



卓時檢測
TIMEWAY TESTING LABORATORY



ISO/IEC17025 Accredited Lab.

Report No: FCC0709025

File reference No: 2007-11-09

Applicant: SHENZHEN WEIJIAN PLASTICS CO., LTD

Product: Wireless Keyboard

Model No: W9864RF

Brand Name: N/A

Test Standards: FCC Part 15 Subpart C, Paragraph 15.249

Test result: It is herewith confirmed and found to comply with the requirements set up by ANSI C63.4&FCC Part 15 Subpart C, Paragraph 15.249 regulations for the evaluation of electromagnetic compatibility

Approved By

Jack Chung

Jack Chung

Manager

Dated: Nov 09, 2007

Results appearing herein relate only to the sample tested

The technical reports is issued errors and omissions exempt and is subject to withdrawal at

SHENZHEN TIMEWAY TECHNOLOGY CONSULTING CO LTD

East 5/Block 4, Anhua Industrial Zone, No.8,Tairan Rd. CheGongMiao, FuTian District,
Shenzhen, CHINA.

Tel (755) 83448688 Fax (755) 83442996



Special Statement:

The testing quality ability of our laboratory meet with "Quality Law of People's Republic of China" Clause 19.

The testing quality system of our laboratory meets with ISO/IEC-17025 requirements, which is approved by CNAS. This approval result is accepted by MRA of APLAC.

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

CNAS-LAB Code: L2292

The EMC Laboratory has been assessed and in compliance with CNAS-CL01 accreditation criteria for testing Laboratories (identical to ISO/IEC 17025:1999 General Requirements) for the Competence of testing Laboratories.

FCC-Registration No.: 899988

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission. The acceptance letter from the FCC is maintained in our files. Registration No.:899988.

IC- Registration No.: IC5205A-01

The EMC Laboratory has been registered and fully described in a report filed with the (IC) Industry Canada. The acceptance letter from the IC is maintained in our files. Registration No.: IC 5205A-01.

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1.0 General Details

1.1 Test Lab Details

Name : SHENZHEN TIMEWAY TECHNOLOGY CONSULTING CO LTD
Address: 5/F,Block 4, Anhua Industrial Zone.,No.8 TaiRan Rd.CheGongMiao,FuTian District, Shenzhen,CHINA.
Telephone: (755) 83448688
Fax: (755) 83442996
Site on File with the Federal Communications Commission – United States
Registration Number: 899988
For 3m & 10 m OATS
Site Listed with Industry Canada of Ottawa, Canada
Registration Number: IC: 5205
For 3m & 10 m OATS

1.2 Applicant Details

Applicant: SHENZHEN WEIJIAN PLASTICS CO., LTD
Address: SHANGPAI INDUSTRIAL PARK, SHIYAN TOWSHIP, BAOAN DISTRICT, SHENZHEN
Telephone: 0755-27658366
Fax: 0755-29816253

1.3 Description of EUT

Product: Wireless Keyboard
Manufacturer: SHENZHEN WEIJIAN PLASTICS CO., LTD
Brand Name: N/A
Model Number: W9864RF
Additional Model Name W9627RF, W2611RF, W2612RF, W9837RF, W9630RF, W2032RF, W2610RF, W9835RF, W2028RF, W2029RF, RF28, RF64, RF229, RF35, RFV1, RFC1, RFV8, RFV5, RFV3
Additional Trade Name N/A
Rating: DC3.0V, 6mA
Modulation Type: GFSK
Operation Frequency 2410-2475MHz
Antenna Designation A permanent fixed antenna, which is built-in, designed as an indispensable part of the EUT.

1.4 Submitted Sample: 1 Sample

1.5 Test Duration: 2007-09-11 to 2007-11-09

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1.6 Test Uncertainty

Conducted Emissions Uncertainty = $\pm 3.0\text{dB}$ Radiated Emissions Uncertainty = $\pm 6.0\text{dB}$

1.7 Test Engineer

Terry Tang

The sample tested by _____

Print Name: Terry Tang

| 2.0 | Test Equipments | | | | |
|----------------------------|-----------------|-----------|-----------------------|--------------|------------|
| Instrument Type | Manufacturer | Model | Serial No. | Date of Cal. | Due Date |
| ESPI Test Receiver | ROHDE&SCHWARZ | ESPI 3 | 100379 | 2006-12-06 | 2007-12-05 |
| Absorbing Clamp | ROHDE&SCHWARZ | MDS-21 | 100126 | 2006-12-06 | 2007-12-05 |
| TWO Line-V-NETW | ROHDE&SCHWARZ | EZH3-Z5 | 100294 | 2006-12-06 | 2007-12-05 |
| TWO Line-V-NETW | ROHDE&SCHWARZ | EZH3-Z5 | 100253 | 2006-12-06 | 2007-12-05 |
| Ultra Broadband ANT | ROHDE&SCHWARZ | HL562 | 100157 | 2006-12-06 | 2007-12-05 |
| ESDV Test Receiver | ROHDE&SCHWARZ | ESDV | 100008 | 2007-03-30 | 2008-03-29 |
| 4-WIRE ISN | ROHDE&SCHWARZ | ENY 41 | 830663/044 | 2007-02-19 | 2008-02-18 |
| GG ENY22 Double 2-Wire ISN | ROHDE&SCHWARZ | ENY22 | 83066/016 | 2007-02-19 | 2008-02-18 |
| Impuls-Begrenzer | ROHDE&SCHWARZ | ESH3-Z2 | 100281 | 2007-02-19 | 2008-02-18 |
| System Controller | CT | SC100 | - | 2007-02-19 | 2008-02-18 |
| Printer | EPSON | PHOTO EX3 | CFNH234850 | 2007-02-19 | 2008-02-18 |
| FM-AM Signal Generator | JUNGJIN | SG-150M | 389911177 | 2007-02-19 | 2008-02-18 |
| Color TV Pattern Generator | PHILIPS | PM5418 | LO621747 | 2007-02-19 | 2008-02-18 |
| Computer | IBM | 8434 | 1S8434KCE99BLX LO* | - | - |

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| | | | | | |
|---------------------------------|------------------------|-------------|-------------|------------|------------|
| Oscillator | KENWOOD | AG-203D | 3070002 | 2007-02-23 | 2008-02-22 |
| Spectrum Analyzer | HAMEG | HM5012 | - | - | - |
| Power Supply | LW | APS1502 | - | - | - |
| 5K VA AC Power Source | California Instruments | 5001iX | 56060 | 2007-02-19 | 2008-02-18 |
| CDN | EM TEST | CDN M2/M3 | - | 2007-02-19 | 2008-02-18 |
| Attenuation | EM TEST | ATT6/75 | - | 2007-02-19 | 2008-02-18 |
| Resistance | EM TEST | R100 | - | 2007-02-19 | 2008-02-18 |
| Electromagnetic Injection Clamp | LITTHI | EM101 | 35708 | 2007-02-19 | 2008-02-18 |
| Inductive Components | EM TEST | MC2630 | - | 2007-02-19 | 2008-02-18 |
| Antenna | EM TEST | MS100 | - | 2007-02-19 | 2008-02-18 |
| Signal Generator | ROHDE&SCHWARZ | SMT03 | 100029 | 2007-02-05 | 2008-02-04 |
| Power Amplifier | AR | 150W1000 | 300999 | 2007-02-05 | 2008-02-04 |
| Field probe | Holaday | HI-6005 | 105152 | 2007-02-05 | 2008-02-04 |
| Bilog Antenna | Chase | CBL6111C | 2576 | 2007-02-05 | 2008-02-04 |
| Loop Antenna | EMCO | 6502 | 00042960 | 2007-02-05 | 2008-02-04 |
| Horn Antenna | SCHWARZBECK | BBHA 9170 | BBHA9170265 | 2007-08-16 | 2008-08-15 |
| ESPI Test Receiver | ROHDE&SCHWARZ | ESI26 | 838786/013 | 2007-02-05 | 2008-02-04 |
| 3m OATS | -- | -- | N/A | 2007-02-05 | 2008-02-04 |
| Horn Antenna | SCHWARZBECK | BBHA 9120 D | 9120D-631 | 2007-07-03 | 2008-07-02 |
| Spectrum Analyzer | ROHDE&SCHWARZ | FSEM | 8485971001 | 2007-06-05 | 2008-06-04 |

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3.0 Technical Details

3.1 Summary of test results

| The EUT has been tested according to the following specifications: | | | |
|--|-------------------------------|--------|----------|
| Standard | Test Type | Result | Notes |
| FCC Part 15, Paragraph 15.207 | Conducted Emission Test | N/A | Complies |
| FCC Part 15 Subpart C Paragraph 15.249(a) & 15.249(b) Limit | Field Strength of Fundamental | PASS | Complies |
| FCC Part 15, Paragraph 15.209 | Radiated Emission Test | PASS | Complies |
| FCC Part 15 Subpart C Paragraph 15.249(d) Limit | Band Edge Test | PASS | Complies |

3.2 Test Standards

FCC Part 15 Subpart C, Paragraph 15.249

4.0 EUT Modification

No modification by Shenzhen Timeway Technology Consulting Co.,Ltd

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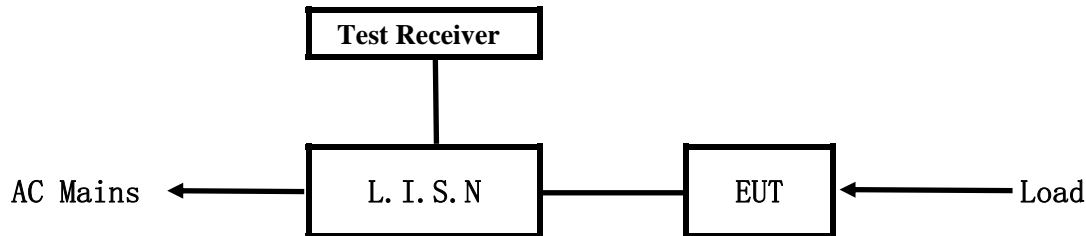
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5. Power Line Conducted Emission Test

5.1 Schematics of the test

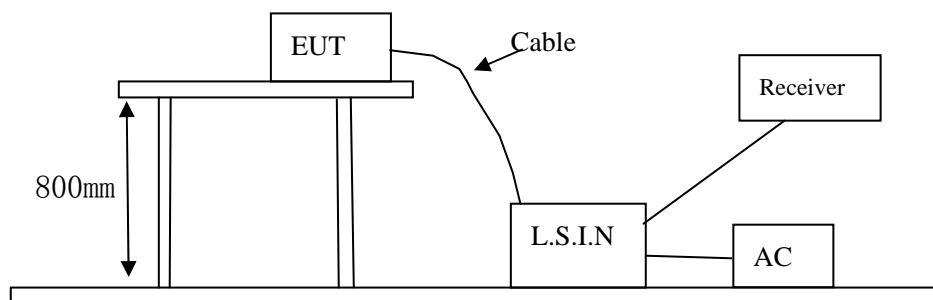


EUT: Equipment Under Test

5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.4-2001. The Frequency spectrum From 0.15MHz to 30MHz was investigated. The LISN used was 50ohm/50uH as specified by section 5.1 of ANSI C63.4 –2001.

Block diagram of Test setup



5.3 Configuration of The EUT

The EUT was configured according to ANSI C63.4-2001. All interface ports were connected to the appropriate peripherals. All peripherals and cables are listed below.

One channels are provided to the EUT

A. EUT

| Device | Manufacturer | Model | FCC ID |
|-------------------|------------------------------------|---------|-----------------|
| Wireless Keyboard | Shenzhen Weijian Plastics Co., Ltd | W9864RF | SJ6KBWJ20070905 |

B. Internal Device

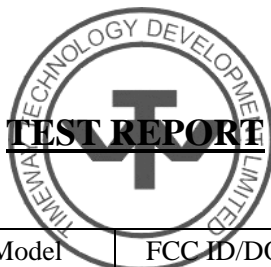
| Device | Manufacturer | Model | FCC ID/DOC |
|--------|--------------|-------|------------|
| N/A | | | |

C. Peripherals

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| Device | Manufacturer | Model | FCC ID/DOC | Cable |
|--------|--------------|-------|------------|-------|
| N/A | | | | |

5.4 EUT Operating Condition

Operating condition is according to ANSI C63.4 -2001.

A Setup the EUT and simulators as shown on follow

B Enable AF signal and confirm EUT active to normal condition

5.5 Power line conducted Emission Limit according to Paragraph 15.207

| Frequency(MHz) | Class A Limits (dB μ V) | | Class B Limits (dB μ V) | |
|----------------|-----------------------------|---------------|-----------------------------|---------------|
| | Quasi-peak Level | Average Level | Quasi-peak Level | Average Level |
| 0.15 ~ 0.50 | 79.0 | 66.0 | 66.0~56.0* | 56.0~46.0* |
| 0.50 ~ 5.00 | 73.0 | 60.0 | 56.0 | 46.0 |
| 5.00 ~ 30.00 | 73.0 | 60.0 | 60.0 | 50.0 |

- Notes:
1. *Decreasing linearly with logarithm of frequency.
 2. The tighter limit shall apply at the transition frequencies

5.6 Test Results

The frequency spectrum from 0.15MHz to 30MHz was investigated. All reading are quasi-peak values with a resolution bandwidth of 9kHz.

Note: Due to powered by 2psc AAA battery, this test item not applicable

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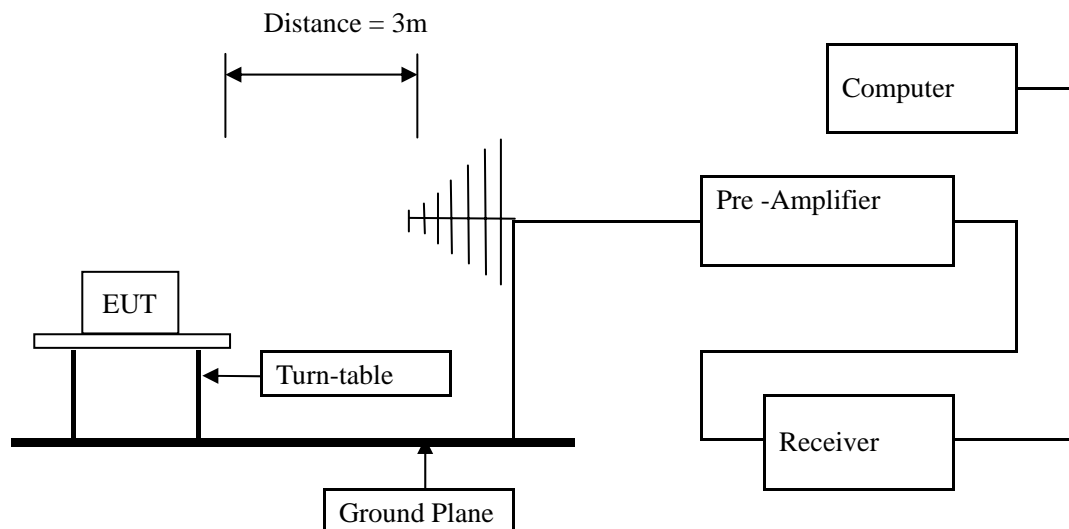


6 Radiated Emission Test

6.1 Test Method and test Procedure:

- (1) The EUT was tested according to ANSI C63.4 –2001. The radiated test was performed at Timeway Laboratory. This site is on file with the FCC laboratory division, Registration No.899988
- (2) The EUT, peripherals were put on the turntable which table size is 1m x 1.5 m, table high 0.8 m. All set up is according to ANSI C63.4-2001.
- (3) The frequency spectrum from 30 MHz to 1 GHz was investigated. All readings from 30 MHz to 1 GHz are quasi-peak values with a resolution bandwidth of 120 kHz. All readings are above 1 GHz, peak values with a resolution bandwidth of 1 MHz . Measurements were made at 3 meters.
- (4) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (5) Maximizing procedure was performed on the six (6) highest emissions to ensure EUT compliance is with all installation combinations. All data was recorded in the peak detection mode. Quasi-peak readings was performed only when an emission was found to be marginal (within -4 dB of specification limit), and are distinguished with a "QP" in the data table.
- (6) The antenna polarization : Vertical polarization and Horizontal polarization.

