



CFR 47 FCC PART 15 SUBPART C

CERTIFICATION TEST REPORT

For

DJI High-Bright Remote Monitor

MODEL NUMBER: RXD2

FCC ID: 2ANDR-RXD2202109

REPORT NUMBER: 4789980498.1-2-6

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Prepared for

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Revision History

| Rev. | Issue Date | Revisions | Revised By |
|------|------------|--|------------|
| V0 | 07/15/2021 | Initial Issue | Mick Zhang |
| V1 | 08/20/2021 | Update product name to "DJI High-Bright Remote Monitor" Updated modulation to OFDM (QPSK, 16QAM, 64QAM) | Mick Zhang |
| V2 | 10/18/2021 | Divide the report into FCC and ISED | Mick Zhang |



| Summary of Test Results | | | |
|--|---|---|--------------|
| Clause | Test Items | FCC Rules | Test Results |
| 1 | 6dB Bandwidth and 99% Occupied Bandwidth | FCC Part 15.247 (a) (2) | Pass |
| 2 | Conducted Output Power | FCC Part 15.247 (b) (3) | Pass |
| 3 | Power Spectral Density | FCC Part 15.247 (e) | Pass |
| 4 | Conducted Bandedge and Spurious Emission | FCC Part 15.247 (d) | Pass |
| 5 | Radiated Bandedge and Spurious Emission | FCC Part 15.247 (d) FCC Part 15.209 FCC Part 15.205 | Pass |
| 6 | Conducted Emission Test for AC Power Port | FCC Part 15.207 | Pass |
| 7 | Antenna Requirement | FCC Part 15.203 | Pass |
| <p>Note:</p> <p>1. This test report is only published to and used by the applicant, and it is not for evidence purpose in China.</p> <p>2. The measurement result for the sample received is <Pass> according to < CFR 47 FCC PART 15 SUBPART C > when <Accuracy Method> decision rule is applied.</p> | | | |



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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name: SZ DJI Osmo Technology Co.,Ltd.
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Shenzhen

Manufacturer Information

Company Name: SZ DJI Osmo Technology Co.,Ltd.
Address: 4F, Jingkou Community Comprehensive Service Building, No. 83
Bishui Road North, Guangming Street, Guangming District,
Shenzhen

EUT Information

EUT Name: DJI High-Bright Remote Monitor
Model: RXD2
Brand: DJI
Sample Received Date: June 03, 2021
Sample Status: Normal
Sample ID: 3991066
Date of Tested: June 03, 2021 ~ July 15, 2021

| APPLICABLE STANDARDS | |
|------------------------------|--------------|
| STANDARD | TEST RESULTS |
| CFR 47 FCC PART 15 SUBPART C | PASS |

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2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with KDB 558074 D01 15.247 Meas Guidance v05r02, KDB 414788 D01 Radiated Test Site v01r01, CFR 47 FCC Part 2, CFR 47 FCC Part 15, ANSI C63.10-2013.

3. FACILITIES AND ACCREDITATION

| | |
|---------------------------|--|
| Accreditation Certificate | <p>A2LA (Certificate No.: 4102.01) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA.</p> <p>FCC (FCC Designation No.: CN1187) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules</p> <p>ISED (Company No.: 21320) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046.</p> <p>VCCI (Registration No.: G-20019, R-20004, C-20012 and T-20011) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the Membership No. is 3793. Facility Name: Chamber D, the VCCI registration No. is G-20019 and R-20004 Shielding Room B, the VCCI registration No. is C-20012 and T-20011</p> |
|---------------------------|--|

Note 1: All tests measurement facilities use to collect the measurement data are located at Building 10, Innovation Technology Park, Song Shan Lake Hi tech Development Zone, Dongguan, 523808, China

Note 2: The test anechoic chamber in UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch had been calibrated and compared to the open field sites and the test anechoic chamber is shown to be equivalent to or worst case from the open field site.

Note 3: For below 30 MHz, lab had performed measurements at test anechoic chamber and comparing to measurements obtained on an open field site. And these measurements below 30 MHz had been correlated to measurements performed on an OFS.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations and is traceable to recognize national standards.

4.2. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

| Test Item | Uncertainty |
|---|---------------------------|
| Conduction emission | 3.62 dB |
| Radiated Emission (Included Fundamental Emission) (9 kHz ~ 30 MHz) | 2.2 dB |
| Radiated Emission (Included Fundamental Emission) (30 MHz ~ 1 GHz) | 4.00 dB |
| Radiated Emission (Included Fundamental Emission) (1 GHz to 26 GHz) | 5.78 dB (1 GHz ~ 18 GHz) |
| | 5.23 dB (18 GHz ~ 26 GHz) |
| Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2. | |

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

| | |
|---------------------|---|
| EUT Name | DJI High-Bright Remote Monitor |
| Model | RXD2 |
| Radio Technology | SRD 2.4G |
| Operation frequency | 2.4G 1.4MHz Bandwidth (2403.5MHz-2469.5MHz) 2.4G 1.4MHz Bandwidth (CA Mode) (2405.12MHz-2471.12MHz) 2.4G 3MHz Bandwidth(2404.5MHz-2467.5MHz) 2.4G 3MHz Bandwidth (CA Mode) (2407.2MHz-2470.2MHz) 2.4G 10MHz Bandwidth : (2407.5MHz-2467.5MHz) 2.4G 20MHz Bandwidth : (2412.5MHz-2462.5MHz) 2.4G 40MHz Bandwidth : (2422.5MHz-2452.5MHz) |
| Modulation | OFDM (QPSK, 256QAM,64QAM, 16QAM) |
| Supply Voltage | DC 6.8V |

5.2. CHANNEL LIST

| 2.4G 1.4MHz Bandwidth (2403.5MHz-2469.5MHz) | | | | | | | |
|---|-----------------|---------|-----------------|---------|-----------------|---------|-----------------|
| Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 1 | 2403.5 | 10 | 2421.5 | 19 | 2439.5 | 28 | 2457.5 |
| 2 | 2405.5 | 11 | 2423.5 | 20 | 2441.5 | 29 | 2459.5 |
| 3 | 2407.5 | 12 | 2425.5 | 21 | 2443.5 | 30 | 2461.5 |
| 4 | 2409.5 | 13 | 2427.5 | 22 | 2445.5 | 31 | 2463.5 |
| 5 | 2411.5 | 14 | 2429.5 | 23 | 2447.5 | 32 | 2465.5 |
| 6 | 2413.5 | 15 | 2431.5 | 24 | 2449.5 | 33 | 2467.5 |
| 7 | 2415.5 | 16 | 2433.5 | 25 | 2451.5 | 34 | 2469.5 |
| 8 | 2417.5 | 17 | 2435.5 | 26 | 2453.5 | / | / |
| 9 | 2419.5 | 18 | 2437.5 | 27 | 2455.5 | / | / |

| 2.4G 1.4MHz Bandwidth-CA Mode(2405.12MHz-2471.12MHz) | | | | | | | |
|--|-----------------|---------|-----------------|---------|-----------------|---------|-----------------|
| Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 1 | 2405.12 | 10 | 2423.12 | 19 | 2441.12 | 28 | 2459.12 |
| 2 | 2407.12 | 11 | 2425.12 | 20 | 2443.12 | 29 | 2461.12 |
| 3 | 2409.12 | 12 | 2427.12 | 21 | 2445.12 | 30 | 2463.12 |
| 4 | 2411.12 | 13 | 2429.12 | 22 | 2447.12 | 31 | 2465.12 |
| 5 | 2413.12 | 14 | 2431.12 | 23 | 2449.12 | 32 | 2467.12 |
| 6 | 2415.12 | 15 | 2433.12 | 24 | 2451.12 | 33 | 2469.12 |
| 7 | 2417.12 | 16 | 2435.12 | 25 | 2453.12 | 34 | 2471.12 |
| 8 | 2419.12 | 17 | 2437.12 | 26 | 2455.12 | / | / |
| 9 | 2421.12 | 18 | 2439.12 | 27 | 2457.12 | / | / |



| 2.4G 3MHz Bandwidth Mode(2404.5MHz-2467.5MHz) | | | | | | | |
|---|-----------------|---------|-----------------|---------|-----------------|---------|-----------------|
| Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 1 | 2404.5 | 7 | 2422.5 | 13 | 2440.5 | 19 | 2458.5 |
| 2 | 2407.5 | 8 | 2425.5 | 14 | 2443.5 | 20 | 2461.5 |
| 3 | 2410.5 | 9 | 2428.5 | 15 | 2446.5 | 21 | 2464.5 |
| 4 | 2413.5 | 10 | 2431.5 | 16 | 2449.5 | 22 | 2467.5 |
| 5 | 2416.5 | 11 | 2434.5 | 17 | 2452.5 | / | / |
| 6 | 2419.5 | 12 | 2437.5 | 18 | 2455.5 | / | / |

| 2.4G 3MHz Bandwidth-CA Mode(2407.2MHz-2470.2MHz) | | | | | | | |
|--|-----------------|---------|-----------------|---------|-----------------|---------|-----------------|
| Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 1 | 2407.2 | 7 | 2425.2 | 13 | 2443.2 | 19 | 2461.2 |
| 2 | 2410.2 | 8 | 2428.2 | 14 | 2446.2 | 20 | 2464.2 |
| 3 | 2413.2 | 9 | 2431.2 | 15 | 2449.2 | 21 | 2467.2 |
| 4 | 2416.2 | 10 | 2434.2 | 16 | 2452.2 | 22 | 2470.2 |
| 5 | 2419.2 | 11 | 2437.2 | 17 | 2455.2 | / | / |
| 6 | 2422.2 | 12 | 2440.2 | 18 | 2458.2 | / | / |

| 2.4G 10MHz Bandwidth (2407.5MHz-2467.5MHz) | | | | | | | |
|--|-----------------|---------|-----------------|---------|-----------------|---------|-----------------|
| Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 1 | 2407.5 | 17 | 2423.5 | 33 | 2439.5 | 49 | 2455.5 |
| 2 | 2408.5 | 18 | 2424.5 | 34 | 2440.5 | 50 | 2456.5 |
| 3 | 2409.5 | 19 | 2425.5 | 35 | 2441.5 | 51 | 2457.5 |
| 4 | 2410.5 | 20 | 2426.5 | 36 | 2442.5 | 52 | 2458.5 |
| 5 | 2411.5 | 21 | 2427.5 | 37 | 2443.5 | 53 | 2459.5 |
| 6 | 2412.5 | 22 | 2428.5 | 38 | 2444.5 | 54 | 2460.5 |
| 7 | 2413.5 | 23 | 2429.5 | 39 | 2445.5 | 55 | 2461.5 |
| 8 | 2414.5 | 24 | 2430.5 | 40 | 2446.5 | 56 | 2462.5 |
| 9 | 2415.5 | 25 | 2431.5 | 41 | 2447.5 | 57 | 2463.5 |
| 10 | 2416.5 | 26 | 2432.5 | 42 | 2448.5 | 58 | 2464.5 |
| 11 | 2417.5 | 27 | 2433.5 | 43 | 2449.5 | 59 | 2465.5 |
| 12 | 2418.5 | 28 | 2434.5 | 44 | 2450.5 | 60 | 2466.5 |
| 13 | 2419.5 | 29 | 2435.5 | 45 | 2451.5 | 61 | 2467.5 |
| 14 | 2420.5 | 30 | 2436.5 | 46 | 2452.5 | / | / |
| 15 | 2421.5 | 31 | 2437.5 | 47 | 2453.5 | / | / |
| 16 | 2422.5 | 32 | 2438.5 | 48 | 2454.5 | / | / |



| 2.4G 20MHz Bandwidth (2412.5MHz-2462.5MHz) | | | | | | | |
|--|-----------------|---------|-----------------|---------|-----------------|---------|-----------------|
| Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 1 | 2412.5 | 14 | 2425.5 | 27 | 2438.5 | 40 | 2451.5 |
| 2 | 2413.5 | 15 | 2426.5 | 28 | 2439.5 | 41 | 2452.5 |
| 3 | 2414.5 | 16 | 2427.5 | 29 | 2440.5 | 42 | 2453.5 |
| 4 | 2415.5 | 17 | 2428.5 | 30 | 2441.5 | 43 | 2454.5 |
| 5 | 2416.5 | 18 | 2429.5 | 31 | 2442.5 | 44 | 2455.5 |
| 6 | 2417.5 | 19 | 2430.5 | 32 | 2443.5 | 45 | 2456.5 |
| 7 | 2418.5 | 20 | 2431.5 | 33 | 2444.5 | 46 | 2457.5 |
| 8 | 2419.5 | 21 | 2432.5 | 34 | 2445.5 | 47 | 2458.5 |
| 9 | 2420.5 | 22 | 2433.5 | 35 | 2446.5 | 48 | 2459.5 |
| 10 | 2421.5 | 23 | 2434.5 | 36 | 2447.5 | 49 | 2460.5 |
| 11 | 2422.5 | 24 | 2435.5 | 37 | 2448.5 | 50 | 2461.5 |
| 12 | 2423.5 | 25 | 2436.5 | 38 | 2449.5 | 51 | 2462.5 |
| 13 | 2424.5 | 26 | 2437.5 | 39 | 2450.5 | / | / |

| 2.4G 40MHz Bandwidth (2422.5MHz-2452.5MHz) | | | | | | | |
|--|-----------------|---------|-----------------|---------|-----------------|---------|-----------------|
| Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 1 | 2422.5 | 9 | 2430.5 | 17 | 2438.5 | 25 | 2446.5 |
| 2 | 2423.5 | 10 | 2431.5 | 18 | 2439.5 | 26 | 2447.5 |
| 3 | 2424.5 | 11 | 2432.5 | 19 | 2440.5 | 27 | 2448.5 |
| 4 | 2425.5 | 12 | 2433.5 | 20 | 2441.5 | 28 | 2449.5 |
| 5 | 2426.5 | 13 | 2434.5 | 21 | 2442.5 | 29 | 2450.5 |
| 6 | 2427.5 | 14 | 2435.5 | 22 | 2443.5 | 30 | 2451.5 |
| 7 | 2428.5 | 15 | 2436.5 | 23 | 2444.5 | 31 | 2452.5 |
| 8 | 2429.5 | 16 | 2437.5 | 24 | 2445.5 | / | / |

5.3. MAXIMUM OUTPUT POWER

| SRD 2.4G | Frequency (MHz) | Channel Number | Maximum Conducted AVG Output Power (dBm) |
|--------------|-----------------------|----------------|--|
| 1.4M Mode | 2403.5MHz-2469.5MHz | 1-34[34] | 25.29 |
| 1.4M-CA Mode | 2405.12MHz-2471.12MHz | 1-34[34] | 24.98 |
| 3M Mode | 2404.5MHz-2467.5MHz | 1-22[22] | 26.79 |
| 3M-CA Mode | 2407.2MHz-2470.2MHz | 1-22[22] | 25.95 |
| 10M Mode | 2407.5MHz-2467.5MHz | 1-61[61] | 17.07 |
| 20M Mode | 2412.5MHz-2462.5MHz | 1-51[51] | 17.01 |
| 40M Mode | 2422.5MHz-2452.5MHz | 1-31[31] | 16.54 |



5.4. TEST CHANNEL CONFIGURATION

| SRD 2.4G | Test Channel Number | Frequency |
|--------------|--|---------------------------------------|
| 1.4M Mode | CH 1(Low Channel), CH 17(MID Channel), CH 34(High Channel) | 2403.5 MHz, 2435.5 MHz, 2469.5 MHz |
| 1.4M-CA Mode | CH 1(Low Channel), CH 17(MID Channel), CH 34(High Channel) | 2405.12 MHz, 2437.12 MHz, 2471.12 MHz |
| 3M Mode | CH 1(Low Channel), CH 11(MID Channel), CH 22(High Channel) | 2404.5 MHz, 2434.5 MHz, 2467.5 MHz |
| 3M-CA Mode | CH 1(Low Channel), CH 11(MID Channel), CH 22(High Channel) | 2407.2 MHz, 2437.2 MHz, 2470.2 MHz |
| 10M Mode | CH 1(Low Channel), CH 31(MID Channel), CH 61(High Channel) | 2407.5 MHz, 2437.5 MHz, 2467.5 MHz |
| 20M Mode | CH 1(Low Channel), CH 26(MID Channel), CH 51(High Channel) | 2412.5 MHz, 2437.5 MHz, 2462.5 MHz |
| 40M Mode | CH 1(Low Channel), CH 16(MID Channel), CH 31(High Channel) | 2422.5 MHz, 2437.5 MHz, 2452.5 MHz |

5.5. THE WORSE CASE POWER SETTING PARAMETER

| The Worse Case Power Setting Parameter under 2400 ~ 2483.5MHz Band | | | | |
|--|-------------------------|------------------------------------|-------------|--------------|
| Test Software | | DjiSdrConsole | | |
| Modulation Mode | Transmit Antenna Number | Test Software setting value | | |
| | | NCB: 1.4MHz/3MHz/10MHz/20MHz/40MHz | | |
| | | Low Channel | MID Channel | High Channel |
| All | All | Default | Default | Default |

5.6. THE WORSE CASE CONFIGURATIONS

The EUT was tested in the following configuration(s):

Controlled in test mode using a software application on the EUT supplied by customer. The application was used to enable a continuous transmission and to select the mode, test channels, bandwidth, data rates as required.

Test channels referring to section 5.4.

Maximum power setting referring to section 5.5.

Worst case Data Rates declared by the customer:

- SRD 2.4G-1.4M Mode/QPSK
- SRD 2.4G-1.4M-CA Mode/QPSK
- SRD 2.4G-3M Mode/QPSK
- SRD 2.4G-3M-CA Mode/QPSK
- SRD 2.4G-10M Mode/QPSK
- SRD 2.4G-20M Mode/QPSK
- SRD 2.4G-40M Mode/QPSK

The EUT has 4 separate antennas which correspond to 4 separate antenna ports. The EUT only support 2TX4RX mode, and Only 4 TX models as ANT 0&1/ANT 0&3/ANT 2&1/ANT 2&3 were used.

The measured additional path loss was included in any path loss calculations for all RF cable used during tested.

Duty cycle and occupied channel bandwidth tests, only one chain were tested since the duty cycle and bandwidth does not change depending on chains used.

The EUT support Cyclic Shift Diversity (CDD), They use the same conducted power per chain in any given mode, so we only chose the worst-case mode CDD 2TX at ANT 0&1 for final testing.

5.7. DESCRIPTION OF AVAILABLE ANTENNAS

| Antenna | Frequency (MHz) | Antenna Type | MAX Antenna Gain (dBi) |
|---------|-----------------|----------------|------------------------|
| 0 | 2400-2483.5 | Dipole antenna | 2.5 |
| 1 | 2400-2483.5 | Dipole antenna | 2.5 |
| 2 | 2400-2483.5 | Dipole antenna | 2.5 |
| 3 | 2400-2483.5 | Dipole antenna | 2.5 |

The EUT support Cyclic Shift Diversity(CDD) mode.

MIMO output power port and MIMO PSD port summing was performed in accordance with KDB 662911 D01. For the CDD results the Directional Gain was calculated in accordance with the following method.

For output power measurements:

Directional gain= $G_{ANT} + \text{Array Gain} = 2.5 \text{ dBi}$

G_{ANT} : equal to the gain of the antenna having the highest gain

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$

For power spectral density (PSD) measurements:

Directional gain= $G_{ANT} + \text{Array Gain} = 5.51 \text{ dBi}$

Array Gain = $10 \log(N_{ANT}/N_{SS}) \text{ dB}$.

N_{ANT} : number of transmit antennas

N_{SS} : number of spatial streams, the worst case directional gain will occur when $N_{SS} = 1$

Note: The value of the antenna gain was declared by customer. The customer declared that SRD 2.4G and SRD 5G can't transmit simultaneously.

| Test Mode | Transmit and Receive Mode | Description |
|----------------|--|---|
| 1.4MHz Mode | <input checked="" type="checkbox"/> 2TX, 4RX | ANT 0,1, 2,3 can be used as transmitting and receiving antenna. |
| 1.4MHz-CA Mode | <input checked="" type="checkbox"/> 2TX, 4RX | ANT 0,1, 2,3 can be used as transmitting and receiving antenna. |
| 3MHz Mode | <input checked="" type="checkbox"/> 2TX, 4RX | ANT 0,1, 2,3 can be used as transmitting and receiving antenna. |
| 3MHz-CA Mode | <input checked="" type="checkbox"/> 2TX, 4RX | ANT 0,1, 2,3 can be used as transmitting and receiving antenna. |
| 10MHz Mode | <input checked="" type="checkbox"/> 2TX, 4RX | ANT 0,1, 2,3 can be used as transmitting and receiving antenna. |
| 20MHz Mode | <input checked="" type="checkbox"/> 2TX, 4RX | ANT 0,1, 2,3 can be used as transmitting and receiving antenna. |
| 40MHz Mode | <input checked="" type="checkbox"/> 2TX, 4RX | ANT 0,1, 2,3 can be used as transmitting and receiving antenna. |

Note: The EUT only support 2TX4RX mode, and Only 4 TX models as ANT 0&1/ANT 0&3/ANT 2&1/ANT 2&3 were used.

5.8. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

| Item | Equipment | Brand Name | Model Name | Remarks |
|------|-------------------------------|------------|---------------|---------|
| 1 | Laptop | Lenovo | ThinkPad E480 | / |
| 2 | Earphone | apple | / | / |
| 3 | Monitor | DELL | P2419H | / |
| 4 | DJI Ronin 4D Hand Grips Combo | DJI | EGP | / |
| 5 | SD card | / | / | / |

I/O CABLES

| Cable No | Port | Connector Type | Cable Type | Cable Length(m) | Remarks |
|----------|------------|----------------|------------|-----------------|---------|
| 1 | USB | / | / | 1.0 | / |
| 2 | HDMI Cable | NO | NO | 1.5m | / |
| 3 | HDMI Cable | NO | NO | 1.5m | / |

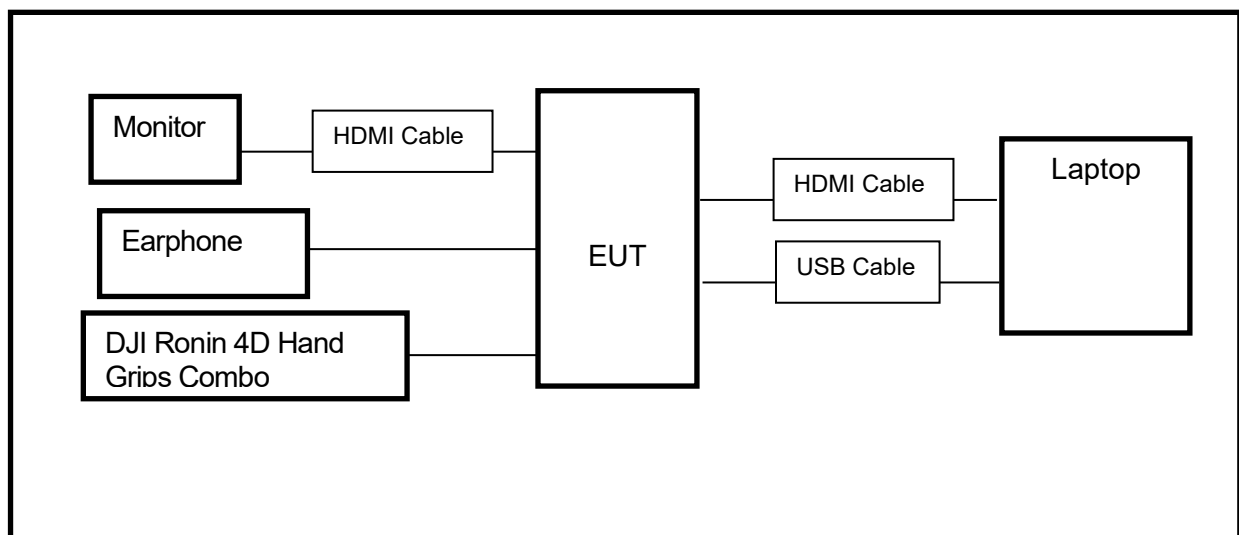
ACCESSORIES

| Item | Accessory | Brand Name | Model Name | Description |
|------|-----------|------------|------------|-------------|
| / | / | / | / | / |

TEST SETUP

The EUT can work in engineering mode with a software.

SETUP DIAGRAM FOR TESTS





6. MEASURING INSTRUMENT AND SOFTWARE USED

| Conducted Emissions | | | | | | |
|-------------------------------------|---|---------------|-----------------------------|---------------|----------------|----------------|
| Instrument | | | | | | |
| Used | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
| <input checked="" type="checkbox"/> | EMI Test Receiver | R&S | ESR3 | 101961 | Nov. 12, 2020 | Nov. 11, 2021 |
| <input checked="" type="checkbox"/> | Two-Line V-Network | R&S | ENV216 | 101983 | Nov. 12, 2020 | Nov. 11, 2021 |
| Software | | | | | | |
| Used | Description | | Manufacturer | Name | | Version |
| <input checked="" type="checkbox"/> | Test Software for Conducted disturbance | | Farad | EZ-EMC | | Ver. UL-3A1 |
| Radiated Emissions | | | | | | |
| Instrument | | | | | | |
| Used | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
| <input checked="" type="checkbox"/> | MXE EMI Receiver | KESIGHT | N9038A | MY56400036 | Nov. 12, 2020 | Nov. 11, 2021 |
| <input checked="" type="checkbox"/> | Hybrid Log Periodic Antenna | TDK | HLP-3003C | 130960 | Aug. 11, 2018 | Aug. 10, 2021 |
| <input checked="" type="checkbox"/> | Preamplifier | HP | 8447D | 2944A09099 | Nov. 12, 2020 | Nov. 11, 2021 |
| <input checked="" type="checkbox"/> | EMI Measurement Receiver | R&S | ESR26 | 101377 | Nov. 12, 2020 | Nov. 11, 2021 |
| <input checked="" type="checkbox"/> | Horn Antenna | TDK | HRN-0118 | 130939 | Sept. 17, 2018 | Sept. 17, 2021 |
| <input checked="" type="checkbox"/> | Preamplifier | TDK | PA-02-0118 | TRS-305-00067 | Nov. 20, 2020 | Nov. 19, 2021 |
| <input checked="" type="checkbox"/> | Horn Antenna | Schwarzbeck | BBHA9170 | #691 | Aug. 11, 2018 | Aug. 11, 2021 |
| <input checked="" type="checkbox"/> | Preamplifier | TDK | PA-02-2 | TRS-307-00003 | Nov. 12, 2020 | Nov. 11, 2021 |
| <input checked="" type="checkbox"/> | Loop antenna | Schwarzbeck | 1519B | 00008 | Jan.17, 2019 | Jan.17,2022 |
| <input checked="" type="checkbox"/> | Preamplifier | TDK | PA-02-001-3000 | TRS-302-00050 | Nov. 12, 2020 | Nov. 11, 2021 |
| <input checked="" type="checkbox"/> | Preamplifier | Mini-Circuits | ZX60-83LN-S+ | SUP01201941 | Nov. 20, 2020 | Nov. 19, 2021 |
| <input checked="" type="checkbox"/> | High Pass Filter | Wi | WHKX10-2700-3000-18000-40SS | 23 | Nov. 12, 2020 | Nov. 11, 2021 |
| Software | | | | | | |
| Used | Description | | Manufacturer | Name | | Version |
| <input checked="" type="checkbox"/> | Test Software for Radiated disturbance | | Farad | EZ-EMC | | Ver. UL-3A1 |



| Other instruments | | | | | | |
|-------------------------------------|------------------------------|--------------|-----------|------------|---------------|---------------|
| Used | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
| <input checked="" type="checkbox"/> | Spectrum Analyzer | Keysight | N9030A | MY55410512 | Nov. 20, 2020 | Nov. 19, 2021 |
| <input checked="" type="checkbox"/> | Power sensor, Power Meter | R&S | OSP120 | 100921 | Mar.23,2021 | Mar.22,2022 |



7. ANTENNA PORT TEST RESULTS

7.1. ON TIME AND DUTY CYCLE

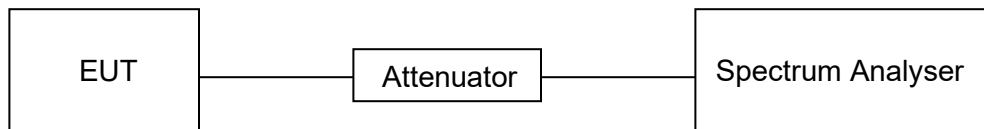
LIMITS

None; for reporting purposes only

PROCEDURE

Refer to ANSI C63.10-2013 clause 11.6 Zero – Span Spectrum Analyzer method.

TEST SETUP



TEST ENVIRONMENT

| | | | |
|---------------------|---------|-------------------|---------|
| Temperature | 25.2 °C | Relative Humidity | 54.6 % |
| Atmosphere Pressure | 101 kPa | Test Voltage | DC 6.8V |

RESULTS

Please refer to appendix G.

7.2. 6 dB DTS BANDWIDTH AND 99 % OCCUPIED BANDWIDTH

LIMITS

| CFR 47 FCC Part15 (15.247) Subpart C | | | |
|--------------------------------------|-------------------------|------------------------------|-----------------------|
| Section | Test Item | Limit | Frequency Range (MHz) |
| CFR 47 FCC 15.247(a)(2) | 6 dB Bandwidth | ≥ 500 kHz | 2400-2483.5 |
| ISED RSS-Gen Clause 6.7 | 99 % Occupied Bandwidth | For reporting purposes only. | 2400-2483.5 |

TEST PROCEDURE

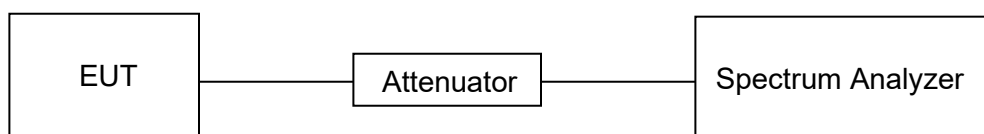
Connect the EUT to the spectrum analyser and use the following settings:

| | |
|------------------|--|
| Center Frequency | The center frequency of the channel under test |
| Frequency Span | Between 1.5 times and 5.0 times the OBW |
| Detector | Peak |
| RBW | For 6 dB Bandwidth: 100 kHz For 99 % Occupied Bandwidth: 1 % to 5 % of the occupied bandwidth |
| VBW | For 6 dB Bandwidth: $\geq 3 \times$ RBW For 99 % Occupied Bandwidth: $\geq 3 \times$ RBW |
| Trace | Max hold |
| Sweep | Auto couple |

a) Use the 99 % power bandwidth function of the instrument, allow the trace to stabilize and report the measured bandwidth.

b) Allow the trace to stabilize and measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

TEST SETUP



**TEST ENVIRONMENT**

| | | | |
|---------------------|---------|-------------------|---------|
| Temperature | 25.2 °C | Relative Humidity | 54.6 % |
| Atmosphere Pressure | 101 kPa | Test Voltage | DC 6.8V |

RESULTS

Please refer to appendix A & B.



7.3. CONDUCTED OUTPUT POWER

LIMITS

| CFR 47 FCC Part15 (15.247) Subpart C | | | |
|--------------------------------------|------------------|------------------|-----------------------|
| Section | Test Item | Limit | Frequency Range (MHz) |
| CFR 47 FCC 15.247(b)(3) | AVG Output Power | 1 watt or 30 dBm | 2400-2483.5 |

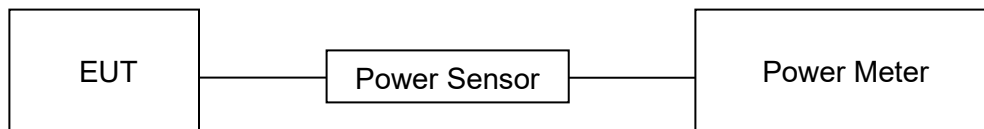
TEST PROCEDURE

Refer to ANSI C63.10-2013 clause in 11.9.2.

Connect the EUT to a low loss RF cable from the antenna port to the power sensor (video bandwidth is greater than the occupied bandwidth).

Measure peak emission level, the indicated level is the average output power, after any corrections for external attenuators and cables.

TEST SETUP



TEST ENVIRONMENT

| | | | |
|---------------------|---------|-------------------|---------|
| Temperature | 25.2 °C | Relative Humidity | 54.6 % |
| Atmosphere Pressure | 101 kPa | Test Voltage | DC 6.8V |

RESULTS

Please refer to appendix C.



7.4. POWER SPECTRAL DENSITY

LIMITS

| CFR 47 FCC Part15 (15.247) Subpart C | | | |
|--------------------------------------|------------------------|-------------|-----------------------|
| Section | Test Item | Limit | Frequency Range (MHz) |
| CFR 47 FCC §15.247 (e) | Power Spectral Density | 8 dBm/3 kHz | 2400-2483.5 |

TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 11.10.

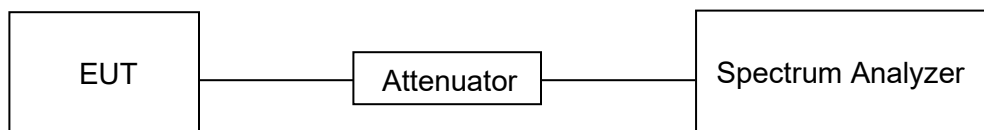
Connect the EUT to the spectrum analyser and use the following settings:

| | |
|------------------|--|
| Center Frequency | The center frequency of the channel under test |
| Detector | PEAK |
| RBW | $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$ |
| VBW | $\geq 3 \times \text{RBW}$ |
| Span | 1.5 x DTS bandwidth |
| Trace | Max hold |
| Sweep time | Auto couple |

Allow trace to fully stabilize and use the peak marker function to determine the maximum amplitude level within the RBW.

If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

TEST SETUP



TEST ENVIRONMENT

| | | | |
|---------------------|---------|-------------------|---------|
| Temperature | 25.2 °C | Relative Humidity | 54.6 % |
| Atmosphere Pressure | 101 kPa | Test Voltage | DC 6.8V |



RESULTS

Please refer to appendix D.



7.5. CONDUCTED BANDEDGE AND SPURIOUS EMISSIONS

LIMITS

| CFR 47 FCC Part15 (15.247) Subpart C | | |
|--------------------------------------|---|---|
| Section | Test Item | Limit |
| CFR 47 FCC §15.247 (d) | Conducted Bandedge and Spurious Emissions | at least 30 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power |

TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 11.11 and 11.13.

Connect the EUT to the spectrum analyser and use the following settings for reference level measurement:

| | |
|------------------|--|
| Center Frequency | The center frequency of the channel under test |
| Detector | Peak |
| RBW | 100 kHz |
| VBW | $\geq 3 \times \text{RBW}$ |
| Span | 1.5 x DTS bandwidth |
| Trace | Max hold |
| Sweep time | Auto couple. |

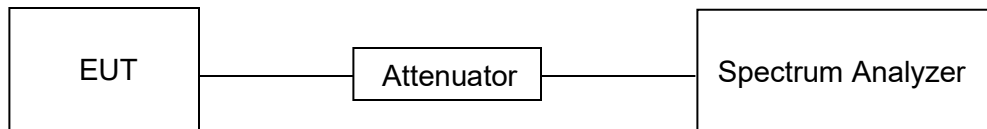
Allow trace to fully stabilize and use the peak marker function to determine the maximum PSD level.

Change the settings for emission level measurement:

| | |
|--------------------|---|
| Span | Set the center frequency and span to encompass frequency range to be measured |
| Detector | Peak |
| RBW | 100 kHz |
| VBW | $\geq 3 \times \text{RBW}$ |
| measurement points | $\geq \text{span}/\text{RBW}$ |
| Trace | Max hold |
| Sweep time | Auto couple. |

Allow trace to fully stabilize and use the peak marker function to determine the maximum PSD level. Ensure that the amplitude of all unwanted emissions outside of the authorized frequency band (excluding restricted frequency bands) is attenuated by at least the minimum requirements specified in 11.11.

TEST SETUP

**TEST ENVIRONMENT**

| | | | |
|---------------------|---------|-------------------|---------|
| Temperature | 25.2 °C | Relative Humidity | 54.6 % |
| Atmosphere Pressure | 101 kPa | Test Voltage | DC 6.8V |

RESULTS

Please refer to appendix E & F.



8. RADIATED TEST RESULTS

LIMITS

Please refer to CFR 47 FCC §15.205 and §15.209.

Radiation Disturbance Test Limit for FCC (Class B) (9 kHz ~ 1 GHz)

| Emissions radiated outside of the specified frequency bands above 30 MHz | | | |
|--|---------------------------------------|---|---------|
| Frequency Range (MHz) | Field Strength Limit (uV/m) at 3 m | Field Strength Limit (dBuV/m) at 3 m | |
| | | Quasi-Peak | |
| 30 - 88 | 100 | 40 | |
| 88 - 216 | 150 | 43.5 | |
| 216 - 960 | 200 | 46 | |
| Above 960 | 500 | 54 | |
| Above 1000 | 500 | Peak | Average |
| | | 74 | 54 |

| FCC Emissions radiated outside of the specified frequency bands below 30 MHz | | |
|--|-----------------------------------|-------------------------------|
| Frequency (MHz) | Field strength (microvolts/meter) | Measurement distance (meters) |
| 0.009-0.490 | 2400/F(kHz) | 300 |
| 0.490-1.705 | 24000/F(kHz) | 30 |
| 1.705-30.0 | 30 | 30 |

FCC Restricted bands of operation refer to FCC §15.205 (a):

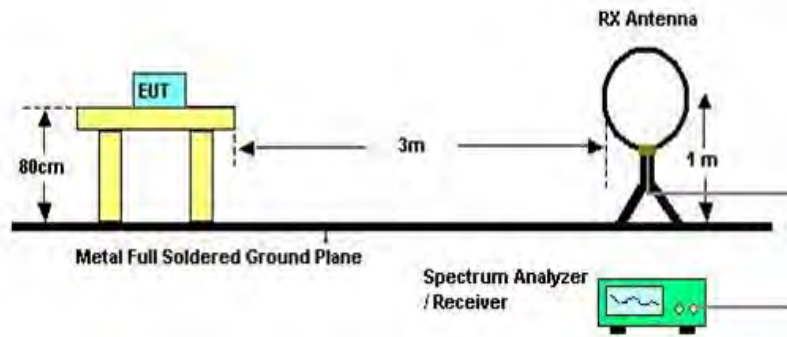
| MHz | MHz | MHz | GHz |
|--------------------------|---------------------|---------------|------------------|
| 0.090-0.110 | 16.42-16.423 | 399.9-410 | 4.5-5.15 |
| ¹ 0.495-0.505 | 16.69475-16.69525 | 608-614 | 5.35-5.46 |
| 2.1735-2.1905 | 16.80425-16.80475 | 960-1240 | 7.25-7.75 |
| 4.125-4.128 | 25.5-25.67 | 1300-1427 | 8.025-8.5 |
| 4.17725-4.17775 | 37.5-38.25 | 1435-1626.5 | 9.0-9.2 |
| 4.20725-4.20775 | 73-74.6 | 1645.5-1646.5 | 9.3-9.5 |
| 6.215-6.218 | 74.8-75.2 | 1660-1710 | 10.6-12.7 |
| 6.26775-6.26825 | 108-121.94 | 1718.8-1722.2 | 13.25-13.4 |
| 6.31175-6.31225 | 123-138 | 2200-2300 | 14.47-14.5 |
| 8.291-8.294 | 149.9-150.05 | 2310-2390 | 15.35-16.2 |
| 8.362-8.366 | 156.52475-156.52525 | 2483.5-2500 | 17.7-21.4 |
| 8.37625-8.38675 | 156.7-156.9 | 2690-2900 | 22.01-23.12 |
| 8.41425-8.41475 | 162.0125-167.17 | 3260-3267 | 23.6-24.0 |
| 12.29-12.293 | 167.72-173.2 | 3332-3339 | 31.2-31.8 |
| 12.51975-12.52025 | 240-285 | 3345.8-3358 | 36.43-36.5 |
| 12.57675-12.57725 | 322-335.4 | 3600-4400 | (²) |
| 13.36-13.41 | | | |

Note: ¹Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

²Above 38.6c

TEST SETUP AND PROCEDURE

Below 30 MHz

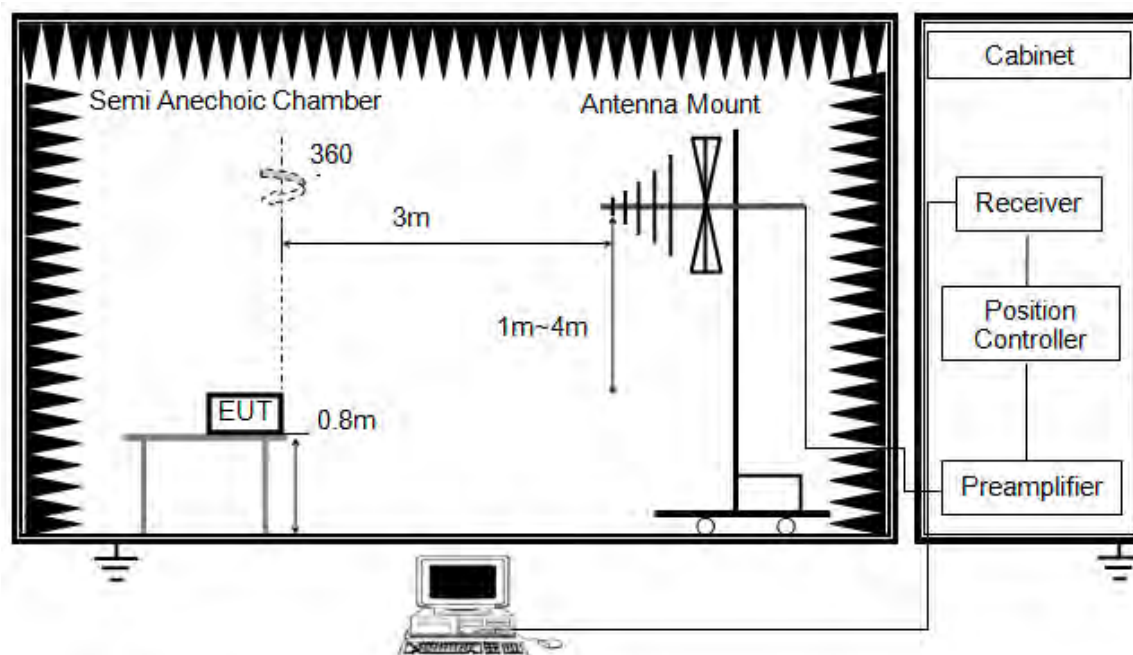


The setting of the spectrum analyser

| | |
|-------|---|
| RBW | 200 Hz (From 9 kHz to 0.15 MHz) / 9 kHz (From 0.15 MHz to 30 MHz) |
| VBW | 200 Hz (From 9 kHz to 0.15 MHz) / 9 kHz (From 0.15 MHz to 30 MHz) |
| Sweep | Auto |
| Trace | Max hold |

1. The testing follows the guidelines in ANSI C63.10-2013 clause 6.4.
2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80cm above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1 m height antenna tower.
5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.
6. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak and average detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak and average detector and reported.
7. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30 m open field site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field site based on KDB 414788.

