

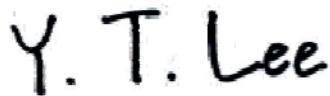
TEST REPORT

According to : FCC 47CFR part 15 subpart C

Test Report No. : CTK-2014-00184-1
Date of Issue : March 4, 2014
FCC ID : 2ABS5-EWC-3000
Equipment Under Test : EWC-3000
Kind of Product : Wireless Car Charging Mount
Applicant : HSM CO., LTD.
Applicant Address : 2F Yeong-jae Bldg., 40, Nonhyeon-ro 24gil, Gangnam-gu, Seoul, 135-855, Korea
Manufacturer : HSM CO., LTD.
Manufacturer Address : 2F Yeong-jae Bldg., 40, Nonhyeon-ro 24gil, Gangnam-gu, Seoul, 135-855, Korea
Contact Person : Gyu Gwang, Choi / Project Manager
Telephone : +82-2-573-5466
Received Date : February 7, 2014
Test period : Start : February 7, 2014 End : February 18, 2014
Test Results : In Compliance Not in Compliance

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

Tested by



Young-tae Lee
Test Engineer
Date: March 4, 2014

Reviewed by



Young-Joon, Park
Technical Manager
Date: March 4, 2014

REPORT REVISION HISTORY

| Date | Revision | Page No |
|-------------------|--|---------|
| February 18, 2014 | Issued (CTK-2014-00184) | All |
| March 4, 2014 | Issued (CTK-2014-00184-1) Update Summary of tests | All |
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1.0 General Product Description

| | |
|----------------------|--|
| Type of equipment | Wireless Car Charging Mount |
| Equipment model name | EWC-3000 |
| Frequency Range | 110 kHz – 205 kHz |
| Antenna type | Coil antenna |
| Power Source | <p>CAR ADAPTER</p> <p>Input : DC 12 V - 24 V</p> <p>Output : DC 5 V, 2.0 A</p> <p>Test Voltage and Frequency : DC 5 V, -</p> |

1.1 Model Differences

Not applicable

1.2 Device Modifications

The following modifications were necessary for compliance:

Not applicable

1.3 Peripheral Devices

| Device | Manufacturer | Model No. | Serial No. | FCC ID or DoC |
|-------------------------|-------------------------------|------------|---------------|---------------|
| CAR ADAPTER | HAEM Co., Ltd. | ECA-P10XBK | DW1D521DS/B-E | - |
| Test Jig | S-MOBILE TECH CO., LTD. | - | - | - |
| Wireless Charging Cover | OPENTECH Inc. | OWC-300R | - | - |
| Wireless Charging Cover | RFTech Co., Ltd. | EBC-1G6WWE | RT0C802AS/4-E | - |
| Mobile Phone | Samsung Electronics Co., Ltd. | SCH-I535 | - | A3LSCHI535 |

1.4 EUT Operating Modes

Equipment under test was operated during the measurement under the following conditions:

- Charging and communication mode

Modulation Type : CW (Continuous Wave)

Output Power : Max. 10.48 dBuV/m (Frequency 115.4 kHz, Test Distance 3 m)

TX Duty Cycle : 100 % by measurement

1.5 Test Modes

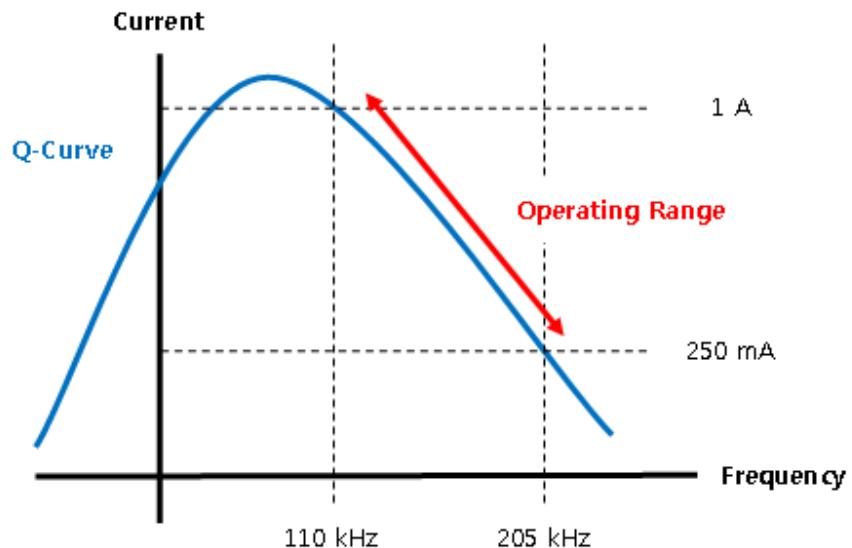
This device has been tested below conditions:

[Test Mode #1]

| Frequency | Charging current | Note |
|-----------|------------------|-------------------------------|
| 110 kHz | 1 A | Low Frequency, Max. Load |
| 157.5 kHz | 650 mA | Middle Frequency, Medium Load |
| 205 kHz | 250 mA | High Frequency, Min. Load |

This device has been tested with the various resistors to simulate the various load conditions of the client device. The charging current was controlled from 250 mA (Min.) to 1 A (Max.) using the resistors and three types of Jig board with circular coil.

- 1) EUT has a range of the operating frequency from 110 kHz to 205 kHz and It has a range of the output current from 250 mA to 1 A when output voltage is DC 5 V.
- 2) If the operating frequency is 110 kHz, the maximum output current is 1 A and If the operating frequency is 205 kHz, the minimum output current is 250 mA.