Block diagram of Test setup



6.2 Configuration of The EUT Same as section 5.3 of this report

6.3 EUT Operating Condition Same as section 5.4 of this report.

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6.4 Radiated Emission Limit

All emission from a digital device, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strength specified below:

A FCC Part 15 Subpart C Paragraph 15.249(a) Limit

| Fundamental Frequency (MHz) | Field Strength of Fundamental (3m) | | | Field Strength of Harmonics (3m) | | |
|--------------------------------|------------------------------------|--------------|------------|----------------------------------|--------------|-----------|
| | mV/m | dBuV/m | | uV/m | dBuV/m | |
| 2400-2483.5 | 50 | 94 (Average) | 114 (Peak) | 500 | 54 (Average) | 74 (Peak) |

- Note:
1. RF Field Strength (dBuV) = 20 log RF Voltage (uV)
 2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
 3. The emission limit in this paragraph is based on measurement instrumentation employing an average detector.

B. Frequencies in restricted band are complied to limit on Paragraph 15.209.

| Frequency Range (MHz) | Distance (m) | Field strength (dB μ V/m) |
|-----------------------|--------------|-------------------------------|
| 30-88 | 3 | 40.0 |
| 88-216 | 3 | 43.5 |
| 216-960 | 3 | 46.0 |
| Above 960 | 3 | 54.0 |

- Note:
1. RF Voltage (dBuV) = 20 log RF Voltage (uV)
 2. In the Above Table, the tighter limit applies at the band edges.
 3. Distance refers to the distance in meters between the measuring instrument antenna and the EUT

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**6.5 Test result****A Fundamental & Harmonics Radiated Emission Data**

| | | | |
|---------------|------------------------------------|--------------|-------------|
| Product: | Wireless Keyboard | Test Mode: | Low Channel |
| Test Item: | Fundamental Radiated Emission Data | Temperature: | 25°C |
| Test Voltage: | 3VDC | Humidity: | 56% |
| Test Result: | Pass | | |

| Frequency (MHz) | Emission PK/AV (dBuV/m) | Horiz / Vert | Limits PK/AV (dBuV/m) | Margin (dB) |
|-----------------|-------------------------|--------------|-----------------------|-------------|
| 2410.050 | 80.8/58.0 | H | 114/94 | -33.2/-36.0 |
| 2410.050 | 80.8/60.3 | V | 114/94 | -33.2/-33.7 |
| 4820.170 | 54.5/38.0 | H | 74/54 | -19.5/-16 |
| 4820.170 | 60.5/39.5 | V | 74/54 | -13.5/-14.5 |
| 7230 | -- | H/V | 74/54 | -- |
| 9640 | -- | H/V | 74/54 | -- |
| 12050 | -- | H/V | 74/54 | -- |
| 14460 | -- | H/V | 74/54 | -- |
| 16870 | -- | H/V | 74/54 | -- |
| 19280 | -- | H/V | 74/54 | -- |
| 21690 | -- | H/V | 74/54 | -- |
| 24100 | -- | H/V | 74/54 | -- |

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| | | | |
|---------------|------------------------------------|--------------|----------------|
| Product: | Wireless Keyboard | Test Mode: | Middle Channel |
| Test Item: | Fundamental Radiated Emission Data | Temperature: | 25°C |
| Test Voltage: | 3VDC | Humidity: | 56% |
| Test Result: | Pass | | |

| Frequency (MHz) | Emission PK/AV (dBuV/m) | Horiz / Vert | Limits PK/AV (dBuV/m) | Margin (dB) |
|--------------------|----------------------------|-----------------|--------------------------|----------------|
| 2442.560 | 89.5/67.8 | H | 114/94 | -34.8/-37.6 |
| 2442.560 | 93.5/72.1 | V | 114/94 | -28.7/-29.9 |
| 4884.987 | 53.7/38.6 | H | 74/54 | -20.3/-15.4 |
| 4884.987 | 60.0/38.8 | V | 74/54 | -13.4/-15.2 |
| 7326 | -- | H/V | 74/54 | -- |
| 9768 | -- | H/V | 74/54 | -- |
| 12210 | -- | H/V | 74/54 | -- |
| 14652 | -- | H/V | 74/54 | -- |
| 17094 | -- | H/V | 74/54 | -- |
| 19536 | -- | H/V | 74/54 | -- |
| 21978 | -- | H/V | 74/54 | -- |
| 24420 | -- | H/V | 74/54 | -- |

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| | | | |
|---------------|------------------------------------|--------------|--------------|
| Product: | Wireless Keyboard | Test Mode: | High Channel |
| Test Item: | Fundamental Radiated Emission Data | Temperature: | 25°C |
| Test Voltage: | 3VDC | Humidity: | 56% |
| Test Result: | Pass | | |

| Frequency (MHz) | Emission PK/AV (dBuV/m) | Horiz / Vert | Limits PK/AV (dBuV/m) | Margin (dB) |
|-----------------|-------------------------|--------------|-----------------------|-------------|
| 2475.759 | 86.8/65.1 | H | 114/94 | -27.2/-28.9 |
| 2475.759 | 90.8/68.2 | V | 114/94 | -23.2/-25.8 |
| 4950.902 | 50.7/40.9 | H | 74/54 | -23.3/-13.1 |
| 4950.902 | 53.1/42.1 | V | 74/54 | -20.9/-11.9 |
| 7425 | -- | H/V | 74/54 | -- |
| 9900 | -- | H/V | 74/54 | -- |
| 12375 | -- | H/V | 74/54 | -- |
| 14850 | -- | H/V | 74/54 | -- |
| 17325 | -- | H/V | 74/54 | -- |
| 19800 | -- | H/V | 74/54 | -- |
| 22275 | -- | H/V | 74/54 | -- |
| 24750 | -- | H/V | 74/54 | -- |

- Note:
- (1) PK= Peak, AV= Average
 - (2) Emission Level = Reading Level + Probe Factor + Cable Loss.
 - (3) Margin=Emission-Limits
 - (4) According to section 15.35(b), the peak limit is 20dB higher than the average limit
 - (5) Due to measured PK value less than the AV limit, the measured AV value must be less than AV limit

The report refers only to the sample tested and does not apply to the bulk.

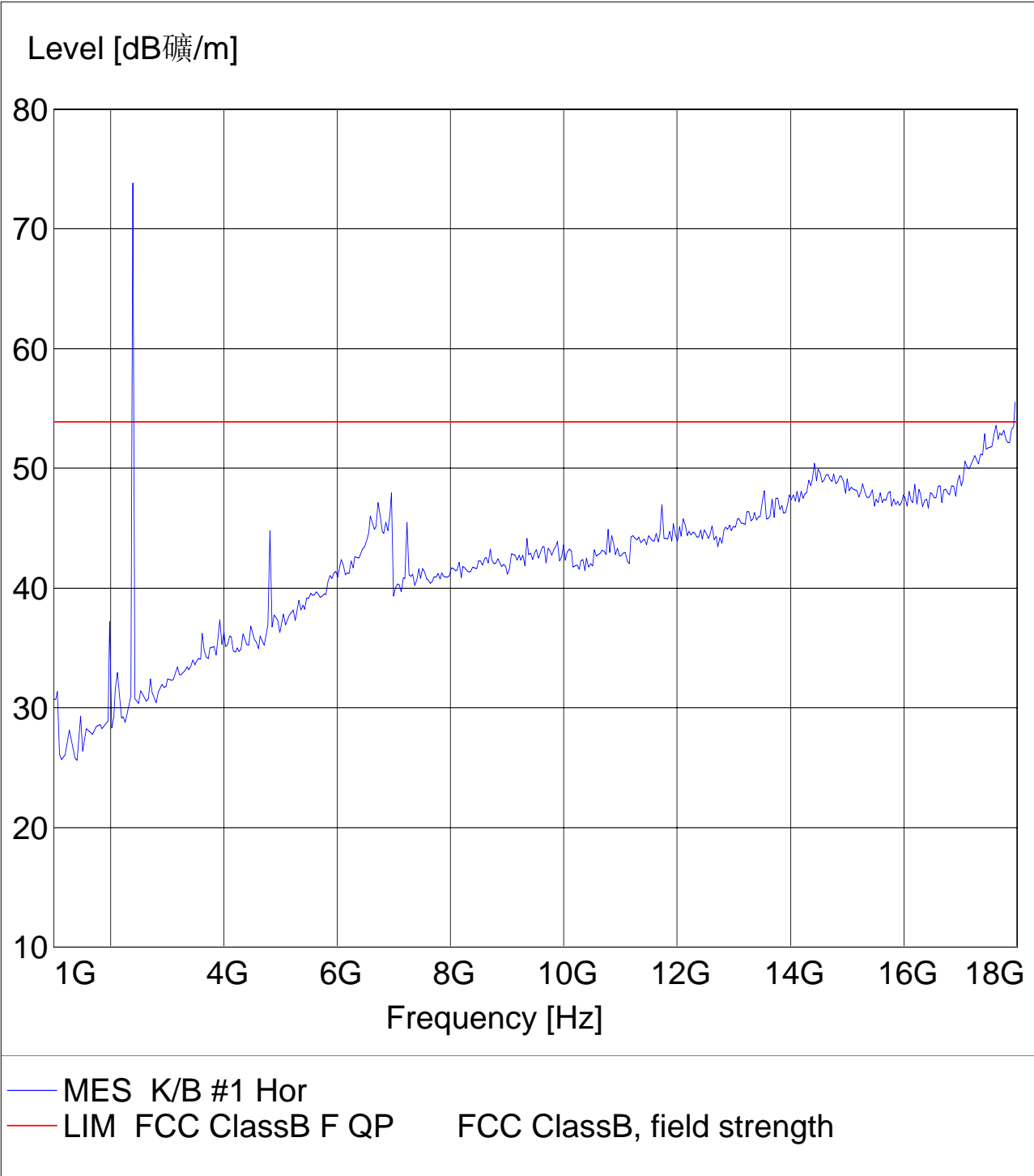
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Test Figure above 1G
Low Channel

