

# FCC 15B Test Report

**FCC ID** : VQK-M02  
**Equipment** : Mobile Phone  
**Model No.** : M02  
**Brand Name** : FUJITSU  
**Applicant** : FUJITSU LIMITED  
**Address** : 1-1, Kamikodanaka 4-chome, Nakahara-ku,  
Kawasaki 211-8588, Japan  
**Standard** : FCC Part 15, Subpart B, Class B  
ANSI C63.4:2009  
**Received Date** : Nov. 24, 2015  
**Tested Date** : Dec. 02 ~ Dec. 07, 2015

We, International Certification Corp., would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. It may be duplicated completely for legal use with the approval of the applicant. It shall not be reproduced except in full without the written approval of our laboratory.

Approved & Reviewed by:

  
Kent Chen / Assistant Manager



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## Release Record

Report No.	Version	Description	Issued Date
FD560301-02	Rev. 01	Initial issue	Dec. 17, 2015

## Summary of Test Results

FCC Part 15, Subpart B Emission Tests				
Ref. Std. Clause	Test Standard	Test Items	Measured	Result
15.107	FCC Part 15, Subpart B, Class B	Conducted Emissions	-13.50dB QP@ 0.183MHz.	Pass
15.109	FCC Part 15, Subpart B, Class B	Radiated Emissions	-8.13dB PK@ 42.61MHz.	Pass

# 1 General Description

## 1.1 Information

This report is issued as a supplementary report to original ICC report no. FD560301. PCB/trace layouts, product form factor and antenna are identical except following items:

✧ Wi-Fi:

5GHz function is removed by software setting and hardware modification. Hardware modification-Remove components of 5GHz transmission path to cancel 5GHz function that will not affect 2.4GHz function since 2.4GHz and 5GHz transmission path is separately.

✧ LTE: B26 814 ~849 MHz: Activated by software.

✧ Without Fingerprint: Remove components.

✧ Change AC adapter.

✧ Same cradle as original report, just change model name from F-51 to FAR-CR105.

In this report, all tests had been re-tested and presented in the following sections.

### 1.1.1 Product Details

<b>Product Name</b>	Mobile Phone
<b>Brand Name</b>	FUJITSU
<b>Model Name</b>	M02
<b>IMEI Code</b>	353546071500032
<b>H/W Version</b>	v3.0.0
<b>S/W Version</b>	R021.3

### 1.1.2 Specification of the Equipment under Test (EUT)

<b>WLAN</b>	
<b>Operating Frequency</b>	802.11b/g/n: 2412 MHz ~ 2462 MHz
<b>Antenna Type</b>	$\lambda/4$ Monopole Antenna
<b>Modulation Type</b>	802.11b: DSSS (DBPSK / DQPSK / CCK) 802.11g/n: OFDM (BPSK / QPSK / 16QAM / 64QAM)
<b>Bluetooth</b>	
<b>Operating Frequency</b>	2402 MHz ~ 2480 MHz
<b>Antenna Type</b>	$\lambda/4$ Monopole Antenna
<b>Modulation Type</b>	Bluetooth 4.1 LE: GFSK Bluetooth BR(1Mbps): GFSK Bluetooth EDR (2Mbps): $\pi/4$ -DQPSK Bluetooth EDR (3Mbps): 8-DPSK

WWAN	
Operating Frequency	GSM850: 824.2 MHz ~ 848.8 MHz GSM1900: 1850.2 MHz ~ 1909.8MHz WCDMA Band V: 826.4 MHz ~ 846.6 MHz
Antenna Type	$\lambda/4$ Monopole Antenna
Modulaton Type	GSM / GPRS: GMSK WCDMA / HSDPA / HSUPA: QPSK (Uplink)
LTE	
Operating Frequency	LTE Band 26: 814 ~ 849 MHz
Antenna Type	$\lambda/4$ Monopole Antenna
Modulaton Type	QPSK, 16QAM (Uplink)
NFC	
Operating Frequency	13.56 MHz
Antenna Type	Loop Antenna
Modulaton Type	ASK
GPS	
Operating Frequency	1.57542 GHz
Modulaton Type	BPSK

### 1.1.3 Power Supply Type of Equipment under Test (EUT)

Power Supply Type	5.0Vdc from AC adapter 3.8Vdc from Battery
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### 1.1.4 Accessories