- 3) To the simulation of the power transmission in from 110 kHz to 205 kHz. In the full range of the operating frequency, Normal operating condition, the test frequency is three which are the High, Middle and Low frequency of 110 kHz, 157.5 kHz and 205 kHz.
- 4) In order to operate EUT in three operating frequencies, three types of Test Jig were used.
- 5) The Wireless Charging Cover was used as Test Jig is actually used with the EUT.
- 6) The EUT to operate at a steady-state output current, the Wireless Charging Cover was not to combined with a smart phone. The DC output of the Wireless Charging Cover was connected to the resistor. As follows, the three types of Test Jig was prepared and tested.
- 7) Test Jig #1
Operating Frequency : 110 kHz, Output Voltage : DC 5 V, Output Current : 1 A
Calculation of resistor value : $I = \frac{V}{R}$, $1A = \frac{5V}{R}$, $R = \frac{5V}{1A}$, $R \approx 5 \Omega$
- 8) Test Jig #2
Operating Frequency : 157.5 kHz, Output Voltage : DC 5 V, Output Current : 0.625 A
Calculation of resistor value : $I = \frac{V}{R}$, $0.625A = \frac{5V}{R}$, $R = \frac{5V}{0.625A}$, $R \approx 7.69 \Omega$
- 9) Test Jig #3
Operating Frequency : 205 kHz, Output Voltage : DC 5 V, Output Current : 0.25 A
Calculation of resistor value : $I = \frac{V}{R}$, $0.25A = \frac{5V}{R}$, $R = \frac{5V}{0.25A}$, $R = 20 \Omega$

[Test Mode #2]

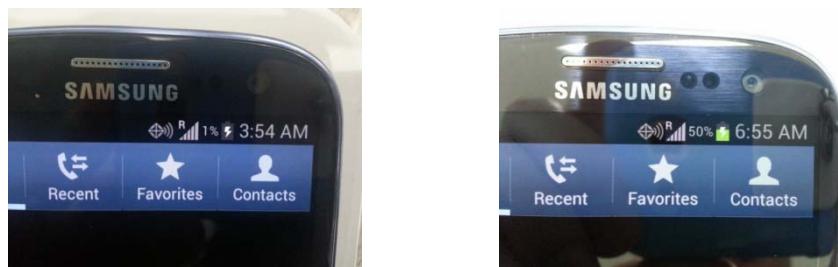
| Support Equipment | Battery status | Note |
|-------------------|----------------|-------------|
| Mobile Phone | < 1% | Max. Load |
| Mobile Phone | 50 % | Medium Load |

Note : The Charging is not operation when 100% fully charged status.

This device has been tested with the Mobile phone.

Mobile phone is on Airplane Mode.

Mobile phone's battery status was checked by display battery percentage function.



1.6 Calibration Details of Equipment Used for Measurement

Test equipment and test accessories are calibrated on regular basis. The maximum time between calibrations is one year or what is recommended by the manufacturer, whichever is less. All test equipment calibrations are traceable to the Korea Research Institute of Standards and Science (KRISS), therefore, all test data recorded in this report is traceable to KRISS.

1.7 Test Facility

The measurement facility is located at (Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do, Korea.

1.8 Laboratory Accreditations and Listings

| Country | Agency | Scope of Accreditation | Registration Number | Logo |
|---------|--------|--|------------------------------------|---|
| USA | FCC | FCC Part 15 & 18 EMI (Electromagnetic Interference / Emission) | 805871 |  |
| JAPAN | VCCI | VCCI V-3 EMI (Electromagnetic Interference / Emission) | C-986 T-1843 R-3627 G-387 |  |
| KOREA | MSIP | EMI (Electromagnetic Interference / Emission) EMS (Electromagnetic Susceptibility / Immunity) | KR0025 |  |

2.0 Summary of tests

| FCC Part Section(s) | Parameter | Status (note 1) |
|---------------------|--|-----------------|
| 15.203 | Antenna requirement | N/A |
| 15.204 | External radio frequency power amplifier and antenna modifications | N/A |
| 15.207 | Conducted emissions | N/A |
| 15.209 | Radiated emissions | Complies |

Footnotes for N/A's:

- § 15.203 is not applicable because the transmitter is provided with an integral antenna.
- § 15.204 is not applicable because the transmitter is provided with an integral antenna.
- § 15.207 is not applicable because the transmitter is intended to be used in car.

2.1 Power line conducted emissions (Section 15.207)

Test Location

Not Applicable

Frequency Range of Measurement

150 kHz to 30 MHz

Instrument Settings

IF Band Width: 9 kHz

Test Procedures

The EUT was placed on a non-metallic table 0.8m above the metallic, grounded floor and 0.4m from the reference ground plane wall. The distance to other metallic surfaces was at least 0.8m.

Amplitude measurements were performed with a quasi-peak detector and an average detector.

* Measurement procedures was In accordance with ANSI C63.4-2009 7.3.3, 7.3.4

Limit

-15.207(a)

| Frequency (MHz) | Conducted Limit (dBuV) | |
|--------------------|------------------------|-----------|
| | Quasi-peak | Average |
| 0.15 ~ 0.5 | 66 to 56* | 56 to 46* |
| 0.5 ~ 5 | 56 | 46 |
| 5 ~ 30 | 60 | 50 |

* Decreases with the logarithm of the frequency.

EUT Operating Modes

The EUT is an intentional radiator is operated at 110 kHz to 205 kHz.

We have tested three frequencies, Low (110 kHz), Middle (157.5 kHz), High (205 kHz), for power line conducted emissions test.

* Middle (157.5 kHz) : Exactly half way between 110 kHz and 205 kHz.

Test Results

The requirements are:

Complies

Test Data

2.2 Radiated emissions (Section 15.209)

Test Location

10 m SAC (test distance : 10 m, 3 m)
 3 m SAC (test distance : 3 m)

- 1) In the frequency range of 9 kHz to 30 MHz, magnetic field is measured with Loop Antenna. The Test Antenna is positioned with its plane vertical at 1m distance from the EUT. The center of the Loop Test Antenna is 1m above the ground. During the measurement the Loop Test Antenna rotates about its vertical axis for maximum response at each azimuth about the EUT.
- 2) In the frequency range above 30 MHz, Bi-Log Test Antenna(30 MHz to 1 GHz) and Horn Test Antenna(above 1 GHz) are used. Test Antenna is 3m away from the EUT. Test Antenna height is carried from 1m to 4m above the ground to determine the maximum value of the field strength. The emissions levels at both horizontal and vertical polarizations should be tested.