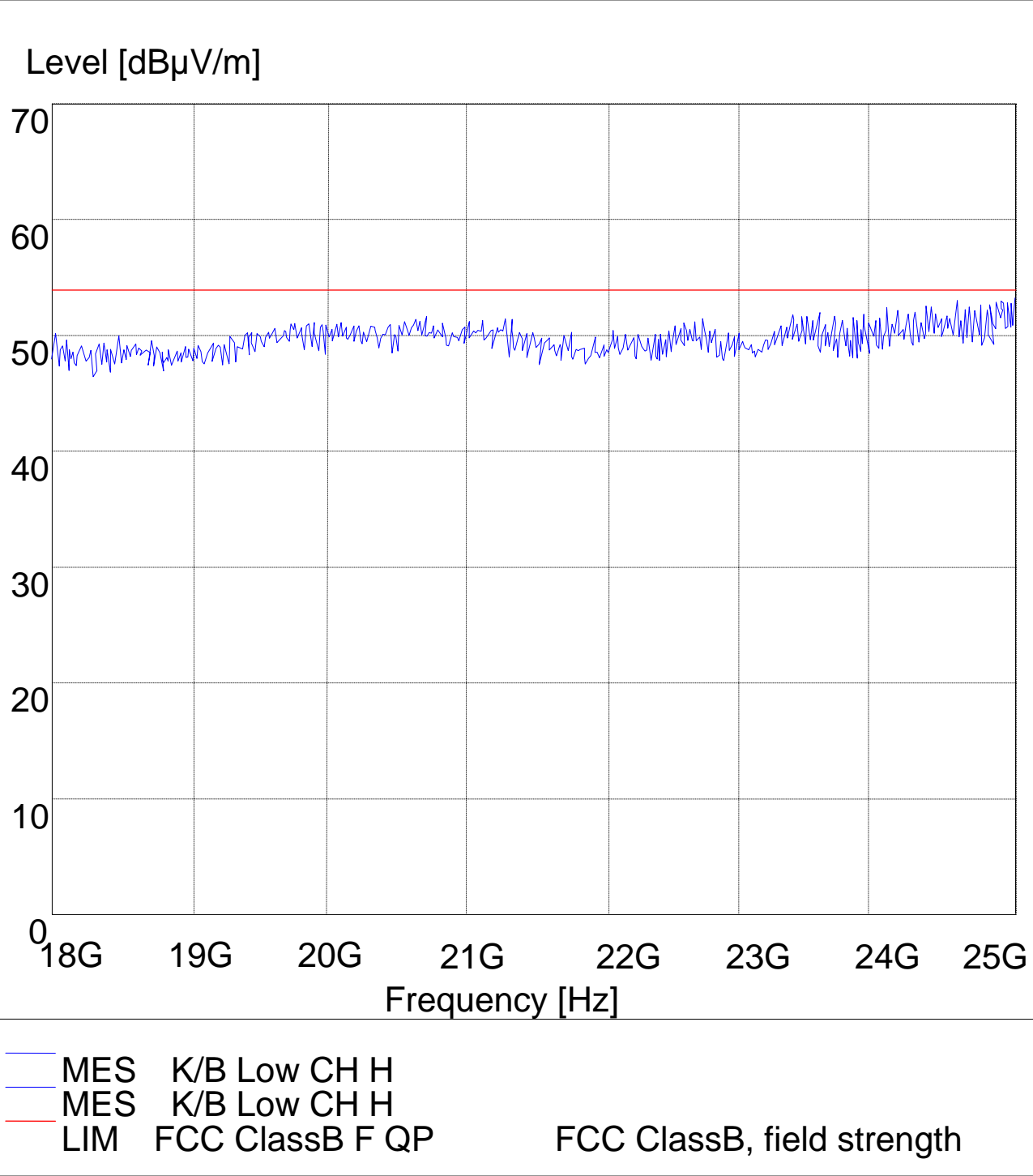
Horizontal



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18-25G

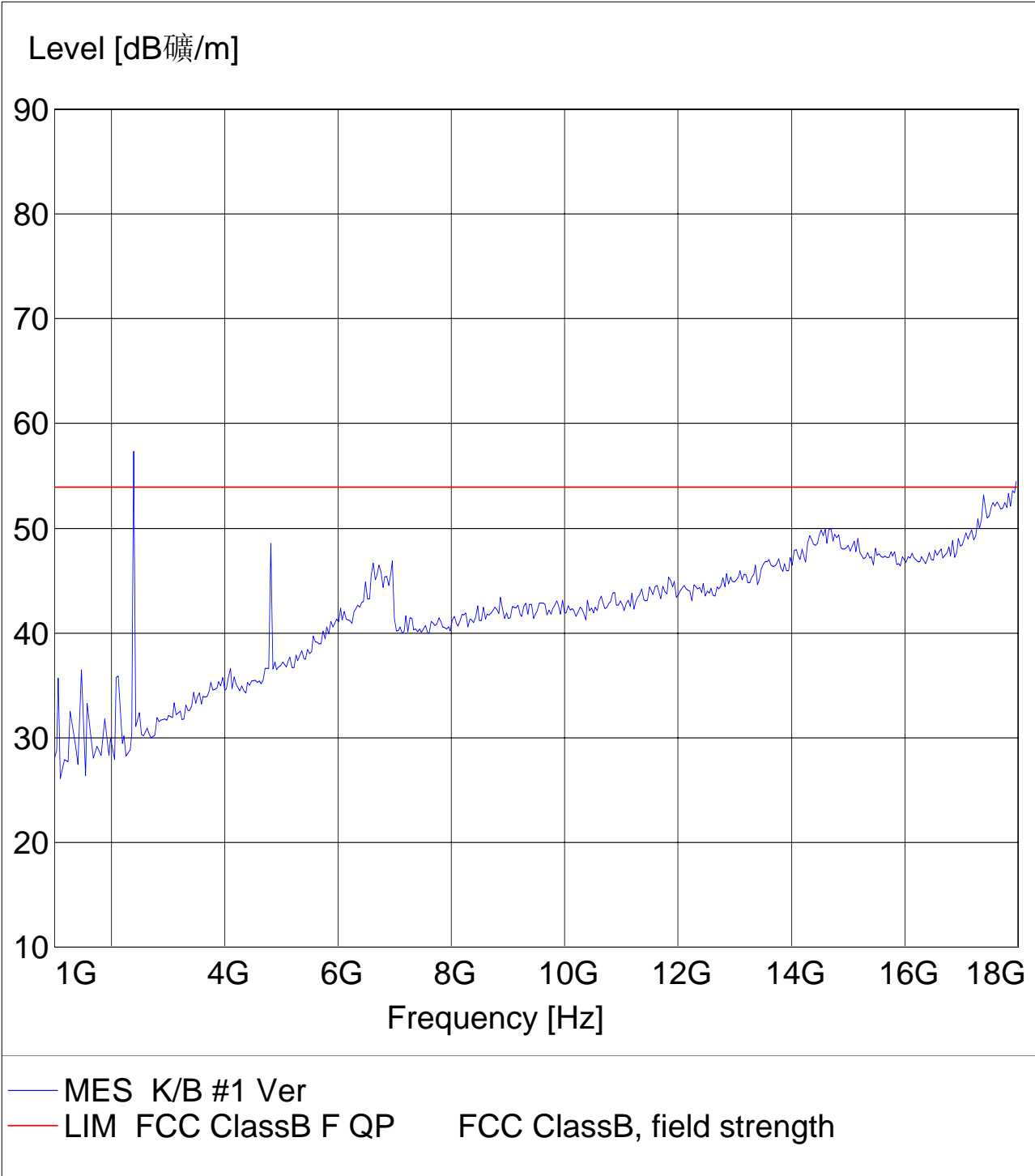


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Low Channel

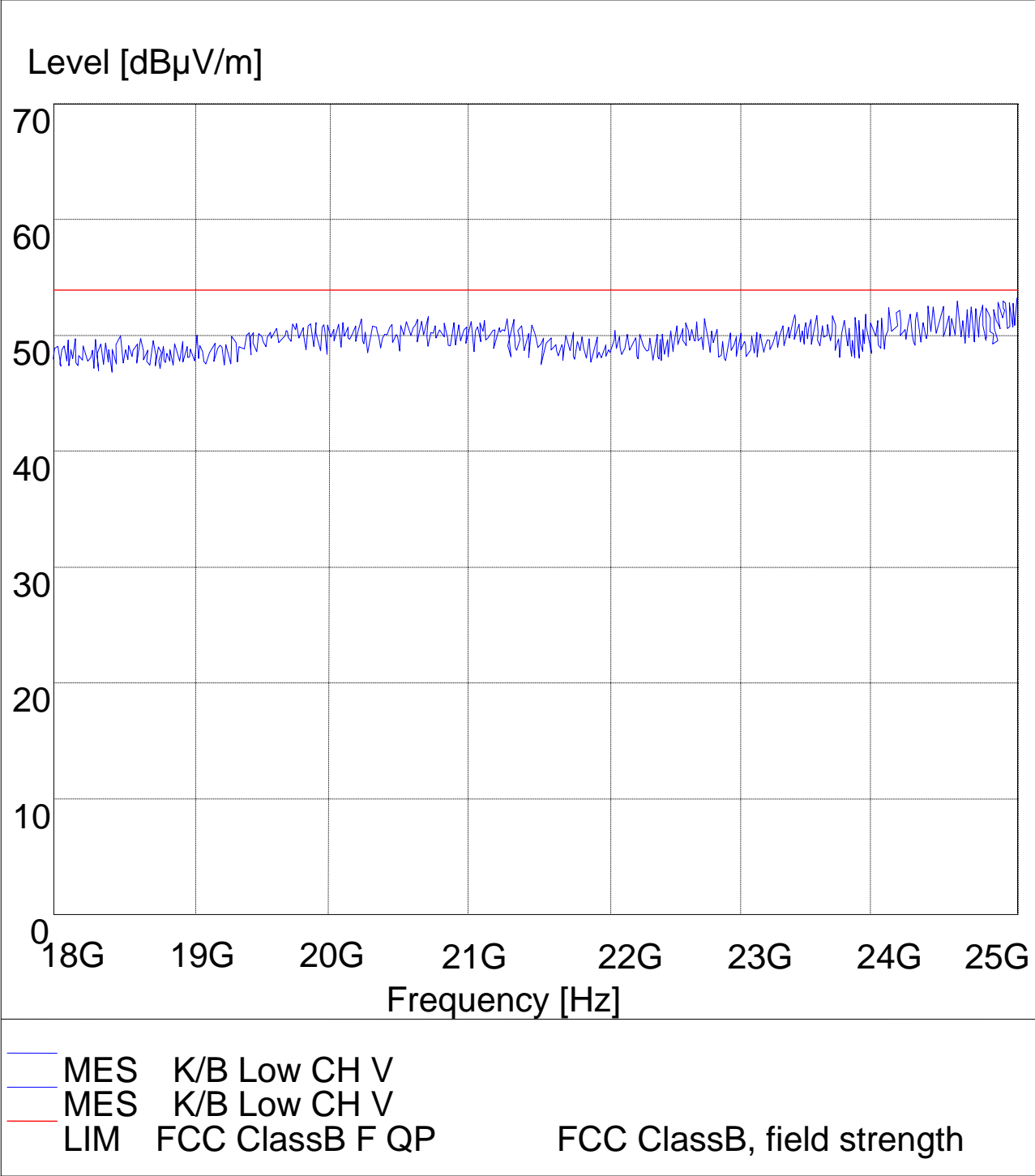
Vertical



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18-25G

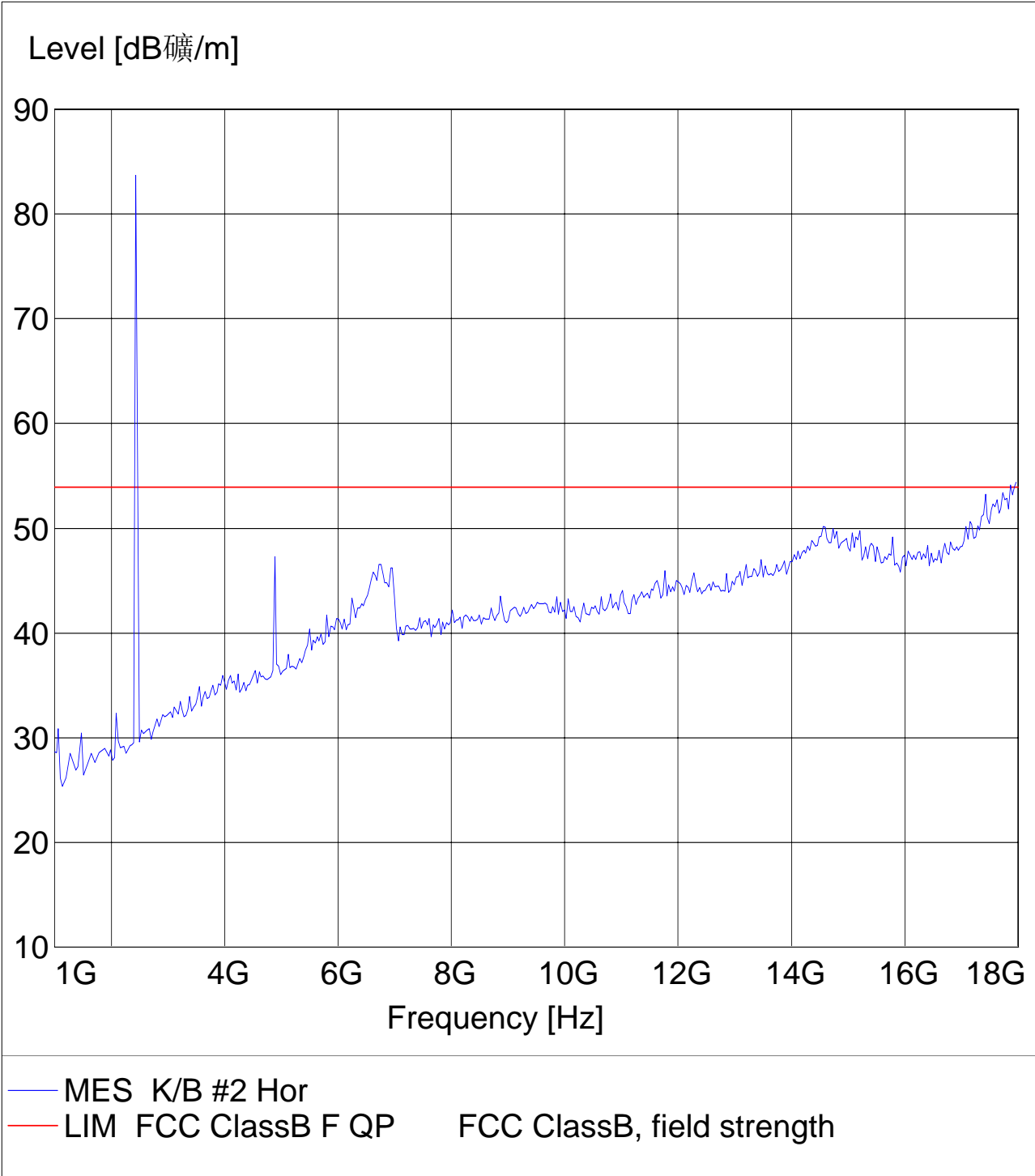


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Middle Channel

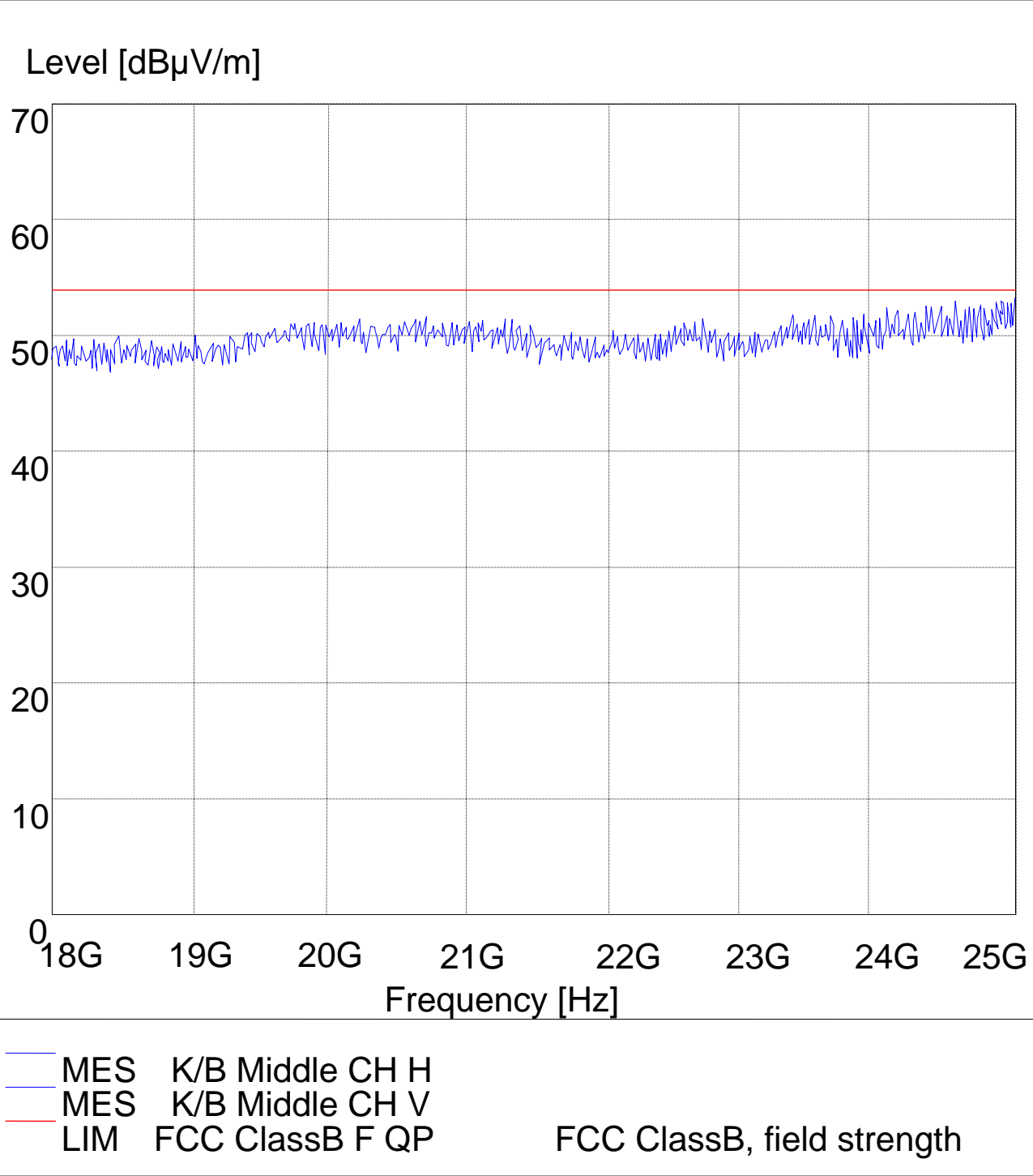
Horizontal



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18-25G

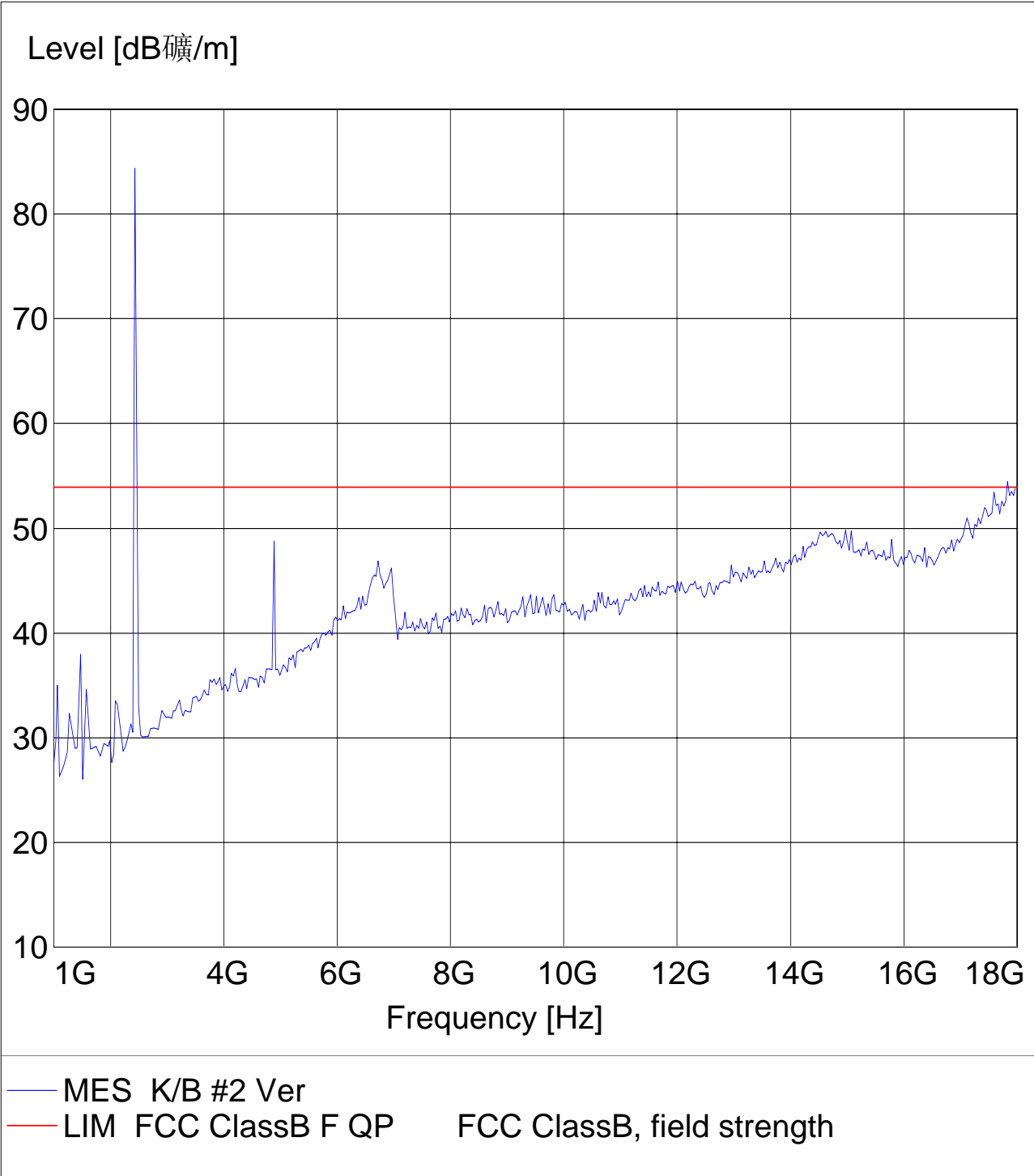


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Middle Channel

