

TEST REPORT

| | |
|---------------------------------|--|
| Applicant: | LETARON ELECTRONIC CO LTD |
| Address of Applicant: | No.253, Junma Road, Hengli Town, Dongguan City, Guangdong Province, China |
| Manufacturer: | LETARON ELECTRONIC CO LTD |
| Address of Manufacturer: | No.253, Junma Road, Hengli Town, Dongguan City, Guangdong Province, China |
| Product name: | Wireless Hand Scan Switch, Wireless Door Switch Wireless Touch Switch, Wireless Human Body Sensor |
| Model(s): | LSK-JJ-002, LSK-JJ-003, LSK-JJ-004, LSK-JJ-005 |
| Rating(s): | AC 120V 60Hz For Adapter DC 3V Battery |
| Standards: | 47 CFR Part 15 Subpart C section 15.247 |
| FCC ID: | 2BL73-LSKJJ002 |
| Data of Receipt: | 2024-09-21 |
| Date of Test: | 2024-09-21~2024-12-03 |
| Date of Issue: | 2024-12-03 |
| Test Result | Pass* |

* In the configuration tested, the test item complied with the standards specified above.

Authorized for issue by:

Test by:

Dec.03, 2024

Chivas Tsang

Project Engineer

Date

Name/Position

Signature

Reviewed by:

Dec.03, 2024

Victor Meng

Project Manager

Date

Name/Position

Signature

Testing Laboratory information:

Testing Laboratory Name : ITL Co., Ltd

Address : No. 8, Jinqianling Street 5, Huangjiang Town, Dongguan,
Guangdong, China

Testing location : Same as above

Tel : 0086-769-39001678

Fax : 0086-20-62824387

E-mail : itl@i-testlab.com

Possible test case verdicts:

- test case does not apply to the test object.. : N/A
- test object does meet the requirement.....: P (Pass)
- test object does not meet the requirement..: F (Fail)

General remarks:

The test results presented in this report relate only to the object tested.

The results contained in this report reflect the results for this particular model and serial number. It is the responsibility of the manufacturer to ensure that all production models meet the intent of the requirements detailed within this report.

This report would be invalid test report without all the signatures of testing technician and approver.

This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

General product information:

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1 Test Summary

| Test | Test Requirement | Test method | Result |
|--|---|---|--------|
| Antenna Requirement | FCC PART 15 C section 15.247 (c) and Section 15.203 | FCC PART 15 C section 15.247 (c) and Section 15.203 | PASS |
| Occupied Bandwidth | FCC PART 15 C section 15.247 (a)(2) | ANSI C63.10:2013 | PASS |
| Maximum Peak Output Power | FCC PART 15 C section 15.247(b)(3) | ANSI C63.10: 2013 | PASS |
| Peak Power Spectral Density | FCC PART 15 C section 15.247(e) | ANSI C63.10:2013 | PASS |
| Conducted Spurious Emission (30MHz to 25GHz) | FCC PART 15 C section 15.209&15.247(d) | ANSI C63.10:2013 | PASS |
| Radiated Spurious Emission (30 MHz to 25 GHz) | FCC PART 15 C section 15.209&15.247(d) | ANSI C63.10:2013 | PASS |
| Radiated Emissions which fall in the restricted bands | FCC PART 15 C section 15.209 | ANSI C63.10:2013 | PASS |
| Band Edges Measurement | FCC PART 15 C section 15.209&15.247(d) | ANSI C63.10:2013 | PASS |
| Conducted Emissions at Mains Terminals | FCC PART 15 C section 15.207 | ANSI C63.10:2013 | PASS |

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3 General Information

3.1 Client Information

Applicant: LETARON ELECTRONIC CO LTD
 Address of Applicant: No.253, Junma Road, Hengli Town, Dongguan City, Guangdong Province, China

3.2 General Description of E.U.T.

Name: Wireless Hand Scan Switch, Wireless Door Switch
 Wireless Touch Switch, Wireless Human Body Sensor

Model No.: LSK-JJ-002, LSK-JJ-003, LSK-JJ-004, LSK-JJ-005

Operating Frequency 2401 MHz to 2482 MHz

82 channels with 1MHz step

Channels:

| channel | Frequency | channel | Frequency | channel | Frequency | channel | Frequency |
|---------|-----------|---------|-----------|---------|-----------|---------|-----------|
| 1 | 2401 | 21 | 2420 | 41 | 2440 | 61 | 2460 |
| 2 | 2402 | 22 | 2421 | 42 | 2441 | 62 | 2461 |
| 3 | 2403 | 23 | 2422 | 43 | 2442 | 63 | 2462 |
| 4 | 2404 | 24 | 2423 | 44 | 2443 | 64 | 2463 |
| 5 | 2405 | 25 | 2424 | 45 | 2444 | 65 | 2464 |
| 6 | 2406 | 26 | 2425 | 46 | 2445 | 66 | 2465 |
| 7 | 2407 | 27 | 2426 | 47 | 2446 | 67 | 2466 |
| 8 | 2408 | 28 | 2427 | 48 | 2447 | 68 | 2467 |
| 9 | 2409 | 29 | 2428 | 49 | 2448 | 69 | 2468 |
| 10 | 2410 | 30 | 2429 | 50 | 2449 | 70 | 2469 |
| 11 | 2411 | 31 | 2430 | 51 | 2450 | 71 | 2470 |
| 12 | 2412 | 32 | 2431 | 52 | 2451 | 72 | 2471 |
| 13 | 2413 | 33 | 2432 | 53 | 2452 | 73 | 2472 |
| 14 | 2414 | 34 | 2433 | 54 | 2453 | 74 | 2473 |
| 15 | 2415 | 35 | 2434 | 55 | 2454 | 75 | 2474 |
| 16 | 2416 | 36 | 2435 | 56 | 2455 | 76 | 2475 |
| 17 | 2417 | 37 | 2436 | 57 | 2456 | 77 | 2476 |
| 18 | 2418 | 38 | 2437 | 58 | 2457 | 78 | 2477 |
| 19 | 2419 | 39 | 2438 | 59 | 2458 | 79 | 2478 |
| 20 | 2420 | 40 | 2439 | 60 | 2459 | 80 | 2479 |
| 81 | 2480 | 83 | 2482 | | | | |
| 82 | 2481 | | | | | | |

Type of Modulation GFSK

Antenna Type: PCB Antenna with 0 dBi peak Gain

Function: Smart Control

3.3 Details of E.U.T

EUT Power Supply: AC 120V 60Hz (For Adapter)

Test mode: The program used to control the EUT for staying in continuous transmitting and receiving mode is programmed. Channel lowest (2401MHz), middle (2440MHz) and highest (2482MHz) are chosen for full testing.

3.4 Description of Support Units

The EUT has been tested as an independent unit for fixed frequency by testing lab.

3.5 Test Location

All the tests were performed in ITL Co., Ltd. Which is located at No. 8, Jinqianling Street 5, Huangjiang Town, Dongguan, Guangdong, China.

Tel: 0086-769-39001678, Fax: 0086-20-62824387

No tests were sub-contracted.

3.6 Deviation from Standards

None.

3.7 Abnormalities from Standard Conditions

None.

3.8 Other Information Requested by the Customer

None.

3.9 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **CNAS Lab code:L9342**
- **FCC Designation No.:CN5035**
- **IC Registration NO.: 12593A**
- **NVLAP LAB CODE: 600199-0**

3.10 Measurement Uncertainty

The below measurement uncertainties given below are based on a 95% confidence level (base on a coverage factor (k=2).)

| Parameter | Uncertainty |
|-------------------------------|----------------------------|
| Radio frequency | 2.25% |
| total RF power, conducted | ± 1.34 dB |
| RF power density , conducted | ± 1.49 dB |
| All emissions, radiated | ± 2.72 dB |
| Temperature | $\pm 0.68^{\circ}\text{C}$ |
| Humidity | ± 0.8 RH |
| DC and low frequency voltages | ± 1.5 % |

4 Instruments Used during Test

| No. | Test Equipment | Manufacturer | Model | Serial No. | Cal Data | Due Date |
|------------|-------------------------------------|----------------------|--------------|------------------|------------|------------|
| DGITL-301 | Semi-Anechoic chamber | ETS•Lindgren | 9*6*6 | CT000874-1181 | 2023.08.02 | 2026.08.02 |
| DGITL-307 | EMI test receiver | SCHWARZBEC K | ESVS10 | 833616/003 | 2024.03.15 | 2025.03.15 |
| DGITL-376 | Wideband Radio Communication Tester | SCHWARZBEC K | CMW500 | LR114195 | 2024.03.15 | 2025.03.15 |
| DGITL-349a | Vector Signal Generator | ROHDE&SCHW ARZ | SMBV100A | 259268 | 2024.03.15 | 2025.03.15 |
| DGITL-306 | Spectrum Analyzer | Agilent Technologies | N9010A | MY54200334 | 2024.03.15 | 2025.03.15 |
| DGITL-352 | Pre Amplifier | MInI-CIrcuits | ZFC-1000HX | SN292801110 | 2024.03.15 | 2025.03.15 |
| DGITL-375 | Spectrum Analyzer | SCHWARZBEC K | FSV40-N | 6625-01-588-5515 | 2024.03.15 | 2025.03.15 |
| DGITL-309 | Horn Antenna | ETS Lindgren | 3117 | SN00152265 | 2023.05.14 | 2025.05.14 |
| DGITL-308 | Bilog Antenna | ETS· Lindgren | 3142E | 156975 | 2023.05.14 | 2025.05.14 |
| DGITL-350 | Wideband Amplifier Super Ultra | MInI-CIrcuits | ZVA-183X-S+ | SN986401426 | 2024.03.15 | 2025.03.15 |
| DGITL-371 | Pre Amplifier | teramicrowave | TALA-0040G35 | 18081001 | 2024.03.15 | 2025.03.15 |
| DGITL-363 | Active Loop Antenna | SCHWARZBEC K | FMZB1519B | 00062 | 2024.05.15 | 2026.05.11 |

5 Test Results

5.1 E.U.T. test conditions

Test Voltage: AC 120V 60Hz

Temperature: 23.2 -25.0 °C

Humidity: 38-50 % RH

Atmospheric Pressure: 1000 -1010 mbar

Requirements: **15.31(e):** For intentional radiators, measurements of the variation of the input power or the radiated signal level of the fundamental frequency component of the emission, as appropriate, shall be performed with the supply voltage varied between 85% and 115% of the nominal rated supply voltage. For battery operated equipment, the equipment tests shall be performed using a new battery.
15.32: Power supplies and CPU boards used with personal computers and for which separate authorizations are required to be obtained shall be tested as follows: Testing shall be in accordance with the procedures specified in Section 15.31 of this part.

Test frequencies and frequency range:

According to the 15.31(m) Measurements on intentional radiators or receivers, other than TV broadcast receivers, shall be performed and, if required, reported for each band in which the device can be operated with the device operating at the number of frequencies in each band specified in the following table:

According to the 15.33 (a) For an intentional radiator, the spectrum shall be investigated from the lowest radio frequency signal generated in the device, without going below 9 kHz, up to at least the frequency shown in the following table:

Number of fundamental frequencies to be tested in EUT transmit band

| Frequency range in which | Number of | Location in frequency range |
|--------------------------|-----------|---|
| 1 MHz or less | 1 | Middle |
| 1 MHz to 10 MHz | 2 | 1 near top and 1 near bottom |
| More than 10 MHz | 3 | 1 near top, 1 near middle and 1 near bottom |

Frequency range of radiated emission measurements

| Lowest frequency generated | Upper frequency range of measurement |
|-----------------------------|--|
| 9 kHz to below 10 GHz | 10th harmonic of highest fundamental frequency or to 40 GHz, |
| At or above 10 GHz to below | 5th harmonic of highest fundamental frequency or to 100 GHz, |
| At or above 30 GHz | 5th harmonic of highest fundamental frequency or to 200 GHz, |

EUT channels and frequencies list:

| channel | Frequency | channel | Frequency | channel | Frequency | channel | Frequency |
|---------|-----------|---------|-----------|---------|-----------|---------|-----------|
| 1 | 2401 | 21 | 2420 | 41 | 2440 | 61 | 2460 |
| 2 | 2402 | 22 | 2421 | 42 | 2441 | 62 | 2461 |
| 3 | 2403 | 23 | 2422 | 43 | 2442 | 63 | 2462 |
| 4 | 2404 | 24 | 2423 | 44 | 2443 | 64 | 2463 |
| 5 | 2405 | 25 | 2424 | 45 | 2444 | 65 | 2464 |
| 6 | 2406 | 26 | 2425 | 46 | 2445 | 66 | 2465 |
| 7 | 2407 | 27 | 2426 | 47 | 2446 | 67 | 2466 |
| 8 | 2408 | 28 | 2427 | 48 | 2447 | 68 | 2467 |
| 9 | 2409 | 29 | 2428 | 49 | 2448 | 69 | 2468 |
| 10 | 2410 | 30 | 2429 | 50 | 2449 | 70 | 2469 |
| 11 | 2411 | 31 | 2430 | 51 | 2450 | 71 | 2470 |
| 12 | 2412 | 32 | 2431 | 52 | 2451 | 72 | 2471 |
| 13 | 2413 | 33 | 2432 | 53 | 2452 | 73 | 2472 |
| 14 | 2414 | 34 | 2433 | 54 | 2453 | 74 | 2473 |
| 15 | 2415 | 35 | 2434 | 55 | 2454 | 75 | 2474 |
| 16 | 2416 | 36 | 2435 | 56 | 2455 | 76 | 2475 |
| 17 | 2417 | 37 | 2436 | 57 | 2456 | 77 | 2476 |
| 18 | 2418 | 38 | 2437 | 58 | 2457 | 78 | 2477 |
| 19 | 2419 | 39 | 2438 | 59 | 2458 | 79 | 2478 |
| 20 | 2420 | 40 | 2439 | 60 | 2459 | 80 | 2479 |
| 81 | 2480 | 83 | 2482 | | | | |
| 82 | 2481 | | | | | | |

Test frequencies are the lowest channel: 1 channel (2401MHz), middle channel: 41 channel (2440 MHz) and highest channel: 83 channel (2482 MHz)

Test the EUT in continuous transmission mode, duty cycle > 98%.

5.2 Antenna requirement

Standard requirement

15.203 requirements:

For intentional device. According to 15.203. An intentional radiator shall be designed to Ensure that no antenna other than that furnished by the responsible party shall be used with the device.

15.247(c) (1)(i) requirement:

(i) Systems operating in the 2400-2483.5 MHz bands that are used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6 dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi.

EUT Antenna

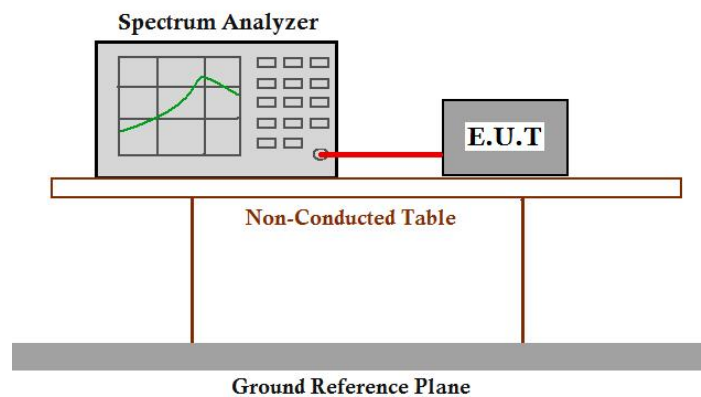
The antenna is a PCB Antenna and no consideration of replacement. The best-case gain of the antenna is 0dBi.

Test result: The unit does meet the FCC requirements.

5.3 Occupied Bandwidth

| | |
|-------------------|--|
| Test Requirement: | FCC Part 15 C section 15.247 (a)(2) Systems using digital modulation techniques may operate in the 902-928 MHz, 2400-2483.5MHz, and 5725-5850 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz. |
| Test Method: | ANSI C63.10:2013 |
| Test Status: | Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, channels and antenna ports (if EUT with antenna diversity architecture). Following channel(s) was (were) selected for the final test as listed below. |

Test Configuration:

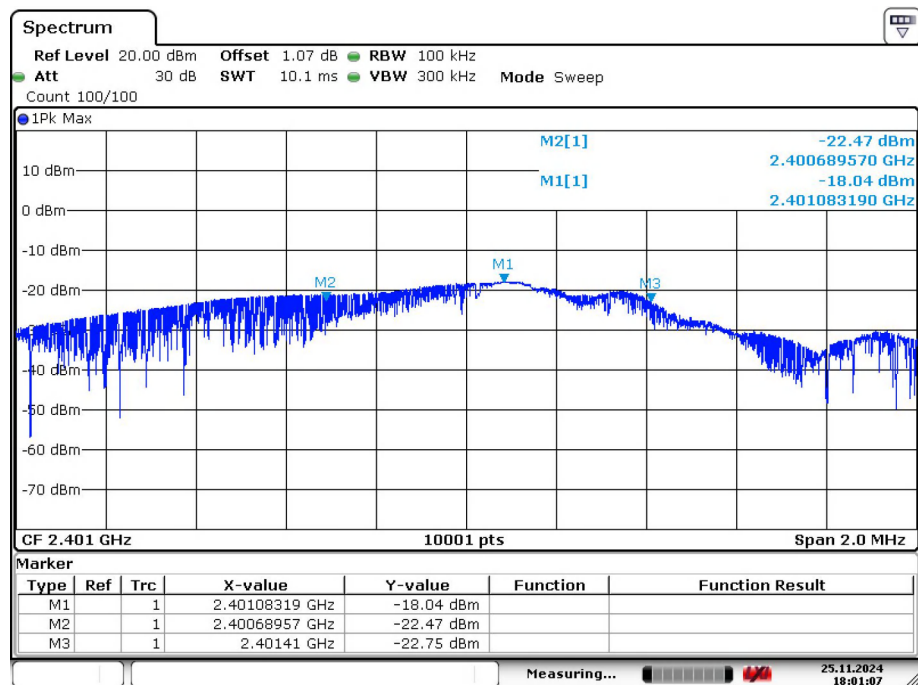


Test Procedure:

1. Remove the antenna from the EUT and then connect a low attention attenuation RF cable from the antenna port to the spectrum.
2. Set the spectrum analyzer: RBW=100 kHz. VBW = 300 kHz, Sweep = auto; Detector Function = Peak. Trace = Max Hold, Set span to encompass the entire emission bandwidth of the signal.
3. Mark the peak power frequency and -6dB (upper and lower) power frequency.
4. Repeat until all the test status is investigated.
5. Report the worst case.

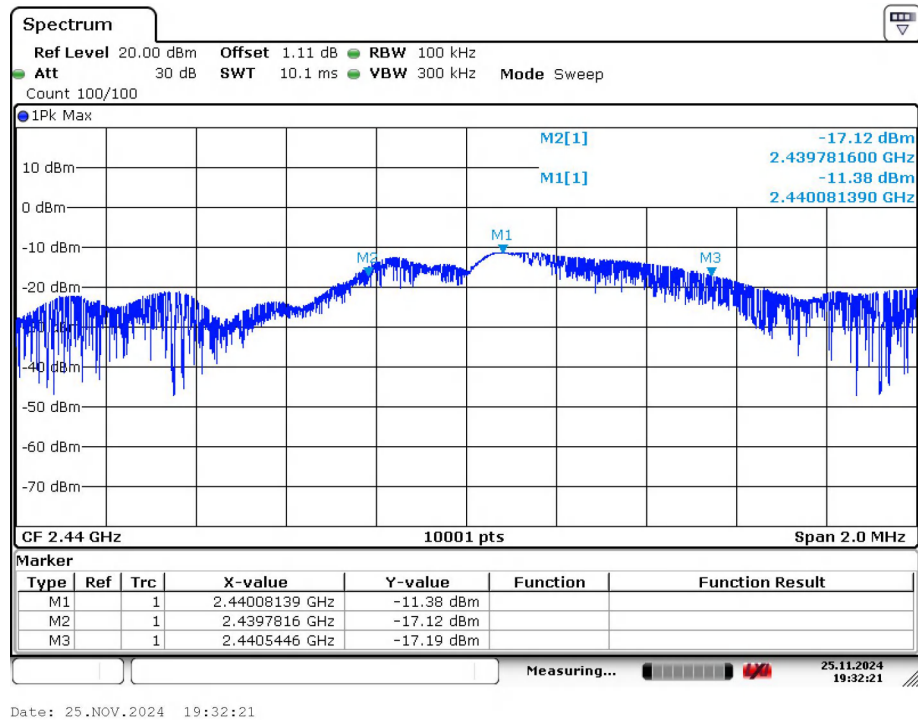
Test result (6 dB bandwidth)

| Frequency (MHz) | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|--------------------|--------------------------|--------------------------------|---------|
| 2401 | 0.720 | 0.5 | Pass |
| 2440 | 0.763 | 0.5 | Pass |
| 2482 | 0.708 | 0.5 | Pass |

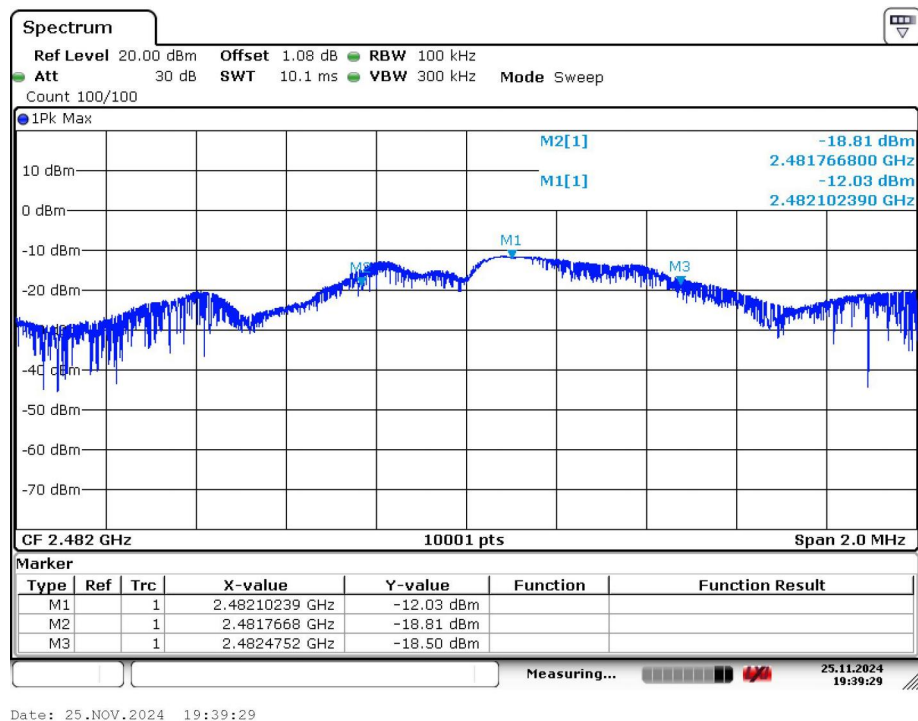


Date: 25.NOV.2024 18:01:07

-6dB Bandwidth 2401MHz



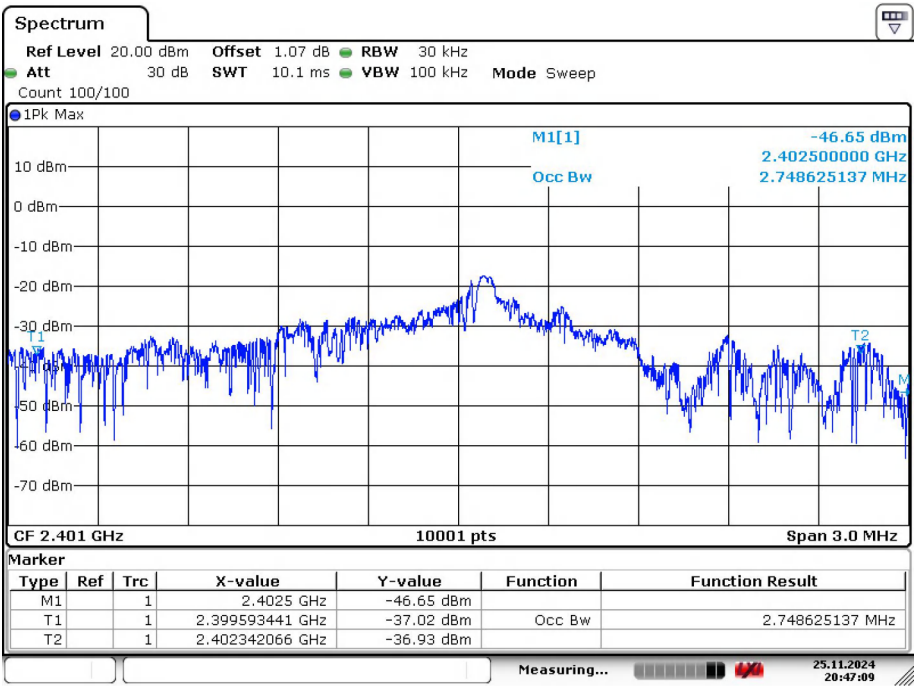
-6dB Bandwidth 2440MHz



-6dB Bandwidth 2482MHz

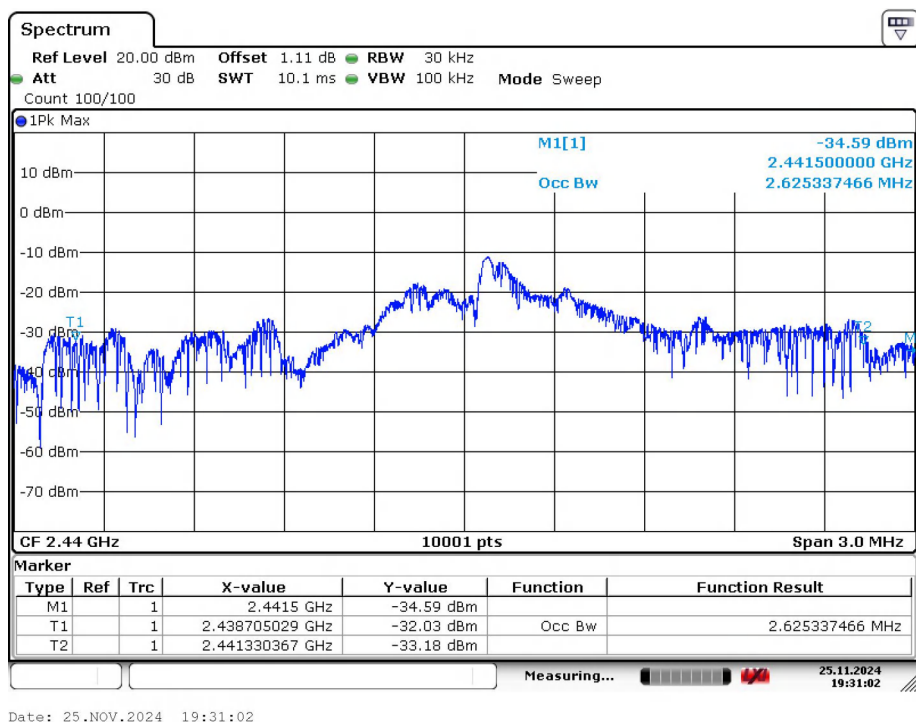
Test Result (99% Occupied Bandwidth)

| Frequency (MHz) | 99% OBW (MHz) |
|-----------------|---------------|
| 2401 | 2.748 |
| 2440 | 2.625 |
| 2482 | 2.768 |

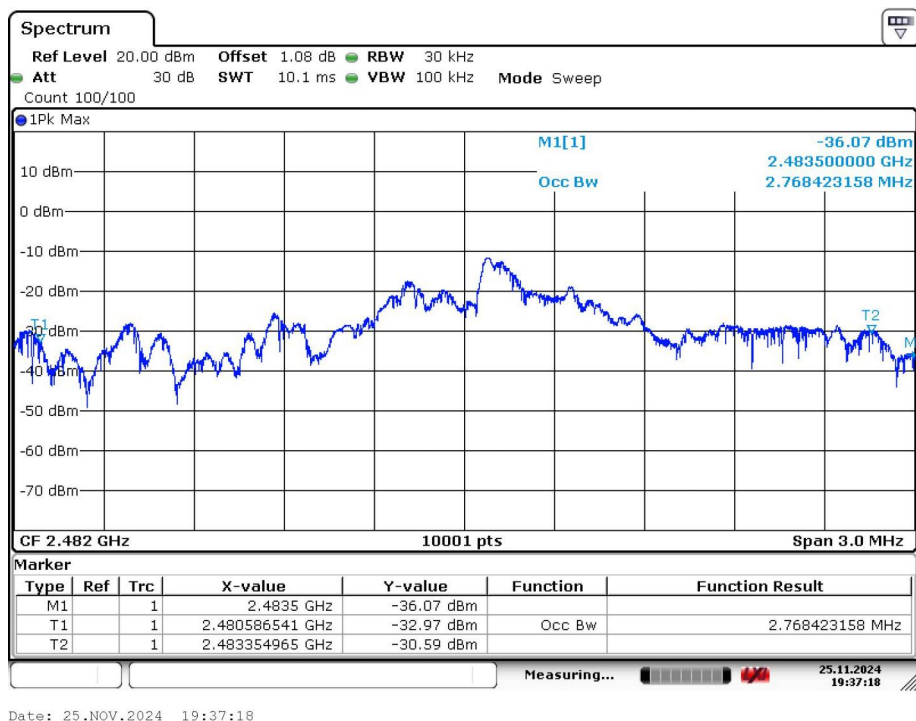


Date: 25.NOV.2024 20:47:09

OBW 2401MHz



OBW 2440MHz



OBW 2482MHz

The unit does meet the FCC requirements.

5.4 Maximum Peak Output Power

Test Requirement: FCC Part 15 C section 15.247

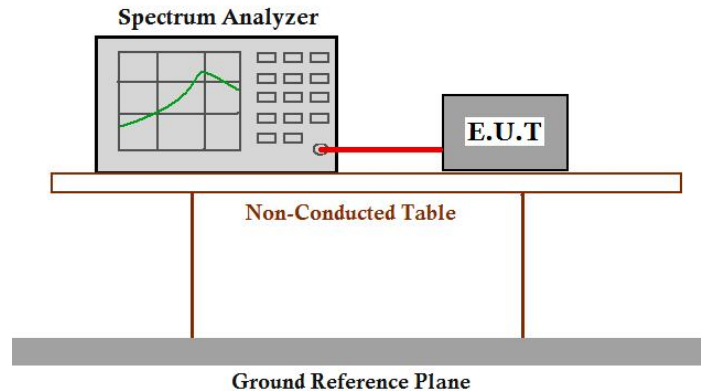
(b)(3) For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz and 5725-5850 MHz bands: 1 Watt.