The spectrum analyzer is set to:

Frequency Range = 9 kHz ~ 1 GHz
 RBW = 100 kHz for $f < 1$ GHz, 9 kHz for $f < 30$ MHz
 VBW \geq RBW
 Sweep = Auto

Limit

- 15.209(a)

| Frequency [MHz] | Field Strength [uV/m] | Measurement Distance [Meters] |
|-----------------|-----------------------|-------------------------------|
| 0.009-0.490 | 2400/F(kHz) | 300 |
| 0.490-1.705 | 24000/F(kHz) | 30 |
| 1.705-30 | 30 | 30 |
| 30-88 | 100** | 3 |
| 88-216 | 150** | 3 |
| 216-960 | 200** | 3 |
| Above 960 | 500 | 3 |

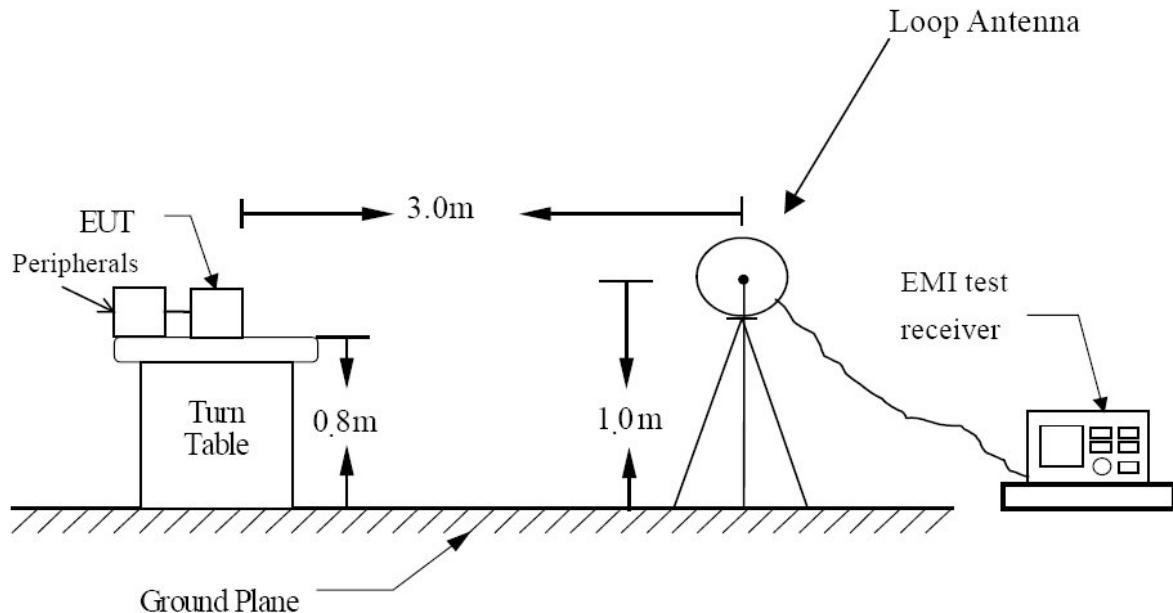
** Except as provided in 15.209(g). fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54-72MHz, 76-88MHz, 174-216MHz, 470-806MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g.15.231 and 15.241.

Note :

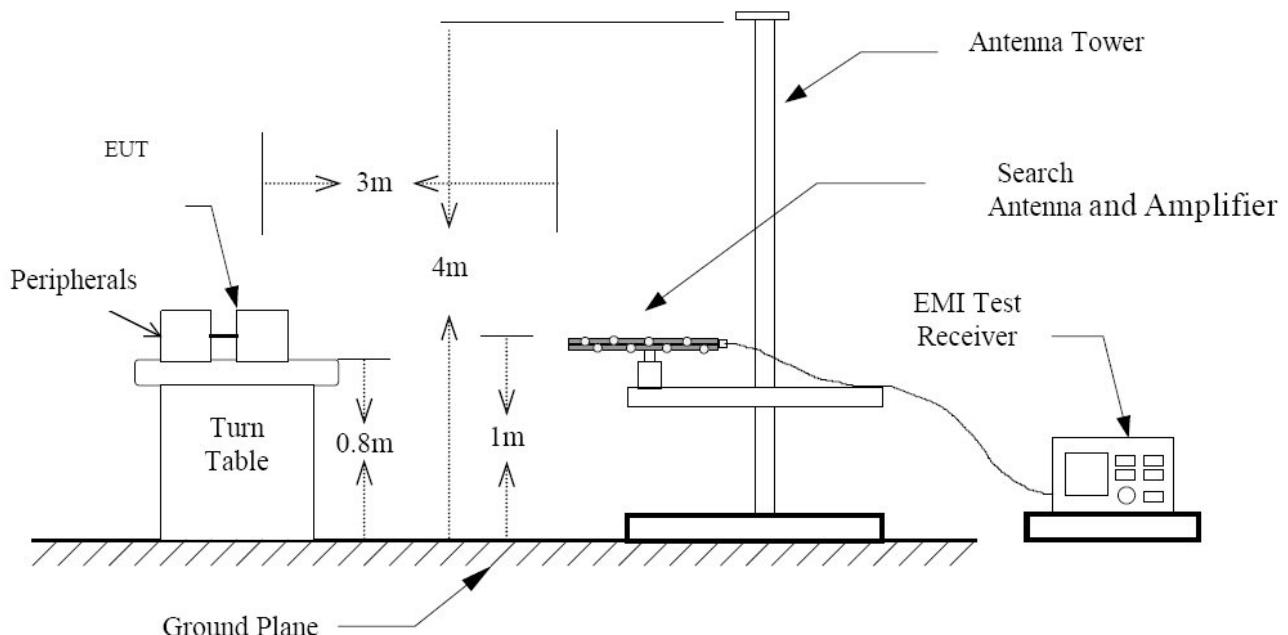
- 1) For above 1 GHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.

