

Test Report of FCC Part 15 C for FCC Certificate

On Behalf of

ACME the game company GmbH

Product description: FCOIII

Model No.: FCOIII

FCC ID: XPO-FCOIII

Prepared for: **ACME the game company GmbH**

Industriestr.10A,33397 Rietberg,Germany

Prepared by: **Bontek Compliance Testing Laboratory Ltd**

1/F, Block East H-3, OCT Eastern Ind. Zone, Qiaocheng East Road, Nanshan, Shenzhen, China

Tel: 86-755-86337020

Fax: 86-755-86337028

Report No.: BCT09HR-736E

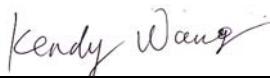
Issue Date: September 4, 2009

Test Date: August 13~September 2, 2009

Test by:

Reviewer:




Kendy Wang

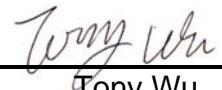

Tony Wu

TABLE OF CONTENTS

1. GENERAL INFORMATION	3
1.1 Product Description for Equipment Under Test (EUT).....	3
1.2 Related Submittal(s) / Grant (s).....	3
1.3 Test Methodology	3
1.4 Test Facility.....	4
2. SYSTEM TEST CONFIGURATION.....	5
2.1 EUT Configuration	5
2.2 EUT Exercise	5
2.3 General Test Procedures	5
2.4 List of Measuring Equipments Used	6
3. SUMMARY OF TEST RESULTS.....	7
4. TEST OF CONDUCTED EMISSION	8
4.1 Applicable Standard.....	8
4.2 Test Setup Diagram.....	8
4.3 Test Result.....	8
5- BAND EDGES MEASUREMENT.....	13
5.1 Limit of Band Edges Measurement	13
5.2 EUT Setup	13
5.3 Test Procedure	14
5.4 Test Result.....	14
6- SPURIOUS EMISSIONS	16
6.1 Limit of Spurious Emissions	16
6.2 EUT Setup	17
6.3 Test Procedure	18
6.4 Spurious Emissions Test Result.....	19
7. ANTENNA REQUIREMENT	29
7.1 Standard Applicable.....	29
7.2 Antenna Connected Construction	29

1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

Applicant:	ACME the game company GmbH
Address of applicant:	Industriestr.10A,33397 Rietberg,Germany
Manufacturer:	Shenzhen OME CO.,LTD
Address of manufacturer:	5th Floor,Tonghe Industial Zone, Dakan, Xili, ShenZhen,China
EUT Description:	FCOIII
Trade Name:	FlyCamOne
Model No.:	FCOIII
Rated Voltage	DC 5V from inner rechargeable battery, and be charged by adapter
Frequency range	2414.2MHz
Number of channels	1
Channel Separation	None
Product Class:	Low Power Communication Device Transmitter
Measurement Procedure	ANSI C63.4-2003
Adaptor Specification:	AC Adapter : Brand Name: FCOIII Input:AC 110-240V 50/60Hz,120mA Output:DC 5V 1.5A

Remark: * The test data gathered are from the production sample provided by the manufacturer.

1.2 Related Submittal(s) / Grant (s)

This submittal(s) is a test report based on the Electromagnetic Interference (EMI) tests performed on the EUT. The EMI measurements were performed according to the measurement procedure described in ANSI C63.4 - 2003.

The tests were performed in order to determine compliance with Section 15.107 and 15.109 under the FCC Rules Part 15 Subpart B and Section 15.207, 15.209, 15.249 under the FCC Rules Part 15 Subpart C.

1.3 Test Methodology

Both conducted and radiated testing were performed according to the procedures in ANSI C63.4 - 2003, American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the range of 9 kHz to 40 GHz. Radiated testing was performed at an antenna to EUT distance 3 meters.

1.4 Test Facility

All measurement required was performed at laboratory of Bontek Compliance Testing Laboratory Ltd at 1/F, Block East H-3, OCT Eastern Ind. Zone, Qiaocheng East Road, Nanshan, Shenzhen, China.

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

FCC – Registration No.: 338263

Bontek Compliance Testing Laboratory Ltd 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 338263, March 24, 2008.

IC Registration No.: 17631A

The 3m alternate test site of Bontek Compliance Testing Laboratory Ltd EMC Laboratory has been registered by Certification and Engineer Bureau of Industry Canada for the performance of with Registration NO.: 17631A on March, 2008.

2. SYSTEM TEST CONFIGURATION

The tests documented in this report were performed in accordance with ANSI C63.4-2003 and FCC CFR 47 Part 15 Subpart C.

2.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner that intends to maximize its emission characteristics in a continuous normal application.

2.2 EUT Exercise

The calibrated antennas used to sample the radiated field strength are mounted on a non-conductive, motorized antenna mast 3 or 10 meters from the leading edge of the turntable.

2.3 General Test Procedures

Conducted Emissions The EUT is placed on the turntable, which is 0.8 m above ground plane. According to the requirements in Section 7.1 of ANSI C63.4-2003. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak detector mode.

Radiated Emissions The EUT is placed on as turntable, which is 0.8 m above ground plane. The turntable shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna, which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the maximum emissions, exploratory radiated emission measurements were made according to the requirements in Section 13.1.4.1 of ANSI C63.4-2003.

2.4 List of Measuring Equipments Used

Items	Equipment	Manufacturer	Model No.	Serial No.	Last Cal	Calibration Period
1	EMI Test Receiver	R&S	ESCI	100687	2009-2-22	1 Year
2	EMI Test Receiver	R&S	ESPI	100097	2009-2-22	1 Year
3	Amplifier	HP	8447D	1937A024 92	2009-2-22	1 Year
4	TRILOG Broadband Test- Antenna	SCHWARZBECK	VULB9163	9163-324	2009-2-22	1 Year
5	3 phase Artificial Mains (L.I.S.N)	SCHWARZBECK	NSLK 8128	8128247	2009-3-31	1 Year
6	Horn Antenna	SCHWARZBECK	BBHA9120A	D69250	2009-2-27	1 Year
7	High Field Biconical Antenna	ELECTRO- METRICS	EM-6913	166	2008-9-04	1 Year
8	Log Periodic Antenna	ELECTRO- METRICS	EM-6950	811	2008-9-04	1 Year
9	Remote Active Vertical Antenna	ELECTRO- METRICS	EM-6892	304	2008-9-04	1 Year
10	Power Clamp	SCHWARZBECK	MDS-21	3812	2009-2-22	1 Year

3. SUMMARY OF TEST RESULTS

EUT Fundamental Frequency	FCC Rules	Description of Test	Result
2415MHz	15.207	Disturbance Voltage at The Mains Terminals	Pass
	15.249	Band Edges Measurement	Pass
	15.249	Spurious Emission	Pass
	15.203	Antenna Requirement	Pass