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.

Test Method: ANSI C63.10:2013

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

Test Configuration:

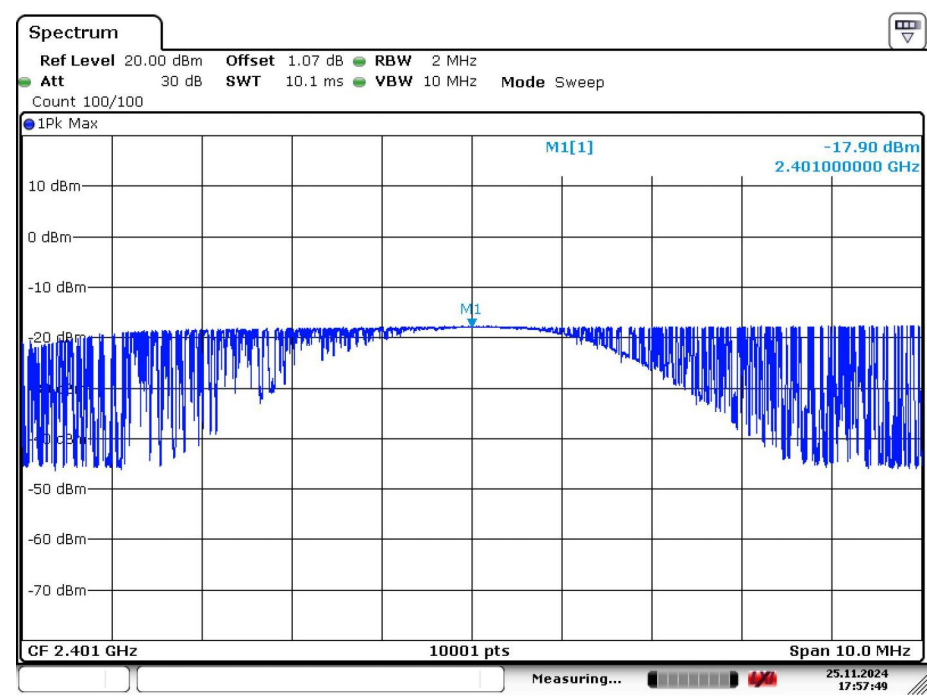


Test Procedure:

1. Remove the antenna from the EUT and then connect a low attention attenuation RF cable from the antenna port to the spectrum.
2. Set the RBW \geq DTS bandwidth
3. Set VBW $\geq 3 \times$ RBW
4. Set span $\geq 3 \times$ RBW.
5. Sweep time = auto.
6. Detector = peak.
7. Trace mode = max hold.
8. Allow trace to fully stabilize
9. Use peak marker function to determine the peak amplitude level

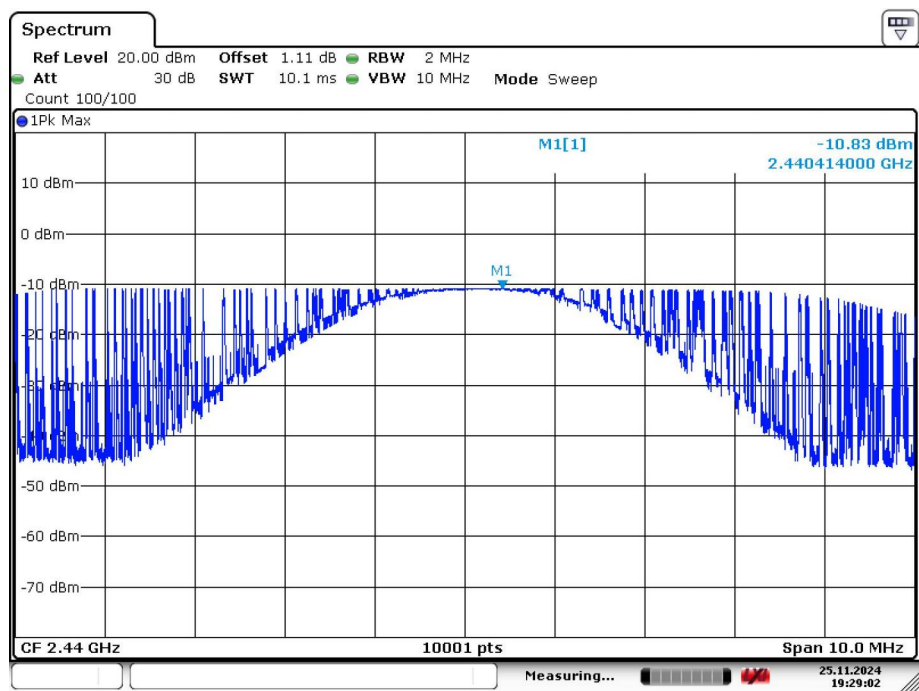
Test Data:

| Frequency (MHz) | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------------|-----------------------|-------------|---------|
| 2401 | -17.90 | 30 | Pass |
| 2440 | -10.83 | 30 | Pass |
| 2482 | -11.46 | 30 | Pass |



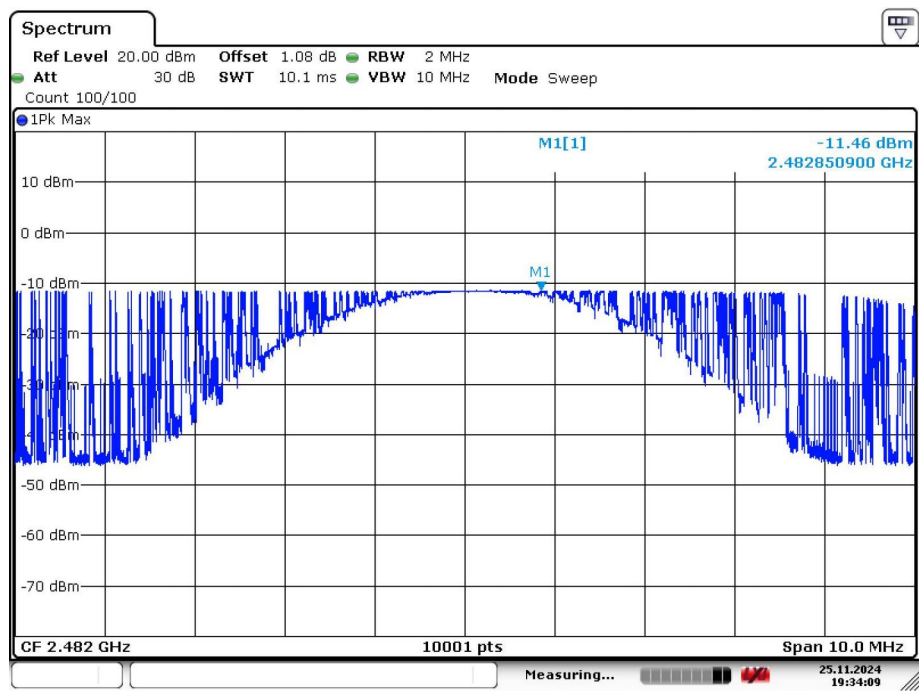
Date: 25.NOV.2024 17:57:49

Power 2401MHz



Date: 25.NOV.2024 19:29:02

Power 2440MHz



Date: 25.NOV.2024 19:34:09

Power 2482MHz

The unit does meet the FCC requirements.

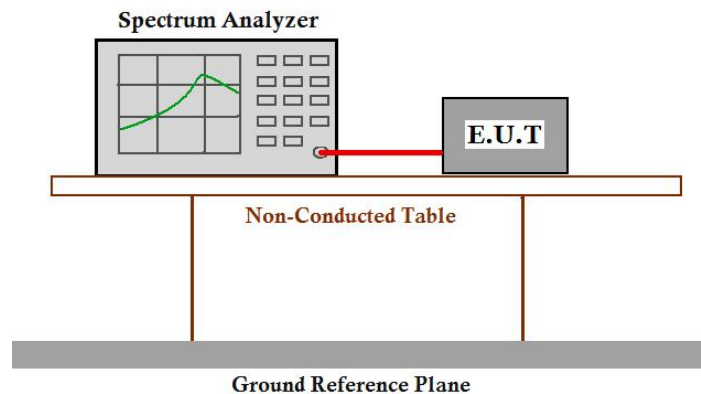
5.5 Peak Power Spectral Density

Test Requirement: FCC Part 15 C section 15.247
(e) For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

Test Method: ANSI C63.10:2013

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

Test Configuration:



Test Procedure:

Remove the antenna from the EUT and then connect a low attention attenuation RF cable from the antenna port to the spectrum analyzer or power meter.

- a) Set analyzer centre frequency to DTS channel centre frequency.
- b) Set the span to 1.5 times the DTS bandwidth.
- c) Set the RBW to $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.
- d) Set the VBW $\geq [3 \times \text{RBW}]$.
- e) Detector = peak.
- f) Sweep time = auto couple.
- g) Trace mode = max hold.
- h) Allow trace to fully stabilize.
- i) Use the peak marker function to determine the maximum amplitude level within the RBW.
- j) If measured value exceeds requirement, then reduce RBW (but no less than 3 kHz) and repeat.

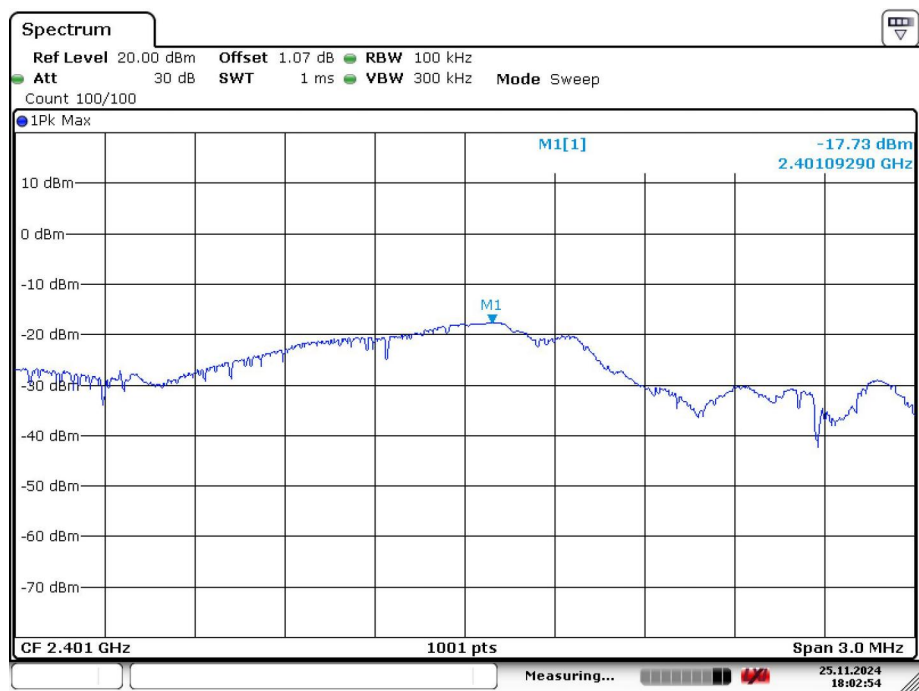
Measure the Power Spectral Density of the test frequency with special test status.

Repeat until all the test status is investigated.

Report the worst case.

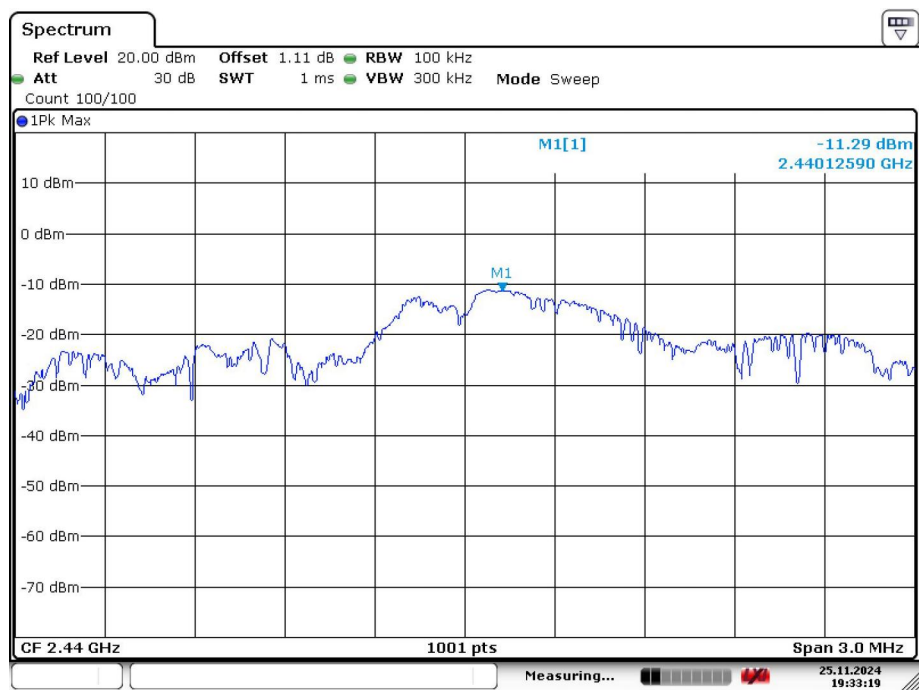
Test result:

| Frequency (MHz) | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------------|---------------|-------------|---------|
| 2401 | -17.73 | 8 | Pass |
| 2440 | -11.29 | 8 | Pass |
| 2482 | -11.26 | 8 | Pass |



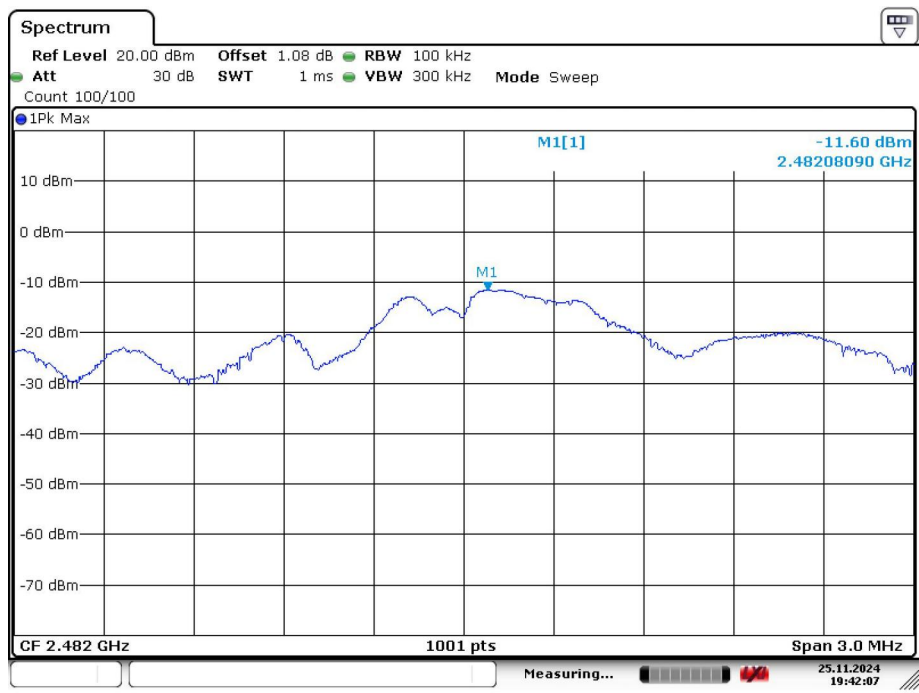
Date: 25.NOV.2024 18:02:54

PSD 2401MHz



Date: 25.NOV.2024 19:33:18

PSD 2440MHz



PSD 2482MHz

The unit does meet the FCC requirements.

5.6 Conducted Spurious Emissions

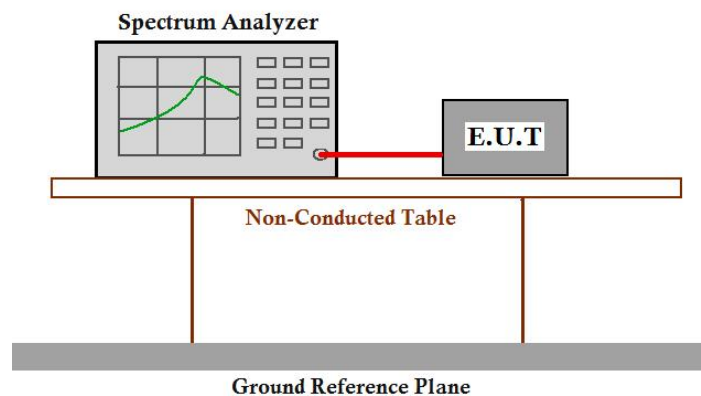
Test Requirement: FCC Part 15 C section 15.247

(d) In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating. the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power. Based on either an RF conducted or a radiated measurement. Provided the transmitter demonstrates compliance with the peak conducted power limits.

Test Method: ANSI C63.10:2013

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

Test Configuration:

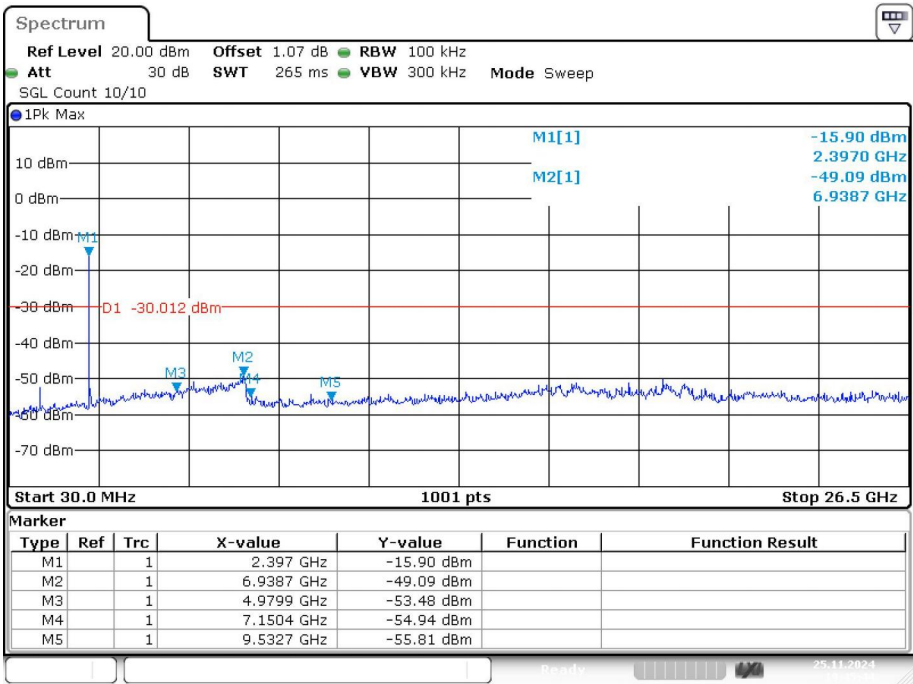


Test Procedure:

1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum analyzer or power meter.
2. Set the spectrum analyzer: RBW=100 KHz, VBW = 300KHz. Sweep = auto; Detector Function = Peak. Trace = Max Hold, Scan up through 10th harmonic.
3. Measure the Conducted Spurious Emissions of the test frequency with special test status.
4. Repeat until all the test status is investigated.
5. Report the worst case.

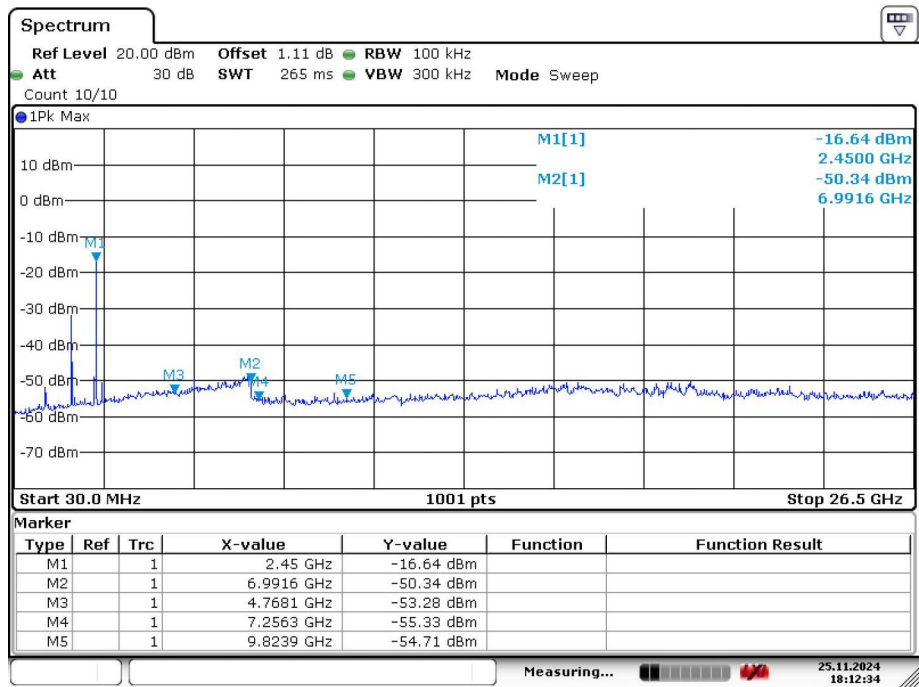
Test Data:

| Frequency (MHz) | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------------|-----------------|-------------|---------|
| 2401 | -39.08 | -20 | Pass |
| 2440 | -31.69 | -20 | Pass |
| 2482 | -22.67 | -20 | Pass |



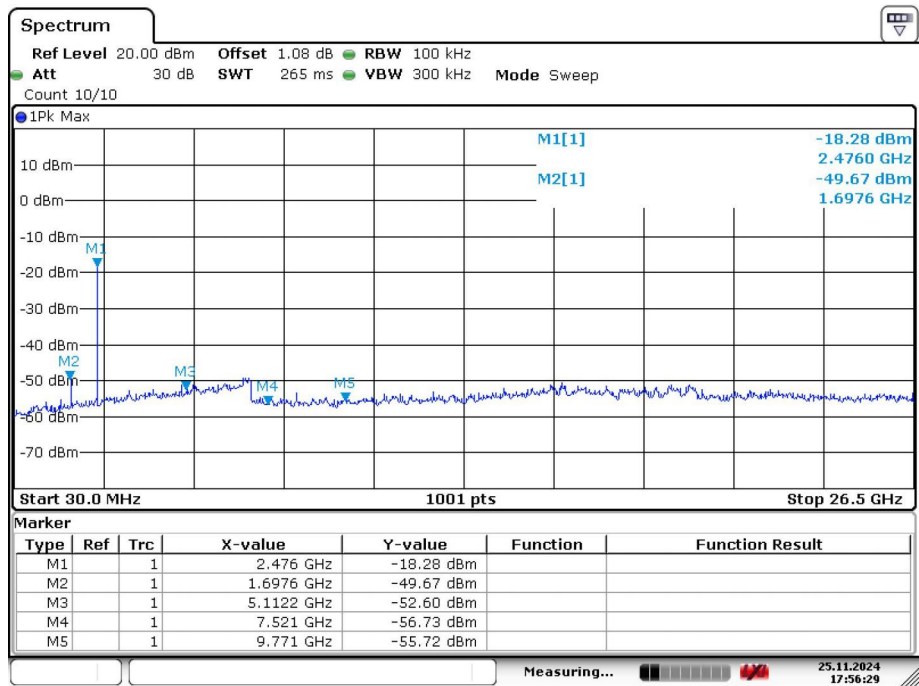
Date: 25.NOV.2024 19:45:44

Tx. Spurious 2402MHz Emission



Date: 25.NOV.2024 18:12:33

Tx. Spurious 2440MHz Emission



Date: 25.NOV.2024 17:56:29

Tx. Spurious 2480MHz Emission

Note: This line in the plots is a reference line for the 20dB down limit, not the limit.

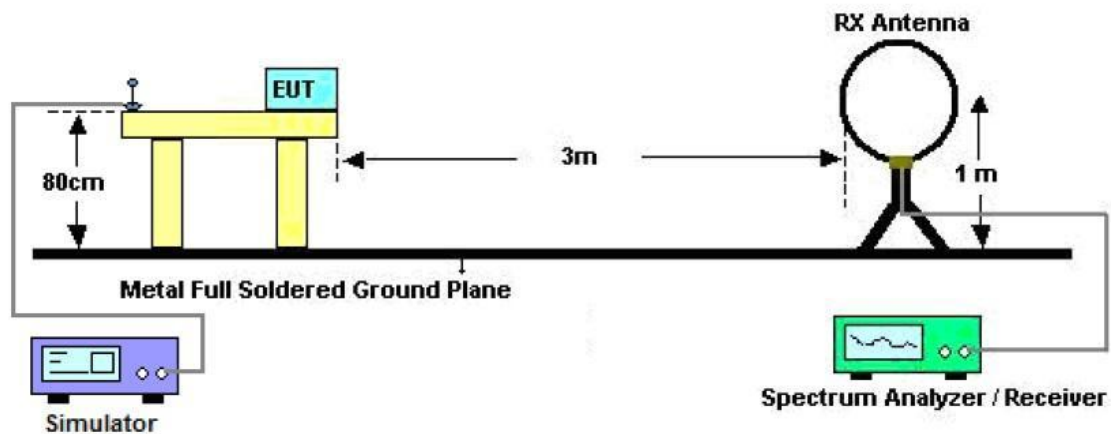
The results do meet the FCC requirements.

5.7 Radiated Spurious Emissions

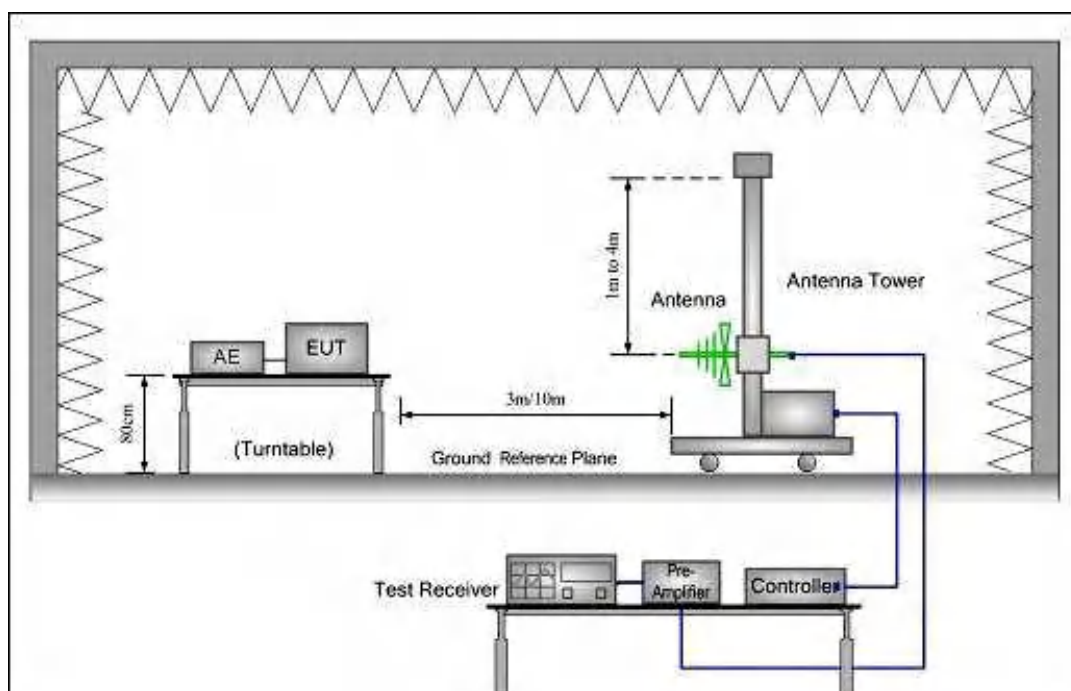
| | |
|-------------------------|---|
| Test Requirement: | FCC Part 15 C section 15.247 (d) In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating. The radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that Contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, and provided the transmitter demonstrates compliance with the peak conducted power limits. |
| Test Method: | ANSI C63.10:2013 |
| Test Status: | Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, channels and antenna ports (if EUT with antenna diversity architecture). Following channel(s) was (were) selected for the final test as listed below. |
| Detector: For PK value: | RBW = 1 MHz for $f \geq 1$ GHz, 100 kHz for $f < 1$ GHz VBW \geq RBW Sweep = auto Detector function = peak Trace = max hold For AV value: RBW = 1 MHz for $f \geq 1$ GHz, 100 kHz for $f < 1$ GHz, 9kHz for < 30 MHz VBW = 10 Hz Sweep = auto Detector function = peak Trace = max hold |
| 15.209 Limit: | 40.0 dB μ V/m between 30 MHz & 88 MHz 43.5 dB μ V/m between 88 MHz & 216 MHz 46.0 dB μ V/m between 216 MHz & 960 MHz 54.0 dB μ V/m above 960 MHz |

Test Configuration:

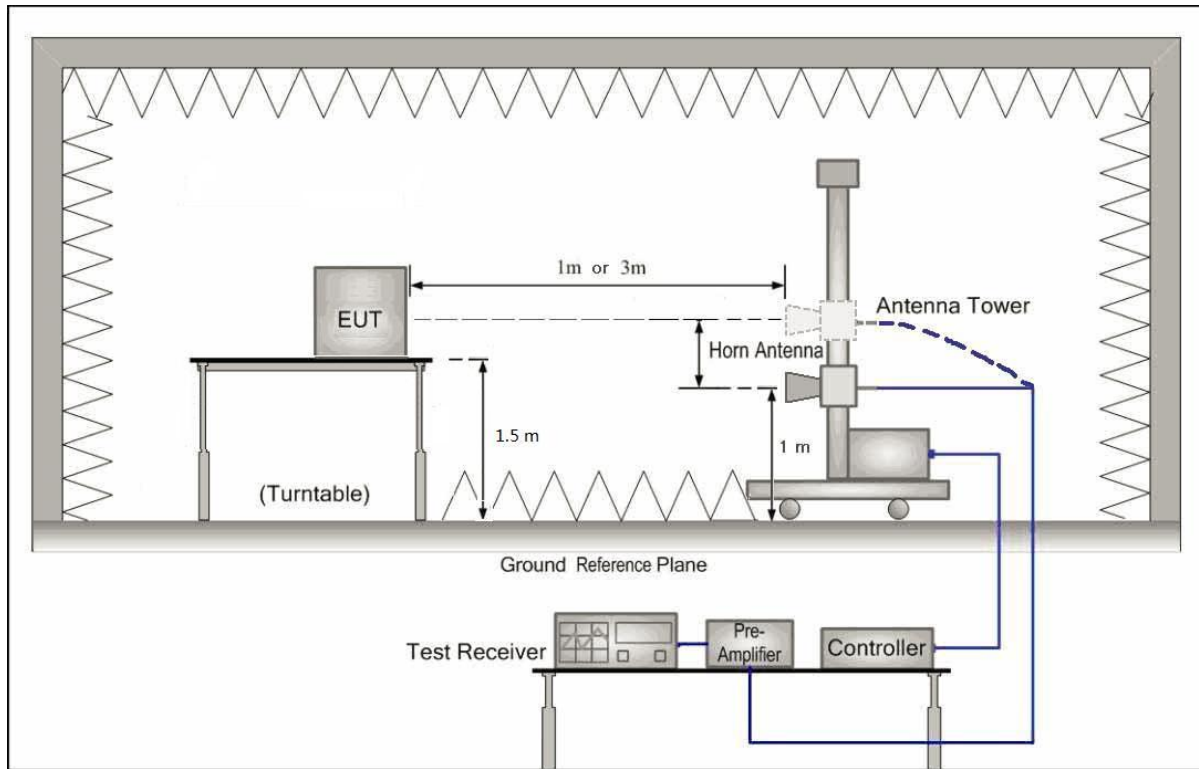
- 1) 9kHz to 30MHz emissions:



- 2) 30 MHz to 1 GHz emissions:



3) 1 GHz to 40 GHz emissions:



- Test Procedure:** (1) The receiver was scanned from 0.009MHz to 25GHz. When an emission was found, the table was rotated to produce the maximum signal strength. An initial pre-scan was performed for in peak detection mode using the receiver. The EUT was measured for both the Horizontal and Vertical polarities and performed a pre-test three orthogonal planes. For intentional radiators, measurements of the variation of the input power or the radiated signal level of the fundamental frequency component of the emission, as appropriate, shall be performed with the supply voltage varied between 85% and 115% of the nominal rated supply voltage. After pre-test, It was found that the worse radiation emission was get at the X position. So the data shown was the X position only. The worst case emissions were reported.
- (2) Now set the VBW to 10 Hz, while maintaining all of the other instrument settings. This peak level, once corrected, must comply with the limit specified in Section 15.209. If the dwell time per channel of the hopping signal is less than 100 ms, then the reading obtained with the 10 Hz VBW may be further adjusted by a "duty cycle correction factor", derived from $20\log(\text{dwell time}/100 \text{ ms})$, in an effort to demonstrate compliance with the 15.209 limit. Submit this data.
- (3) Pre-test under all modes below 1GHz, choose the worst case mode record On the report.