Test Setup:

1) For field strength of emissions from 9 kHz to 30 MHz



2) For field strength of emissions from 30 MHz to 1 GHz



Test Results

| | | | |
|-----------------|-----------------------------|-----------|----------|
| EUT | Wireless Car Charging Mount | Model | EWC-3000 |
| Frequency Range | 9 kHz ~ 1 GHz | Test mode | TX |

The requirements are:

Complies

Test Data

Fundamental Test Data

[Test Mode #1]

Operating Frequency : 110 kHz

| Freq. (kHz) | Reading (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Distance Correction | Result (dBuV/m) | Limit (dBuV/m) | Margin (dBuV/m) | Detect Mode |
|----------------|-------------------|-----------------------------|--------------------|------------------------|--------------------|-------------------|--------------------|----------------|
| 115.4 | 64.4 | 20.18 | 5.9 | -80 | 10.48 | 46.36 | 35.88 | Peak |
| 115.4 | 63.9 | 20.18 | 5.9 | -80 | 9.98 | 26.36 | 16.38 | Average |

Operating Frequency : 157.5 kHz

| Freq. (kHz) | Reading (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Distance Correction | Result (dBuV/m) | Limit (dBuV/m) | Margin (dBuV/m) | Detect Mode |
|----------------|-------------------|-----------------------------|--------------------|------------------------|--------------------|-------------------|--------------------|----------------|
| 156.2 | 55.3 | 20.18 | 5.9 | -80 | 1.38 | 43.73 | 42.35 | Peak |
| 156.2 | 54.3 | 20.18 | 5.9 | -80 | 0.38 | 23.73 | 23.35 | Average |

Operating Frequency : 205 kHz

| Freq. (kHz) | Reading (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Distance Correction | Result (dBuV/m) | Limit (dBuV/m) | Margin (dBuV/m) | Detect Mode |
|----------------|-------------------|-----------------------------|--------------------|------------------------|--------------------|-------------------|--------------------|----------------|
| 203.4 | 51.4 | 20.18 | 5.9 | -80 | -2.52 | 41.44 | 43.96 | Peak |
| 204.4 | 50.9 | 20.18 | 5.9 | -80 | -3.02 | 21.44 | 24.46 | Average |

[Test Mode #2]

< 1 % Battery Status

| Freq. (kHz) | Reading (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Distance Correction | Result (dBuV/m) | Limit (dBuV/m) | Margin (dBuV/m) | Detect Mode |
|----------------|-------------------|-----------------------------|--------------------|------------------------|--------------------|-------------------|--------------------|----------------|
| 121.6 | 53.5 | 20.18 | 5.9 | -80 | -0.42 | 45.91 | 46.33 | Peak |
| 121.6 | 53.1 | 20.18 | 5.9 | -80 | -0.82 | 25.91 | 26.73 | Average |

50 % Battery Status

| Freq. (kHz) | Reading (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Distance Correction | Result (dBuV/m) | Limit (dBuV/m) | Margin (dBuV/m) | Detect Mode |
|----------------|-------------------|-----------------------------|--------------------|------------------------|--------------------|-------------------|--------------------|----------------|
| 159.3 | 44.6 | 20.18 | 5.9 | -80 | -9.32 | 43.56 | 52.88 | Peak |
| 159.3 | 43.5 | 20.18 | 5.9 | -80 | -10.42 | 23.56 | 33.98 | Average |

Spurious Test Data

[Test Mode #1]

Operating Frequency : 110 kHz

| Freq. (kHz) | Reading (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Distance Correction | Result (dBuV/m) | Limit (dBuV/m) | Margin (dBuV/m) | Detect Mode |
|----------------|-------------------|-----------------------------|--------------------|------------------------|--------------------|-------------------|--------------------|----------------|
| 346.2 | 36.1 | 20.18 | 5.9 | -80 | -17.82 | 36.82 | 54.64 | Peak |
| 346.2 | 35.8 | 20.18 | 5.9 | -80 | -18.12 | 16.82 | 34.94 | Average |

Operating Frequency : 157.5 kHz

| Freq. (kHz) | Reading (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Distance Correction | Result (dBuV/m) | Limit (dBuV/m) | Margin (dBuV/m) | Detect Mode |
|----------------|-------------------|-----------------------------|--------------------|------------------------|--------------------|-------------------|--------------------|----------------|
| 468.6 | 31.2 | 20.18 | 5.9 | -80 | -22.72 | 34.19 | 56.91 | Peak |
| 468.6 | 30.4 | 20.18 | 5.9 | -80 | -23.52 | 14.19 | 37.71 | Average |

Operating Frequency : 205 kHz

| Freq. (kHz) | Reading (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Distance Correction | Result (dBuV/m) | Limit (dBuV/m) | Margin (dBuV/m) | Detect Mode |
|----------------|-------------------|-----------------------------|--------------------|------------------------|--------------------|-------------------|--------------------|----------------|
| 610.2 | 28.9 | 20.18 | 5.9 | -80 | -25.02 | 31.89 | 56.91 | Peak |
| 610.2 | 28.1 | 20.18 | 5.9 | -80 | -25.82 | 11.89 | 37.71 | Average |

[Test Mode #2]