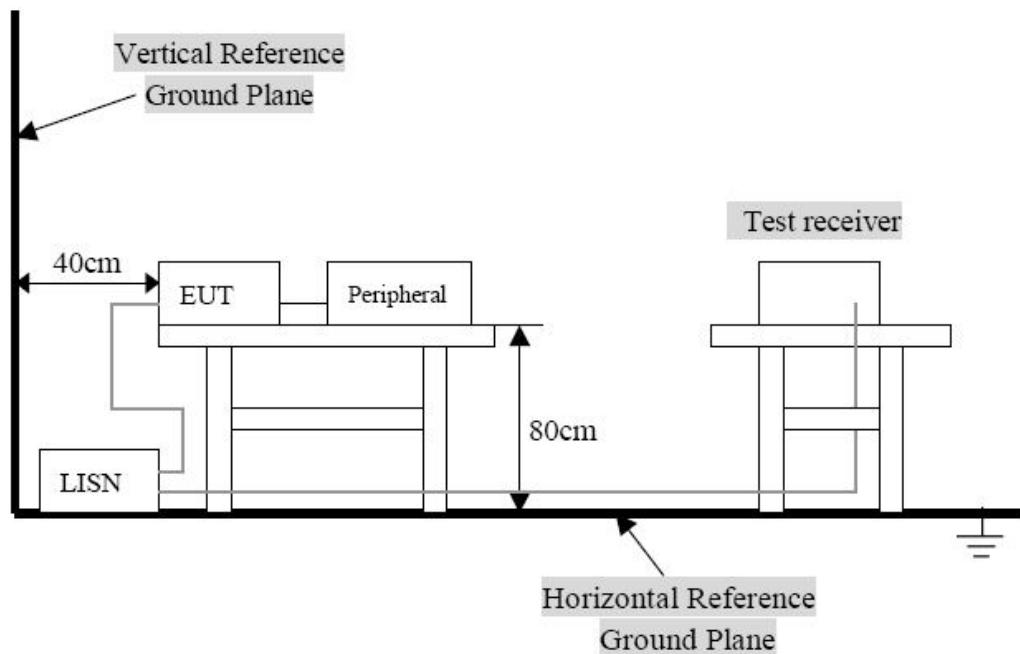
4. TEST OF CONDUCTED EMISSION

4.1 Applicable Standard

Section 15.207: For a Low-power Radio-frequency Device is designed to be connected to the AC power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed below limits table.

Frequency Range (MHz)	Limits (dBuV)	
	Quasi-Peak	Average
0.150~0.500	66~56	56~46
0.500~5.000	56	46
5.000~30.00	60	50

4.2 Test Setup Diagram



Remark: 1. The setup of EUT is according with per ANSI C63.4-2003 measurement procedure. The specification used was with the FCC 15.207 limits.
2. The EUT was charged on the base, and the base was connected to a 120 VAC/ 60Hz power source.

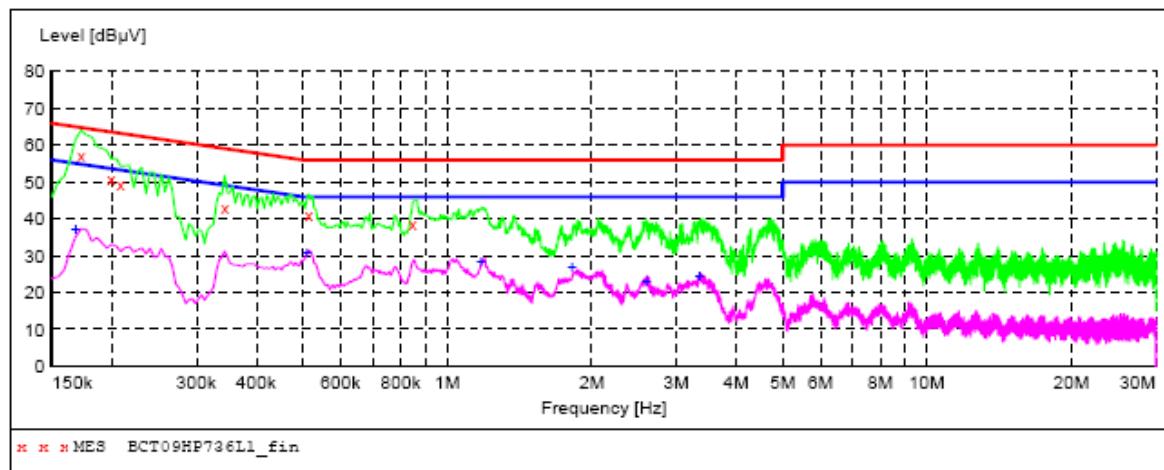
4.3 Test Result

Temperature (°C) : 22~23	EUT: FCOIII
Humidity (%RH) : 50~54	M/N: FCOIII
Barometric Pressure (mbar) : 950~1000	Operation Condition: Charging&Connect to PC

CHARGING MODE:

EUT: FCO111 M/N:FCO111
 Manufacturer: BCT
 Operating Condition: CHARGING
 Test Site: SHIELDED ROOM
 Operator: CHEN
 Test Specification: AC 120V/60Hz
 Comment: L LINE
 Temperature:24 Humiuility:60%

SCAN TABLE: "Voltage (9K-30M) FIN"
Short Description: 150K-30M Voltage



MEASUREMENT RESULT: "BCT09HP736L1_fin"

8/13/2009 09:47

Frequency MHz	Level dB μ V	Transd dB	Limit dB μ V	Margin dB	Detector	Line	PE
0.172500	57.30	11.1	65	7.5	QP	L1	GND
0.199500	50.70	10.8	64	12.9	QP	L1	GND
0.208500	49.50	10.8	63	13.8	QP	L1	GND
0.343500	43.00	10.5	59	16.1	QP	L1	GND
0.514500	41.40	10.2	56	14.6	QP	L1	GND
0.847500	38.60	10.2	56	17.4	QP	L1	GND

MEASUREMENT RESULT: "BCT09HP736L1_fin2"