5.7.1 Harmonic and other spurious emissions

9 kHz~30MHz Test result

The Low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not report

30 MHz~1 GHz Spurious Emissions.

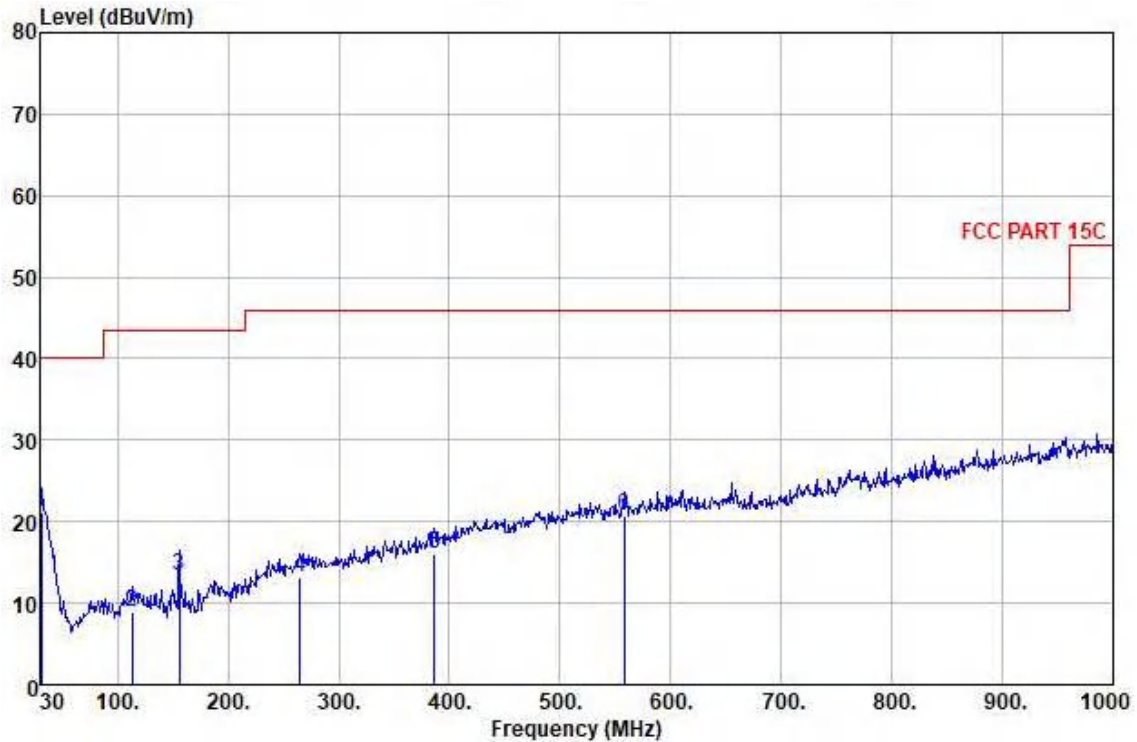
Quasi-Peak Measurement

Model: LSK-JJ-002

Horizontal:

Peak scan

Level (dBμV/m)



Quasi-peak measurement

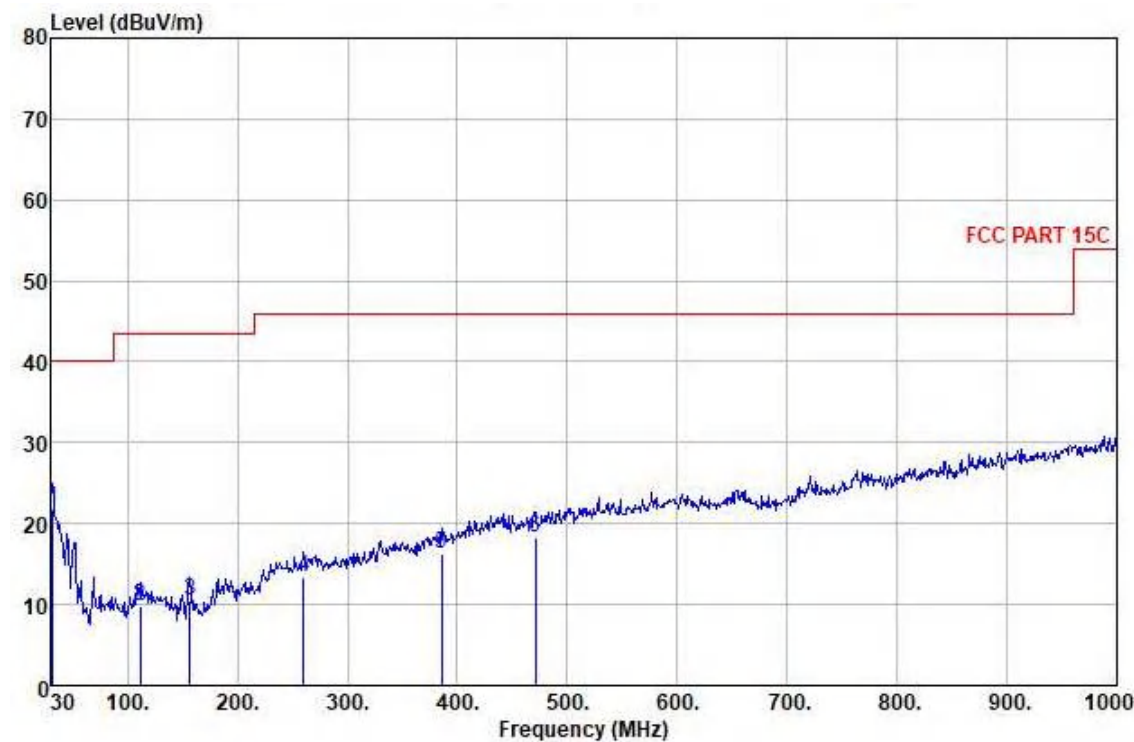
| No. | Freq MHz | Read Level dBμV | Antenna Factor dB | Cable Loss dB | Preamp Factor dB | Level dBμV/m | Limit Line dBμV/m | Over Limit dB | Pol/Phase | Remark |
|-----|-------------|-----------------------|-------------------------|---------------------|------------------------|-----------------|-------------------------|---------------------|------------|--------|
| 1 | 30.970 | 27.11 | 21.91 | 0.61 | 28.52 | 21.14 | 10.00 | -18.86 | HORIZONTAL | QP |
| 2 | 113.420 | 26.55 | 9.75 | 1.25 | 28.56 | 8.99 | 13.50 | -34.51 | HORIZONTAL | QP |
| 3 | 156.100 | 32.22 | 8.02 | 1.19 | 28.29 | 13.11 | 13.50 | -30.06 | HORIZONTAL | QP |
| 4 | 261.710 | 25.61 | 12.96 | 1.99 | 27.11 | 13.15 | 16.00 | -32.85 | HORIZONTAL | QP |
| 5 | 386.960 | 26.58 | 15.11 | 2.10 | 28.30 | 16.12 | 16.00 | -29.88 | HORIZONTAL | QP |
| 6 | 557.680 | 28.71 | 17.85 | 2.94 | 28.84 | 20.66 | 16.00 | -25.34 | HORIZONTAL | QP |

Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Vertical:

Peak scan

Level (dBµV/m)



Quasi-peak measurement

| No. | Freq MHz | Read Level dBuV | Antenna Factor dB | Cable Loss dB | Preamp Factor dB | Level dBuV/m | Limit Line dBuV/m | Over Limit dB | Pol/Phase | Remark |
|-----|-------------|-----------------------|-------------------------|---------------------|------------------------|-----------------|-------------------------|---------------------|-----------|--------|
| 1 | 31.940 | 28.56 | 21.22 | 0.65 | 28.54 | 21.89 | -10.00 | -18.11 | VERTICAL | QP |
| 2 | 111.480 | 27.16 | 9.91 | 1.21 | 28.58 | 9.73 | -43.50 | -33.77 | VERTICAL | QP |
| 3 | 157.070 | 29.10 | 8.04 | 1.50 | 28.24 | 10.40 | -43.50 | -33.10 | VERTICAL | QP |
| 4 | 259.890 | 25.97 | 13.10 | 1.97 | 27.60 | 13.44 | -16.00 | -32.56 | VERTICAL | QP |
| 5 | 385.990 | 26.81 | 15.42 | 2.40 | 28.31 | 16.32 | -16.00 | -29.68 | VERTICAL | QP |
| 6 | 471.350 | 27.96 | 16.13 | 2.69 | 28.43 | 18.35 | -16.00 | -27.65 | VERTICAL | QP |

Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

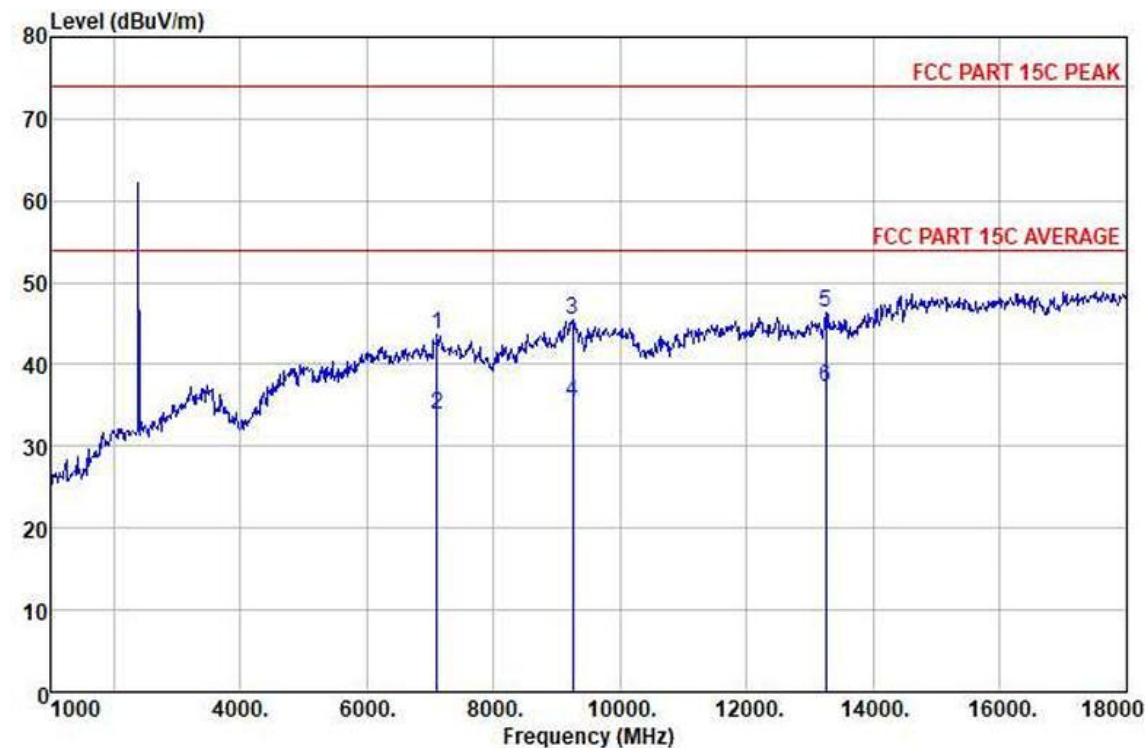
Spurious emissions above 1GHz

Test at low Channel in transmitting status

Horizontal:

Peak scan

Level (dBμV/m)



| Freq MHz | Read Level dBuV | Antenna Factor dB | Cable Loss dB | Preamp Factor dB | Level dBuV/m | Limit Line dBuV/m | Over Limit dB | Pol/Phase | Remark |
|-------------|-----------------------|-------------------------|---------------------|------------------------|-----------------|-------------------------|---------------------|------------|---------|
| 7103.000 | 22.49 | 36.56 | 12.03 | 27.34 | 43.74 | 74.00 | -30.26 | HORIZONTAL | Peak |
| 7103.000 | 12.63 | 36.56 | 12.03 | 27.34 | 33.88 | 74.00 | -40.12 | HORIZONTAL | Average |
| 9245.000 | 19.69 | 38.80 | 14.11 | 27.18 | 45.42 | 74.00 | -28.58 | HORIZONTAL | Peak |
| 9245.000 | 9.81 | 38.80 | 14.11 | 27.18 | 35.54 | 74.00 | -38.46 | HORIZONTAL | Average |
| 13240.000 | 15.04 | 40.36 | 17.38 | 26.40 | 46.38 | 74.00 | -27.62 | HORIZONTAL | Peak |
| 13240.000 | 5.97 | 40.36 | 17.38 | 26.40 | 37.31 | 74.00 | -36.69 | HORIZONTAL | Average |

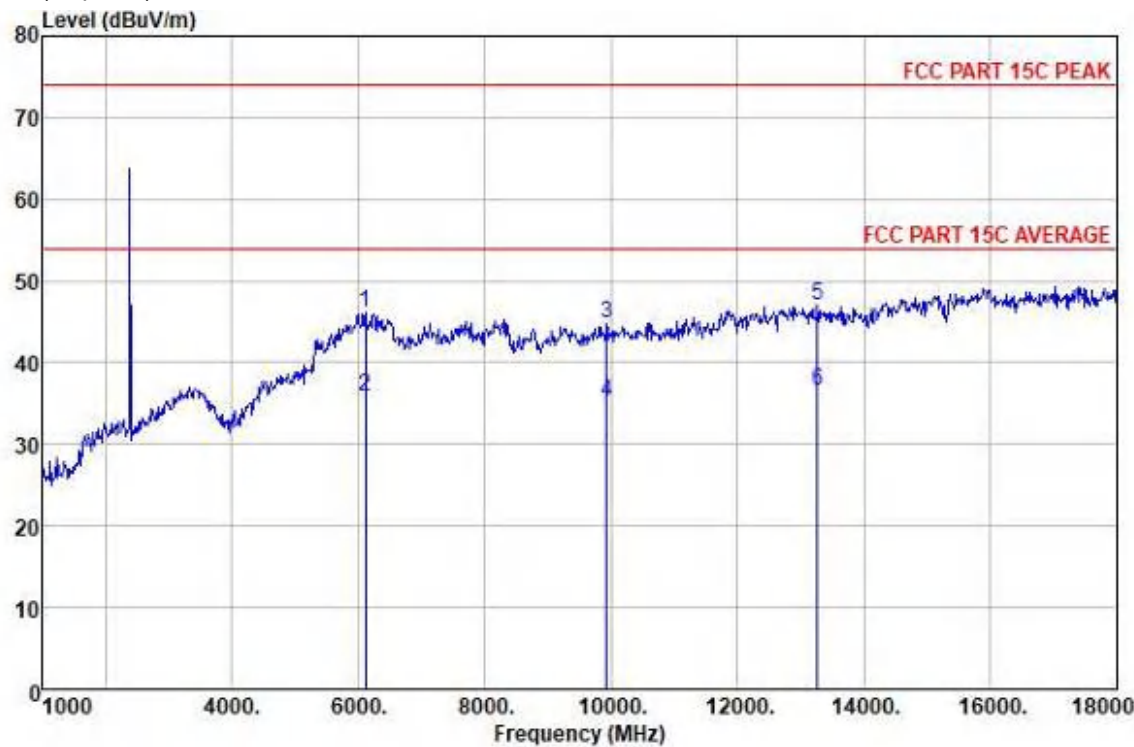
Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Note: The emission above limit is fundamental emission, which is not subject to the limit.

Vertical:

Peak scan

Level (dBμV/m)



| Freq | Read | Antenna | Cable | Preamp | Level | Limit | Over | Pol/Phase | Remark |
|-----------|-------|---------|-------|--------|--------|--------|--------|-----------|---------|
| MHz | Level | Factor | Loss | Factor | dBμV/m | Line | Limit | | |
| | dBμV | dB | dB | dB | | dBμV/m | dB | | |
| 6117.000 | 26.64 | 35.88 | 11.02 | 27.41 | 46.13 | 74.00 | -27.87 | VERTICAL | Peak |
| 6117.000 | 16.10 | 35.88 | 11.02 | 27.41 | 35.89 | 74.00 | -38.11 | VERTICAL | Average |
| 9925.000 | 18.33 | 35.97 | 14.58 | 27.11 | 44.77 | 74.00 | -29.23 | VERTICAL | Peak |
| 9925.000 | 8.74 | 35.97 | 14.58 | 27.11 | 35.18 | 74.00 | -38.82 | VERTICAL | Average |
| 13257.000 | 15.62 | 40.34 | 17.39 | 26.40 | 46.95 | 74.00 | -27.05 | VERTICAL | Peak |
| 13257.000 | 5.27 | 40.34 | 17.39 | 26.40 | 36.60 | 74.00 | -37.40 | VERTICAL | Average |

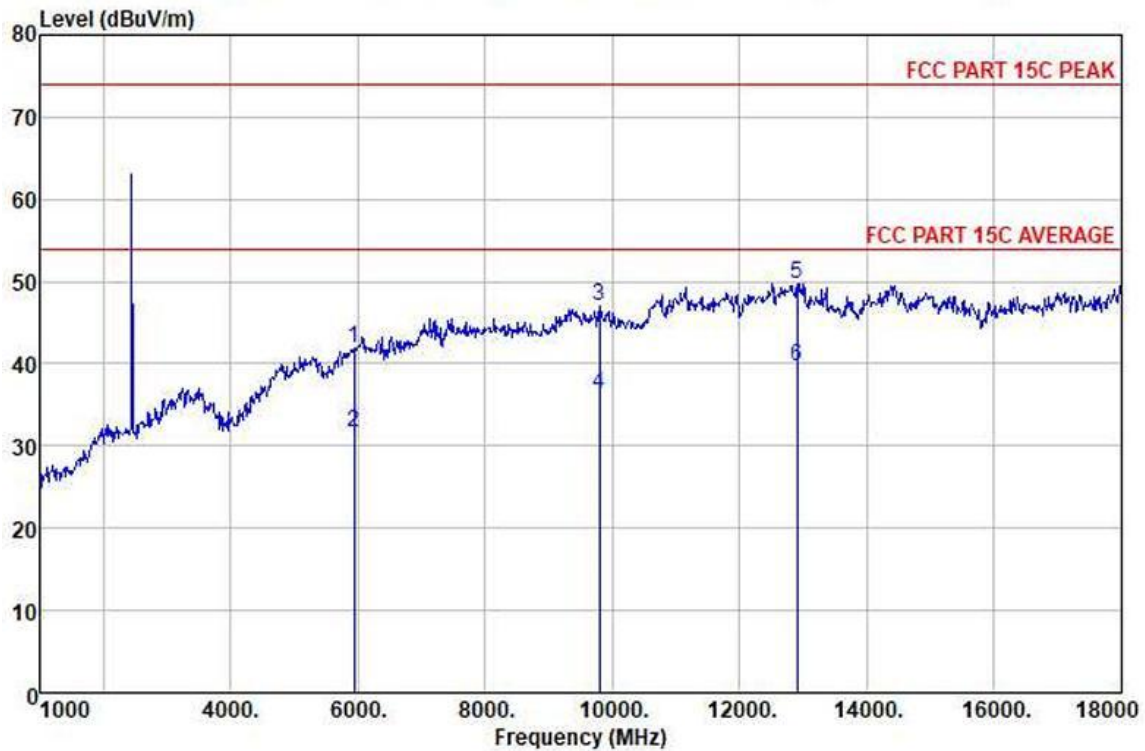
Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Note: The emission above limit is fundamental emission, which is not subject to the limit.

Test at Middle Channel in transmitting status Horizontal:

Peak scan

Level (dBμV/m)



| Freq MHz | Read Level dBuV | Antenna Factor dB | Cable Loss dB | Preamp Factor dB | Level dBuV/m | Limit Line dBuV/m | Over Limit dB | Pol/Phase | Remark |
|-------------|-----------------------|-------------------------|---------------------|------------------------|-----------------|-------------------------|---------------------|------------|---------|
| 5947.000 | 22.81 | 35.78 | 10.84 | 27.43 | 42.00 | 74.00 | -32.00 | HORIZONTAL | Peak |
| 5947.000 | 12.56 | 35.78 | 10.84 | 27.43 | 31.75 | 74.00 | -42.25 | HORIZONTAL | Average |
| 9789.000 | 20.66 | 38.92 | 14.50 | 27.12 | 46.96 | 74.00 | -27.04 | HORIZONTAL | Peak |
| 9789.000 | 10.08 | 38.92 | 14.50 | 27.12 | 36.38 | 74.00 | -37.62 | HORIZONTAL | Average |
| 12900.000 | 18.73 | 40.46 | 17.10 | 26.52 | 49.77 | 74.00 | -24.23 | HORIZONTAL | Peak |
| 12900.000 | 8.69 | 40.46 | 17.10 | 26.52 | 39.73 | 74.00 | -34.27 | HORIZONTAL | Average |

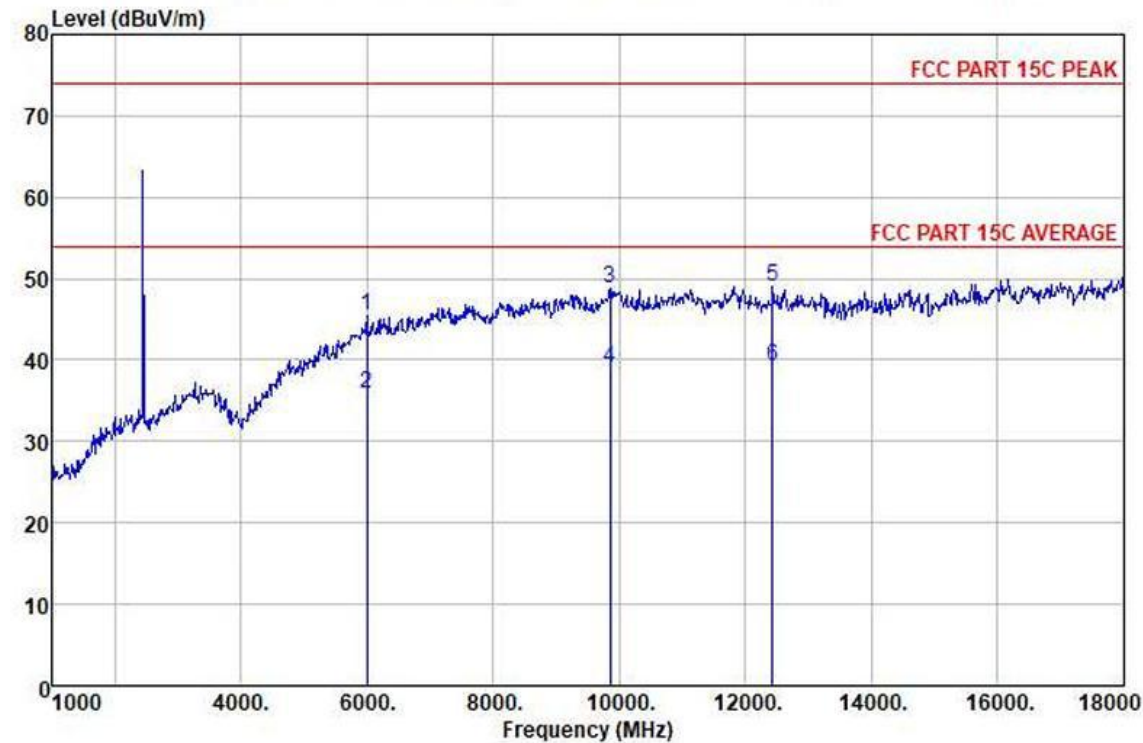
Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Note: The emission above limit is fundamental emission, which is not subject to the limit.

Vertical:

Peak scan

Level (dBμV/m)



| Freq | Read | Antenna | Cable | Preamp | Level | Limit | Over | Pol/Phase | Remark |
|-----------|-------|---------|-------|--------|--------|--------|--------|-----------|---------|
| MHz | Level | Factor | Loss | Factor | dBuV/m | Line | Limit | | |
| | dBuV | dB | dB | dB | | dBuV/m | dB | | |
| 5998.000 | 26.04 | 35.99 | 10.90 | 27.42 | 45.51 | 74.00 | -28.49 | VERTICAL | Peak |
| 5998.000 | 16.39 | 35.99 | 10.90 | 27.42 | 35.86 | 74.00 | -38.14 | VERTICAL | Average |
| 9857.000 | 22.46 | 38.91 | 14.51 | 27.11 | 48.83 | 74.00 | -25.17 | VERTICAL | Peak |
| 9857.000 | 12.65 | 38.91 | 14.51 | 27.11 | 39.02 | 74.00 | -34.98 | VERTICAL | Average |
| 12424.000 | 19.55 | 39.52 | 16.72 | 26.70 | 49.09 | 74.00 | -24.91 | VERTICAL | Peak |
| 12424.000 | 9.60 | 39.52 | 16.72 | 26.70 | 39.14 | 74.00 | -34.86 | VERTICAL | Average |

Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

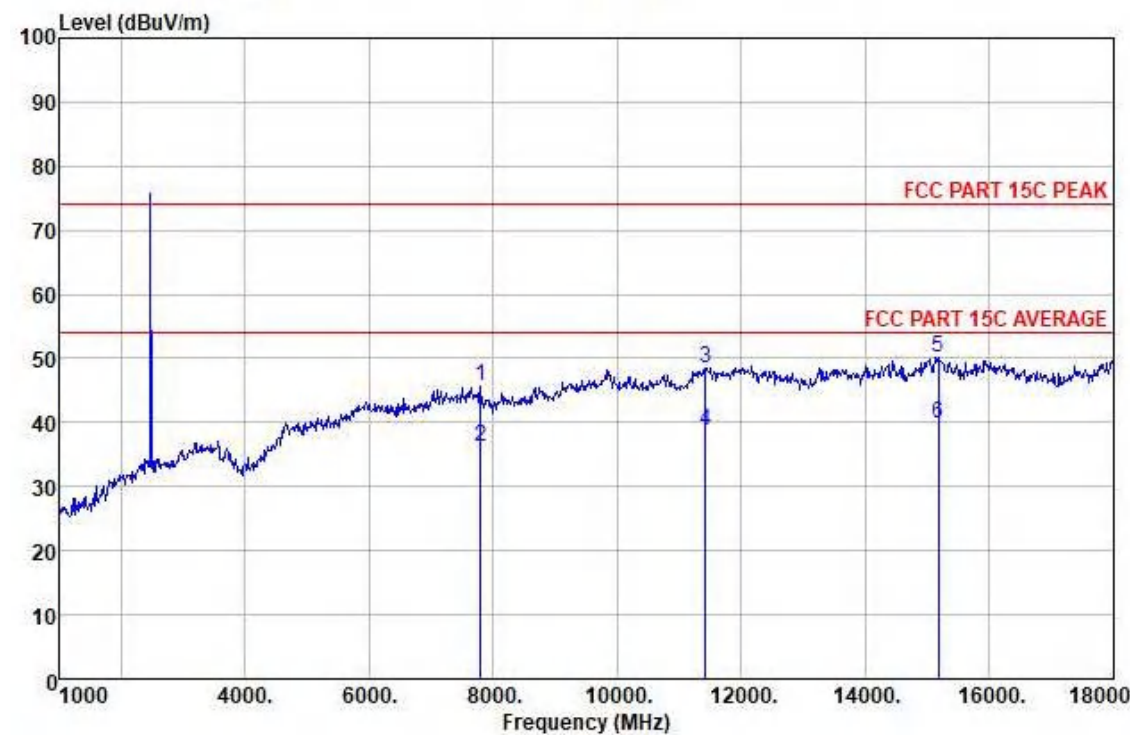
Note: The emission above limit is fundamental emission, which is not subject to the limit.