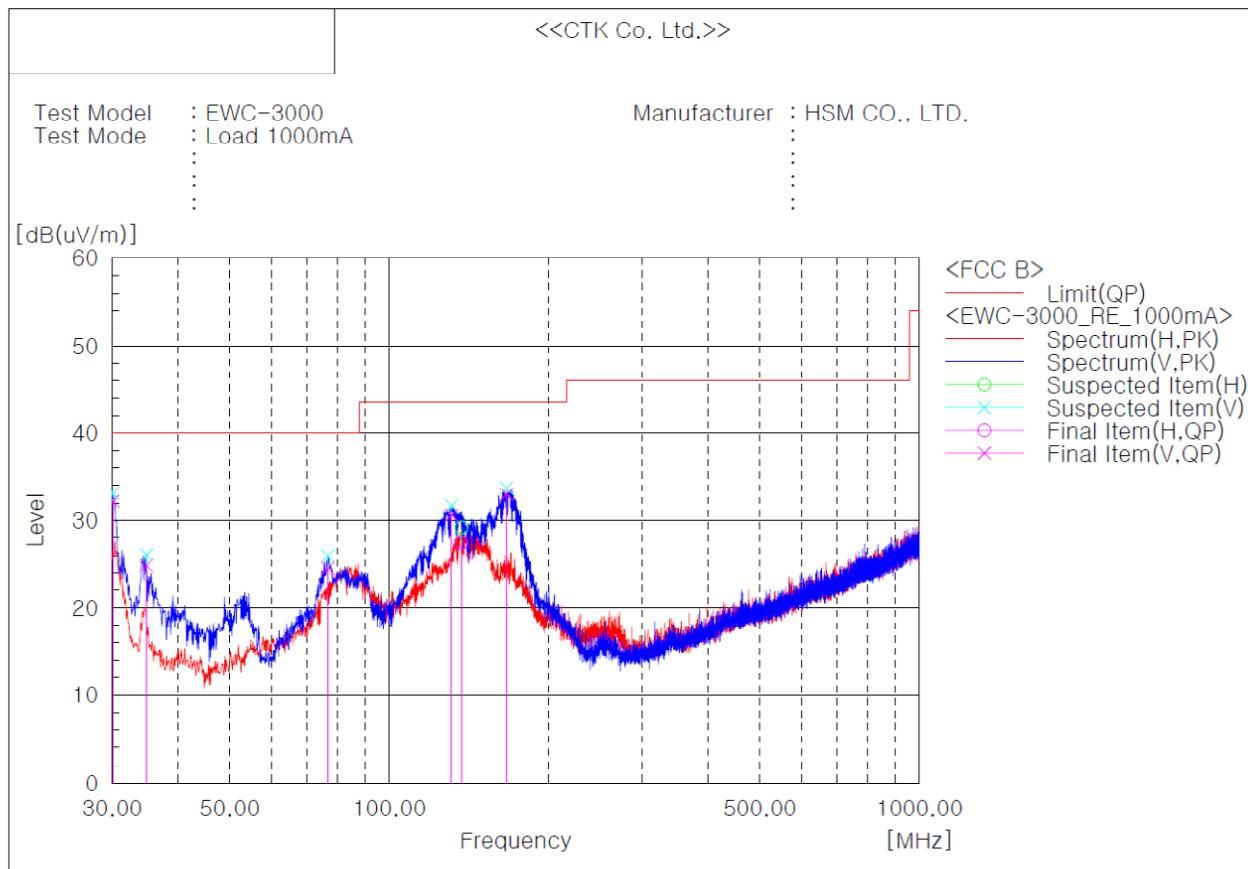
< 1 % Battery Status

| Freq. (kHz) | Reading (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Distance Correction | Result (dBuV/m) | Limit (dBuV/m) | Margin (dBuV/m) | Detect Mode |
|----------------|-------------------|-----------------------------|--------------------|------------------------|--------------------|-------------------|--------------------|----------------|
| 364.8 | 30.4 | 20.18 | 5.9 | -80 | -23.52 | 36.36 | 59.88 | Peak |
| 364.8 | 30.2 | 20.18 | 5.9 | -80 | -23.72 | 16.36 | 40.08 | Average |

50 % Battery Status

| Freq. (kHz) | Reading (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Distance Correction | Result (dBuV/m) | Limit (dBuV/m) | Margin (dBuV/m) | Detect Mode |
|----------------|-------------------|-----------------------------|--------------------|------------------------|--------------------|-------------------|--------------------|----------------|
| 477.9 | 23.1 | 20.18 | 5.9 | -80 | -30.82 | 34.02 | 64.84 | Peak |
| 477.9 | 22.9 | 20.18 | 5.9 | -80 | -31.02 | 14.02 | 45.04 | Average |

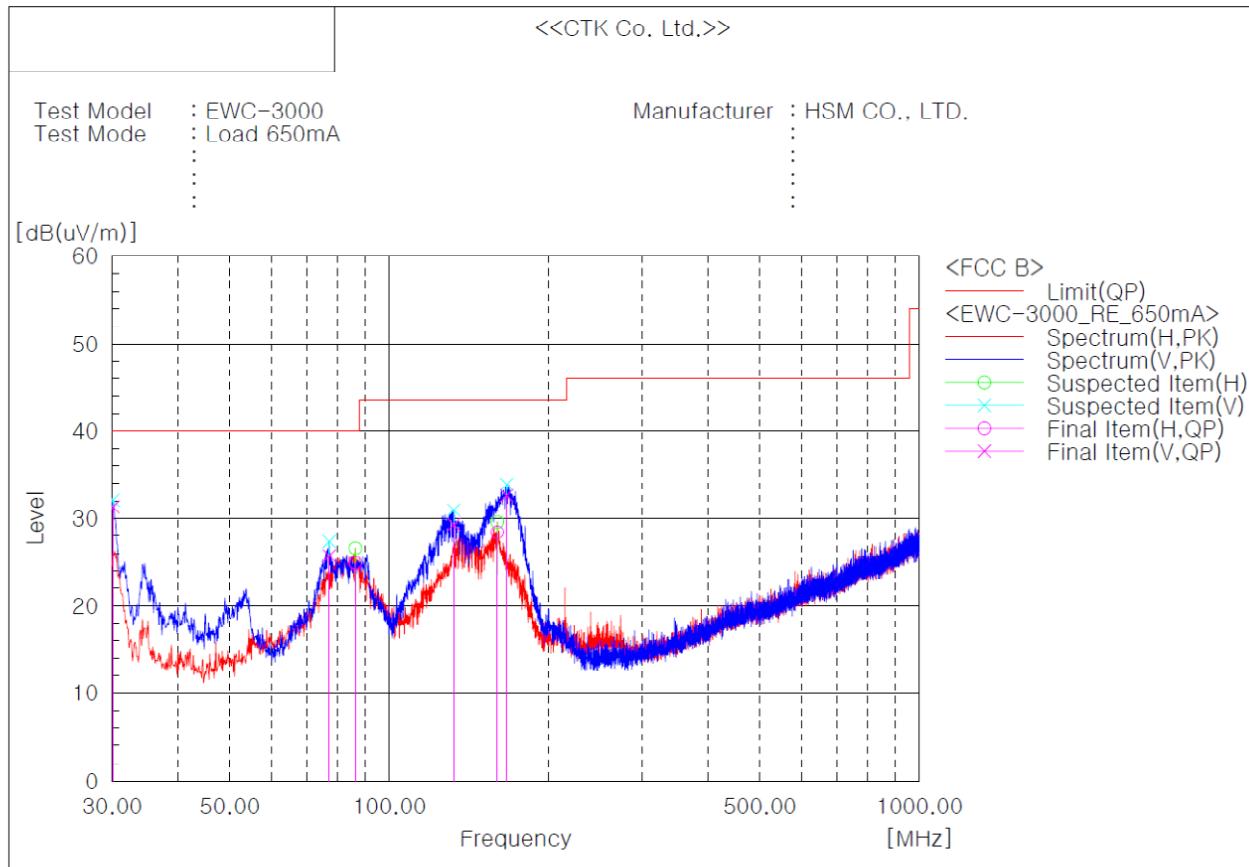
[Operating Frequency : 110 kHz]