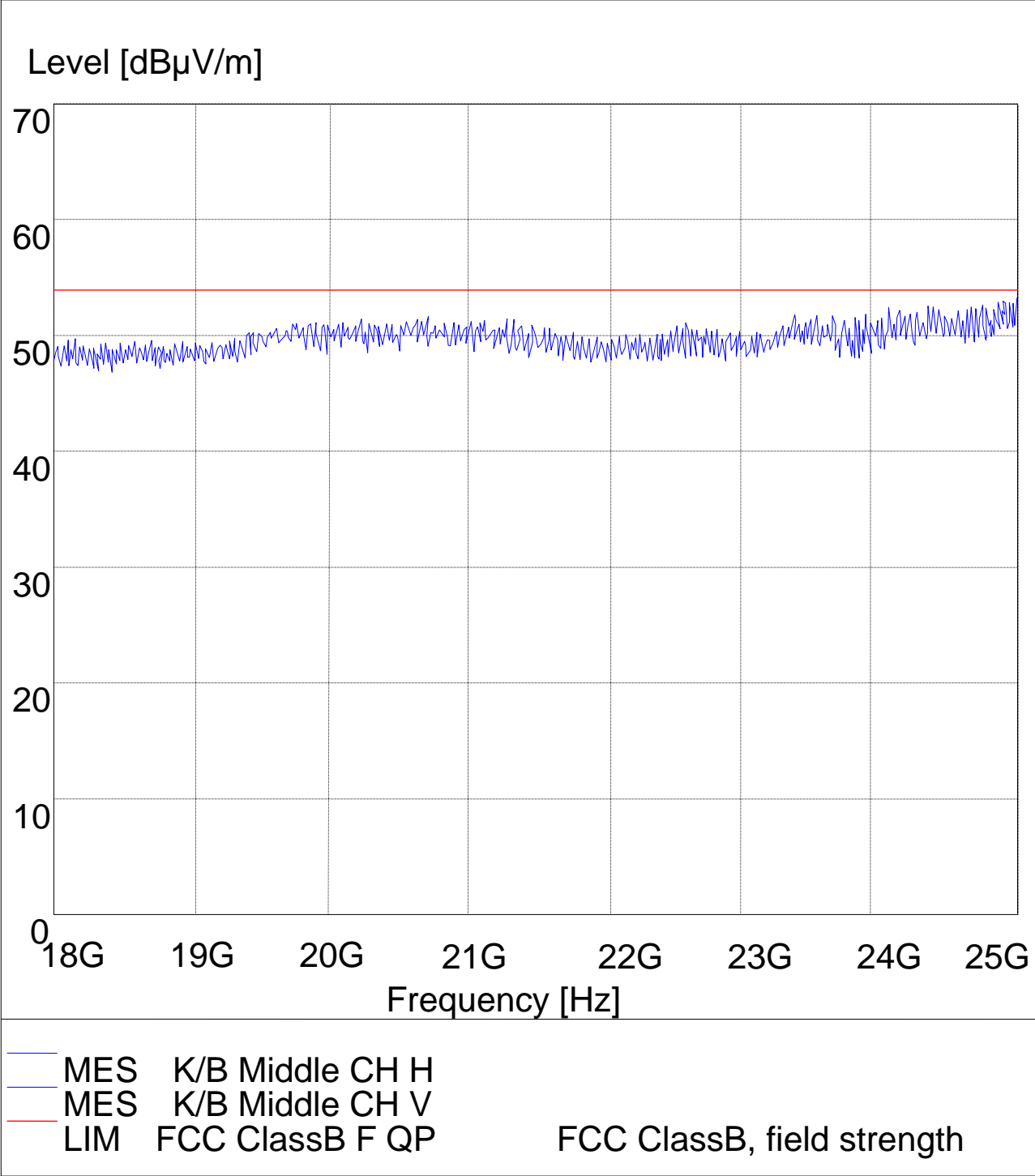
Vertical



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18-25G

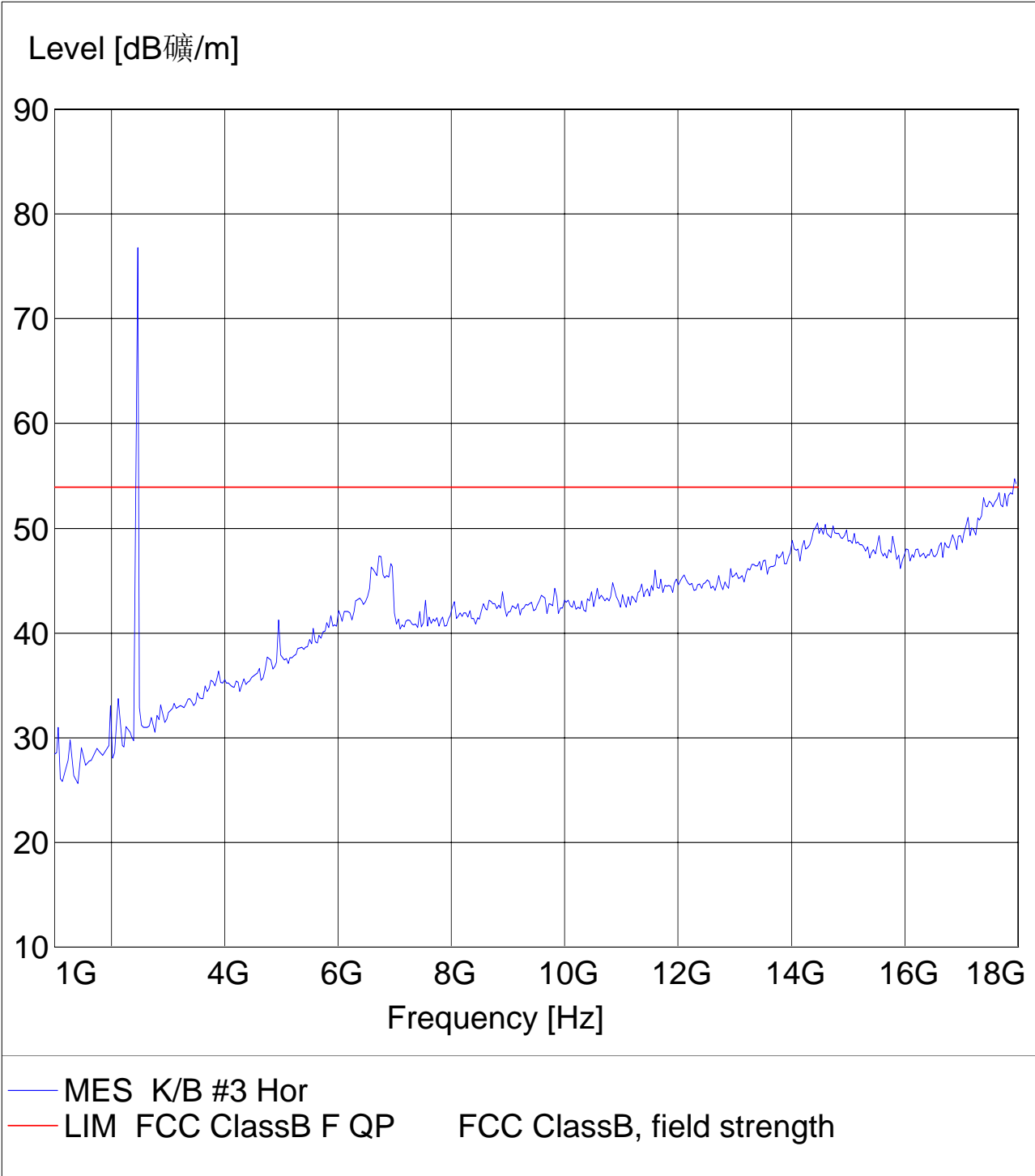


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High Channel

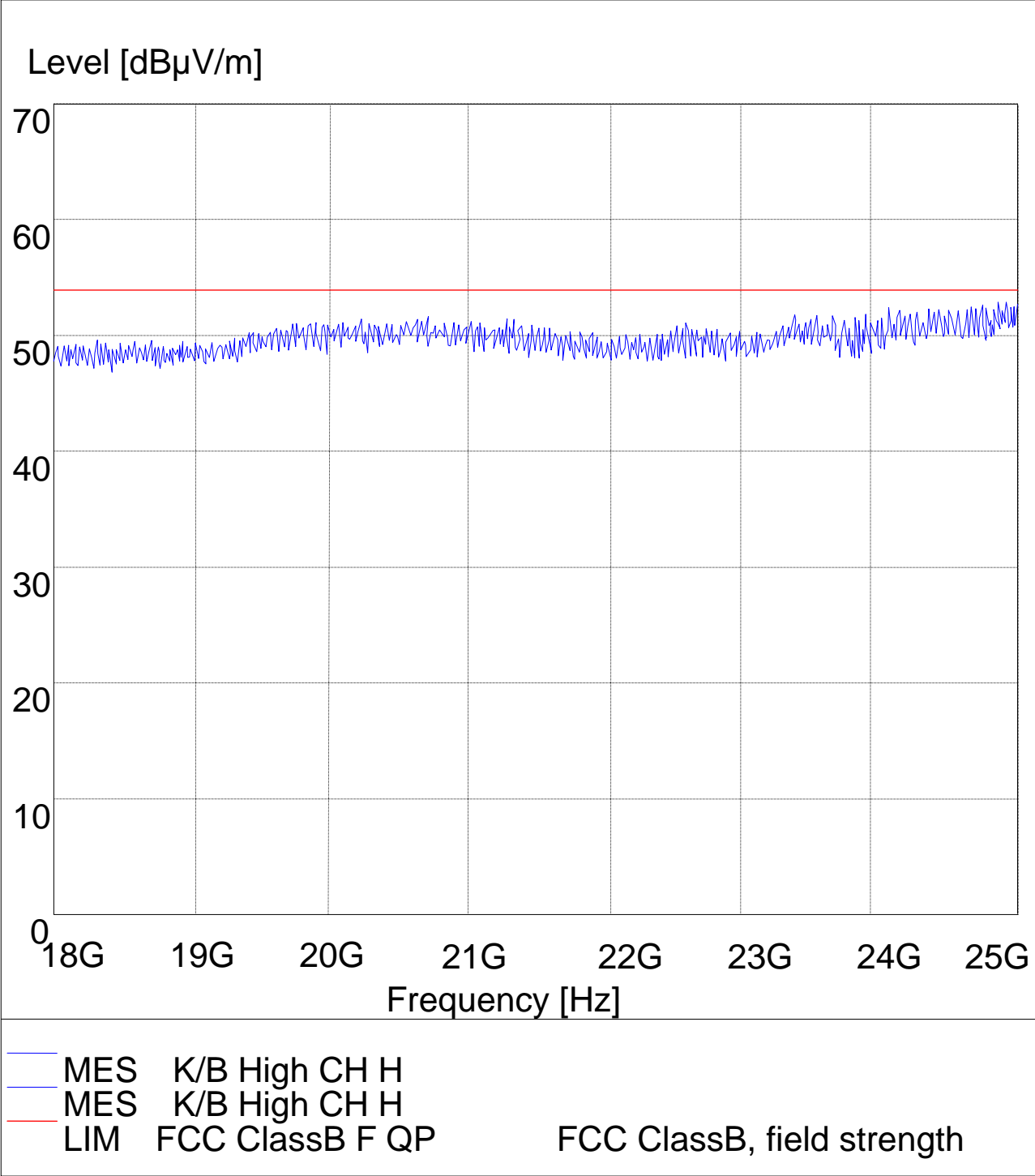
Horizontal



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18-25G

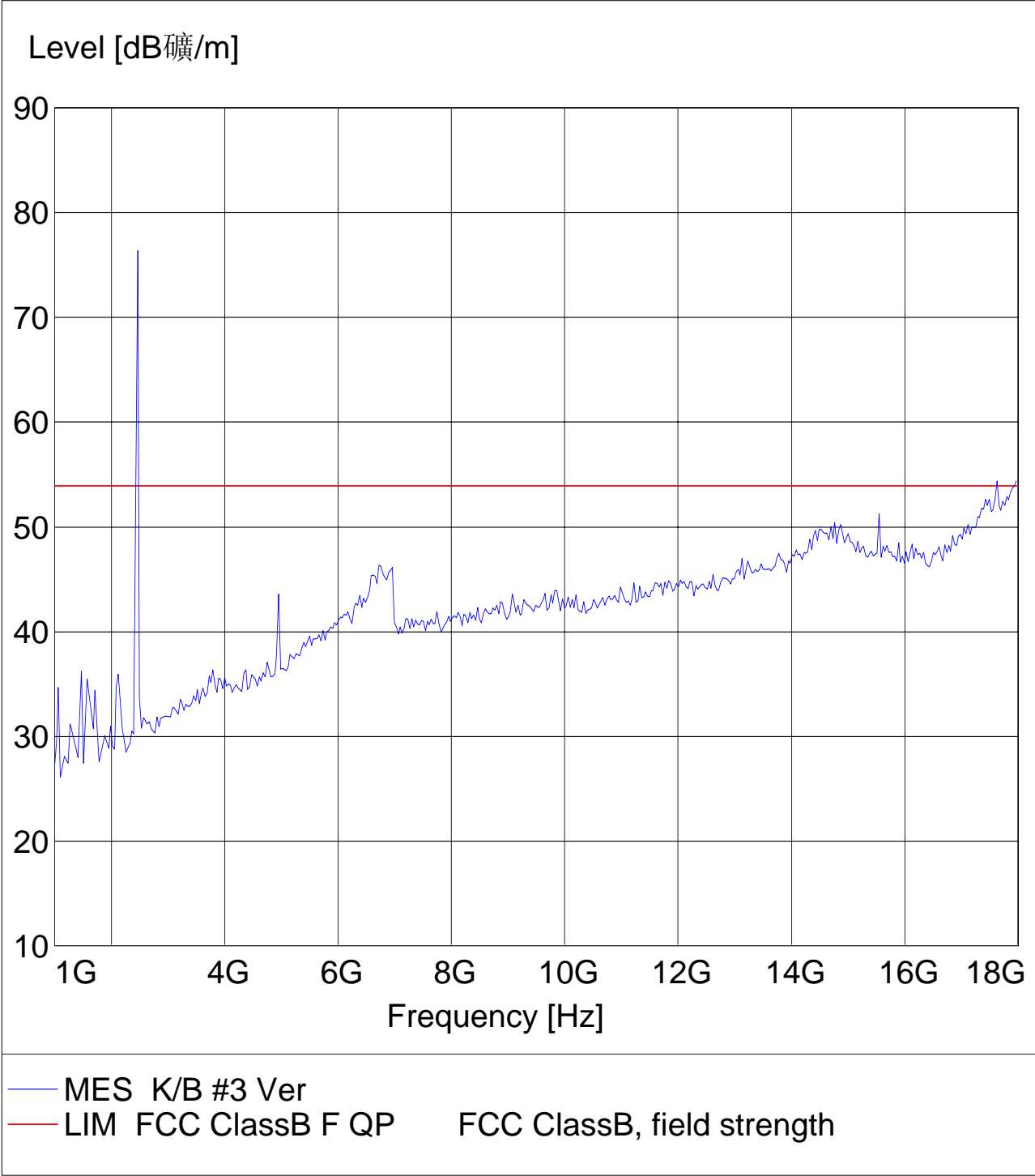


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High Channel

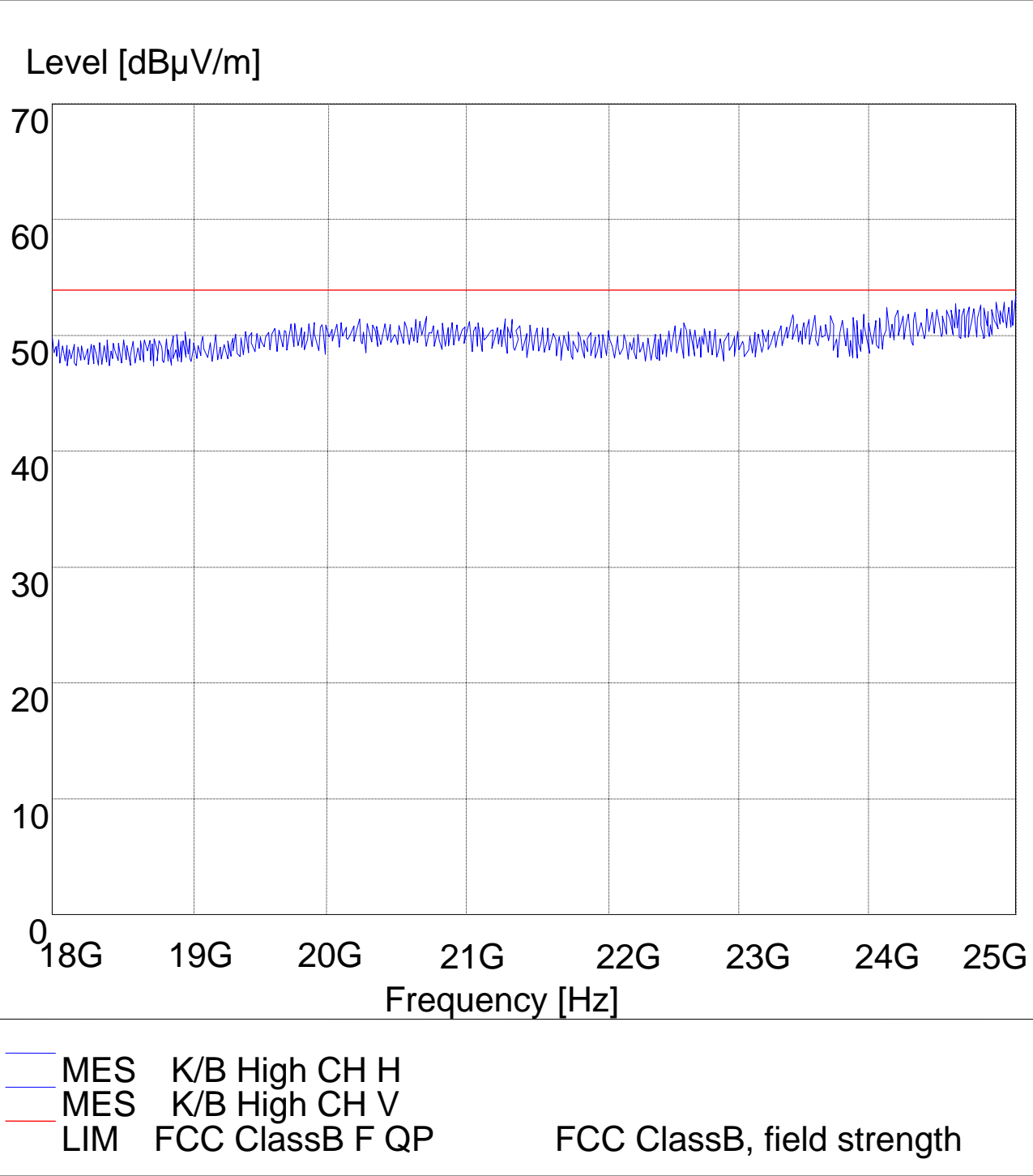
Vertical



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18-25G



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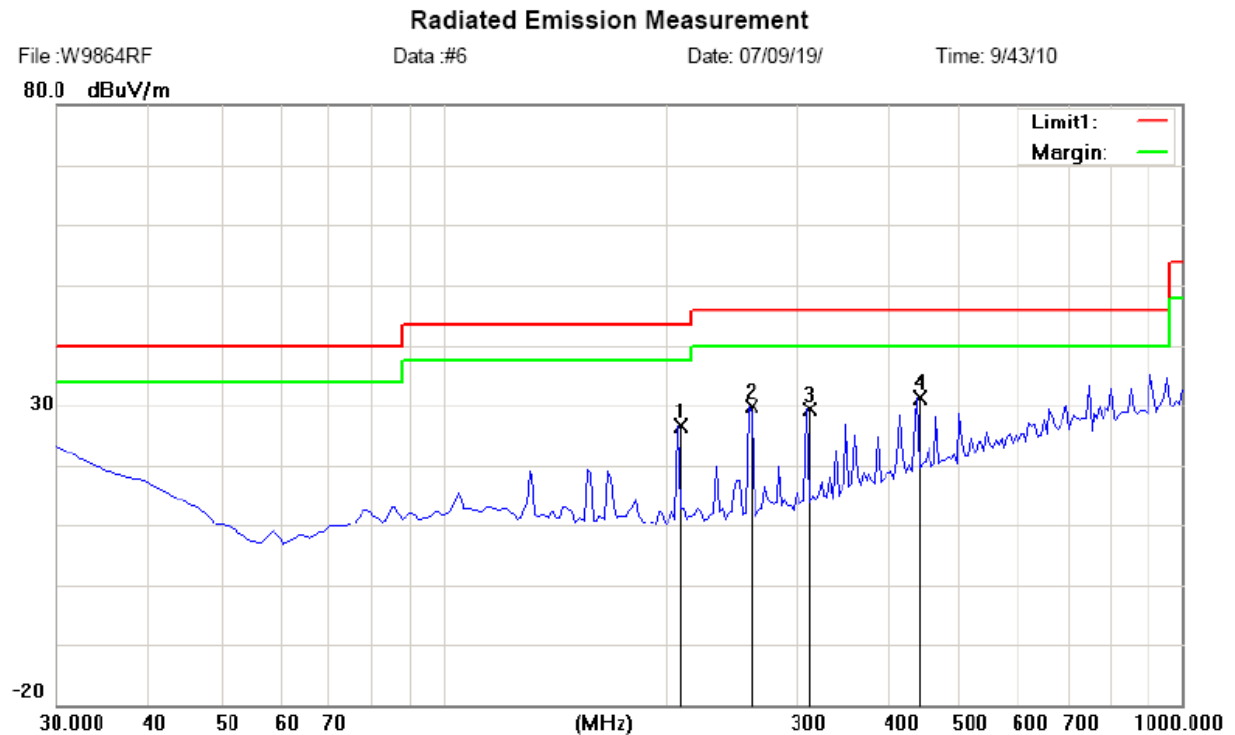
Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Mode: Low Channel

Results: Pass

Please refer to following diagram for individual



| Frequency (MHz) | Level@3m (dB μ V/m) | Antenna Polarity | Limit@3m (dB μ V/m) |
|-----------------|-------------------------|------------------|-------------------------|
| 209.450 | 26.75 | H | 43.50 |
| 260.375 | 29.90 | H | 46.00 |
| 313.725 | 29.44 | H | 46.00 |
| 442.250 | 31.47 | H | 46.00 |

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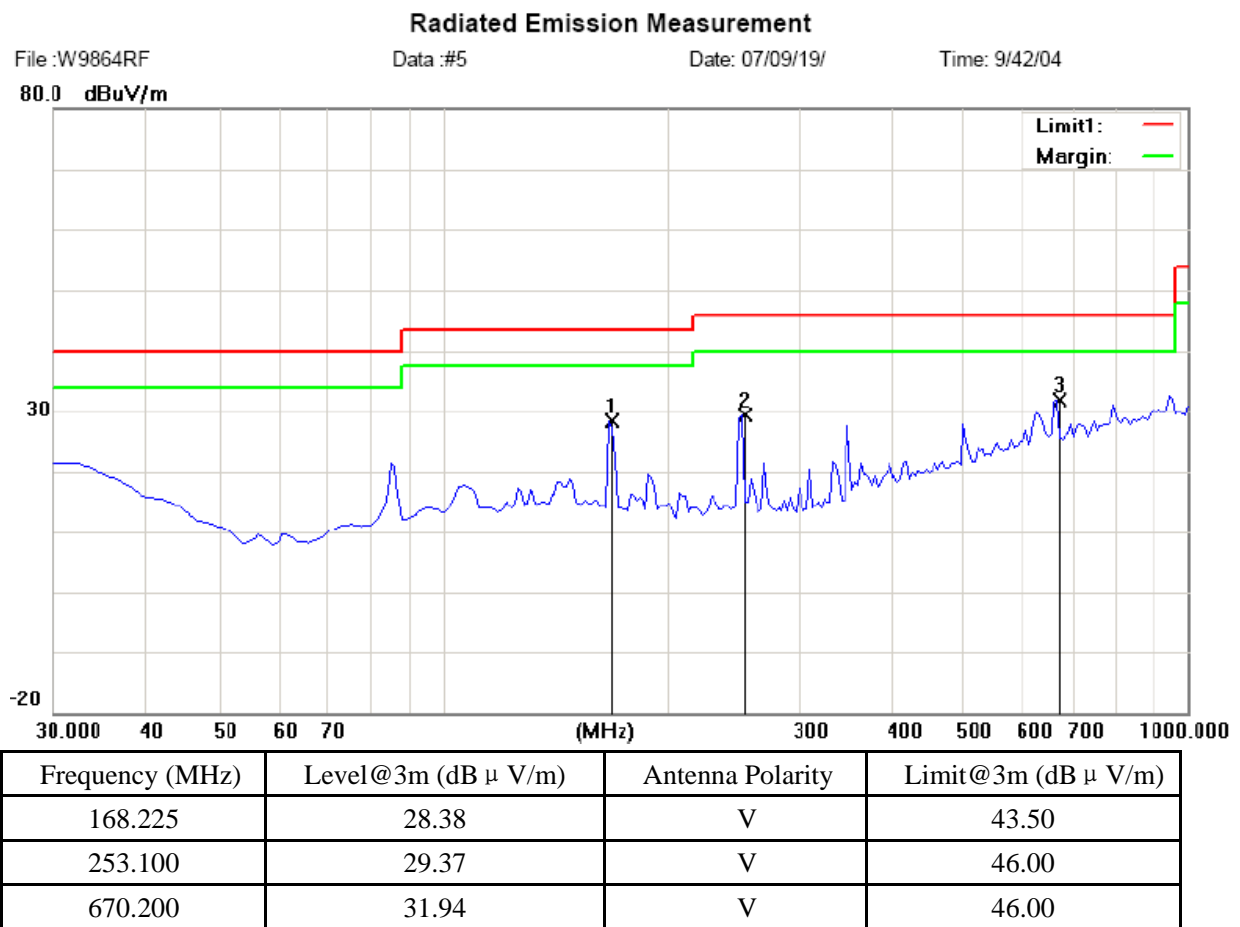
B. General Radiated Emission Data
Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Mode: Low Channel