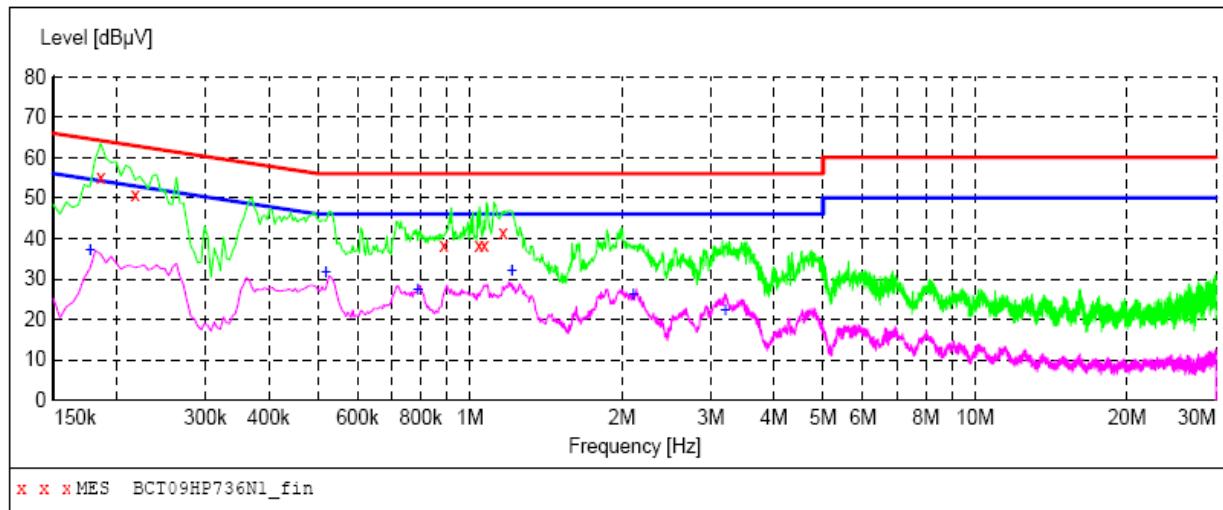
8/13/2009 09:47

Frequency MHz	Level dB μ V	Transd dB	Limit dB μ V	Margin dB	Detector	Line	PE
0.168000	37.40	11.2	55	17.7	AV	L1	GND
0.510000	30.80	10.2	46	15.2	AV	L1	GND
1.176000	28.40	10.3	46	17.6	AV	L1	GND
1.824000	26.90	10.2	46	19.1	AV	L1	GND
2.598000	23.00	10.2	46	23.0	AV	L1	GND
3.354000	24.30	10.3	46	21.7	AV	L1	GND

CHARGING MODE:

EUT: FCO111 M/N:FCO111
 Manufacturer: BCT
 Operating Condition: CHARGING
 Test Site: SHIELDED ROOM
 Operator: CHEN
 Test Specification: AC 120V/60Hz
 Comment: N LINE
 Temperature:24 Humiuity:60%

SCAN TABLE: "Voltage (9K-30M) FIN"
 Short Description: 150K-30M Voltage



MEASUREMENT RESULT: "BCT09HP736N1_fin"

8/13/2009 09:44

Frequency MHz	Level dB μ V	Transd dB	Limit dB μ V	Margin dB	Detector	Line	PE
0.186000	55.30	11.0	64	8.9	QP	N	GND
0.217500	50.90	10.8	63	12.0	QP	N	GND
0.888000	38.20	10.2	56	17.8	QP	N	GND
1.041000	38.20	10.3	56	17.8	QP	N	GND
1.068000	38.30	10.3	56	17.7	QP	N	GND
1.162500	41.50	10.3	56	14.5	QP	N	GND

MEASUREMENT RESULT: "BCT09HP736N1_fin2"

8/13/2009 09:44

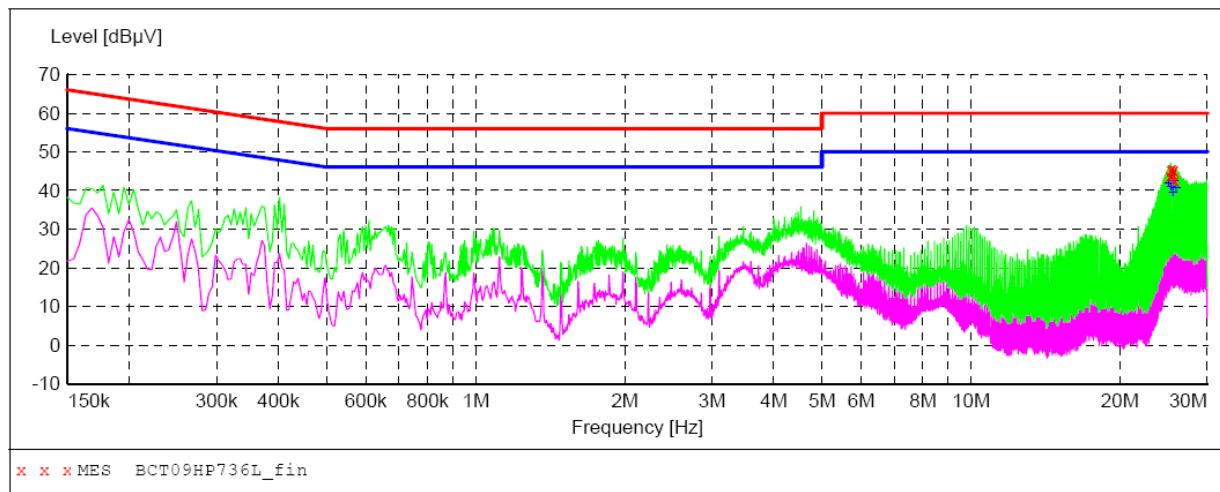
Frequency MHz	Level dB μ V	Transd dB	Limit dB μ V	Margin dB	Detector	Line	PE
0.177000	37.30	11.1	55	17.3	AV	N	GND
0.519000	31.50	10.2	46	14.5	AV	N	GND
0.789000	27.50	10.2	46	18.5	AV	N	GND
1.212000	32.00	10.3	46	14.0	AV	N	GND
2.107500	26.10	10.2	46	19.9	AV	N	GND
3.205500	22.20	10.3	46	23.8	AV	N	GND

CONNECT TO PC:

EUT: FCO111 M/N:FCO111
 Manufacturer: BCT
 Operating Condition: CONNECT TO PC
 Test Site: SHIELDED ROOM
 Operator: CHEN
 Test Specification: AC 120V/60Hz
 Comment: L LINE
 Temperature:24 Humiuity:60%

SCAN TABLE: "Voltage (9K-30M) FIN"

Short Description: 150K-30M Voltage



MEASUREMENT RESULT: "BCT09HP736L_fin"

8/13/2009 09:15

Frequency MHz	Level dB μ V	Transd dB	Limit dB μ V	Margin dB	Detector	Line	PE
25.188000	43.70	10.9	60	16.3	QP	L1	GND
25.314000	45.20	10.9	60	14.8	QP	L1	GND
25.440000	45.70	10.9	60	14.3	QP	L1	GND
25.561500	44.50	10.9	60	15.5	QP	L1	GND
25.687500	45.20	10.9	60	14.8	QP	L1	GND
25.809000	42.60	10.9	60	17.4	QP	L1	GND

MEASUREMENT RESULT: "BCT09HP736L_fin2"