Test at high Channel in transmitting status

Horizontal:

Peak scan

Level (dBμV/m)



| Freq MHz | Read Level dBuV | Antenna Factor dB | Cable Loss dB | Preamp Factor dB | Level dBuV/m | Limit Line dBuV/m | Over Limit dB | Pol/Phase | Remark |
|-------------|-----------------------|-------------------------|---------------------|------------------------|-----------------|-------------------------|---------------------|------------|---------|
| 7103.000 | 23.84 | 36.56 | 12.03 | 27.34 | 45.09 | 74.00 | -28.91 | HORIZONTAL | Peak |
| 7103.000 | 13.82 | 36.56 | 12.03 | 27.34 | 35.07 | 74.00 | -38.93 | HORIZONTAL | Average |
| 11421.000 | 20.05 | 39.54 | 15.89 | 26.98 | 48.50 | 74.00 | -25.50 | HORIZONTAL | Peak |
| 11421.000 | 10.34 | 39.54 | 15.89 | 26.98 | 38.79 | 74.00 | -35.21 | HORIZONTAL | Average |
| 15178.000 | 17.46 | 39.85 | 18.88 | 26.04 | 50.15 | 74.00 | -23.85 | HORIZONTAL | Peak |
| 15178.000 | 7.18 | 39.85 | 18.88 | 26.04 | 39.87 | 74.00 | -34.13 | HORIZONTAL | Average |

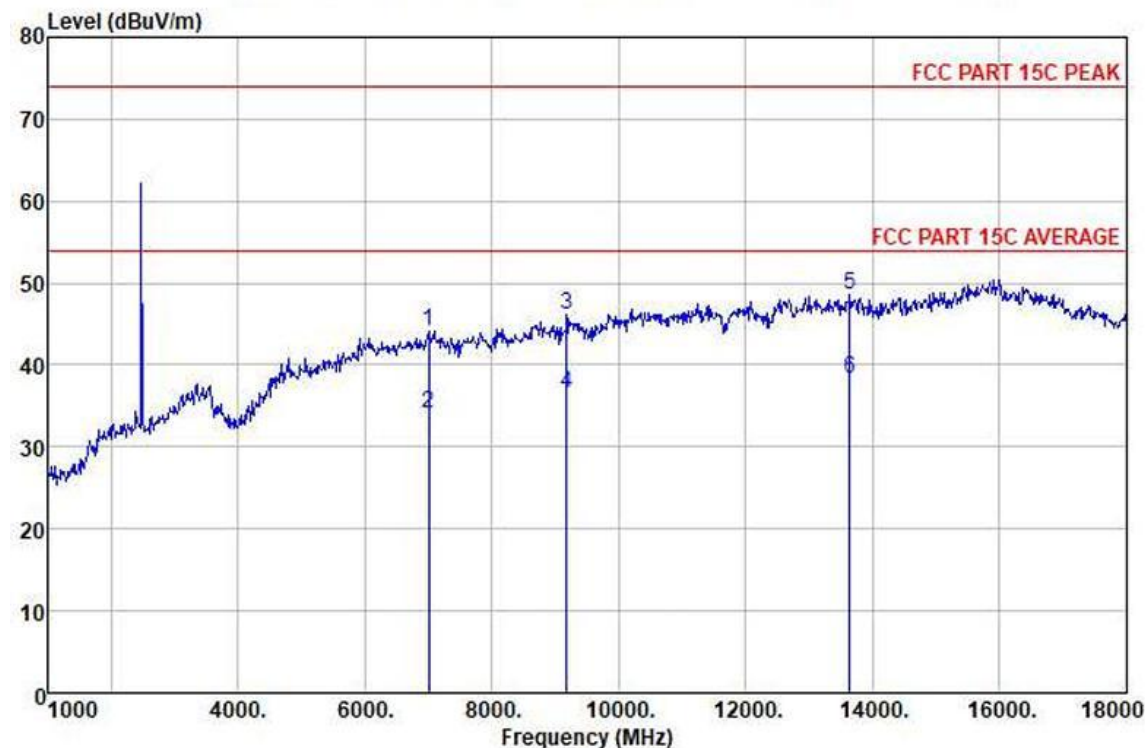
Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Note: The emission above limit is fundamental emission, which is not subject to the limit.

Vertical:

Peak scan

Level (dBμV/m)



| Freq MHz | Read Level dBuV | Antenna Factor dB | Cable Loss dB | Preamp Factor dB | Level dBuV/m | Limit Line dBuV/m | Over Limit dB | Pol/Phase | Remark |
|-------------|-----------------------|-------------------------|---------------------|------------------------|-----------------|-------------------------|---------------------|-----------|---------|
| 7001.000 | 23.15 | 36.40 | 11.93 | 27.34 | 44.14 | 74.00 | -29.86 | VERTICAL | Peak |
| 7001.000 | 13.07 | 36.40 | 11.93 | 27.34 | 34.06 | 74.00 | -39.94 | VERTICAL | Average |
| 9177.000 | 20.36 | 38.80 | 14.05 | 27.19 | 46.02 | 74.00 | -27.98 | VERTICAL | Peak |
| 9177.000 | 10.78 | 38.80 | 14.05 | 27.19 | 36.41 | 74.00 | -37.56 | VERTICAL | Average |
| 13631.000 | 17.41 | 39.79 | 17.69 | 26.29 | 48.60 | 74.00 | -25.40 | VERTICAL | Peak |
| 13631.000 | 7.17 | 39.79 | 17.69 | 26.29 | 38.36 | 74.00 | -35.64 | VERTICAL | Average |

Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

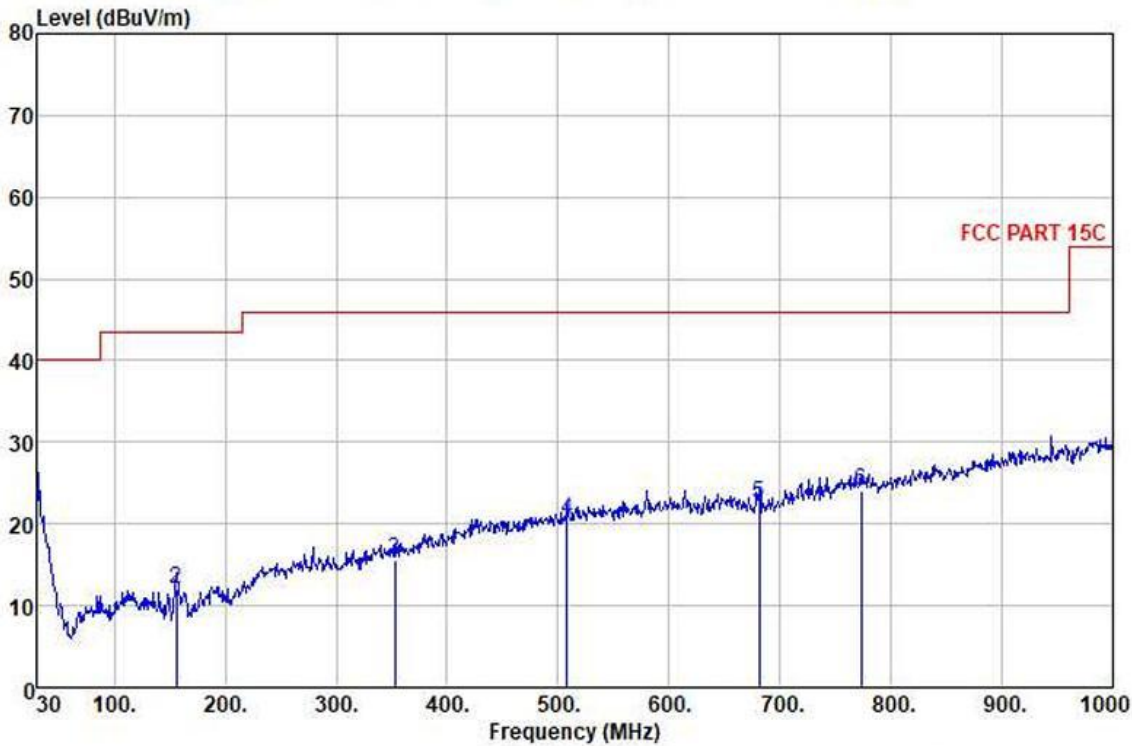
Note: The emission above limit is fundamental emission, which is not subject to the limit.

Model: LSK-JJ-003

Horizontal:

Peak scan

Level (dBμV/m)



Quasi-peak measurement

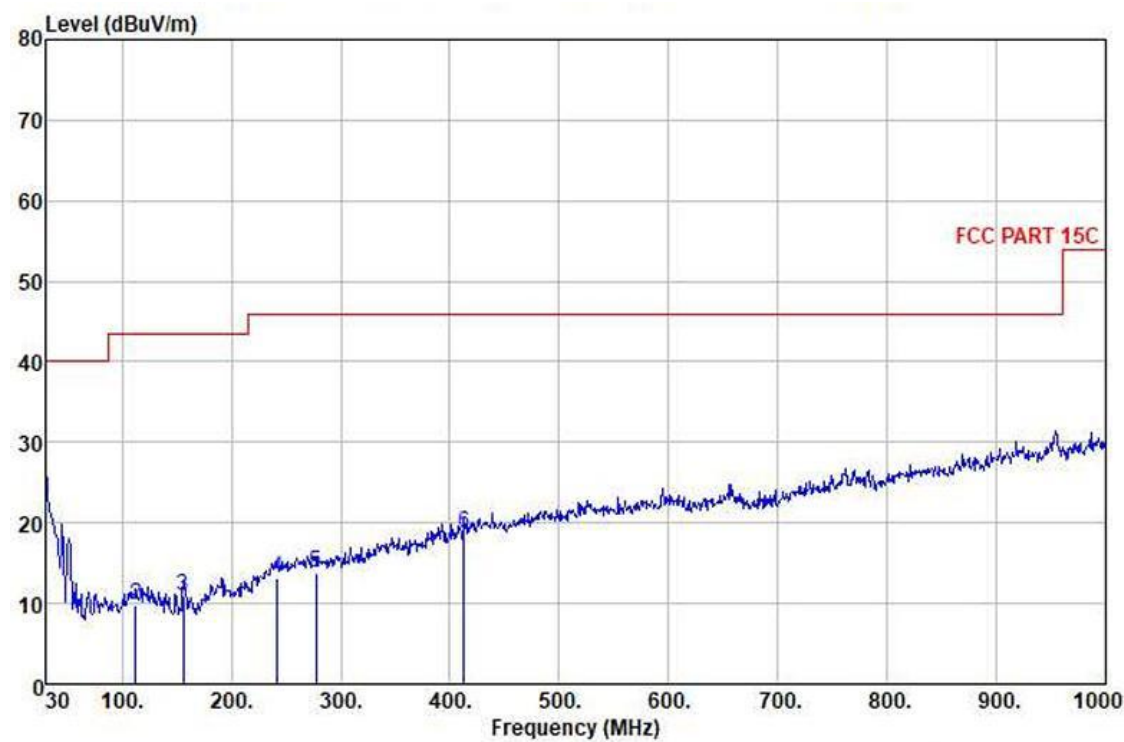
| No. | Freq MHz | Read Level dBuV | Antenna Factor dB | Cable Loss dB | Preamp Factor dB | Level dBuV/m | Limit Line dBuV/m | Over Limit dB | Pol/Phase | Remark |
|-----|-------------|-----------------------|-------------------------|---------------------|------------------------|-----------------|-------------------------|---------------------|------------|--------|
| 1 | 30.000 | 28.95 | 22.60 | 0.63 | 28.50 | 23.68 | 40.00 | -16.32 | HORIZONTAL | QP |
| 2 | 156.100 | 30.91 | 8.02 | 1.49 | 28.29 | 12.13 | 43.50 | -31.37 | HORIZONTAL | QP |
| 3 | 353.010 | 26.56 | 14.29 | 2.29 | 27.44 | 15.70 | 46.00 | -30.30 | HORIZONTAL | QP |
| 4 | 508.210 | 29.32 | 17.01 | 2.80 | 28.73 | 20.40 | 46.00 | -25.60 | HORIZONTAL | QP |
| 5 | 680.870 | 28.41 | 19.41 | 3.28 | 28.65 | 22.45 | 46.00 | -23.55 | HORIZONTAL | QP |
| 6 | 773.020 | 27.19 | 20.83 | 3.50 | 27.41 | 24.11 | 46.00 | -21.89 | HORIZONTAL | QP |

Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Vertical:

Peak scan

Level (dBμV/m)



Quasi-peak measurement

| No. | Freq MHz | Read Level dBuV | Antenna Factor dB | Cable Loss dB | Preamp Factor dB | Level dBuV/m | Limit dBuV/m | Over Limit dB | Pol/Phase | Remark |
|-----|-------------|-----------------------|-------------------------|---------------------|------------------------|-----------------|-----------------|---------------------|-----------|--------|
| 1 | 30.000 | 28.13 | 22.60 | 0.63 | 28.50 | 22.86 | 40.00 | -17.14 | VERTICAL | QP |
| 2 | 112.450 | 27.35 | 9.83 | 1.25 | 28.57 | 9.86 | 43.50 | -33.64 | VERTICAL | QP |
| 3 | 156.100 | 29.66 | 8.02 | 1.49 | 28.29 | 10.88 | 43.50 | -32.62 | VERTICAL | QP |
| 4 | 242.430 | 26.97 | 12.60 | 1.90 | 27.22 | 13.25 | 46.00 | -32.75 | VERTICAL | QP |
| 5 | 277.350 | 26.31 | 13.09 | 2.03 | 27.57 | 13.86 | 46.00 | -32.14 | VERTICAL | QP |
| 6 | 413.150 | 28.71 | 15.77 | 2.50 | 28.15 | 18.83 | 46.00 | -27.17 | VERTICAL | QP |

Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

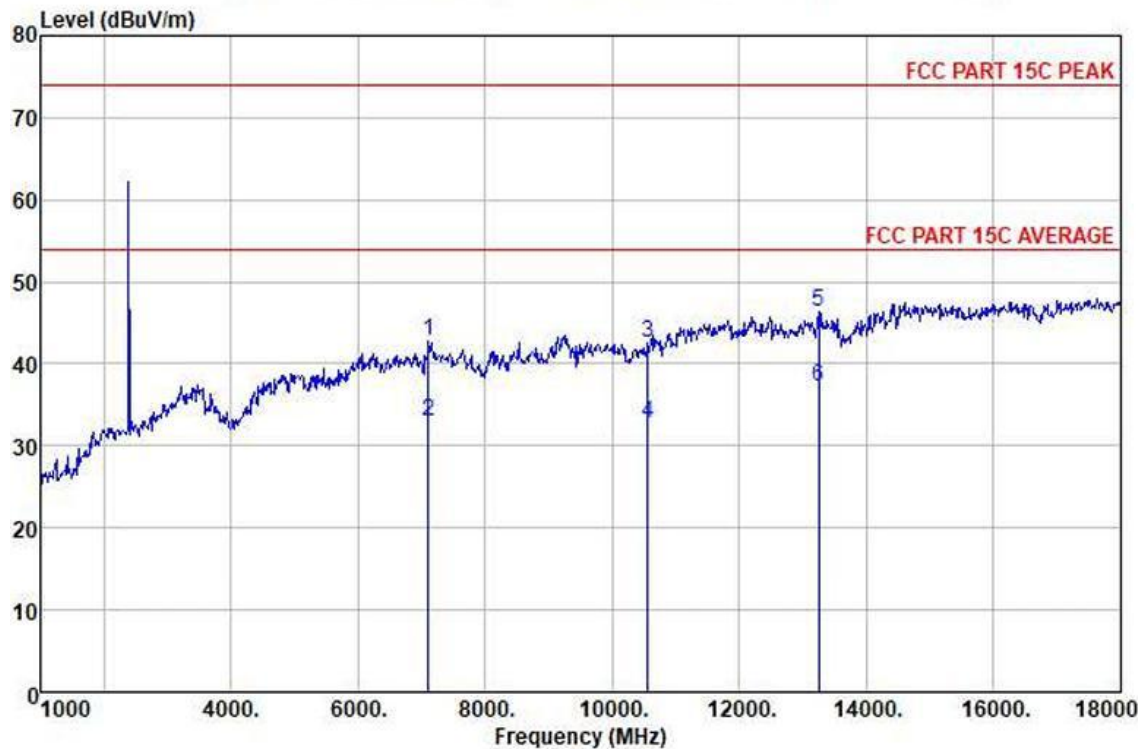
Spurious emissions above 1GHz

Test at low Channel in transmitting status

Horizontal:

Peak scan

Level (dBμV/m)



| Freq MHz | Read Level dBuV | Antenna Factor dB | Cable Loss dB | Preamp Factor dB | Level dBuV/m | Limit Line dBuV/m | Over Limit dB | Pol/Phase | Remark |
|-------------|-----------------------|-------------------------|---------------------|------------------------|-----------------|-------------------------|---------------------|------------|---------|
| 7103.000 | 21.49 | 36.56 | 12.03 | 27.31 | 42.74 | 74.00 | -31.26 | HORIZONTAL | Peak |
| 7103.000 | 11.63 | 36.56 | 12.03 | 27.31 | 32.88 | 74.00 | -41.12 | HORIZONTAL | Average |
| 10554.000 | 15.93 | 38.66 | 15.13 | 27.07 | 42.65 | 74.00 | -31.35 | HORIZONTAL | Peak |
| 10554.000 | 5.96 | 38.66 | 15.13 | 27.07 | 32.68 | 74.00 | -41.32 | HORIZONTAL | Average |
| 13240.000 | 15.01 | 40.36 | 17.38 | 26.40 | 46.38 | 74.00 | -27.62 | HORIZONTAL | Peak |
| 13240.000 | 5.97 | 40.36 | 17.38 | 26.40 | 37.31 | 74.00 | -36.69 | HORIZONTAL | Average |

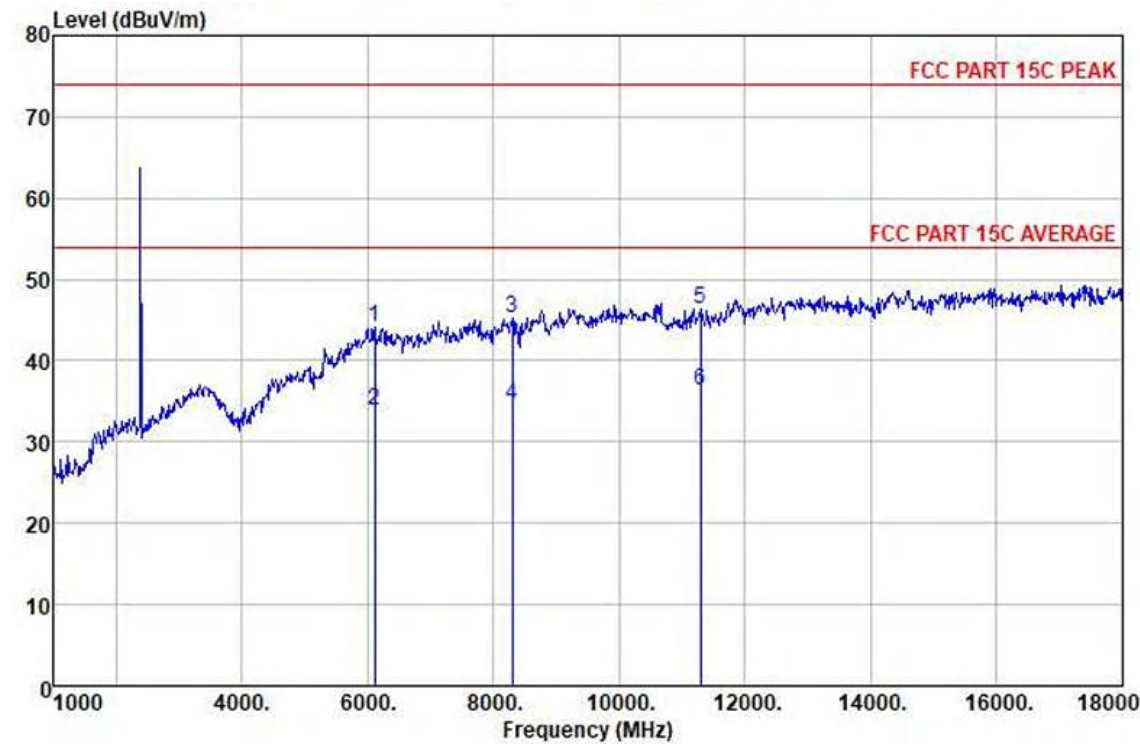
Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Note: The emission above limit is fundamental emission, which is not subject to the limit.

Vertical:

Peak scan

Level (dBμV/m)



| Freq MHz | Read Level dBuV | Antenna Factor dB | Cable Loss dB | Preamp Factor dB | Level dBuV/m | Limit Line dBuV/m | Over Limit dB | Pol/Phase | Remark |
|-------------|-----------------------|-------------------------|---------------------|------------------------|-----------------|-------------------------|---------------------|-----------|---------|
| 6117.000 | 24.64 | 35.88 | 11.02 | 27.41 | 44.13 | 74.00 | -29.87 | VERTICAL | Peak |
| 6117.000 | 14.40 | 35.88 | 11.02 | 27.41 | 33.89 | 74.00 | -40.11 | VERTICAL | Average |
| 8293.000 | 21.89 | 37.47 | 13.20 | 27.27 | 45.29 | 74.00 | -28.71 | VERTICAL | Peak |
| 8293.000 | 11.24 | 37.47 | 13.20 | 27.27 | 34.64 | 74.00 | -39.36 | VERTICAL | Average |
| 11285.000 | 18.15 | 39.43 | 15.79 | 27.00 | 46.37 | 74.00 | -27.63 | VERTICAL | Peak |
| 11285.000 | 8.15 | 39.43 | 15.79 | 27.00 | 36.37 | 74.00 | -37.63 | VERTICAL | Average |

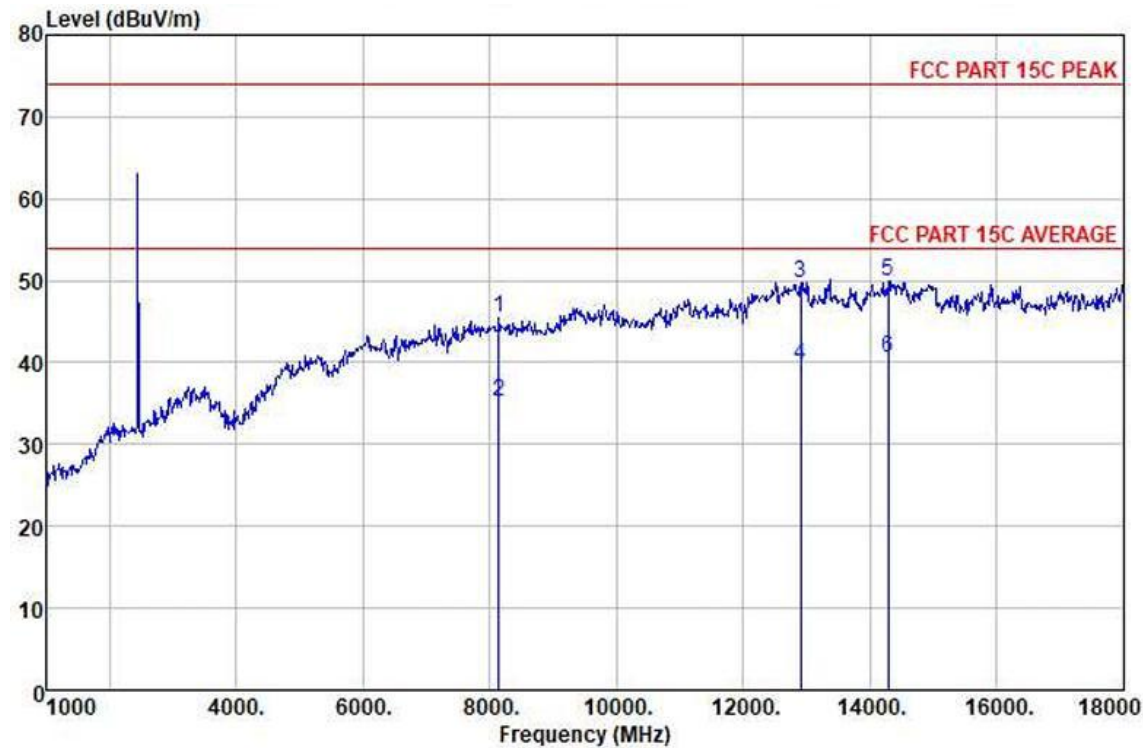
Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Note: The emission above limit is fundamental emission, which is not subject to the limit.

Test at Middle Channel in transmitting status Horizontal:

Peak scan

Level (dBμV/m)

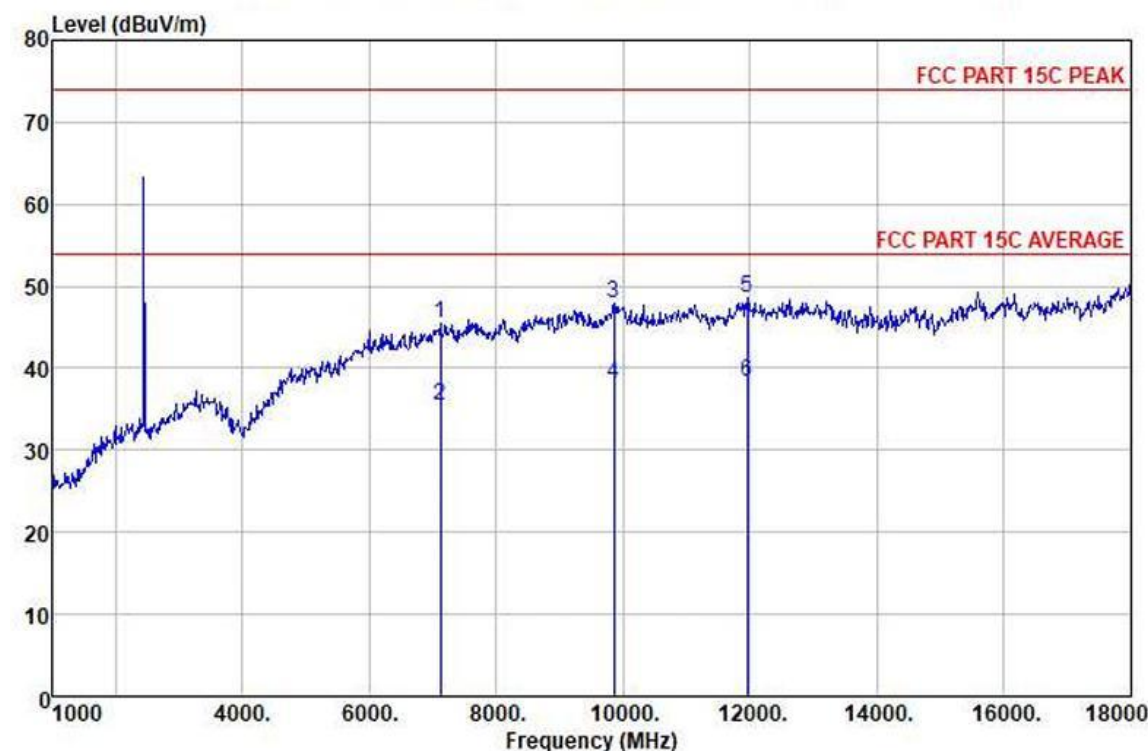


| Freq | Read | Antenna | Cable | Preamp | Level | Limit | Over | Pol/Phase | Remark |
|-----------|-------|---------|-------|--------|--------|--------|--------|------------|---------|
| MHz | Level | Factor | Loss | Factor | dBuV/m | Line | Limit | | |
| | dBuV | dB | dB | dB | | dBuV/m | dB | | |
| 8140.000 | 22.51 | 37.22 | 13.05 | 27.29 | 45.49 | 74.00 | -28.51 | HORIZONTAL | Peak |
| 8140.000 | 12.32 | 37.22 | 13.05 | 27.29 | 35.30 | 74.00 | -38.70 | HORIZONTAL | Average |
| 12900.000 | 18.73 | 40.46 | 17.10 | 26.52 | 49.77 | 74.00 | -24.23 | HORIZONTAL | Peak |
| 12900.000 | 8.69 | 40.46 | 17.10 | 26.52 | 39.73 | 74.00 | -34.27 | HORIZONTAL | Average |
| 14277.000 | 18.33 | 39.48 | 18.21 | 26.18 | 49.84 | 74.00 | -24.16 | HORIZONTAL | Peak |
| 14277.000 | 8.98 | 39.48 | 18.21 | 26.18 | 40.49 | 74.00 | -33.51 | HORIZONTAL | Average |

Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Note: The emission above limit is fundamental emission, which is not subject to the limit.

Vertical:
Peak scan
Level (dBμV/m)



| Freq MHz | Read Level dBuV | Antenna Factor dB | Cable Loss dB | Preamp Factor dB | Level dBuV/m | Limit Line dBuV/m | Over Limit dB | Pol/Phase | Remark |
|-------------|-----------------------|-------------------------|---------------------|------------------------|-----------------|-------------------------|---------------------|-----------|---------|
| 7120.000 | 24.06 | 36.59 | 12.05 | 27.34 | 45.36 | 74.00 | -28.64 | VERTICAL | Peak |
| 7120.000 | 14.11 | 36.59 | 12.05 | 27.34 | 35.41 | 74.00 | -38.59 | VERTICAL | Average |
| 9857.000 | 21.46 | 38.94 | 14.54 | 27.11 | 47.83 | 74.00 | -26.17 | VERTICAL | Peak |
| 9857.000 | 11.65 | 38.94 | 14.54 | 27.11 | 38.02 | 74.00 | -35.98 | VERTICAL | Average |
| 11948.000 | 19.46 | 39.60 | 16.32 | 26.85 | 48.53 | 74.00 | -25.47 | VERTICAL | Peak |
| 11948.000 | 9.21 | 39.60 | 16.32 | 26.85 | 38.28 | 74.00 | -35.72 | VERTICAL | Average |

Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

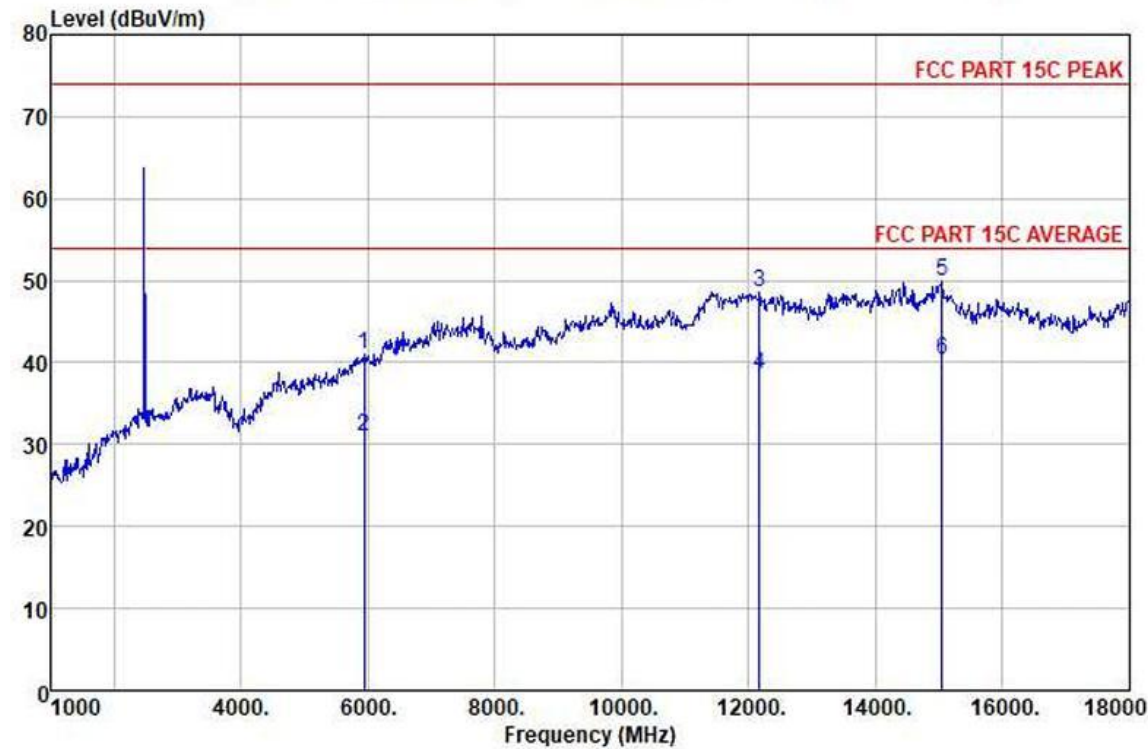
Note: The emission above limit is fundamental emission, which is not subject to the limit.