Below 1 GHz and above 30 MHz

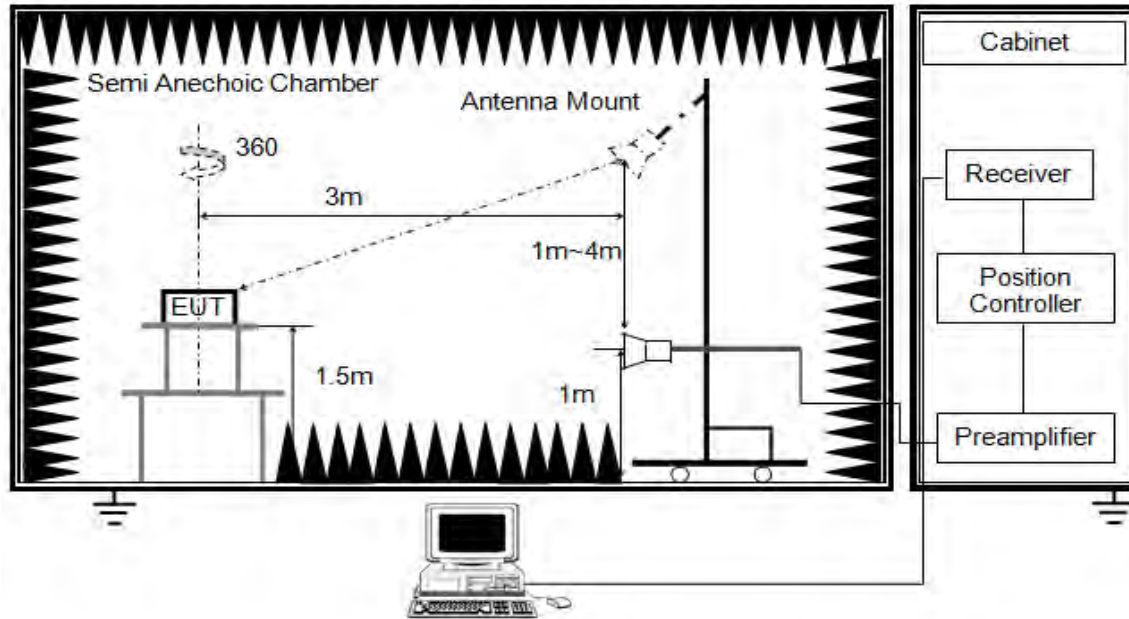


The setting of the spectrum analyser

| | |
|----------|----------|
| RBW | 120 kHz |
| VBW | 300 kHz |
| Sweep | Auto |
| Detector | Peak/QP |
| Trace | Max hold |

1. The testing follows the guidelines in ANSI C63.10-2013 clause 6.5.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80 cm above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

Above 1 GHz

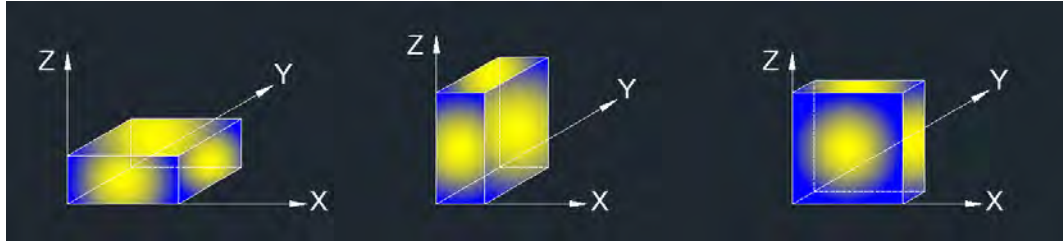


The setting of the spectrum analyser

| | |
|----------|--------------------------------|
| RBW | 1 MHz |
| VBW | PEAK: 3 MHz AVG: see note 6 |
| Sweep | Auto |
| Detector | Peak |
| Trace | Max hold |

1. The testing follows the guidelines in ANSI C63.10-2013 clause 6.6.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 1.5 m above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement above 1 GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.
6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for average measurements. For the Duty Cycle please refer to clause 7.1.ON TIME AND DUTY CYCLE.

X axis, Y axis, Z axis positions:



Note 1: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report.

Note 2: The EUT do not support transmit simultaneously for SRD 2.4G and SRD 5G.

Note 3: The EUT was fully exercised with external accessories during the test. In the case of multiple accessory external ports, an external accessory shall be connected to one of each type of port.

TEST ENVIRONMENT

| | | | |
|---------------------|---------|-------------------|---------|
| Temperature | 22.1℃ | Relative Humidity | 62.7 % |
| Atmosphere Pressure | 101 kPa | Test Voltage | DC 6.8V |

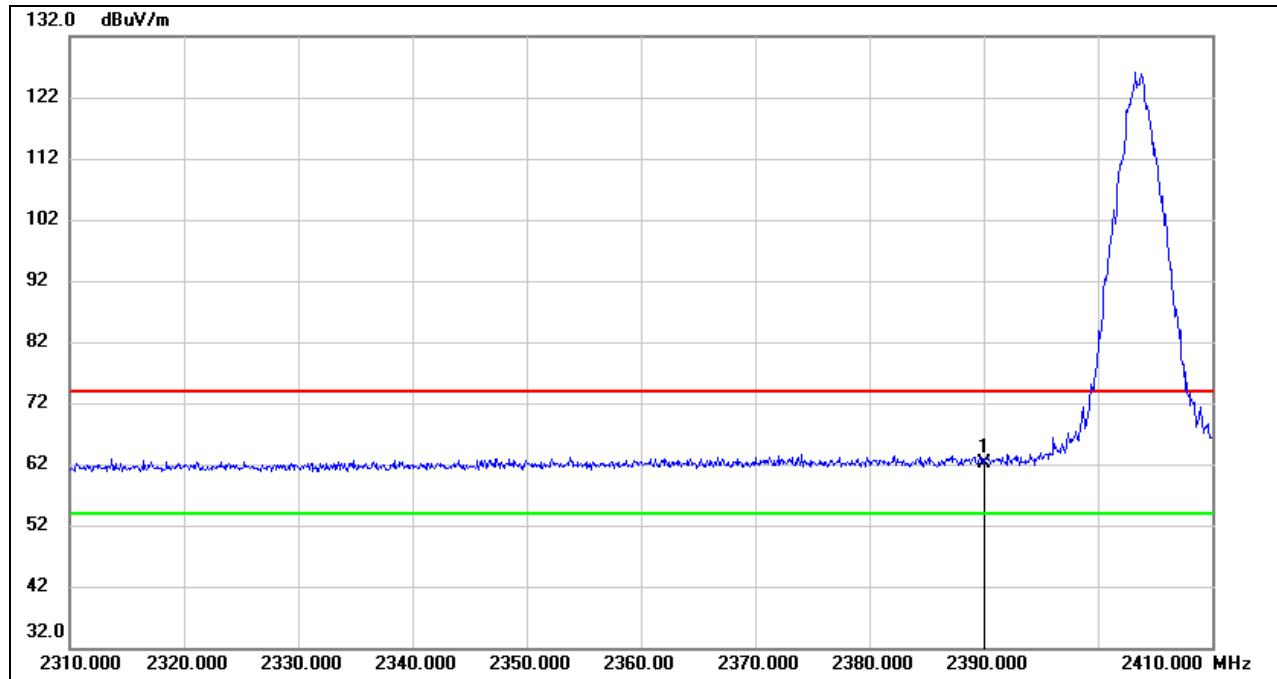
RESULTS

8.1. RESTRICTED BANDEDGE

8.1.1. 2.4G SRD 1.4MHz MODE

RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL)

PEAK



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2390.000 | 28.69 | 33.35 | 62.04 | 74.00 | -11.96 | peak |

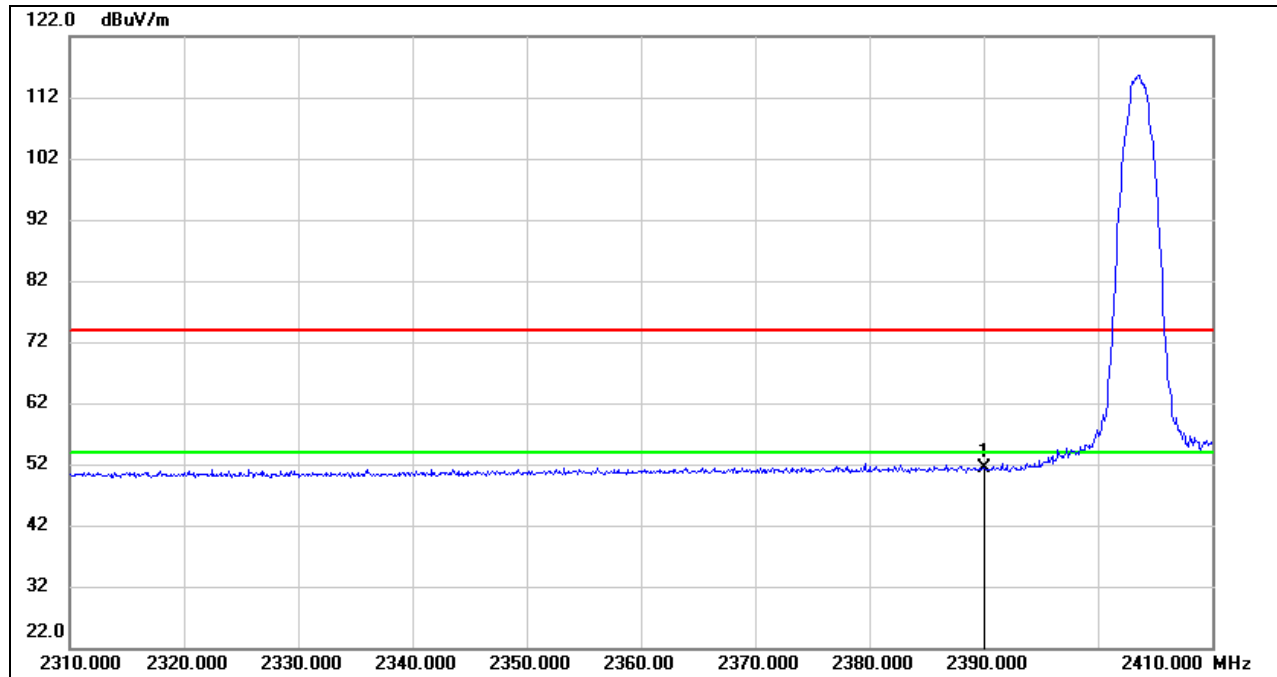
Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

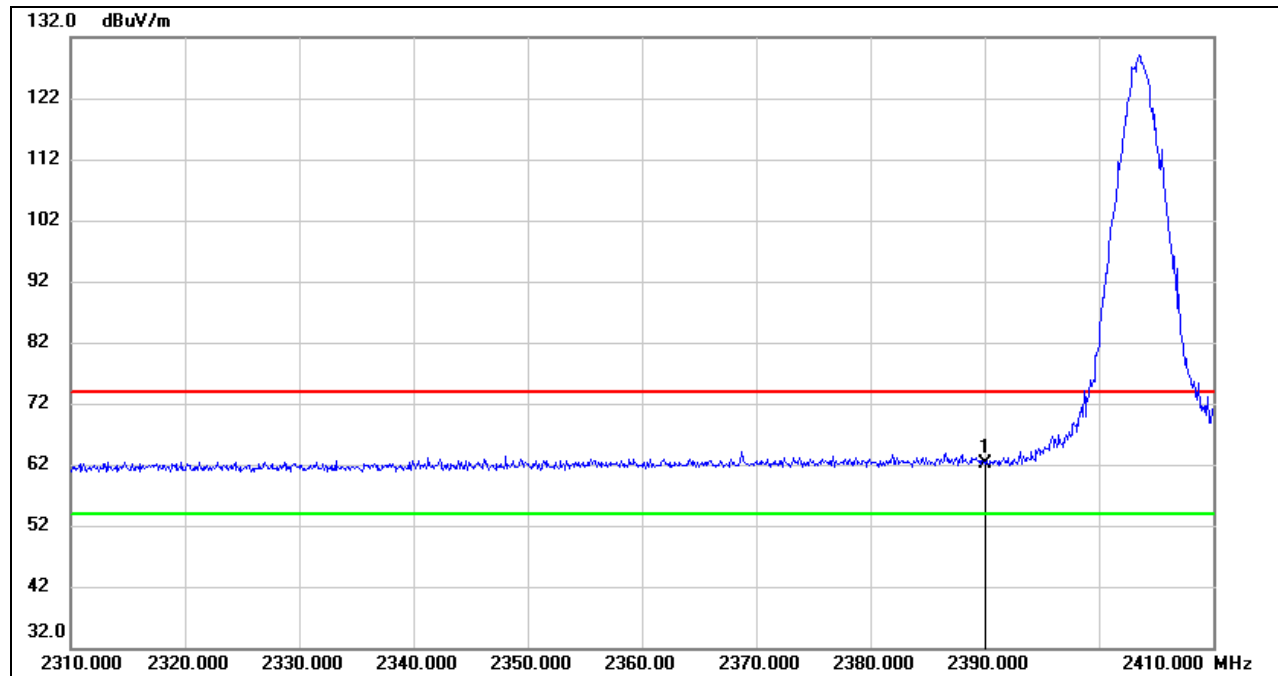
4. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

AVG



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2390.000 | 17.91 | 33.35 | 51.26 | 54.00 | -2.74 | AVG |

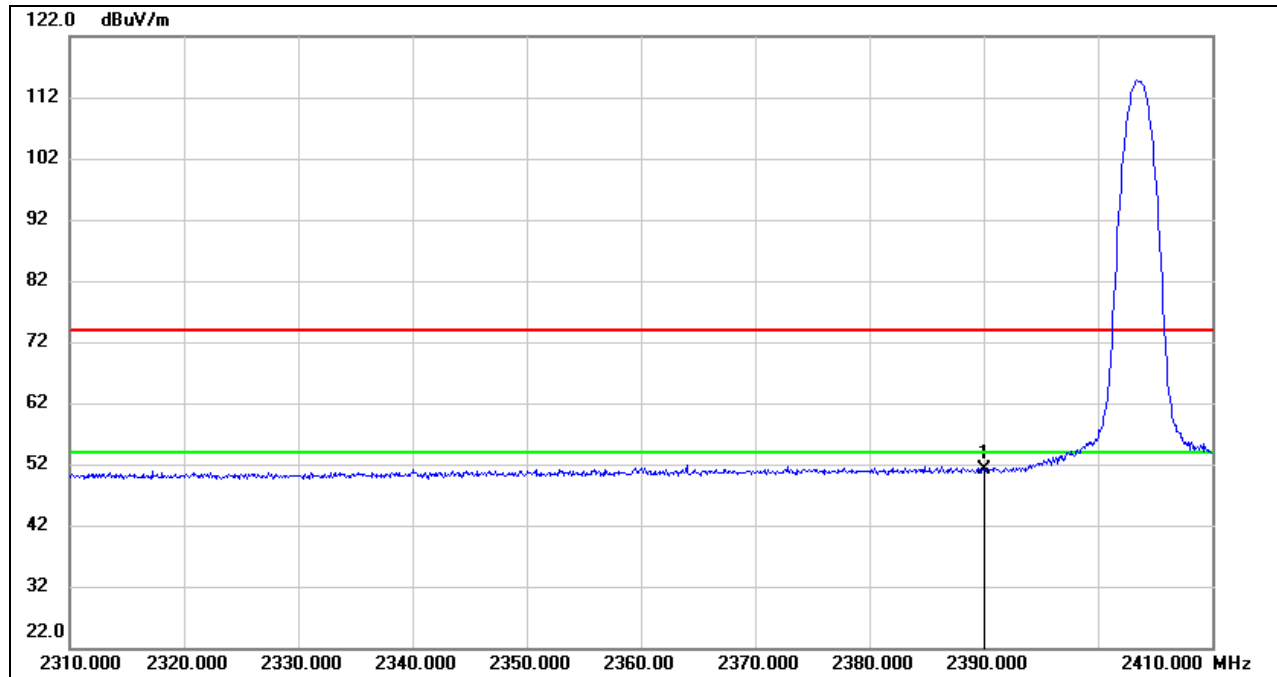
- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. AVG: $VBW=1/Ton$, where: Ton is the transmitting duration.
4. For the transmitting duration, please refer to clause 7.1.
5. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

**RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)****PEAK**

| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2390.000 | 28.75 | 33.35 | 62.10 | 74.00 | -11.90 | peak |

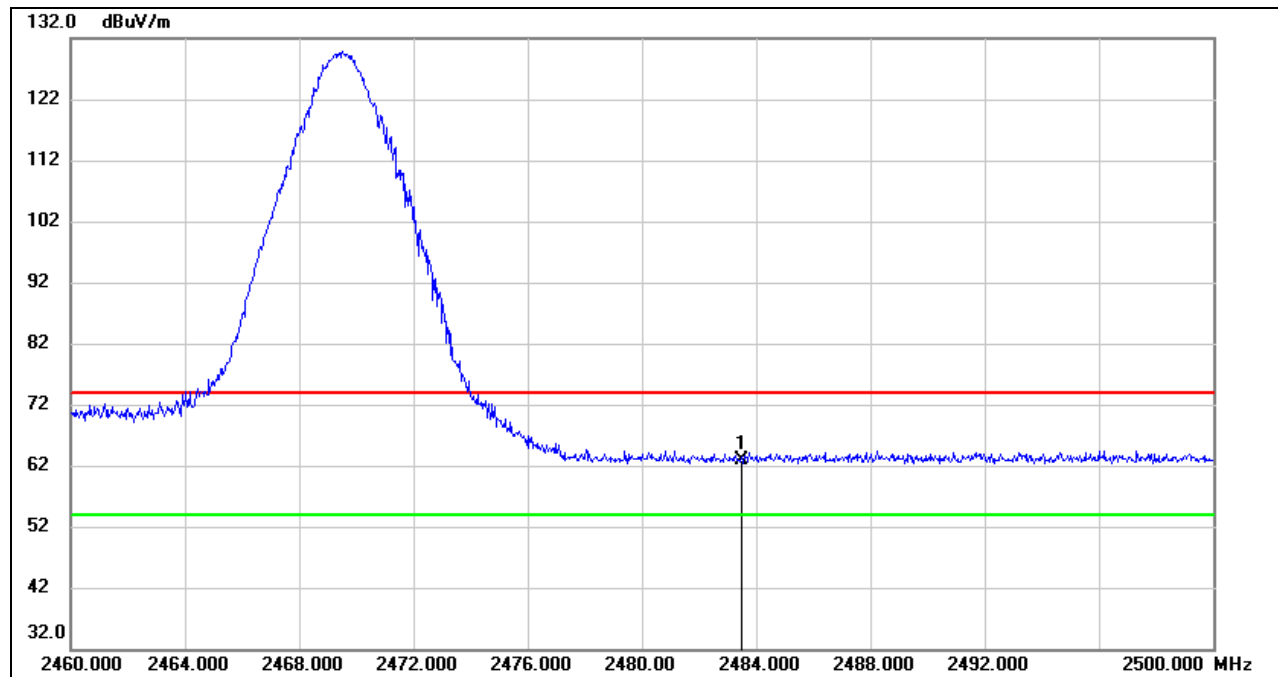
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

AVG



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2390.000 | 17.70 | 33.35 | 51.05 | 54.00 | -2.95 | AVG |

- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. AVG: $VBW=1/T_{on}$, where: T_{on} is the transmitting duration.
4. For the transmitting duration, please refer to clause 7.1.
5. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

**RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)****PEAK**

| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2483.500 | 29.08 | 33.71 | 62.79 | 74.00 | -11.21 | peak |

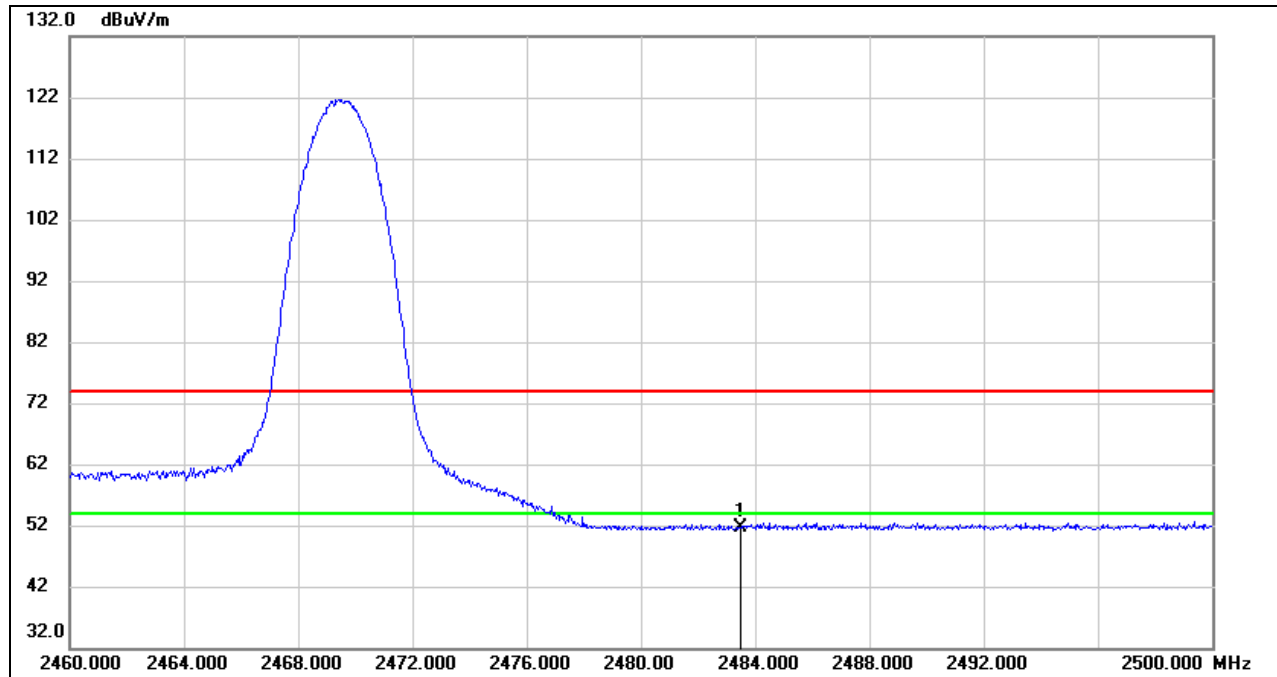
Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

AVG



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2483.500 | 18.01 | 33.71 | 51.72 | 54.00 | -2.28 | AVG |

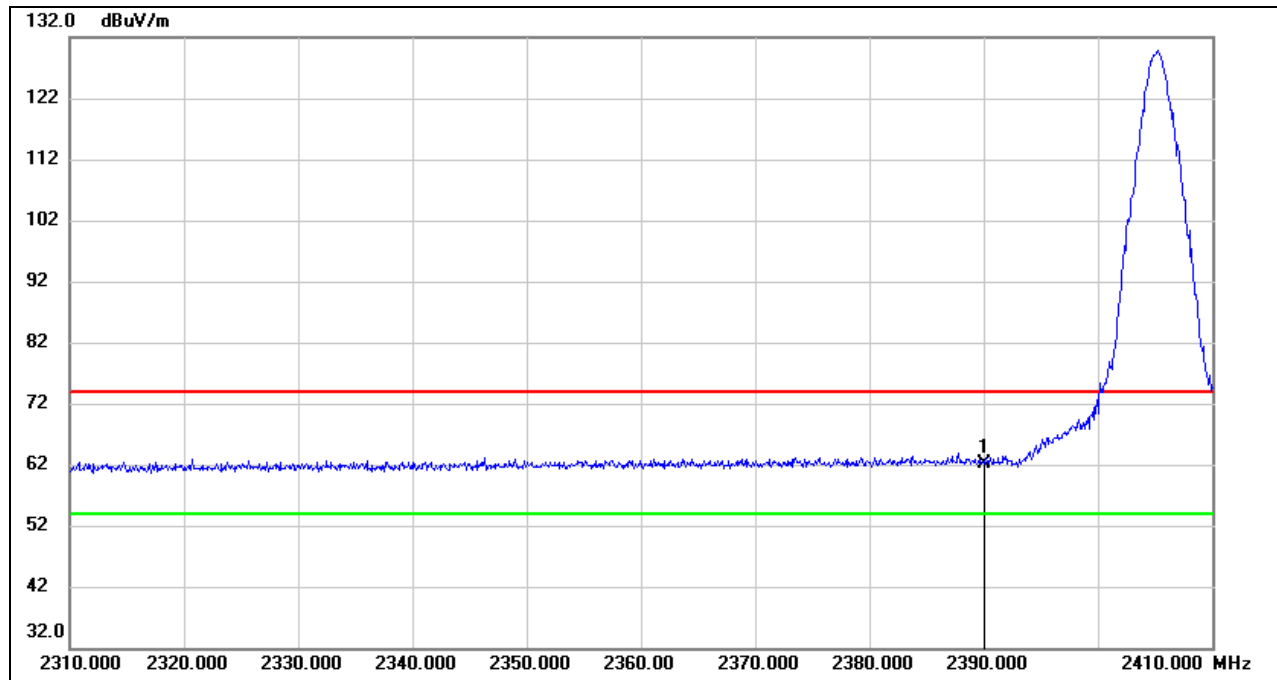
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
4. For the transmitting duration, please refer to clause 7.1.
5. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Note: Horizontal and Vertical have been tested, only the worst data was recorded in the report.

8.1.2. 2.4G SRD 1.4MHz CA MODE

RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)

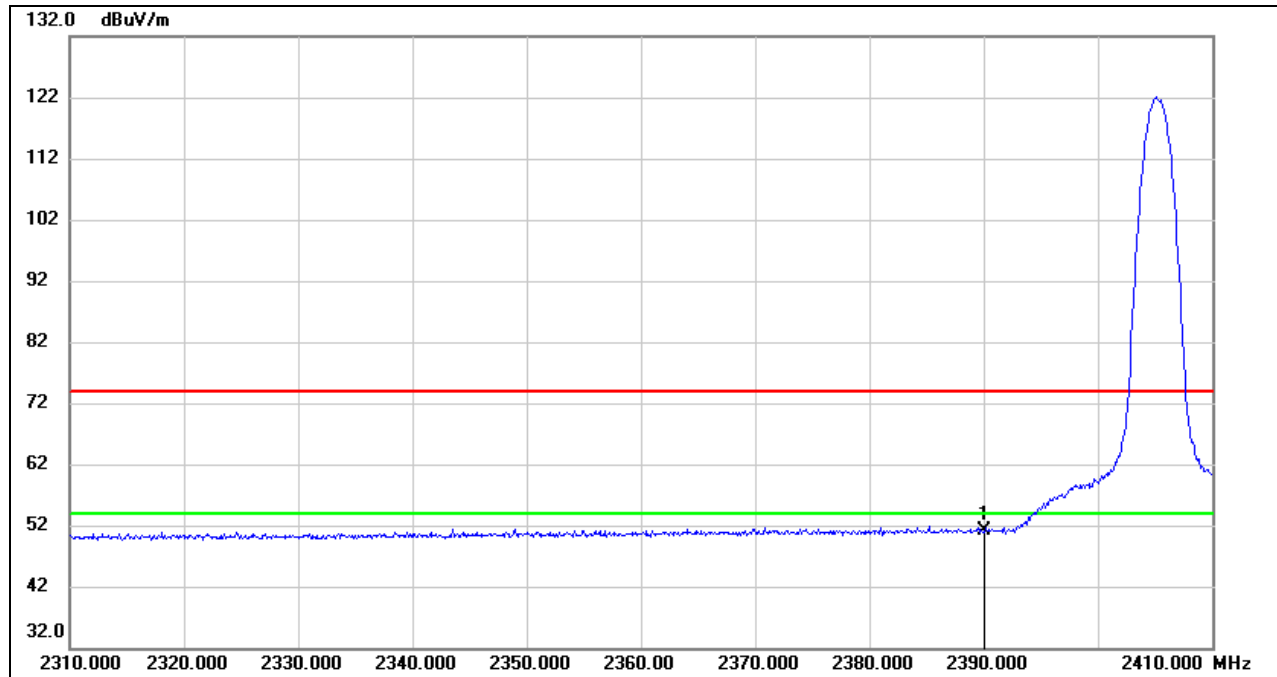
PEAK



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2390.000 | 28.81 | 33.35 | 62.16 | 74.00 | -11.84 | peak |

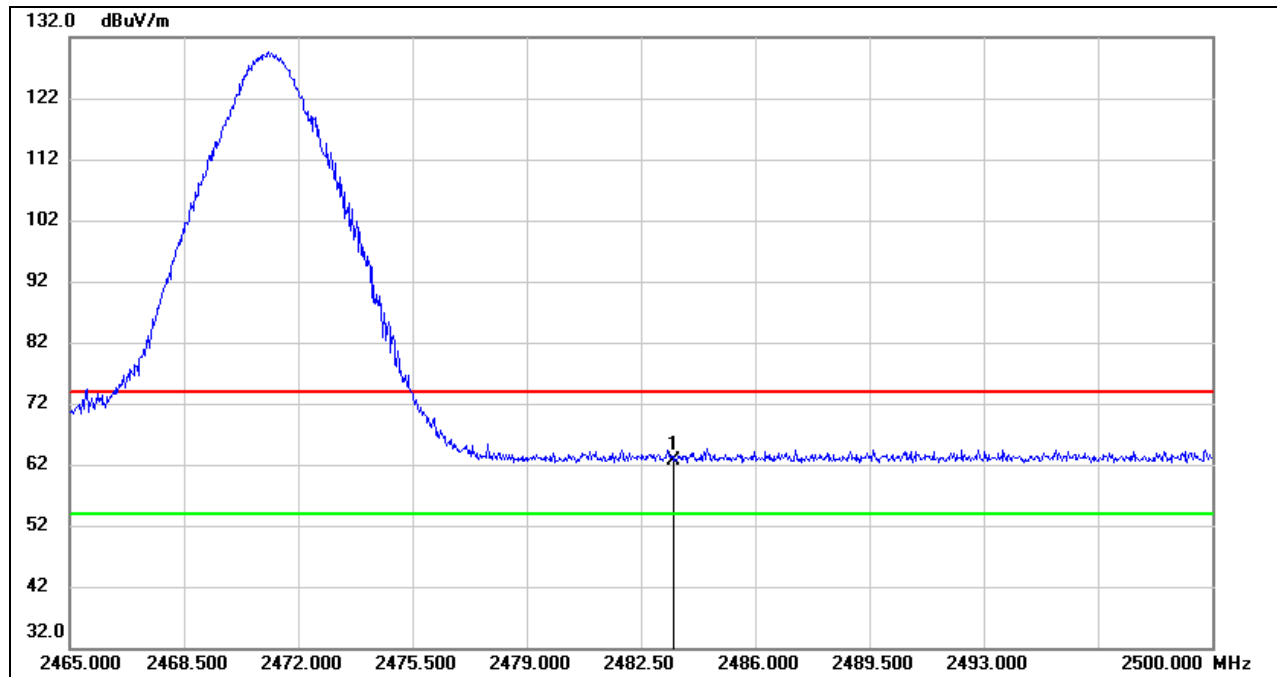
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

AVG



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2390.000 | 17.71 | 33.35 | 51.06 | 54.00 | -2.94 | AVG |

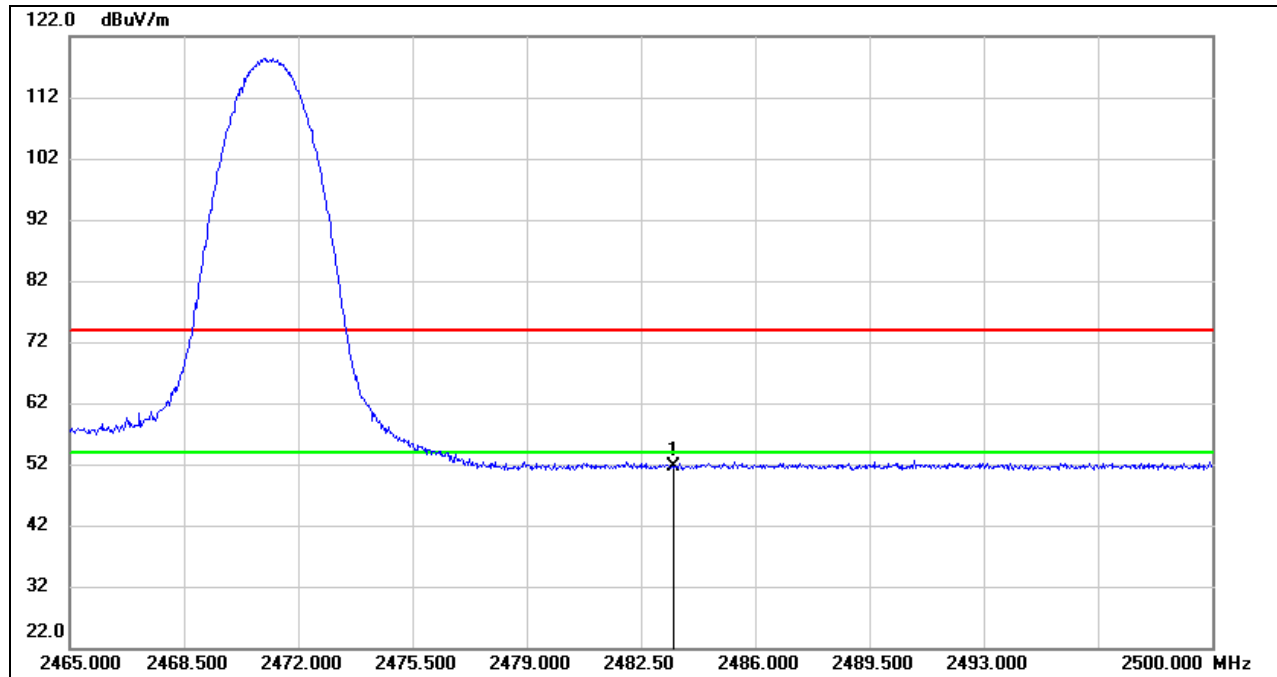
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
4. For the transmitting duration, please refer to clause 7.1.
5. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

**RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)****PEAK**

| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2483.500 | 29.02 | 33.71 | 62.73 | 74.00 | -11.27 | peak |

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

AVG



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2483.500 | 17.90 | 33.71 | 51.61 | 54.00 | -2.39 | AVG |

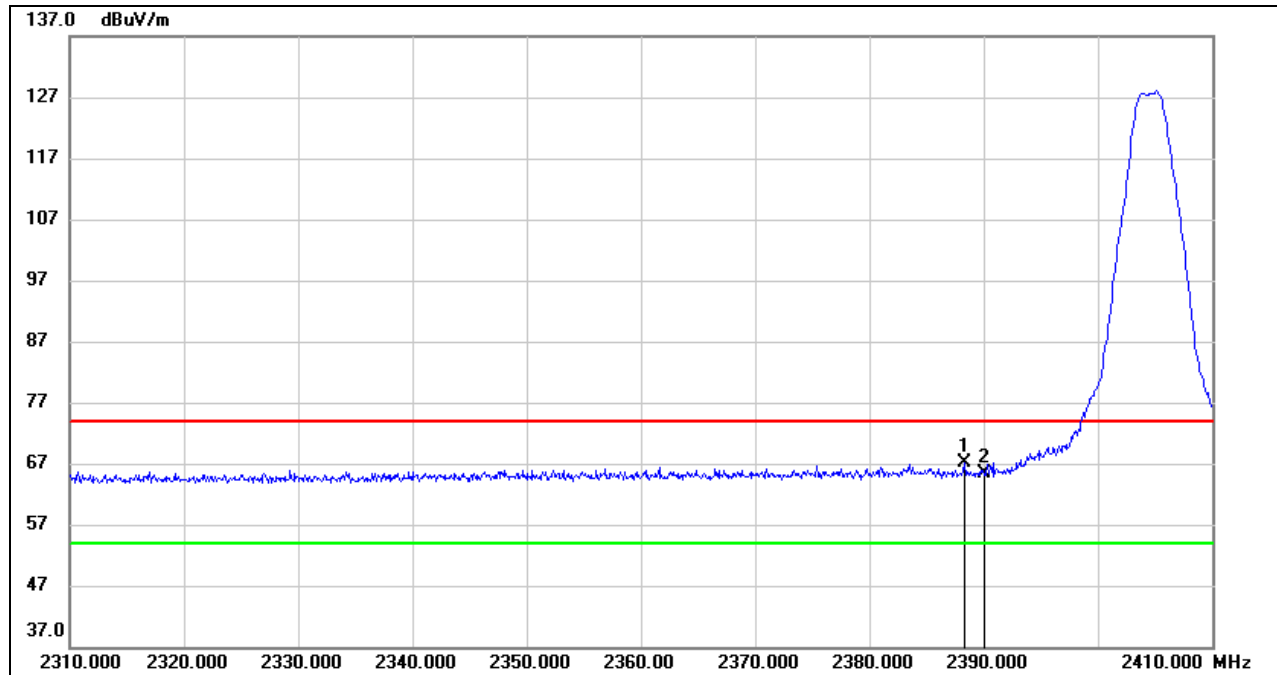
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. AVG: $VBW=1/Ton$, where: Ton is the transmitting duration.
4. For the transmitting duration, please refer to clause 7.1.
5. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Note: Horizontal and Vertical have been tested, only the worst data was recorded in the report.

8.1.3. 2.4G SRD 3MHz MODE

RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)

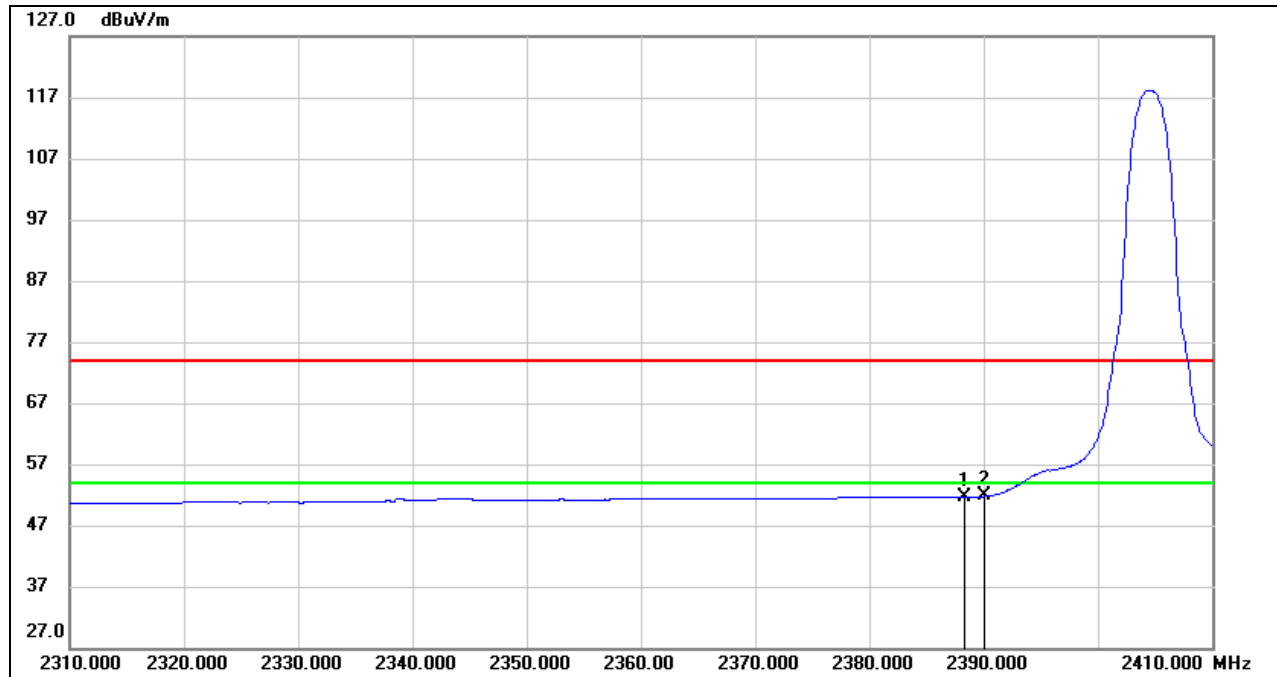
PEAK



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2388.300 | 33.90 | 33.34 | 67.24 | 74.00 | -6.76 | peak |
| 2 | 2390.000 | 32.06 | 33.35 | 65.41 | 74.00 | -8.59 | peak |

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

AVG

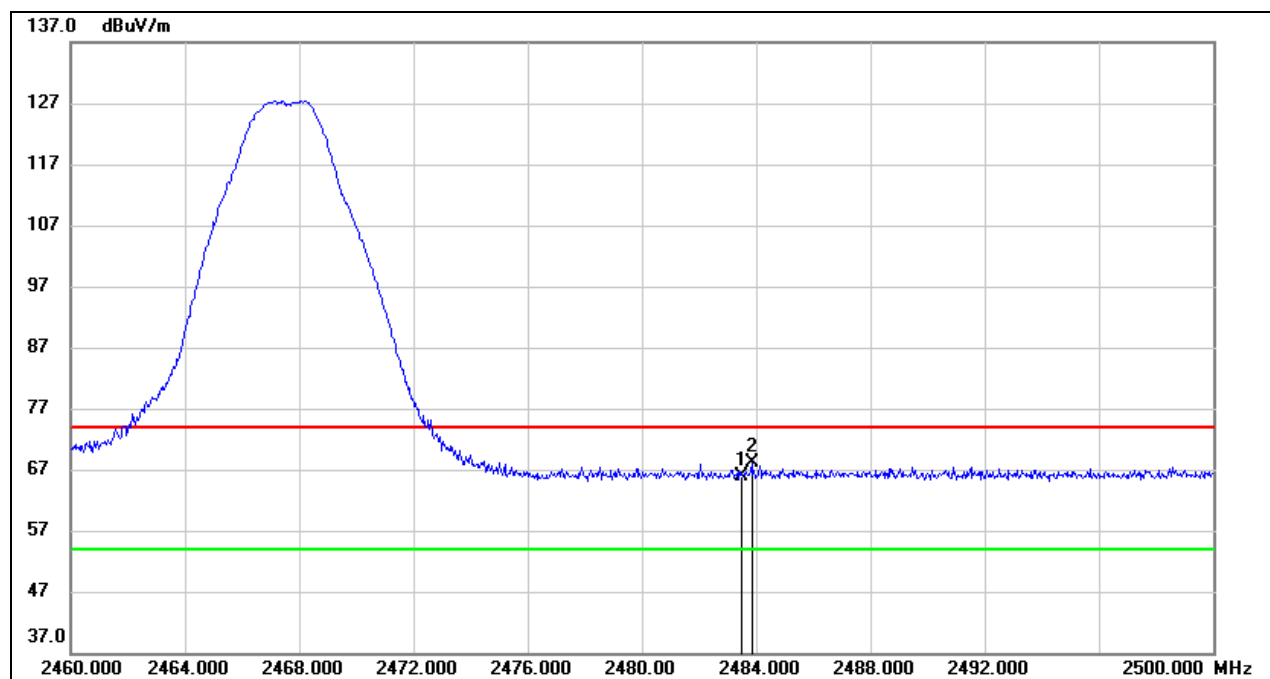


| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2388.300 | 18.32 | 33.34 | 51.66 | 54.00 | -2.34 | AVG |
| 2 | 2390.000 | 18.42 | 33.35 | 51.77 | 54.00 | -2.23 | AVG |

- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. AVG: $VBW=1/Ton$, where: Ton is the transmitting duration.
4. For the transmitting duration, please refer to clause 7.1.
5. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)

PEAK



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2483.500 | 32.29 | 33.71 | 66.00 | 74.00 | -8.00 | peak |
| 2 | 2483.840 | 34.42 | 33.71 | 68.13 | 74.00 | -5.87 | peak |

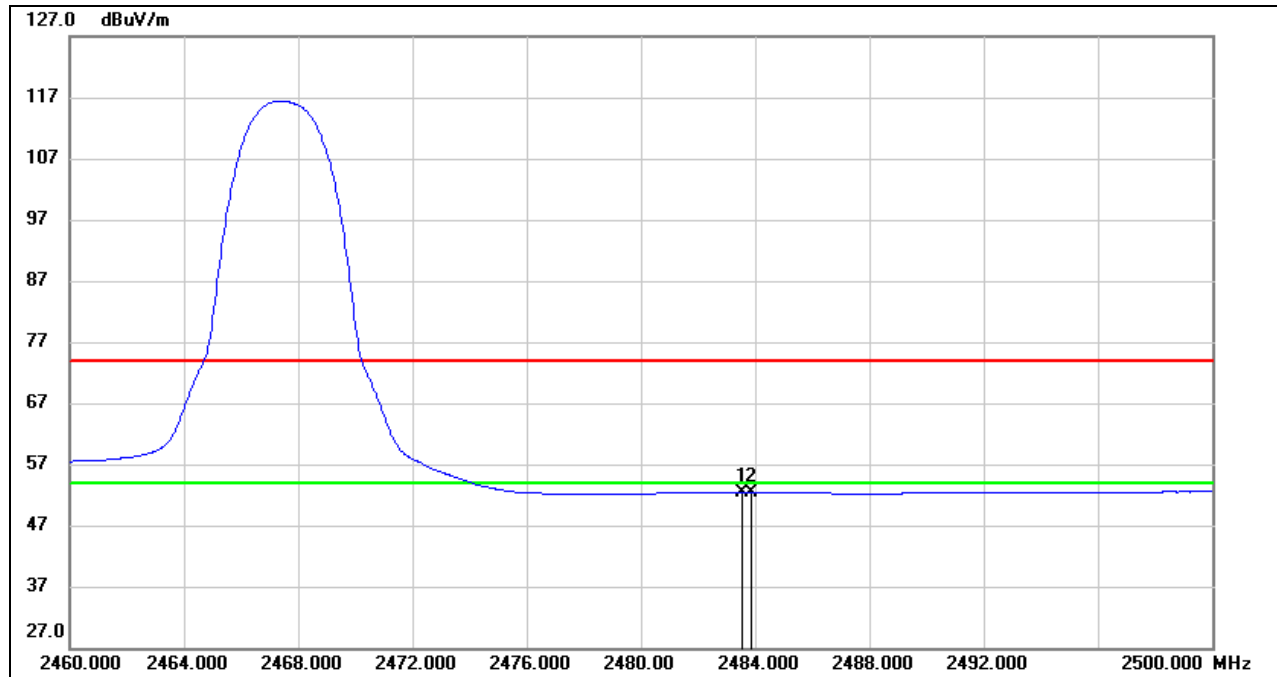
Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

AVG



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2483.500 | 18.65 | 33.71 | 52.36 | 54.00 | -1.64 | AVG |
| 2 | 2483.840 | 18.66 | 33.71 | 52.37 | 54.00 | -1.63 | AVG |

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. AVG: $VBW = 1/Ton$, where: Ton is the transmitting duration.
4. For the transmitting duration, please refer to clause 7.1.
5. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

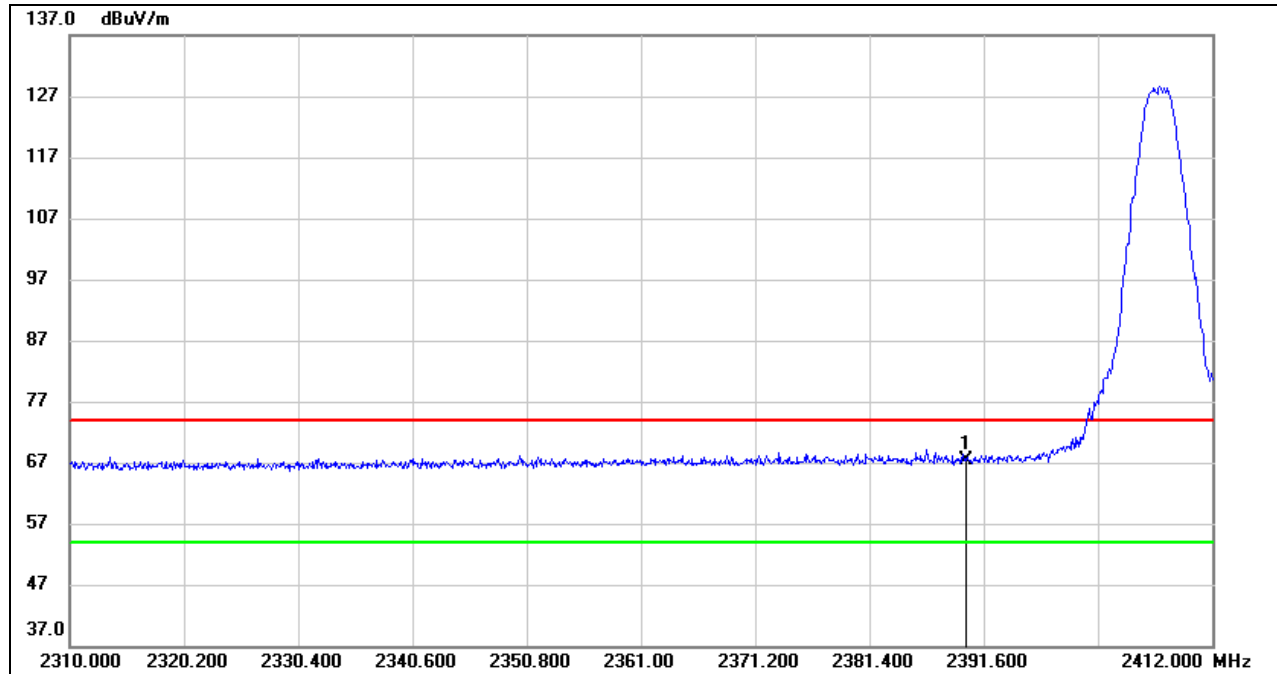
Note: Horizontal and Vertical have been tested, only the worst data was recorded in the report.