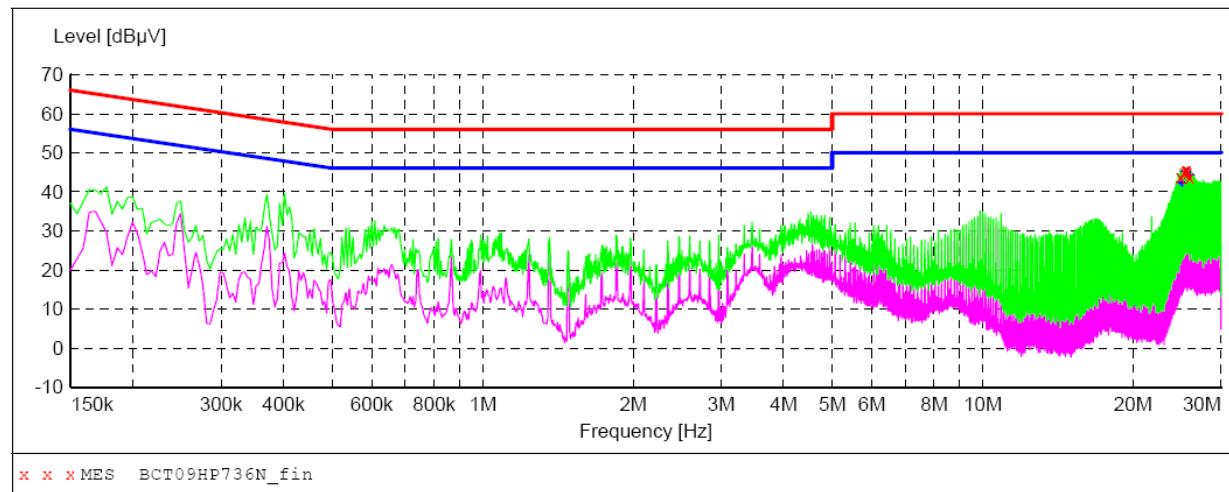
8/13/2009 09:15

Frequency MHz	Level dB μ V	Transd dB	Limit dB μ V	Margin dB	Detector	Line	PE
25.066500	41.80	10.9	50	8.2	AV	L1	GND
25.314000	41.00	10.9	50	9.0	AV	L1	GND
25.440000	44.00	10.9	50	6.0	AV	L1	GND
25.561500	39.40	10.9	50	10.6	AV	L1	GND
25.687500	42.40	10.9	50	7.6	AV	L1	GND
25.935000	40.40	11.0	50	9.6	AV	L1	GND

CONNECT TO PC:

EUT: FCO111 M/N:FCO111
 Manufacturer: BCT
 Operating Condition: CONNECT TO PC
 Test Site: SHIELDED ROOM
 Operator: CHEN
 Test Specification: AC 120V/60Hz
 Comment: N LINE
 Temperature:24 Humiuility:60%

SCAN TABLE: "Voltage (9K-30M) FIN"
 Short Description: 150K-30M Voltage



MEASUREMENT RESULT: "BCT09HP736N_fin"

8/13/2009 09:17

Frequency MHz	Level dB μ V	Transd dB	Limit dB μ V	Margin dB	Detector	Line	PE
24.828000	44.00	10.9	60	16.0	QP	N	GND
25.323000	45.00	10.9	60	15.0	QP	N	GND
25.449000	45.60	10.9	60	14.4	QP	N	GND
25.575000	45.60	10.9	60	14.4	QP	N	GND
25.696500	45.10	10.9	60	14.9	QP	N	GND
25.944000	43.90	11.0	60	16.1	QP	N	GND

MEASUREMENT RESULT: "BCT09HP736N_fin2"

8/13/2009 09:17

Frequency MHz	Level dB μ V	Transd dB	Limit dB μ V	Margin dB	Detector	Line	PE
24.828000	42.40	10.9	50	7.6	AV	N	GND
25.075500	42.10	10.9	50	7.9	AV	N	GND
25.327500	45.00	10.9	50	5.0	AV	N	GND
25.575000	45.00	10.9	50	5.0	AV	N	GND
25.822500	44.20	10.9	50	5.8	AV	N	GND
25.948500	44.10	11.0	50	5.9	AV	N	GND

5- BAND EDGES MEASUREMENT

5.1 Limit of Band Edges Measurement

1. In the above emission table, the tighter limit applies at the band edges.
2. As shown in Section 15.35(b), for frequencies above 1000 MHz, the above field strength limits in paragraphs (a) and (b) of this section 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. For point-to-point operation under paragraph (b) of this section, the peak field strength shall not exceed 2500 millivolts/meter at 3 meters along the antenna azimuth.

Frequency (MHz)	Field Strength ($\mu\text{V/m}$ at 3-meter)	Field Strength ($\text{dB}\mu\text{V/m}$ at 3-meter)
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Note: (1) The tighter limit shall apply at the edge between two frequency bands.

(2) The emission limits shown in the above table are based on measurement employing a CISPR quasi-peak detector and above 1000MHz are based on measurements employing an average detector.