No.	Equipment	Description
1	Adapter	Brand Name: Fujitsu Limited Model Name: FMV-AC346 Input rating: 100-240Vac, 50/60Hz, 0.3A Output rating: 5.0Vdc, 2A 1.1m USB shielded cable without core (for charging use)
2	Cradle	Brand Name: Fujitsu Limited Model Name: FAR-CR105 Input rating: 5Vdc, 1.5A Output rating: 5.0Vdc, 1.5A
3	Battery (Unremovable)	Brand Name: Fujitsu Limited Model Name: CA54310-0064 Power Rating: 3.8Vdc, 2330mAh, 8.9Wh

## 1.2 Test Equipment and Calibration Data

<b>Test Item</b>	Conducted Emission				
<b>Test Site</b>	Conduction room 1 / (CO01-WS)				
<b>Tested Date</b>	Dec. 02, 2015				
<b>Instrument</b>	<b>Manufacturer</b>	<b>Model No.</b>	<b>Serial No.</b>	<b>Calibration Date</b>	<b>Calibration Until</b>
EMC Receiver	R&S	ESCS 30	100169	Oct. 21, 2015	Oct. 20, 2016
LISN	SCHWARZBECK	Schwarzbeck 8127	8127-667	Nov. 13, 2015	Nov. 12, 2016
RF Cable-CON	Woken	CFD200-NL	CFD200-NL-001	Dec. 31, 2014	Dec. 30, 2015
Measurement Software	AUDIX	e3	6.120210k	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

<b>Test Item</b>	Radiated Emission below 1GHz				
<b>Test Site</b>	966 chamber 2 / (03CH02-WS)				
<b>Tested Date</b>	Dec. 07, 2015				
<b>Instrument</b>	<b>Manufacturer</b>	<b>Model No.</b>	<b>Serial No.</b>	<b>Calibration Date</b>	<b>Calibration Until</b>
Receiver	R&S	ESR3	101657	Jan. 15, 2015	Jan. 14, 2016
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-523	Nov. 09, 2015	Nov. 08, 2016
Preamplifier	Burgeon	BPA-530	100218	Nov. 03, 2015	Nov. 02, 2016
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-003	Dec. 16, 2014	Dec. 15, 2015
LF cable 10M	EMCC	CFD400-E	CFD400-001	Jun. 17, 2015	Jun. 16, 2016
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

<b>Test Item</b>	Radiated Emission above 1GHz				
<b>Test Site</b>	966 chamber 2 / (03CH02-WS)				
<b>Tested Date</b>	Dec. 07, 2015				
<b>Instrument</b>	<b>Manufacturer</b>	<b>Model No.</b>	<b>Serial No.</b>	<b>Calibration Date</b>	<b>Calibration Until</b>
Spectrum Analyzer	R&S	FSV40	101499	Dec. 31, 2014	Dec. 30, 2015
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1095	Oct. 07, 2015	Oct. 06, 2016
Preamplifier	Agilent	83017A	MY39501309	Sep. 22, 2015	Sep. 21, 2016
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16140/4	Dec. 16, 2014	Dec. 15, 2015
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16018/4	Dec. 16, 2014	Dec. 15, 2015
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16015/4	Dec. 16, 2014	Dec. 15, 2015
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

### 1.3 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

FCC Part 15, Subpart B, Class B  
ANSI C63.4:2009

### 1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor ( $k=2$ ))

Measurement Uncertainty		
Test Item	Frequency	Uncertainty
Conducted Emissions	150kHz ~ 30MHz	$\pm 2.90$ dB
Radiated Emissions	30MHz ~ 1GHz	$\pm 3.62$ dB
	Above 1GHz	$\pm 5.60$ dB



## 2 Test Configuration

### 2.1 Testing Condition

Test Item	Test Site	Ambient Condition	Tested By
AC Conduction	CO01-WS	23°C / 52%	Peter Lin
Radiated Emissions ≤1GHz	03CH02-WS	22°C / 63%	Alex Tsai
Radiated Emissions >1GHz	03CH02-WS	22°C / 63%	Alex Tsai