Final Result

| No. | Frequency [MHz] | (P) | Reading QP [dB(uV)] | c.f [dB(1/m)] | Result QP [dB(uV/m)] | Limit QP [dB] | Margin QP [cm] | Height [cm] | Angle [deg] |
|-----|-----------------|-----|---------------------|---------------|----------------------|---------------|----------------|-------------|-------------|
| 1 | 30.121 | V | 45.1 | -12.9 | 32.2 | 40.0 | 7.8 | 100.0 | 253.0 |
| 2 | 34.850 | V | 37.4 | -12.6 | 24.8 | 40.0 | 15.2 | 100.0 | 253.0 |
| 3 | 76.560 | V | 40.3 | -15.8 | 24.5 | 40.0 | 15.5 | 100.0 | 64.0 |
| 4 | 131.123 | V | 40.8 | -10.2 | 30.6 | 43.5 | 12.9 | 100.0 | 27.0 |
| 5 | 136.821 | H | 36.2 | -8.8 | 27.4 | 43.5 | 16.1 | 205.0 | 250.0 |
| 6 | 166.528 | V | 39.5 | -6.5 | 33.0 | 43.5 | 10.5 | 100.0 | 0.0 |

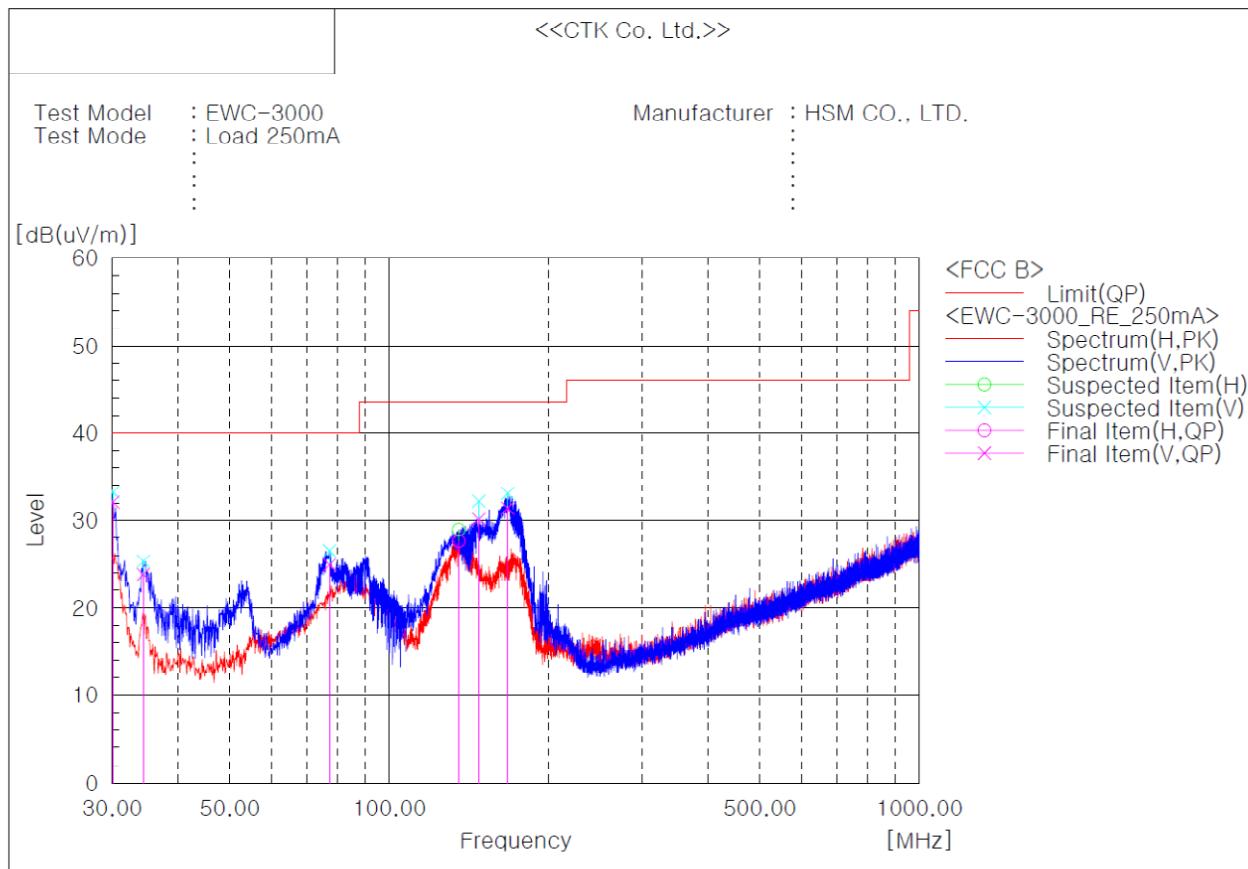
[Operating Frequency : 157.5 kHz]



Final Result

| No. | Frequency [MHz] | (P) | Reading QP [dB(uV)] | c.f [dB(1/m)] | Result QP [dB(uV/m)] | Limit QP [dB] | Margin QP [dB] | Height [cm] | Angle [deg] |
|-----|-----------------|-----|---------------------|---------------|----------------------|---------------|----------------|-------------|-------------|
| 1 | 30.121 | V | 44.2 | -12.9 | 31.3 | 40.0 | 8.7 | 100.0 | 290.0 |
| 2 | 77.045 | V | 41.5 | -15.8 | 25.7 | 40.0 | 14.3 | 100.0 | 28.0 |
| 3 | 86.381 | H | 39.6 | -14.7 | 24.9 | 40.0 | 15.1 | 307.0 | 70.0 |
| 4 | 132.335 | V | 39.2 | -9.9 | 29.3 | 43.5 | 14.2 | 100.0 | 28.0 |
| 5 | 159.980 | H | 34.4 | -6.0 | 28.4 | 43.5 | 15.1 | 100.0 | 98.0 |
| 6 | 166.649 | V | 39.1 | -6.5 | 32.6 | 43.5 | 10.9 | 100.0 | 0.0 |