5.2 EUT Setup

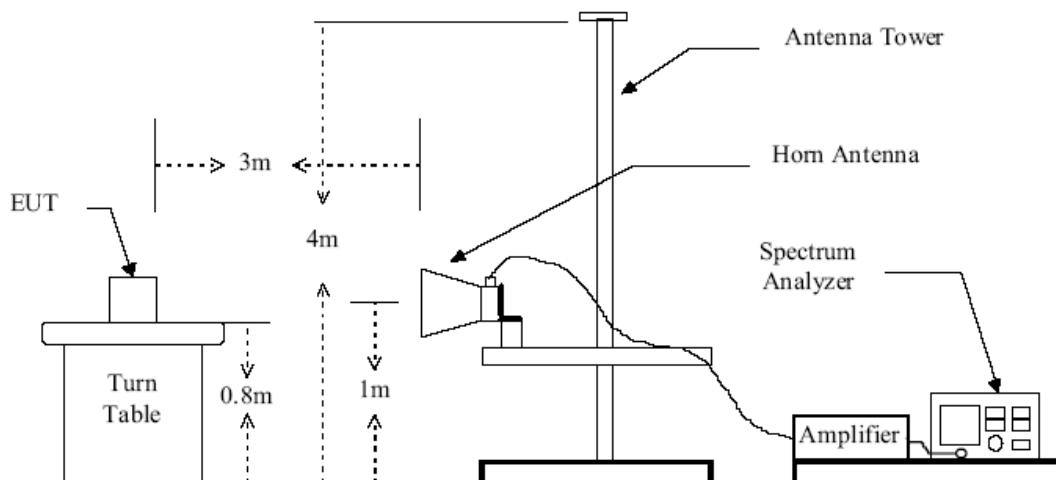


Figure 2 : Frequencies measured above 1 GHz configuration

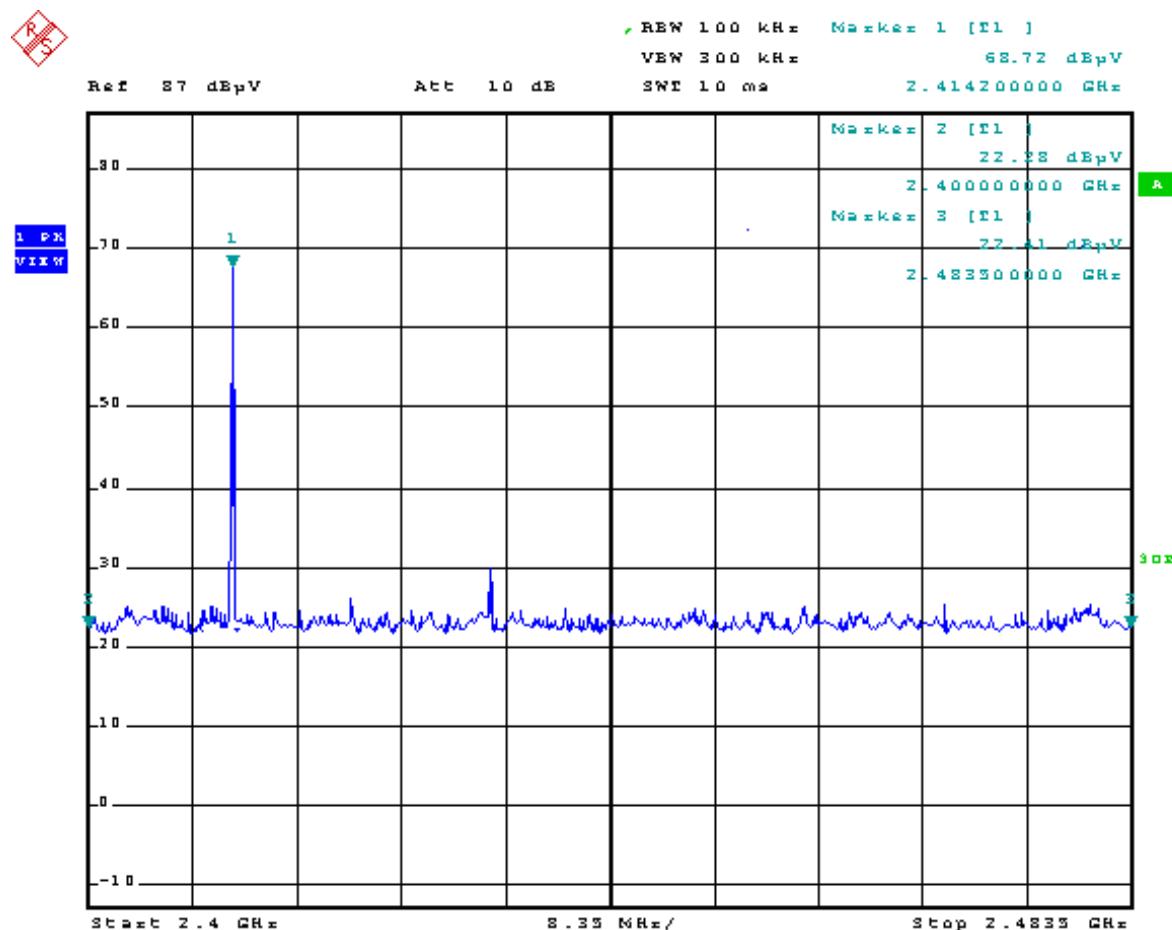
5.3 Test Procedure

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

- 1). Configure the EUT according to ANSI C63.4:2003.
- 2). The EUT was placed on the top of the turntable 0.8 meter above ground.
- 3). The receiving antenna was placed 3 meters far away from the turntable.
- 4). The turntable was rotated by 360 degrees to determine the position of the highest radiation.
- 5). The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emission field strength of both horizontal and vertical polarization. For each suspected emission, the antenna tower was scanned (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.

5.4 Test Result

Temperature (°C) : 22~23	EUT: FCOIII
Humidity (%RH) : 50~54	M/N: FCOIII
Barometric Pressure (mbar) : 950~1000	Operation Condition: Continuous Transmitting



6- SPURIOUS EMISSIONS

6.1 Limit of Spurious Emissions

1. In the section 15.249(a): Except as provided in paragraph (b) of this section, the field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:
2. Except as provided elsewhere in this Subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Fundamental Frequency (MHz)	Field Strength of Fundamental Field Strength (mV/m)	Field Strength of Harmonics (mV/m)
902-928 MHz	50	500
2400 - 2483.5 MHz	50	500
5725 - 5875 MHz	50	500
24.0 - 24.25 GHz	250	2500

Frequency (MHz)	Field Strength (μ V/m)	Measurement Distance (m)
30-88	100*	3
88-216	150*	3
216-960	200*	3
Above 960	500	3

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

3. In the above emission table, the tighter limit applies at the band edges.

Frequency (MHz)	Field Strength (μ V/m at 3-meter)	Field Strength (dB μ V/m at 3-meter)
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