### 2.2 The Worst Case Measurement Configuration

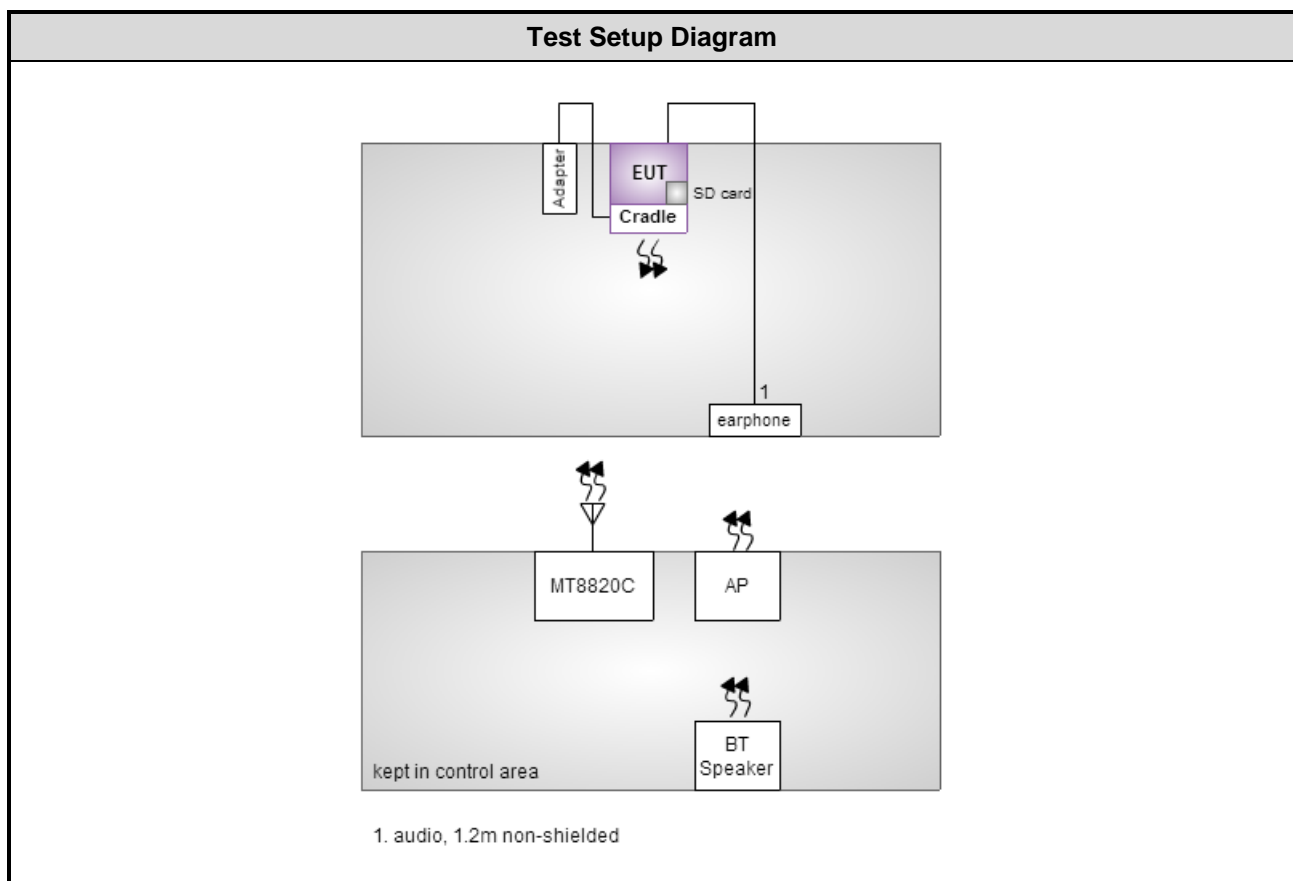
The Determined Test Configurations	
Conducted Emissions	
Test Mode	Operating Description
1	GSM 850 link + BT + Wifi 2.4G link + GPS Rx + Earphone + Battery 80% + Adaptor
2	PCS 1900 link + BT + Wifi 2.4G link + Camera(Front) + Earphone + Battery 20% + Adaptor
3	WCDMA Band5 link + BT + Wifi 2.4G link + MPEG4 play + Earphone + Battery 20% + Adaptor
4	LTE band 26 link + BT + Wifi 2.4G link + SD R/W + Earphone + Battery 20% + USB cable link to NB
5	<b>LTE band 26 link idle + BT + Wifi 2.4G link + Camera(Back) + Earphone + Battery 20% + Cradle + Adaptor</b>
Note: The worst case was marked in boldface, therefore, only its data was recorded in this report.	

The Determined Test Configurations	
Radiated Emissions	
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1	GSM 850 link + BT + Wifi 2.4G link + GPS Rx + Earphone + Battery 80% + Adaptor
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5	<b>LTE band 26 link idle + BT + Wifi 2.4G link + Camera(Back) + Earphone + Battery 20% + Cradle + Adaptor</b>
Note: The worst case was marked in boldface, therefore, only its data was recorded in this report.	