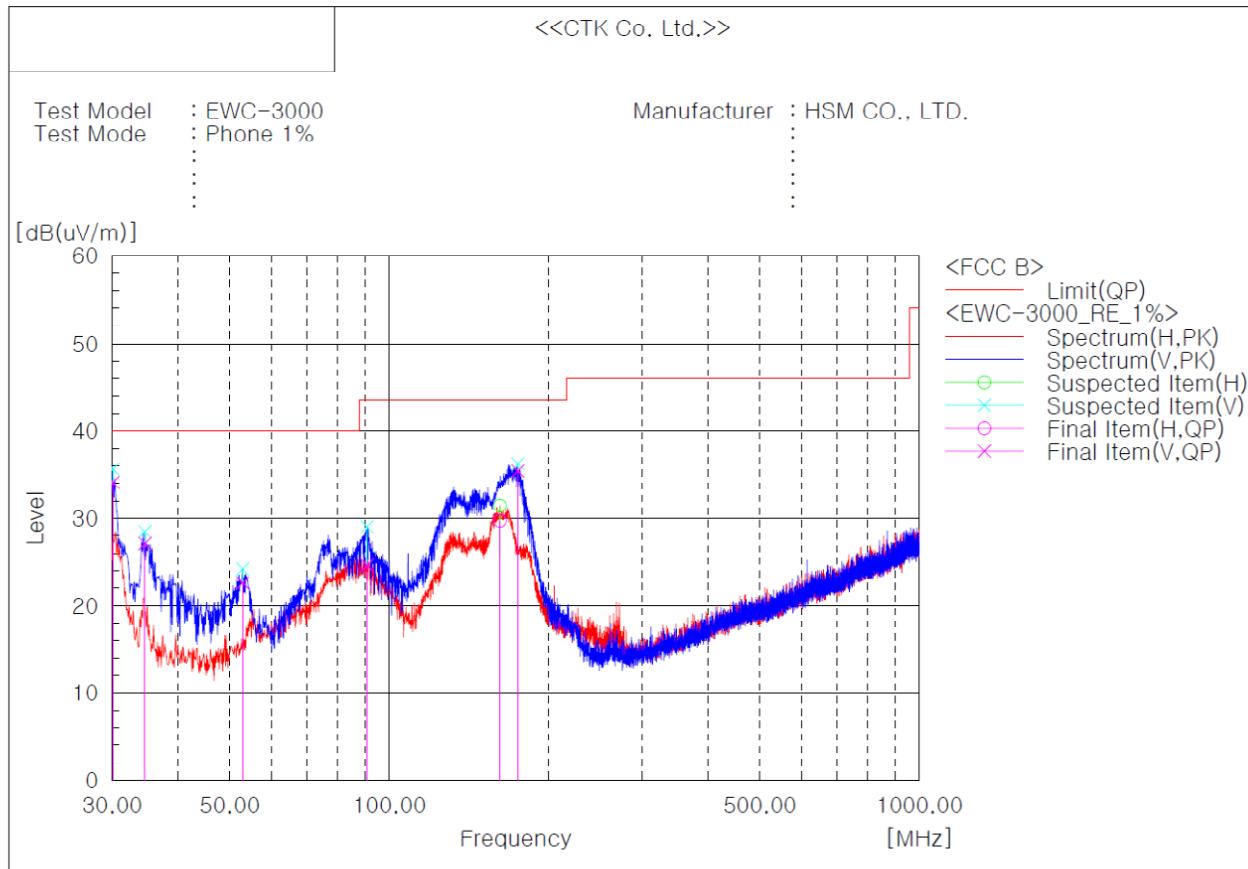
[Operating Frequency : 205 kHz]



Final Result

| No. | Frequency [MHz] | (P) | Reading QP [dB(uV)] | c.f [dB(1/m)] | Result QP [dB(uV/m)] | Limit QP [dB(uV/m)] | Margin QP [dB] | Height [cm] | Angle [deg] |
|-----|-----------------|-----|---------------------|---------------|----------------------|---------------------|----------------|-------------|-------------|
| 1 | 30.121 | V | 45.0 | -12.9 | 32.1 | 40.0 | 7.9 | 100.0 | 253.0 |
| 2 | 34.365 | V | 36.4 | -12.6 | 23.8 | 40.0 | 16.2 | 100.0 | 290.0 |
| 3 | 77.166 | V | 40.7 | -15.8 | 24.9 | 40.0 | 15.1 | 100.0 | 66.0 |
| 4 | 135.245 | H | 36.8 | -9.2 | 27.6 | 43.5 | 15.9 | 205.0 | 249.0 |
| 5 | 147.613 | V | 36.5 | -6.4 | 30.1 | 43.5 | 13.4 | 100.0 | 29.0 |
| 6 | 167.255 | V | 38.0 | -6.6 | 31.4 | 43.5 | 12.1 | 100.0 | 0.0 |