Note: All the modes and channels had been tested, but only the worst data was recorded in the report.

8.1.4. 2.4G SRD 3MHz CA MODE

RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)

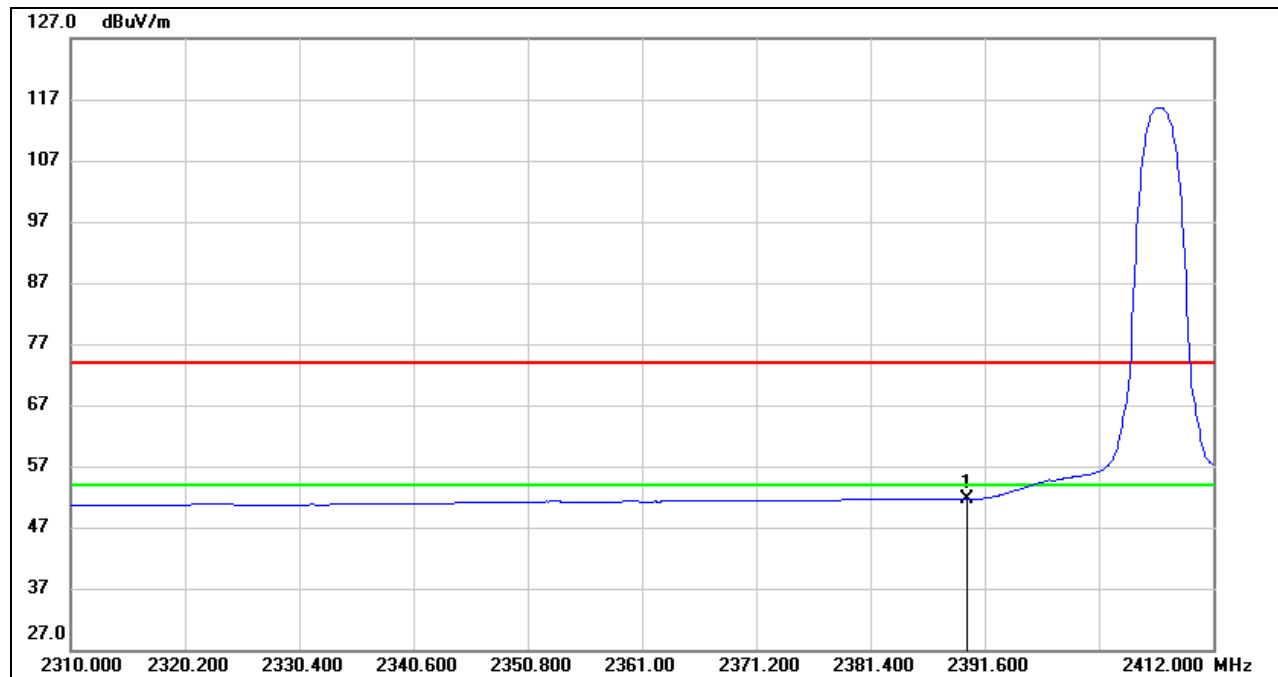
PEAK



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2390.000 | 34.00 | 33.35 | 67.35 | 74.00 | -6.65 | peak |

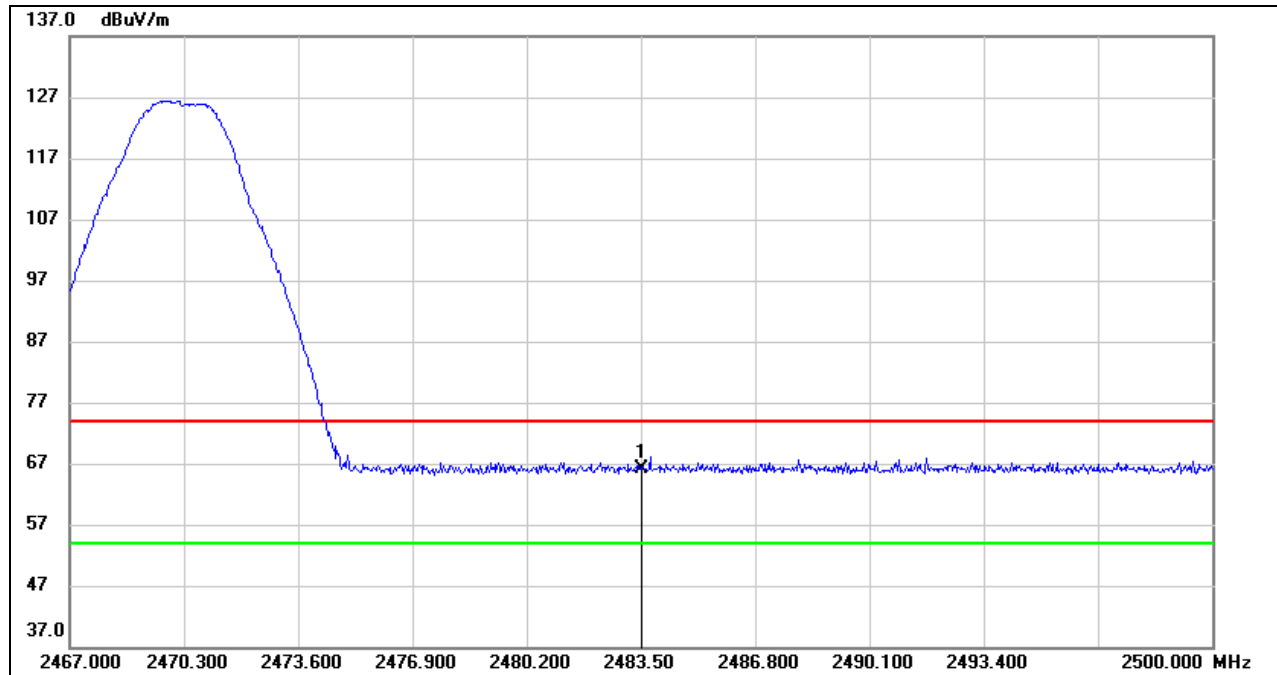
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
4. For the transmitting duration, please refer to clause 7.1.
5. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

AVG



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2390.000 | 18.29 | 33.35 | 51.64 | 54.00 | -2.36 | AVG |

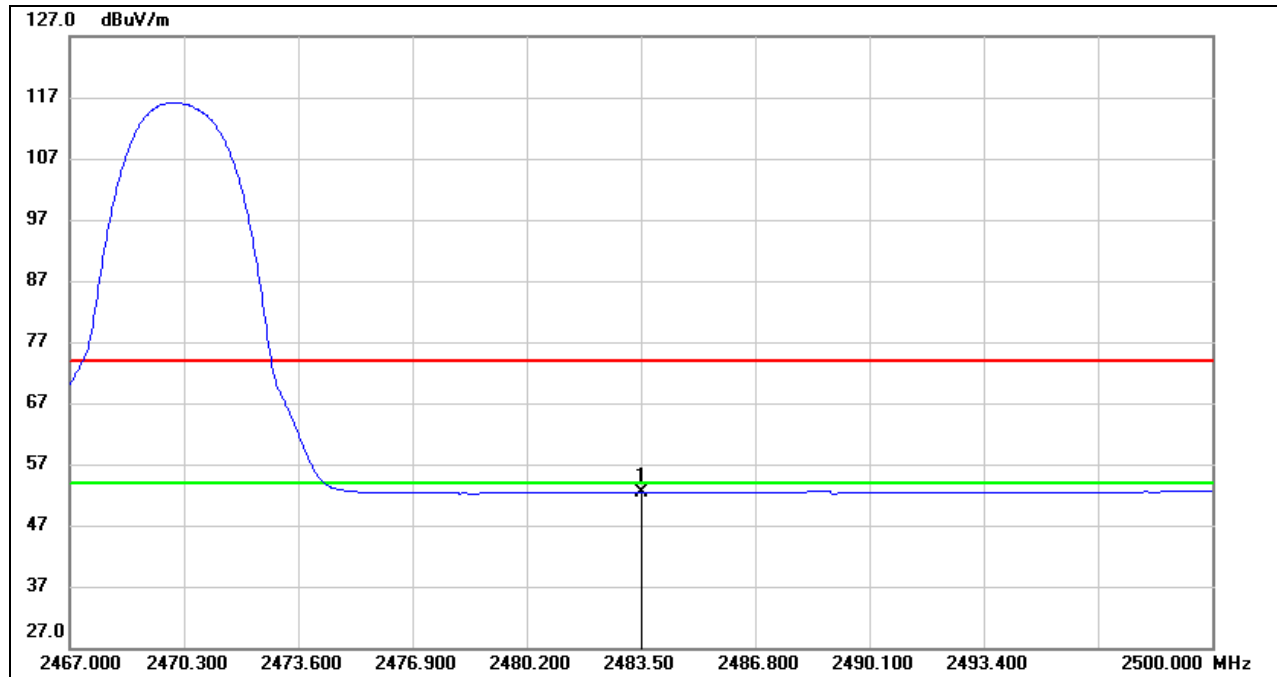
- Note:
1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. AVG: $VBW=1/Ton$, where: Ton is the transmitting duration.
 4. For the transmitting duration, please refer to clause 7.1.
 5. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

**RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)****PEAK**

| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2483.500 | 32.37 | 33.71 | 66.08 | 74.00 | -7.92 | peak |

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

AVG



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2483.500 | 18.66 | 33.71 | 52.37 | 54.00 | -1.63 | AVG |

- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. AVG: $VBW=1/Ton$, where: Ton is the transmitting duration.
4. For the transmitting duration, please refer to clause 7.1.
5. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

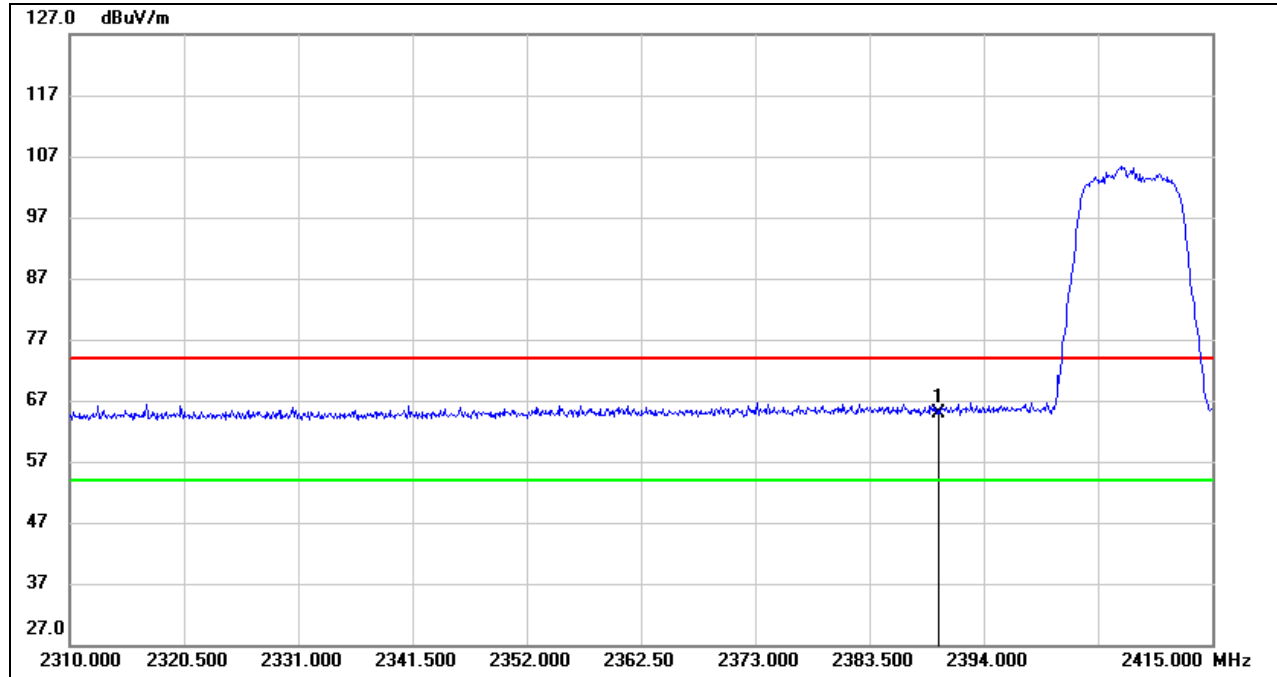
Note: Horizontal and Vertical have been tested, only the worst data was recorded in the report.

Note: All the modes and channels had been tested, but only the worst data was recorded in the report.

8.1.5. 2.4G SRD 10MHz MODE

RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)

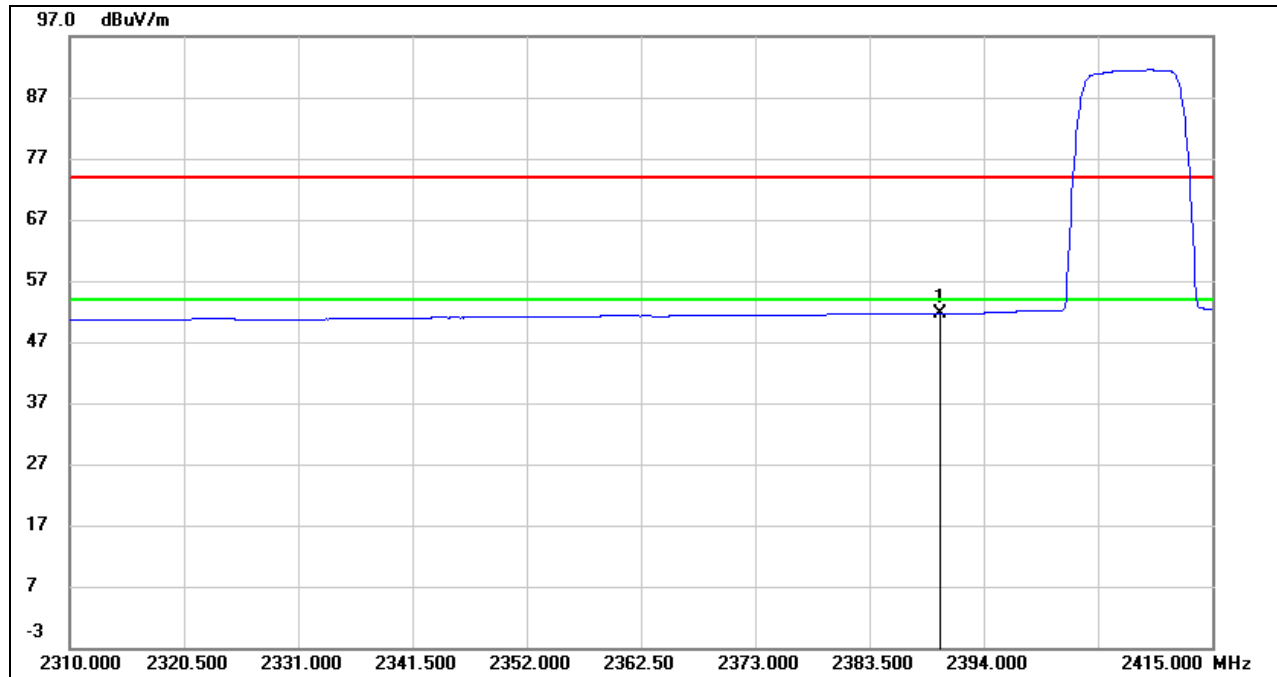
PEAK



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2390.000 | 31.56 | 33.35 | 64.91 | 74.00 | -9.09 | peak |

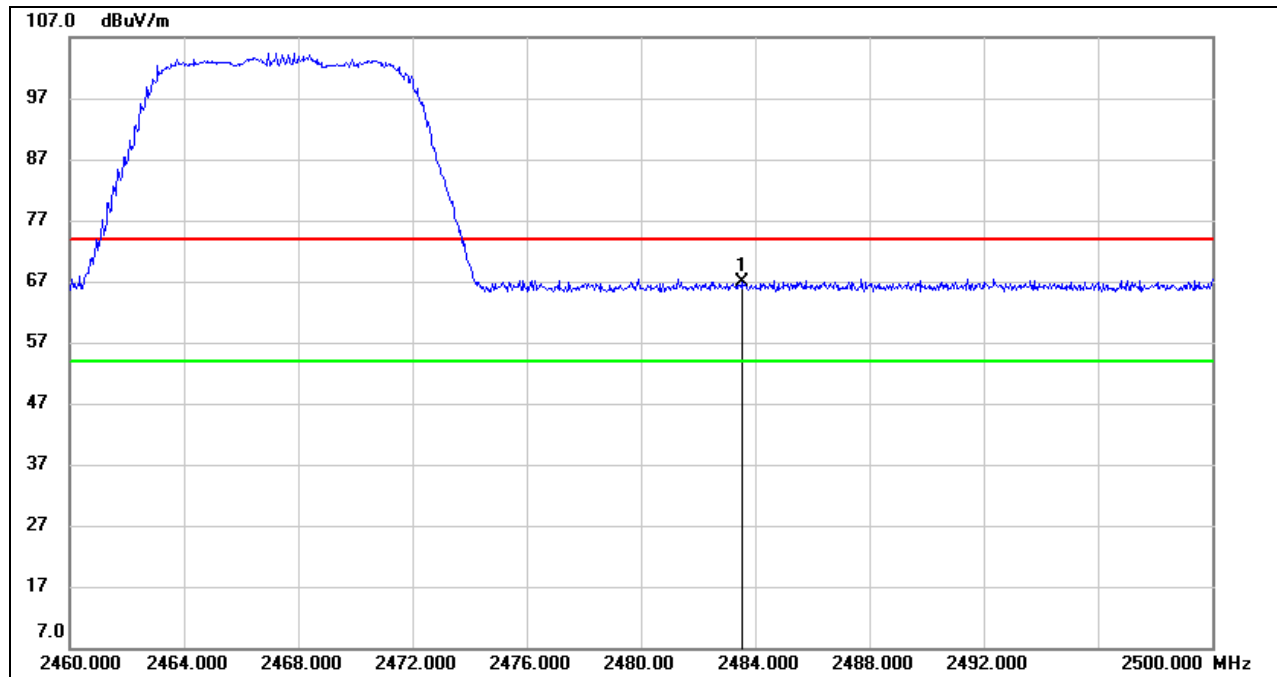
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

AVG



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2390.000 | 18.28 | 33.35 | 51.63 | 54.00 | -2.37 | AVG |

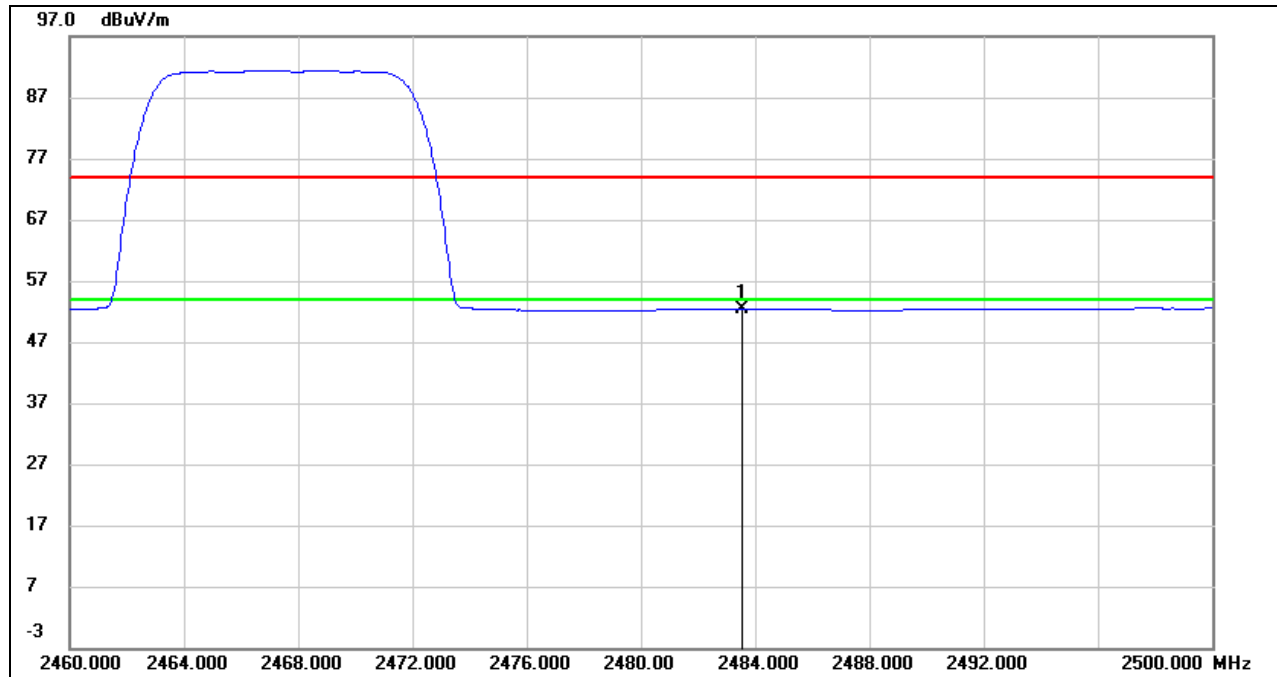
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. AVG: $VBW=1/Ton$, where: Ton is the transmitting duration.
4. For the transmitting duration, please refer to clause 7.1.
5. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

**RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)****PEAK**

| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2483.500 | 33.19 | 33.71 | 66.90 | 74.00 | -7.10 | peak |

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

AVG



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2483.500 | 18.65 | 33.71 | 52.36 | 54.00 | -1.64 | AVG |

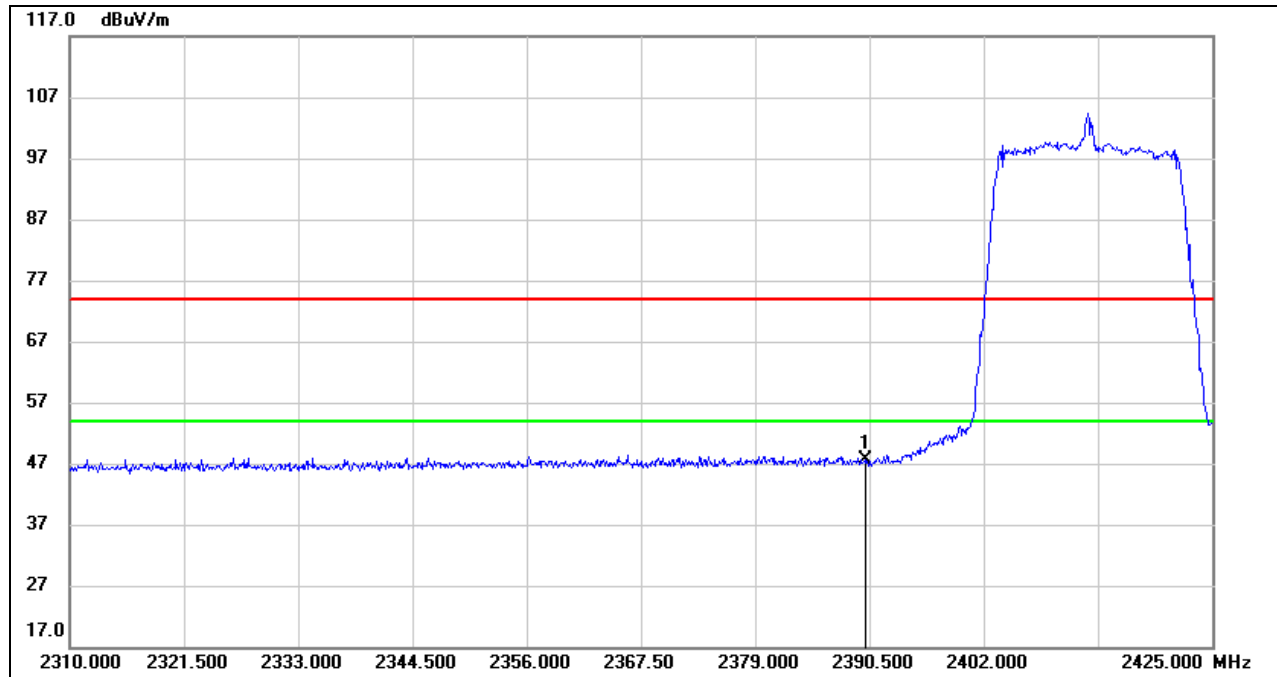
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. AVG: $VBW=1/Ton$, where: Ton is the transmitting duration.
4. For the transmitting duration, please refer to clause 7.1.
5. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Note: Horizontal and Vertical have been tested, only the worst data was recorded in the report.

8.1.6. 2.4G SRD 20MHz MODE

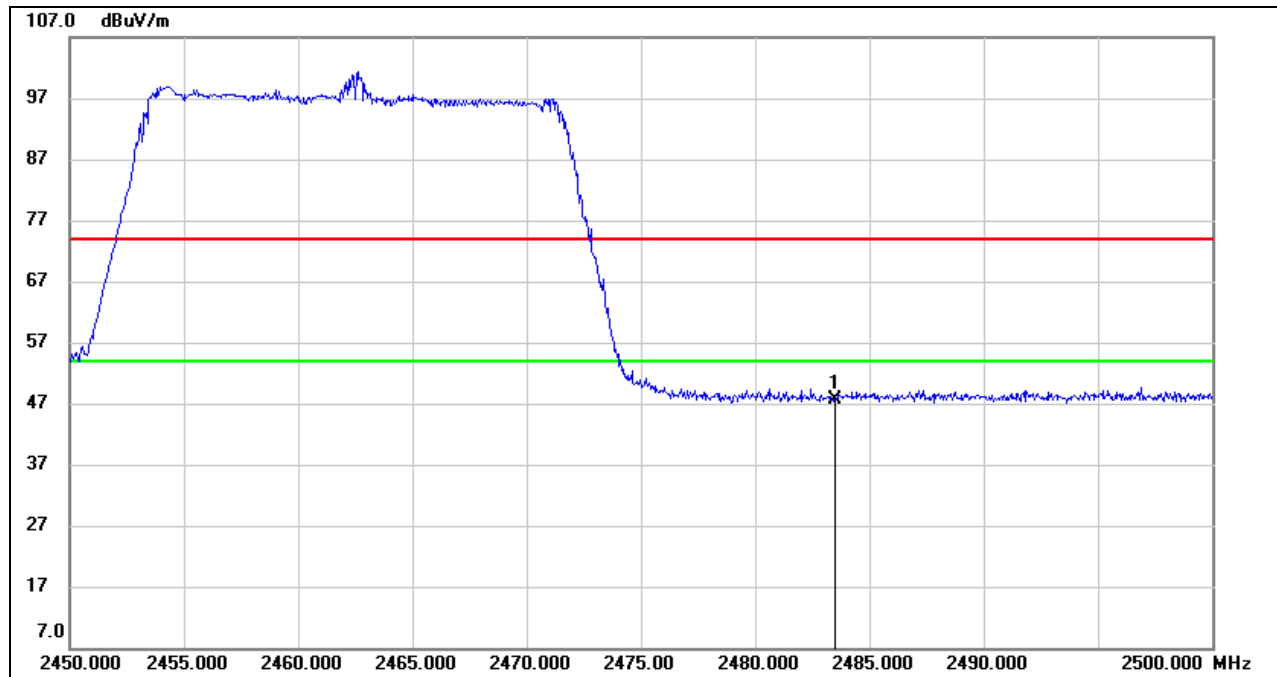
RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)

PEAK



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2390.000 | 14.23 | 33.35 | 47.58 | 74.00 | -26.42 | peak |

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

**RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)****PEAK**

| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2483.500 | 13.96 | 33.71 | 47.67 | 74.00 | -26.33 | peak |

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

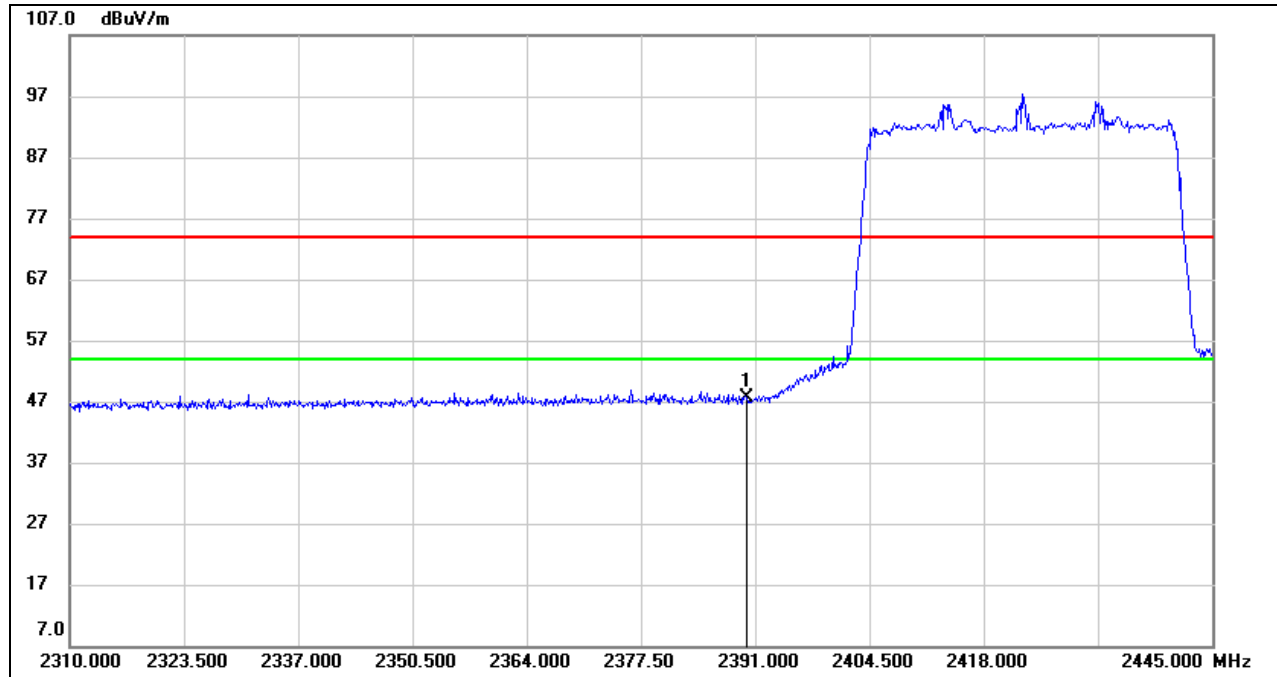
Note: Horizontal and Vertical have been tested, only the worst data was recorded in the report.

Note: All the modes and channels had been tested, but only the worst data was recorded in the report.

8.1.7. 2.4G SRD 40MHz MODE

RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)

PEAK

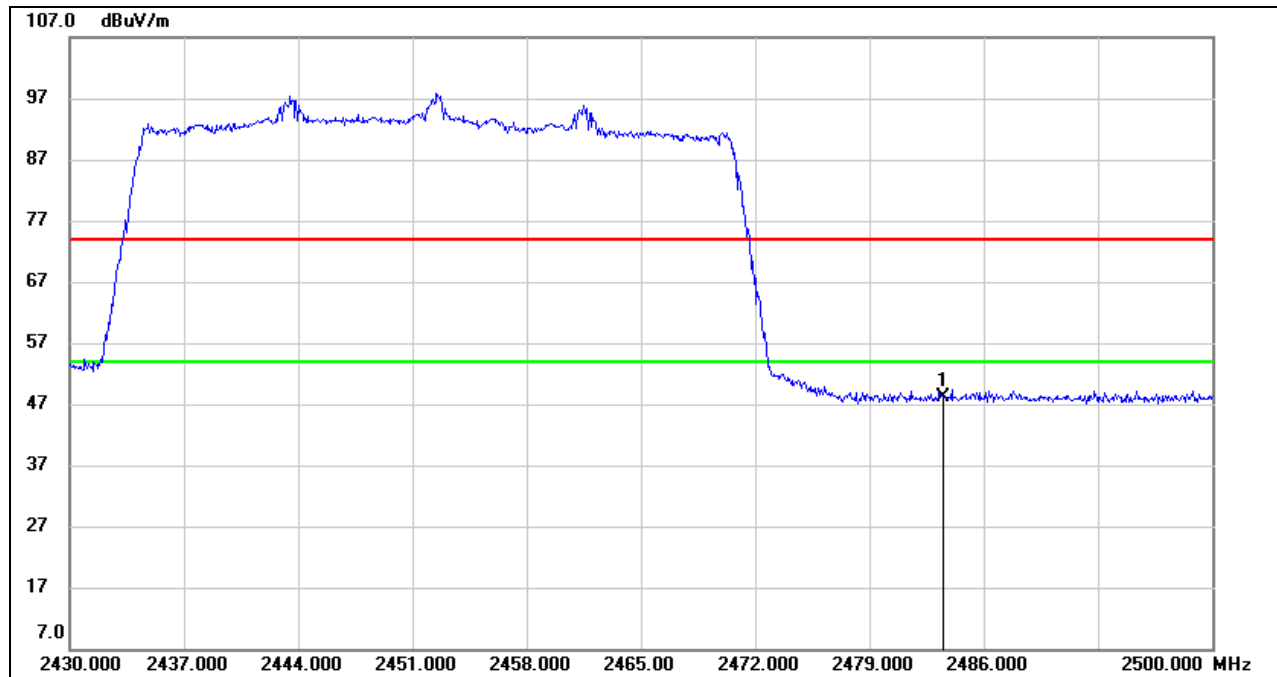


| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2390.000 | 14.35 | 33.35 | 47.70 | 74.00 | -26.30 | peak |

- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)

PEAK



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 2483.500 | 14.38 | 33.71 | 48.09 | 74.00 | -25.91 | peak |

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

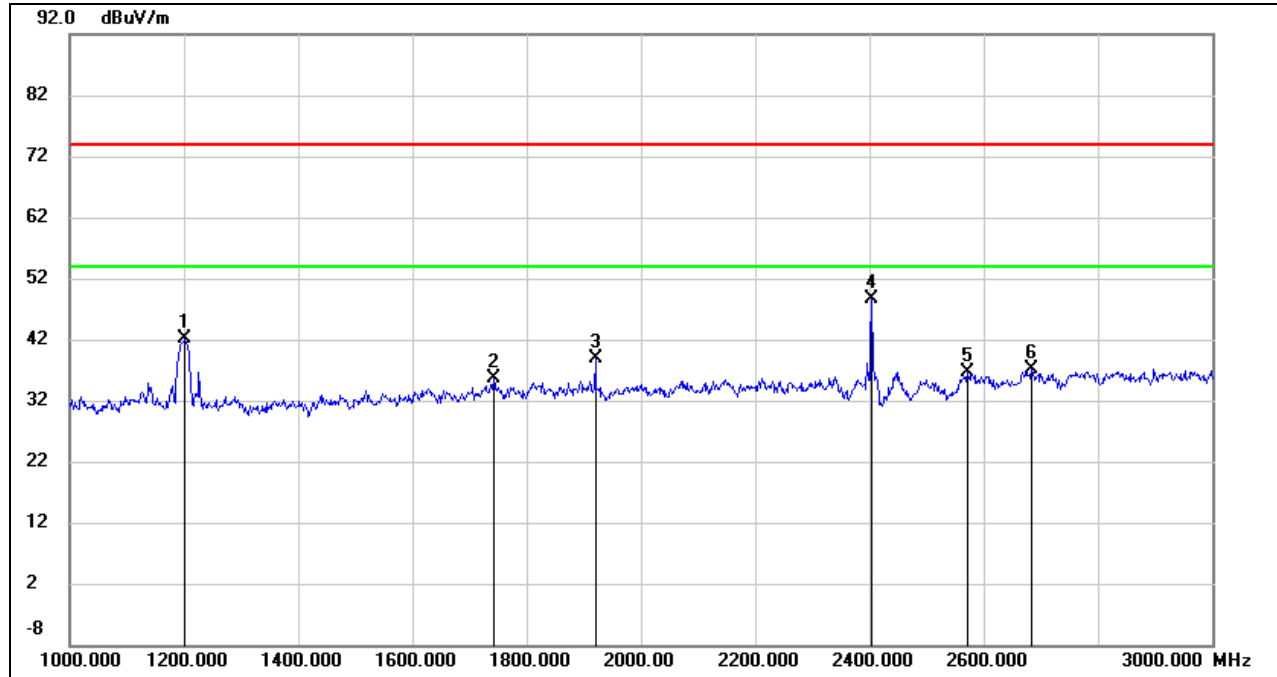
Note: Horizontal and Vertical have been tested, only the worst data was recorded in the report.

Note: All the modes and channels had been tested, but only the worst data was recorded in the report.