6.2 EUT Setup

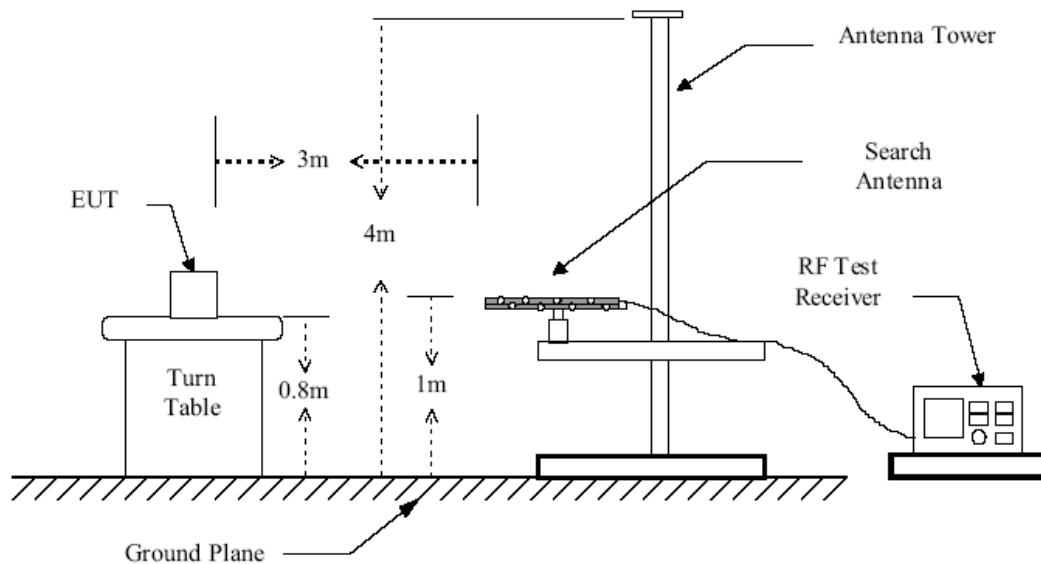


Figure 1 : Frequencies measured below 1 GHz configuration

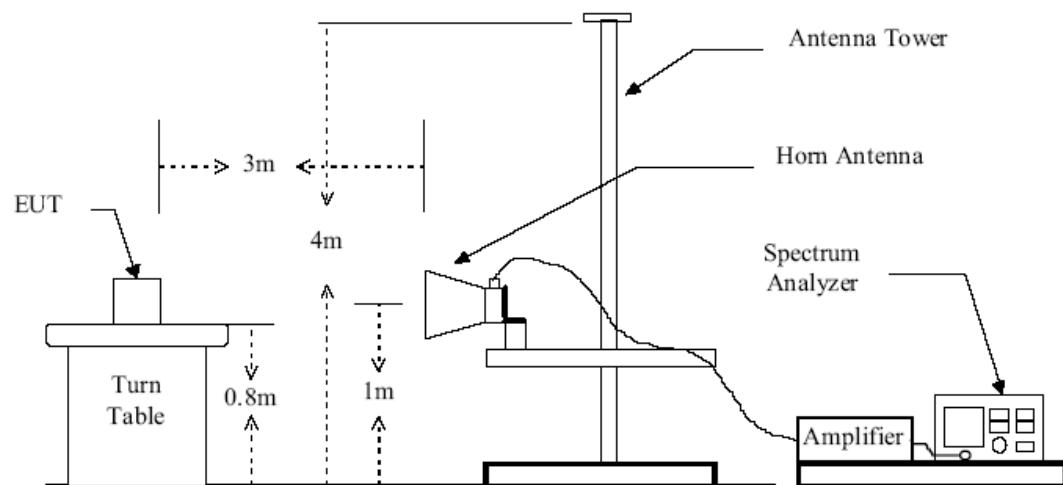


Figure 2 : Frequencies measured above 1 GHz configuration

6.3 Test Procedure

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

- 1). Configure the EUT according to ANSI C63.4:2003.
- 2). The EUT was placed on the top of the turntable 0.8 meter above ground.
- 3). The receiving antenna was placed 3 meters far away from the turntable.
- 4). The turntable was rotated by 360 degrees to determine the position of the highest radiation.
- 5). The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emission field strength of both horizontal and vertical polarization. For each suspected emission, the antenna tower was scanned (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.

6.4 Spurious Emissions Test Result

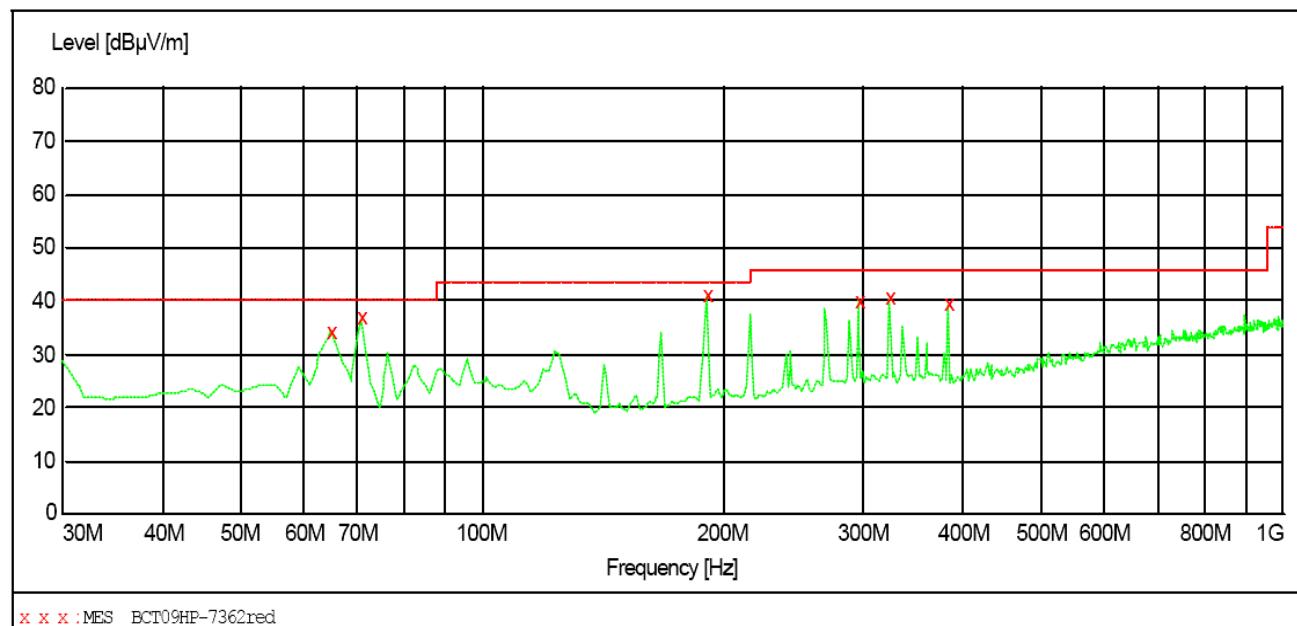
Temperature (°C) : 22~23	EUT:FCOIII
Humidity (%RH): 50~54	M/N: FCOIII
Barometric Pressure (mbar): 950~1000	Operation Condition: Charging &Continuous Transmitting & Connect to PC

CONNECT TO PC:

EUT: M/N:FC0111
 Manufacturer: BCT
 Operating Condition: CONNECT TO PC
 Test Site: 3M CHAMBER
 Operator: JIP
 Test Specification: AC120V/60Hz
 Comment: Polarisation:H
 Temperature:25 Humiuity:50%

SWEET TABLE: "test (30M-1G)"

Short Description:		Field Strength			
Start Frequency	Stop Frequency	Detector	Meas.	IF	Transducer
30.0 MHz	1.0 GHz	MaxPeak	Coupled	100 kHz	VULB9163 NEW



MEASUREMENT RESULT: "BCT09HP-7362_red"

