69 | 31.4 QP | 43.5 | -12.1 | 2.00 H | 232 | 48.2 | -16.8 |
| 2 | 142.52 | 32.4 QP | 43.5 | -11.1 | 1.51 H | 230 | 45.7 | -13.3 |
| 3 | 179.38 | 24.7 QP | 43.5 | -18.8 | 1.01 H | 229 | 39.1 | -14.4 |
| 4 | 400.54 | 40.0 QP | 46.0 | -6.0 | 2.00 H | 143 | 50.1 | -10.1 |
| 5 | 694.45 | 33.8 QP | 46.0 | -12.2 | 1.51 H | 294 | 37.9 | -4.1 |
| 6 | 867.11 | 29.4 QP | 46.0 | -16.6 | 1.01 H | 196 | 31.4 | -2.0 |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.

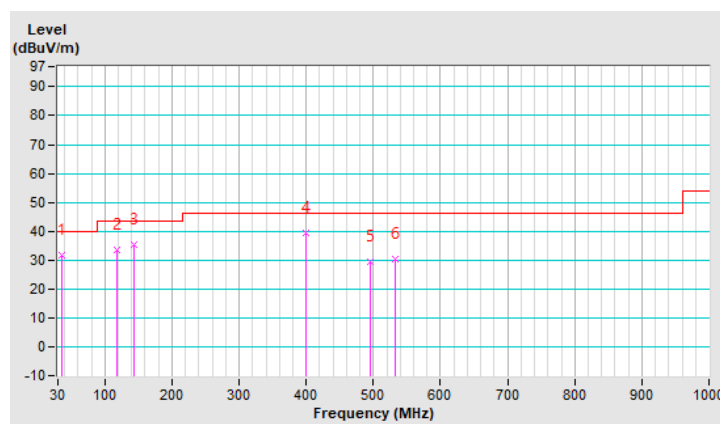


| | | | |
|-----------------|---------------|-------------------|-----------------|
| CHANNEL | TX Channel 39 | DETECTOR FUNCTION | Quasi-Peak (QP) |
| FREQUENCY RANGE | 30MHz ~ 1GHz | TEST MODE | C |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 35.82 | 31.7 QP | 40.0 | -8.3 | 1.00 V | 217 | 45.8 | -14.1 |
| 2 | 118.27 | 33.3 QP | 43.5 | -10.2 | 1.49 V | 152 | 48.7 | -15.4 |
| 3 | 143.49 | 35.4 QP | 43.5 | -8.1 | 1.00 V | 227 | 48.7 | -13.3 |
| 4 | 400.54 | 39.5 QP | 46.0 | -6.5 | 1.00 V | 299 | 49.6 | -10.1 |
| 5 | 494.63 | 29.5 QP | 46.0 | -16.5 | 1.00 V | 138 | 37.5 | -8.0 |
| 6 | 533.43 | 30.2 QP | 46.0 | -15.8 | 1.49 V | 178 | 37.6 | -7.4 |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.

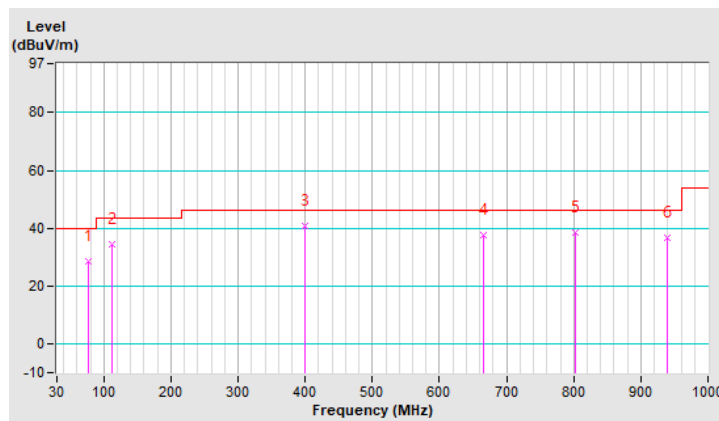


| | | | |
|-----------------|---------------|-------------------|-----------------|
| CHANNEL | TX Channel 78 | DETECTOR FUNCTION | Quasi-Peak (QP) |
| FREQUENCY RANGE | 30MHz ~ 1GHz | TEST MODE | C |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 76.56 | 28.5 QP | 40.0 | -11.5 | 1.99 H | 87 | 45.7 | -17.2 |
| 2 | 112.45 | 34.6 QP | 43.5 | -8.9 | 1.49 H | 54 | 50.6 | -16.0 |
| 3 | 399.45 | 40.6 QP | 46.0 | -5.4 | 1.00 H | 170 | 50.7 | -10.1 |
| 4 | 666.32 | 37.5 QP | 46.0 | -8.5 | 1.49 H | 120 | 42.0 | -4.5 |
| 5 | 802.12 | 38.3 QP | 46.0 | -7.7 | 1.00 H | 228 | 41.0 | -2.7 |
| 6 | 939.86 | 36.8 QP | 46.0 | -9.2 | 1.00 H | 226 | 37.4 | -0.6 |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.