8.2. SPURIOUS EMISSIONS (1 GHz ~ 3 GHz)

8.2.1. 2.4G SRD 1.4MHz MODE

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



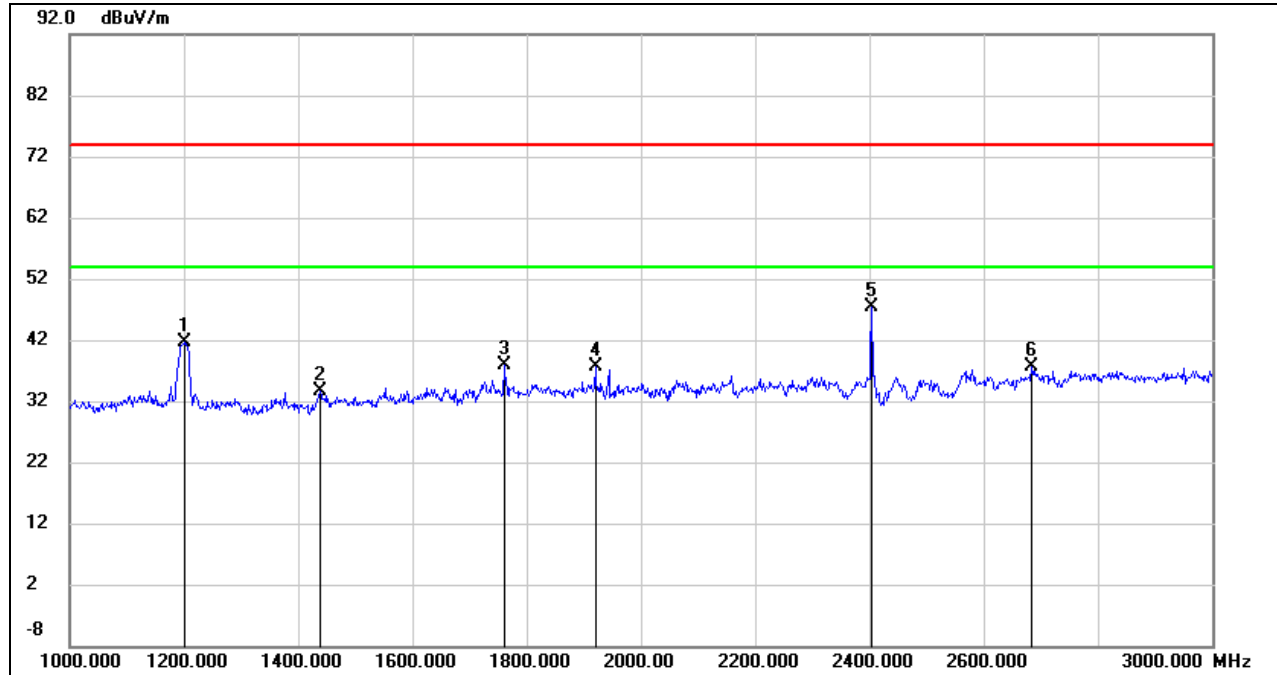
| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 1202.000 | 55.20 | -12.99 | 42.21 | 74.00 | -31.79 | peak |
| 2 | 1742.000 | 46.16 | -10.49 | 35.67 | 74.00 | -38.33 | peak |
| 3 | 1920.000 | 48.94 | -10.13 | 38.81 | 74.00 | -35.19 | peak |
| 4 | 2404.000 | 57.02 | -8.38 | 48.64 | 74.00 | -25.36 | peak |
| 5 | 2572.000 | 44.47 | -7.96 | 36.51 | 74.00 | -37.49 | peak |
| 6 | 2684.000 | 44.47 | -7.31 | 37.16 | 74.00 | -36.84 | peak |

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)

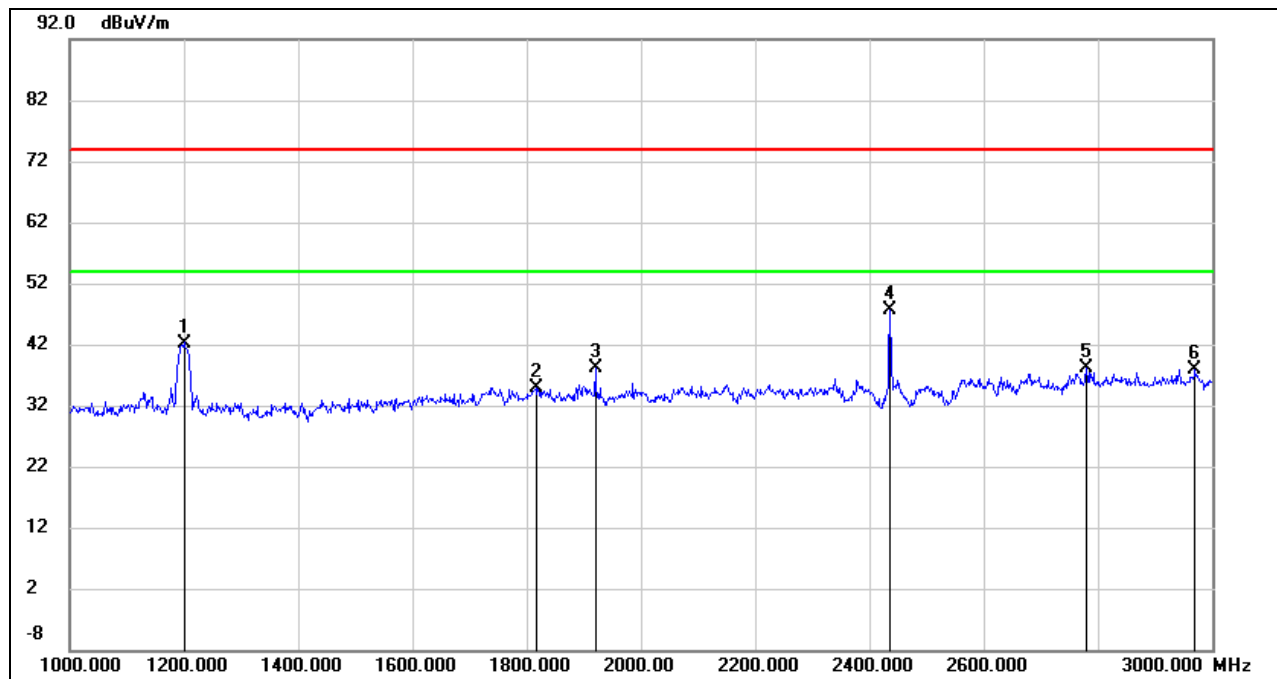


| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 1202.000 | 54.57 | -12.99 | 41.58 | 74.00 | -32.42 | peak |
| 2 | 1438.000 | 46.08 | -12.52 | 33.56 | 74.00 | -40.44 | peak |
| 3 | 1760.000 | 48.24 | -10.35 | 37.89 | 74.00 | -36.11 | peak |
| 4 | 1920.000 | 47.88 | -10.13 | 37.75 | 74.00 | -36.25 | peak |
| 5 | 2404.000 | 55.78 | -8.38 | 47.40 | 74.00 | -26.60 | peak |
| 6 | 2684.000 | 44.88 | -7.31 | 37.57 | 74.00 | -36.43 | peak |

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

**HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)**

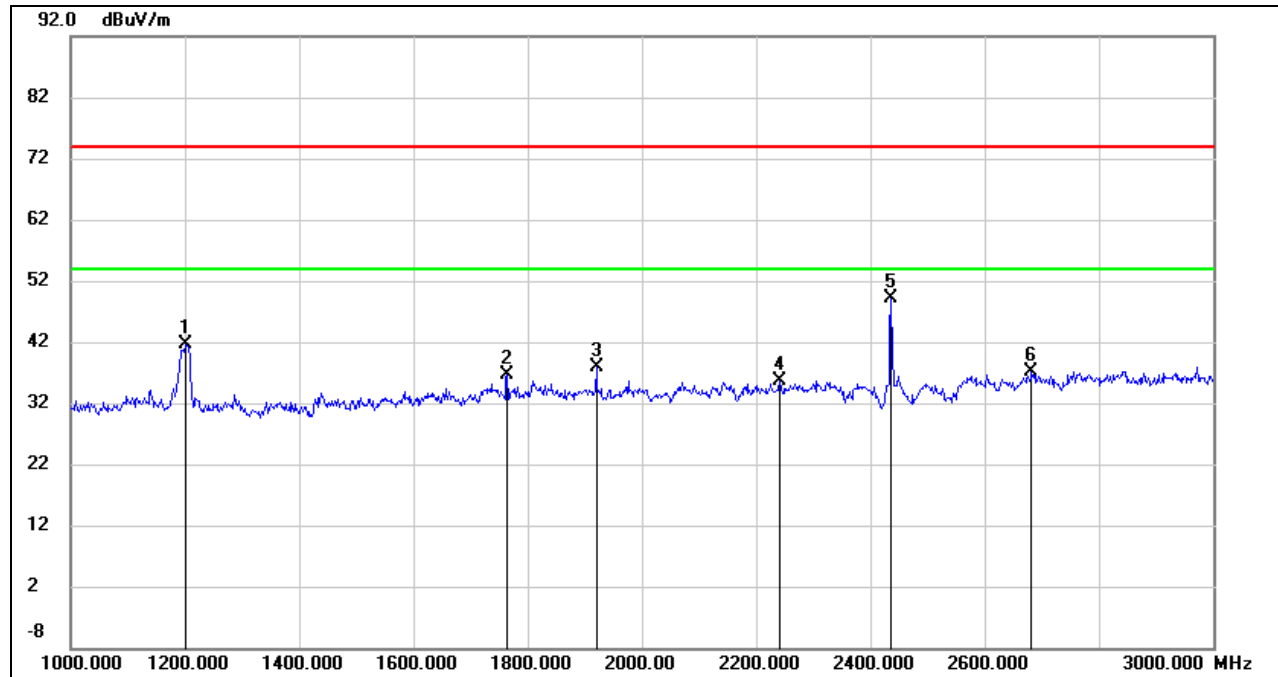
| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 1200.000 | 55.24 | -12.99 | 42.25 | 74.00 | -31.75 | peak |
| 2 | 1816.000 | 45.04 | -10.06 | 34.98 | 74.00 | -39.02 | peak |
| 3 | 1920.000 | 48.22 | -10.13 | 38.09 | 74.00 | -35.91 | peak |
| 4 | 2436.000 | 56.03 | -8.34 | 47.69 | 74.00 | -26.31 | peak |
| 5 | 2780.000 | 44.87 | -6.68 | 38.19 | 74.00 | -35.81 | peak |
| 6 | 2970.000 | 43.66 | -5.74 | 37.92 | 74.00 | -36.08 | peak |

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



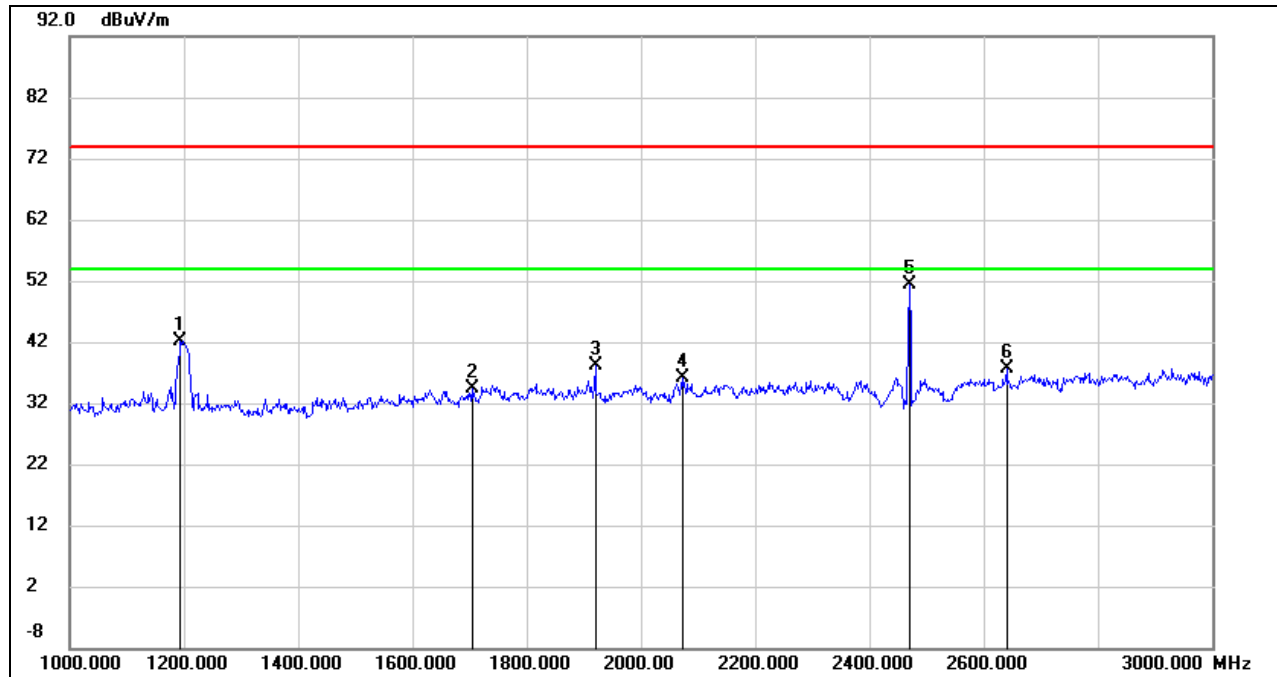
| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 1200.000 | 54.62 | -12.99 | 41.63 | 74.00 | -32.37 | peak |
| 2 | 1764.000 | 47.01 | -10.32 | 36.69 | 74.00 | -37.31 | peak |
| 3 | 1920.000 | 48.03 | -10.13 | 37.90 | 74.00 | -36.10 | peak |
| 4 | 2240.000 | 44.67 | -8.92 | 35.75 | 74.00 | -38.25 | peak |
| 5 | 2436.000 | 57.55 | -8.34 | 49.21 | 74.00 | -24.79 | peak |
| 6 | 2682.000 | 44.57 | -7.33 | 37.24 | 74.00 | -36.76 | peak |

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



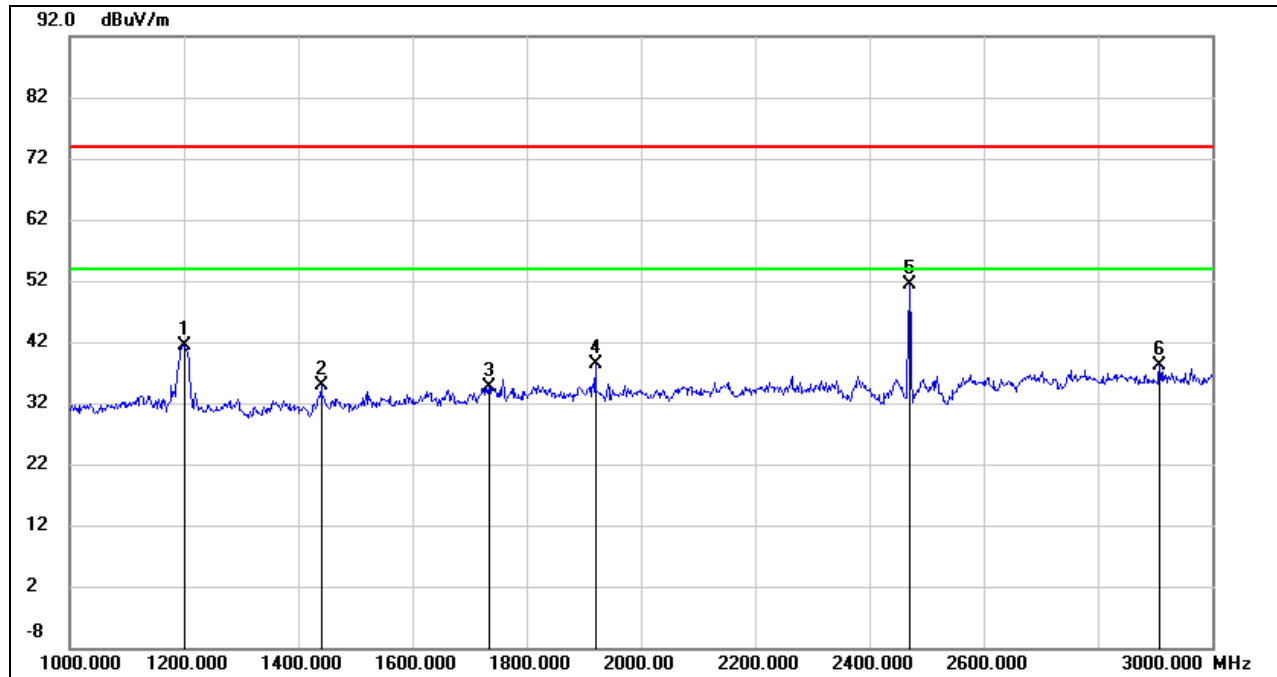
| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 1194.000 | 55.19 | -13.02 | 42.17 | 74.00 | -31.83 | peak |
| 2 | 1704.000 | 45.20 | -10.77 | 34.43 | 74.00 | -39.57 | peak |
| 3 | 1920.000 | 48.14 | -10.13 | 38.01 | 74.00 | -35.99 | peak |
| 4 | 2072.000 | 45.82 | -9.78 | 36.04 | 74.00 | -37.96 | peak |
| 5 | 2470.000 | 59.73 | -8.27 | 51.46 | 74.00 | -22.54 | peak |
| 6 | 2640.000 | 45.13 | -7.61 | 37.52 | 74.00 | -36.48 | peak |

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 1200.000 | 54.43 | -12.99 | 41.44 | 74.00 | -32.56 | peak |
| 2 | 1440.000 | 47.42 | -12.51 | 34.91 | 74.00 | -39.09 | peak |
| 3 | 1734.000 | 45.14 | -10.54 | 34.60 | 74.00 | -39.40 | peak |
| 4 | 1920.000 | 48.50 | -10.13 | 38.37 | 74.00 | -35.63 | peak |
| 5 | 2470.000 | 59.61 | -8.27 | 51.34 | 74.00 | -22.66 | peak |
| 6 | 2908.000 | 44.08 | -6.03 | 38.05 | 74.00 | -35.95 | peak |

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

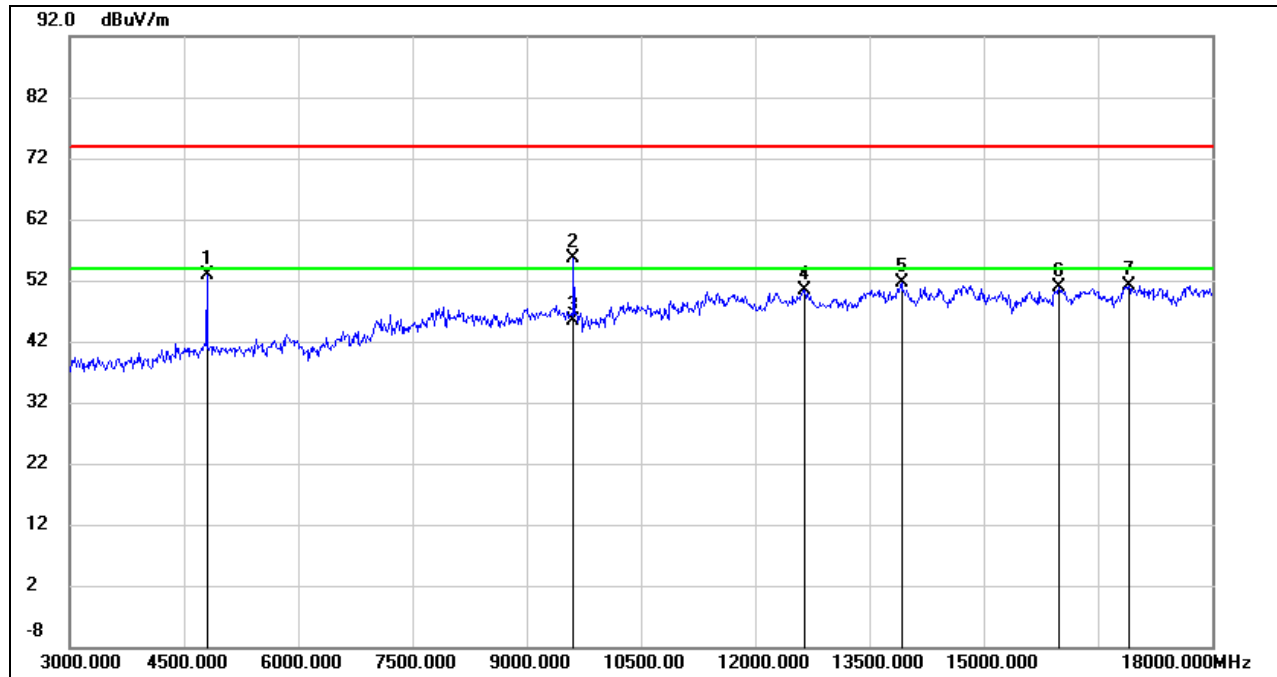
3. Peak: Peak detector.

Note: All the modes and channels had been tested, but only the worst data was recorded in the report.

8.3. SPURIOUS EMISSIONS (3 GHz ~ 18 GHz)

8.3.1. 2.4G SRD 1.4MHz MODE

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 4800.000 | 51.44 | 1.40 | 52.84 | 74.00 | -21.16 | peak |
| 2 | 9615.000 | 44.75 | 10.95 | 55.70 | 74.00 | -18.30 | peak |
| 3 | 9615.000 | 34.37 | 10.95 | 45.32 | 54.00 | -8.68 | AVG |
| 4 | 12645.000 | 34.66 | 15.71 | 50.37 | 74.00 | -23.63 | peak |
| 5 | 13920.000 | 34.12 | 17.55 | 51.67 | 74.00 | -22.33 | peak |
| 6 | 15990.000 | 32.42 | 18.39 | 50.81 | 74.00 | -23.19 | peak |
| 7 | 16905.000 | 29.67 | 21.55 | 51.22 | 74.00 | -22.78 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

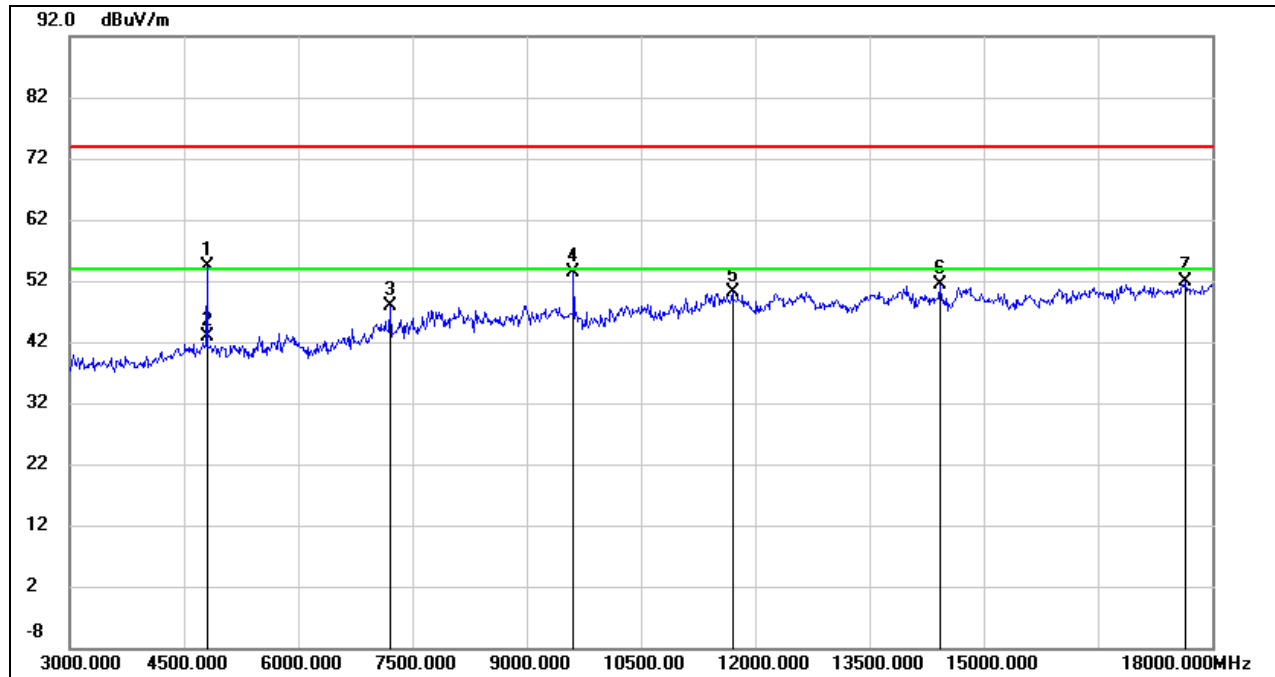
4. AVG: $VBW=1/Ton$, where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 4800.000 | 53.02 | 1.40 | 54.42 | 74.00 | -19.58 | peak |
| 2 | 4800.000 | 41.40 | 1.40 | 42.80 | 54.00 | -11.20 | AVG |
| 3 | 7200.000 | 40.56 | 7.36 | 47.92 | 74.00 | -26.08 | peak |
| 4 | 9615.000 | 42.54 | 10.95 | 53.49 | 74.00 | -20.51 | peak |
| 5 | 11700.000 | 34.71 | 15.35 | 50.06 | 74.00 | -23.94 | peak |
| 6 | 14430.000 | 33.97 | 17.34 | 51.31 | 74.00 | -22.69 | peak |
| 7 | 17655.000 | 28.83 | 23.14 | 51.97 | 74.00 | -22.03 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

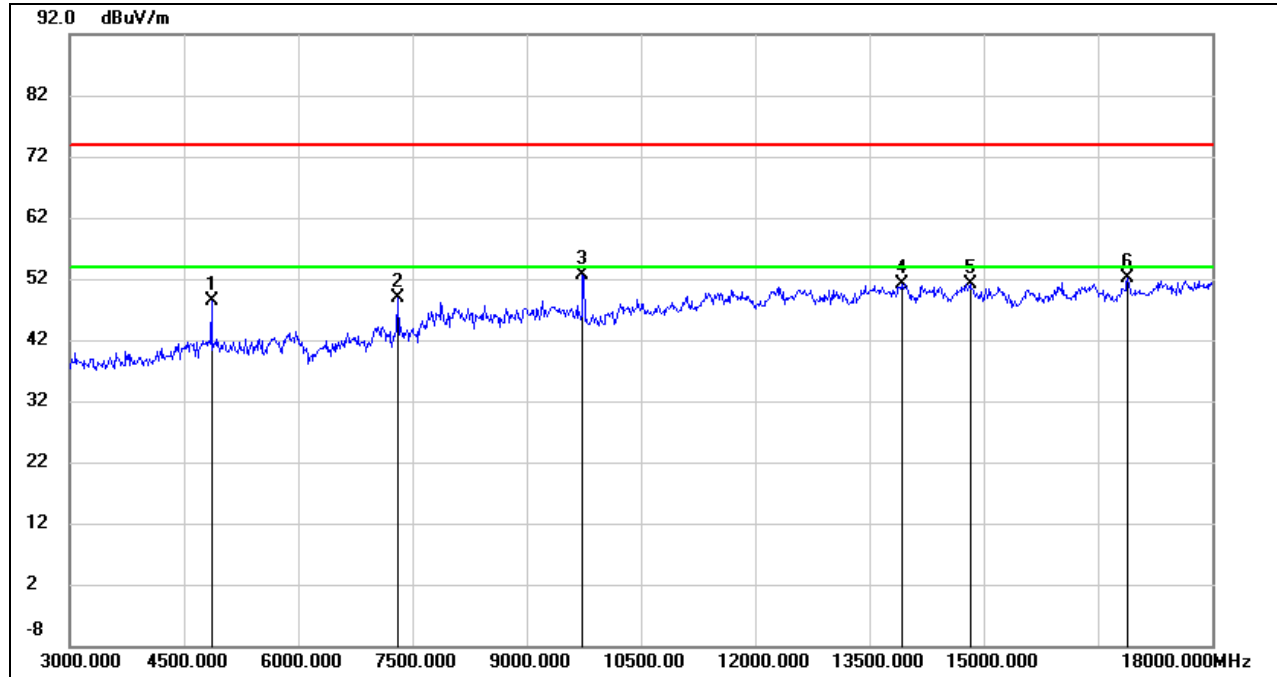
4. AVG: $VBW=1/Ton$, where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 4860.000 | 47.01 | 1.33 | 48.34 | 74.00 | -25.66 | peak |
| 2 | 7305.000 | 41.68 | 7.14 | 48.82 | 74.00 | -25.18 | peak |
| 3 | 9735.000 | 42.18 | 10.37 | 52.55 | 74.00 | -21.45 | peak |
| 4 | 13920.000 | 33.66 | 17.55 | 51.21 | 74.00 | -22.79 | peak |
| 5 | 14820.000 | 33.15 | 17.91 | 51.06 | 74.00 | -22.94 | peak |
| 6 | 16890.000 | 30.56 | 21.49 | 52.05 | 74.00 | -21.95 | peak |

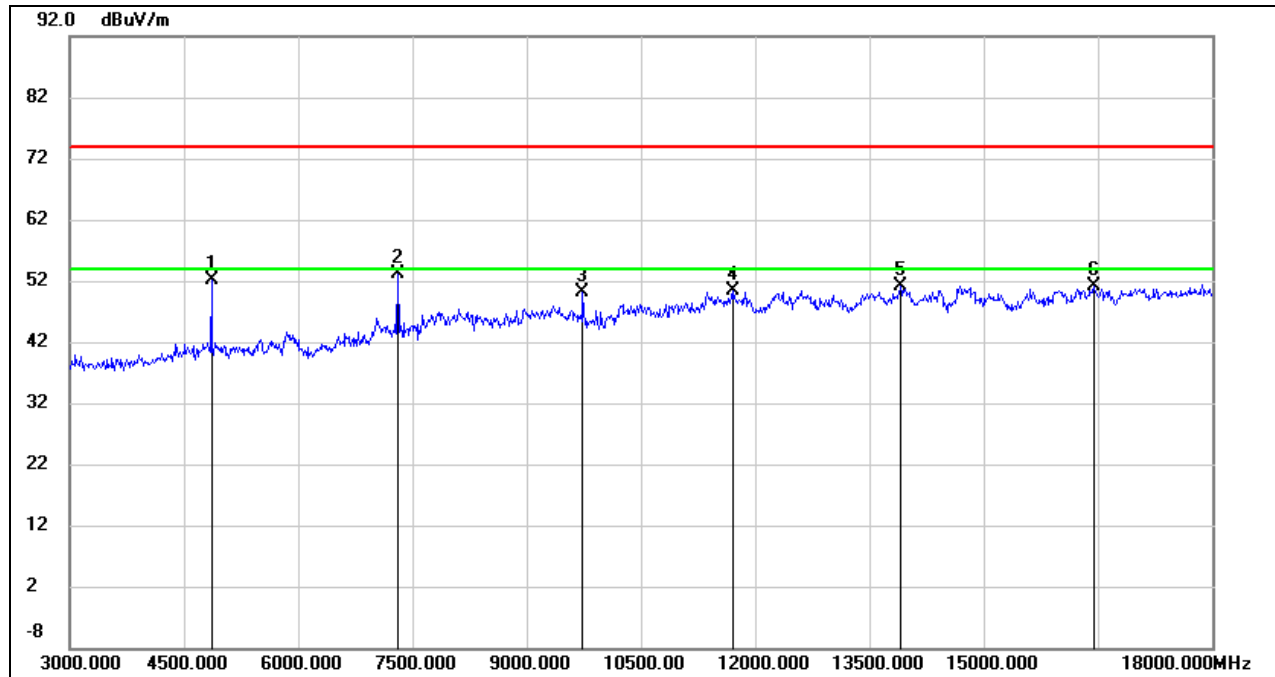
Note: 1. Peak Result = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

**HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)**

| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 4860.000 | 50.89 | 1.33 | 52.22 | 74.00 | -21.78 | peak |
| 2 | 7305.000 | 46.03 | 7.14 | 53.17 | 74.00 | -20.83 | peak |
| 3 | 9735.000 | 39.82 | 10.37 | 50.19 | 74.00 | -23.81 | peak |
| 4 | 11700.000 | 35.15 | 15.35 | 50.50 | 74.00 | -23.50 | peak |
| 5 | 13905.000 | 33.67 | 17.54 | 51.21 | 74.00 | -22.79 | peak |
| 6 | 16440.000 | 31.56 | 19.68 | 51.24 | 74.00 | -22.76 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

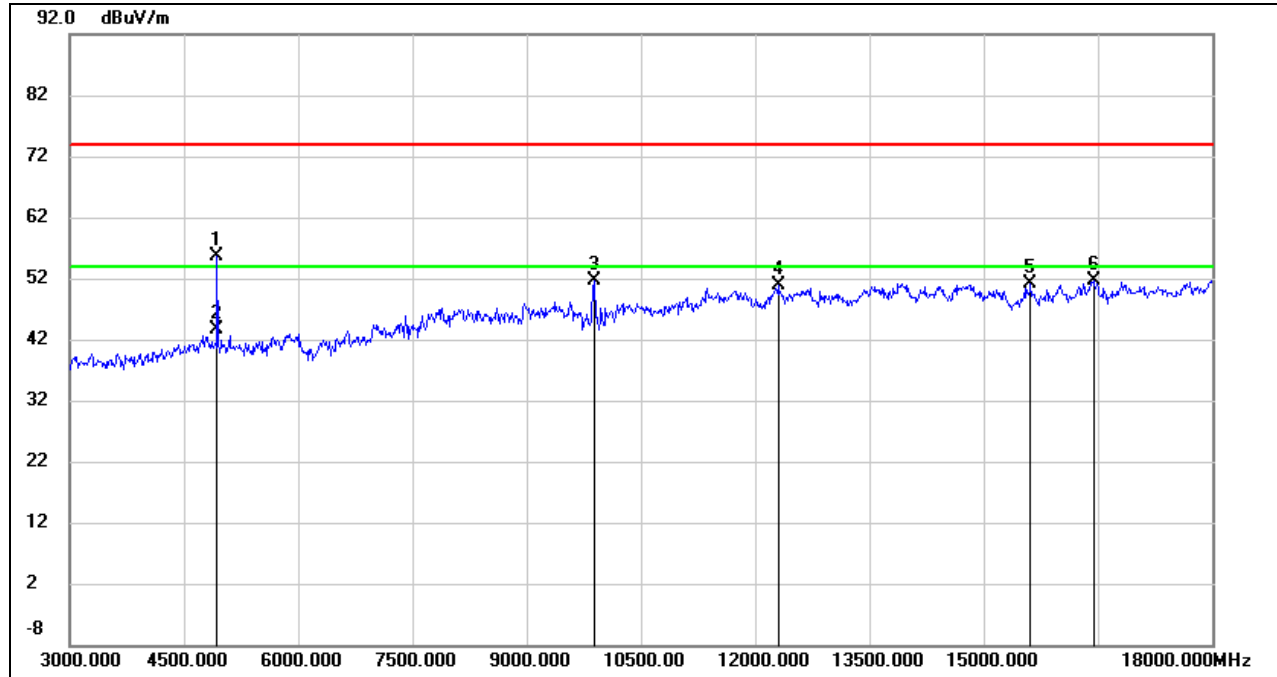
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 4935.000 | 54.14 | 1.59 | 55.73 | 74.00 | -18.27 | peak |
| 2 | 4935.000 | 42.01 | 1.59 | 43.60 | 54.00 | -10.40 | AVG |
| 3 | 9885.000 | 40.60 | 10.96 | 51.56 | 74.00 | -22.44 | peak |
| 4 | 12300.000 | 34.67 | 16.09 | 50.76 | 74.00 | -23.24 | peak |
| 5 | 15615.000 | 33.31 | 17.72 | 51.03 | 74.00 | -22.97 | peak |
| 6 | 16440.000 | 32.06 | 19.68 | 51.74 | 74.00 | -22.26 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

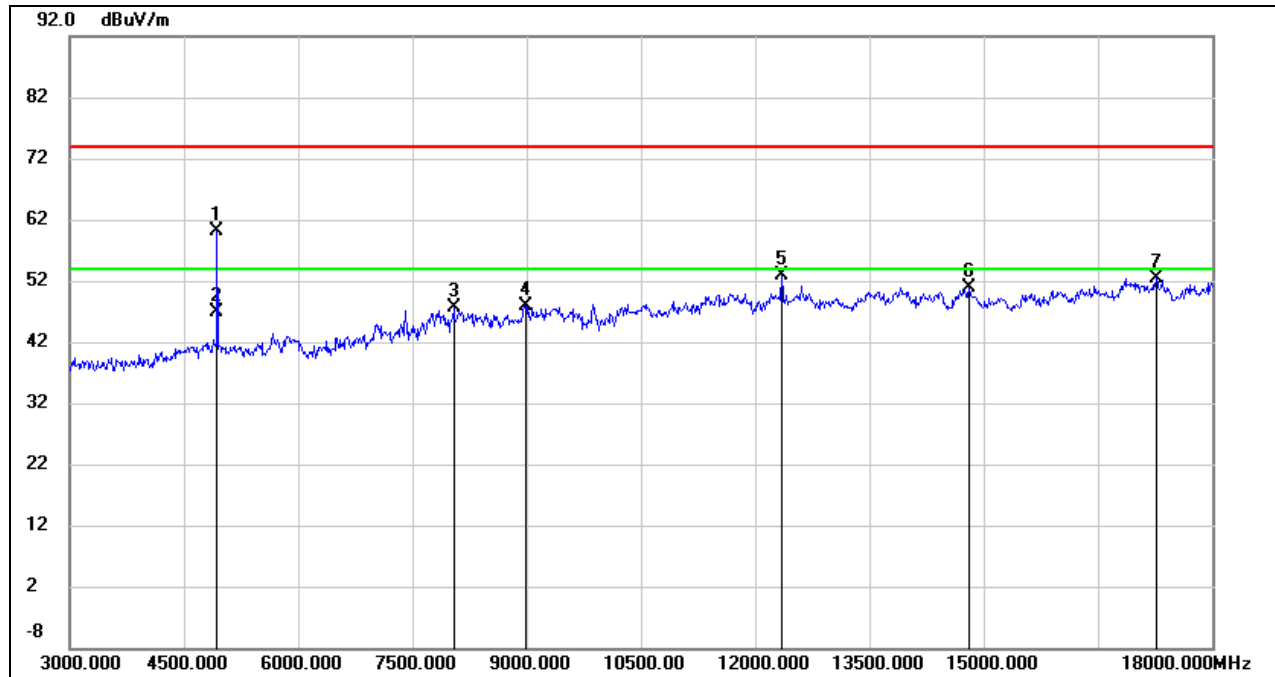
3. Peak: Peak detector.

4. AVG: $VBW=1/Ton$, where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

**HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)**

| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 4935.000 | 58.51 | 1.59 | 60.10 | 74.00 | -13.90 | peak |
| 2 | 4935.000 | 45.21 | 1.59 | 46.80 | 54.00 | -7.20 | AVG |
| 3 | 8040.000 | 38.29 | 9.25 | 47.54 | 74.00 | -26.46 | peak |
| 4 | 8985.000 | 36.95 | 10.99 | 47.94 | 74.00 | -26.06 | peak |
| 5 | 12345.000 | 36.78 | 16.03 | 52.81 | 74.00 | -21.19 | peak |
| 6 | 14805.000 | 32.83 | 18.00 | 50.83 | 74.00 | -23.17 | peak |
| 7 | 17265.000 | 29.96 | 22.39 | 52.35 | 74.00 | -21.65 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.

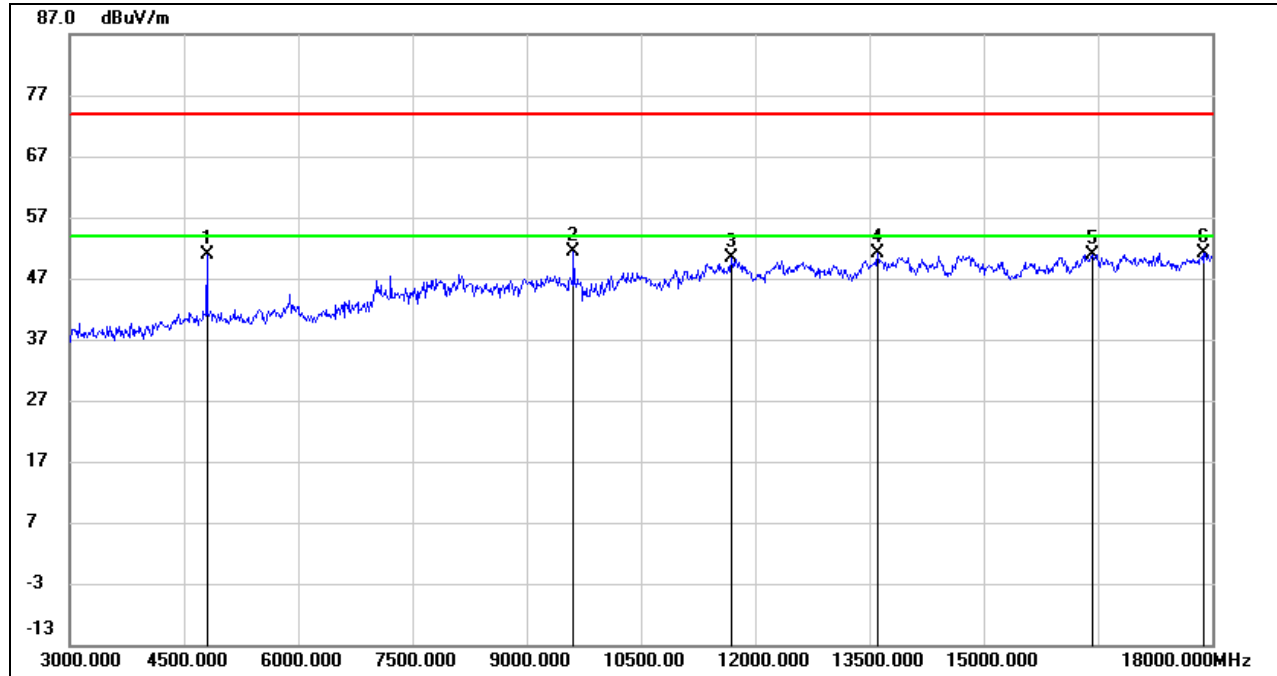
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8.3.2. 2.4G SRD 1.4MHz CA MODE

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 4800.000 | 49.48 | 1.40 | 50.88 | 74.00 | -23.12 | peak |
| 2 | 9615.000 | 40.37 | 10.95 | 51.32 | 74.00 | -22.68 | peak |
| 3 | 11685.000 | 35.02 | 15.26 | 50.28 | 74.00 | -23.72 | peak |
| 4 | 13605.000 | 33.97 | 17.12 | 51.09 | 74.00 | -22.91 | peak |
| 5 | 16425.000 | 31.31 | 19.68 | 50.99 | 74.00 | -23.01 | peak |
| 6 | 17880.000 | 27.31 | 23.93 | 51.24 | 74.00 | -22.76 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

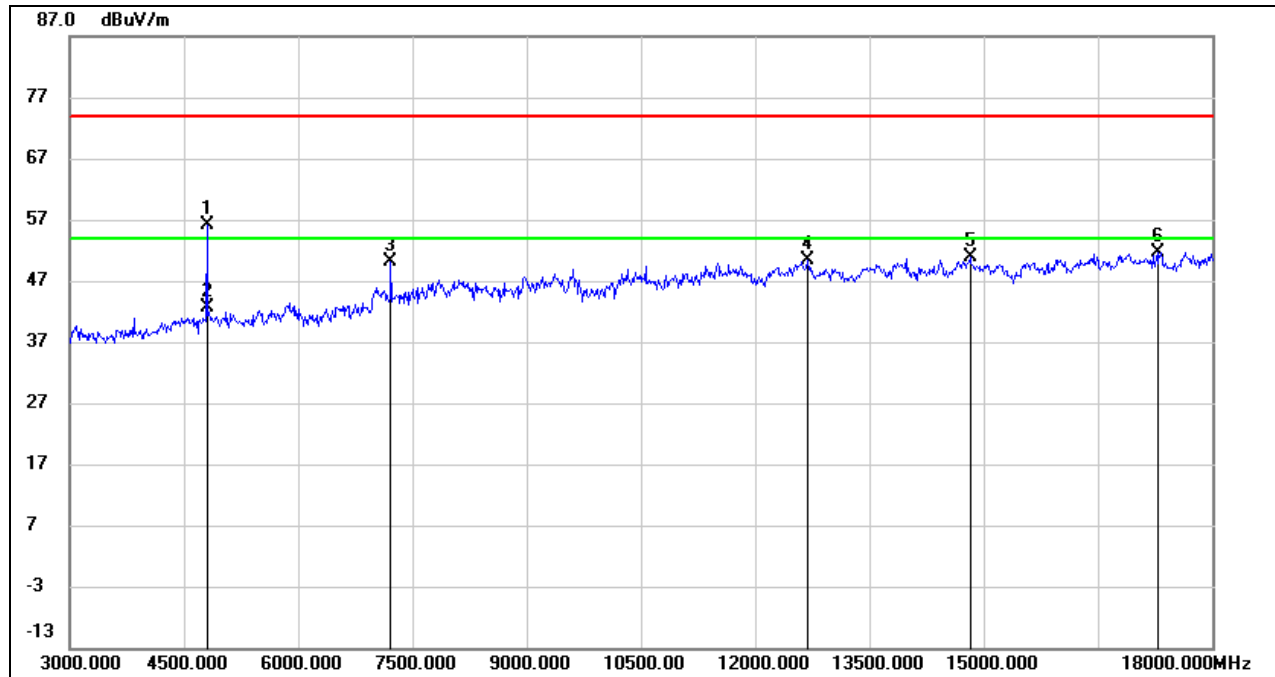
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

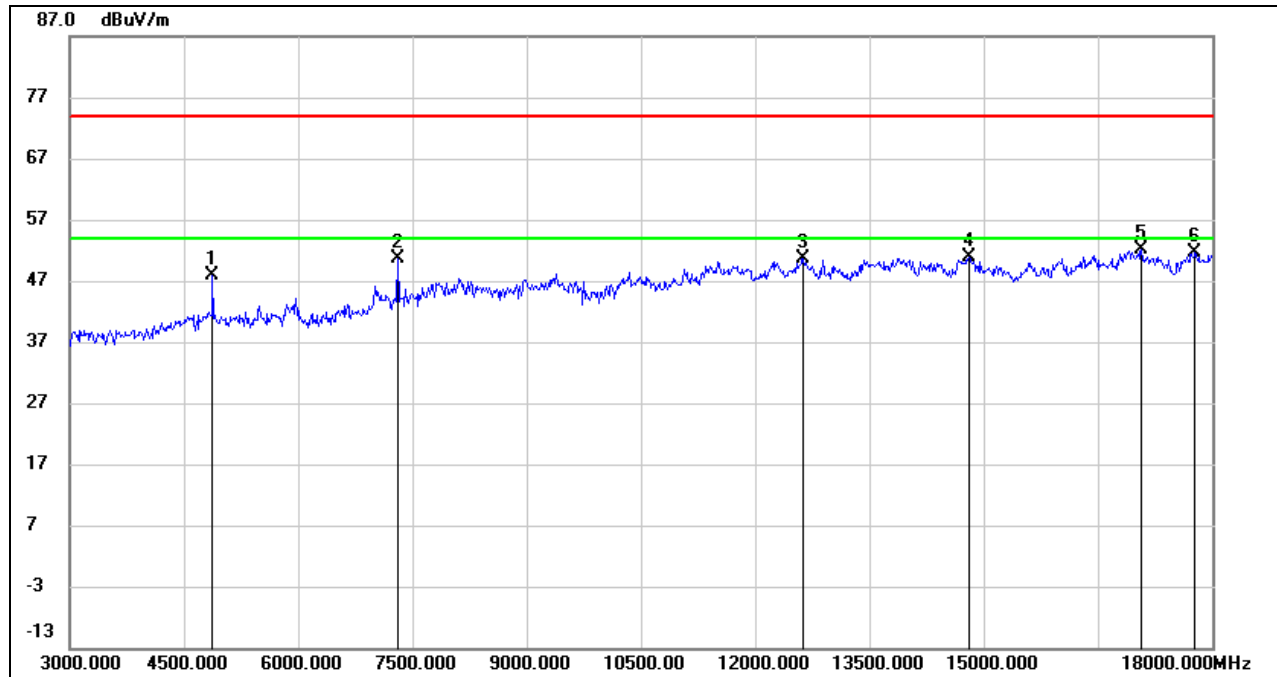
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 4800.000 | 54.83 | 1.40 | 56.23 | 74.00 | -17.77 | peak |
| 2 | 4800.000 | 41.28 | 1.40 | 42.68 | 54.00 | -11.32 | AVG |
| 3 | 7215.000 | 42.71 | 7.32 | 50.03 | 74.00 | -23.97 | peak |
| 4 | 12690.000 | 34.78 | 15.64 | 50.42 | 74.00 | -23.58 | peak |
| 5 | 14820.000 | 33.09 | 17.91 | 51.00 | 74.00 | -23.00 | peak |
| 6 | 17295.000 | 29.07 | 22.58 | 51.65 | 74.00 | -22.35 | peak |

- Note: 1. Peak Result = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: $VBW=1/Ton$, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 4875.000 | 46.48 | 1.32 | 47.80 | 74.00 | -26.20 | peak |
| 2 | 7305.000 | 43.44 | 7.14 | 50.58 | 74.00 | -23.42 | peak |
| 3 | 12630.000 | 34.99 | 15.72 | 50.71 | 74.00 | -23.29 | peak |
| 4 | 14805.000 | 32.93 | 18.00 | 50.93 | 74.00 | -23.07 | peak |
| 5 | 17070.000 | 30.47 | 21.71 | 52.18 | 74.00 | -21.82 | peak |
| 6 | 17775.000 | 27.62 | 23.91 | 51.53 | 74.00 | -22.47 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