Test at high Channel in transmitting status

Horizontal:

Peak scan

Level (dBμV/m)



| Freq MHz | Read Level dBuV | Antenna Factor dB | Cable Loss dB | Preamp Factor dB | Level dBuV/m | Limit Line dBuV/m | Over Limit dB | Pol/Phase | Remark |
|-------------|-----------------------|-------------------------|---------------------|------------------------|-----------------|-------------------------|---------------------|------------|---------|
| 5917.000 | 21.86 | 35.78 | 10.84 | 27.43 | 41.05 | 74.00 | -32.95 | HORIZONTAL | Peak |
| 5917.000 | 11.78 | 35.78 | 10.84 | 27.43 | 30.97 | 74.00 | -43.03 | HORIZONTAL | Average |
| 12169.000 | 19.36 | 39.57 | 16.50 | 26.79 | 48.64 | 74.00 | -25.36 | HORIZONTAL | Peak |
| 12169.000 | 9.31 | 39.57 | 16.50 | 26.79 | 38.59 | 74.00 | -35.41 | HORIZONTAL | Average |
| 15012.000 | 17.26 | 40.04 | 18.76 | 26.06 | 50.00 | 74.00 | -24.00 | HORIZONTAL | Peak |
| 15012.000 | 7.52 | 40.04 | 18.76 | 26.06 | 40.26 | 74.00 | -33.74 | HORIZONTAL | Average |

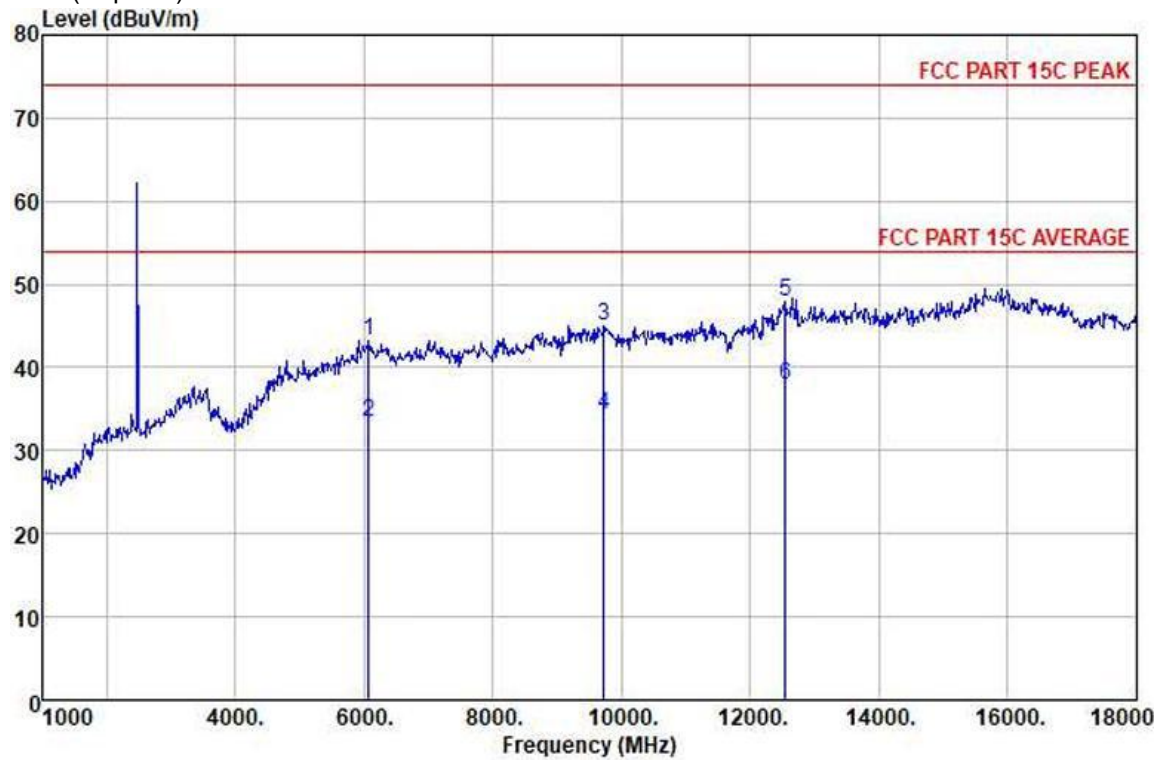
Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Note: The emission above limit is fundamental emission, which is not subject to the limit.

Vertical:

Peak scan

Level (dBμV/m)



| Freq | Read | Antenna | Cable | Preamp | Level | Limit | Over | Pol/Phase | Remark |
|-----------|-------|---------|-------|--------|--------|--------|--------|-----------|---------|
| MHz | Level | Factor | Loss | Factor | dBuV/m | Line | Limit | | |
| | dBuV | dB | dB | dB | | dBuV/m | dB | | |
| 6066.000 | 23.74 | 35.93 | 10.97 | 27.41 | 43.23 | 74.00 | -30.77 | VERTICAL | Peak |
| 6066.000 | 13.86 | 35.93 | 10.97 | 27.41 | 33.35 | 74.00 | -40.65 | VERTICAL | Average |
| 9721.000 | 18.82 | 38.89 | 14.46 | 27.13 | 45.04 | 74.00 | -28.96 | VERTICAL | Peak |
| 9721.000 | 8.17 | 38.89 | 14.46 | 27.13 | 34.39 | 74.00 | -39.61 | VERTICAL | Average |
| 12543.000 | 18.19 | 39.60 | 16.81 | 26.66 | 47.91 | 74.00 | -26.06 | VERTICAL | Peak |
| 12543.000 | 8.21 | 39.60 | 16.81 | 26.66 | 37.96 | 74.00 | -36.04 | VERTICAL | Average |

Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

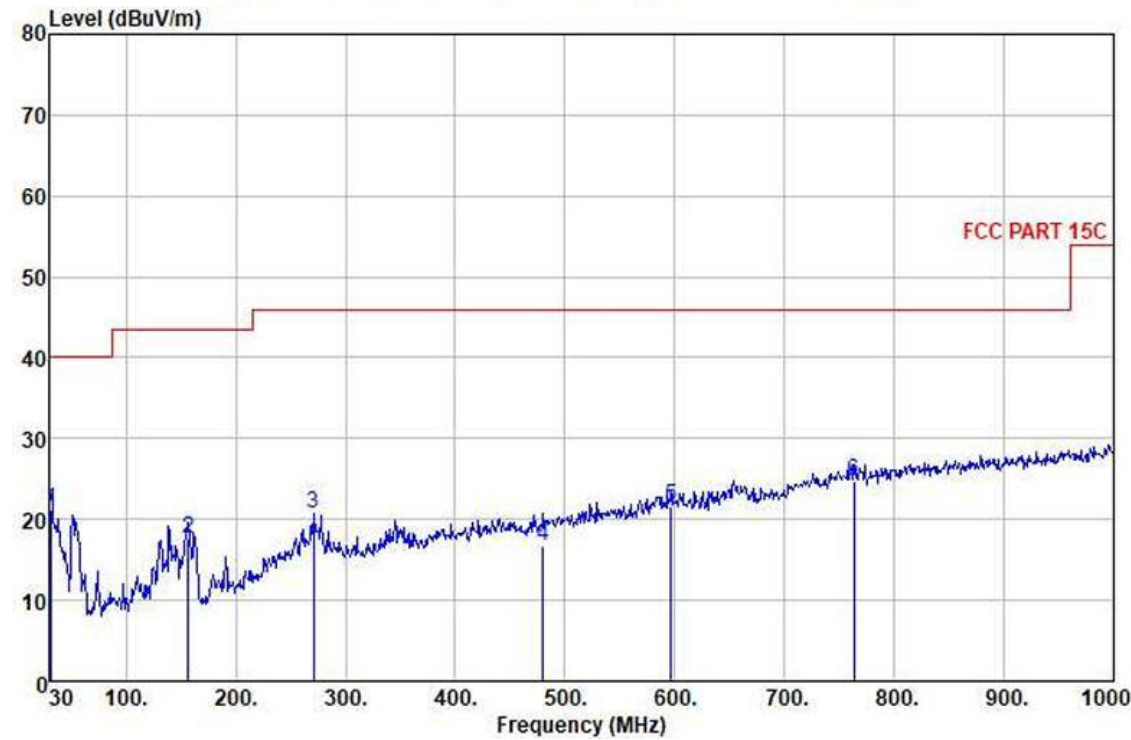
Note: The emission above limit is fundamental emission, which is not subject to the limit.

Model: LSK-JJ-004

Horizontal:

Peak scan

Level (dBμV/m)



Quasi-peak measurement

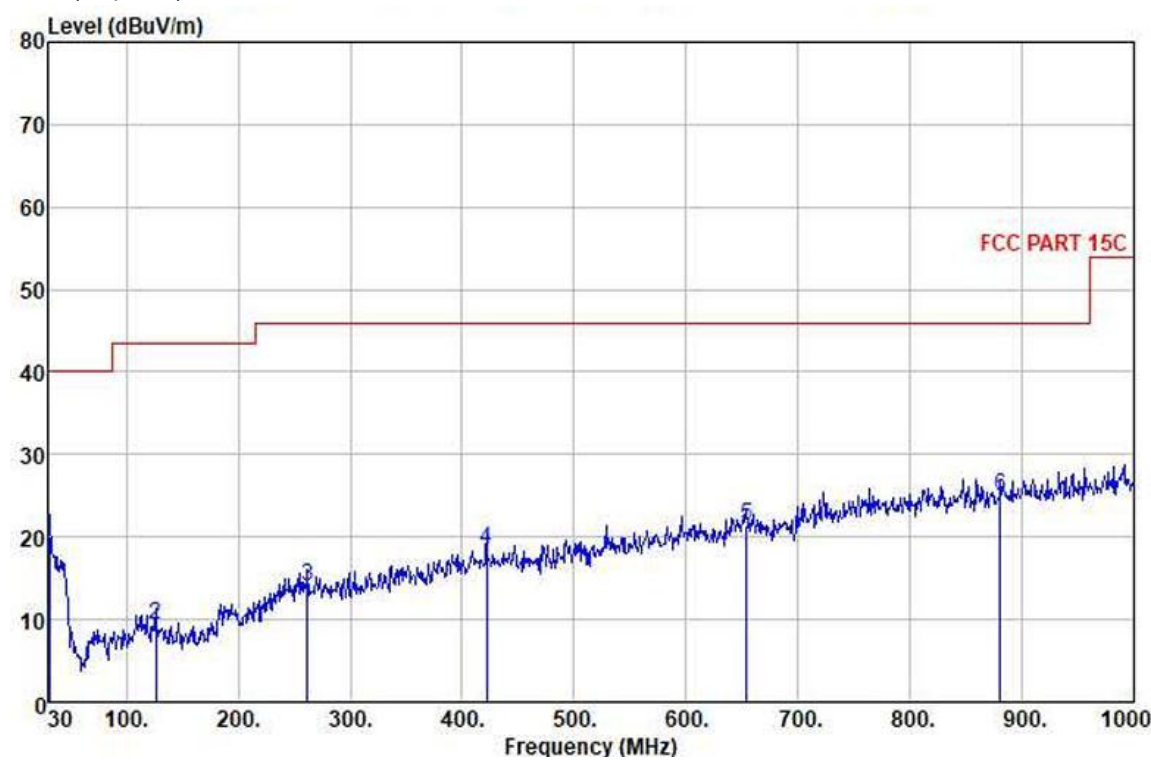
| No. | Freq MHz | Read Level dBuV | Antenna Factor dB | Cable Loss dB | Preamp Factor dB | Level dBuV/m | Limit Line dBuV/m | Over Limit dB | Pol/Phase | Remark |
|-----|-------------|-----------------------|-------------------------|---------------------|------------------------|-----------------|-------------------------|---------------------|------------|--------|
| 1 | 31.940 | 27.84 | 21.22 | 0.65 | 28.54 | 21.17 | 40.00 | -18.83 | HORIZONTAL | QP |
| 2 | 157.070 | 36.28 | 8.04 | 1.50 | 28.24 | 17.58 | 43.50 | -25.92 | HORIZONTAL | QP |
| 3 | 270.560 | 33.05 | 12.82 | 2.01 | 27.23 | 20.65 | 46.00 | -25.35 | HORIZONTAL | QP |
| 4 | 480.080 | 26.11 | 16.30 | 2.72 | 28.48 | 16.65 | 46.00 | -29.35 | HORIZONTAL | QP |
| 5 | 596.480 | 28.38 | 18.48 | 3.05 | 28.27 | 21.64 | 46.00 | -24.36 | HORIZONTAL | QP |
| 6 | 763.320 | 28.03 | 20.73 | 3.47 | 27.45 | 24.78 | 46.00 | -21.22 | HORIZONTAL | QP |

Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Vertical:

Peak scan

Level (dBμV/m)



Quasi-peak measurement

| No. | Freq MHz | Read Level dBμV | Antenna Factor dB | Cable Loss dB | Preamp Factor dB | Level dBμV/m | Limit dBμV/m | Over Limit dB | Pol/Phase | Remark |
|-----|-------------|-----------------------|-------------------------|---------------------|------------------------|-----------------|-----------------|---------------------|-----------|--------|
| 1 | 30.970 | 26.13 | 21.91 | 0.64 | 28.52 | 20.16 | 40.00 | -19.84 | VERTICAL | QP |
| 2 | 126.030 | 27.46 | 9.08 | 1.33 | 28.41 | 9.43 | 43.50 | -34.07 | VERTICAL | QP |
| 3 | 261.830 | 26.59 | 13.05 | 1.98 | 27.53 | 14.09 | 46.00 | -31.91 | VERTICAL | QP |
| 4 | 421.880 | 28.28 | 15.83 | 2.53 | 28.11 | 18.53 | 46.00 | -27.47 | VERTICAL | QP |
| 5 | 653.710 | 27.08 | 19.47 | 3.21 | 28.36 | 21.40 | 46.00 | -24.60 | VERTICAL | QP |
| 6 | 880.690 | 26.52 | 21.92 | 3.75 | 27.20 | 24.99 | 46.00 | -21.01 | VERTICAL | QP |

Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

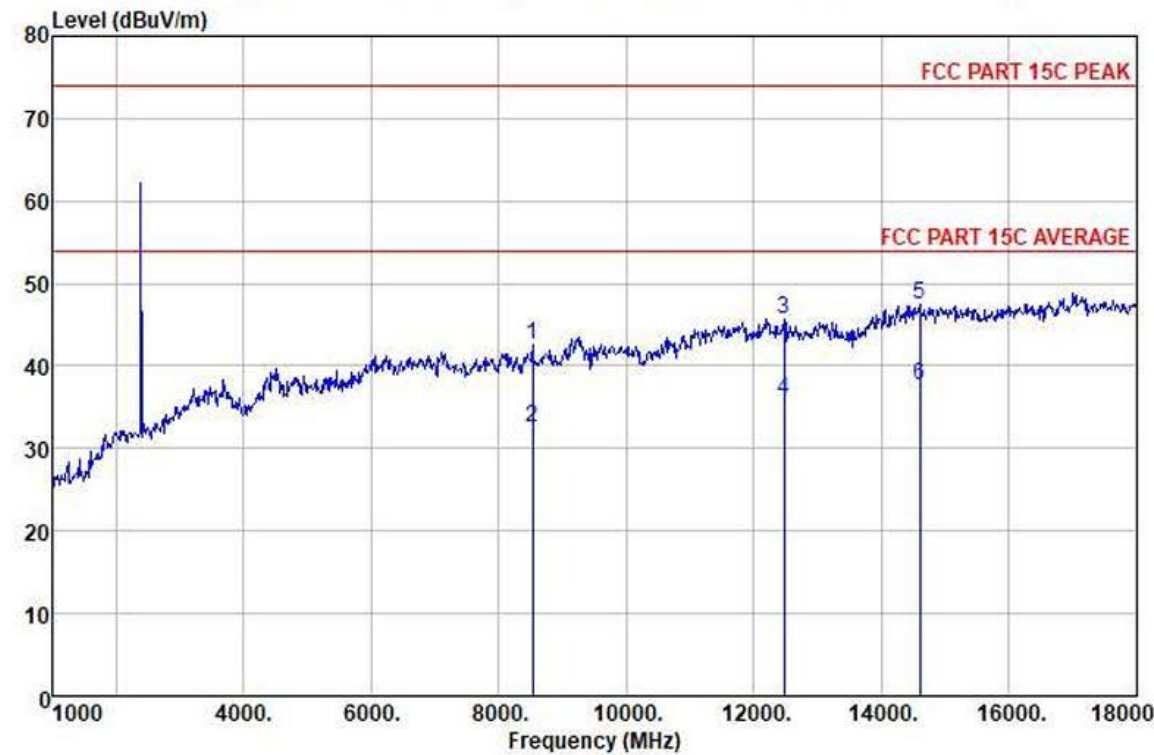
Spurious emissions above 1GHz

Test at low Channel in transmitting status

Horizontal:

Peak scan

Level (dBμV/m)



| Freq | Read | Antenna | Cable | Preamp | Level | Limit | Over | Pol/Phase | Remark |
|-----------|-------|---------|-------|--------|--------|--------|--------|------------|---------|
| MHz | Level | Factor | Loss | Factor | dBuV/m | Line | Limit | | |
| | dBuV | dB | dB | dB | | dBuV/m | dB | | |
| 8531.000 | 18.56 | 37.86 | 13.43 | 27.25 | 42.60 | 74.00 | -31.40 | HORIZONTAL | Peak |
| 8531.000 | 8.48 | 37.86 | 13.43 | 27.25 | 32.52 | 74.00 | -41.48 | HORIZONTAL | Average |
| 12475.000 | 16.09 | 39.51 | 16.76 | 26.69 | 45.67 | 74.00 | -28.33 | HORIZONTAL | Peak |
| 12475.000 | 6.30 | 39.51 | 16.76 | 26.69 | 35.88 | 74.00 | -38.12 | HORIZONTAL | Average |
| 14600.000 | 15.41 | 39.78 | 18.47 | 26.13 | 47.53 | 74.00 | -26.47 | HORIZONTAL | Peak |
| 14600.000 | 5.57 | 39.78 | 18.47 | 26.13 | 37.69 | 74.00 | -36.31 | HORIZONTAL | Average |

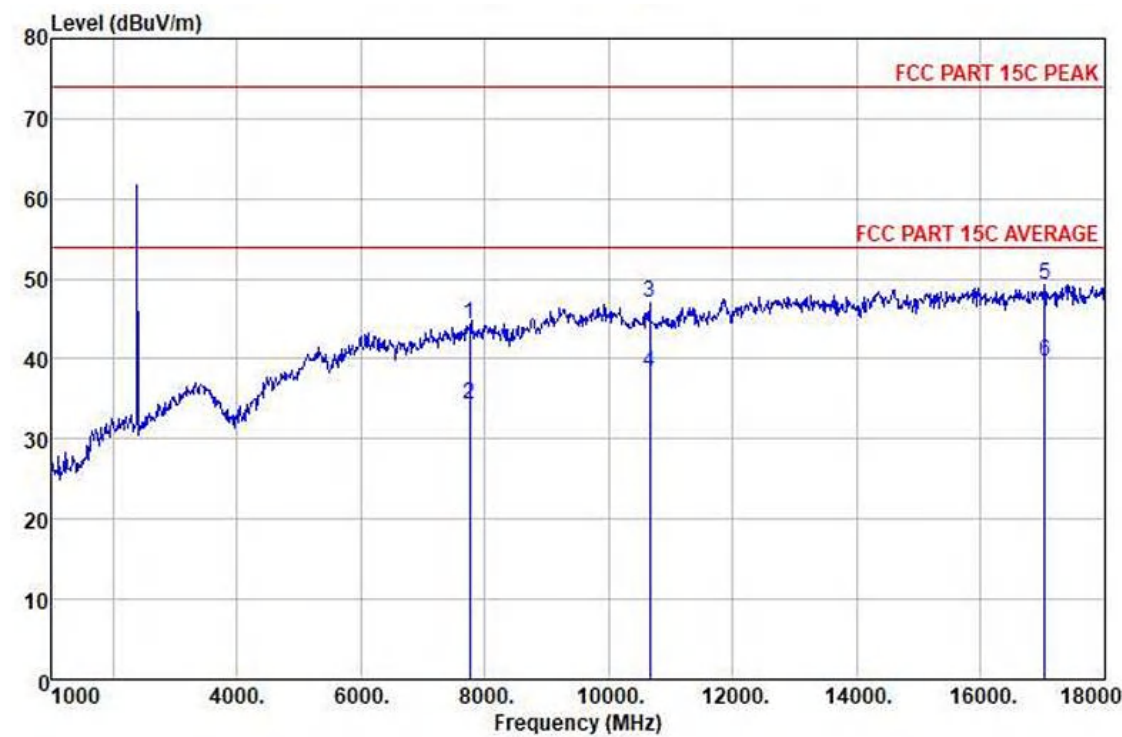
Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Note: The emission above limit is fundamental emission, which is not subject to the limit.

Vertical:

Peak scan

Level (dBμV/m)



| Freq MHz | Read Level dBuV | Antenna Factor dB | Cable Loss dB | Preamp Factor dB | Level dBuV/m | Limit Line dBuV/m | Over Limit dB | Pol/Phase | Remark |
|-------------|-----------------------|-------------------------|---------------------|------------------------|-----------------|-------------------------|---------------------|-----------|---------|
| 7749.000 | 21.87 | 37.10 | 12.66 | 27.31 | 44.32 | 74.00 | -29.68 | VERTICAL | Peak |
| 7749.000 | 11.88 | 37.10 | 12.66 | 27.31 | 34.33 | 74.00 | -39.67 | VERTICAL | Average |
| 10656.000 | 20.03 | 38.79 | 15.23 | 27.06 | 46.99 | 74.00 | -27.01 | VERTICAL | Peak |
| 10656.000 | 11.33 | 38.79 | 15.23 | 27.06 | 38.29 | 74.00 | -35.71 | VERTICAL | Average |
| 17031.000 | 12.42 | 41.79 | 20.34 | 25.40 | 49.15 | 74.00 | -24.85 | VERTICAL | Peak |
| 17031.000 | 2.85 | 41.79 | 20.34 | 25.40 | 39.58 | 74.00 | -34.42 | VERTICAL | Average |

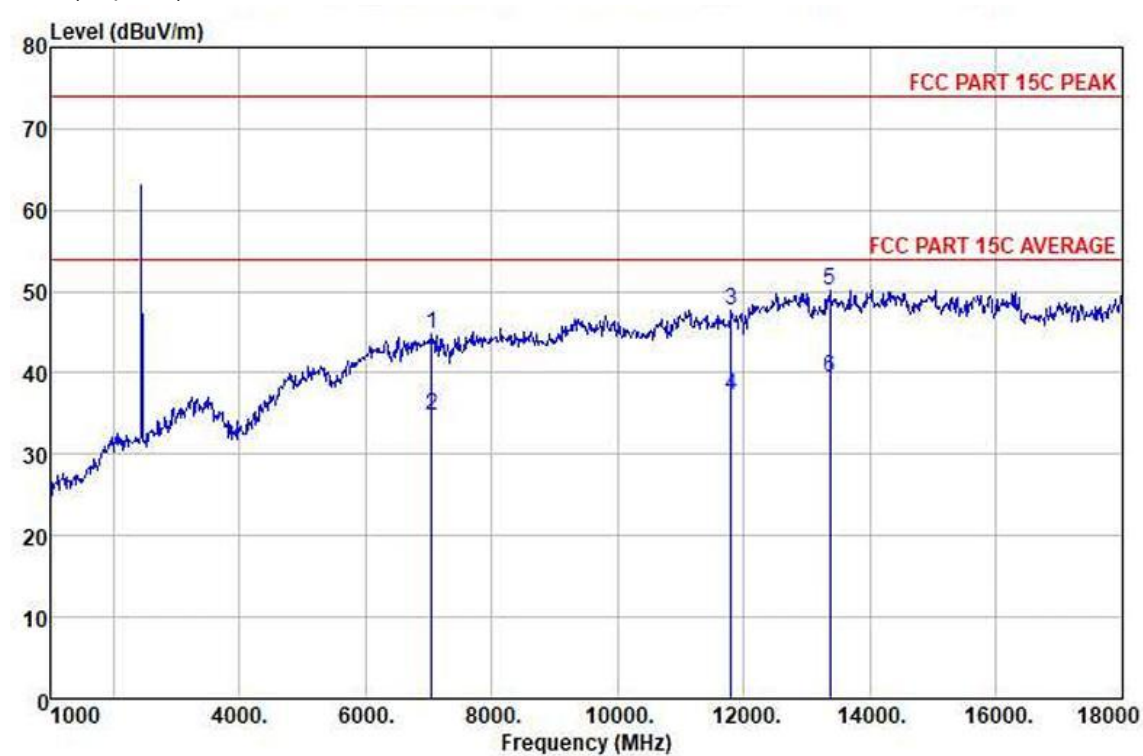
Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Note: The emission above limit is fundamental emission, which is not subject to the limit.

Test at Middle Channel in transmitting status Horizontal:

Peak scan

Level (dBμV/m)



| Freq MHz | Read Level dBuV | Antenna Factor dB | Cable Loss dB | Preamp Factor dB | Level dBuV/m | Limit Line dBuV/m | Over Limit dB | Pol/Phase | Remark |
|-------------|-----------------------|-------------------------|---------------------|------------------------|-----------------|-------------------------|---------------------|------------|---------|
| 7052.000 | 23.77 | 36.48 | 11.98 | 27.34 | 44.89 | 74.00 | -29.11 | HORIZONTAL | Peak |
| 7052.000 | 13.70 | 36.48 | 11.98 | 27.34 | 34.82 | 74.00 | -39.18 | HORIZONTAL | Average |
| 11795.000 | 18.74 | 39.60 | 16.19 | 26.89 | 47.64 | 74.00 | -26.36 | HORIZONTAL | Peak |
| 11795.000 | 8.21 | 39.60 | 16.19 | 26.89 | 37.11 | 74.00 | -36.89 | HORIZONTAL | Average |
| 13359.000 | 18.88 | 40.20 | 17.47 | 26.37 | 50.18 | 74.00 | -23.82 | HORIZONTAL | Peak |
| 13359.000 | 8.13 | 40.20 | 17.47 | 26.37 | 39.43 | 74.00 | -34.57 | HORIZONTAL | Average |

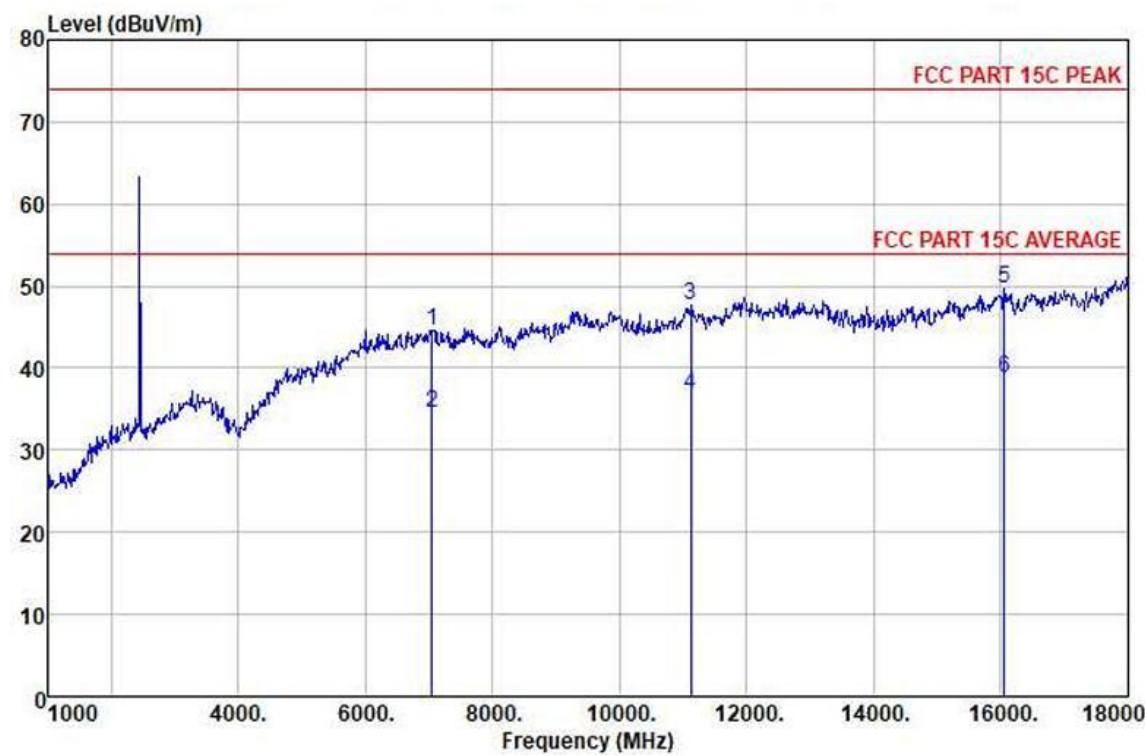
Level=Read Level + Antenna Factor + Cable Loss - Preamplifier Factor

Note: The emission above limit is fundamental emission, which is not subject to the limit.