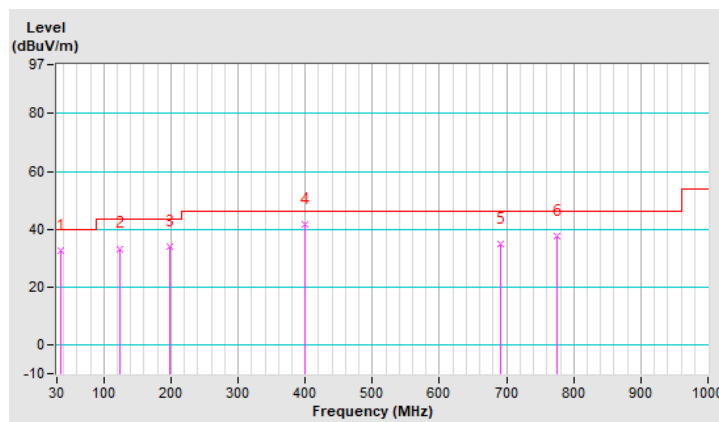


| | | | |
|-----------------|---------------|-------------------|-----------------|
| CHANNEL | TX Channel 78 | DETECTOR FUNCTION | Quasi-Peak (QP) |
| FREQUENCY RANGE | 30MHz ~ 1GHz | TEST MODE | C |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|---|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1 | 35.82 | 32.7 QP | 40.0 | -7.3 | 1.01 V | 328 | 46.9 | -14.2 |
| 2 | 124.09 | 33.3 QP | 43.5 | -10.2 | 1.01 V | 18 | 48.2 | -14.9 |
| 3 | 197.81 | 34.0 QP | 43.5 | -9.5 | 1.01 V | 269 | 50.4 | -16.4 |
| 4 | 399.35 | 41.5 QP | 46.0 | -4.5 | 1.01 V | 255 | 51.6 | -10.1 |
| 5 | 691.54 | 34.7 QP | 46.0 | -11.3 | 1.01 V | 156 | 38.8 | -4.1 |
| 6 | 774.96 | 37.5 QP | 46.0 | -8.5 | 1.01 V | 258 | 40.6 | -3.1 |

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
4. Margin value = Emission Level – Limit value
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20dB below the permissible value to be report.