## 2.3 Local Support Equipment List

Support Equipment List (EMI)					
No.	Equipment	Brand	Model	S/N	Signal cable / Length (m)
1	Earphone	APPLE	MD827FE/A	6	1.2m non-shielded.
2	Wireless AP	D-LINK	DIR-815	3000228	---
3	Radio Communication Tester	ANRITSU	MT8820C	6201240341	---
4	BT speaker	Nokia	HF-34W	---	---
5	SD Card	SanDisk	Micro SDHC 8GB	---	---

## 2.4 Test Setup Chart



## 2.5 Test Software and Operating Condition

- The EUT was in LTE idle mode during the testing.
- The EUT was attached to the support BT speaker and WLAN AP in link mode.
- Executed "Camera" application during the test.

### 3 Emission Tests Results

#### 3.1 Conducted Emissions

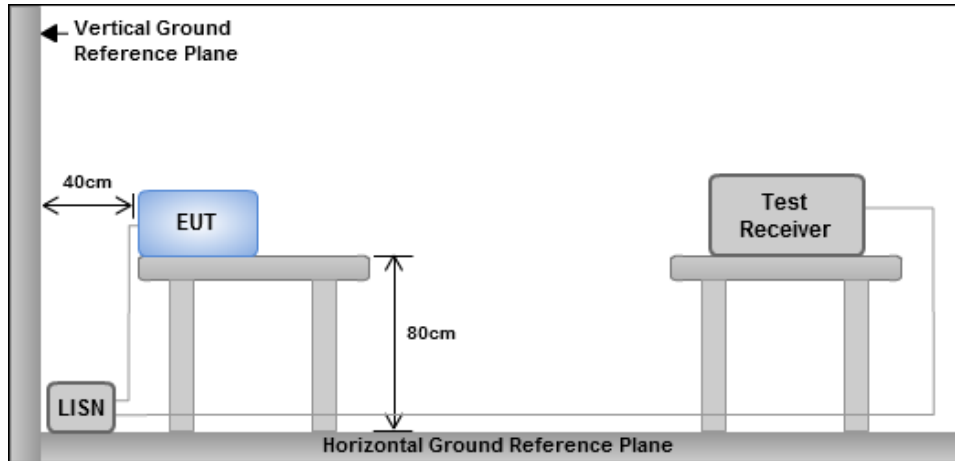
##### 3.1.1 Limit of Conducted Emissions

Applicable Standard: FCC Part 15, Subpart B §15.107, ICES-003 §6.1				
Frequency Range (MHz)	Class A (dBμV)		Class B (dBμV)	
	Limits			
	Quasi-peak	Average	Quasi-peak	Average
0.15 to 0.50	79	66	66 to 56	56 to 46
0.50 to 5	73	60	56	46
5 to 30	73	60	60	50
Note 1: The lower limit shall apply at the transition frequencies.				
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.				

##### 3.1.2 Test Procedures

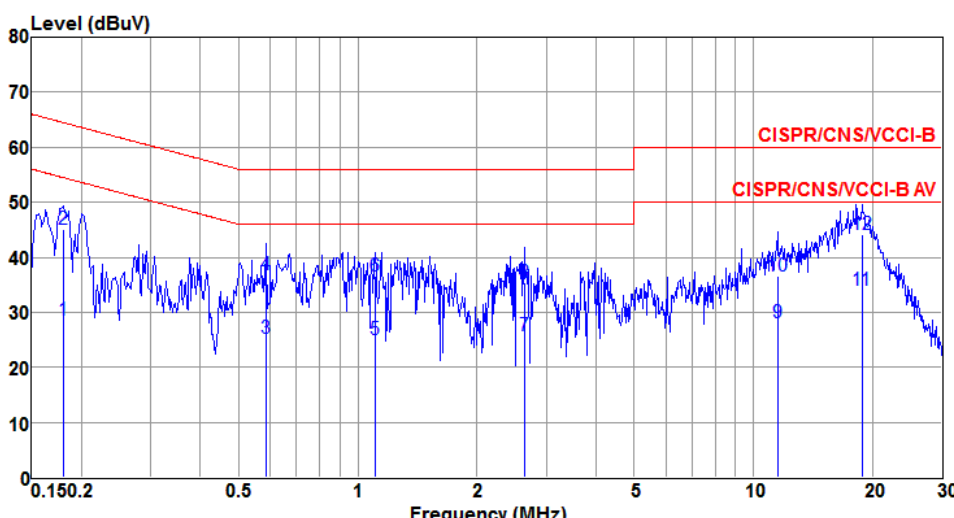
- The EUT was placed on a table with a height of 0.8 meters from the metal ground plane and 0.4 meters from the conducting wall of the shielding room and it was kept at least 0.8 meters from any other grounded conducting surface.
- The test equipment EUT installed received DC power through a Line Impedance Stabilization Network (LISN), which supplied power source and was grounded to the ground plane.
- All the support units were connected to the other LISN.
- The LISN provides 50 ohm coupling impedance for the measuring instrument.
- The CISPR states that a 50 ohm, 50 microhenry LISN should be used.
- Both sides of AC line were checked for maximum conducted interference.
- The measurement frequency range extends from 150 kHz to 30 MHz.
- Set the test-receiver system to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