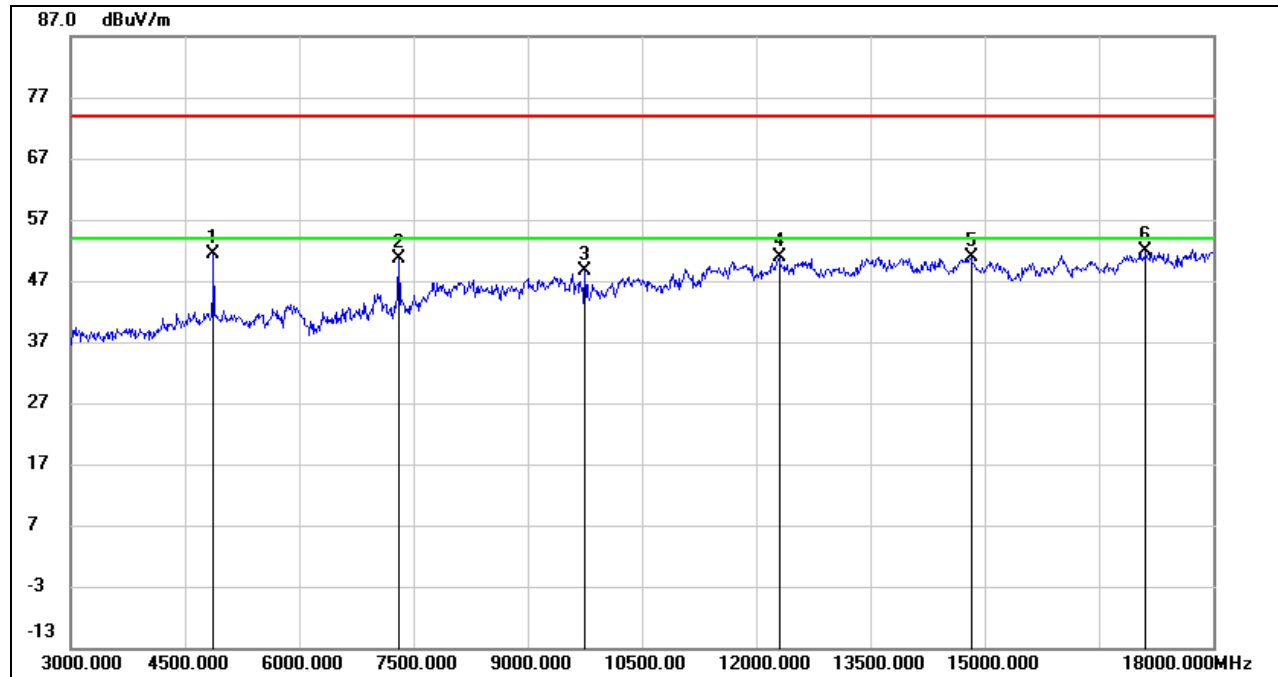
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 4875.000 | 50.10 | 1.32 | 51.42 | 74.00 | -22.58 | peak |
| 2 | 7305.000 | 43.51 | 7.14 | 50.65 | 74.00 | -23.35 | peak |
| 3 | 9750.000 | 38.32 | 10.29 | 48.61 | 74.00 | -25.39 | peak |
| 4 | 12300.000 | 34.89 | 16.09 | 50.98 | 74.00 | -23.02 | peak |
| 5 | 14820.000 | 32.97 | 17.91 | 50.88 | 74.00 | -23.12 | peak |
| 6 | 17115.000 | 29.95 | 21.91 | 51.86 | 74.00 | -22.14 | peak |

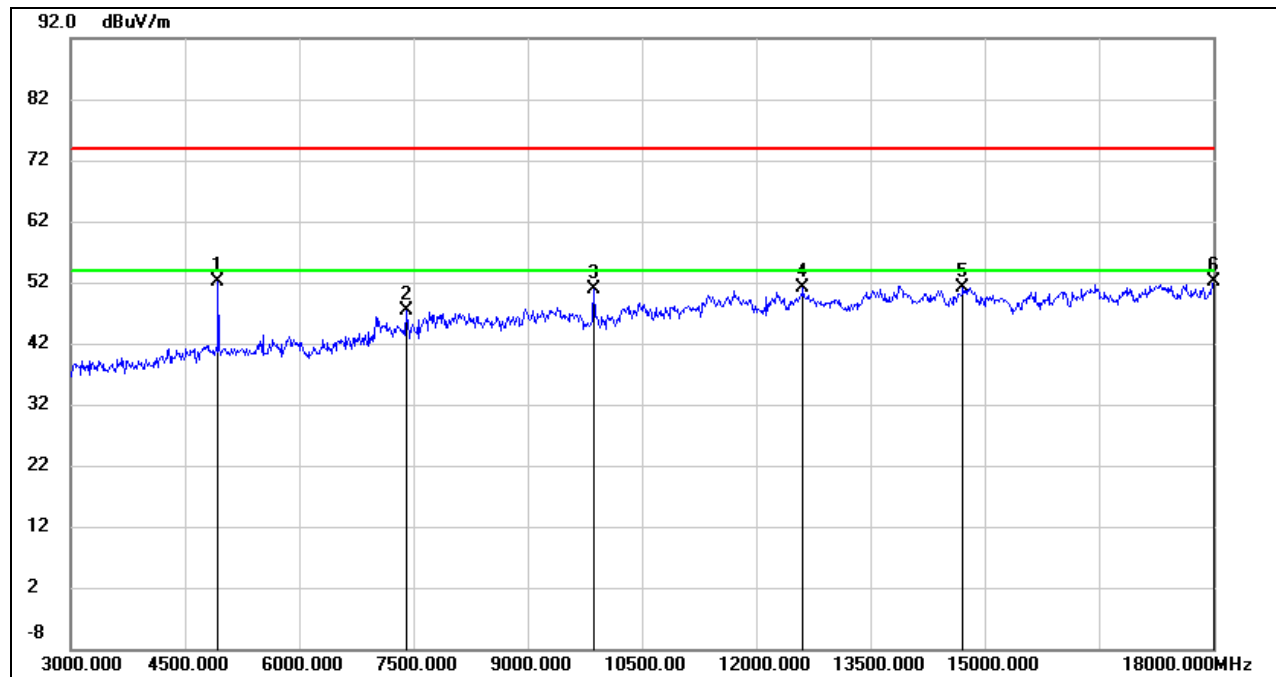
Note: 1. Peak Result = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

**HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)**

| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 4935.000 | 50.58 | 1.59 | 52.17 | 74.00 | -21.83 | peak |
| 2 | 7410.000 | 39.28 | 8.02 | 47.30 | 74.00 | -26.70 | peak |
| 3 | 9870.000 | 40.00 | 10.79 | 50.79 | 74.00 | -23.21 | peak |
| 4 | 12615.000 | 35.49 | 15.75 | 51.24 | 74.00 | -22.76 | peak |
| 5 | 14715.000 | 33.51 | 17.74 | 51.25 | 74.00 | -22.75 | peak |
| 6 | 18000.000 | 27.87 | 24.27 | 52.14 | 74.00 | -21.86 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

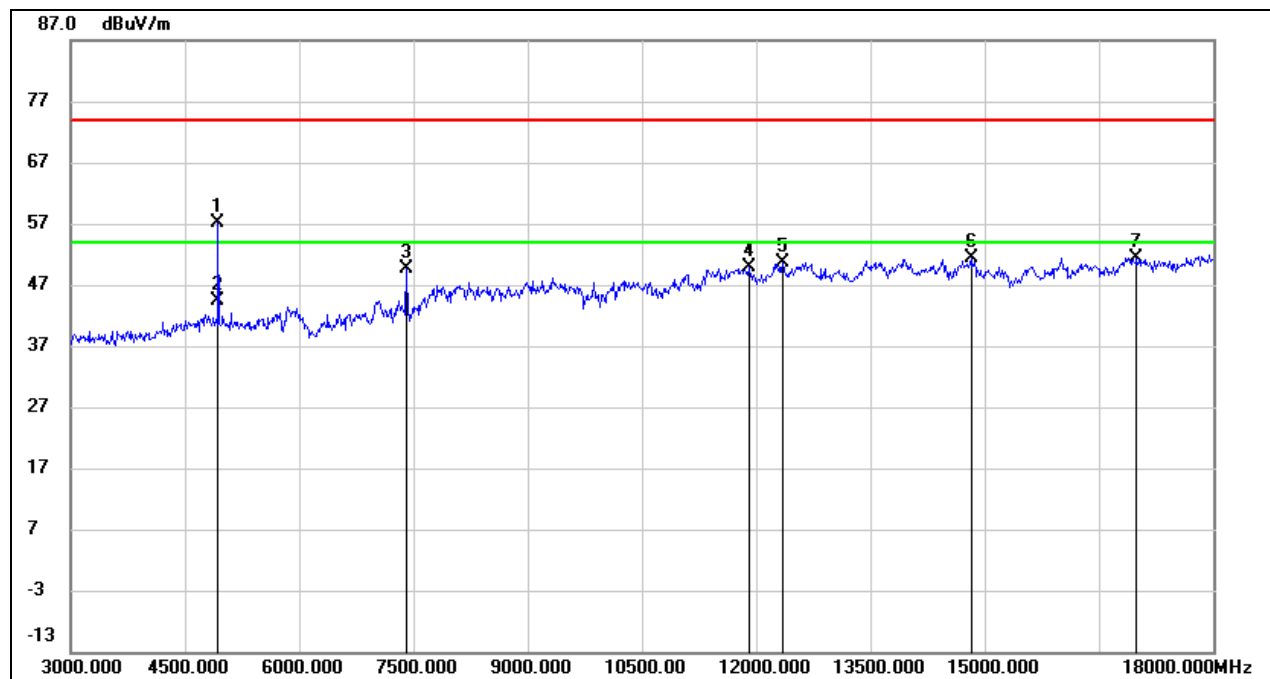
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 4935.000 | 55.53 | 1.59 | 57.12 | 74.00 | -16.88 | peak |
| 2 | 4935.000 | 42.81 | 1.59 | 44.40 | 54.00 | -9.60 | AVG |
| 3 | 7410.000 | 41.71 | 8.02 | 49.73 | 74.00 | -24.27 | peak |
| 4 | 11910.000 | 34.31 | 15.52 | 49.83 | 74.00 | -24.17 | peak |
| 5 | 12345.000 | 34.65 | 16.03 | 50.68 | 74.00 | -23.32 | peak |
| 6 | 14820.000 | 33.49 | 17.91 | 51.40 | 74.00 | -22.60 | peak |
| 7 | 16995.000 | 30.03 | 21.26 | 51.29 | 74.00 | -22.71 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. AVG: $VBW=1/Ton$, where: Ton is the transmitting duration.

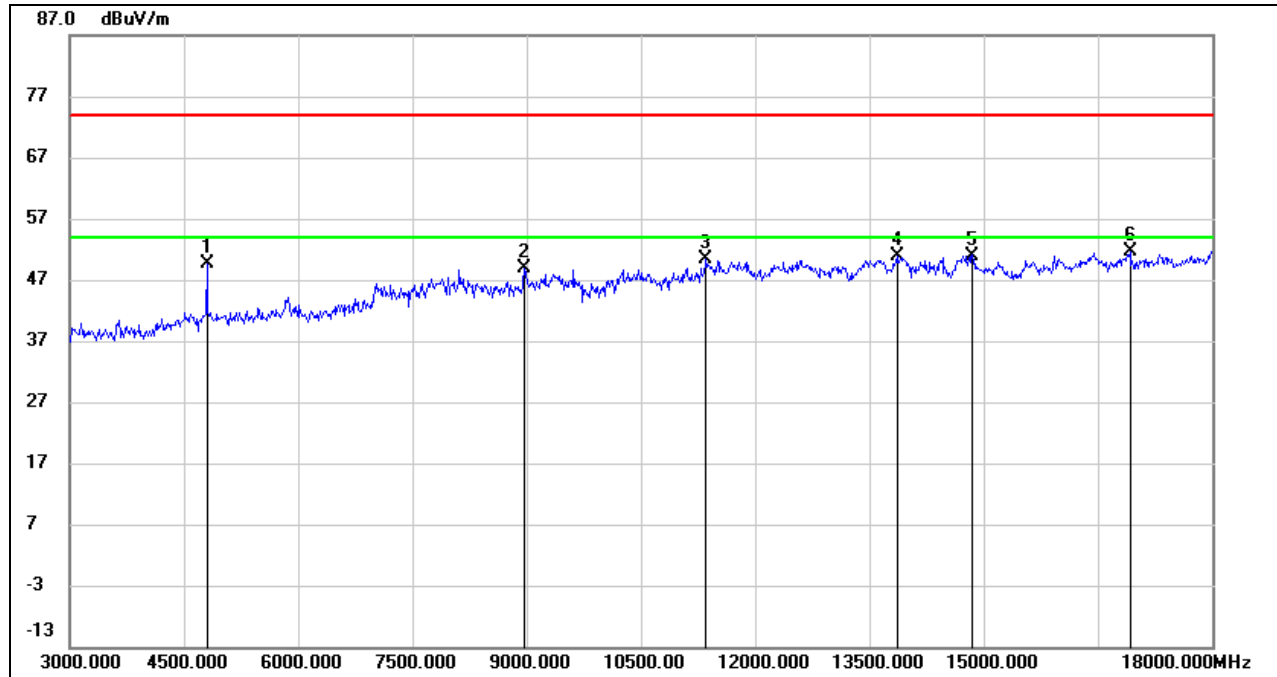
5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8.3.3. 2.4G SRD 3MHz MODE

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 4800.000 | 48.18 | 1.40 | 49.58 | 74.00 | -24.42 | peak |
| 2 | 8970.000 | 38.11 | 10.70 | 48.81 | 74.00 | -25.19 | peak |
| 3 | 11355.000 | 35.95 | 14.34 | 50.29 | 74.00 | -23.71 | peak |
| 4 | 13860.000 | 33.36 | 17.55 | 50.91 | 74.00 | -23.09 | peak |
| 5 | 14850.000 | 33.29 | 17.71 | 51.00 | 74.00 | -23.00 | peak |
| 6 | 16920.000 | 30.12 | 21.51 | 51.63 | 74.00 | -22.37 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

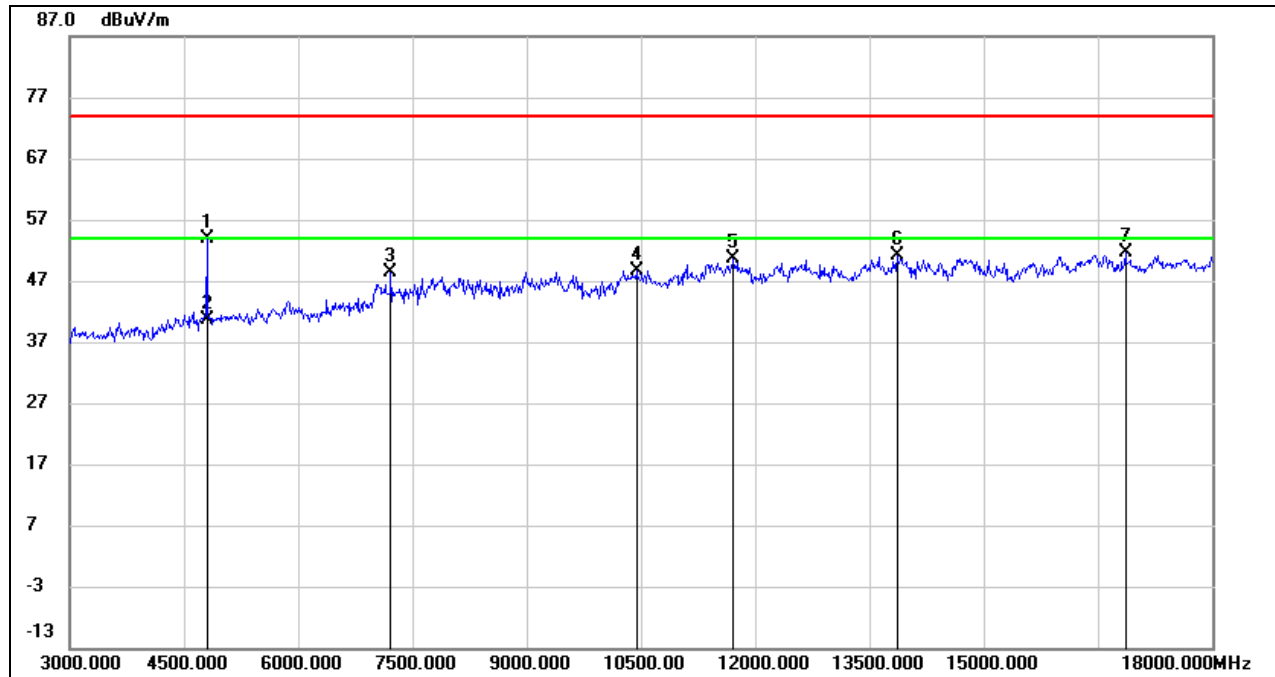
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

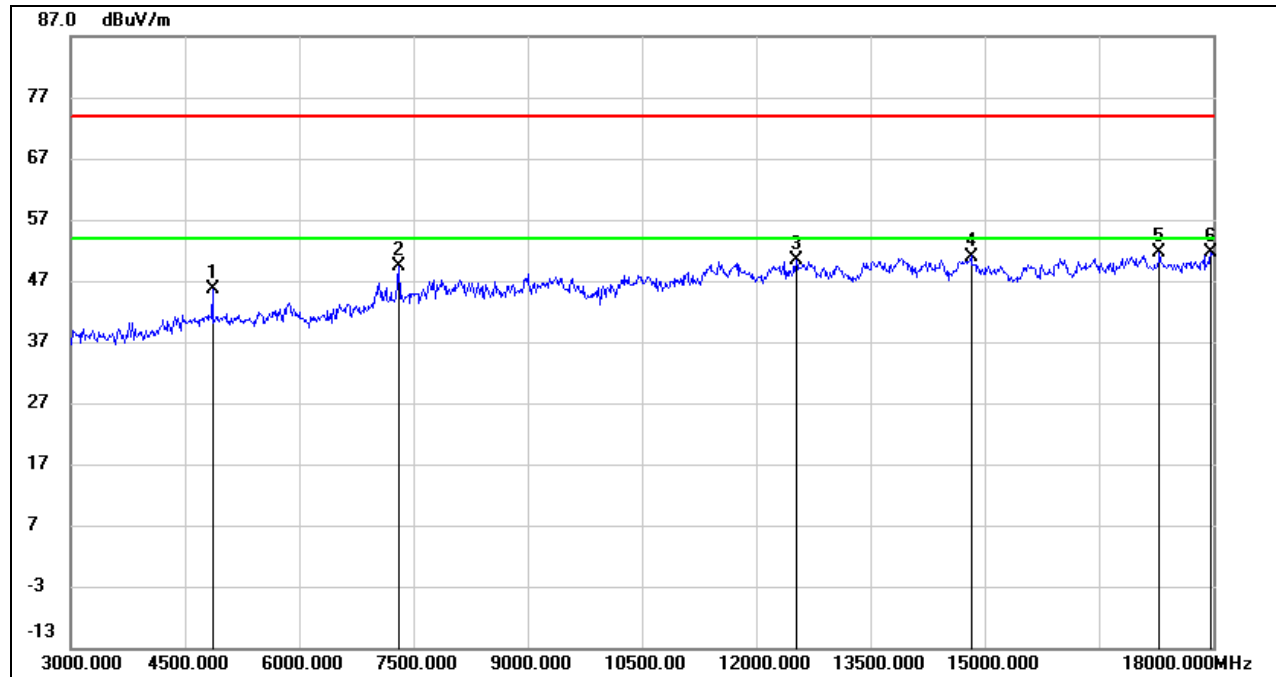
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 4800.000 | 52.59 | 1.40 | 53.99 | 74.00 | -20.01 | peak |
| 2 | 4800.000 | 39.33 | 1.40 | 40.73 | 54.00 | -13.27 | AVG |
| 3 | 7215.000 | 41.11 | 7.32 | 48.43 | 74.00 | -25.57 | peak |
| 4 | 10440.000 | 36.38 | 12.28 | 48.66 | 74.00 | -25.34 | peak |
| 5 | 11715.000 | 35.31 | 15.34 | 50.65 | 74.00 | -23.35 | peak |
| 6 | 13860.000 | 33.61 | 17.55 | 51.16 | 74.00 | -22.84 | peak |
| 7 | 16860.000 | 30.47 | 21.22 | 51.69 | 74.00 | -22.31 | peak |

- Note: 1. Peak Result = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: $VBW=1/Ton$, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 4860.000 | 44.41 | 1.33 | 45.74 | 74.00 | -28.26 | peak |
| 2 | 7305.000 | 42.32 | 7.14 | 49.46 | 74.00 | -24.54 | peak |
| 3 | 12525.000 | 34.70 | 15.70 | 50.40 | 74.00 | -23.60 | peak |
| 4 | 14820.000 | 33.09 | 17.91 | 51.00 | 74.00 | -23.00 | peak |
| 5 | 17295.000 | 29.11 | 22.58 | 51.69 | 74.00 | -22.31 | peak |
| 6 | 17970.000 | 27.43 | 24.15 | 51.58 | 74.00 | -22.42 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

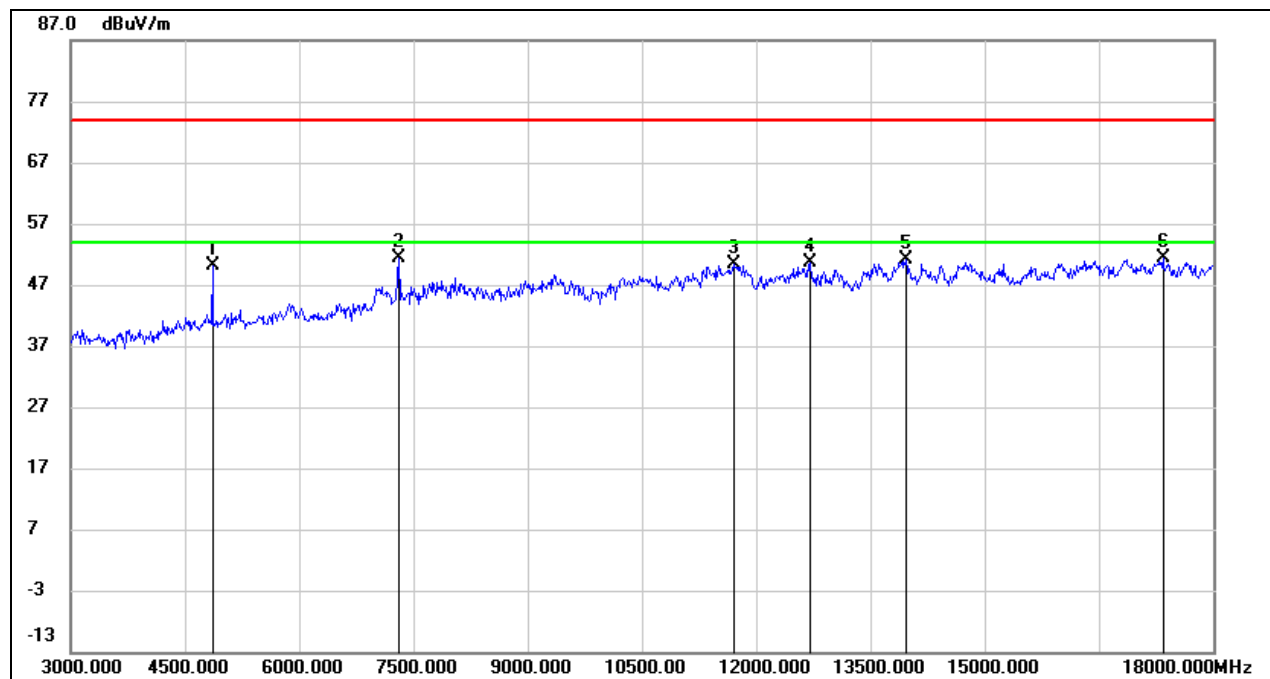
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 4860.000 | 48.71 | 1.33 | 50.04 | 74.00 | -23.96 | peak |
| 2 | 7305.000 | 44.16 | 7.14 | 51.30 | 74.00 | -22.70 | peak |
| 3 | 11700.000 | 35.05 | 15.35 | 50.40 | 74.00 | -23.60 | peak |
| 4 | 12705.000 | 34.87 | 15.64 | 50.51 | 74.00 | -23.49 | peak |
| 5 | 13965.000 | 33.49 | 17.62 | 51.11 | 74.00 | -22.89 | peak |
| 6 | 17340.000 | 29.03 | 22.31 | 51.34 | 74.00 | -22.66 | peak |

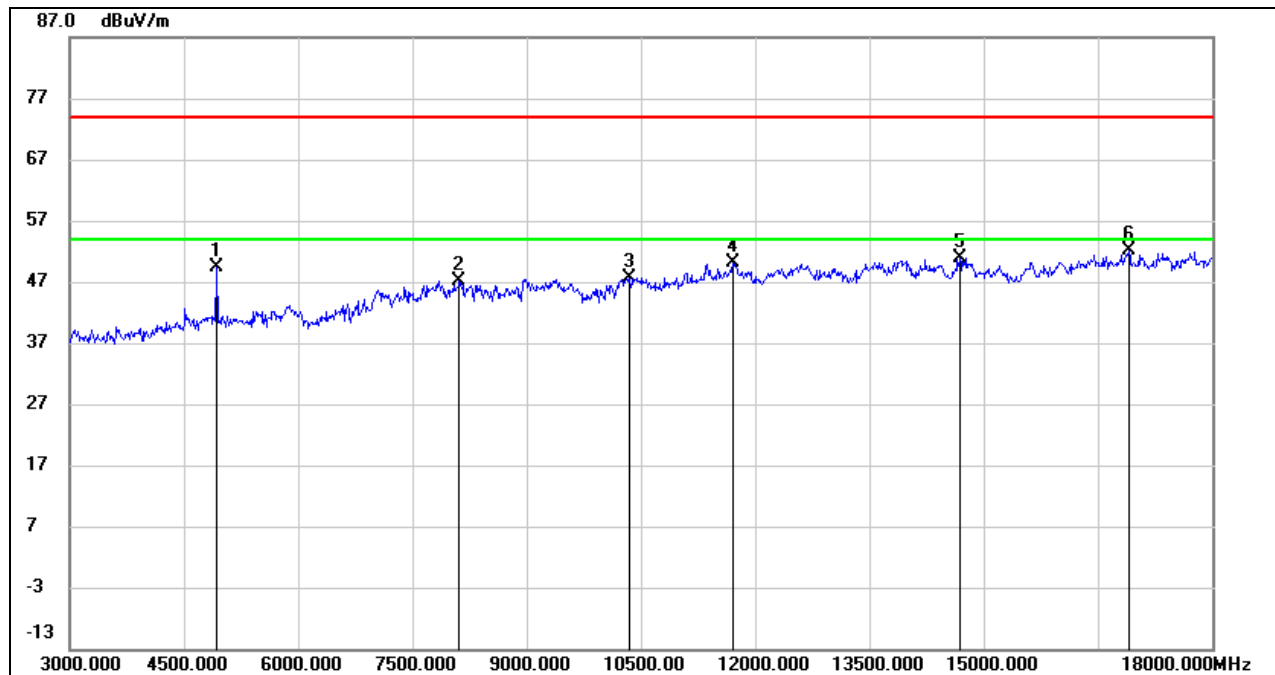
Note: 1. Peak Result = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

**HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)**

| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 4935.000 | 47.79 | 1.59 | 49.38 | 74.00 | -24.62 | peak |
| 2 | 8115.000 | 36.93 | 10.13 | 47.06 | 74.00 | -26.94 | peak |
| 3 | 10350.000 | 35.57 | 12.02 | 47.59 | 74.00 | -26.41 | peak |
| 4 | 11700.000 | 34.75 | 15.35 | 50.10 | 74.00 | -23.90 | peak |
| 5 | 14685.000 | 33.17 | 17.64 | 50.81 | 74.00 | -23.19 | peak |
| 6 | 16905.000 | 30.48 | 21.55 | 52.03 | 74.00 | -21.97 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

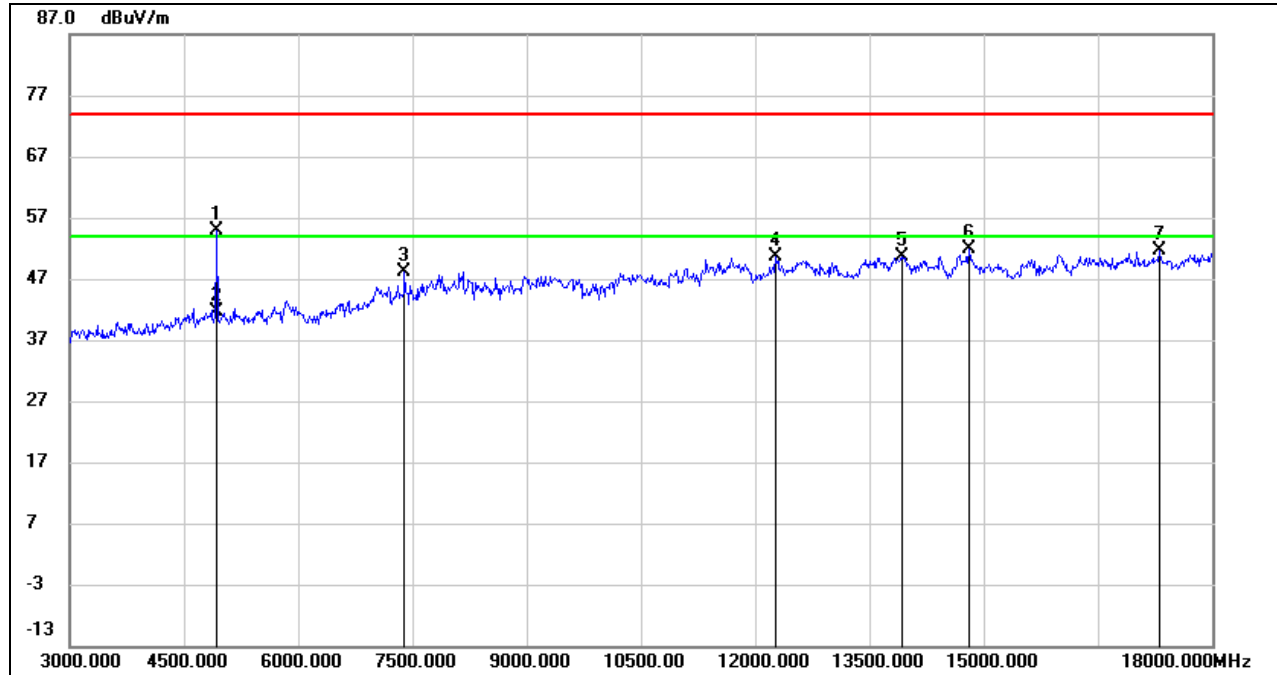
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 4935.000 | 53.39 | 1.59 | 54.98 | 74.00 | -19.02 | peak |
| 2 | 4935.000 | 40.08 | 1.59 | 41.67 | 54.00 | -12.33 | AVG |
| 3 | 7395.000 | 40.27 | 7.93 | 48.20 | 74.00 | -25.80 | peak |
| 4 | 12270.000 | 34.61 | 16.04 | 50.65 | 74.00 | -23.35 | peak |
| 5 | 13920.000 | 32.97 | 17.55 | 50.52 | 74.00 | -23.48 | peak |
| 6 | 14805.000 | 33.91 | 18.00 | 51.91 | 74.00 | -22.09 | peak |
| 7 | 17310.000 | 29.18 | 22.54 | 51.72 | 74.00 | -22.28 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

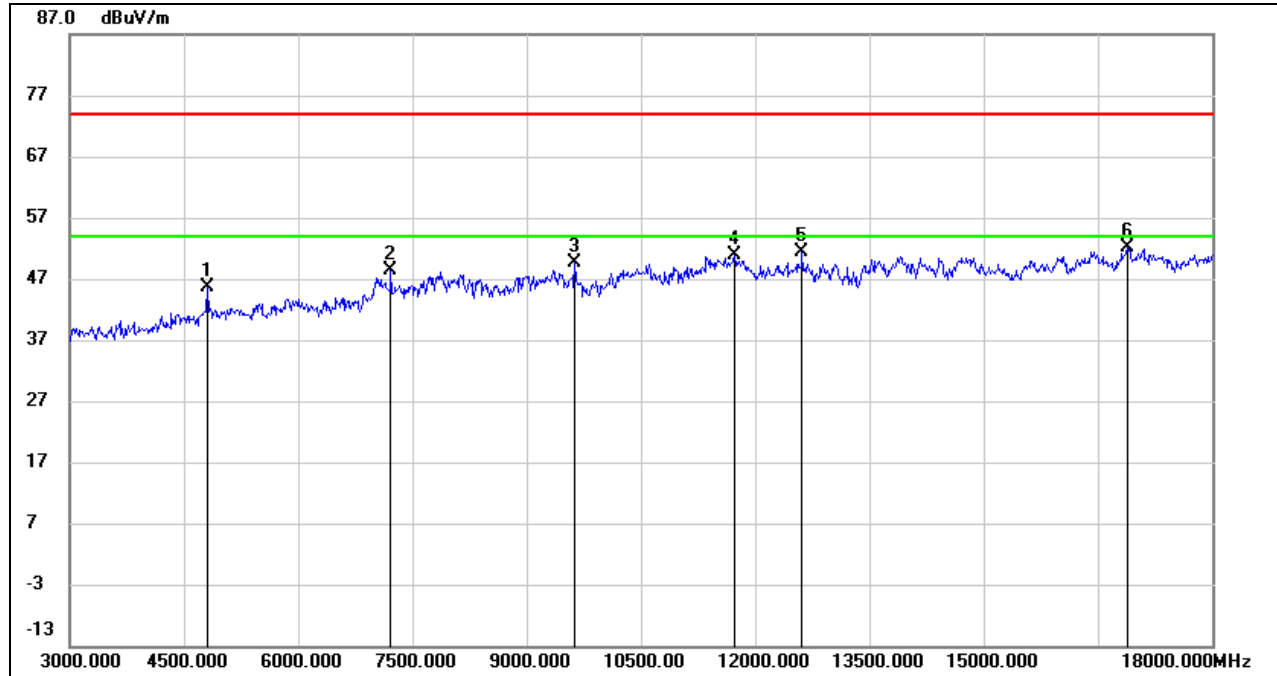
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

Note: All the modes and channels had been tested, but only the worst data was recorded in the report.

8.3.4. 2.4G SRD 3MHz CA MODE

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 4815.000 | 44.35 | 1.38 | 45.73 | 74.00 | -28.27 | peak |
| 2 | 7215.000 | 41.07 | 7.32 | 48.39 | 74.00 | -25.61 | peak |
| 3 | 9630.000 | 38.76 | 10.88 | 49.64 | 74.00 | -24.36 | peak |
| 4 | 11730.000 | 35.59 | 15.32 | 50.91 | 74.00 | -23.09 | peak |
| 5 | 12615.000 | 35.71 | 15.75 | 51.46 | 74.00 | -22.54 | peak |
| 6 | 16890.000 | 30.75 | 21.49 | 52.24 | 74.00 | -21.76 | peak |

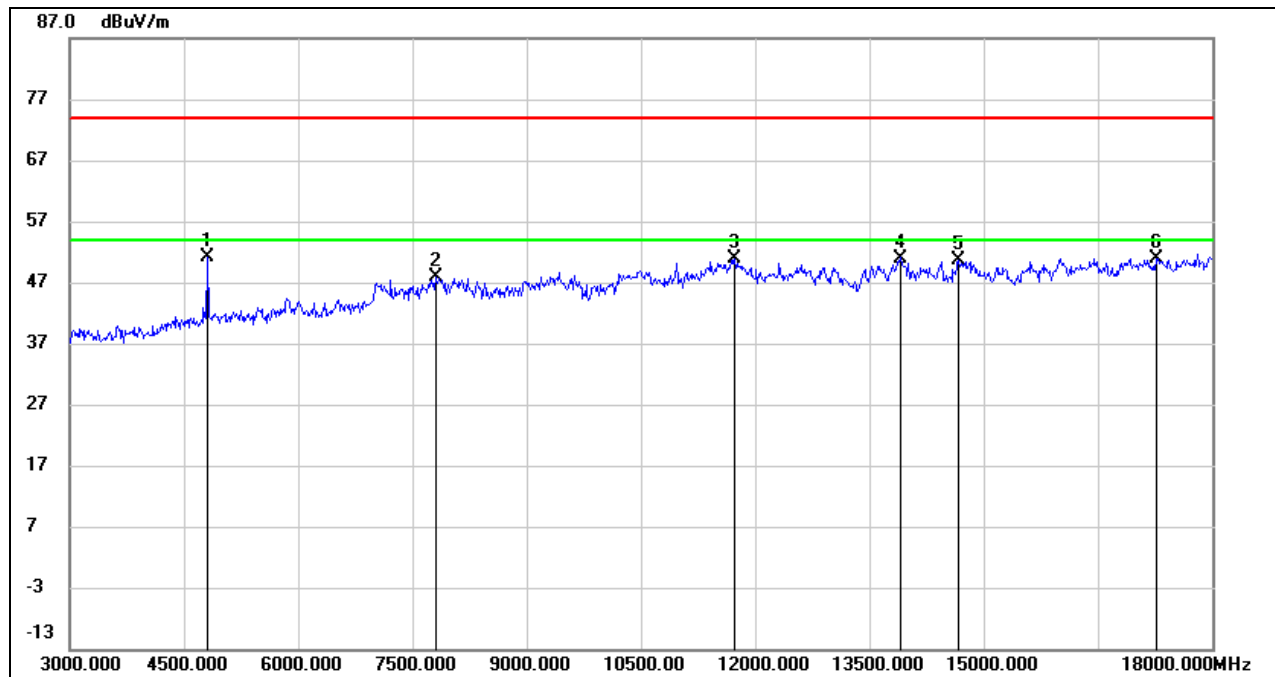
Note: 1. Peak Result = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

**HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)**

| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 4815.000 | 49.67 | 1.38 | 51.05 | 74.00 | -22.95 | peak |
| 2 | 7800.000 | 38.54 | 9.35 | 47.89 | 74.00 | -26.11 | peak |
| 3 | 11730.000 | 35.48 | 15.32 | 50.80 | 74.00 | -23.20 | peak |
| 4 | 13905.000 | 33.46 | 17.54 | 51.00 | 74.00 | -23.00 | peak |
| 5 | 14670.000 | 32.93 | 17.59 | 50.52 | 74.00 | -23.48 | peak |
| 6 | 17265.000 | 28.60 | 22.39 | 50.99 | 74.00 | -23.01 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

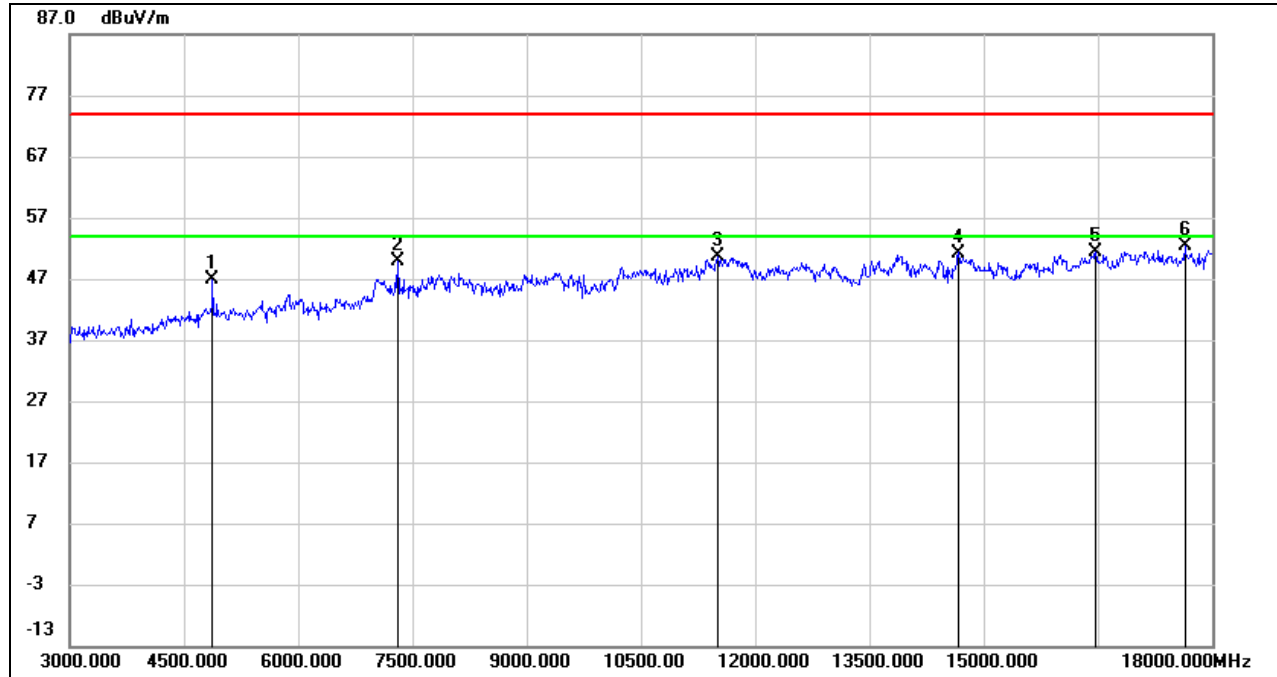
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 4875.000 | 45.58 | 1.32 | 46.90 | 74.00 | -27.10 | peak |
| 2 | 7305.000 | 42.62 | 7.14 | 49.76 | 74.00 | -24.24 | peak |
| 3 | 11505.000 | 36.06 | 14.66 | 50.72 | 74.00 | -23.28 | peak |
| 4 | 14670.000 | 33.66 | 17.59 | 51.25 | 74.00 | -22.75 | peak |
| 5 | 16470.000 | 31.78 | 19.68 | 51.46 | 74.00 | -22.54 | peak |
| 6 | 17640.000 | 29.26 | 23.03 | 52.29 | 74.00 | -21.71 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

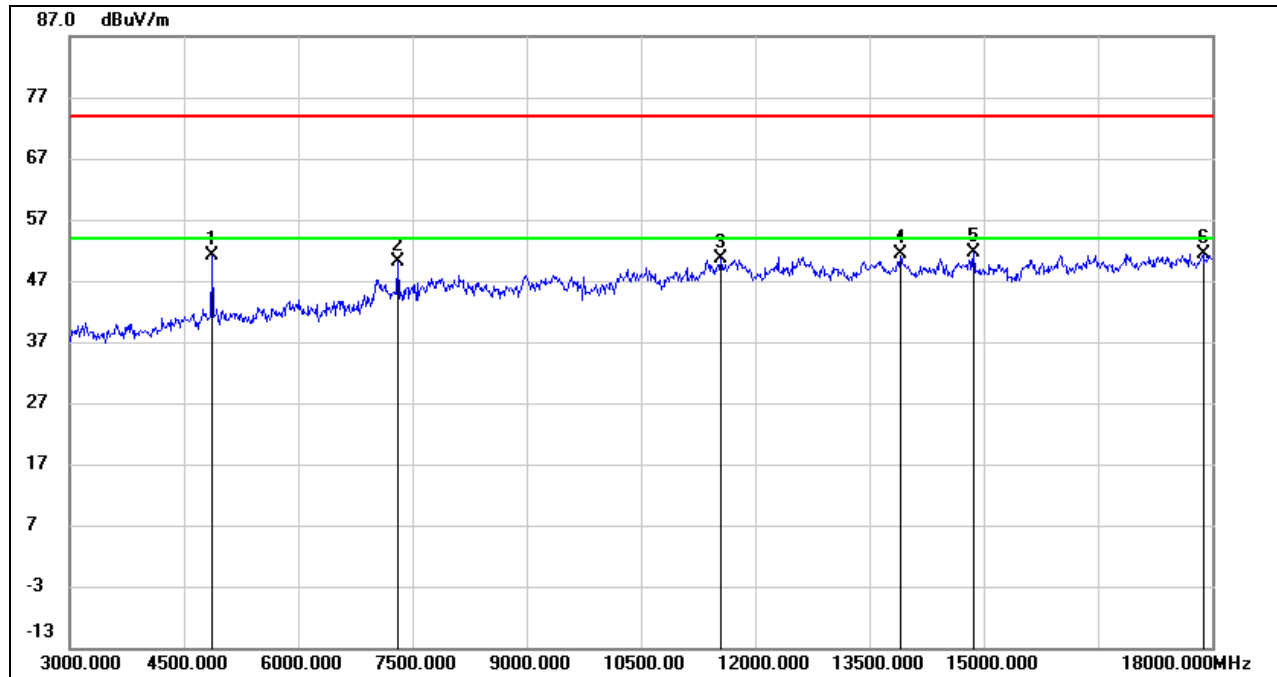
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 4875.000 | 49.75 | 1.32 | 51.07 | 74.00 | -22.93 | peak |
| 2 | 7305.000 | 43.10 | 7.14 | 50.24 | 74.00 | -23.76 | peak |
| 3 | 11550.000 | 35.96 | 14.68 | 50.64 | 74.00 | -23.36 | peak |
| 4 | 13905.000 | 33.87 | 17.54 | 51.41 | 74.00 | -22.59 | peak |
| 5 | 14865.000 | 34.01 | 17.61 | 51.62 | 74.00 | -22.38 | peak |
| 6 | 17880.000 | 27.52 | 23.93 | 51.45 | 74.00 | -22.55 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