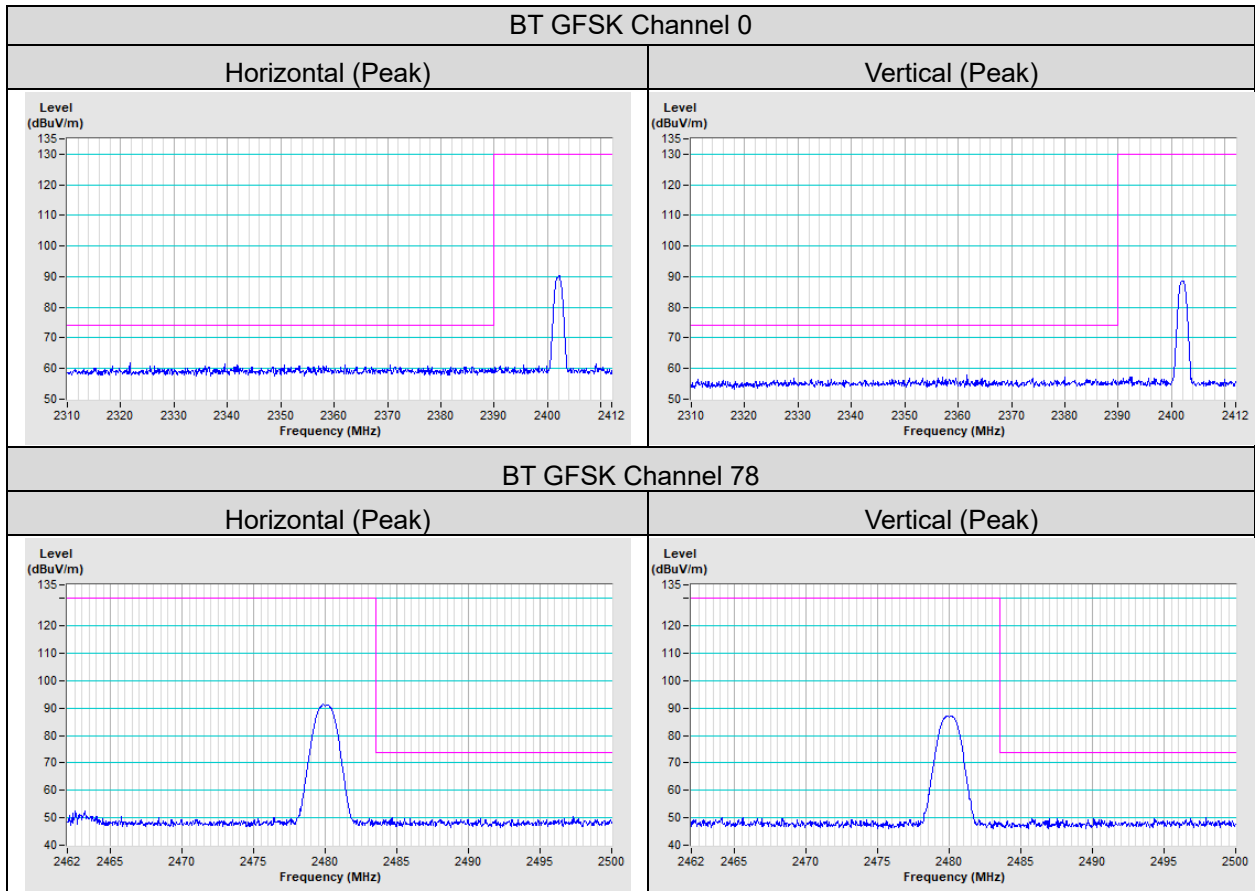


5 Pictures of Test Arrangements

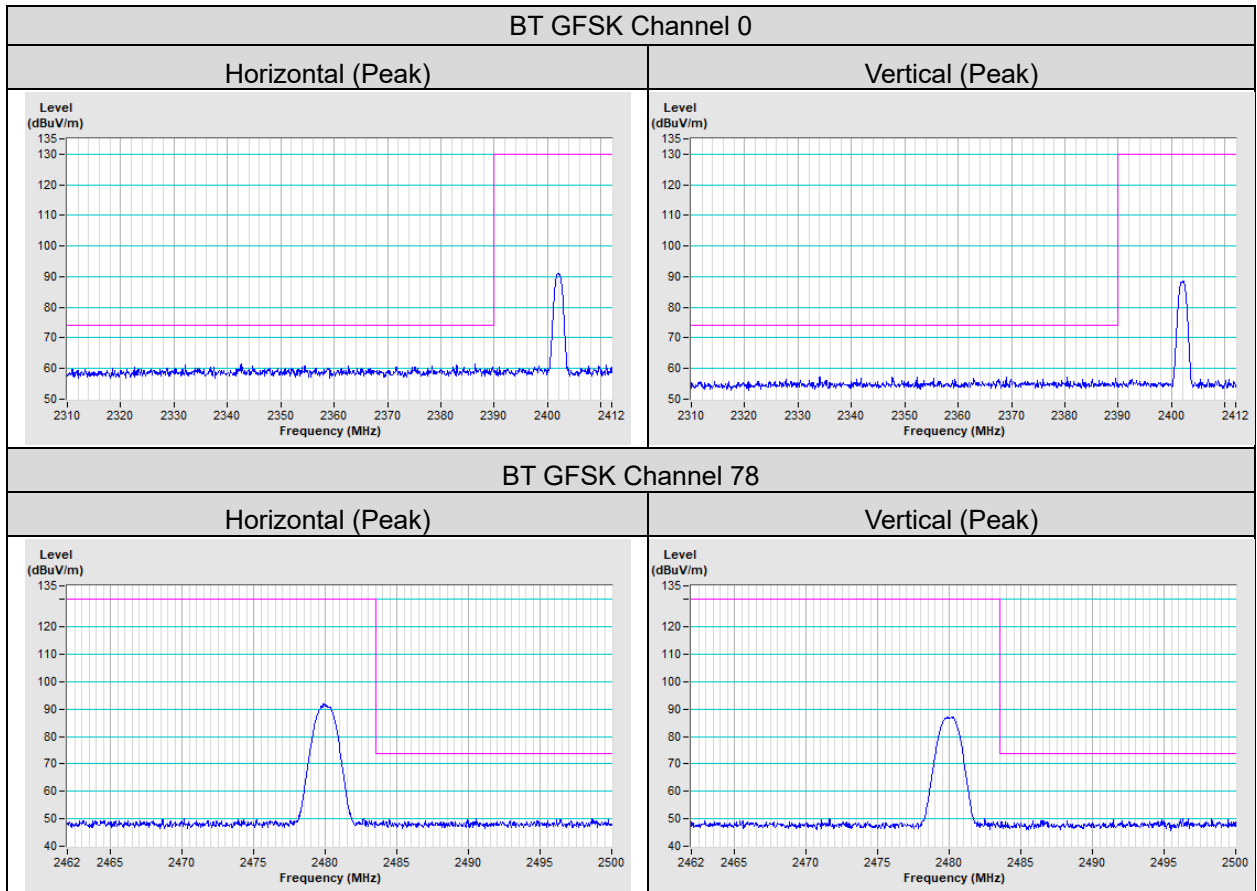
Please refer to the attached file (Test Setup Photo).