Results: Pass

Please refer to following diagram for individual



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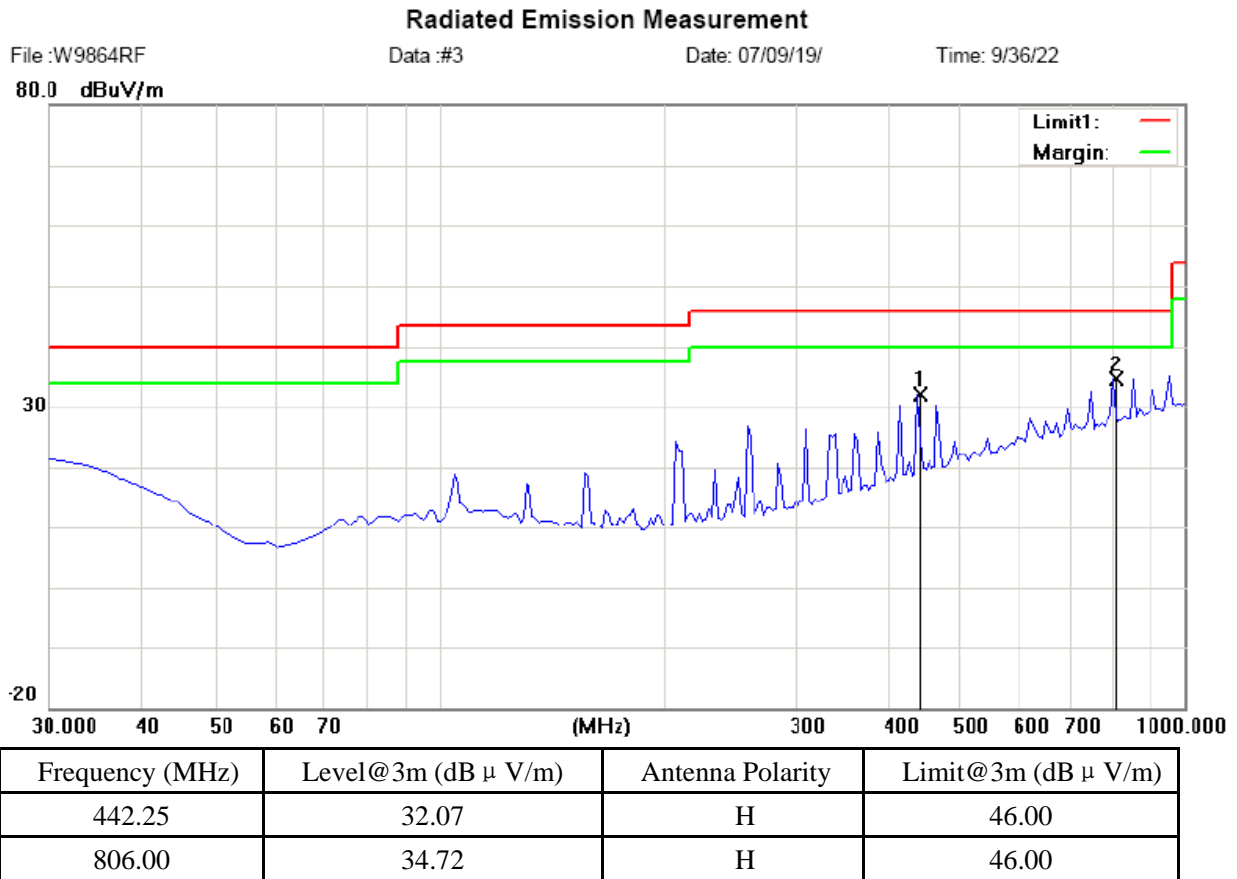
Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Mode: Middle Channel

Results: Pass

Please refer to following diagram for individual



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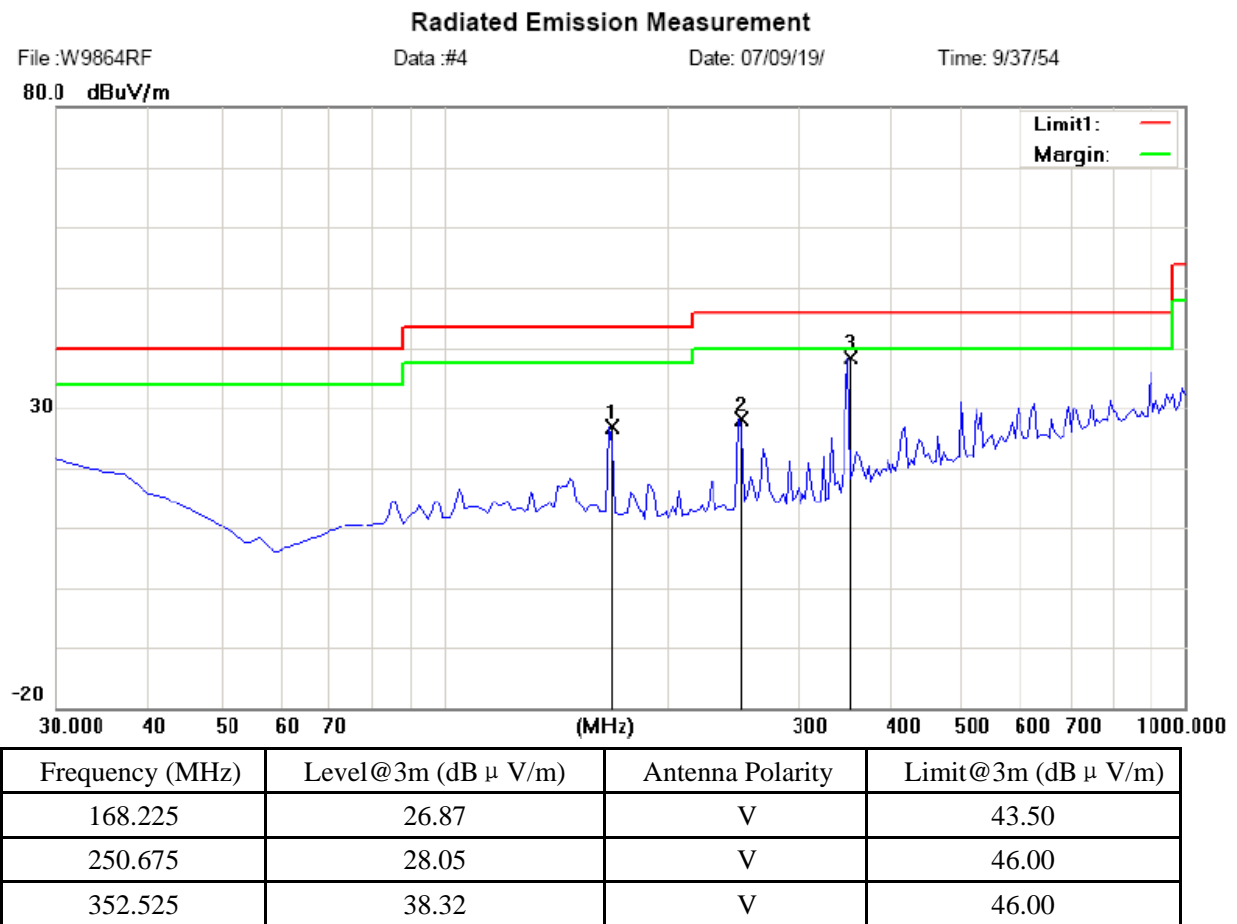
B. General Radiated Emission Data
Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Mode: Middle Channel

Results: Pass

Please refer to following diagram for individual



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**Radiated Emission In Horizontal (30MHz----1000MHz)**

EUT set Condition: Keep Tx transmitting

Mode: High Channel

Results: Pass

Please refer to following diagram for individual

Radiated Emission Measurement

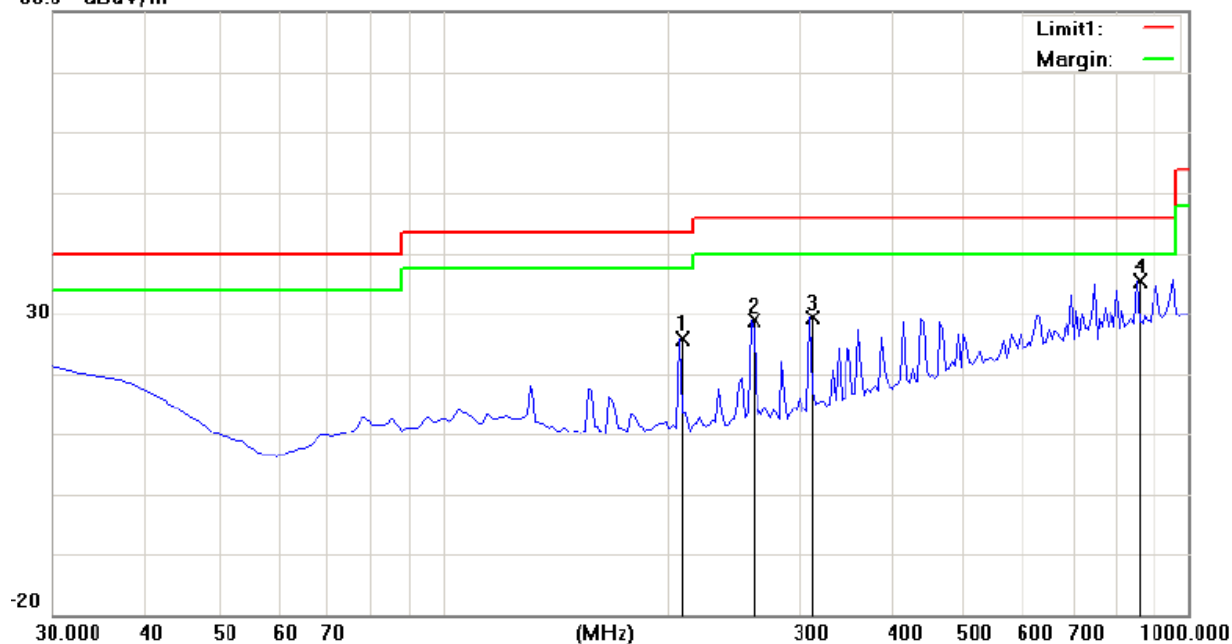
File :W9864RF

Data :#2

Date: 07/09/19/

Time: 9/32/22

80.0 dBuV/m



| Frequency (MHz) | Level@3m (dB μ V/m) | Antenna Polarity | Limit@3m (dB μ V/m) |
|-----------------|-------------------------|------------------|-------------------------|
| 209.450 | 25.91 | H | 43.50 |
| 260.375 | 28.76 | H | 46.00 |
| 313.725 | 29.33 | H | 46.00 |
| 958.35 | 35.37 | H | 46.00 |

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B. General Radiated Emission Data

Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Mode: High Channel

Results: Pass

Please refer to following diagram for individual

Radiated Emission Measurement

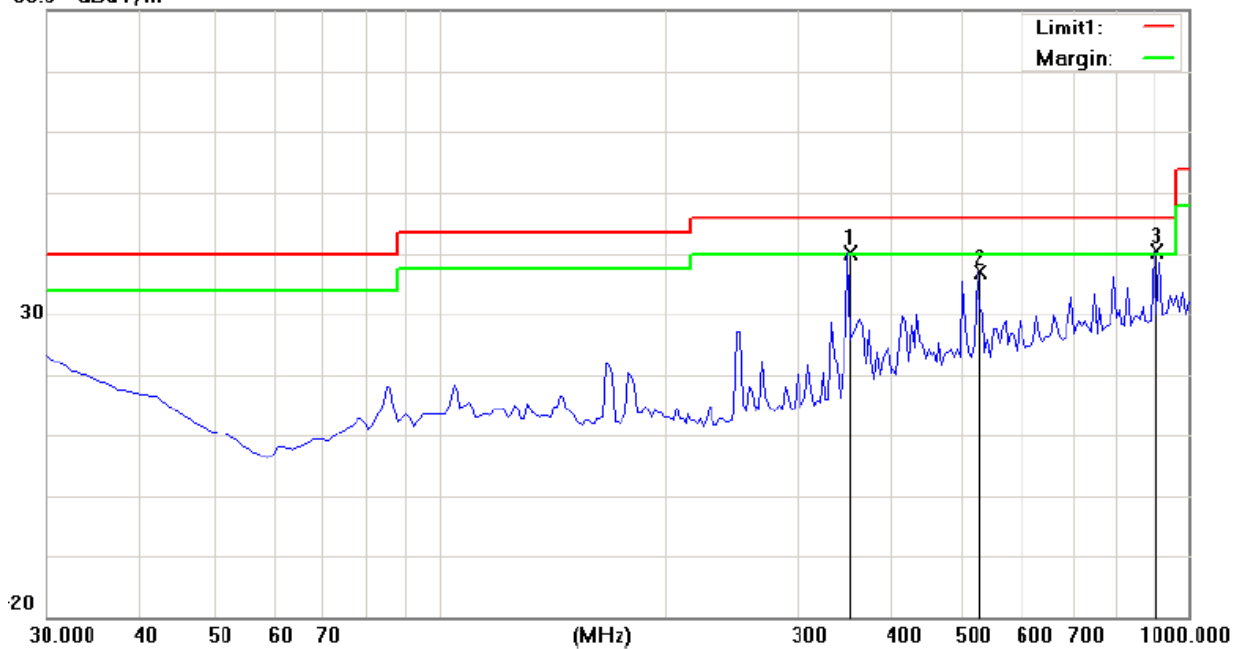
File :W9864RF

Data :#1

Date: 07/09/19/

Time: 9/31/12

80.0 dBuV/m



| Frequency (MHz) | Level@3m (dB μ V/m) | Antenna Polarity | Limit@3m (dB μ V/m) |
|-----------------|---------------------|------------------|---------------------|
| 352.525 | 40.12 | V | 46.00 |
| 527.125 | 36.96 | V | 46.00 |
| 900.575 | 40.28 | V | 46.00 |