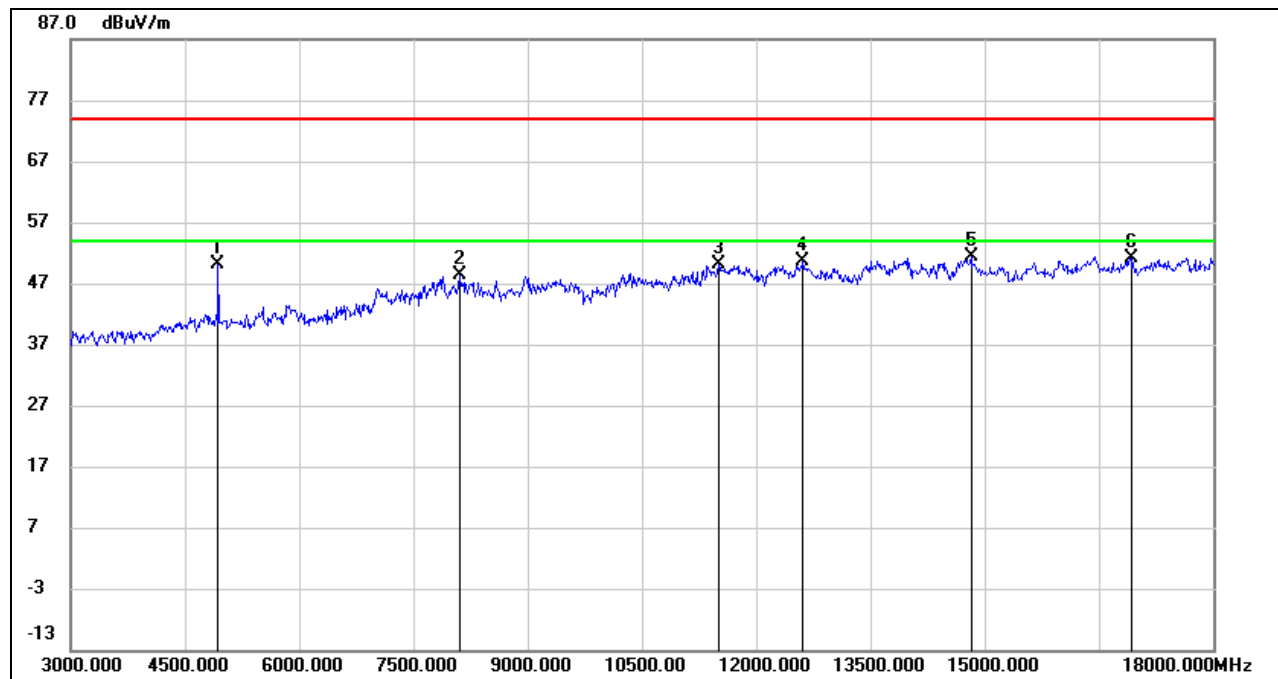
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 4935.000 | 48.42 | 1.59 | 50.01 | 74.00 | -23.99 | peak |
| 2 | 8100.000 | 38.30 | 10.18 | 48.48 | 74.00 | -25.52 | peak |
| 3 | 11505.000 | 35.58 | 14.66 | 50.24 | 74.00 | -23.76 | peak |
| 4 | 12615.000 | 34.81 | 15.75 | 50.56 | 74.00 | -23.44 | peak |
| 5 | 14820.000 | 33.42 | 17.91 | 51.33 | 74.00 | -22.67 | peak |
| 6 | 16920.000 | 29.61 | 21.51 | 51.12 | 74.00 | -22.88 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

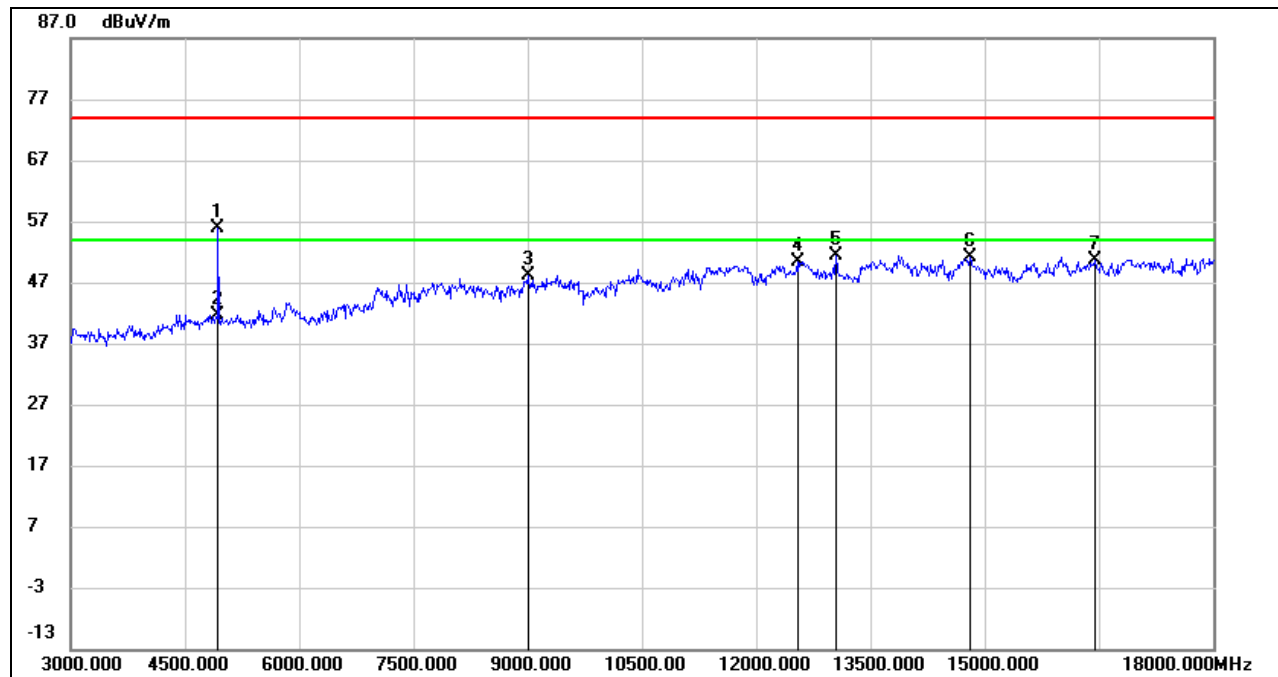
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



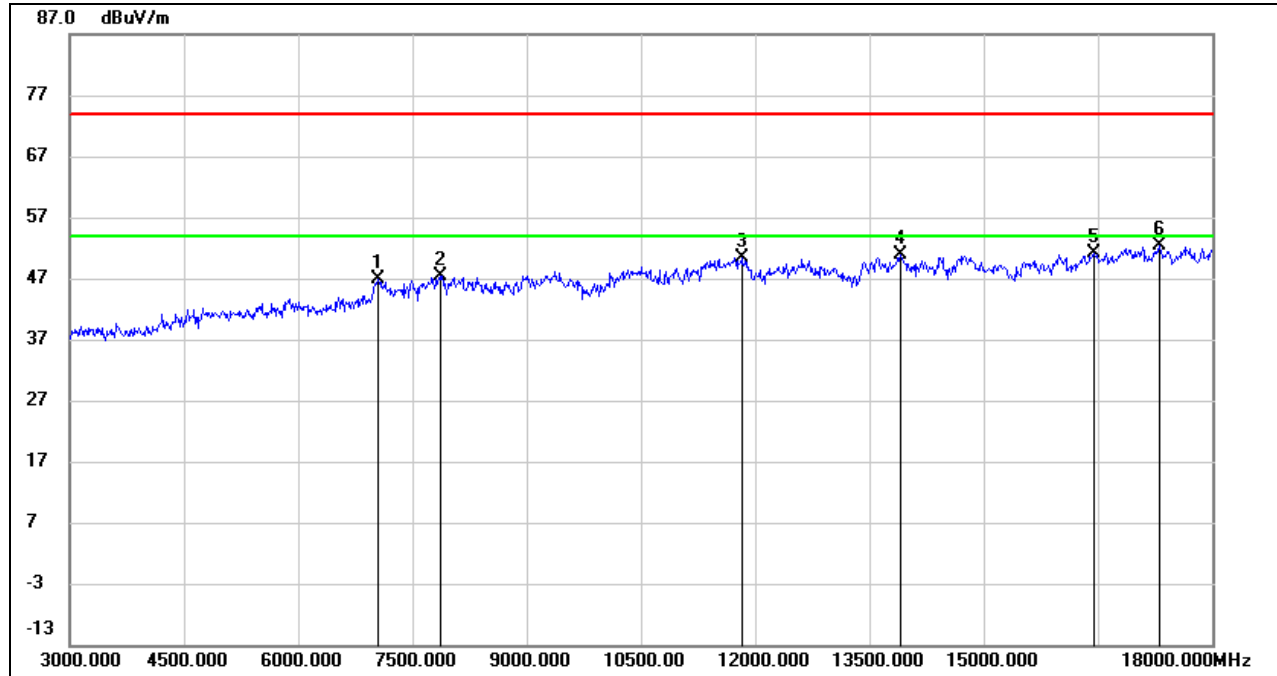
| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 4935.000 | 54.18 | 1.59 | 55.77 | 74.00 | -18.23 | peak |
| 2 | 4935.000 | 40.01 | 1.59 | 41.60 | 54.00 | -12.40 | AVG |
| 3 | 9000.000 | 36.92 | 11.27 | 48.19 | 74.00 | -25.81 | peak |
| 4 | 12540.000 | 34.61 | 15.72 | 50.33 | 74.00 | -23.67 | peak |
| 5 | 13050.000 | 35.41 | 16.01 | 51.42 | 74.00 | -22.58 | peak |
| 6 | 14805.000 | 33.01 | 18.00 | 51.01 | 74.00 | -22.99 | peak |
| 7 | 16455.000 | 31.06 | 19.68 | 50.74 | 74.00 | -23.26 | peak |

- Note: 1. Peak Result = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: $VBW=1/Ton$, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

Note: All the modes and channels had been tested, but only the worst data was recorded in the report.

8.3.5. 2.4G SRD 10MHz MODE

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 7050.000 | 39.25 | 7.63 | 46.88 | 74.00 | -27.12 | peak |
| 2 | 7860.000 | 38.35 | 9.05 | 47.40 | 74.00 | -26.60 | peak |
| 3 | 11820.000 | 35.15 | 15.29 | 50.44 | 74.00 | -23.56 | peak |
| 4 | 13905.000 | 33.45 | 17.54 | 50.99 | 74.00 | -23.01 | peak |
| 5 | 16440.000 | 31.34 | 19.68 | 51.02 | 74.00 | -22.98 | peak |
| 6 | 17310.000 | 29.91 | 22.54 | 52.45 | 74.00 | -21.55 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

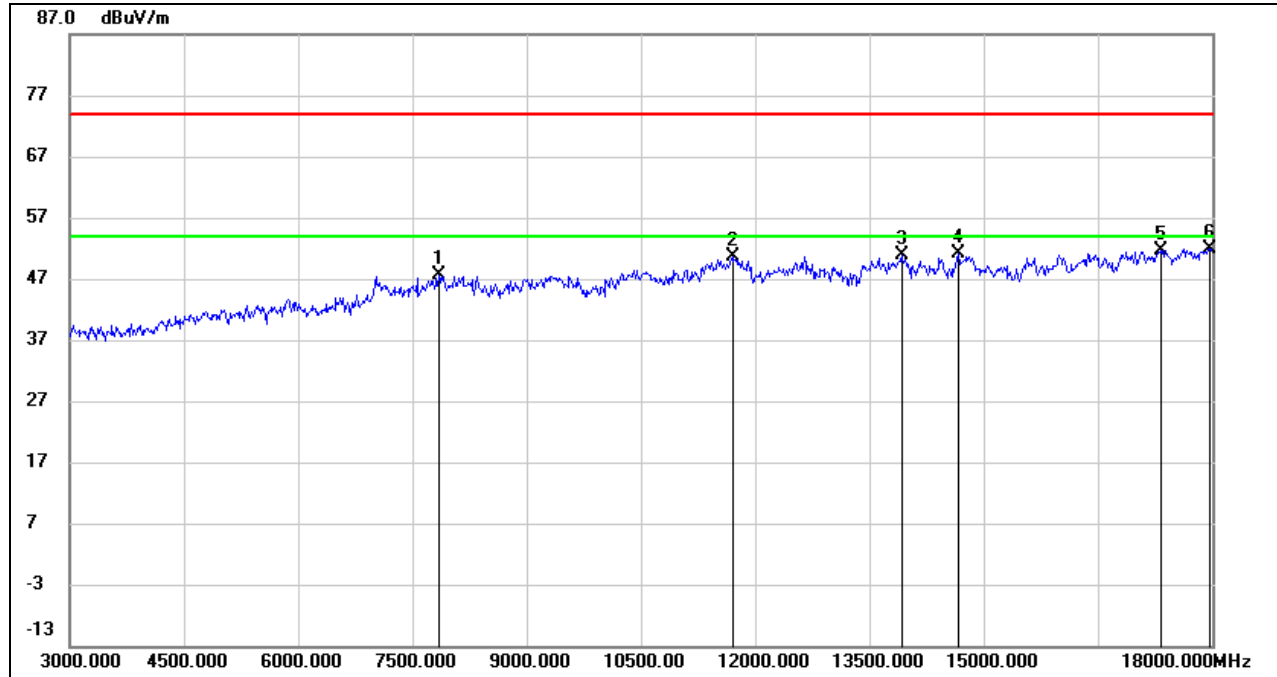
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 7845.000 | 38.56 | 9.14 | 47.70 | 74.00 | -26.30 | peak |
| 2 | 11715.000 | 35.20 | 15.34 | 50.54 | 74.00 | -23.46 | peak |
| 3 | 13920.000 | 33.45 | 17.55 | 51.00 | 74.00 | -23.00 | peak |
| 4 | 14670.000 | 33.43 | 17.59 | 51.02 | 74.00 | -22.98 | peak |
| 5 | 17325.000 | 29.28 | 22.42 | 51.70 | 74.00 | -22.30 | peak |
| 6 | 17970.000 | 27.83 | 24.15 | 51.98 | 74.00 | -22.02 | peak |

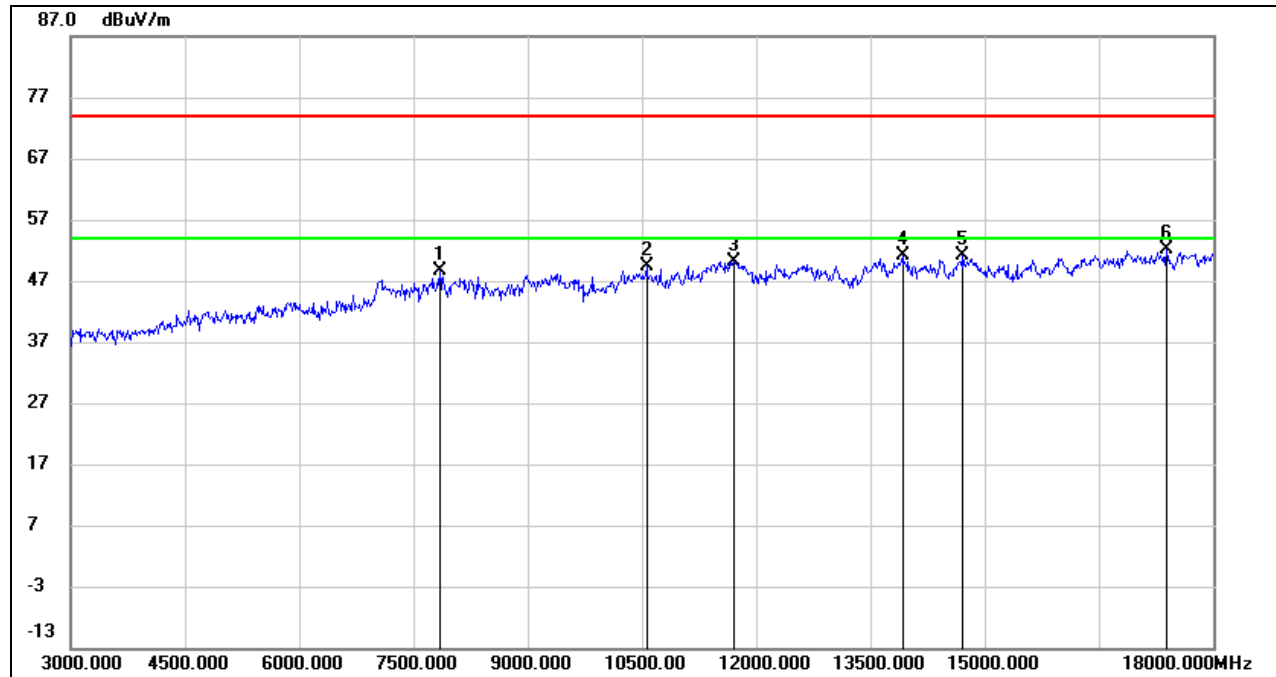
Note: 1. Peak Result = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

**HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)**

| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 7845.000 | 39.49 | 9.14 | 48.63 | 74.00 | -25.37 | peak |
| 2 | 10560.000 | 36.78 | 12.56 | 49.34 | 74.00 | -24.66 | peak |
| 3 | 11700.000 | 34.88 | 15.35 | 50.23 | 74.00 | -23.77 | peak |
| 4 | 13920.000 | 33.47 | 17.55 | 51.02 | 74.00 | -22.98 | peak |
| 5 | 14715.000 | 33.36 | 17.74 | 51.10 | 74.00 | -22.90 | peak |
| 6 | 17385.000 | 30.26 | 21.98 | 52.24 | 74.00 | -21.76 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

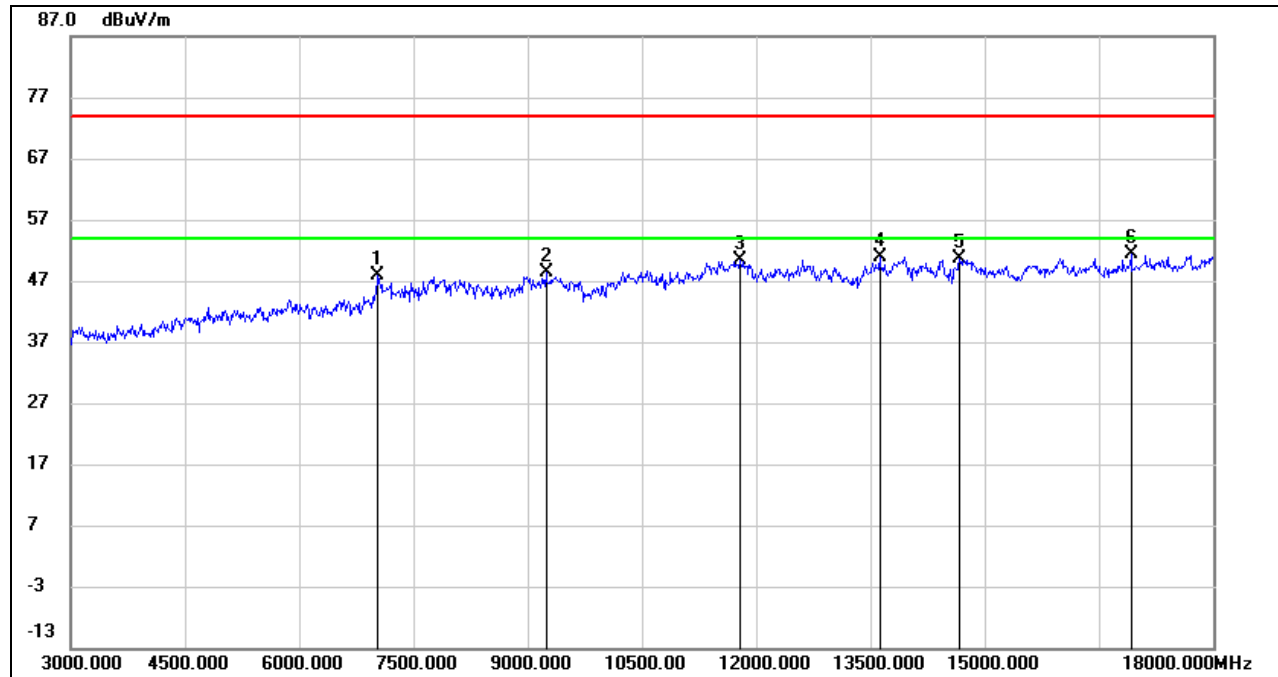
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 7035.000 | 40.27 | 7.62 | 47.89 | 74.00 | -26.11 | peak |
| 2 | 9240.000 | 38.32 | 10.10 | 48.42 | 74.00 | -25.58 | peak |
| 3 | 11790.000 | 35.11 | 15.26 | 50.37 | 74.00 | -23.63 | peak |
| 4 | 13620.000 | 33.71 | 17.19 | 50.90 | 74.00 | -23.10 | peak |
| 5 | 14670.000 | 32.92 | 17.59 | 50.51 | 74.00 | -23.49 | peak |
| 6 | 16920.000 | 29.88 | 21.51 | 51.39 | 74.00 | -22.61 | peak |

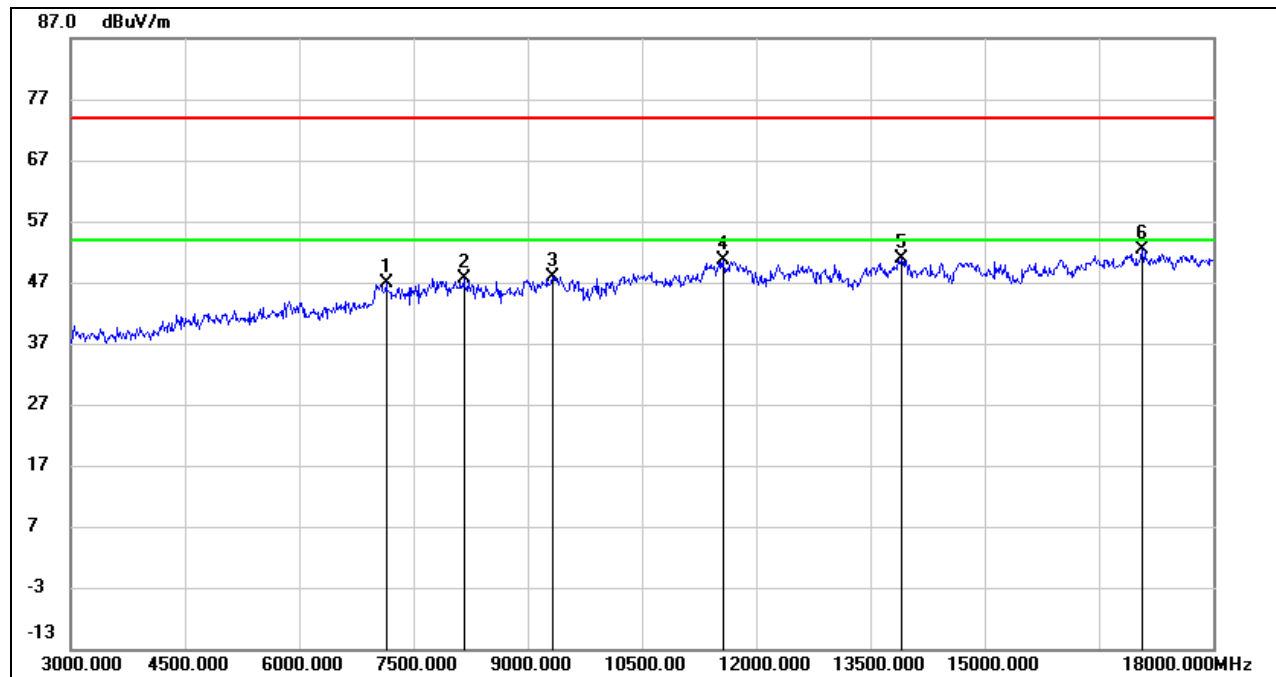
Note: 1. Peak Result = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

**HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)**

| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 7140.000 | 39.25 | 7.53 | 46.78 | 74.00 | -27.22 | peak |
| 2 | 8160.000 | 37.68 | 9.96 | 47.64 | 74.00 | -26.36 | peak |
| 3 | 9330.000 | 37.30 | 10.57 | 47.87 | 74.00 | -26.13 | peak |
| 4 | 11565.000 | 35.89 | 14.69 | 50.58 | 74.00 | -23.42 | peak |
| 5 | 13905.000 | 33.31 | 17.54 | 50.85 | 74.00 | -23.15 | peak |
| 6 | 17070.000 | 30.67 | 21.71 | 52.38 | 74.00 | -21.62 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

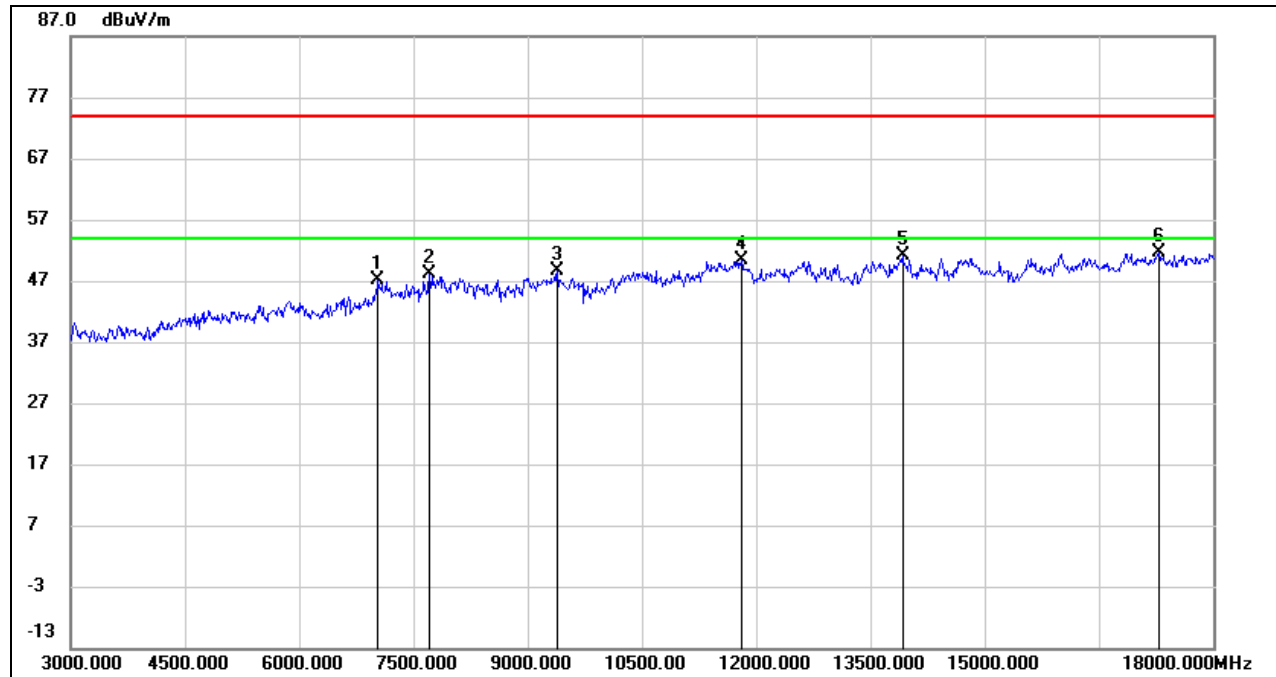
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 7035.000 | 39.57 | 7.62 | 47.19 | 74.00 | -26.81 | peak |
| 2 | 7710.000 | 39.54 | 8.54 | 48.08 | 74.00 | -25.92 | peak |
| 3 | 9390.000 | 37.63 | 10.92 | 48.55 | 74.00 | -25.45 | peak |
| 4 | 11805.000 | 35.19 | 15.26 | 50.45 | 74.00 | -23.55 | peak |
| 5 | 13920.000 | 33.47 | 17.55 | 51.02 | 74.00 | -22.98 | peak |
| 6 | 17295.000 | 29.14 | 22.58 | 51.72 | 74.00 | -22.28 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

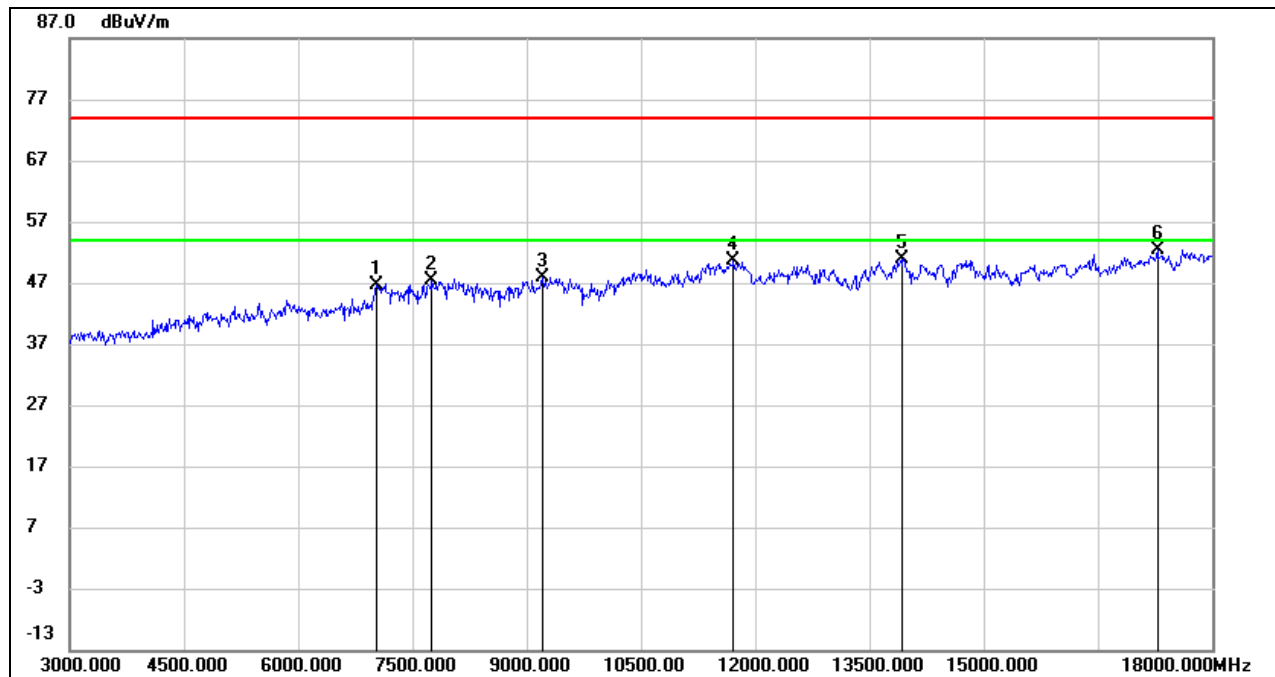
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



8.3.6. 2.4G SRD 20MHz MODE

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 7020.000 | 39.09 | 7.61 | 46.70 | 74.00 | -27.30 | peak |
| 2 | 7755.000 | 38.38 | 8.94 | 47.32 | 74.00 | -26.68 | peak |
| 3 | 9210.000 | 38.01 | 9.95 | 47.96 | 74.00 | -26.04 | peak |
| 4 | 11715.000 | 35.34 | 15.34 | 50.68 | 74.00 | -23.32 | peak |
| 5 | 13920.000 | 33.33 | 17.55 | 50.88 | 74.00 | -23.12 | peak |
| 6 | 17280.000 | 29.85 | 22.48 | 52.33 | 74.00 | -21.67 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

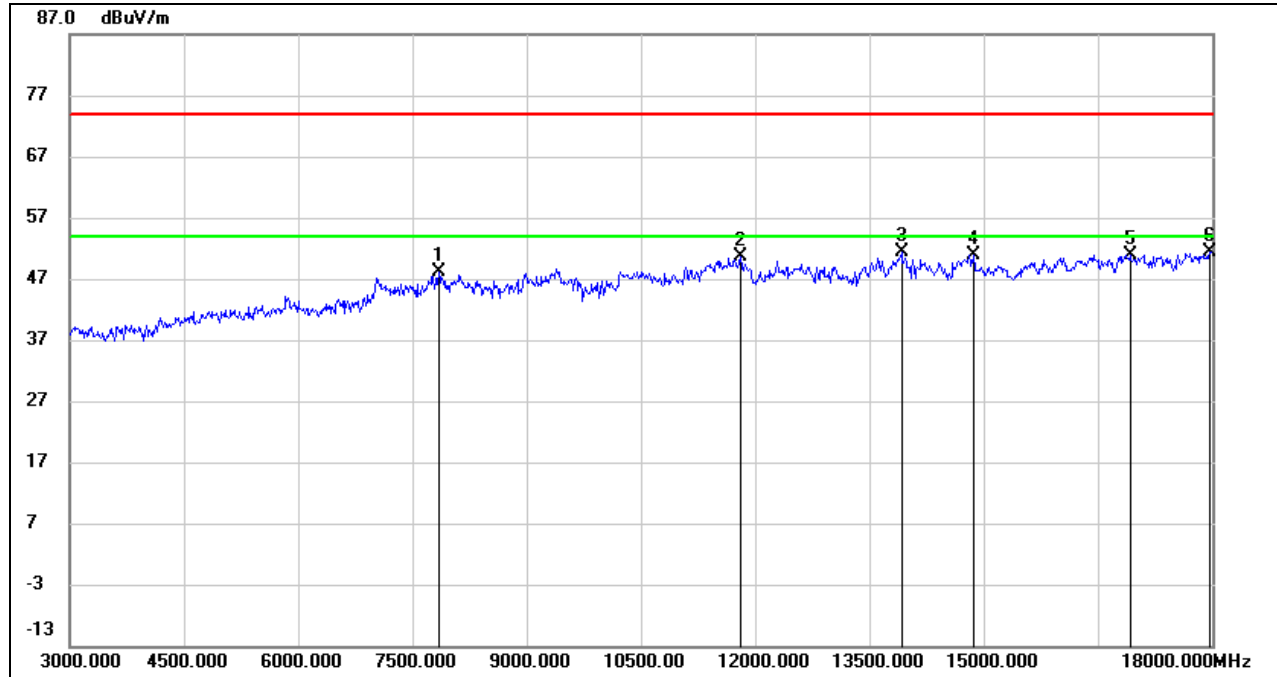
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 7845.000 | 38.88 | 9.14 | 48.02 | 74.00 | -25.98 | peak |
| 2 | 11805.000 | 35.43 | 15.26 | 50.69 | 74.00 | -23.31 | peak |
| 3 | 13920.000 | 33.92 | 17.55 | 51.47 | 74.00 | -22.53 | peak |
| 4 | 14865.000 | 33.36 | 17.61 | 50.97 | 74.00 | -23.03 | peak |
| 5 | 16920.000 | 29.47 | 21.51 | 50.98 | 74.00 | -23.02 | peak |
| 6 | 17970.000 | 27.33 | 24.15 | 51.48 | 74.00 | -22.52 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

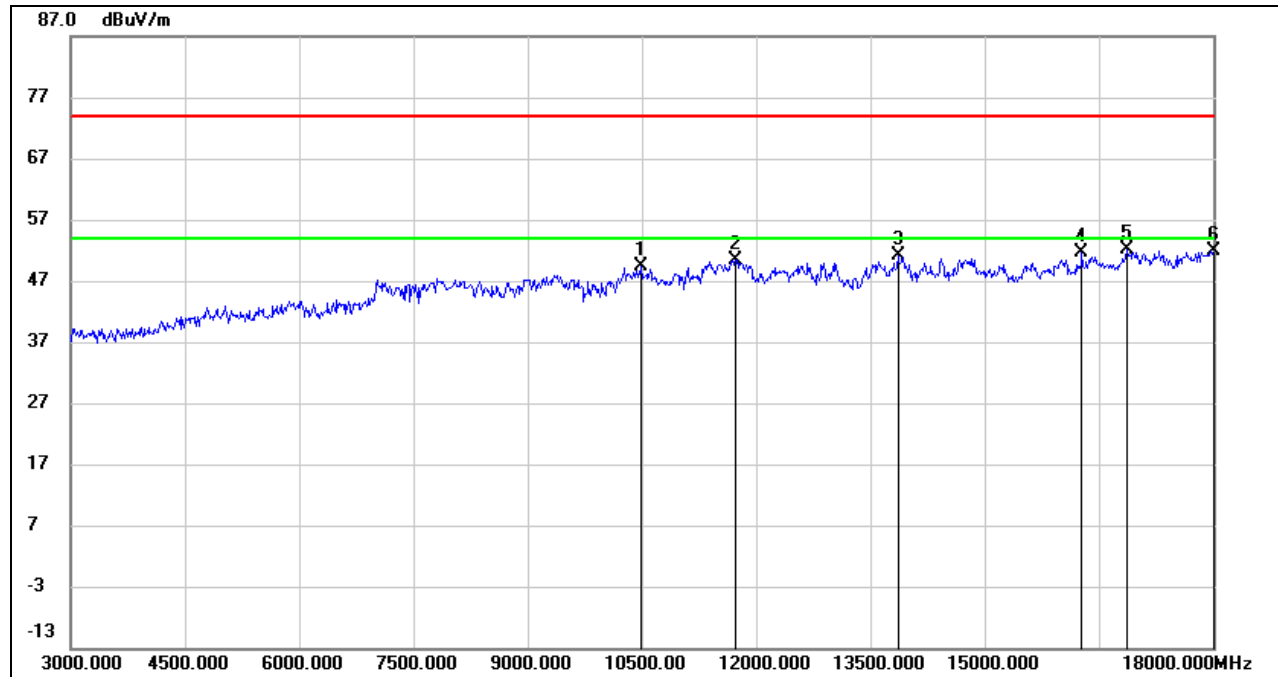
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 10485.000 | 36.91 | 12.35 | 49.26 | 74.00 | -24.74 | peak |
| 2 | 11730.000 | 35.10 | 15.32 | 50.42 | 74.00 | -23.58 | peak |
| 3 | 13860.000 | 33.48 | 17.55 | 51.03 | 74.00 | -22.97 | peak |
| 4 | 16275.000 | 32.20 | 19.38 | 51.58 | 74.00 | -22.42 | peak |
| 5 | 16860.000 | 30.86 | 21.22 | 52.08 | 74.00 | -21.92 | peak |
| 6 | 18000.000 | 27.52 | 24.27 | 51.79 | 74.00 | -22.21 | peak |

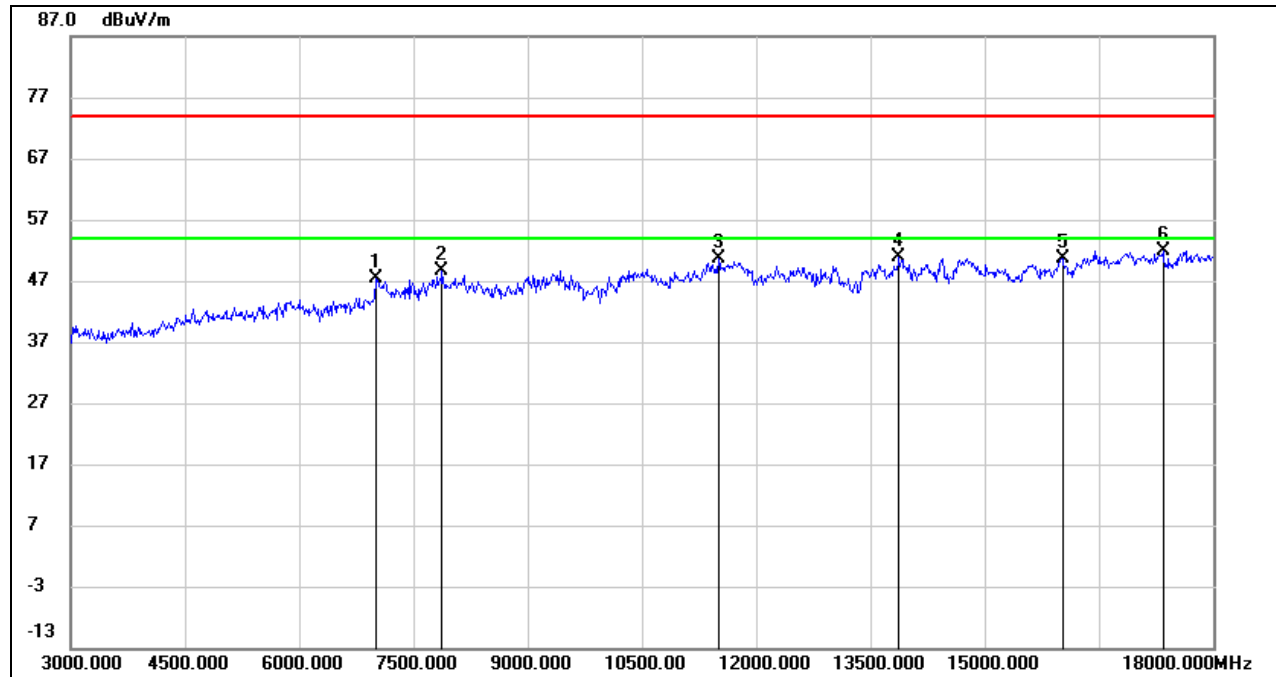
Note: 1. Peak Result = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

**HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)**

| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 7005.000 | 39.68 | 7.60 | 47.28 | 74.00 | -26.72 | peak |
| 2 | 7875.000 | 39.53 | 8.98 | 48.51 | 74.00 | -25.49 | peak |
| 3 | 11505.000 | 36.05 | 14.66 | 50.71 | 74.00 | -23.29 | peak |
| 4 | 13875.000 | 33.31 | 17.55 | 50.86 | 74.00 | -23.14 | peak |
| 5 | 16020.000 | 32.32 | 18.41 | 50.73 | 74.00 | -23.27 | peak |
| 6 | 17340.000 | 29.64 | 22.31 | 51.95 | 74.00 | -22.05 | peak |

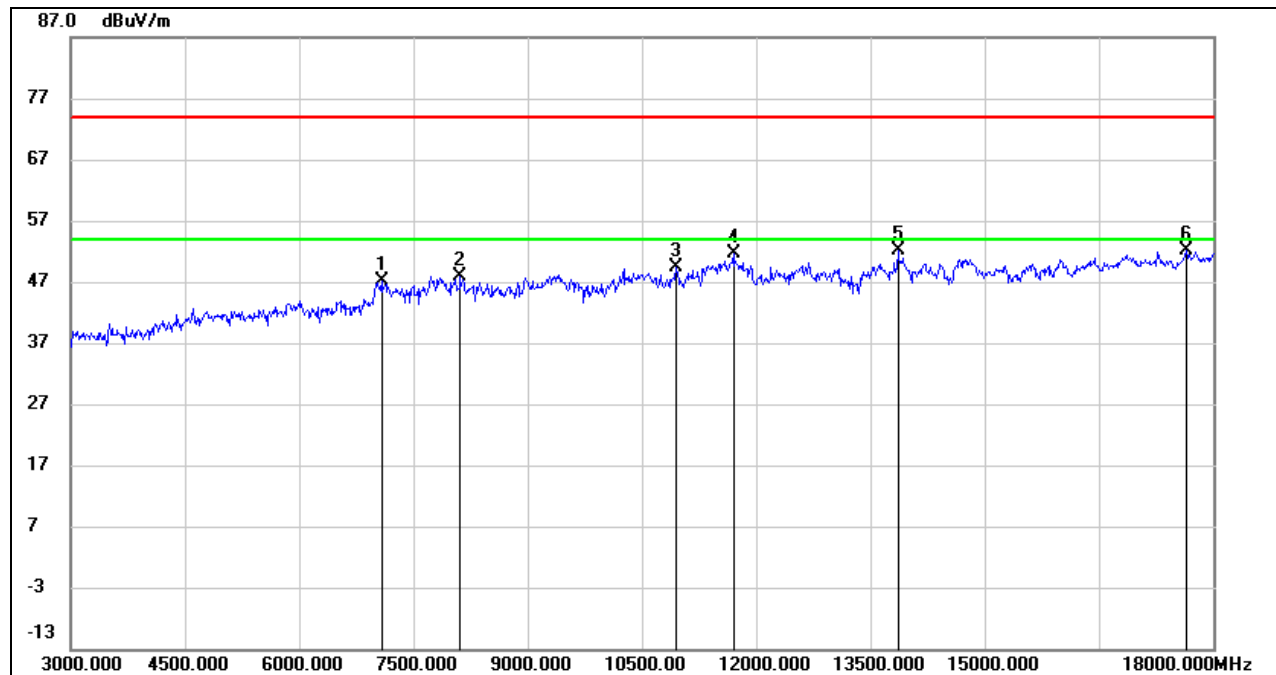
Note: 1. Peak Result = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

**HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)**

| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 7080.000 | 39.36 | 7.65 | 47.01 | 74.00 | -26.99 | peak |
| 2 | 8115.000 | 37.70 | 10.13 | 47.83 | 74.00 | -26.17 | peak |
| 3 | 10950.000 | 36.10 | 13.33 | 49.43 | 74.00 | -24.57 | peak |
| 4 | 11700.000 | 36.21 | 15.35 | 51.56 | 74.00 | -22.44 | peak |
| 5 | 13860.000 | 34.65 | 17.55 | 52.20 | 74.00 | -21.80 | peak |
| 6 | 17655.000 | 28.91 | 23.14 | 52.05 | 74.00 | -21.95 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

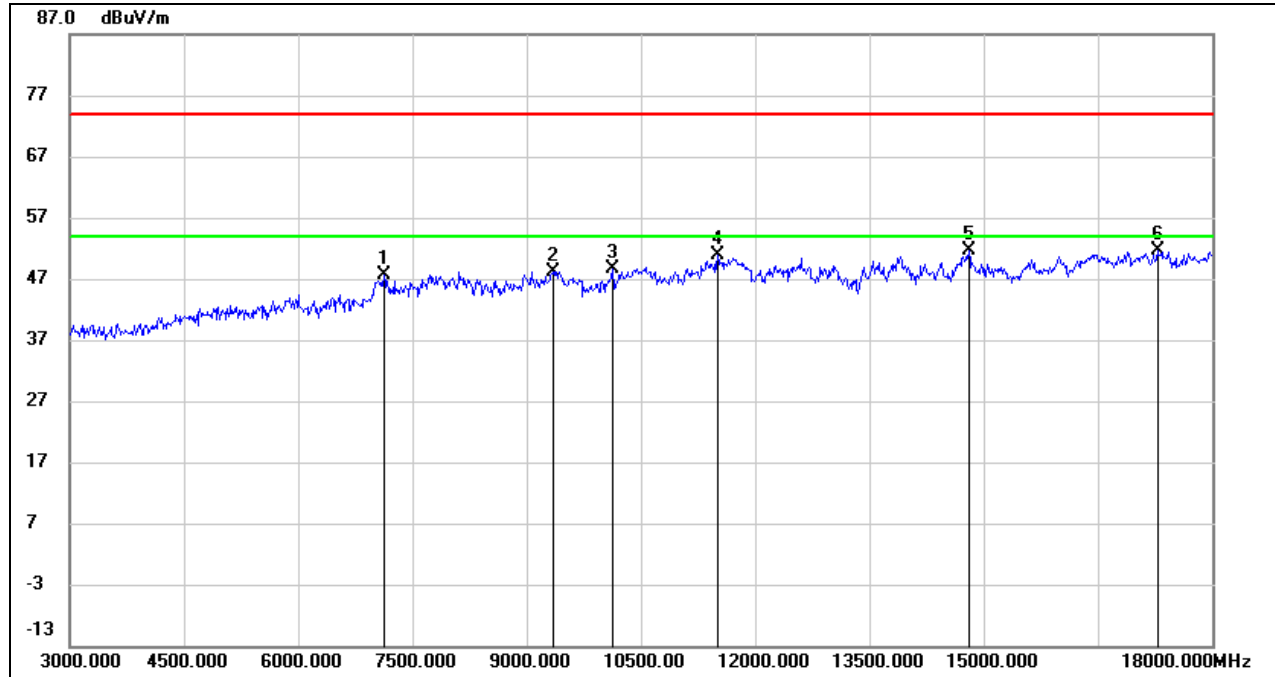
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 7125.000 | 40.10 | 7.58 | 47.68 | 74.00 | -26.32 | peak |
| 2 | 9345.000 | 37.56 | 10.66 | 48.22 | 74.00 | -25.78 | peak |
| 3 | 10125.000 | 37.34 | 11.19 | 48.53 | 74.00 | -25.47 | peak |
| 4 | 11505.000 | 36.16 | 14.66 | 50.82 | 74.00 | -23.18 | peak |
| 5 | 14805.000 | 33.71 | 18.00 | 51.71 | 74.00 | -22.29 | peak |
| 6 | 17280.000 | 29.15 | 22.48 | 51.63 | 74.00 | -22.37 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

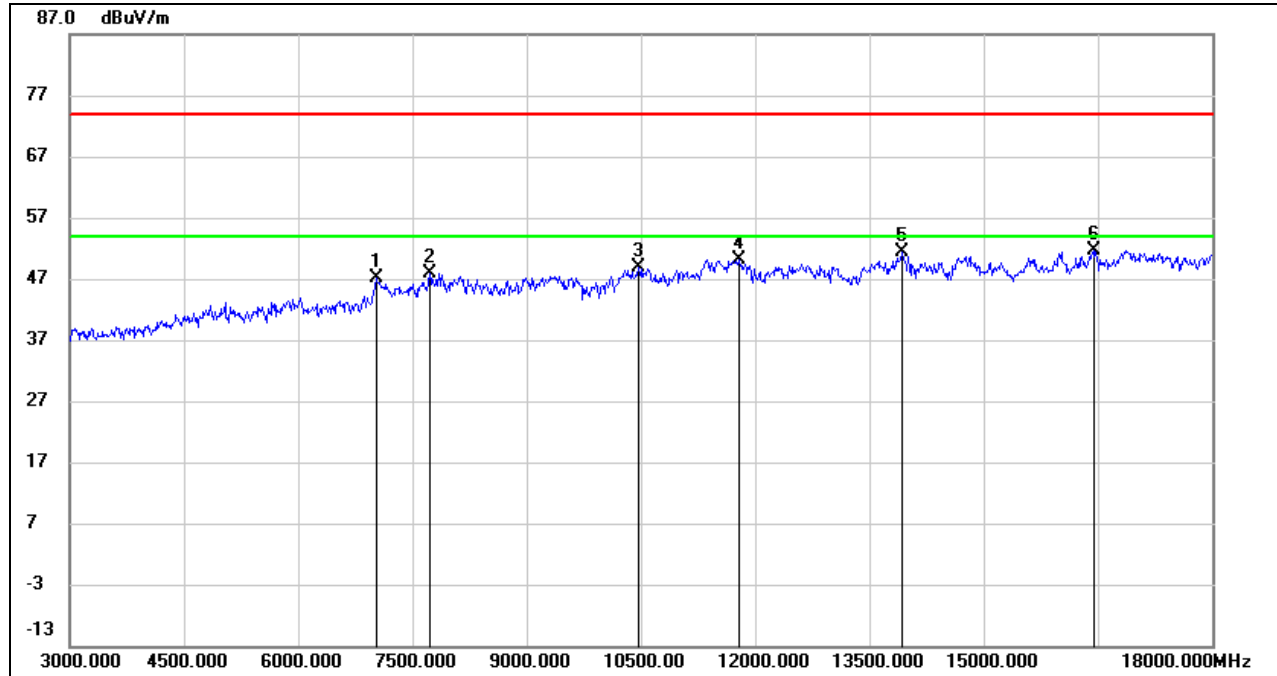
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

Note: All the modes and channels had been tested, but only the worst data was recorded in the report.