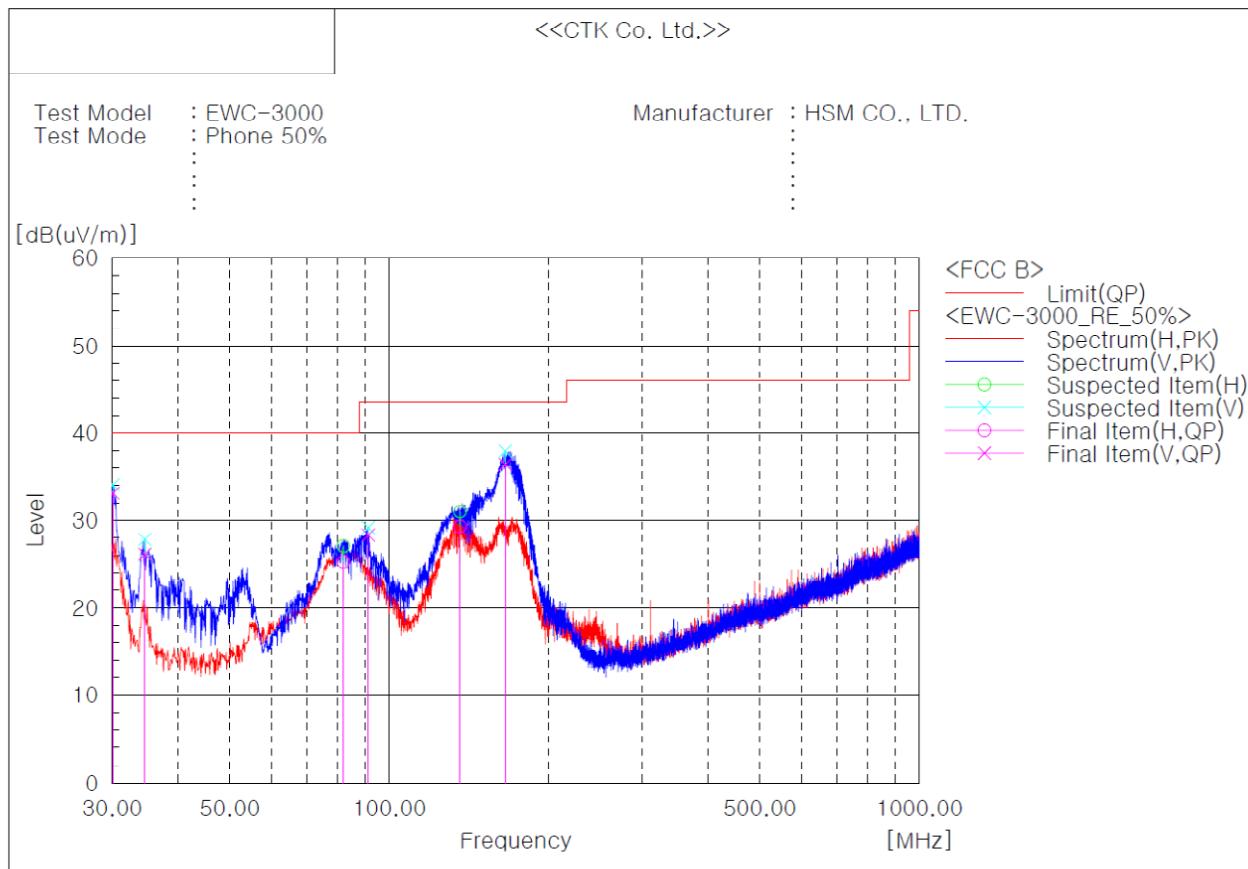
[< 1 % Battery Status]



Final Result

| No. | Frequency [MHz] | (P) [dB(uV)] | Reading QP [dB(uV)] | c.f [dB(1/m)] | Result QP [dB(uV/m)] | Limit QP [dB(uV/m)] | Margin QP [dB] | Height [cm] | Angle [deg] |
|-----|-----------------|--------------|---------------------|---------------|----------------------|---------------------|----------------|-------------|-------------|
| 1 | 30.121 | V | 47.0 | -12.9 | 34.1 | 40.0 | 5.9 | 100.0 | 253.0 |
| 2 | 34.608 | V | 39.7 | -12.6 | 27.1 | 40.0 | 12.9 | 100.0 | 253.0 |
| 3 | 52.916 | V | 36.0 | -13.4 | 22.6 | 40.0 | 17.4 | 100.0 | 0.0 |
| 4 | 90.868 | V | 38.5 | -13.9 | 24.6 | 43.5 | 18.9 | 100.0 | 28.0 |
| 5 | 161.799 | H | 35.8 | -6.1 | 29.7 | 43.5 | 13.8 | 100.0 | 98.0 |
| 6 | 174.894 | V | 43.5 | -8.1 | 35.4 | 43.5 | 8.1 | 100.0 | 0.0 |

[50 % Battery Status]



Final Result

| No. | Frequency [MHz] | (P) | Reading QP [dB(uV)] | c.f [dB(1/m)] | Result QP [dB(uV/m)] | Limit QP [dB] | Margin QP [dB] | Height [cm] | Angle [deg] |
|-----|-----------------|-----|---------------------|---------------|----------------------|---------------|----------------|-------------|-------------|
| 1 | 30.121 | V | 46.0 | -12.9 | 33.1 | 40.0 | 6.9 | 100.0 | 290.0 |
| 2 | 34.608 | V | 38.7 | -12.6 | 26.1 | 40.0 | 13.9 | 100.0 | 215.0 |
| 3 | 82.016 | H | 40.6 | -15.4 | 25.2 | 40.0 | 14.8 | 206.0 | 25.0 |
| 4 | 91.353 | V | 42.1 | -13.8 | 28.3 | 43.5 | 15.2 | 100.0 | 0.0 |
| 5 | 135.973 | H | 38.3 | -9.0 | 29.3 | 43.5 | 14.2 | 206.0 | 249.0 |
| 6 | 165.558 | V | 42.8 | -6.4 | 36.4 | 43.5 | 7.1 | 100.0 | 0.0 |

APPENDIX A – Test Equipment Used For Tests

| | Name of Equipment | Manufacturer | Model No. | Serial No. | Due Date |
|---|----------------------------|--------------------------|--------------|-------------|------------|
| 1 | EMI Test Receiver | Rohde & Schwarz | ESCI7 | 100814 | 2014-12-06 |
| 2 | Active Loop Antenna | SCHWARZBECK | FMZB 1513 | 1513-125 | 2014-06-06 |
| 3 | Trilog Broadband Antenna | Rohde & Schwarz | VULB 9161 SE | 9161-4133 | 2014-06-11 |
| 4 | 6dB Attenuator | Rohde & Schwarz | DNF | 272.4110.50 | 2014-11-12 |
| 5 | AMPLIFIER | Sonoma Instrument Co. | 310 | 291721 | 2015-02-06 |
| 6 | Radio Communication Tester | Rohde & Schwarz | CMU200 | 106765 | 2015-02-06 |