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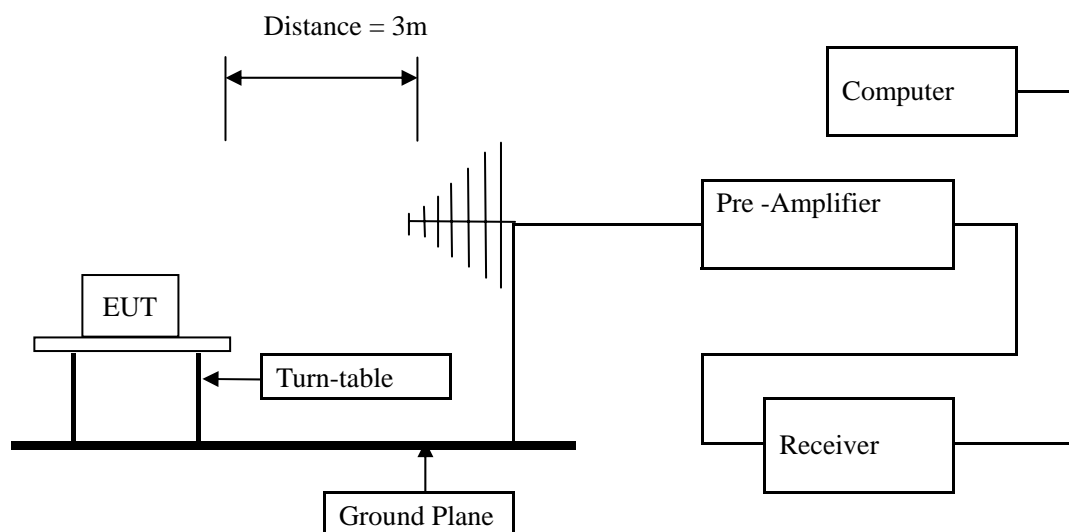


7. Band Edge

7.1 Test Method and test Procedure:

- (1) The EUT was tested according to ANSI C63.4 –2001. The radiated test was performed at Timeway Laboratory. This site is on file with the FCC laboratory division, Registration No.899988
- (2) The frequency spectrum from 30 MHz to 1 GHz was investigated. All readings from 30 MHz to 1 GHz are quasi-peak values with a resolution bandwidth of 120 kHz. All readings are above 1 GHz , peak values with a resolution bandwidth of 1 MHz . Measurements were made at 3 meters.
- (3) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (4) Maximizing procedure was performed on the six (6) highest emissions to ensure EUT compliance is with all installation combinations. All data was recorded in the peak detection mode. Quasi-peak readings was performed only when an emission was found to be marginal (within -4 dB of specification limit), and are distinguished with a "QP" in the data table.
- (5) The antenna polarization : Vertical polarization and Horizontal polarization.

7.2 Radiated Test Setup



For the actual test configuration , please refer to the related items – Photos of Testing

7.3 Configuration of The EUT

Same as section 5.3 of this report

7.4 EUT Operating Condition

Same as section 5.4 of this report.

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7.5 Band Edge Limit

In any 100kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 50dB below that in the 100kHz, bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, Attenuation below the general limits specified in Section 15.209(a) is not required. 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)).

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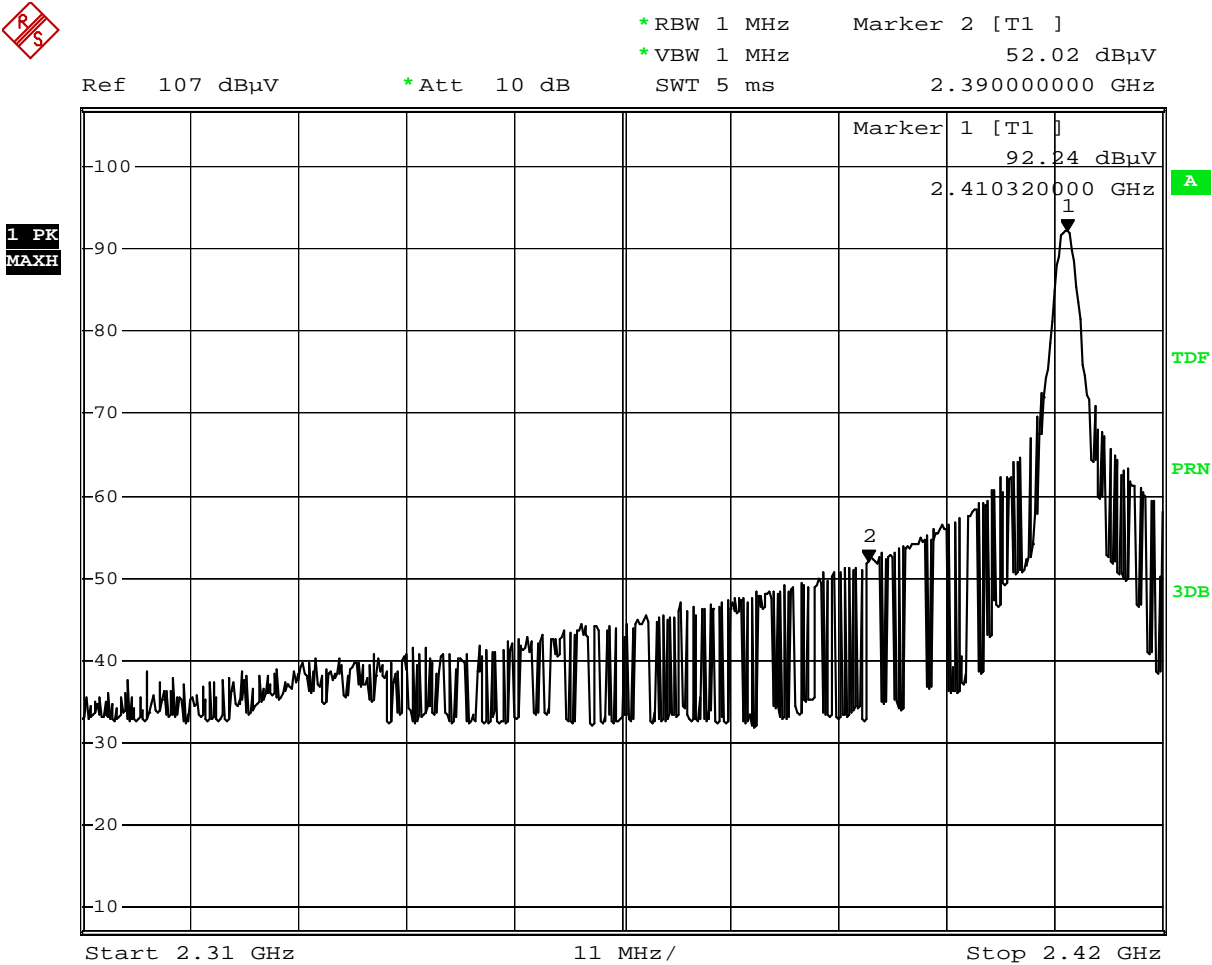
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7.6 Band Edge Test Result

| | | | |
|---------------|------------------------------------|--------------|-------------|
| Product: | Wireless Keyboard | Test Mode: | Low Channel |
| Test Item: | Fundamental Radiated Emission Data | Temperature: | 25℃ |
| Test Voltage: | 3VDC | Humidity: | 56% |
| Test Result: | Pass | Detector | PK |

Test Figure:



Date: 20.SEP.2007 09:45:39

Note (Peak)

The band edge emission plot on the following first page shows 40.22dBc between carrier maximum power and local maximum emission in restrict band. The emission of carrier strength list in the test result of high channel is 80.8dBuV/m (Peak), so the maximum field strength in restrict band is 80.8-40.22=40.58dBuV/m which is under 74dBuV/m limit.

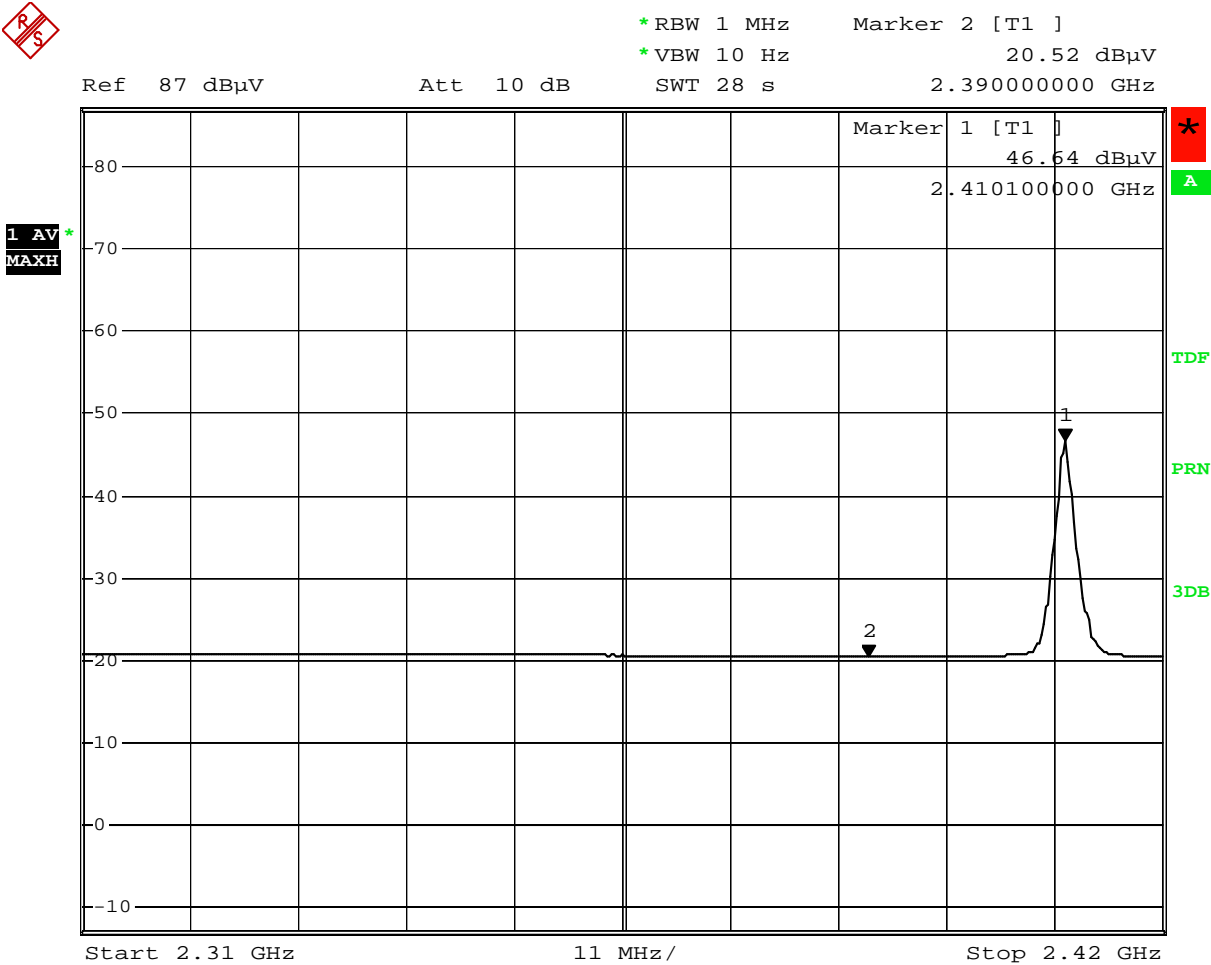
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7.6 Band Edge Test Result

| | | | |
|---------------|------------------------------------|--------------|-------------|
| Product: | Wireless Keyboard | Test Mode: | Low Channel |
| Test Item: | Fundamental Radiated Emission Data | Temperature: | 25℃ |
| Test Voltage: | 3VDC | Humidity: | 56% |
| Test Result: | Pass | Detector | AV |

Test Figure:



Date: 22.SEP.2007 10:25:16

Note (Average):

The band edge emission plot on the following second page shows 26.12dBc between carrier maximum power and local maximum emission in restrict band. The emission of carrier strength list in the test result of high channel is 60.3dBuV/m (Average), so the maximum field strength in restrict band is 60.3-26.12=34.18dBuV/m which is under 54dBuV/m limit.

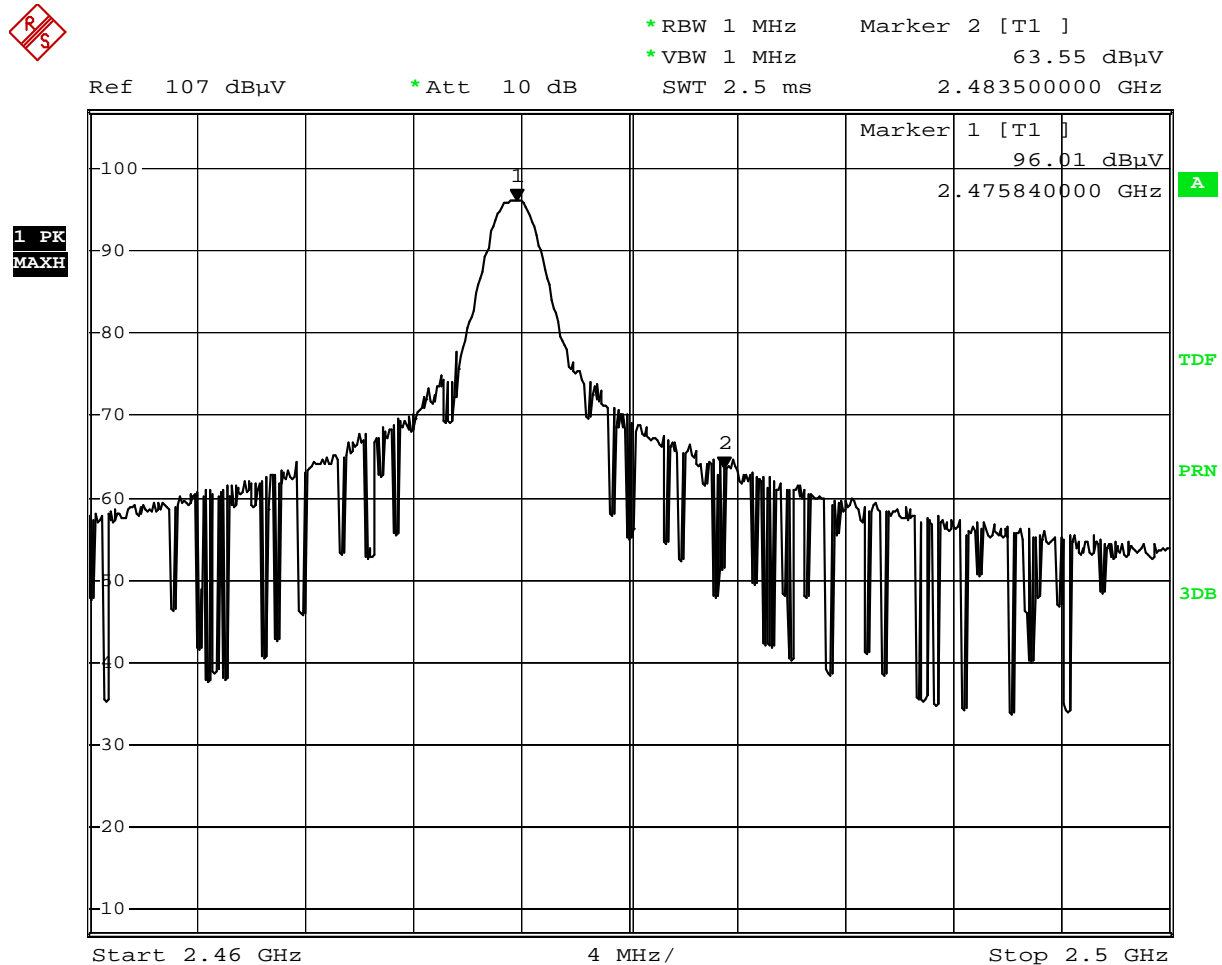
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7.6 Band Edge Test Result

| | | | |
|---------------|------------------------------------|--------------|--------------|
| Product: | Wireless Keyboard | Test Mode: | High Channel |
| Test Item: | Fundamental Radiated Emission Data | Temperature: | 25°C |
| Test Voltage: | 3VDC | Humidity: | 56% |
| Test Result: | Pass | Detector | PK |

Test Figure:



Date: 20.SEP.2007 09:39:54

Note (Peak)

The band edge emission plot on the following first page shows 32.46dBc between carrier maximum power and local maximum emission in restrict band. The emission of carrier strength list in the test result of high channel is 90.8dBuV/m (Peak), so the maximum field strength in restrict band is $90.8 - 32.46 = 58.34$ dBuV/m which is under 74dBuV/m limit.