8.3.7. 2.4G SRD 40MHz MODE

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 7020.000 | 39.49 | 7.61 | 47.10 | 74.00 | -26.90 | peak |
| 2 | 7725.000 | 39.17 | 8.67 | 47.84 | 74.00 | -26.16 | peak |
| 3 | 10470.000 | 36.59 | 12.32 | 48.91 | 74.00 | -25.09 | peak |
| 4 | 11790.000 | 34.86 | 15.26 | 50.12 | 74.00 | -23.88 | peak |
| 5 | 13920.000 | 33.92 | 17.55 | 51.47 | 74.00 | -22.53 | peak |
| 6 | 16455.000 | 32.04 | 19.68 | 51.72 | 74.00 | -22.28 | peak |

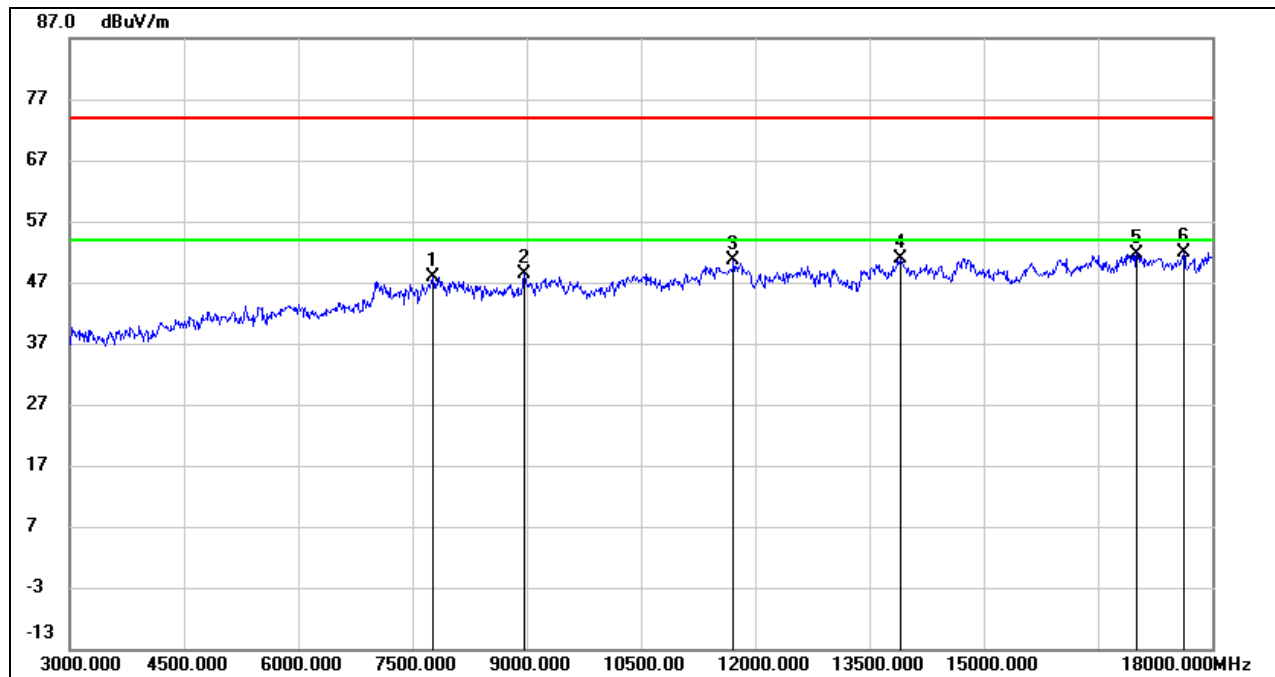
Note: 1. Peak Result = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

**HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)**

| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 7770.000 | 38.85 | 9.09 | 47.94 | 74.00 | -26.06 | peak |
| 2 | 8970.000 | 37.66 | 10.70 | 48.36 | 74.00 | -25.64 | peak |
| 3 | 11715.000 | 35.21 | 15.34 | 50.55 | 74.00 | -23.45 | peak |
| 4 | 13905.000 | 33.41 | 17.54 | 50.95 | 74.00 | -23.05 | peak |
| 5 | 17010.000 | 30.44 | 21.31 | 51.75 | 74.00 | -22.25 | peak |
| 6 | 17625.000 | 28.86 | 22.92 | 51.78 | 74.00 | -22.22 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

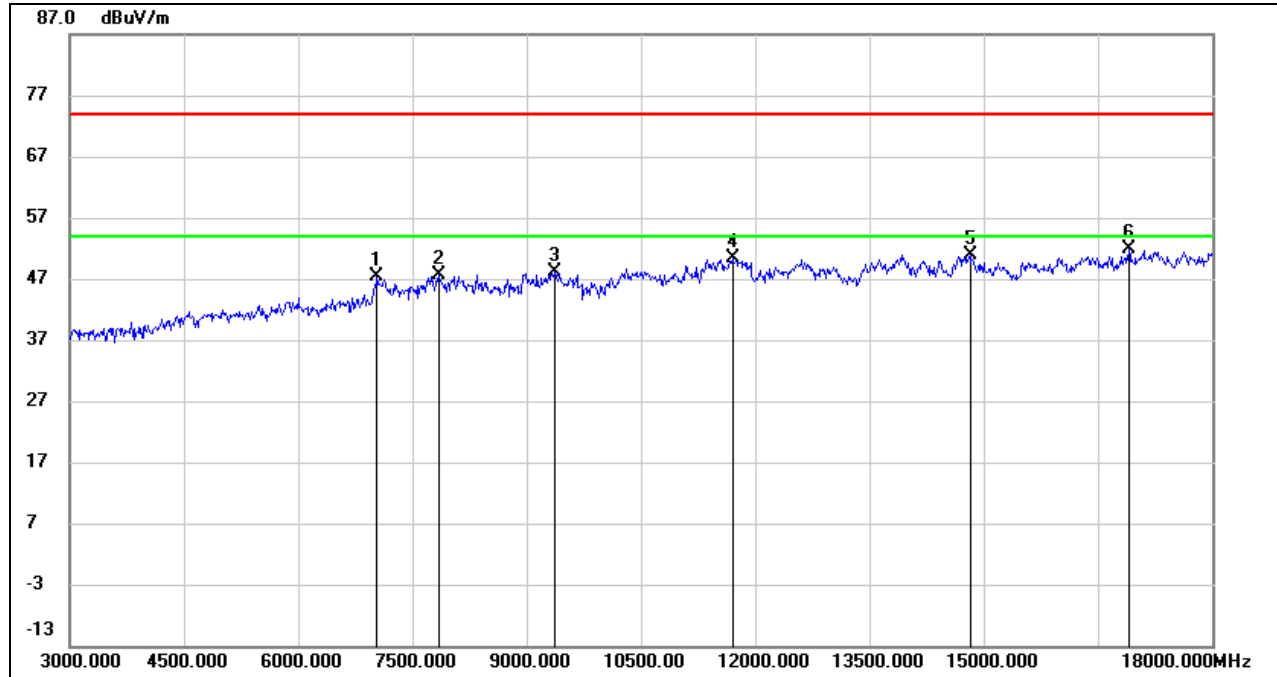
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 7035.000 | 39.76 | 7.62 | 47.38 | 74.00 | -26.62 | peak |
| 2 | 7845.000 | 38.40 | 9.14 | 47.54 | 74.00 | -26.46 | peak |
| 3 | 9375.000 | 37.37 | 10.83 | 48.20 | 74.00 | -25.80 | peak |
| 4 | 11700.000 | 35.08 | 15.35 | 50.43 | 74.00 | -23.57 | peak |
| 5 | 14820.000 | 33.00 | 17.91 | 50.91 | 74.00 | -23.09 | peak |
| 6 | 16905.000 | 30.43 | 21.55 | 51.98 | 74.00 | -22.02 | peak |

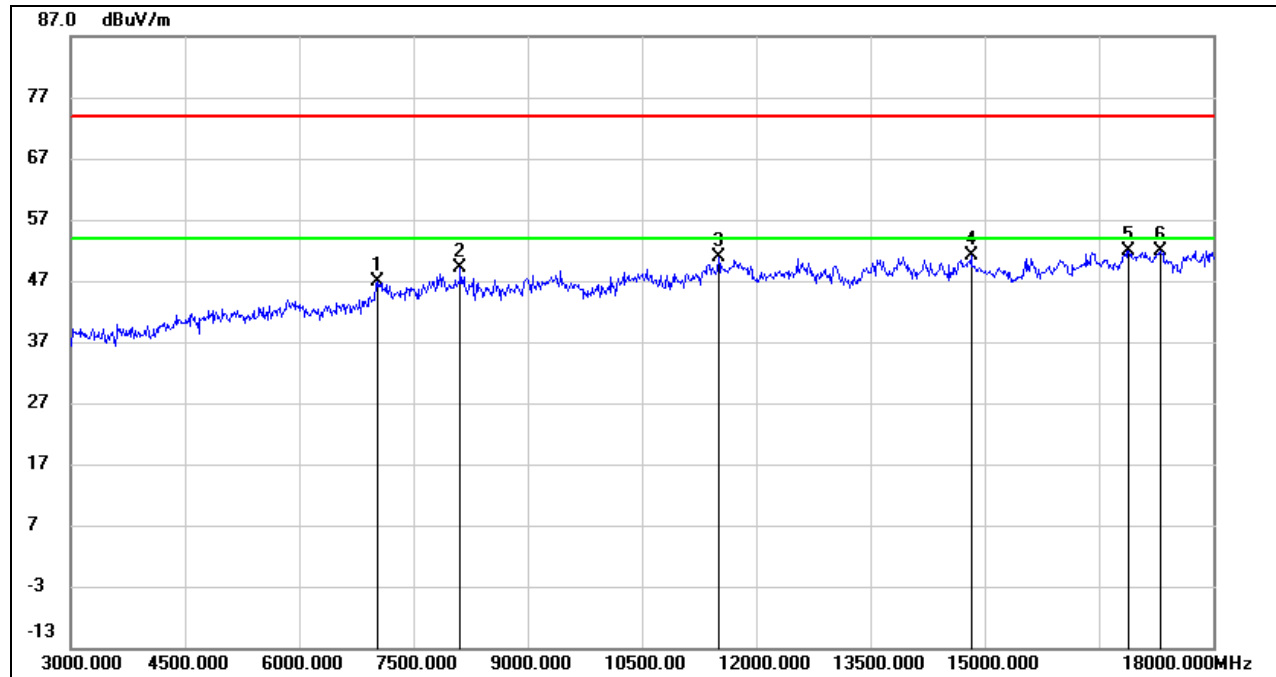
Note: 1. Peak Result = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

**HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)**

| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 7035.000 | 39.36 | 7.62 | 46.98 | 74.00 | -27.02 | peak |
| 2 | 8115.000 | 38.89 | 10.13 | 49.02 | 74.00 | -24.98 | peak |
| 3 | 11505.000 | 36.14 | 14.66 | 50.80 | 74.00 | -23.20 | peak |
| 4 | 14820.000 | 33.14 | 17.91 | 51.05 | 74.00 | -22.95 | peak |
| 5 | 16890.000 | 30.30 | 21.49 | 51.79 | 74.00 | -22.21 | peak |
| 6 | 17310.000 | 29.27 | 22.54 | 51.81 | 74.00 | -22.19 | peak |

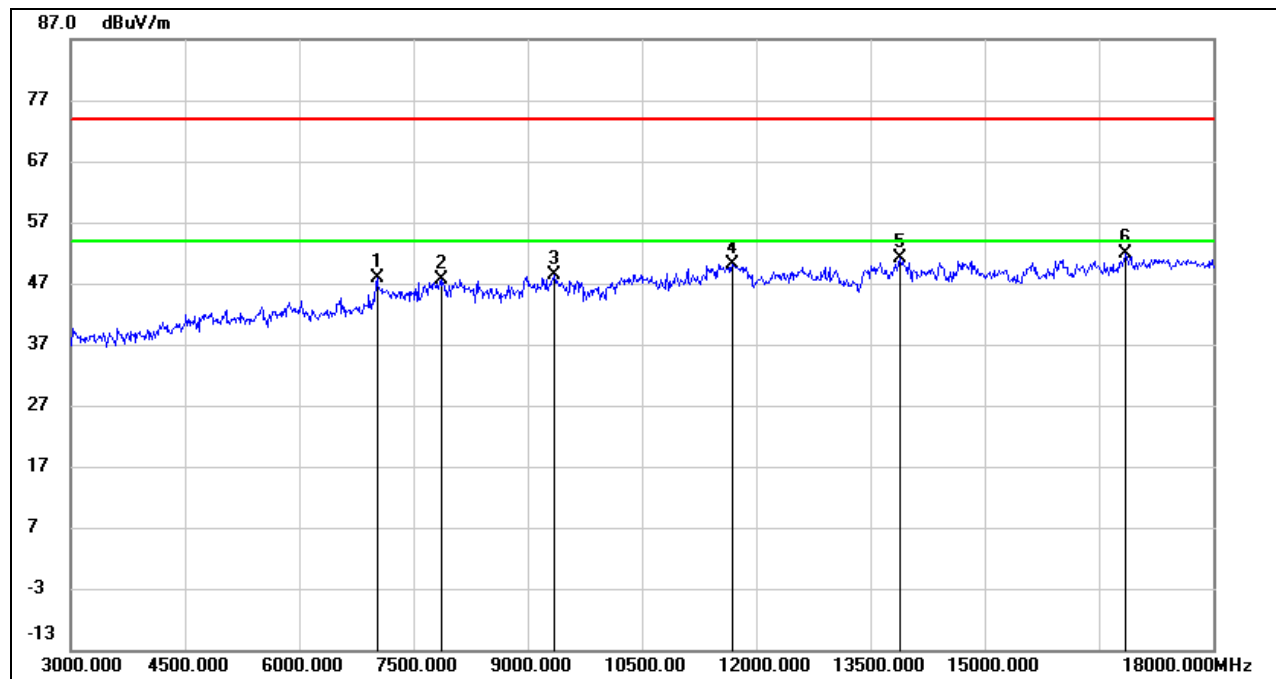
Note: 1. Peak Result = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

**HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)**

| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 7020.000 | 40.27 | 7.61 | 47.88 | 74.00 | -26.12 | peak |
| 2 | 7875.000 | 38.71 | 8.98 | 47.69 | 74.00 | -26.31 | peak |
| 3 | 9345.000 | 37.82 | 10.66 | 48.48 | 74.00 | -25.52 | peak |
| 4 | 11685.000 | 34.84 | 15.26 | 50.10 | 74.00 | -23.90 | peak |
| 5 | 13890.000 | 33.71 | 17.53 | 51.24 | 74.00 | -22.76 | peak |
| 6 | 16845.000 | 30.73 | 21.10 | 51.83 | 74.00 | -22.17 | peak |

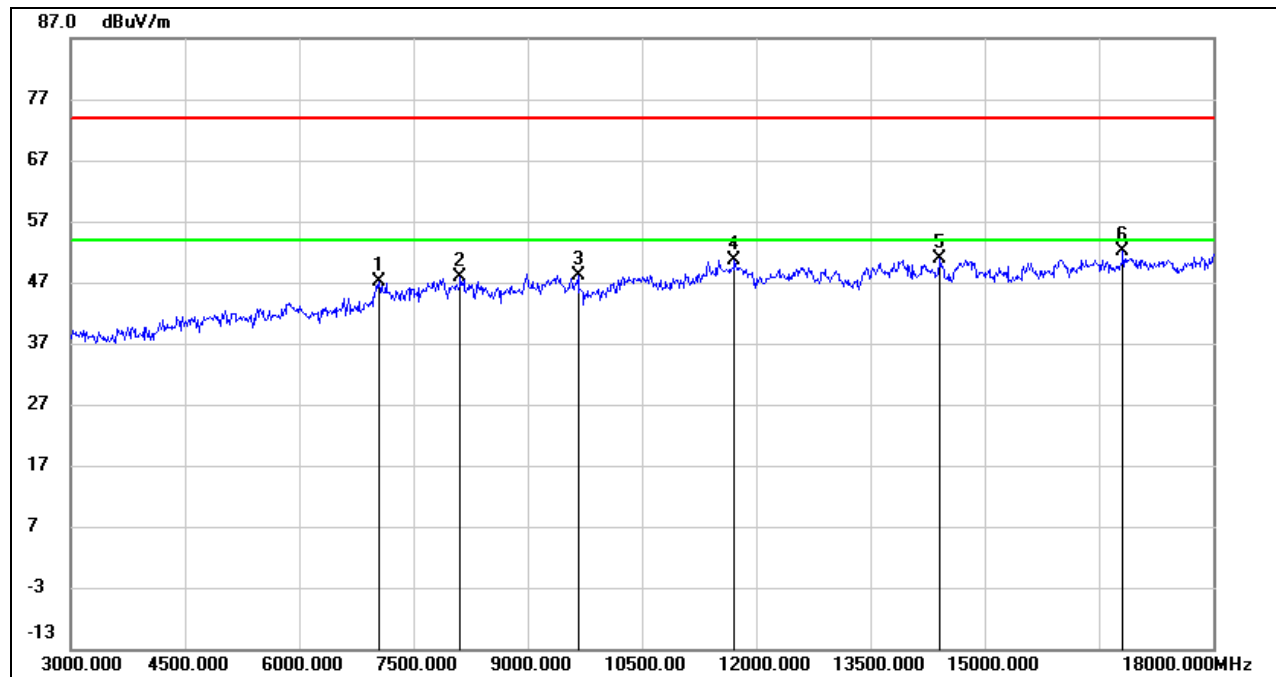
Note: 1. Peak Result = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

**HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)**

| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 7050.000 | 39.51 | 7.63 | 47.14 | 74.00 | -26.86 | peak |
| 2 | 8115.000 | 37.65 | 10.13 | 47.78 | 74.00 | -26.22 | peak |
| 3 | 9660.000 | 37.48 | 10.74 | 48.22 | 74.00 | -25.78 | peak |
| 4 | 11715.000 | 35.30 | 15.34 | 50.64 | 74.00 | -23.36 | peak |
| 5 | 14415.000 | 33.44 | 17.36 | 50.80 | 74.00 | -23.20 | peak |
| 6 | 16815.000 | 31.21 | 20.84 | 52.05 | 74.00 | -21.95 | peak |

Note: 1. Peak Result = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

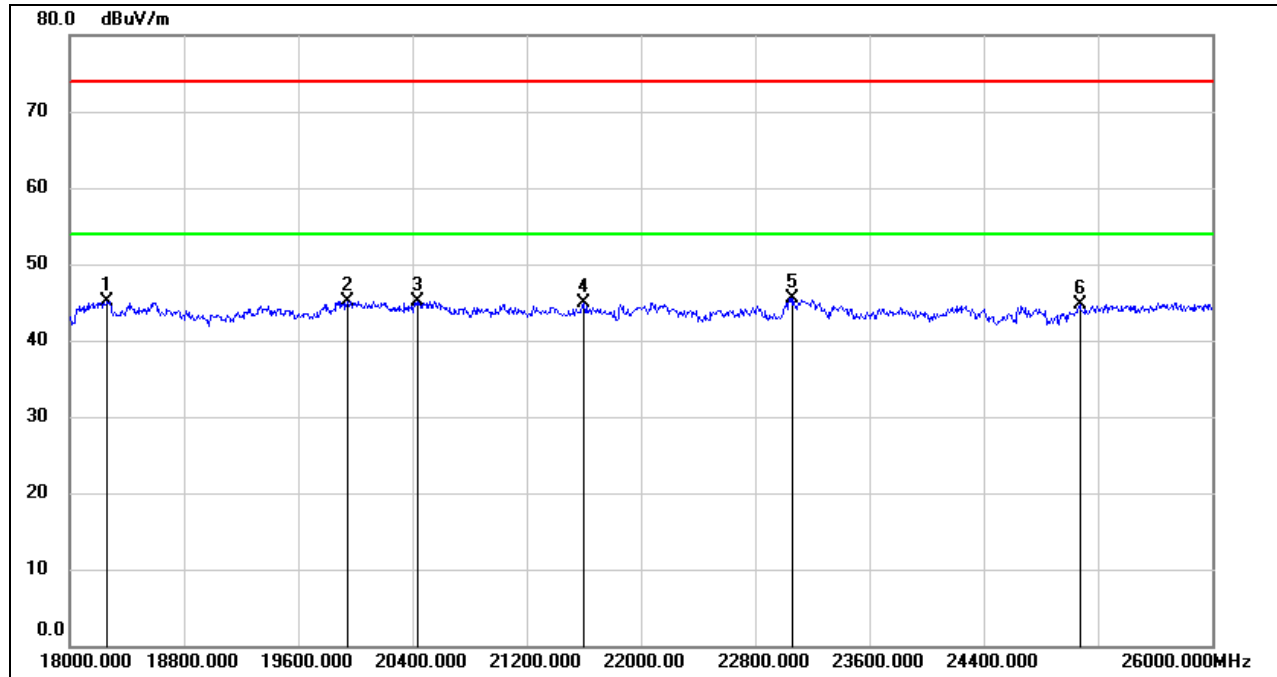
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

Note: All the modes and channels had been tested, but only the worst data was recorded in the report.

8.5. SPURIOUS EMISSIONS (18 GHz ~ 26 GHz)

8.5.1. 2.4G SRD 1.4MHz MODE

SPURIOUS EMISSIONS (LOW CHANNEL, WORST-CASE CONFIGURATION, HORIZONTAL)



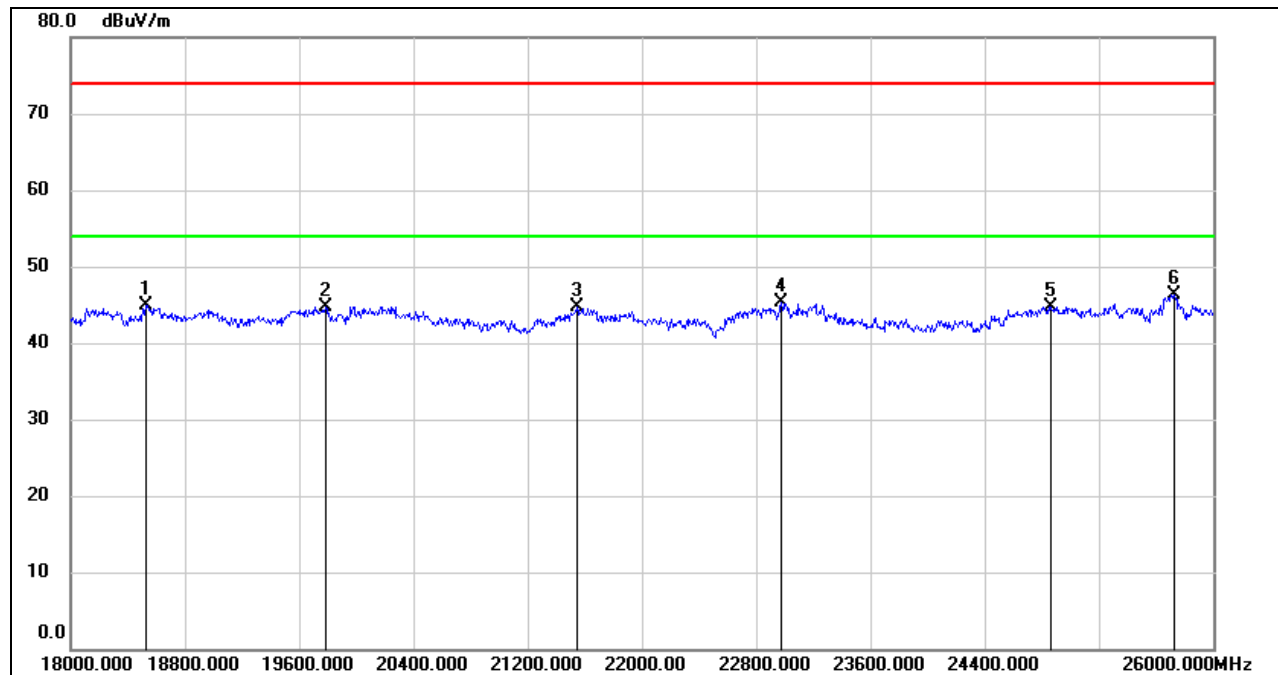
| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 18264.000 | 50.65 | -5.53 | 45.12 | 74.00 | -28.88 | peak |
| 2 | 19944.000 | 50.59 | -5.41 | 45.18 | 74.00 | -28.82 | peak |
| 3 | 20432.000 | 50.49 | -5.42 | 45.07 | 74.00 | -28.93 | peak |
| 4 | 21600.000 | 49.52 | -4.54 | 44.98 | 74.00 | -29.02 | peak |
| 5 | 23064.000 | 48.99 | -3.42 | 45.57 | 74.00 | -28.43 | peak |
| 6 | 25072.000 | 46.67 | -1.97 | 44.70 | 74.00 | -29.30 | peak |

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

SPURIOUS EMISSIONS (LOW CHANNEL, WORST-CASE CONFIGURATION, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 18528.000 | 50.11 | -5.26 | 44.85 | 74.00 | -29.15 | peak |
| 2 | 19784.000 | 50.07 | -5.28 | 44.79 | 74.00 | -29.21 | peak |
| 3 | 21544.000 | 49.26 | -4.63 | 44.63 | 74.00 | -29.37 | peak |
| 4 | 22976.000 | 48.76 | -3.46 | 45.30 | 74.00 | -28.70 | peak |
| 5 | 24864.000 | 47.03 | -2.23 | 44.80 | 74.00 | -29.20 | peak |
| 6 | 25728.000 | 47.11 | -0.72 | 46.39 | 74.00 | -27.61 | peak |

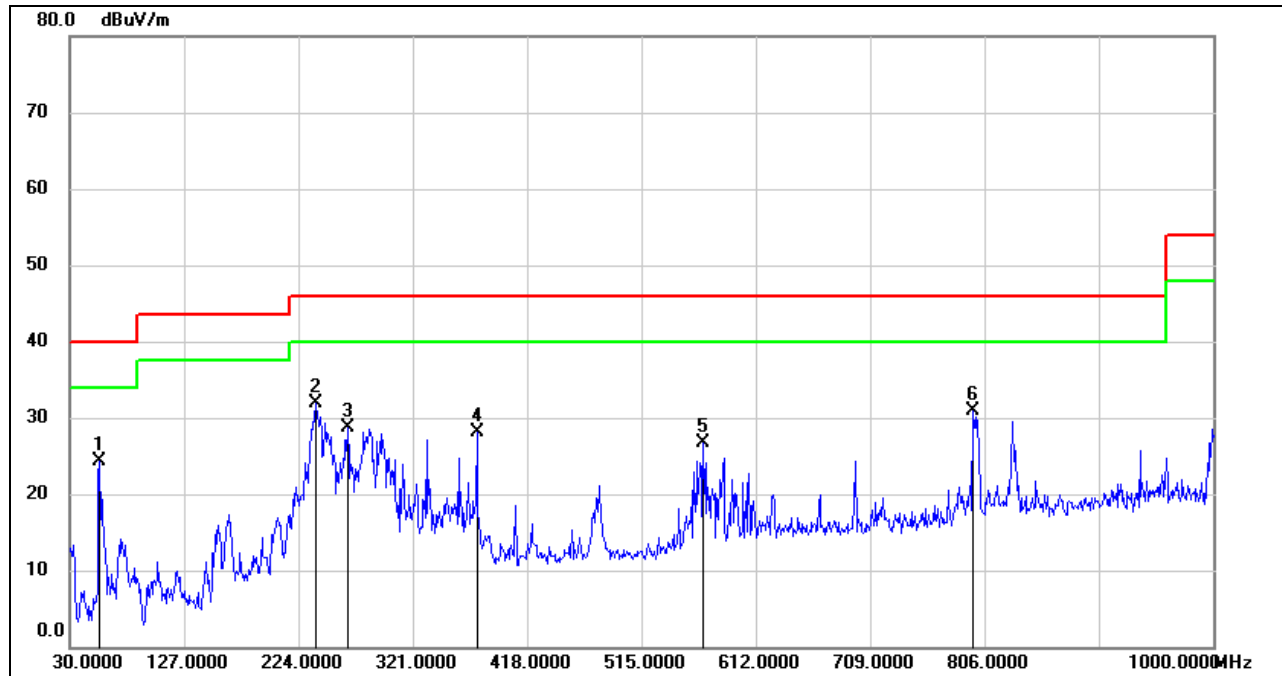
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.

Note: All the modes and channels had been tested, but only the worst data was recorded in the report.

8.6. SPURIOUS EMISSIONS (30 MHz ~ 1 GHz)

8.6.1. 2.4G SRD 1.4MHz MODE

SPURIOUS EMISSIONS (LOW CHANNEL, WORST-CASE CONFIGURATION, HORIZONTAL)



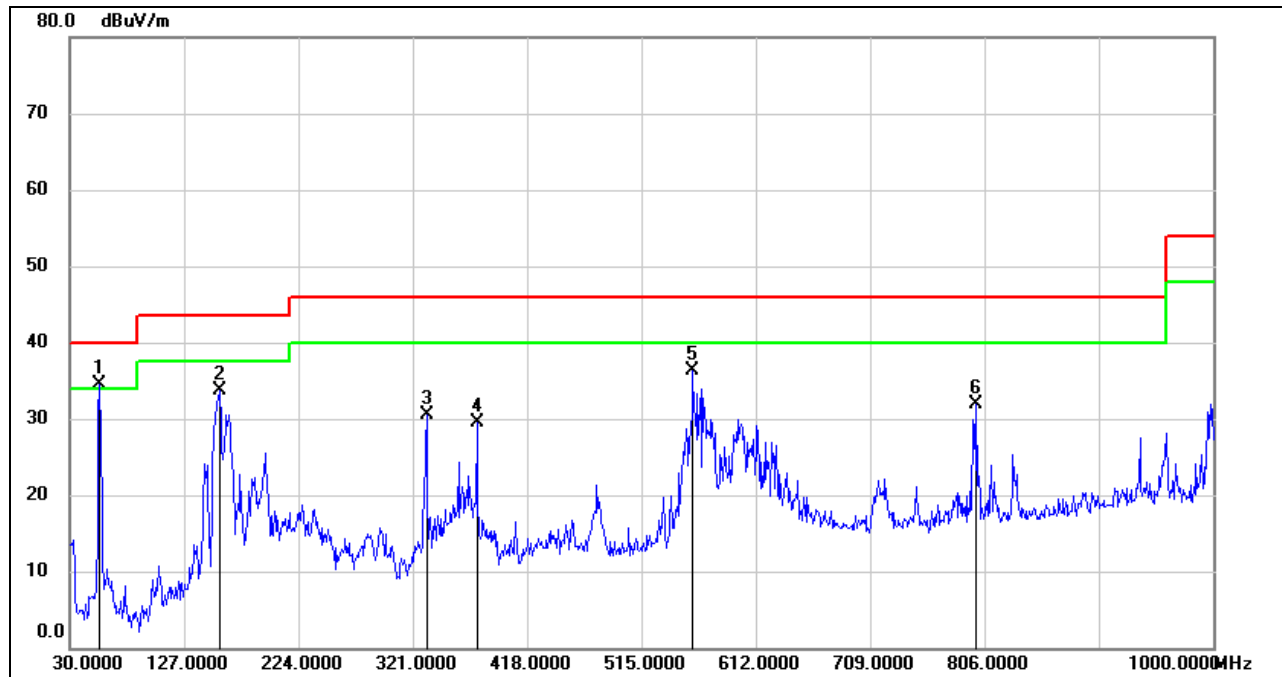
| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1 | 55.2200 | 44.86 | -20.63 | 24.23 | 40.00 | -15.77 | QP |
| 2 | 238.5500 | 50.94 | -19.10 | 31.84 | 46.00 | -14.16 | QP |
| 3 | 265.7100 | 46.79 | -18.09 | 28.70 | 46.00 | -17.30 | QP |
| 4 | 375.3200 | 41.92 | -13.79 | 28.13 | 46.00 | -17.87 | QP |
| 5 | 567.3800 | 36.83 | -10.13 | 26.70 | 46.00 | -19.30 | QP |
| 6 | 796.3000 | 38.20 | -7.35 | 30.85 | 46.00 | -15.15 | QP |

Note: 1. Result Level = Read Level + Correct Factor.

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

SPURIOUS EMISSIONS (LOW CHANNEL, WORST-CASE CONFIGURATION, VERTICAL)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|--------|
| 1 | 55.2200 | 55.10 | -20.63 | 34.47 | 40.00 | -5.53 | QP |
| 2 | 157.0700 | 51.55 | -17.92 | 33.63 | 43.50 | -9.87 | QP |
| 3 | 332.6400 | 45.19 | -14.62 | 30.57 | 46.00 | -15.43 | QP |
| 4 | 375.3200 | 43.37 | -13.79 | 29.58 | 46.00 | -16.42 | QP |
| 5 | 558.6500 | 46.61 | -10.34 | 36.27 | 46.00 | -9.73 | QP |
| 6 | 799.2100 | 39.15 | -7.33 | 31.82 | 46.00 | -14.18 | QP |

Note: 1. Result Level = Read Level + Correct Factor.

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto

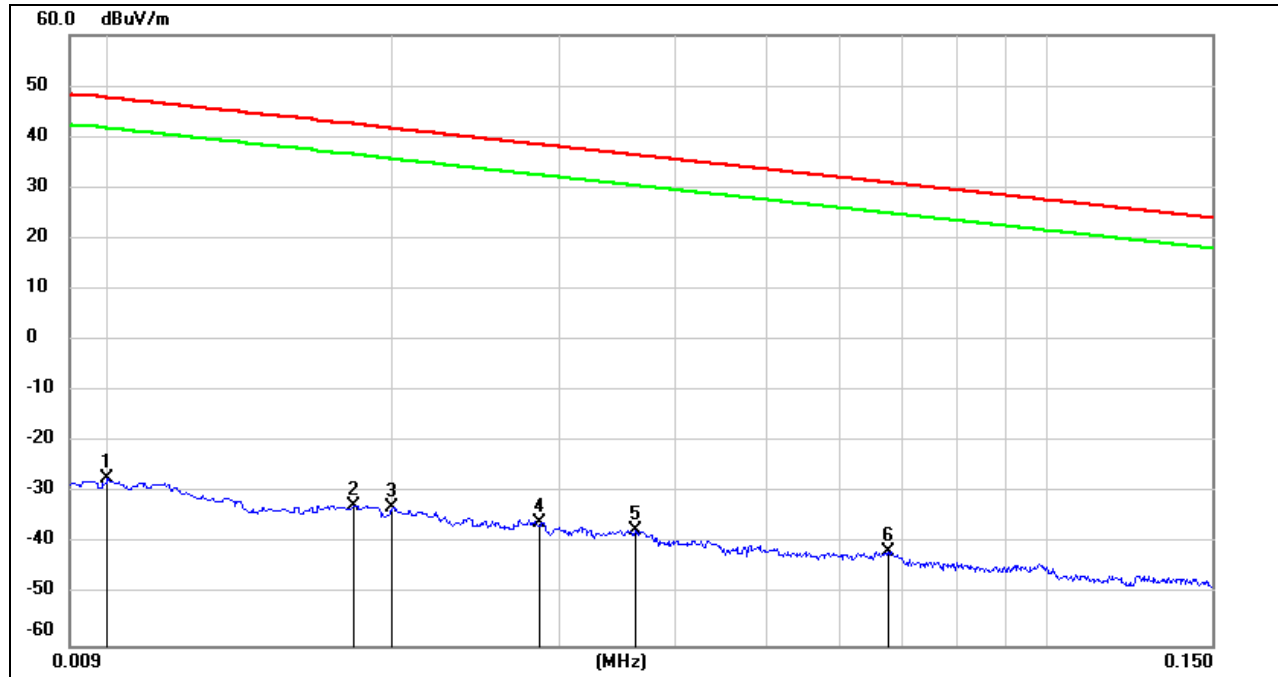
Note: All the modes and channels had been tested, but only the worst data was recorded in the report.

8.7. SPURIOUS EMISSIONS BELOW 30 MHz

8.7.1. 2.4G SRD 1.4MHz MODE

SPURIOUS EMISSIONS (LOW CHANNEL, LOOP ANTENNA FACE ON TO THE EUT, WORST-CASE CONFIGURATION)

9 kHz~ 150 kHz

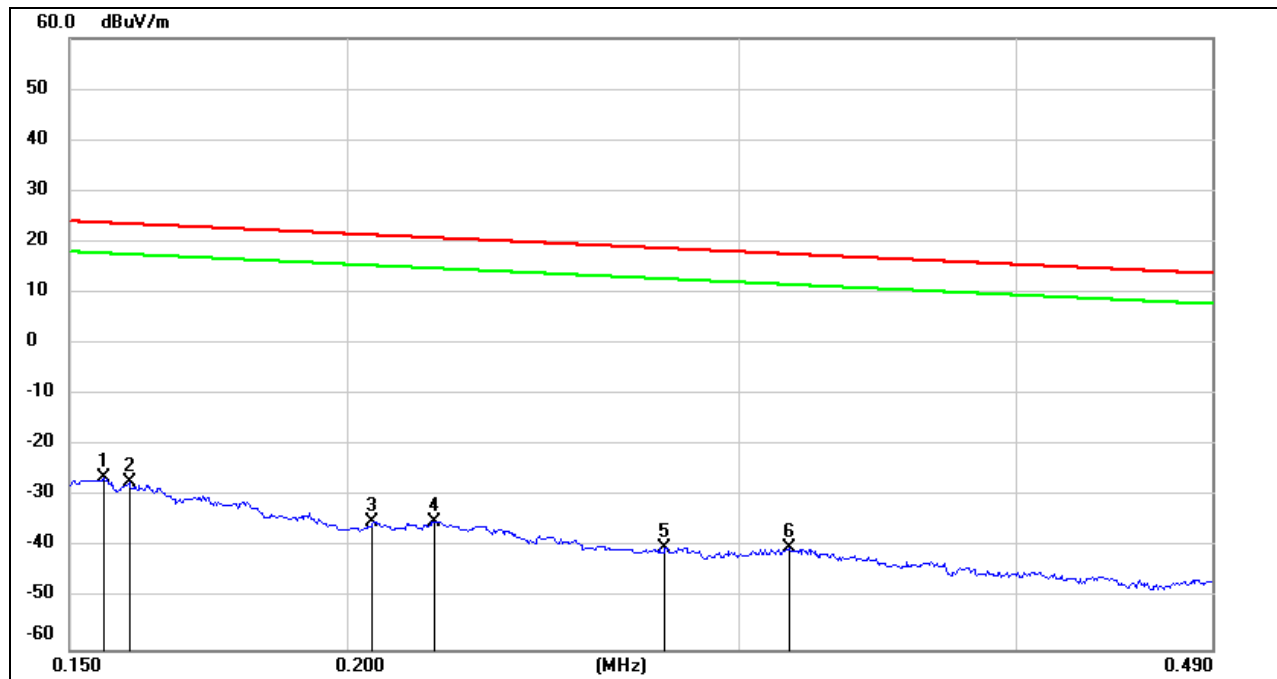


| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | FCC Result (dBuV/m) | FCC Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|----------------|----------------|---------------------|--------------------|-------------|--------|
| 1 | 0.0100 | 74.22 | -101.40 | -27.18 | 47.6 | -74.78 | peak |
| 2 | 0.0181 | 68.85 | -101.36 | -32.51 | 42.45 | -74.96 | peak |
| 3 | 0.0200 | 68.36 | -101.34 | -32.98 | 41.58 | -74.56 | peak |
| 4 | 0.0286 | 65.46 | -101.38 | -35.92 | 38.47 | -74.39 | peak |
| 5 | 0.0362 | 64.01 | -101.42 | -37.41 | 36.43 | -73.84 | peak |
| 6 | 0.0675 | 60.14 | -101.56 | -41.42 | 31.02 | -72.44 | peak |

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.