### 3.1.3 Test Setup

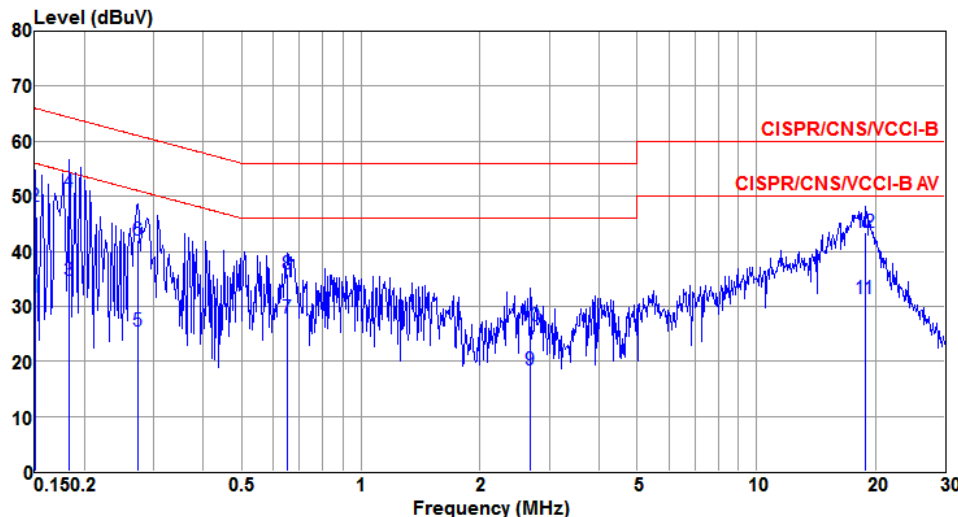


- Note: 1. Support units were connected to second LISN.  
2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

### 3.1.4 Test Result of Conducted Emissions

Power Phase	Line	Test Mode	5																																																																																																																																							
<div><div><div>Level (dBuV)</div><div></div><div>Frequency (MHz)</div></div><table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Over</th><th>Read</th><th>LISN</th><th>cable</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV</th><th>dBuV</th><th>Limit</th><th>Level</th><th>factor</th><th>loss</th><th></th></tr><tr><th></th><th></th><th></th><th></th><th>dB</th><th>dBuV</th><th>dB</th><th>dB</th><th></th></tr><tr><td>1</td><td>0.181</td><td>28.64</td><td>54.46</td><td>-25.82</td><td>28.44</td><td>0.11</td><td>0.09</td><td>Average</td></tr><tr><td>2</td><td>0.181</td><td>45.13</td><td>64.46</td><td>-19.33</td><td>44.93</td><td>0.11</td><td>0.09</td><td>QP</td></tr><tr><td>3</td><td>0.585</td><td>25.30</td><td>46.00</td><td>-20.70</td><td>25.04</td><td>0.13</td><td>0.13</td><td>Average</td></tr><tr><td>4</td><td>0.585</td><td>36.81</td><td>56.00</td><td>-19.19</td><td>36.55</td><td>0.13</td><td>0.13</td><td>QP</td></tr><tr><td>5</td><td>1.106</td><td>25.00</td><td>46.00</td><td>-21.00</td><td>24.70</td><td>0.13</td><td>0.17</td><td>Average</td></tr><tr><td>6</td><td>1.106</td><td>36.63</td><td>56.00</td><td>-19.37</td><td>36.33</td><td>0.13</td><td>0.17</td><td>QP</td></tr><tr><td>7</td><td>2.636</td><td>25.84</td><td>46.00</td><td>-20.16</td><td>25.40</td><td>0.17</td><td>0.27</td><td>Average</td></tr><tr><td>8</td><td>2.636</td><td>35.42</td><td>56.00</td><td>-20.58</td><td>34.98</td><td>0.17</td><td>0.27</td><td>QP</td></tr><tr><td>9</td><td>11.498</td><td>28.01</td><td>50.00</td><td>-21.99</td><td>27.47</td><td>0.27</td><td>0.27</td><td>Average</td></tr><tr><td>10</td><td>11.498</td><td>36.70</td><td>60.00</td><td>-23.30</td><td>36.16</td><td>0.27</td><td>0.27</td><td>QP</td></tr><tr><td>11</td><td>18.820</td><td>33.96</td><td>50.00</td><td>-16.04</td><td>33.54</td><td>0.36</td><td>0.06</td><td>Average</td></tr><tr><td>12</td><td>18.820</td><td>44.18</td><td>60.00</td><td>-15.82</td><td>43.76</td><td>0.36</td><td>0.06</td><td>QP</td></tr></table></div>					Freq	Level	Limit	Over	Read	LISN	cable	Remark		MHz	dBuV	dBuV	Limit	Level	factor	loss						dB	dBuV	dB	dB		1	0.181	28.64	54.46	-25.82	28.44	0.11	0.09	Average	2	0.181	45.13	64.46	-19.33	44.93	0.11	0.09	QP	3	0.585	25.30	46.00	-20.70	25.04	0.13	0.13	Average	4	0.585	36.81	56.00	-19.19	36.55	0.13	0.13	QP	5	1.106	25.00	46.00	-21.00	24.70	0.13	0.17	Average	6	1.106	36.63	56.00	-19.37	36.33	0.13	0.17	QP	7	2.636	25.84	46.00	-20.16	25.40	0.17	0.27	Average	8	2.636	35.42	56.00	-20.58	34.98	0.17	0.27	QP	9	11.498	28.01	50.00	-21.99	27.47	0.27	0.27	Average	10	11.498	36.70	60.00	-23.30	36.16	0.27	0.27	QP	11	18.820	33.96	50.00	-16.04	33.54	0.36	0.06	Average	12	18.820	44.18	60.00	-15.82	43.76	0.36	0.06	QP
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Power Phase	Neutral	Test Mode	5
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The graph displays the measured level in dBuV against frequency in MHz. Two red lines represent the CISPR/CNS/VCCI-B and CISPR/CNS/VCCI-B AV limits. The blue line shows the measured signal, which is generally below the limits, with some peaks around 0.15 MHz and 18.8 MHz.