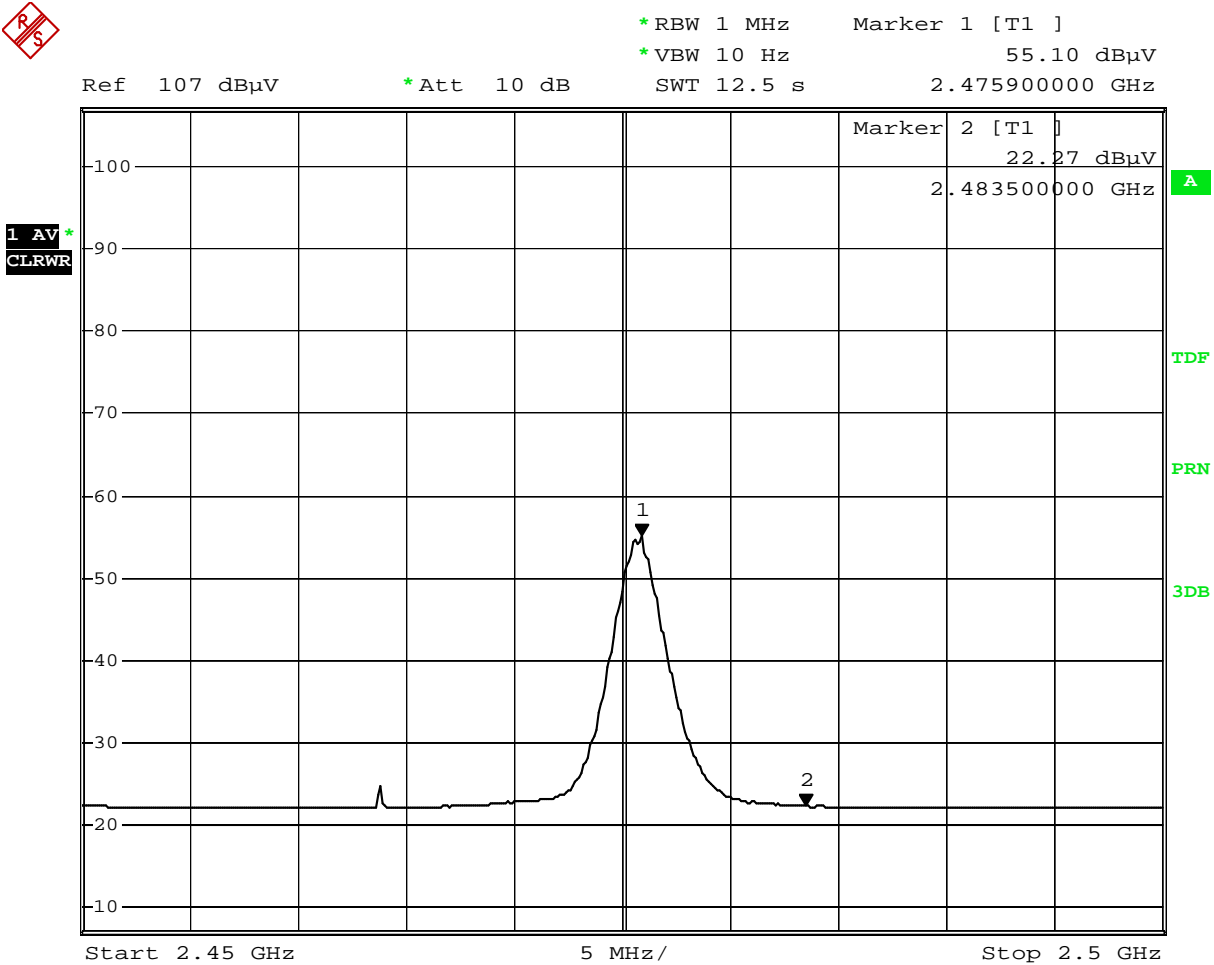
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7.6 Band Edge Test Result

| | | | |
|---------------|------------------------------------|--------------|--------------|
| Product: | Wireless Keyboard | Test Mode: | High Channel |
| Test Item: | Fundamental Radiated Emission Data | Temperature: | 25℃ |
| Test Voltage: | 3VDC | Humidity: | 56% |
| Test Result: | Pass | Detector | AV |

Test Figure:



Date: 24.SEP.2007 15:32:53

Note (Average):

The band edge emission plot on the following second page shows 32.83dBc between carrier maximum power and local maximum emission in restrict band. The emission of carrier strength list in the test result of high channel is 68.2dBuV/m (Average), so the maximum field strength in restrict band is 68.2-32.83=35.37dBuV/m which is under 54dBuV/m limit.

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8.0 FCC ID Label

FCC ID: SJ6KBWJ20070905

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The label must not be a stick-on paper label. The label on these products must be permanently affixed to the product and readily visible at the time of purchase and must last the expected lifetime of the equipment not be readily detachable.

Mark Location:



FCC ID Label Location

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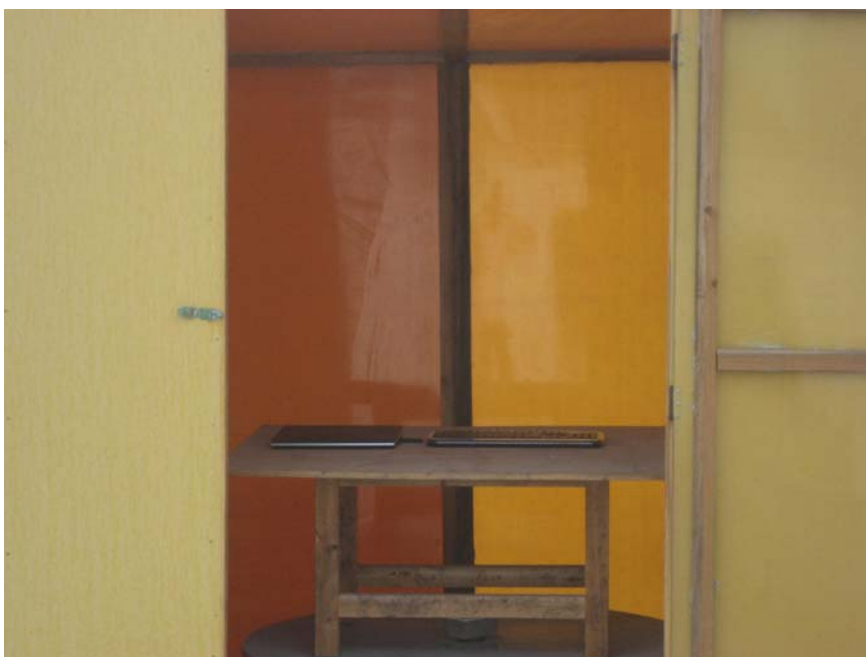


9.0 Photo of testing

9.1 Conducted test View--

N/A

9.2 Radiated emission test view



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9.3 Photo for the EUT

Outside View



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Outside View



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Interior View



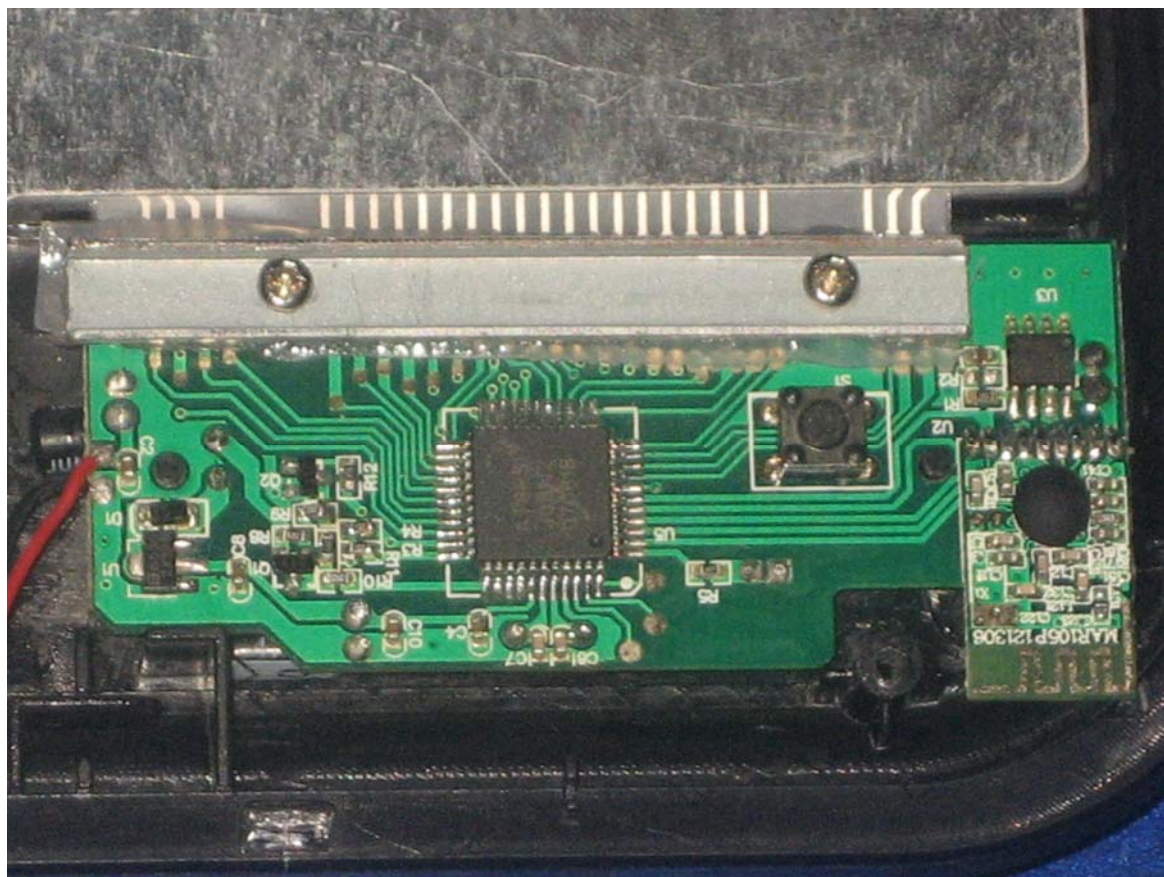
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Interior View



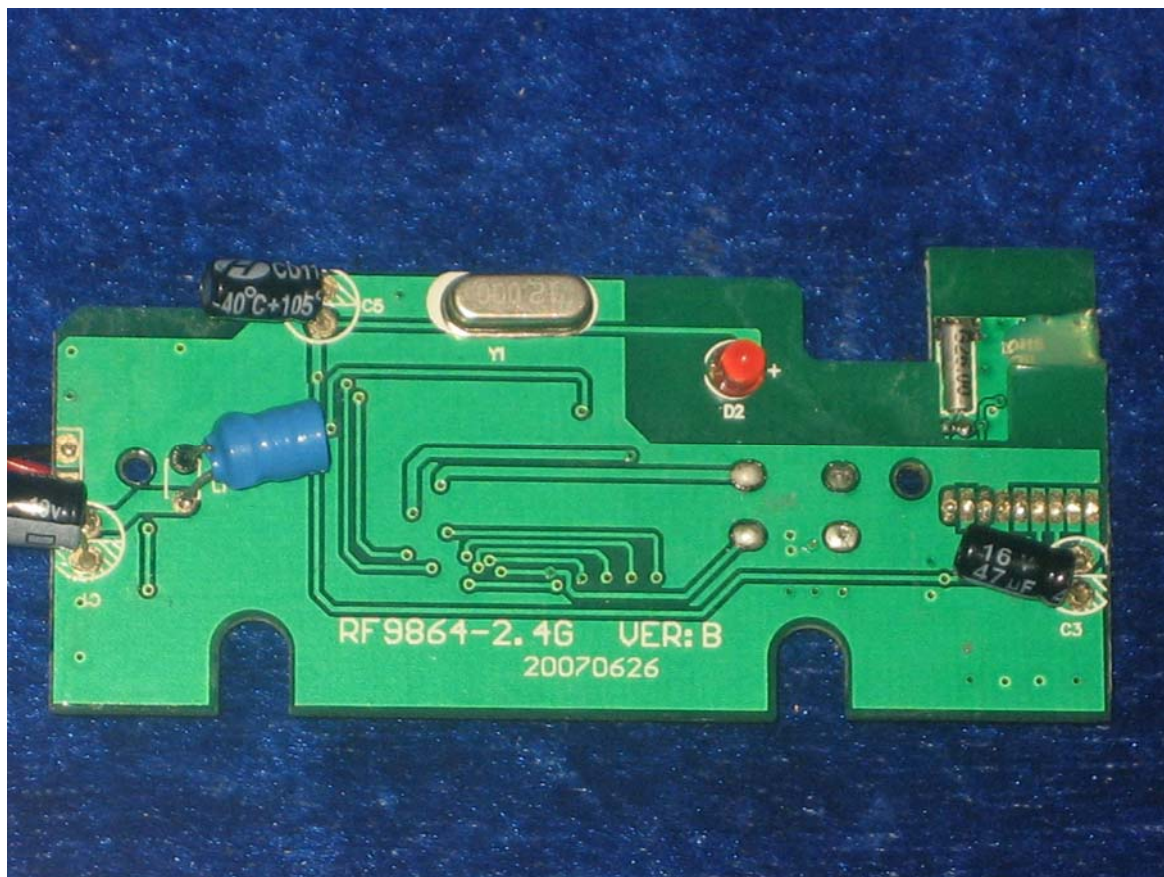
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Interior View



--End of the report--

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