Annex A - Band Edge Measurement

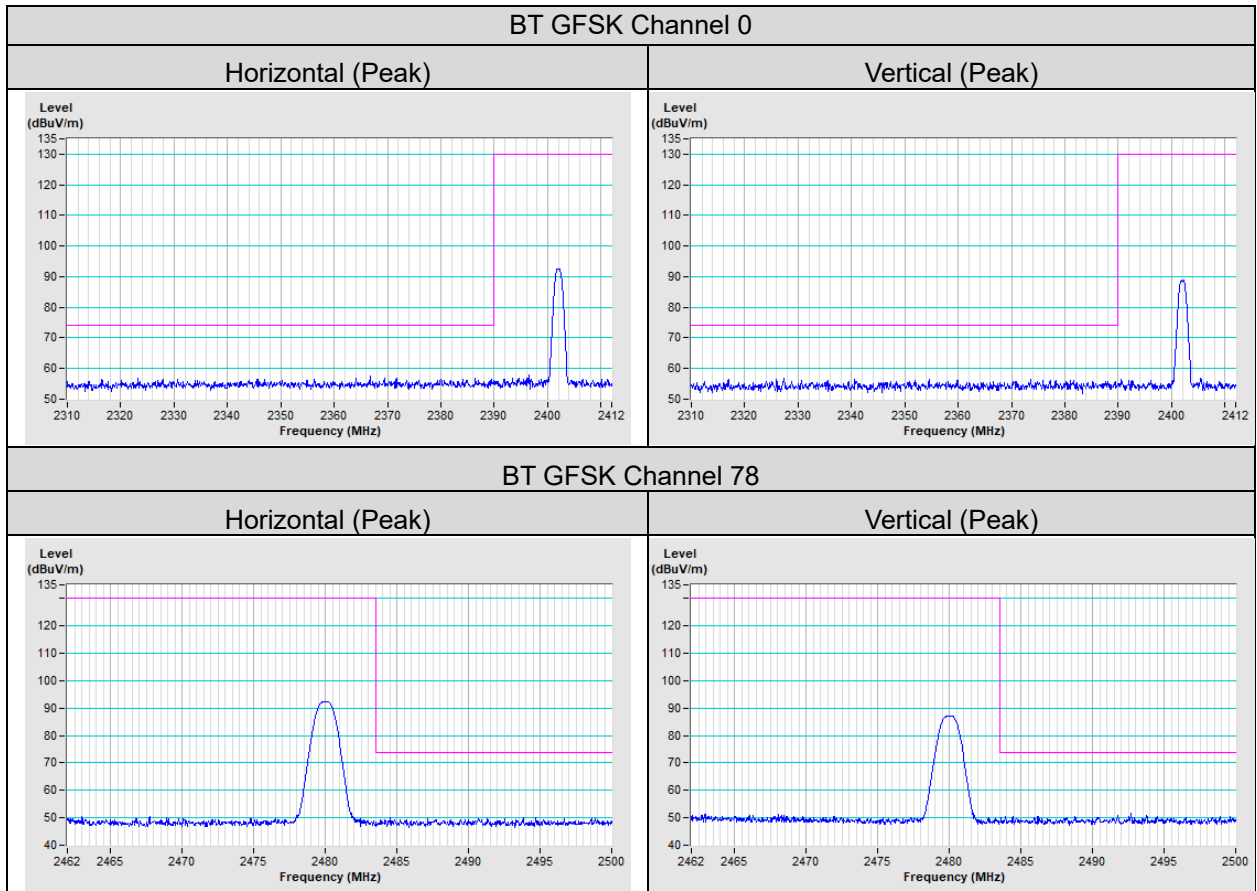
Test Mode A



Test Mode B



Test Mode C



Appendix – Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

Lin Kou EMC/RF Lab

Tel: 886-2-26052180

Fax: 886-2-26051924

Hsin Chu EMC/RF/Telecom Lab

Tel: 886-3-6668565

Fax: 886-3-6668323

Hwa Ya EMC/RF/Safety Lab

Tel: 886-3-3183232

Fax: 886-3-3270892

Email: service.adt@tw.bureauveritas.com

Web Site: www.bureauveritas-adt.com

The address and road map of all our labs can be found in our web site also.

--- END ---