3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

150 kHz ~ 490 kHz

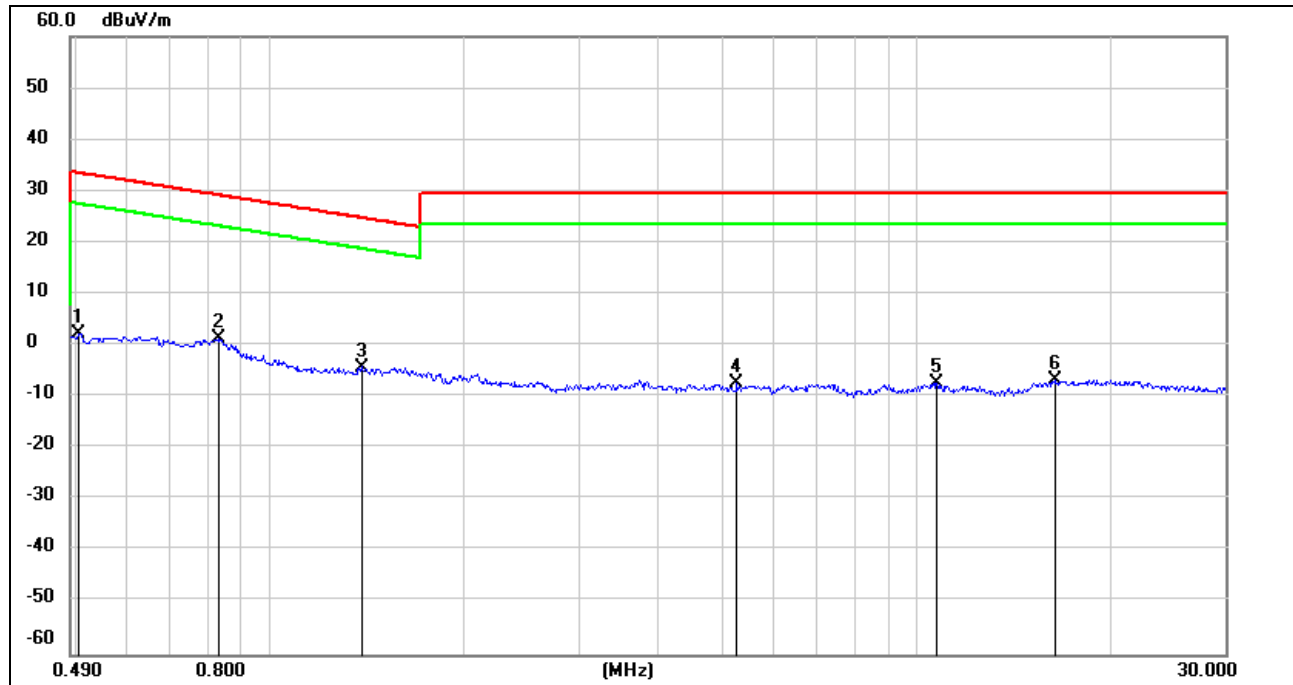
| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | FCC Result (dBuV/m) | FCC Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|------------------------|-----------------------|----------------|--------|
| 1 | 0.1554 | 75.27 | -101.65 | -26.38 | 23.77 | -50.15 | peak |
| 2 | 0.1595 | 74.36 | -101.65 | -27.29 | 23.55 | -50.84 | peak |
| 3 | 0.2053 | 66.79 | -101.73 | -34.94 | 21.35 | -56.29 | peak |
| 4 | 0.2190 | 66.77 | -101.75 | -34.98 | 20.79 | -55.77 | peak |
| 5 | 0.2782 | 61.79 | -101.83 | -40.04 | 18.71 | -58.75 | peak |
| 6 | 0.3163 | 61.70 | -101.87 | -40.17 | 17.6 | -57.77 | peak |

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.

3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

490 kHz ~ 30 MHz



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | FCC Result (dBuV/m) | FCC Limit (dBuV/m) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-------------------|------------------------|-----------------------|----------------|--------|
| 1 | 0.5039 | 64.44 | -62.07 | 2.37 | 33.56 | -31.19 | peak |
| 2 | 0.8296 | 63.44 | -62.17 | 1.27 | 29.23 | -27.96 | peak |
| 3 | 1.3870 | 57.82 | -62.09 | -4.27 | 24.76 | -29.03 | peak |
| 4 | 5.2705 | 54.04 | -61.45 | -7.41 | 29.54 | -36.95 | peak |
| 5 | 10.7299 | 53.48 | -60.83 | -7.35 | 29.54 | -36.89 | peak |
| 6 | 16.3959 | 54.17 | -60.96 | -6.79 | 29.54 | -36.33 | peak |

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.

3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

Note: All the modes and channels had been tested, but only the worst data was recorded in the report.

9. AC POWER LINE CONDUCTED EMISSIONS

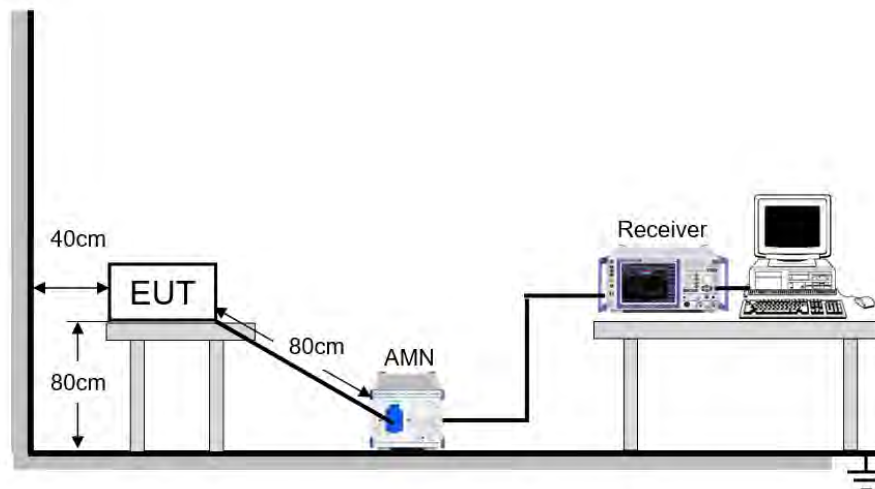
LIMITS

Please refer to CFR 47 FCC §15.207 (a)

| FREQUENCY (MHz) | Quasi-peak | Average |
|-----------------|------------|-----------|
| 0.15 -0.5 | 66 - 56 * | 56 - 46 * |
| 0.50 -5.0 | 56.00 | 46.00 |
| 5.0 -30.0 | 60.00 | 50.00 |

TEST SETUP AND PROCEDURE

Refer to ANSI C63.10-2013 clause 6.2.



The EUT is put on a table of non-conducting material that is 80 cm high. The vertical conducting wall of shielding is located 40 cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2013. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9 kHz.

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

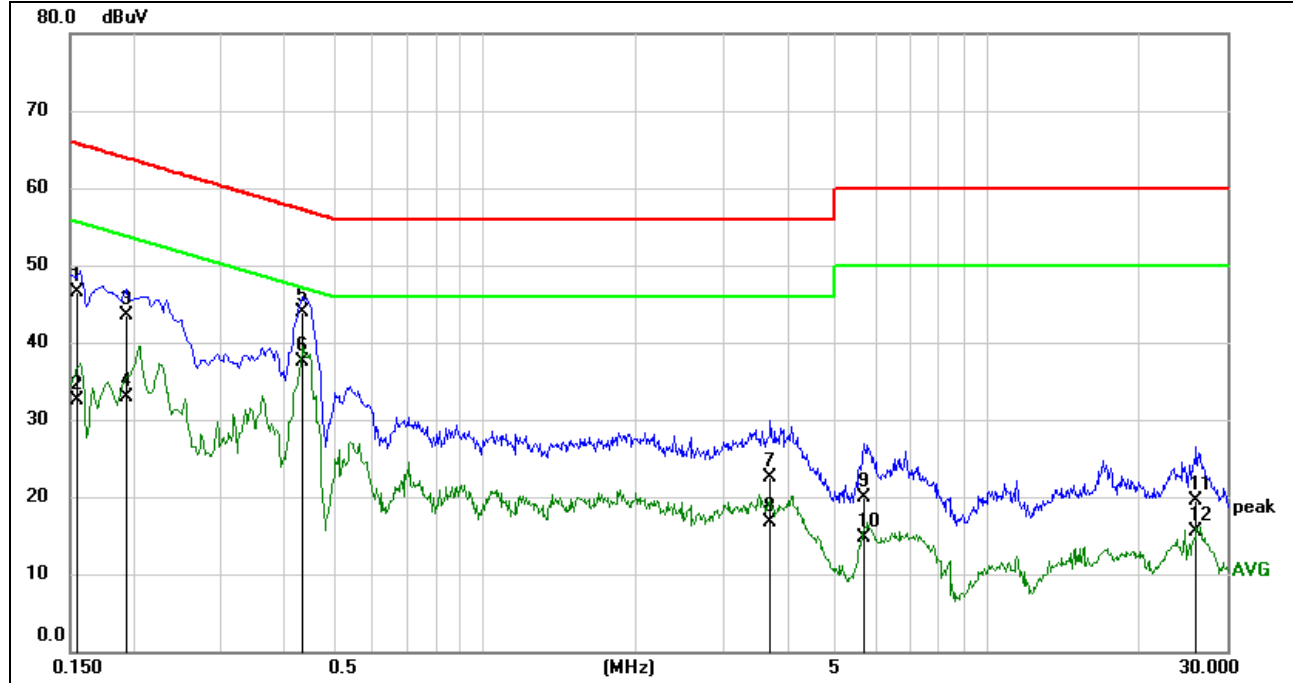
TEST ENVIRONMENT

| | | | |
|---------------------|---------|-------------------|------------------|
| Temperature | 24.3°C | Relative Humidity | 64.4 % |
| Atmosphere Pressure | 101 kPa | Test Voltage | AC 120 V / 60 Hz |

RESULTS

9.1. 2.4G SRD 1.4MHz MODE

LINE N RESULTS (LOW CHANNEL, WORST-CASE CONFIGURATION)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-----------------|------------------|-----------------|----------------|--------|
| 1 | 0.1544 | 36.93 | 9.59 | 46.52 | 65.76 | -19.24 | QP |
| 2 | 0.1544 | 22.94 | 9.59 | 32.53 | 55.76 | -23.23 | AVG |
| 3 | 0.1944 | 33.98 | 9.59 | 43.57 | 63.85 | -20.28 | QP |
| 4 | 0.1944 | 23.41 | 9.59 | 33.00 | 53.85 | -20.85 | AVG |
| 5 | 0.4375 | 34.40 | 9.60 | 44.00 | 57.11 | -13.11 | QP |
| 6 | 0.4375 | 27.95 | 9.60 | 37.55 | 47.11 | -9.56 | AVG |
| 7 | 3.6796 | 12.97 | 9.61 | 22.58 | 56.00 | -33.42 | QP |
| 8 | 3.6796 | 7.15 | 9.61 | 16.76 | 46.00 | -29.24 | AVG |
| 9 | 5.7361 | 10.20 | 9.63 | 19.83 | 60.00 | -40.17 | QP |
| 10 | 5.7361 | 5.04 | 9.63 | 14.67 | 50.00 | -35.33 | AVG |
| 11 | 26.0276 | 9.67 | 9.75 | 19.42 | 60.00 | -40.58 | QP |
| 12 | 26.0276 | 5.66 | 9.75 | 15.41 | 50.00 | -34.59 | AVG |

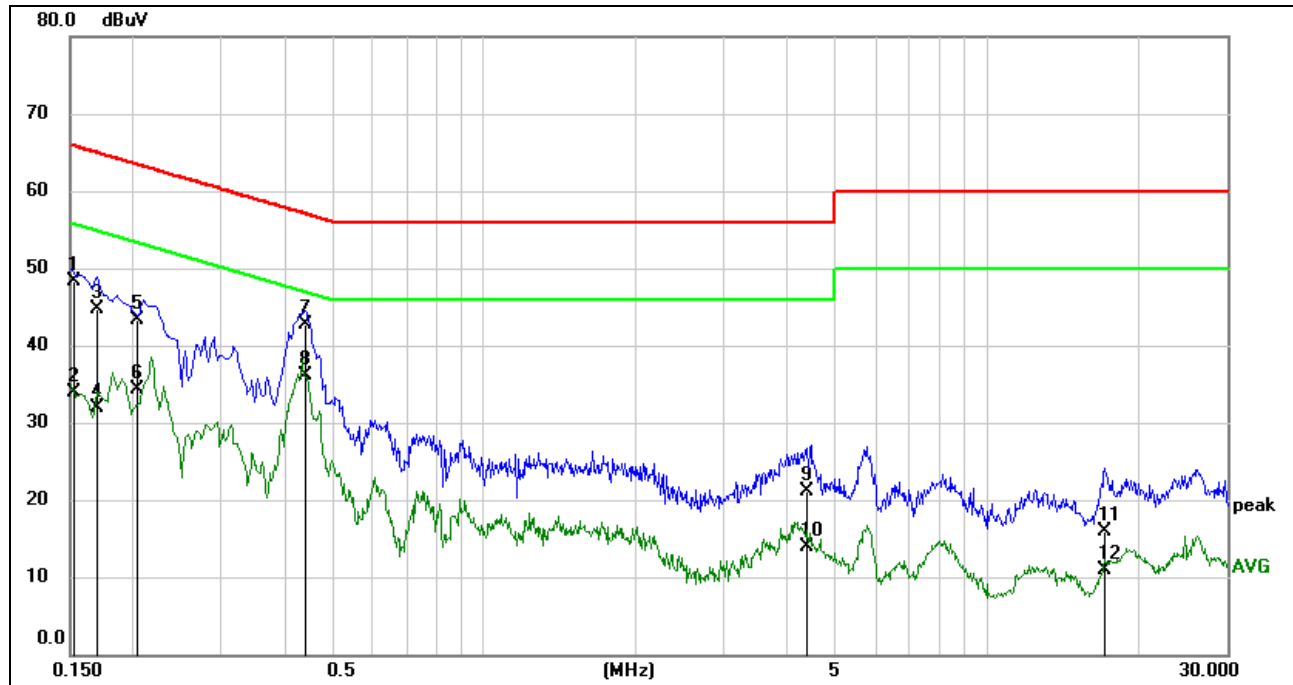
Note: 1. Result = Reading +Correct Factor.

2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).

4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

LINE L RESULTS (LOW CHANNEL, WORST-CASE CONFIGURATION)



| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Remark |
|-----|--------------------|-------------------|-----------------|------------------|-----------------|----------------|--------|
| 1 | 0.1525 | 38.80 | 9.59 | 48.39 | 65.86 | -17.47 | QP |
| 2 | 0.1525 | 24.28 | 9.59 | 33.87 | 55.86 | -21.99 | AVG |
| 3 | 0.1694 | 35.20 | 9.59 | 44.79 | 64.99 | -20.20 | QP |
| 4 | 0.1694 | 22.32 | 9.59 | 31.91 | 54.99 | -23.08 | AVG |
| 5 | 0.2057 | 33.75 | 9.59 | 43.34 | 63.38 | -20.04 | QP |
| 6 | 0.2057 | 24.68 | 9.59 | 34.27 | 53.38 | -19.11 | AVG |
| 7 | 0.4412 | 33.08 | 9.60 | 42.68 | 57.04 | -14.36 | QP |
| 8 | 0.4412 | 26.50 | 9.60 | 36.10 | 47.04 | -10.94 | AVG |
| 9 | 4.3835 | 11.41 | 9.60 | 21.01 | 56.00 | -34.99 | QP |
| 10 | 4.3835 | 4.35 | 9.60 | 13.95 | 46.00 | -32.05 | AVG |
| 11 | 17.1848 | 6.18 | 9.72 | 15.90 | 60.00 | -44.10 | QP |
| 12 | 17.1848 | 1.10 | 9.72 | 10.82 | 50.00 | -39.18 | AVG |

Note: 1. Result = Reading +Correct Factor.

2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).

4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Note: All the modes and channels had been tested, but only the worst data was recorded in the report.



10. ANTENNA REQUIREMENTS

APPLICABLE REQUIREMENTS

Please refer to FCC §1 5.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC §15.247(b)(4)

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

RESULTS

Complies



11. Appendix

11.1. Appendix A: DTS Bandwidth

11.1.1. Test Result

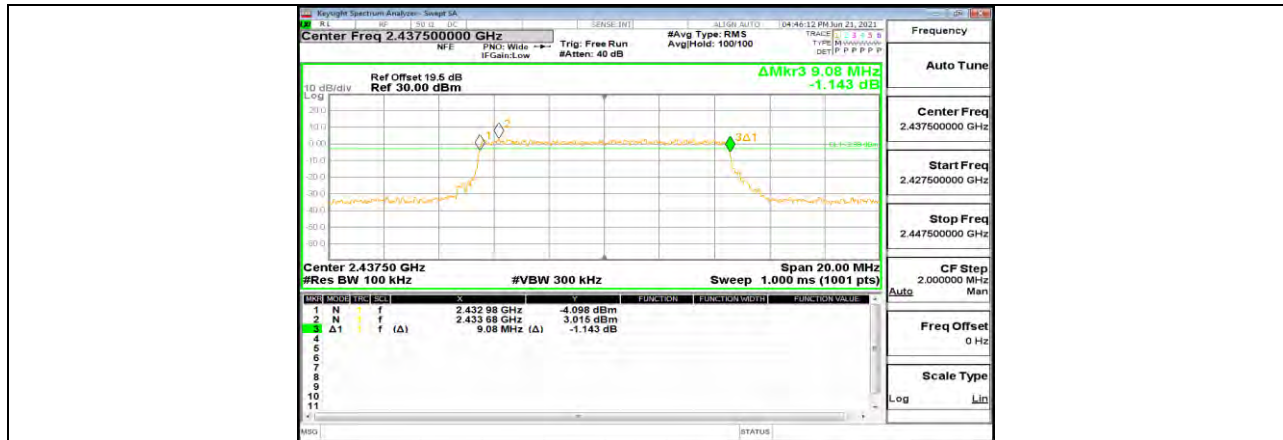
| Test Mode | Antenna | Channel | DTS BW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|-----------|---------|---------|--------------|----------|----------|------------|---------|
| 10M | Ant0 | 2407.5 | 9.040 | 2403.000 | 2412.040 | 0.5 | PASS |
| | Ant1 | 2407.5 | 9.040 | 2403.000 | 2412.040 | 0.5 | PASS |
| | Ant0 | 2437.5 | 9.000 | 2433.040 | 2442.040 | 0.5 | PASS |
| | Ant1 | 2437.5 | 9.080 | 2432.980 | 2442.060 | 0.5 | PASS |
| | Ant0 | 2467.5 | 9.060 | 2463.000 | 2472.060 | 0.5 | PASS |
| | Ant1 | 2467.5 | 9.060 | 2463.000 | 2472.060 | 0.5 | PASS |
| 20M | Ant0 | 2412.5 | 18.080 | 2403.500 | 2421.580 | 0.5 | PASS |
| | Ant1 | 2412.5 | 18.040 | 2403.500 | 2421.540 | 0.5 | PASS |
| | Ant0 | 2437.5 | 18.040 | 2428.540 | 2446.580 | 0.5 | PASS |
| | Ant1 | 2437.5 | 17.960 | 2428.580 | 2446.540 | 0.5 | PASS |
| | Ant0 | 2462.5 | 17.920 | 2453.500 | 2471.420 | 0.5 | PASS |
| | Ant1 | 2462.5 | 17.960 | 2453.540 | 2471.500 | 0.5 | PASS |
| 40M | Ant0 | 2422.5 | 36.160 | 2404.500 | 2440.660 | 0.5 | PASS |
| | Ant1 | 2422.5 | 36.080 | 2404.500 | 2440.580 | 0.5 | PASS |
| | Ant0 | 2437.5 | 35.920 | 2419.660 | 2455.580 | 0.5 | PASS |
| | Ant1 | 2437.5 | 36.080 | 2419.500 | 2455.580 | 0.5 | PASS |
| | Ant0 | 2452.5 | 35.280 | 2434.500 | 2469.780 | 0.5 | PASS |
| | Ant1 | 2452.5 | 35.280 | 2434.420 | 2469.700 | 0.5 | PASS |
| 1.4M | Ant0 | 2403.5 | 1.131 | 2402.932 | 2404.063 | 0.5 | PASS |
| | Ant0 | 2435.5 | 1.134 | 2434.931 | 2436.065 | 0.5 | PASS |
| | Ant0 | 2469.5 | 1.134 | 2468.935 | 2470.069 | 0.5 | PASS |
| 1.4M CA | Ant0 | 2405.12 | 1.133 | 2404.554 | 2405.687 | 0.5 | PASS |
| | Ant0 | 2437.12 | 1.119 | 2436.565 | 2437.684 | 0.5 | PASS |
| | Ant0 | 2471.12 | 1.108 | 2470.563 | 2471.671 | 0.5 | PASS |
| 3M | Ant0 | 2404.5 | 2.207 | 2403.397 | 2405.604 | 0.5 | PASS |
| | Ant0 | 2434.5 | 2.205 | 2433.396 | 2435.601 | 0.5 | PASS |
| | Ant0 | 2467.5 | 2.211 | 2466.392 | 2468.603 | 0.5 | PASS |
| 3M CA | Ant0 | 2407.2 | 2.202 | 2406.099 | 2408.301 | 0.5 | PASS |
| | Ant0 | 2437.2 | 2.204 | 2436.097 | 2438.301 | 0.5 | PASS |
| | Ant0 | 2470.2 | 2.190 | 2469.107 | 2471.297 | 0.5 | PASS |

Note: All the modes had been tested, but only the worst data was recorded in the report.



11.1.2. Test Graphs





10M Ant1 2437.5



10M Ant0 2467.5



10M Ant1 2467.5







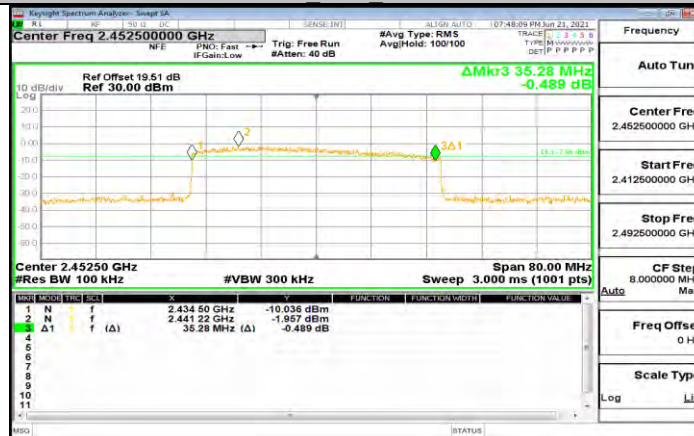




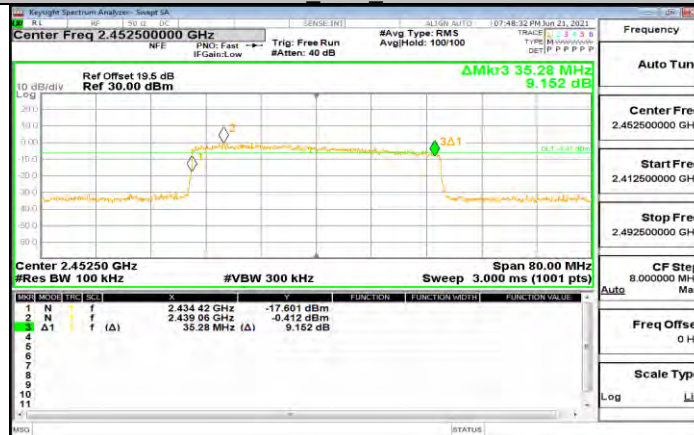
40M Ant0 2437.5



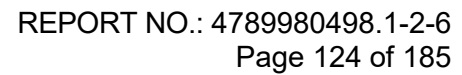
40M Ant1 2437.5



40M Ant0 2452.5

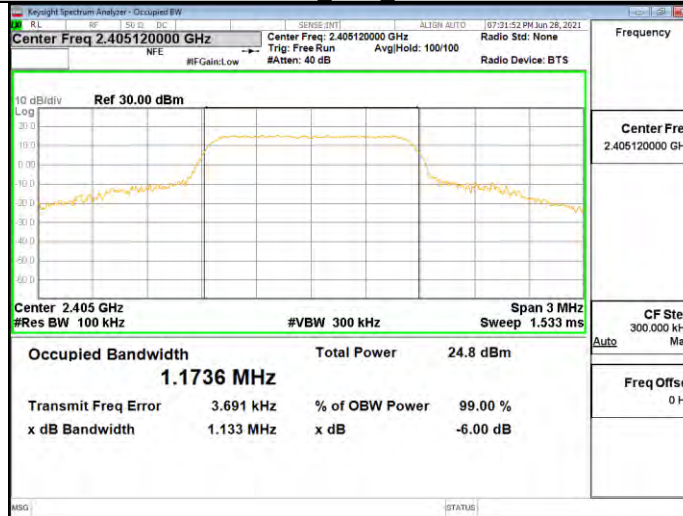


40M Ant1 2452.5

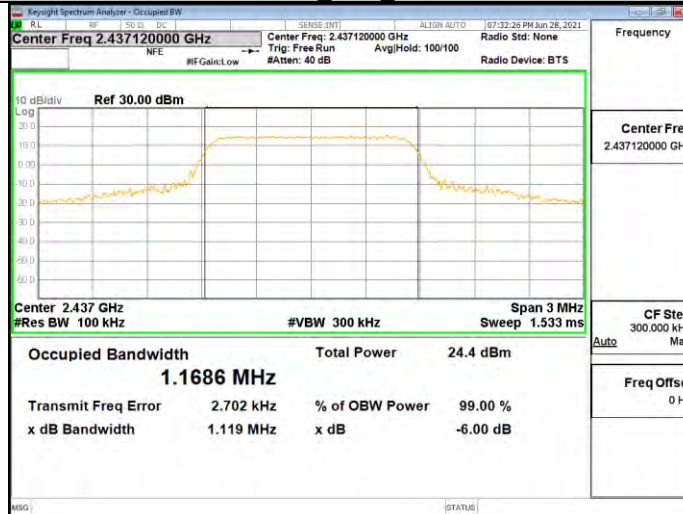




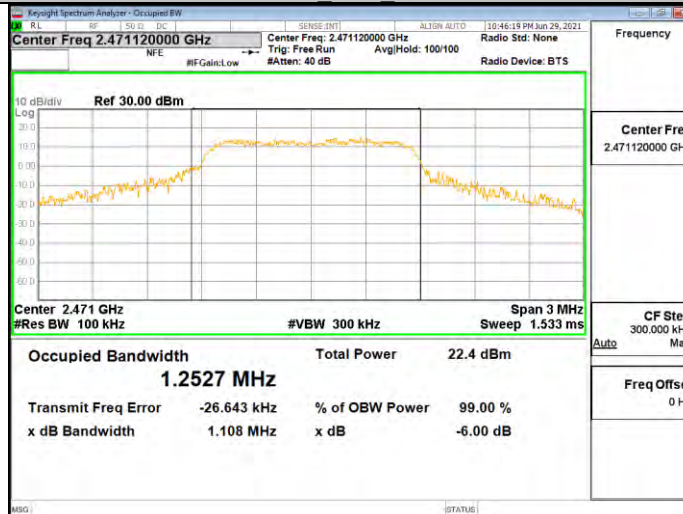
1.4M CA Ant0 2405.12

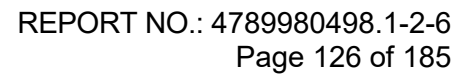


1.4M CA Ant0 2437.12



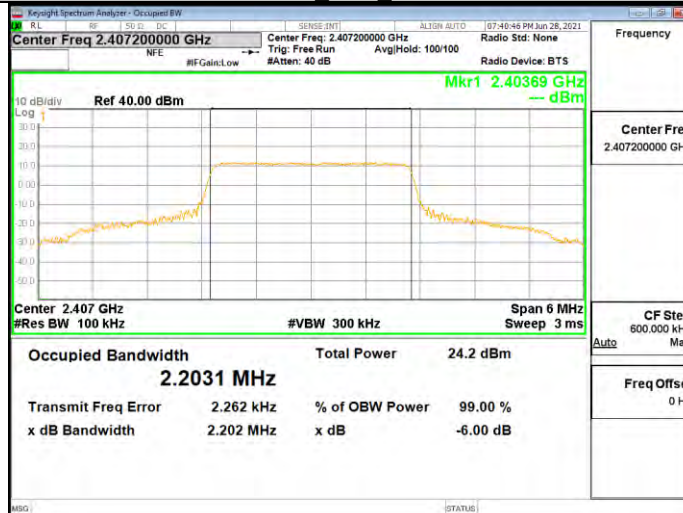
1.4M CA Ant0 2471.12



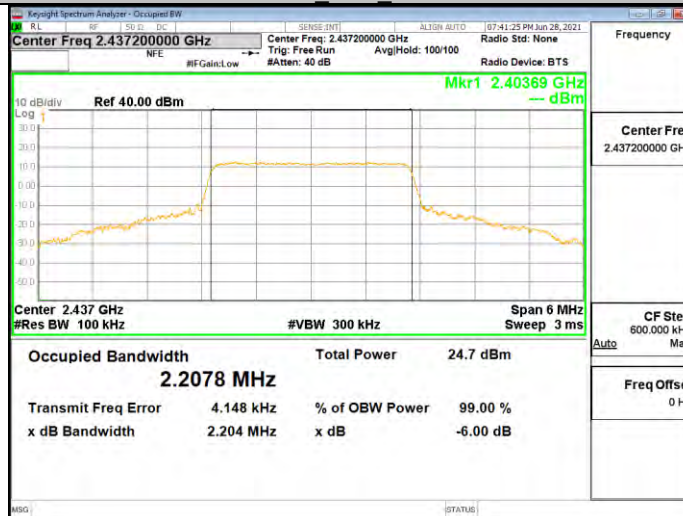




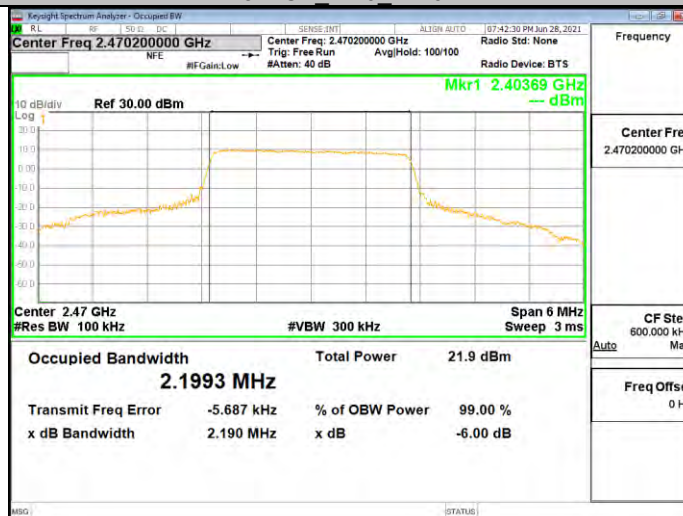
3M CA Ant0 2407.2



3M CA Ant0 2437.2



3M CA Ant0 2470.2



**11.2. Appendix B: Occupied Channel Bandwidth****11.2.1. Test Result**

| Test Mode | Antenna | Channel | OCB [MHz] | FL[MHz] | FH[MHz] | Verdict |
|------------|---------|---------|-----------|----------|----------|---------|
| 10M | Ant0 | 2407.5 | 9.1447 | 2402.944 | 2412.088 | PASS |
| | Ant1 | 2407.5 | 9.1747 | 2402.922 | 2412.097 | PASS |
| | Ant0 | 2437.5 | 9.1246 | 2432.999 | 2442.123 | PASS |
| | Ant1 | 2437.5 | 9.1403 | 2432.969 | 2442.109 | PASS |
| | Ant0 | 2467.5 | 9.1471 | 2462.916 | 2472.063 | PASS |
| | Ant1 | 2467.5 | 9.1590 | 2462.928 | 2472.087 | PASS |
| 20M | Ant0 | 2412.5 | 17.901 | 2403.589 | 2421.490 | PASS |
| | Ant1 | 2412.5 | 17.864 | 2403.585 | 2421.449 | PASS |
| | Ant0 | 2437.5 | 17.860 | 2428.625 | 2446.485 | PASS |
| | Ant1 | 2437.5 | 17.909 | 2428.617 | 2446.526 | PASS |
| | Ant0 | 2462.5 | 17.863 | 2453.556 | 2471.419 | PASS |
| | Ant1 | 2462.5 | 17.899 | 2453.544 | 2471.443 | PASS |
| 40M | Ant0 | 2422.5 | 35.908 | 2404.593 | 2440.501 | PASS |
| | Ant1 | 2422.5 | 35.750 | 2404.735 | 2440.485 | PASS |
| | Ant0 | 2437.5 | 35.870 | 2419.676 | 2455.546 | PASS |
| | Ant1 | 2437.5 | 35.637 | 2419.789 | 2455.426 | PASS |
| | Ant0 | 2452.5 | 35.487 | 2434.688 | 2470.175 | PASS |
| | Ant1 | 2452.5 | 35.585 | 2434.657 | 2470.242 | PASS |
| 1.4M | Ant0 | 2403.5 | 1.1247 | 2402.936 | 2404.060 | PASS |
| | Ant0 | 2435.5 | 1.1224 | 2434.939 | 2436.061 | PASS |
| | Ant0 | 2469.5 | 1.1232 | 2468.933 | 2470.057 | PASS |
| 1.4M CA | Ant0 | 2405.12 | 1.1263 | 2404.555 | 2405.681 | PASS |
| | Ant0 | 2437.12 | 1.1271 | 2436.558 | 2437.686 | PASS |
| | Ant0 | 2471.12 | 1.1062 | 2470.569 | 2471.675 | PASS |
| 3M | Ant0 | 2404.5 | 2.1880 | 2403.406 | 2405.594 | PASS |
| | Ant0 | 2434.5 | 2.1856 | 2433.409 | 2435.595 | PASS |
| | Ant0 | 2467.5 | 2.2177 | 2466.391 | 2468.609 | PASS |
| 3M CA | Ant0 | 2407.2 | 2.2067 | 2406.099 | 2408.305 | PASS |
| | Ant0 | 2437.2 | 2.2152 | 2436.091 | 2438.307 | PASS |
| | Ant0 | 2470.2 | 2.2086 | 2469.099 | 2471.307 | PASS |

Note: All the modes had been tested, but only the worst data was recorded in the report.



11.2.2. Test Graphs











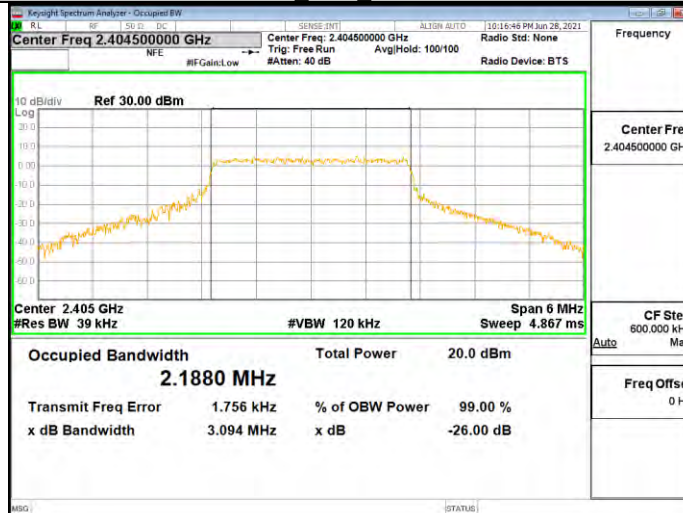




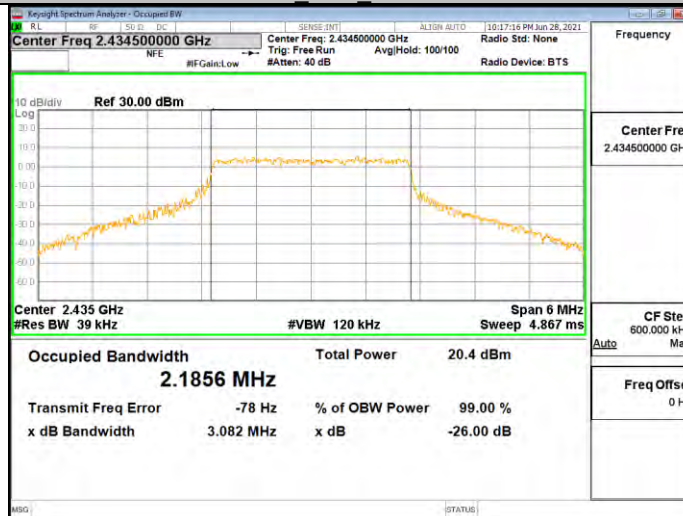




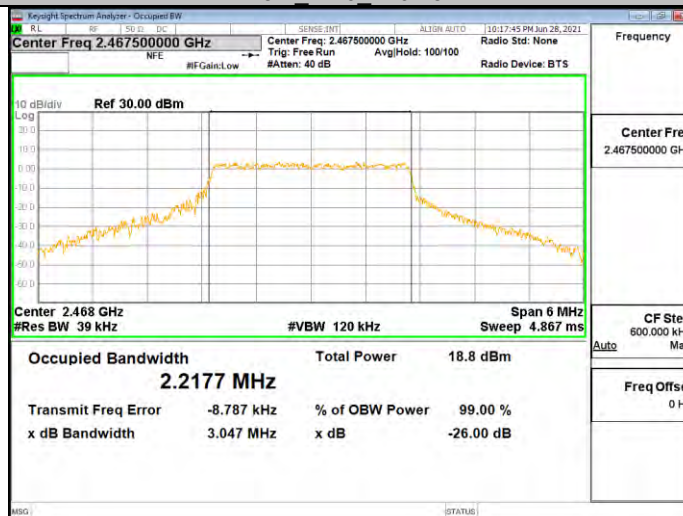
3M Ant0 2404.5

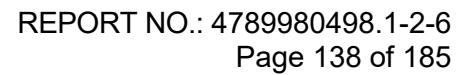


3M Ant0 2434.5



3M Ant0 2467.5





Key parameters from the spectrum plot:

- Center Freq: 2.407200000 GHz
- Span: 6 MHz
- Res BW: 39 kHz
- VBW: 120 kHz
- Sweep: 4.867 ms
- Occupied Bandwidth: 2.2067 MHz
- Total Power: 19.8 dBm
- Transmit Freq Error: -2.952 kHz
- % of OBW Power: 99.00 %
- x dB Bandwidth: 3.004 MHz
- x dB: -26.00 dB

Frequency Spectrum Analyzer - Occupied BW

RL 80 50 01 DC SENSE [INT] ALTON AUTO 10:18:45 PM Jun 28, 2021

Center Freq 2.437200000 GHz Radio Std: None Frequency

NFE #FGateLow Trig: Free Run Avg/Hold: 100/100

#VBW 120 kHz Radio Device: BTS

*Res BW 39 kHz

Span 6 MHz

Sweep 4.867 ms

Occupied Bandwidth **2.2152 MHz**

Total Power **20.7 dBm**

Transmit Freq Error -14.533 kHz % of OBW Power 99.00 %

x dB Bandwidth 3.158 MHz x dB -26.00 dB

Auto Freq Offset 0 Hz

MISO [STATUS]

Keysight Spectrum Analyzer - Occupied BW

RL 60 150 210 270 330 390 450 510 570 630 690 750 810 870 930 990 1050 1110 1170 1230 1290 1350 1410 1470 1530 1590 1650 1710 1770 1830 1890 1950 2010 2070 2130 2190 2250 2310 2370 2430 2490 2550 2610 2670 2730 2790 2850 2910 2970 3030 3090 3150 3210 3270 3330 3390 3450 3510 3570 3630 3690 3750 3810 3870 3930 3990 4050 4110 4170 4230 4290 4350 4410 4470 4530 4590 4650 4710 4770 4830 4890 4950 5010 5070 5130 5190 5250 5310 5370 5430 5490 5550 5610 5670 5730 5790 5850 5910 5970 6030 6090 6150 6210 6270 6330 6390 6450 6510 6570 6630 6690 6750 6810 6870 6930 6990 7050 7110 7170 7230 7290 7350 7410 7470 7530 7590 7650 7710 7770 7830 7890 7950 8010 8070 8130 8190 8250 8310 8370 8430 8490 8550 8610 8670 8730 8790 8850 8910 8970 9030 9090 9150 9210 9270 9330 9390 9450 9510 9570 9630 9690 9750 9810 9870 9930 9990 10050 10110 10170 10230 10290 10350 10410 10470 10530 10590 10650 10710 10770 10830 10890 10950 11010 11070 11130 11190 11250 11310 11370 11430 11490 11550 11610 11670 11730 11790 11850 11910 11970 12030 12090 12150 12210 12270 12330 12390 12450 12510 12570 12630 12690 12750 12810 12870 12930 12990 13050 13110 13170 13230 13290 13350 13410 13470 13530 13590 13650 13710 13770 13830 13890 13950 14010 14070 14130 14190 14250 14310 14370 14430 14490 14550 14610 14670 14730 14790 14850 14910 14970 15030 15090 15150 15210 15270 15330 15390 15450 15510 15570 15630 15690 15750 15810 15870 15930 15990 16050 16110 16170 16230 16290 16350 16410 16470 16530 16590 16650 16710 16770 16830 16890 16950 17010 17070 17130 17190 17250 17310 17370 17430 17490 17550 17610 17670 17730 17790 17850 17910 17970 18030 18090 18150 18210 18270 18330 18390 18450 18510 18570 18630 18690 18750 18810 18870 18930 18990 19050 19110 19170 19230 19290 19350 19410 19470 19530 19590 19650 19710 19770 19830 19890 19950 20010 20070 20130 20190 20250 20310 20370 20430 20490 20550 20610 20670 20730 20790 20850 20910 20970 21030 21090 21150 21210 21270 21330 21390 21450 21510 21570 21630 21690 21750 21810 21870 21930 21990 22050 22110 22170 22230 22290 22350 22410 22470 22530 22590 22650 22710 22770 22830 22890 22950 23010 23070 23130 23190 23250 23310 23370 23430 23490 23550 23610 23670 23730 23790 23850 23910 23970 24030 24090 24150 24210 24270 24330 24390 24450 24510 24570 24630 24690 24750 24810 24870 24930 24990 25050 25110 25170 25230 25290 25350 25410 25470 25530 25590 25650 25710 25770 25830 25890 25950 26010 26070 26130 26190 26250 26310 26370 26430 26490 26550 26610 26670 26730 26790 26850 26910 26970 27030 27090 27150 27210 27270 27330 27390 27450 27510 27570 27630 27690 27750 27810 27870 27930 27990 28050 28110 28170 28230 28290 28350 28410 28470 28530 28590 28650 28710 28770 28830 28890 28950 29010 29070 29130 29190 29250 29310 29370 29430 29490 29550 29610 29670 29730 29790 29850 29910 29970 30030 30090 30150 30210 30270 30330 30390 30450 30510 30570 30630 30690 30750 30810 30870 30930 30990 31050 31110 31170 31230 31290 31350 31410 31470 31530 31590 31650 31710 31770 31830 31890 31950 32010 32070 32130 32190 32250 32310 32370 32430 32490 32550 32610 32670 32730 32790 32850 32910 32970 33030 33090 33150 33210 33270 33330 33390 33450 33510 33570 33630 33690 33750 33810 33870 33930 33990 34050 34110 34170 34230 34290 34350 34410 34470 34530 34590 34650 34710 34770 34830 34890 34950 35010 35070 35130 35190 35250 35310 35370 35430 35490 35550 35610 35670 35730 35790 35850 35910 35970 36030 36090 36150 36210 36270 36330 36390 36450 36510 36570 36630 36690 36750 36810 36870 36930 36990 37050 37110 37170 37230 37290 37350 37410 37470 37530 37590 37650 37710 37770 37830 37890 37950 38010 38070 38130 38190 38250 38310 38370 38430 38490 38550 38610 38670 38730 38790 38850 38910 38970 39030 39090 39150 39210 39270 39330 39390 39450 39510 39570 39630 39690 39750 39810 39870 39930 39990 40050 40110 40170 40230 40290 40350 40410 40470 40530 40590 40650 40710 40770 40830 40890 40950 41010 41070 41130 41190 41250 41310 41370 41430 41490 41550 41610 41670 41730 41790 41850 41910 41970 42030 42090 42150 42210 42270 42330 4239