8/13/2009 01:28

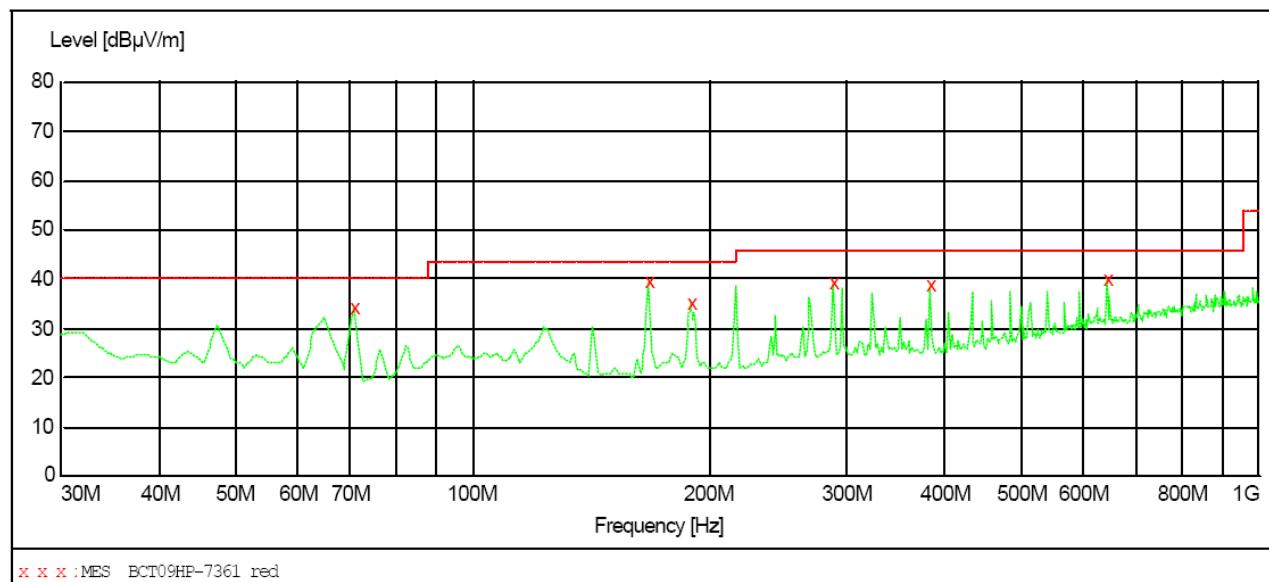
Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Det. QP	Height cm	Azimuth deg	Polarization
64.920000	34.40	14.4	40.0	5.6	QP	300.0	0.00	HORIZONTAL
70.740000	36.90	13.3	40.0	3.1	QP	300.0	0.00	HORIZONTAL
191.020000	40.90	16.8	43.5	2.6	QP	300.0	0.00	HORIZONTAL
295.780000	40.20	20.0	46.0	5.8	QP	100.0	0.00	HORIZONTAL
322.940000	40.60	20.4	46.0	5.4	QP	100.0	0.00	HORIZONTAL
383.080000	39.50	20.6	46.0	6.5	QP	100.0	0.00	HORIZONTAL

CONNECT TO PC:

EUT: M/N:FCO111
 Manufacturer: BCT
 Operating Condition: CONNECT TO PC
 Test Site: 3M CHAMBER
 Operator: JIP
 Test Specification: AC120V/60Hz
 Comment: Polarisation:V
 Temperature:25 Humiuity:50%

SWEET TABLE: "test (30M-1G)"

Field Strength				
Start Frequency	Stop Frequency	Detector	Meas.	IF Transducer
30.0 MHz	1.0 GHz	MaxPeak	Coupled	100 kHz VULB9163 NEW



MEASUREMENT RESULT: "BCT09HP-7361_red"

8/13/2009 01:30

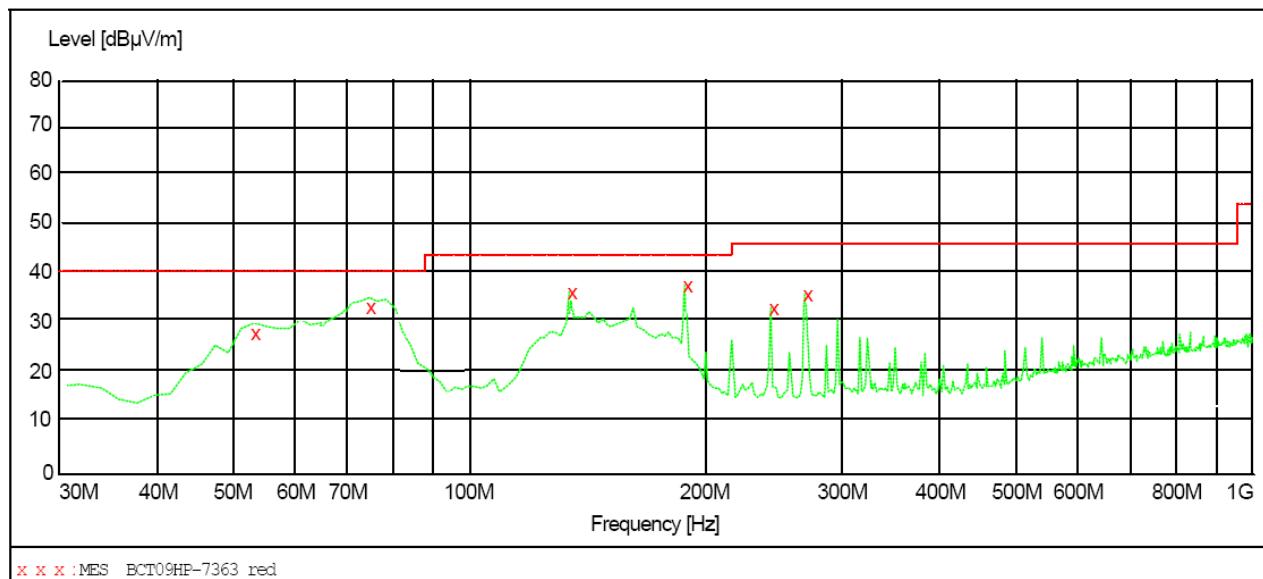
Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Det. QP	Height cm	Azimuth deg	Polarization
70.740000	34.40	13.3	40.0	5.6	QP	100.0	0.00	VERTICAL
167.740000	39.60	14.9	43.5	3.9	QP	100.0	0.00	VERTICAL
191.020000	36.40	16.8	43.5	7.1	QP	100.0	0.00	VERTICAL
288.020000	39.20	19.8	46.0	6.8	QP	100.0	0.00	VERTICAL
383.080000	38.80	20.6	46.0	7.2	QP	100.0	0.00	VERTICAL
641.100000	40.10	25.9	46.0	5.9	QP	100.0	0.00	VERTICAL

CONTINUOUS TRANSMITTING:

EUT: M/N:FC0111
 Manufacturer: BCT
 Operating Condition: Continuous Transmitting
 Test Site: 3M CHAMBER
 Operator: JIP
 Test Specification: AC120V/60Hz
 Comment: Polarisation:V
 Temperature:25 Humiuity:50%

SWEEP TABLE: "test (30M-1G)"

Short Description:		Field Strength			
Start Frequency	Stop Frequency	Detector	Meas.	IF	Transducer
30.0 MHz	1.0 GHz	MaxPeak	Coupled	100 kHz	VULB9163 NEW



MEASUREMENT RESULT: "BCT09HP-7363_red"