Vertical:

Peak scan

Level (dBμV/m)



| Freq MHz | Read Level dBuV | Antenna Factor dB | Cable Loss dB | Preamp Factor dB | Level dBuV/m | Limit dBuV/m | Over Limit dB | Pol/Phase | Remark |
|-------------|-----------------------|-------------------------|---------------------|------------------------|-----------------|-----------------|---------------------|-----------|---------|
| 7052.000 | 23.54 | 36.48 | 11.98 | 27.34 | 44.66 | 74.00 | -29.34 | VERTICAL | Peak |
| 7052.000 | 13.48 | 36.48 | 11.98 | 27.34 | 31.60 | 74.00 | -39.40 | VERTICAL | Average |
| 11115.000 | 19.64 | 39.29 | 15.67 | 27.02 | 47.58 | 74.00 | -26.42 | VERTICAL | Peak |
| 11115.000 | 8.87 | 39.29 | 15.67 | 27.02 | 36.81 | 74.00 | -37.19 | VERTICAL | Average |
| 16015.000 | 16.29 | 39.57 | 19.61 | 25.84 | 49.63 | 74.00 | -24.37 | VERTICAL | Peak |
| 16015.000 | 5.36 | 39.57 | 19.61 | 25.84 | 38.70 | 74.00 | -35.30 | VERTICAL | Average |

Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

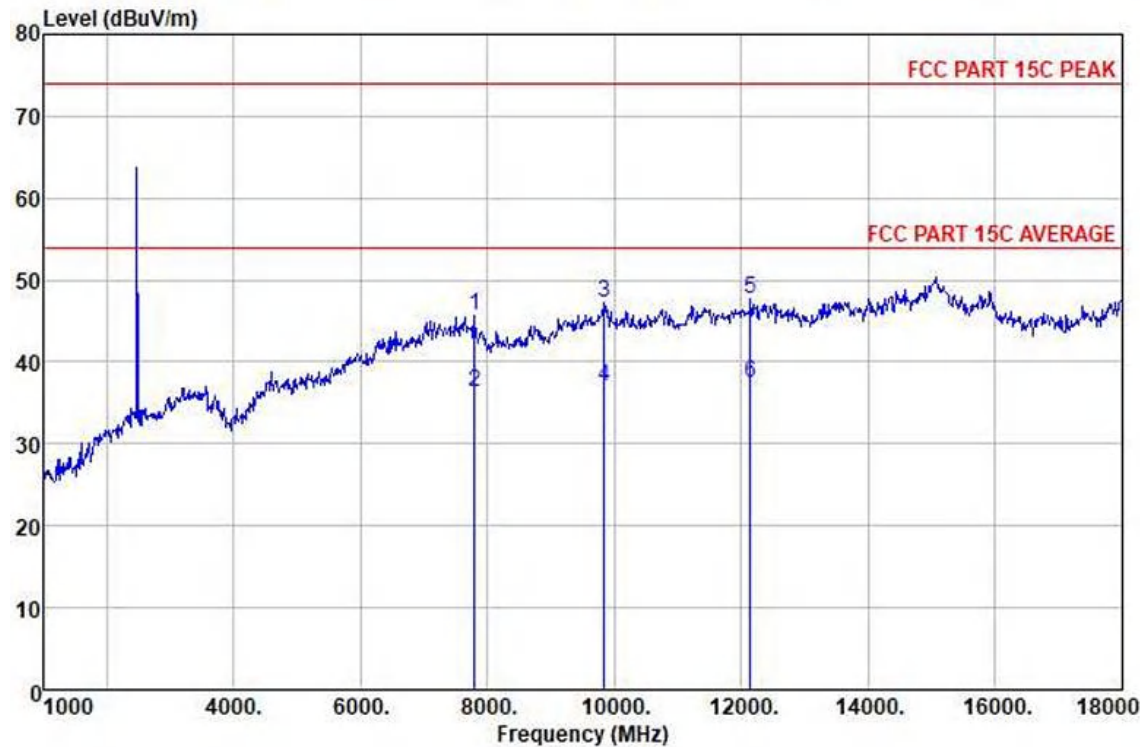
Note: The emission above limit is fundamental emission, which is not subject to the limit.

Test at high Channel in transmitting status

Horizontal:

Peak scan

Level (dBμV/m)



| Freq MHz | Read Level dBuV | Antenna Factor dB | Cable Loss dB | Preamp Factor dB | Level dBuV/m | Limit Line dBuV/m | Over Limit dB | Pol/Phase | Remark |
|-------------|-----------------------|-------------------------|---------------------|------------------------|-----------------|-------------------------|---------------------|------------|---------|
| 7800.000 | 23.22 | 37.08 | 12.71 | 27.31 | 45.70 | 74.00 | -28.30 | HORIZONTAL | Peak |
| 7800.000 | 13.81 | 37.08 | 12.71 | 27.31 | 36.29 | 74.00 | -37.71 | HORIZONTAL | Average |
| 9840.000 | 20.79 | 38.94 | 14.53 | 27.12 | 47.14 | 74.00 | -26.86 | HORIZONTAL | Peak |
| 9840.000 | 10.62 | 38.94 | 14.53 | 27.12 | 36.97 | 74.00 | -37.03 | HORIZONTAL | Average |
| 12135.000 | 18.35 | 39.57 | 16.47 | 26.80 | 47.59 | 74.00 | -26.41 | HORIZONTAL | Peak |
| 12135.000 | 8.16 | 39.57 | 16.47 | 26.80 | 37.40 | 74.00 | -36.60 | HORIZONTAL | Average |

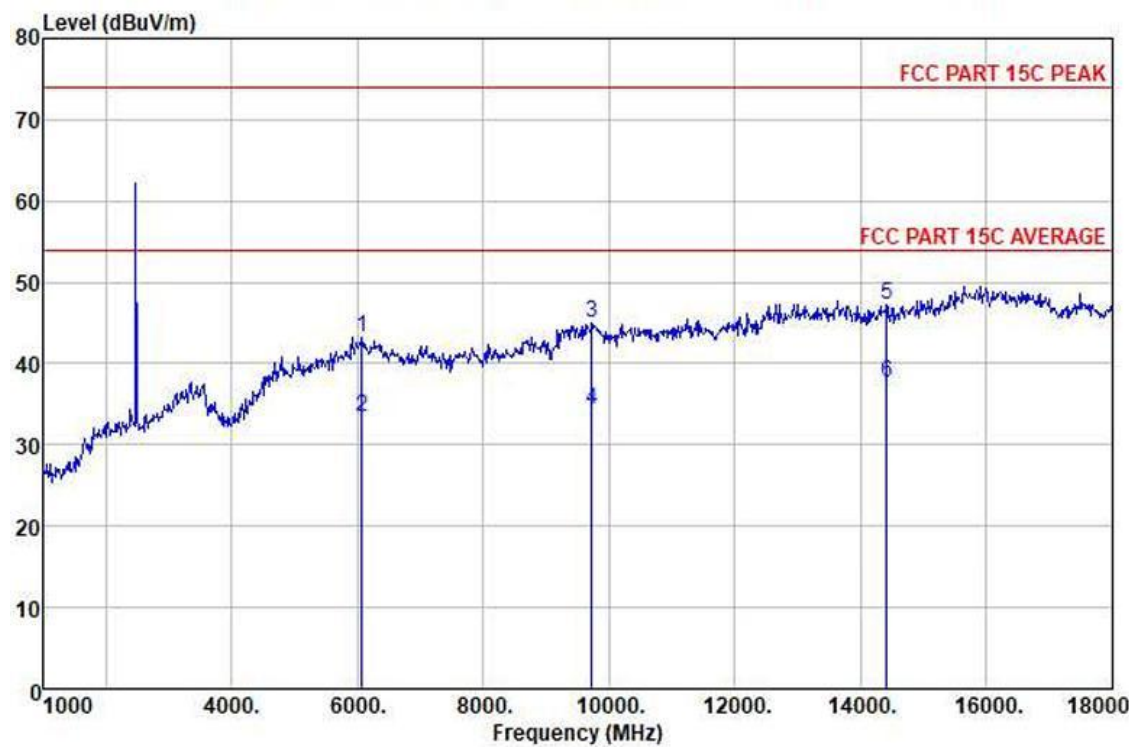
Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Note: The emission above limit is fundamental emission, which is not subject to the limit.

Vertical:

Peak scan

Level (dBμV/m)



| Freq | Read | Antenna | Cable | Preamp | Level | Limit | Over | Pol/Phase | Remark |
|-----------|-------|---------|-------|--------|--------|--------|--------|-----------|---------|
| MHz | Level | Factor | Loss | Factor | dBμV/m | dBμV/m | Limit | | |
| | dBuV | dB | dB | dB | | | dB | | |
| 6066.000 | 23.74 | 35.93 | 10.97 | 27.41 | 43.23 | 74.00 | -30.77 | VERTICAL | Peak |
| 6066.000 | 13.86 | 35.93 | 10.97 | 27.41 | 33.35 | 74.00 | -40.65 | VERTICAL | Average |
| 9721.000 | 18.82 | 38.89 | 14.46 | 27.13 | 45.01 | 74.00 | -28.96 | VERTICAL | Peak |
| 9721.000 | 8.17 | 38.89 | 14.46 | 27.13 | 34.39 | 74.00 | -39.61 | VERTICAL | Average |
| 14413.000 | 15.42 | 39.61 | 18.33 | 26.16 | 47.20 | 74.00 | -26.80 | VERTICAL | Peak |
| 14413.000 | 5.81 | 39.61 | 18.33 | 26.16 | 37.59 | 74.00 | -36.41 | VERTICAL | Average |

Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

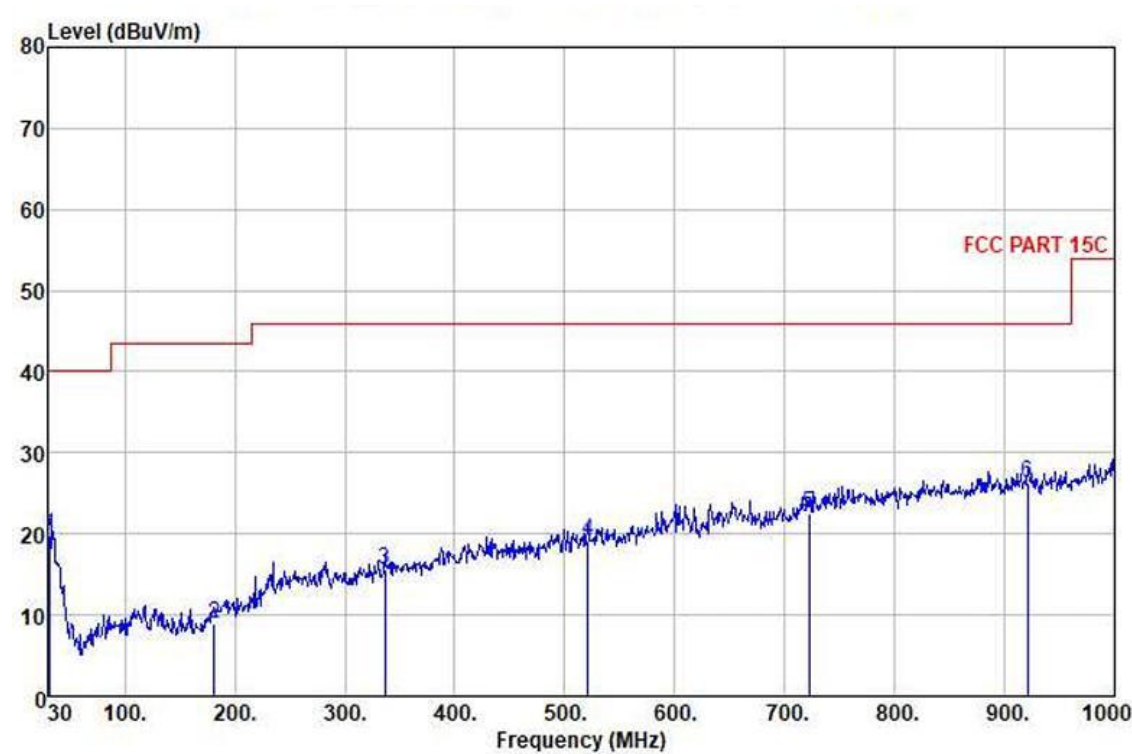
Note: The emission above limit is fundamental emission, which is not subject to the limit.

Model: LSK-JJ-005

Horizontal:

Peak scan

Level (dBμV/m)



Quasi-peak measurement

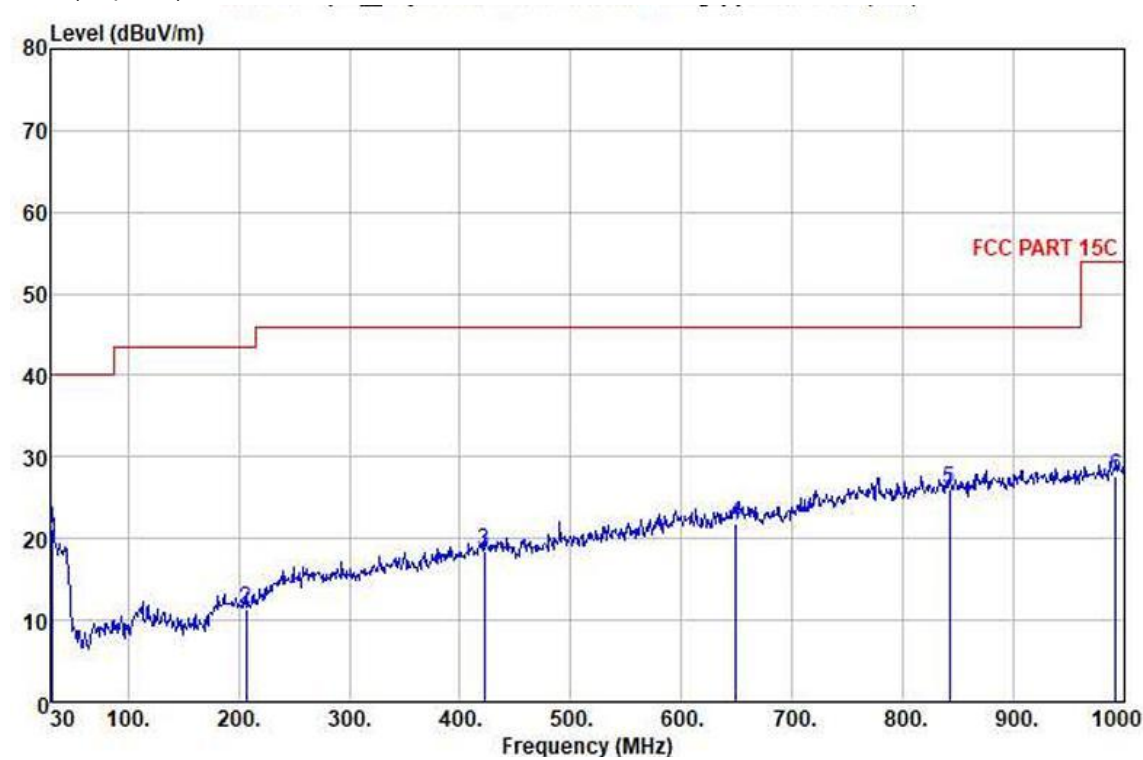
| No. | Freq MHz | Read Level dBuV | Antenna Factor dB | Cable Loss dB | Preamp Factor dB | Level dBuV/m | Limit Line dBuV/m | Over Limit dB | Pol/Phase | Remark |
|-----|-------------|-----------------------|-------------------------|---------------------|------------------------|-----------------|-------------------------|---------------------|------------|--------|
| 1 | 31.940 | 26.40 | 21.22 | 0.65 | 28.51 | 19.73 | 40.00 | -20.27 | HORIZONTAL | QP |
| 2 | 181.320 | 25.45 | 9.59 | 1.62 | 27.77 | 8.89 | 43.50 | -34.61 | HORIZONTAL | QP |
| 3 | 336.520 | 26.99 | 13.81 | 2.24 | 27.41 | 15.63 | 46.00 | -30.37 | HORIZONTAL | QP |
| 4 | 520.820 | 27.71 | 17.31 | 2.83 | 28.63 | 19.22 | 46.00 | -26.78 | HORIZONTAL | QP |
| 5 | 722.580 | 26.83 | 19.96 | 3.38 | 27.69 | 22.48 | 46.00 | -23.52 | HORIZONTAL | QP |
| 6 | 920.460 | 27.38 | 22.50 | 3.84 | 27.36 | 26.36 | 46.00 | -19.64 | HORIZONTAL | QP |

Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Vertical:

Peak scan

Level (dBμV/m)



Quasi-peak measurement

| No. | Freq MHz | Read Level dBμV | Antenna Factor dB | Cable Loss dB | Preamp Factor dB | Level dBμV/m | Limit Line dBμV/m | Over Limit dB | Pol/Phase | Remark |
|-----|-------------|-----------------------|-------------------------|---------------------|------------------------|-----------------|-------------------------|---------------------|-----------|--------|
| 1 | 30.970 | 27.17 | 21.91 | 0.64 | 28.52 | 21.20 | 40.00 | -18.80 | VERTICAL | QP |
| 2 | 206.510 | 27.30 | 10.00 | 1.73 | 27.64 | 11.39 | 43.50 | -32.11 | VERTICAL | QP |
| 3 | 421.880 | 28.28 | 15.83 | 2.53 | 28.11 | 18.53 | 46.00 | -27.47 | VERTICAL | QP |
| 4 | 648.860 | 27.60 | 19.38 | 3.20 | 28.31 | 21.87 | 46.00 | -24.13 | VERTICAL | QP |
| 5 | 841.890 | 28.32 | 21.70 | 3.67 | 27.57 | 26.12 | 46.00 | -19.88 | VERTICAL | QP |
| 6 | 992.210 | 27.37 | 22.98 | 3.99 | 26.76 | 27.58 | 54.00 | -26.42 | VERTICAL | QP |

Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

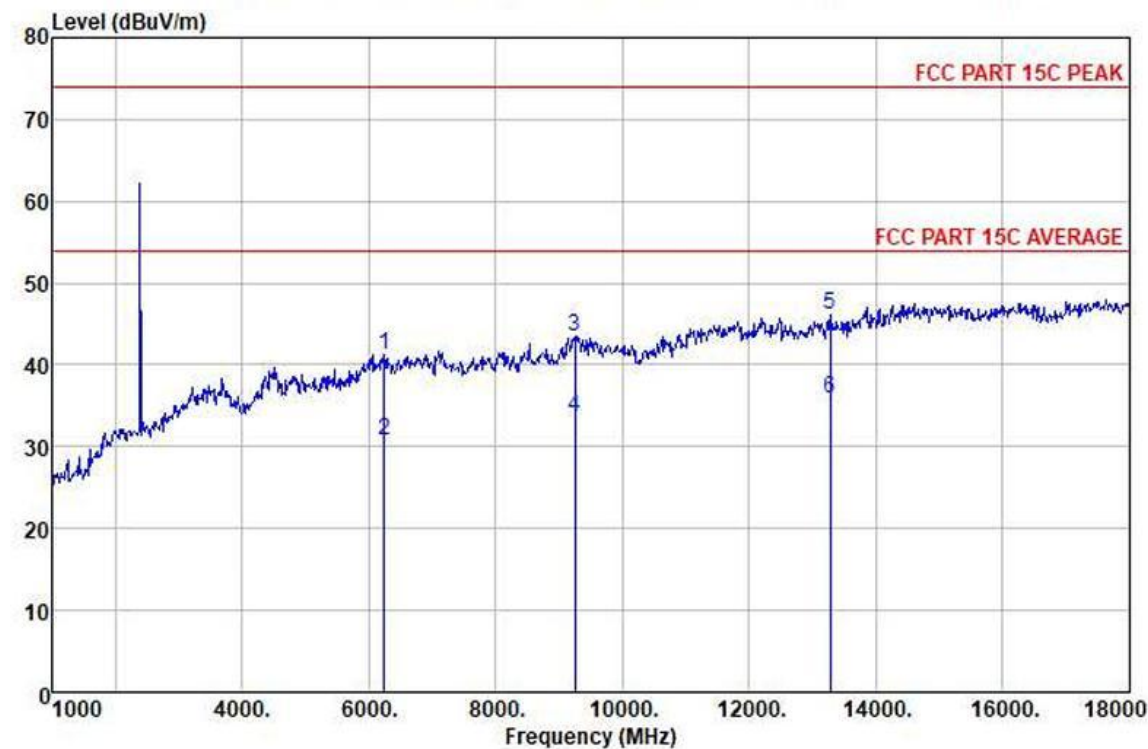
Spurious emissions above 1GHz

Test at low Channel in transmitting status

Horizontal:

Peak scan

Level (dBμV/m)



| Freq | Read | Antenna | Cable | Preamp | Level | Limit | Over | Pol/Phase | Remark |
|-----------|-------|---------|-------|--------|--------|--------|--------|------------|---------|
| MHz | Level | Factor | Loss | Factor | dBuV/m | Line | Limit | | |
| | dBuV | dB | dB | dB | | dBuV/m | dB | | |
| 6236.000 | 21.67 | 35.76 | 11.15 | 27.40 | 41.18 | 74.00 | -32.82 | HORIZONTAL | Peak |
| 6236.000 | 11.30 | 35.76 | 11.15 | 27.40 | 30.81 | 74.00 | -43.19 | HORIZONTAL | Average |
| 9245.000 | 17.69 | 38.80 | 14.11 | 27.18 | 43.42 | 74.00 | -30.58 | HORIZONTAL | Peak |
| 9245.000 | 7.81 | 38.80 | 14.11 | 27.18 | 33.54 | 74.00 | -40.46 | HORIZONTAL | Average |
| 13274.000 | 14.71 | 40.32 | 17.40 | 26.39 | 46.04 | 74.00 | -27.96 | HORIZONTAL | Peak |
| 13274.000 | 4.53 | 40.32 | 17.40 | 26.39 | 35.86 | 74.00 | -38.14 | HORIZONTAL | Average |

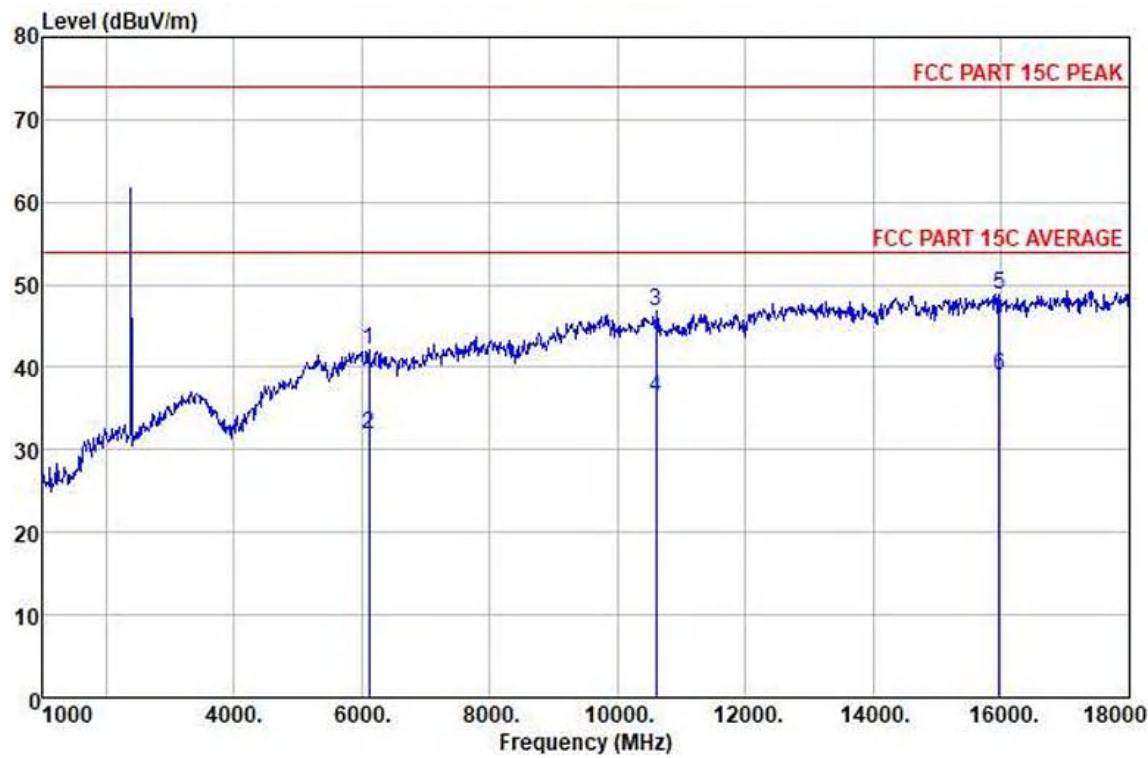
Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Note: The emission above limit is fundamental emission, which is not subject to the limit.

Vertical:

Peak scan

Level (dBμV/m)



| No. | Freq | Read Level | Antenna Factor | Cable Loss | Preamp Factor | Level | Limit Line | Over Limit | Pol/Phase | Remark |
|-----------|------|------------|----------------|------------|---------------|--------|------------|------------|-----------|---------|
| | MHz | dBuV | dB | dB | dB | dBuV/m | dBuV/m | dB | | |
| 16117.000 | | 22.64 | 35.88 | 11.02 | 27.41 | 42.13 | 74.00 | -31.87 | VERTICAL | Peak |
| 26117.000 | | 12.40 | 35.88 | 11.02 | 27.41 | 31.89 | 74.00 | -42.11 | VERTICAL | Average |
| 10605.000 | | 19.86 | 38.73 | 15.18 | 27.06 | 46.71 | 74.00 | -27.29 | VERTICAL | Peak |
| 10605.000 | | 9.53 | 38.73 | 15.18 | 27.06 | 36.38 | 74.00 | -37.62 | VERTICAL | Average |
| 15960.000 | | 15.66 | 39.49 | 19.55 | 25.87 | 48.83 | 74.00 | -25.17 | VERTICAL | Peak |
| 15960.000 | | 5.84 | 39.49 | 19.55 | 25.87 | 39.01 | 74.00 | -34.99 | VERTICAL | Average |

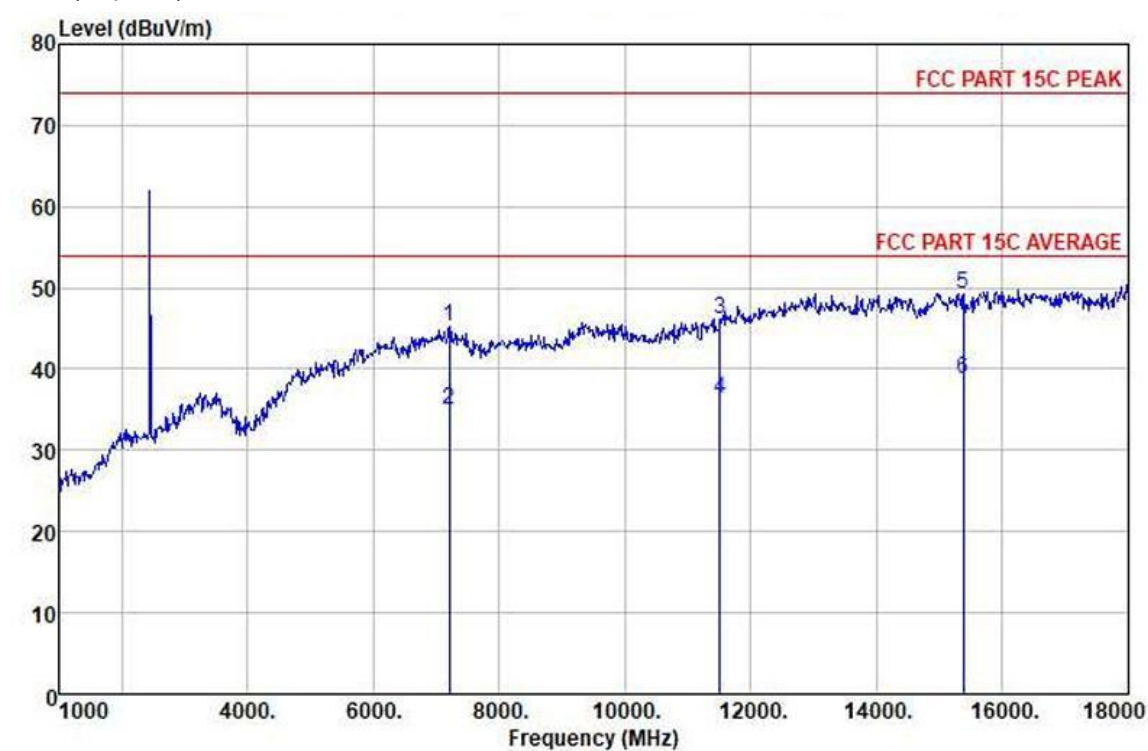
Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Note: The emission above limit is fundamental emission, which is not subject to the limit.