	Freq	Level	Limit	Over	Read	LISN	cable	Remark
	MHz	dBuV	dBuV	dB	dBuV	factor	loss	
1	0.150	31.61	56.00	-24.39	31.40	0.13	0.08	Average
2	0.150	48.05	66.00	-17.95	47.84	0.13	0.08	QP
3	0.183	34.62	54.33	-19.71	34.42	0.11	0.09	Average
4	0.183	50.83	64.33	-13.50	50.63	0.11	0.09	QP
5	0.273	25.40	51.03	-25.63	25.18	0.12	0.10	Average
6	0.273	42.07	61.03	-18.96	41.85	0.12	0.10	QP
7	0.651	27.90	46.00	-18.10	27.63	0.13	0.14	Average
8	0.651	35.83	56.00	-20.17	35.56	0.13	0.14	QP
9	2.678	18.39	46.00	-27.61	17.95	0.17	0.27	Average
10	2.678	26.43	56.00	-29.57	25.99	0.17	0.27	QP
11	18.820	31.41	50.00	-18.59	30.96	0.39	0.06	Average
12	18.820	43.47	60.00	-16.53	43.02	0.39	0.06	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).

Note 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

## 3.2 Radiated Emissions

### 3.2.1 Limit of Radiated Emissions

According to FCC Part 15, Subpart B §15.109, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Frequency of Emission (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
30 - 88	100	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
Above 960	500	54	3

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705-108	1000
108-500	2000
500-1000	5000
Above 1000	5th harmonic of the highest frequency or 40 GHz, whichever is lower

Note: According to FCC Part 15, Subpart B §15.33: For an unintentional radiator is shown in the table above.