Test at Middle Channel in transmitting status Horizontal:

Peak scan

Level (dBμV/m)



| Freq MHz | Read Level dBuV | Antenna Factor dB | Cable Loss dB | Preamp Factor dB | Level dBuV/m | Limit Line dBuV/m | Over Limit dB | Pol/Phase | Remark |
|-------------|-----------------------|-------------------------|---------------------|------------------------|-----------------|-------------------------|---------------------|------------|---------|
| 7205.000 | 23.64 | 36.73 | 12.13 | 27.33 | 45.17 | 74.00 | -28.83 | HORIZONTAL | Peak |
| 7205.000 | 13.45 | 36.73 | 12.13 | 27.33 | 34.98 | 74.00 | -39.02 | HORIZONTAL | Average |
| 11506.000 | 17.60 | 39.60 | 15.95 | 26.97 | 46.18 | 74.00 | -27.82 | HORIZONTAL | Peak |
| 11506.000 | 7.71 | 39.60 | 15.95 | 26.97 | 36.29 | 74.00 | -37.71 | HORIZONTAL | Average |
| 15382.000 | 16.64 | 39.57 | 19.04 | 26.01 | 49.24 | 74.00 | -24.76 | HORIZONTAL | Peak |
| 15382.000 | 6.20 | 39.57 | 19.04 | 26.01 | 38.80 | 74.00 | -35.20 | HORIZONTAL | Average |

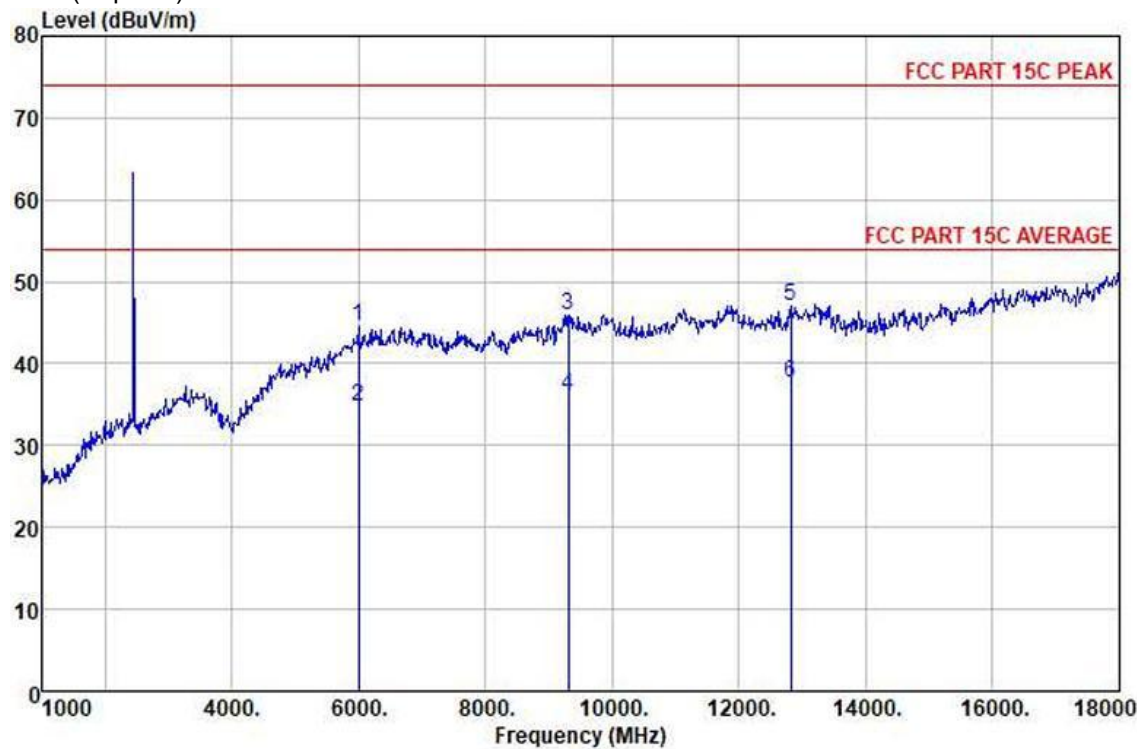
Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Note: The emission above limit is fundamental emission, which is not subject to the limit.

Vertical:

Peak scan

Level (dBμV/m)



| Freq | Read | Antenna | Cable | Preamp | Level | Limit | Over | Pol/Phase | Remark |
|-----------|-------|---------|-------|--------|--------|--------|--------|-----------|---------|
| MHz | Level | Factor | Loss | Factor | dBuV/m | Line | Limit | | |
| | dBuV | dB | dB | dB | | dBuV/m | dB | | |
| 5998.000 | 25.04 | 35.99 | 10.90 | 27.42 | 44.51 | 74.00 | -29.49 | VERTICAL | Peak |
| 5998.000 | 15.39 | 35.99 | 10.90 | 27.42 | 34.86 | 74.00 | -39.14 | VERTICAL | Average |
| 9313.000 | 20.10 | 38.80 | 14.17 | 27.17 | 45.90 | 74.00 | -28.10 | VERTICAL | Peak |
| 9313.000 | 10.32 | 38.80 | 14.17 | 27.17 | 36.12 | 74.00 | -37.88 | VERTICAL | Average |
| 12815.000 | 16.18 | 40.26 | 17.03 | 26.55 | 46.92 | 74.00 | -27.08 | VERTICAL | Peak |
| 12815.000 | 6.88 | 40.26 | 17.03 | 26.55 | 37.62 | 74.00 | -36.38 | VERTICAL | Average |

Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

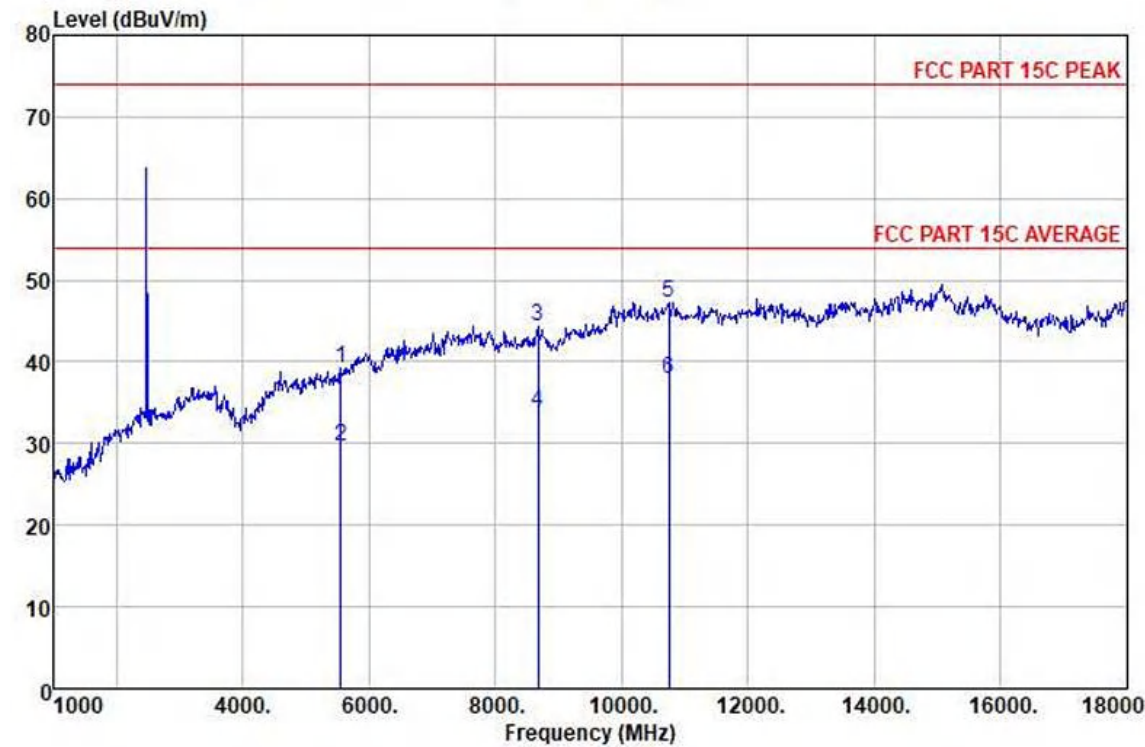
Note: The emission above limit is fundamental emission, which is not subject to the limit.

Test at high Channel in transmitting status

Horizontal:

Peak scan

Level (dBμV/m)



| Freq MHz | Read Level dBμV | Antenna Factor dB | Cable Loss dB | Preamp Factor dB | Level dBμV/m | Limit Line dBμV/m | Over Limit dB | Pol/Phase | Remark |
|-------------|-----------------------|-------------------------|---------------------|------------------------|-----------------|-------------------------|---------------------|------------|---------|
| 5556.000 | 22.18 | 34.14 | 10.42 | 27.48 | 39.26 | 74.00 | -34.74 | HORIZONTAL | Peak |
| 5556.000 | 12.56 | 34.14 | 10.42 | 27.48 | 29.64 | 74.00 | -44.36 | HORIZONTAL | Average |
| 8667.000 | 19.93 | 38.13 | 13.56 | 27.24 | 44.38 | 74.00 | -29.62 | HORIZONTAL | Peak |
| 8667.000 | 9.52 | 38.13 | 13.56 | 27.24 | 33.97 | 74.00 | -40.03 | HORIZONTAL | Average |
| 10741.000 | 20.13 | 38.89 | 15.32 | 27.05 | 47.29 | 74.00 | -26.71 | HORIZONTAL | Peak |
| 10741.000 | 10.78 | 38.89 | 15.32 | 27.05 | 37.94 | 74.00 | -36.06 | HORIZONTAL | Average |

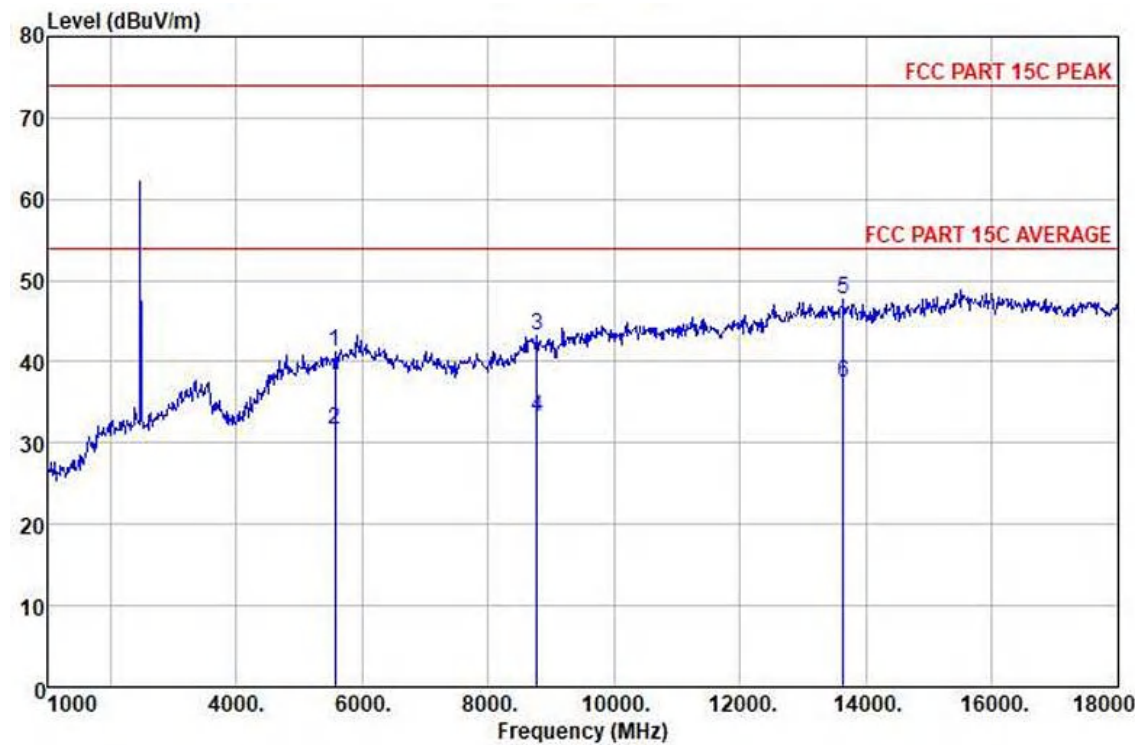
Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Note: The emission above limit is fundamental emission, which is not subject to the limit.

Vertical:

Peak scan

Level (dBμV/m)



| Freq | Read | Antenna | Cable | Preamp | Level | Limit | Over | Pol/Phase | Remark |
|-----------|-------|---------|-------|--------|--------|--------|--------|-----------|---------|
| MHz | Level | Factor | Loss | Factor | dBuV/m | Line | Limit | | |
| | dBuV | dB | dB | dB | | dBuV/m | dB | | |
| 5573.000 | 24.13 | 34.21 | 10.44 | 27.48 | 41.30 | 74.00 | -32.70 | VERTICAL | Peak |
| 5573.000 | 14.51 | 34.21 | 10.44 | 27.48 | 31.68 | 74.00 | -42.32 | VERTICAL | Average |
| 8769.000 | 18.38 | 38.34 | 13.66 | 27.23 | 43.15 | 74.00 | -30.85 | VERTICAL | Peak |
| 8769.000 | 8.50 | 38.34 | 13.66 | 27.23 | 33.27 | 74.00 | -40.73 | VERTICAL | Average |
| 13631.000 | 16.41 | 39.79 | 17.69 | 26.29 | 47.60 | 74.00 | -26.40 | VERTICAL | Peak |
| 13631.000 | 6.17 | 39.79 | 17.69 | 26.29 | 37.36 | 74.00 | -36.64 | VERTICAL | Average |

Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Note: The emission above limit is fundamental emission, which is not subject to the limit.

The field strength is calculated by adding the Antenna Factor. Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor.

No any other emissions level which are attenuated less than 20dB below the limit.

According to 15.31(o), the amplitude of spurious emissions from intentional radiators and emissions from unintentional radiators which are attenuated more than 20 dB below the permissible value need not be reported unless specifically required elsewhere in this Part.

Hence there no other emissions have been reported.

Remark:

- 1) .For this intentional radiator operates below 25 GHz. The spectrum shall be investigated to the tenth harmonics of the highest fundamental frequency. And above the third harmonic of this intentional radiator, the disturbance is very low. So the test result only displays to 3rd harmonic.
- 2). As shown in Section, for frequencies above 1000 MHz. the above field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.
- 3). The test only perform the EUT in transmitting status since the test frequencies were over 1GHz only required transmitting status.

Test result: The unit does meet the FCC requirements.

5.8 Radiated Emissions which fall in the restricted bands

| | |
|-------------------|--|
| Test Requirement: | FCC Part 15 C section 15.247 (d) In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)). |
| Test Method: | ANSI C63.10:2013 |
| Test Status: | Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, channels and antenna ports (if EUT with antenna diversity architecture). Following channel(s) was (were) selected for the final test as listed below. |
| Test site: | Measurement Distance: 3m (Semi-Anechoic Chamber) |
| Limit: | 40.0 dB μ V/m between 30MHz & 88MHz; 43.5 dB μ V/m between 88MHz & 216MHz; 46.0 dB μ V/m between 216MHz & 960MHz; 54.0 dB μ V/m above 960MHz. |
| Detector: | For PK value: RBW = 1 MHz for $f \geq 1$ GHz, 100 kHz for $f < 1$ GHz VBW \geq RBW Sweep = auto Detector function = peak Trace = max hold For AV value: RBW = 1 MHz for $f \geq 1$ GHz, 100 kHz for $f < 1$ GHz VBW = 10Hz Sweep = auto Detector function = peak Trace = max hold |

Section 15.205 Restricted bands of operation.

(a) Except as shown in paragraph (d) of this section. Only spurious emissions are permitted in any of the frequency bands listed below:

| 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 - | 2483.5 - 2500 | 17.7 - 21.4 |
| 8.37625 - 8.38675 | 156.52525 | 2655 - 2900 | 22.01 - 23.12 |
| 8.41425 - 8.41475 | 156.7 - 156.9 | 3260 - 3267 | 23.6 - 24.0 |
| 12.29 - 12.293 | 162.0125 - 167.17 | 3332 - 3339 | 31.2 - 31.8 |
| 12.51975 - 12.52025 | 167.72 - 173.2 | 3345.8 - 3358 | 36.43 - 36.5 |
| 12.57675 - 12.57725 | 240 - 285 | 3600 - 4400 | |
| 13.36 - 13.41 | 322 - 335.4 | | |

Test Result:

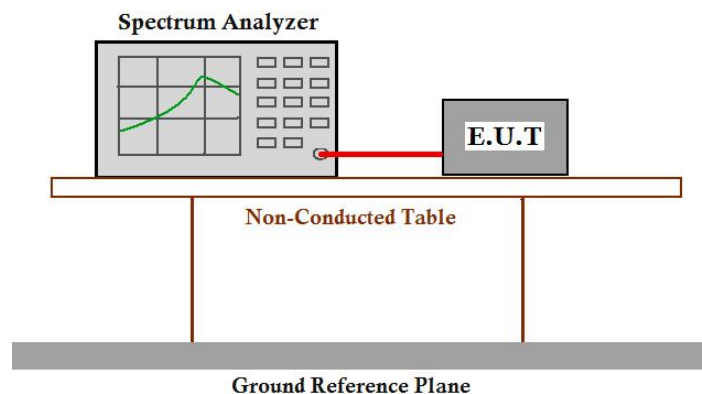
| Frequency (MHz) | Reading Level (dB μ V/m) | Correct (dB/m) | Emission Level (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Antenna polarization | Detector |
|---------------------|------------------------------------|-------------------|-------------------------------------|-------------------------|----------------|-------------------------|----------|
| Low Channel | | | | | | | |
| 2310.000 | 32.29 | 6.54 | 33.15 | 74.00 | -40.85 | H | PK |
| 2310.000 | 26.89 | 6.54 | 27.19 | 54.00 | -26.81 | H | AV |
| 2390.000 | 34.19 | 6.61 | 37.83 | 74.00 | -36.17 | V | PK |
| 2390.000 | 26.19 | 6.61 | 27.19 | 54.00 | -26.81 | V | AV |
| High Channel | | | | | | | |
| 2483.500 | 32.87 | 6.70 | 34.12 | 74.00 | -39.88 | H | PK |
| 2483.500 | 26.34 | 6.70 | 28.92 | 54.00 | -25.08 | H | AV |
| 2500.000 | 37.63 | 6.72 | 38.13 | 74.00 | -35.87 | V | PK |
| 2500.000 | 35.19 | 6.72 | 36.94 | 54.00 | -17.06 | V | AV |

Remark: No any other emission which falls in restricted bands can be detected and be reported.

Test result: The unit does meet the FCC requirements.

5.9 Band Edges Requirement

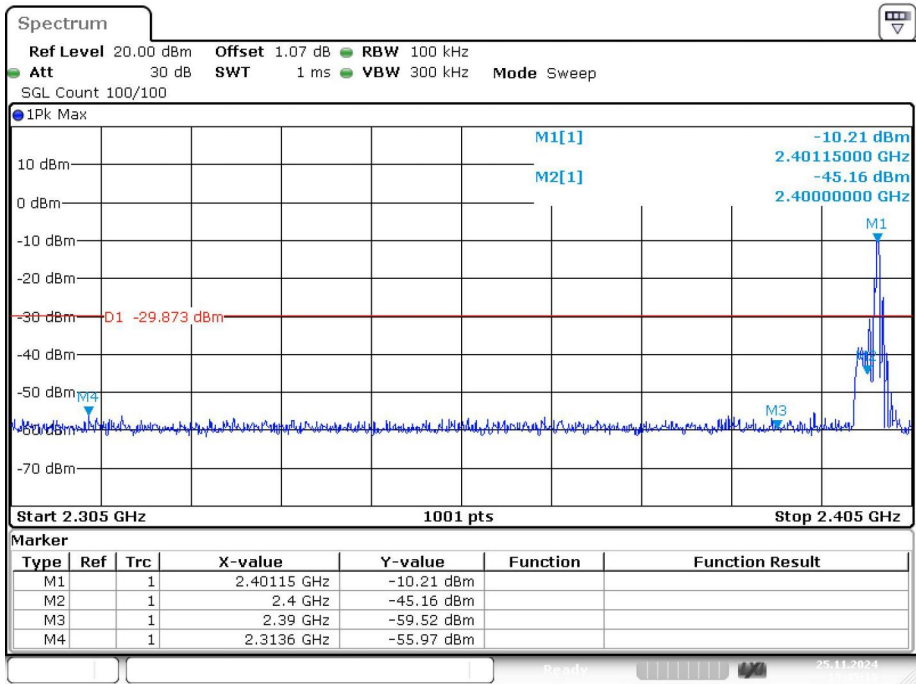
| | |
|---------------------|---|
| Test Requirement: | FCC Part 15 C section 15.247 (d) In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating. The radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power. Based on either an RF conducted or a radiated measurement. Provided the transmitter demonstrates compliance with the peak conducted power limits. |
| Frequency Band: | 2400 MHz to 2483.5 MHz |
| Test Method: | ANSI C63.10:2013 |
| Test Status: | Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, channels and antenna ports (if EUT with antenna diversity architecture). Following channel(s) was (were) selected for the final test as listed below. |
| Test Configuration: | |



- Test Procedure:
1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum analyzer or power meter.
 2. Set RBW=100 kHz, VBW=300 KHz, suitable frequency span including 1000 kHz bandwidth from band edge.
 3. Measure the Conducted Spurious Emissions and Radiated Emissions of the test frequency with special test status.
 4. Repeat until all the test status is investigated.
 5. Report the worse.

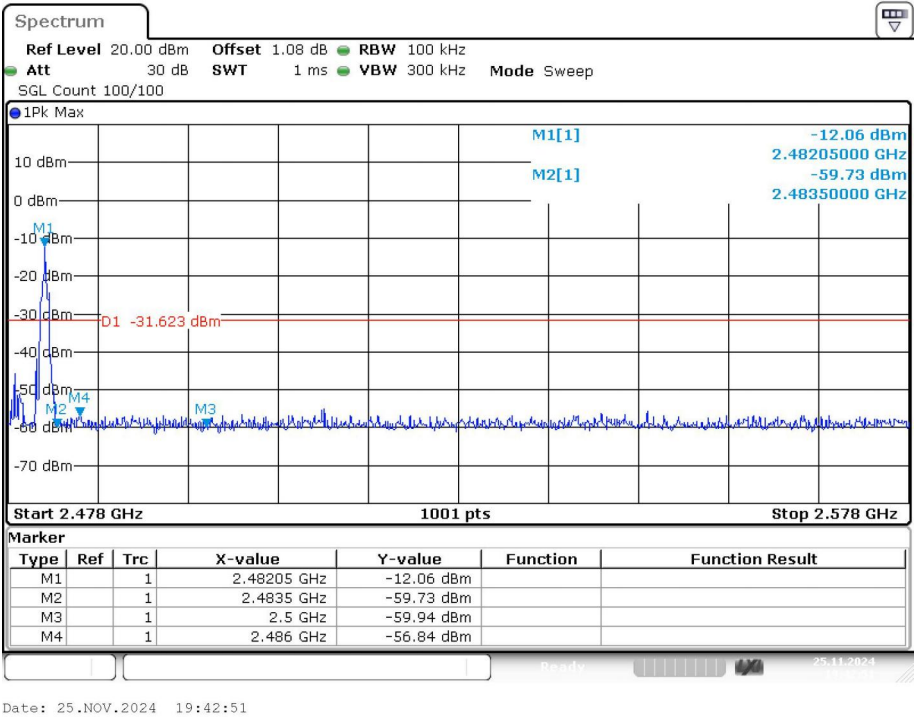
Test result with plots as follows:
The band edges was measured and recorded Result:
The Lower Edges attenuated more than 20dB.
The Upper Edges attenuated more than 20dB.

| Frequency (MHz) | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------------|-----------------|-------------|---------|
| 2401 | -46.09 | -20 | Pass |
| 2482 | -45.22 | -20 | Pass |



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Band Edge 2401MHz Emission



Band Edge 2482MHz Emission

Note: This line in the plots is a reference line for the 20dB down limit, not the limit.

Test result: The unit does meet the FCC requirements.

5.10 Conducted Emissions at Mains Terminals 150 kHz to 30MHz

Test Requirement: FCC Part 15 C section 15.207

Test Voltage: 120V~ 60Hz

Test Method: ANSI C63.10:2013 Clause 6.2

Frequency Range: 150 kHz to 30 MHz

Detector: Peak for pre-scan (9 kHz Resolution Bandwidth)

Test Limit

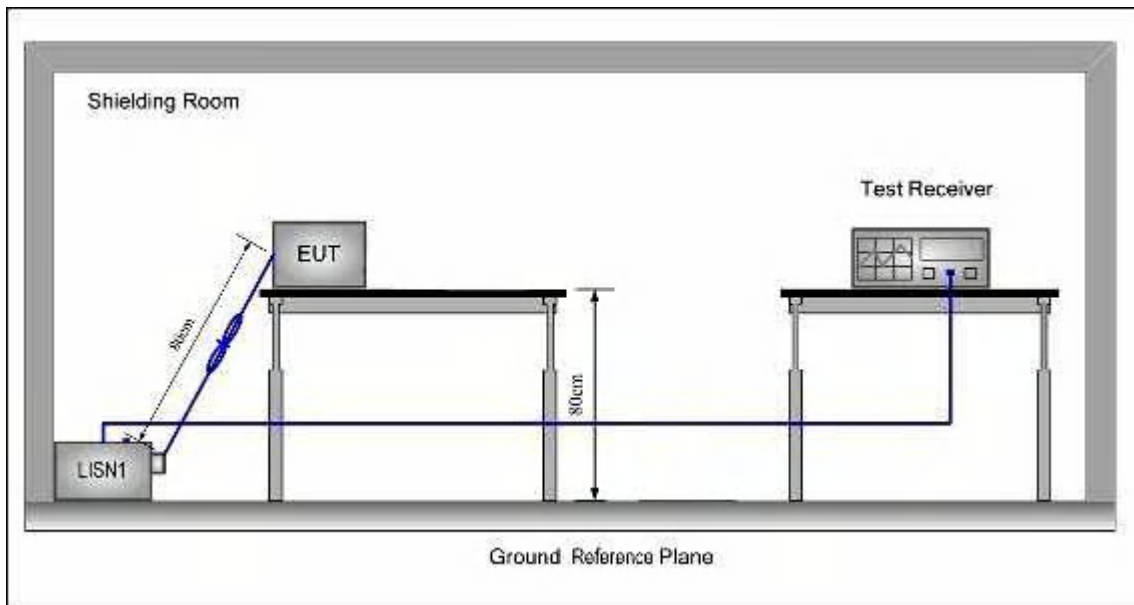
Limits for conducted disturbance at the mains ports of class B

| Frequency Range | Class B Limit dB(μV) | |
|--|----------------------|----------|
| | Quasi-peak | Average |
| 0.15 to 0.50 | 66 to 56 | 56 to 46 |
| 0.50 to 5 | 56 | 46 |
| 5 to 30 | 60 | 50 |
| NOTE 1 The limit decreases linearly with the logarithm of the frequency in the range 0,15 MHz to 0,50 MHz. | | |

EUT Operation:

Test in normal operating mode. For intentional radiators, measurements of the variation of the input power or the radiated signal level of the fundamental frequency component of the emission, as appropriate, shall be performed with the supply voltage varied between 85% and 115% of the nominal rated supply voltage.

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, channels and antenna ports (if EUT with antenna diversity architecture).

Test Configuration:**Test procedure:**

1. The mains terminal disturbance voltage test was conducted in a shielded room.
2. The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a $50\Omega/50\mu\text{H} + 5\Omega$ linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.
3. The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane, but separated from metallic contact with the ground reference plane by 0.1m of insulation.
4. The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.

5.10.1 Measurement Data

An initial pre-scan was performed on the live and neutral lines with peak detector.

Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected. For EUT the communicating was worst case mode.