### 3.2.2 Test Procedures

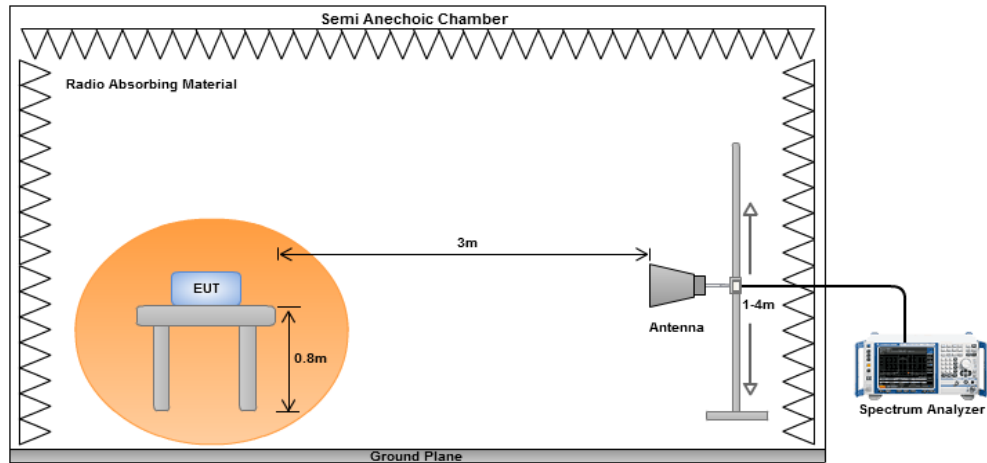
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. The EUT is placed at a height of 0.8 m test table above the ground plane.
2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.

Note:

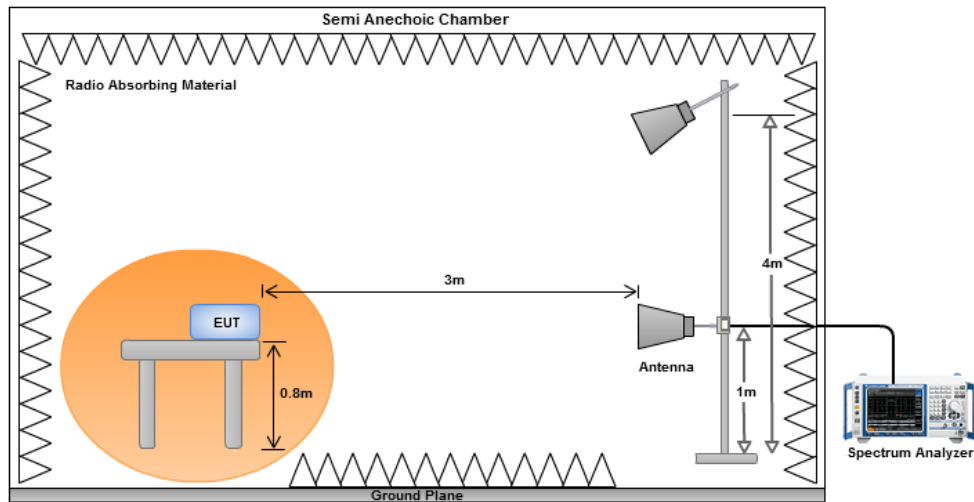
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=3MHz and RMS detector is for average measured value of radiated emission above 1GHz.

### 3.2.3 Test Setup

#### Radiated Emissions below 1 GHz



#### Radiated Emissions above 1 GHz

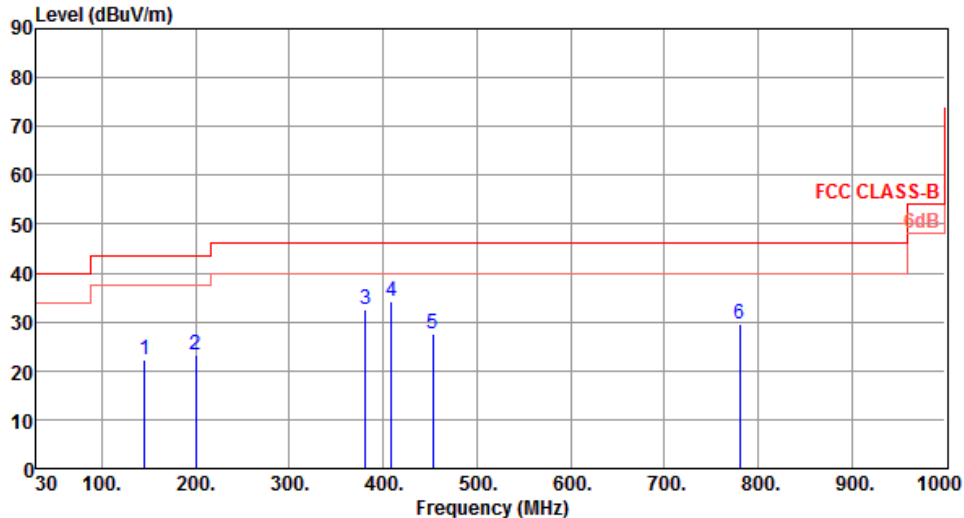




### 3.2.4 Radiated Emissions (Below 1GHz)

Polarization	Horizontal			Test Mode		5			
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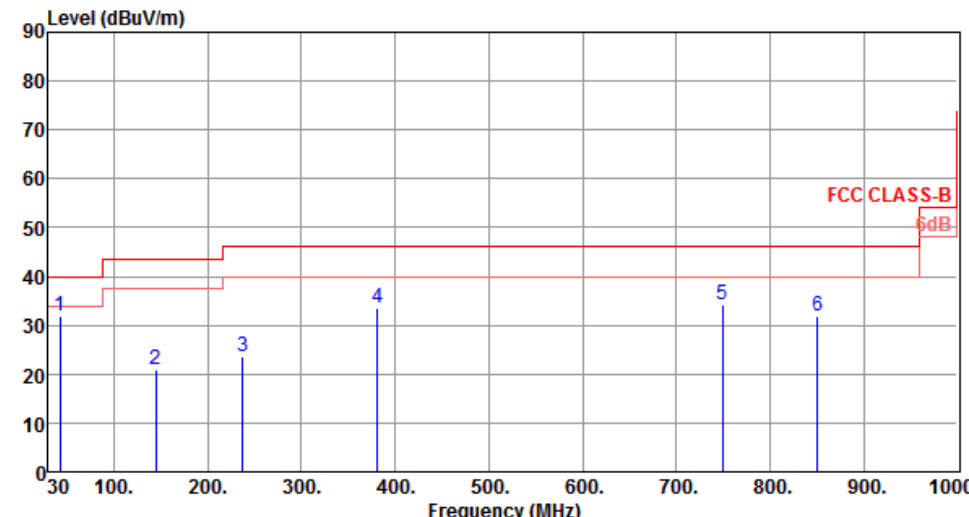
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	145.43	22.39	43.50	-21.11	34.45	-12.06	Peak	---	---
2	199.75	23.12	43.50	-20.38	37.76	-14.64	Peak	---	---
3	381.14	32.65	46.00	-13.35	64.11	-31.46	Peak	---	---
4	409.27	34.27	46.00	-11.73	65.72	-31.45	Peak	---	---
5	452.92	27.50	46.00	-18.50	58.91	-31.41	Peak	---	---
6	780.78	29.40	46.00	-16.60	31.62	-2.22	Peak	---	---

Note 1: Emission level (dBuV/m) = SA reading (dBuV) + Factor (dB)  
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m)

Polarization	Vertical	Test Mode	5
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Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	31.87	40.00	-8.13	43.55	-11.68	Peak	---	---
2	21.03	43.50	-22.47	33.13	-12.10	Peak	---	---
3	23.49	46.00	-22.51	36.70	-13.21	Peak	---	---
4	33.58	46.00	-12.42	42.76	-9.18	Peak	---	---
5	34.15	46.00	-11.85	36.66	-2.51	Peak	---	---
6	31.74	46.00	-14.26	33.07	-1.33	Peak	---	---

Note 1: Emission level (dBUV/m) = SA reading (dBUV) + Factor (dB)  
 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m)

### 3.2.5 Radiated Emissions (Above 1GHz)

Polarization	Horizontal			Test Mode			5		
<div><div><div>Level (dBuV/m)</div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div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Polarization	Vertical	Test Mode	5						
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	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn
	MHz	level			reading			High	Table
		dBuV/m	dBuV/m	dB	dBuV	dB		cm	deg
1	1238.00	26.31	54.00	-27.69	33.64	-7.33	Average	100	300
2	1238.00	38.85	74.00	-35.15	46.18	-7.33	Peak	100	300
3	1829.00	26.64	54.00	-27.36	31.33	-4.69	Average	100	285
4	1829.00	39.18	74.00	-34.82	43.87	-4.69	Peak	100	285
5	2752.00	29.90	54.00	-24.10	31.34	-1.44	Average	100	300
6	2752.00	42.38	74.00	-31.62	43.82	-1.44	Peak	100	300

Note 1: Emission level (dBUV/m) = SA reading (dBUV) + Factor (dB)  
2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m)

## 4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corp, it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan Hsiang. Location map can be found on our website <http://www.icertifi.com.tw>.

### **Linkou**

Tel: 886-2-2601-1640

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R.O.C.

### **Kwei Shan**

Tel: 886-3-271-8666

No. 3-1, Lane 6, Wen San 3rd  
St., Kwei Shan Hsiang, Tao Yuan  
Hsien 333, Taiwan, R.O.C.

### **Kwei Shan Site II**

Tel: 886-3-271-8640

No. 14-1, Lane 19, Wen San 3rd  
St., Kwei Shan Hsiang, Tao Yuan  
Hsien 333, Taiwan, R.O.C.

If you have any suggestion, please feel free to contact us as below information

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==END==