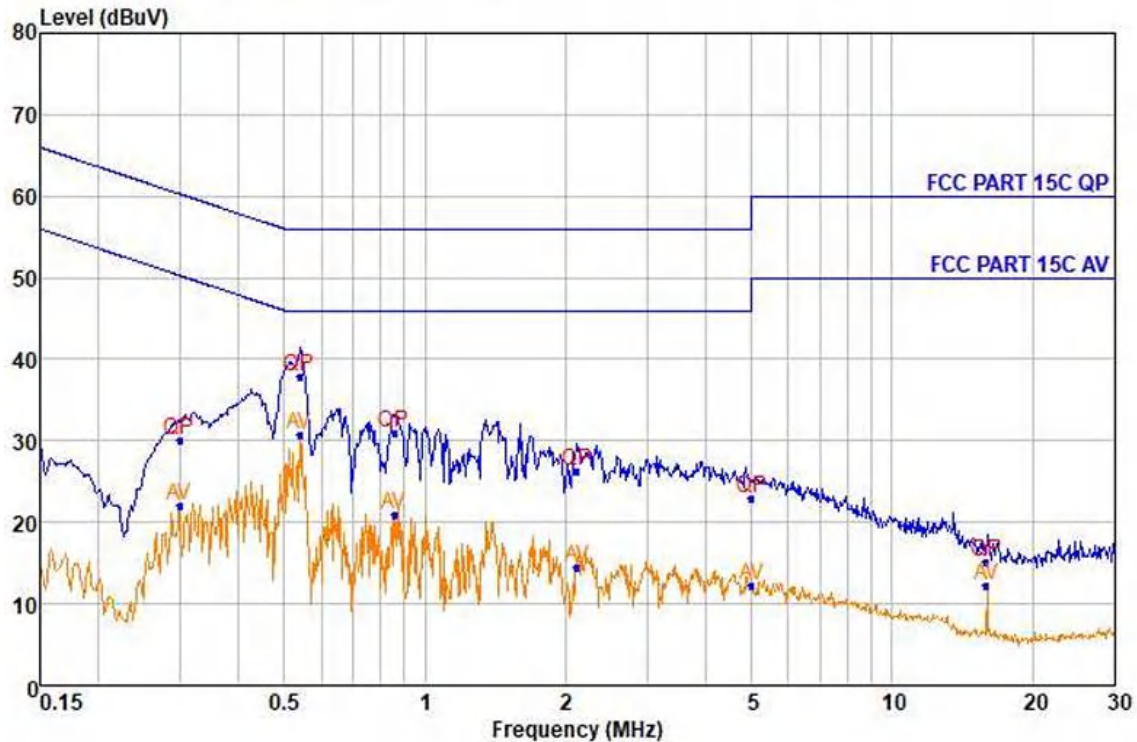
The following Quasi-Peak and Average measurements were performed on the EUT

Model: LSK-JJ-002

Live Line

Peak Scan:

Level (dBμV)



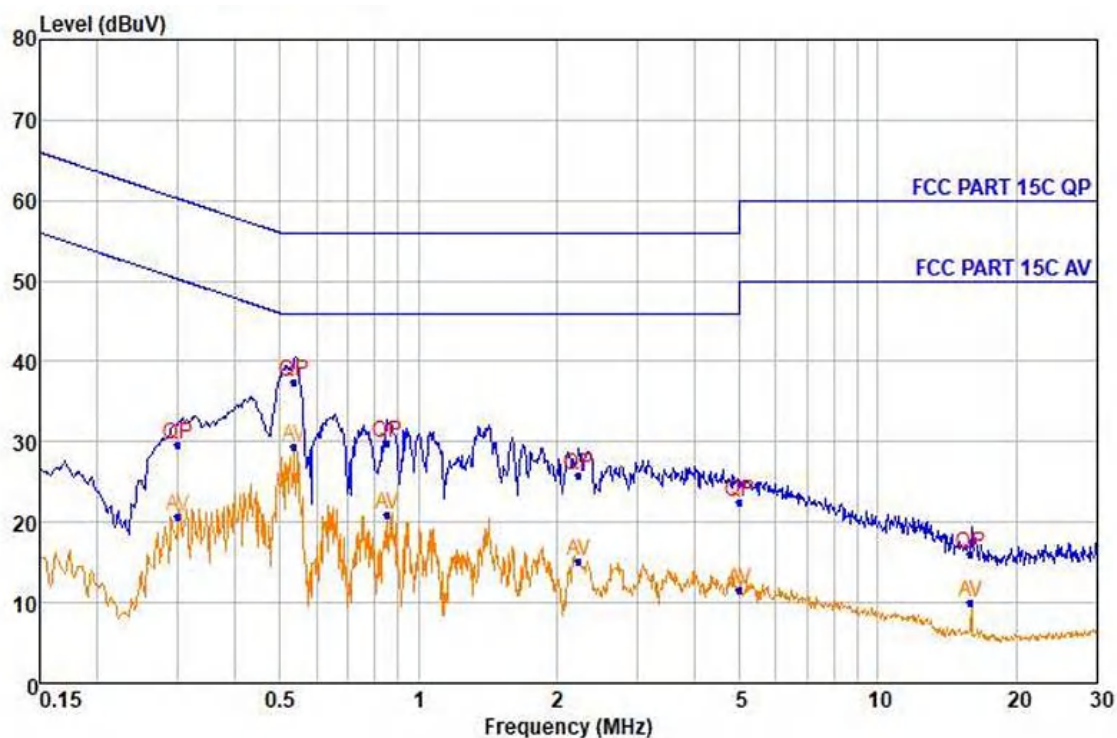
Quasi-peak and Average measurement

| NO. | Freq MHz | Level dBμV | Remark | LISN Factor dB | Cable Loss dB | Limit Line dBμV | Margin dB |
|-----|-------------|---------------|---------|-------------------|------------------|--------------------|--------------|
| 1 | 0.299 | 30.10 | QP | 9.67 | 0.24 | 60.28 | -30.18 |
| 2 | 0.299 | 22.04 | Average | 9.67 | 0.24 | 50.28 | -28.24 |
| 3 | 0.539 | 37.91 | QP | 9.66 | 0.27 | 56.00 | -18.09 |
| 4 | 0.539 | 30.68 | Average | 9.66 | 0.27 | 46.00 | -15.32 |
| 5 | 0.860 | 30.91 | QP | 9.69 | 0.30 | 56.00 | -25.09 |
| 6 | 0.860 | 21.00 | Average | 9.69 | 0.30 | 46.00 | -25.00 |
| 7 | 2.117 | 26.27 | QP | 9.65 | 0.35 | 56.00 | -29.73 |
| 8 | 2.117 | 14.47 | Average | 9.65 | 0.35 | 46.00 | -31.53 |
| 9 | 5.000 | 22.88 | QP | 9.60 | 0.40 | 56.00 | -33.12 |
| 10 | 5.000 | 12.36 | Average | 9.60 | 0.40 | 46.00 | -33.64 |
| 11 | 15.932 | 15.20 | QP | 9.70 | 0.46 | 60.00 | -44.80 |
| 12 | 15.932 | 12.21 | Average | 9.70 | 0.46 | 50.00 | -37.79 |

Level=Read Level + LISN Factor + Cable Loss

Neutral Line:

Peak Scan:

Level (dB μ V)

Quasi-peak and Average measurement

| NO. | Freq MHz | Level dB μ V | Remark | LISN Factor dB | Cable Loss dB | Limit Line dB μ V | Margin dB |
|-----|-------------|---------------------|---------|-------------------|------------------|--------------------------|--------------|
| 1 | 0.300 | 29.70 | QP | 9.65 | 0.24 | 60.24 | -30.54 |
| 2 | 0.300 | 20.75 | Average | 9.65 | 0.24 | 50.24 | -29.49 |
| 3 | 0.538 | 37.47 | QP | 9.66 | 0.27 | 56.00 | -18.53 |
| 4 | 0.538 | 29.38 | Average | 9.66 | 0.27 | 46.00 | -16.62 |
| 5 | 0.855 | 29.90 | QP | 9.63 | 0.30 | 56.00 | -26.10 |
| 6 | 0.855 | 20.87 | Average | 9.63 | 0.30 | 46.00 | -25.13 |
| 7 | 2.232 | 25.81 | QP | 9.62 | 0.35 | 56.00 | -30.19 |
| 8 | 2.232 | 15.20 | Average | 9.62 | 0.35 | 46.00 | -30.80 |
| 9 | 5.000 | 22.51 | QP | 9.62 | 0.40 | 56.00 | -33.46 |
| 10 | 5.000 | 11.56 | Average | 9.62 | 0.40 | 46.00 | -34.44 |
| 11 | 15.932 | 15.98 | QP | 9.63 | 0.46 | 60.00 | -44.02 |
| 12 | 15.932 | 10.05 | Average | 9.63 | 0.46 | 50.00 | -39.95 |

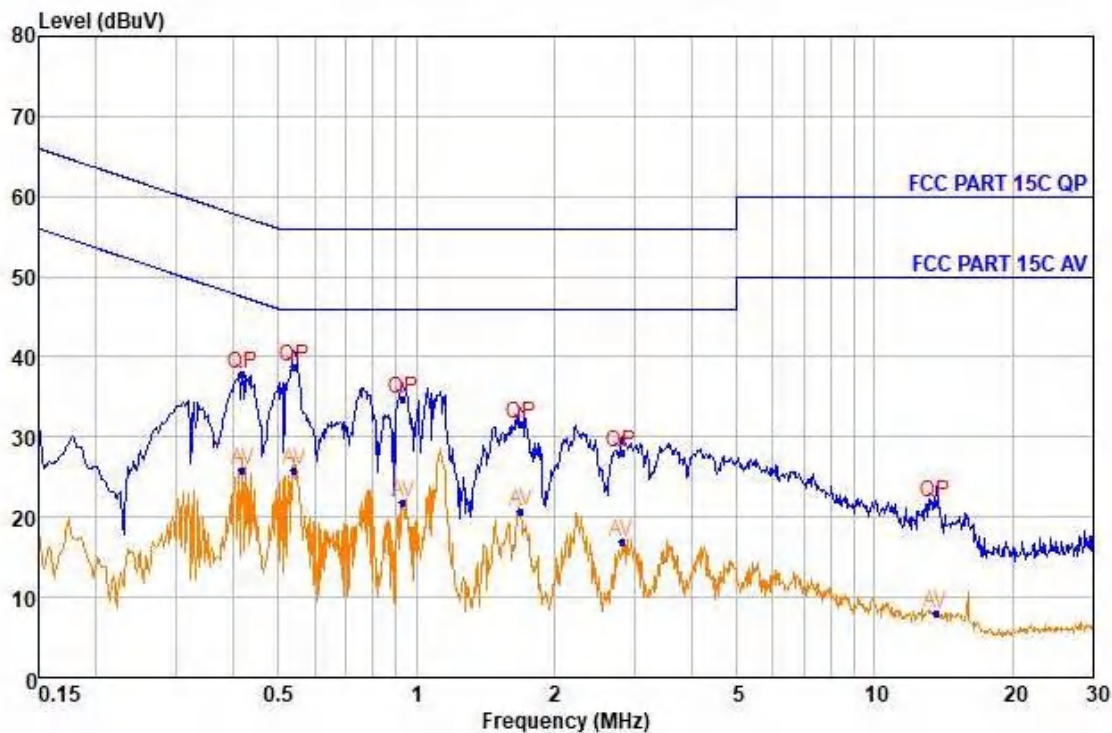
$$\text{Level} = \text{Read Level} + \text{LISN Factor} + \text{Cable Loss}$$

Model: LSK-JJ-003

Live Line

Peak Scan:

Level (dBμV)



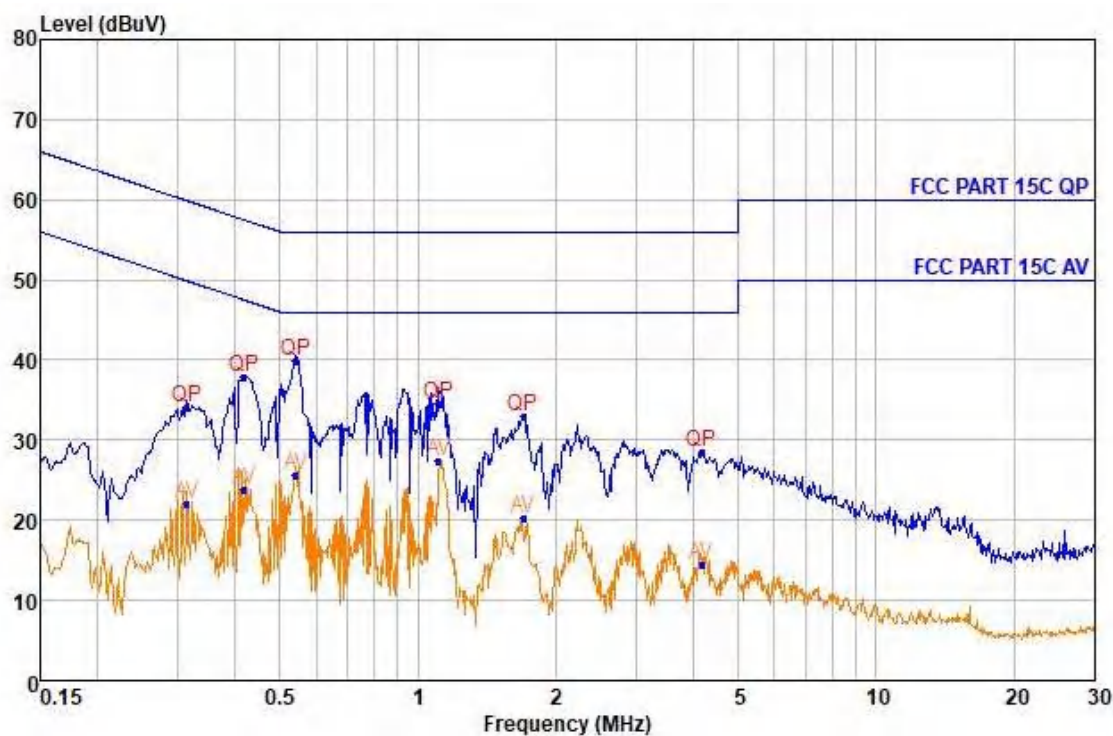
Quasi-peak and Average measurement

| NO. | Freq MHz | Level dBμV | Remark | LISN Factor dB | Cable Loss dB | Limit Line dBμV | Margin dB |
|-----|-------------|---------------|---------|-------------------|------------------|--------------------|--------------|
| 1 | 0.417 | 37.85 | QP | 9.66 | 0.26 | 57.51 | -19.66 |
| 2 | 0.417 | 25.85 | Average | 9.66 | 0.26 | 47.51 | -21.66 |
| 3 | 0.541 | 38.77 | QP | 9.66 | 0.27 | 56.00 | -17.23 |
| 4 | 0.541 | 25.77 | Average | 9.66 | 0.27 | 46.00 | -20.23 |
| 5 | 0.938 | 34.79 | QP | 9.68 | 0.30 | 56.00 | -21.21 |
| 6 | 0.938 | 21.79 | Average | 9.68 | 0.30 | 46.00 | -24.21 |
| 7 | 1.689 | 31.71 | QP | 9.65 | 0.34 | 56.00 | -24.29 |
| 8 | 1.689 | 20.71 | Average | 9.65 | 0.34 | 46.00 | -25.29 |
| 9 | 2.809 | 27.99 | QP | 9.63 | 0.37 | 56.00 | -28.01 |
| 10 | 2.809 | 16.99 | Average | 9.63 | 0.37 | 46.00 | -29.01 |
| 11 | 13.623 | 21.93 | QP | 9.70 | 0.46 | 60.00 | -38.07 |
| 12 | 13.623 | 7.93 | Average | 9.70 | 0.46 | 50.00 | -42.07 |

Level=Read Level + LISN Factor + Cable Loss

Neutral Line:

Peak Scan:

Level (dB μ V)

Quasi-peak and Average measurement

| NO. | Freq MHz | Level dB μ V | Remark | LISN Factor dB | Cable Loss dB | Limit Line dB μ V | Margin dB |
|-----|-------------|---------------------|---------|-------------------|------------------|--------------------------|--------------|
| 1 | 0.313 | 34.09 | QP | 9.65 | 0.24 | 59.88 | -25.79 |
| 2 | 0.313 | 22.01 | Average | 9.65 | 0.24 | 49.88 | -27.87 |
| 3 | 0.417 | 37.94 | QP | 9.66 | 0.26 | 57.51 | -19.57 |
| 4 | 0.417 | 23.94 | Average | 9.66 | 0.26 | 47.51 | -23.57 |
| 5 | 0.541 | 39.84 | QP | 9.66 | 0.27 | 56.00 | -16.16 |
| 6 | 0.541 | 25.53 | Average | 9.66 | 0.27 | 46.00 | -20.47 |
| 7 | 1.111 | 34.50 | QP | 9.63 | 0.31 | 56.00 | -21.50 |
| 8 | 1.111 | 27.49 | Average | 9.63 | 0.31 | 46.00 | -18.51 |
| 9 | 1.698 | 32.92 | QP | 9.62 | 0.34 | 56.00 | -23.08 |
| 10 | 1.698 | 20.26 | Average | 9.62 | 0.34 | 46.00 | -25.74 |
| 11 | 4.158 | 28.57 | QP | 9.62 | 0.39 | 56.00 | -27.43 |
| 12 | 4.158 | 14.57 | Average | 9.62 | 0.39 | 46.00 | -31.43 |

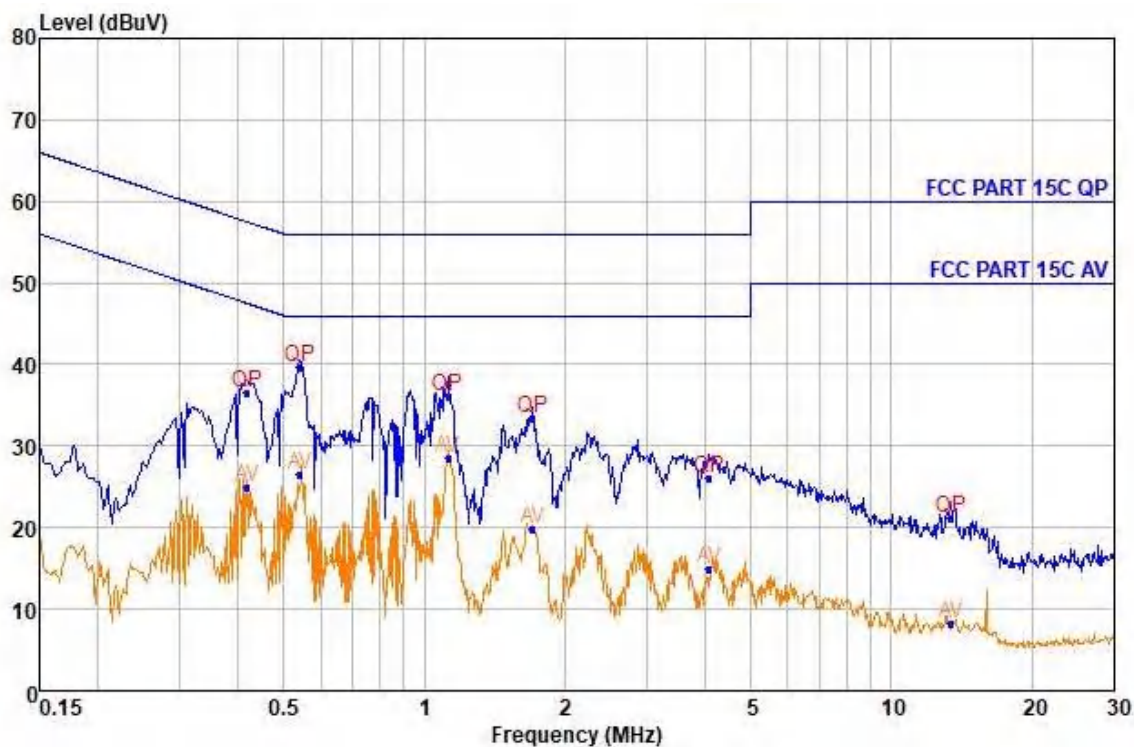
$$\text{Level} = \text{Read Level} + \text{LISN Factor} + \text{Cable Loss}$$

Model: LSK-JJ-004

Live Line

Peak Scan:

Level (dBμV)



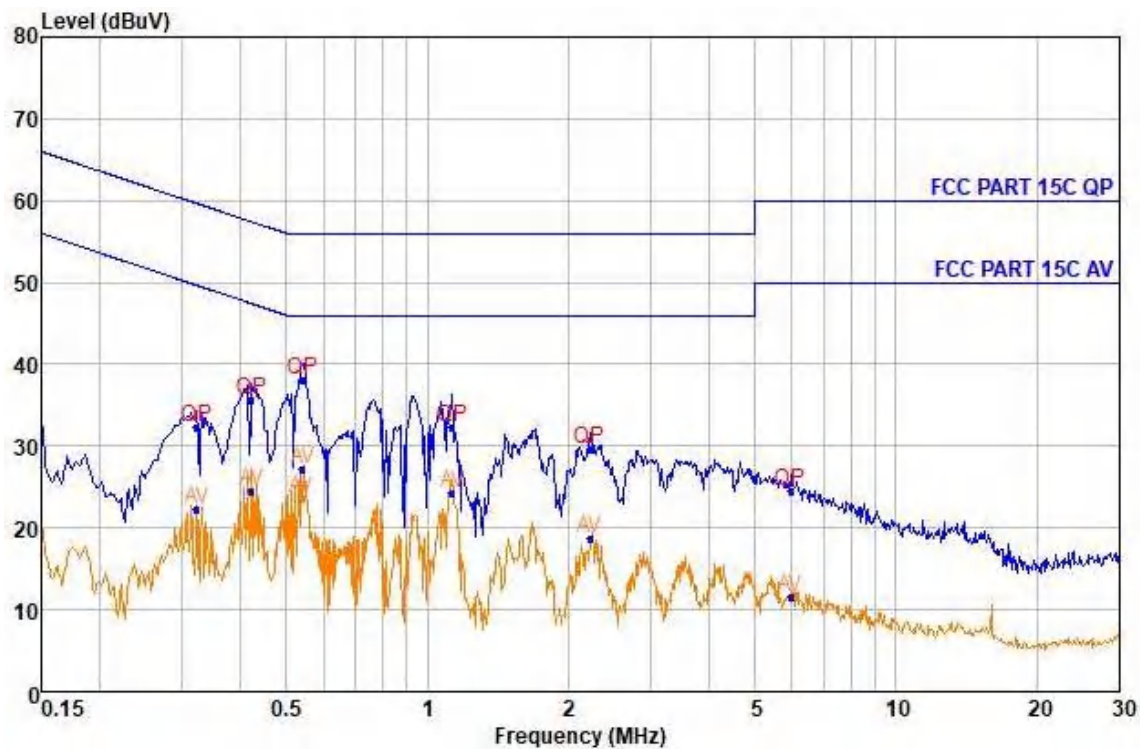
Quasi-peak and Average measurement

| NO. | Freq MHz | Level dBμV | Remark | LISN Factor dB | Cable Loss dB | Limit Line dBμV | Margin dB |
|-----|-------------|---------------|---------|-------------------|------------------|--------------------|--------------|
| 1 | 0.417 | 36.49 | QP | 9.66 | 0.26 | 57.51 | -21.02 |
| 2 | 0.417 | 25.02 | Average | 9.66 | 0.26 | 47.51 | -22.49 |
| 3 | 0.541 | 39.61 | QP | 9.66 | 0.27 | 56.00 | -16.39 |
| 4 | 0.541 | 26.48 | Average | 9.66 | 0.27 | 46.00 | -19.52 |
| 5 | 1.123 | 36.08 | QP | 9.67 | 0.31 | 56.00 | -19.92 |
| 6 | 1.123 | 28.63 | Average | 9.67 | 0.31 | 46.00 | -17.37 |
| 7 | 1.707 | 33.52 | QP | 9.65 | 0.34 | 56.00 | -22.48 |
| 8 | 1.707 | 19.79 | Average | 9.65 | 0.34 | 46.00 | -26.21 |
| 9 | 4.070 | 26.03 | QP | 9.61 | 0.39 | 56.00 | -29.97 |
| 10 | 4.070 | 14.97 | Average | 9.61 | 0.39 | 46.00 | -31.03 |
| 11 | 13.408 | 21.20 | QP | 9.69 | 0.45 | 60.00 | -38.80 |
| 12 | 13.408 | 8.20 | Average | 9.69 | 0.45 | 50.00 | -41.80 |

Level=Read Level + LISN Factor + Cable Loss

Neutral Line:

Peak Scan:

Level (dB μ V)

Quasi-peak and Average measurement

| NO. | Freq MHz | Level dB μ V | Remark | LISN Factor dB | Cable Loss dB | Limit Line dB μ V | Margin dB |
|-----|-------------|---------------------|---------|-------------------|------------------|--------------------------|--------------|
| 1 | 0.322 | 32.27 | QP | 9.65 | 0.24 | 59.66 | -27.39 |
| 2 | 0.322 | 22.27 | Average | 9.65 | 0.24 | 49.66 | -27.39 |
| 3 | 0.421 | 35.58 | QP | 9.66 | 0.26 | 57.42 | -21.84 |
| 4 | 0.421 | 24.58 | Average | 9.66 | 0.26 | 47.42 | -22.84 |
| 5 | 0.541 | 38.13 | QP | 9.66 | 0.27 | 56.00 | -17.87 |
| 6 | 0.541 | 27.13 | Average | 9.66 | 0.27 | 46.00 | -18.87 |
| 7 | 1.129 | 32.35 | QP | 9.63 | 0.31 | 56.00 | -23.65 |
| 8 | 1.129 | 24.35 | Average | 9.63 | 0.31 | 46.00 | -21.65 |
| 9 | 2.225 | 29.63 | QP | 9.62 | 0.35 | 56.00 | -26.37 |
| 10 | 2.225 | 18.69 | Average | 9.62 | 0.35 | 46.00 | -27.31 |
| 11 | 5.961 | 24.62 | QP | 9.62 | 0.41 | 60.00 | -35.38 |
| 12 | 5.961 | 11.62 | Average | 9.62 | 0.41 | 50.00 | -38.38 |

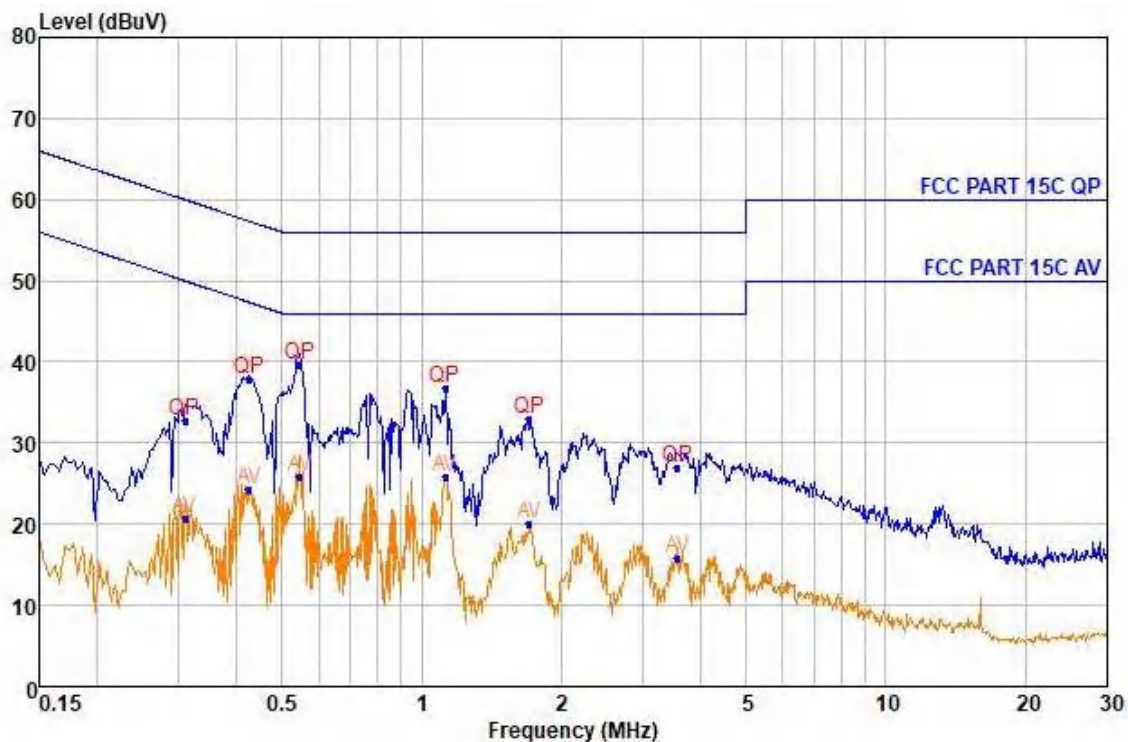
$$\text{Level} = \text{Read Level} + \text{LISN Factor} + \text{Cable Loss}$$

Model: LSK-JJ-005

Live Line

Peak Scan:

Level (dBμV)



Quasi-peak and Average measurement

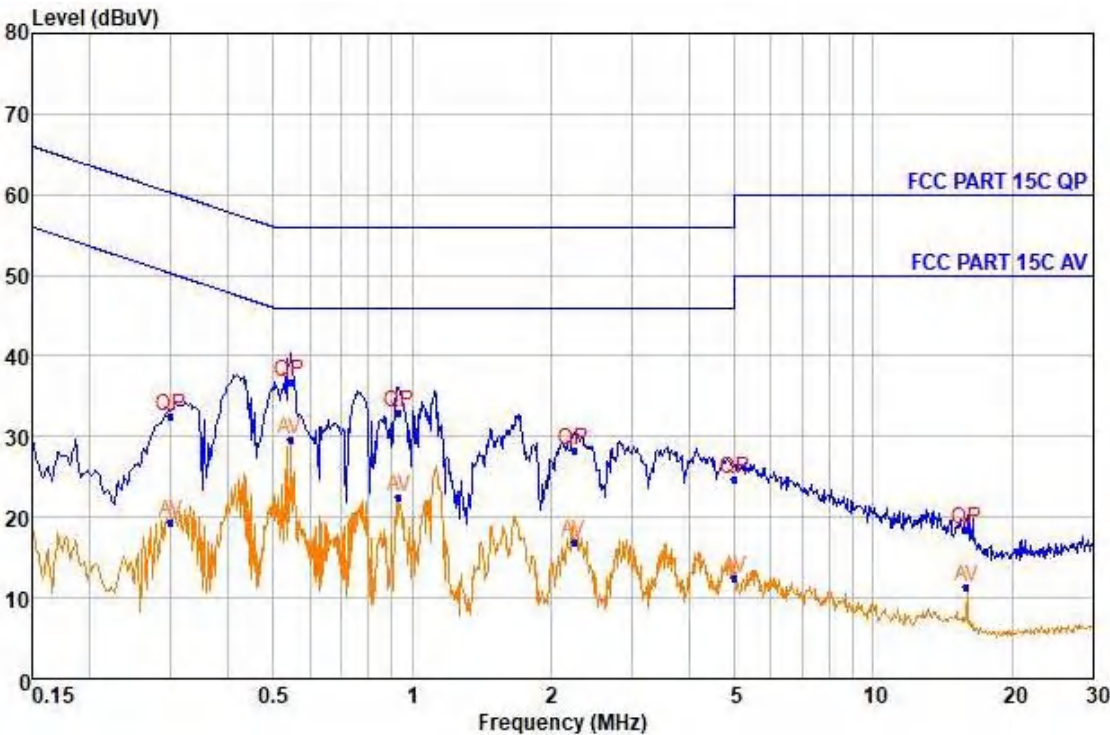
| NO. | Freq MHz | Level dBμV | Remark | LISN Factor dB | Cable Loss dB | Limit Line dBμV | Margin dB |
|-----|-------------|---------------|---------|-------------------|------------------|--------------------|--------------|
| 1 | 0.310 | 32.68 | QP | 9.67 | 0.24 | 59.97 | -27.29 |
| 2 | 0.310 | 20.68 | Average | 9.67 | 0.24 | 59.97 | -39.29 |
| 3 | 0.426 | 37.79 | QP | 9.66 | 0.26 | 57.33 | -19.54 |
| 4 | 0.426 | 24.22 | Average | 9.66 | 0.26 | 57.33 | -33.11 |
| 5 | 0.546 | 39.56 | QP | 9.67 | 0.27 | 56.00 | -16.44 |
| 6 | 0.546 | 25.95 | Average | 9.67 | 0.27 | 56.00 | -30.05 |
| 7 | 1.123 | 36.79 | QP | 9.67 | 0.31 | 56.00 | -19.21 |
| 8 | 1.123 | 25.79 | Average | 9.67 | 0.31 | 56.00 | -30.21 |
| 9 | 1.707 | 33.06 | QP | 9.65 | 0.34 | 56.00 | -22.94 |
| 10 | 1.707 | 20.06 | Average | 9.65 | 0.34 | 56.00 | -35.94 |
| 11 | 3.565 | 26.86 | QP | 9.62 | 0.38 | 56.00 | -29.14 |
| 12 | 3.565 | 15.86 | Average | 9.62 | 0.38 | 56.00 | -40.14 |

Level=Read Level + LISN Factor + Cable Loss

Neutral Line:

Peak Scan:

Level (dB μ V)



Quasi-peak and Average measurement

| NO. | Freq MHz | Level dB μ V | Remark | LISN Factor dB | Cable Loss dB | Limit Line dB μ V | Margin dB |
|-----|-------------|---------------------|---------|-------------------|------------------|--------------------------|--------------|
| 1 | 0.300 | 32.45 | QP | 9.65 | 0.24 | 60.24 | -27.79 |
| 2 | 0.300 | 19.30 | Average | 9.65 | 0.24 | 60.24 | -40.94 |
| 3 | 0.545 | 36.82 | QP | 9.66 | 0.27 | 56.00 | -19.18 |
| 4 | 0.545 | 29.63 | Average | 9.66 | 0.27 | 56.00 | -26.37 |
| 5 | 0.936 | 32.97 | QP | 9.63 | 0.30 | 56.00 | -23.03 |
| 6 | 0.936 | 22.50 | Average | 9.63 | 0.30 | 56.00 | -33.50 |
| 7 | 2.243 | 28.31 | QP | 9.62 | 0.35 | 56.00 | -27.69 |
| 8 | 2.243 | 16.99 | Average | 9.62 | 0.35 | 56.00 | -39.01 |
| 9 | 5.000 | 24.71 | QP | 9.62 | 0.40 | 56.00 | -31.29 |
| 10 | 5.000 | 12.43 | Average | 9.62 | 0.40 | 56.00 | -43.57 |
| 11 | 15.932 | 18.46 | QP | 9.63 | 0.46 | 60.00 | -41.54 |
| 12 | 15.932 | 11.31 | Average | 9.63 | 0.46 | 60.00 | -48.69 |

Level=Read Level + LISN Factor + Cable Loss

-- End of test report --