8/13/2009 01:42

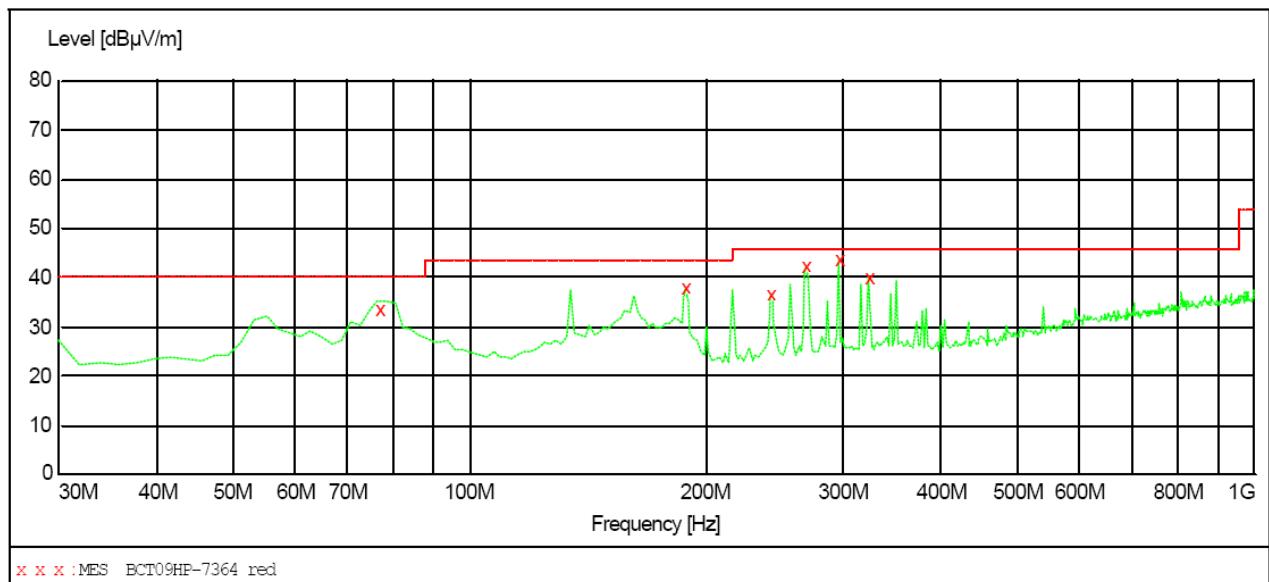
Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Det. QP	Height cm	Azimuth deg	Polarization
53.280000	27.30	16.6	40.0	12.7	QP	100.0	0.00	VERTICAL
74.620000	32.30	12.7	40.0	7.7	QP	100.0	0.00	VERTICAL
134.760000	36.00	14.2	43.5	7.5	QP	100.0	0.00	VERTICAL
189.080000	37.70	16.7	43.5	5.8	QP	100.0	0.00	VERTICAL
243.400000	32.30	18.3	46.0	13.7	QP	100.0	0.00	VERTICAL
268.620000	35.10	19.0	46.0	10.9	QP	100.0	0.00	VERTICAL

CONTINUOUS TRANSMITTING:

EUT: M/N:FC0111
 Manufacturer: BCT
 Operating Condition: Continuous Transmitting
 Test Site: 3M CHAMBER
 Operator: JIP
 Test Specification: AC120V/60Hz
 Comment: Polarisation:H
 Temperature:25 Humiuity:50%

SWEET TABLE: "test (30M-1G)"

Short Description: Field Strength					
Start Frequency	Stop Frequency	Detector	Meas.	IF Time	Transducer
30.0 MHz	1.0 GHz	MaxPeak	Coupled	100 kHz	VULB9163 NEW



MEASUREMENT RESULT: "BCT09HP-7364_red"

8/13/2009 01:43

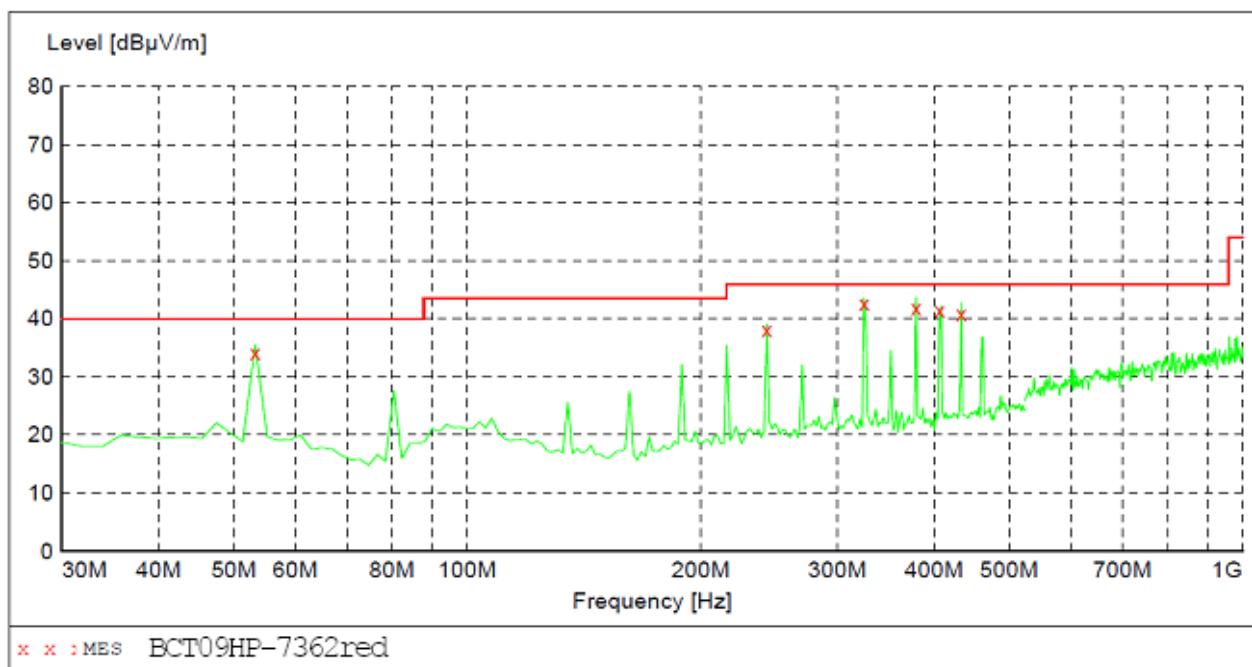
Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Det. QP	Height cm	Azimuth deg	Polarization
76.560000	33.60	12.9	40.0	6.4	QP	300.0	0.00	HORIZONTAL
189.080000	37.50	16.7	43.5	6.0	QP	100.0	0.00	HORIZONTAL
243.400000	37.00	18.3	46.0	9.0	QP	100.0	0.00	HORIZONTAL
268.620000	41.90	19.0	46.0	4.1	QP	100.0	0.00	HORIZONTAL
295.780000	43.80	20.0	46.0	2.2	QP	100.0	0.00	HORIZONTAL
322.940000	40.10	20.4	46.0	5.9	QP	100.0	0.00	HORIZONTAL

CHARGING MODE:

EUT: M/N:FC0111
 Manufacturer: BCT
 Operating Condition: CHARGING
 Test Site: 3M CHAMBER
 Operator: JIP
 Test Specification: AC120V/60Hz
 Comment: Polarisation:H
 Temperature:25 Humiuity:50%

SWEEP TABLE: "test (30M-1G)"

Short Description:		Field Strength			
Start Frequency	Stop Frequency	Detector	Meas.	IF	Transducer
30.0 MHz	1.0 GHz	MaxPeak	Coupled	100 kHz	VULB9163 NEW



MEASUREMENT RESULT: "BCT09HP-7362_red"

8/14/2009 16:30

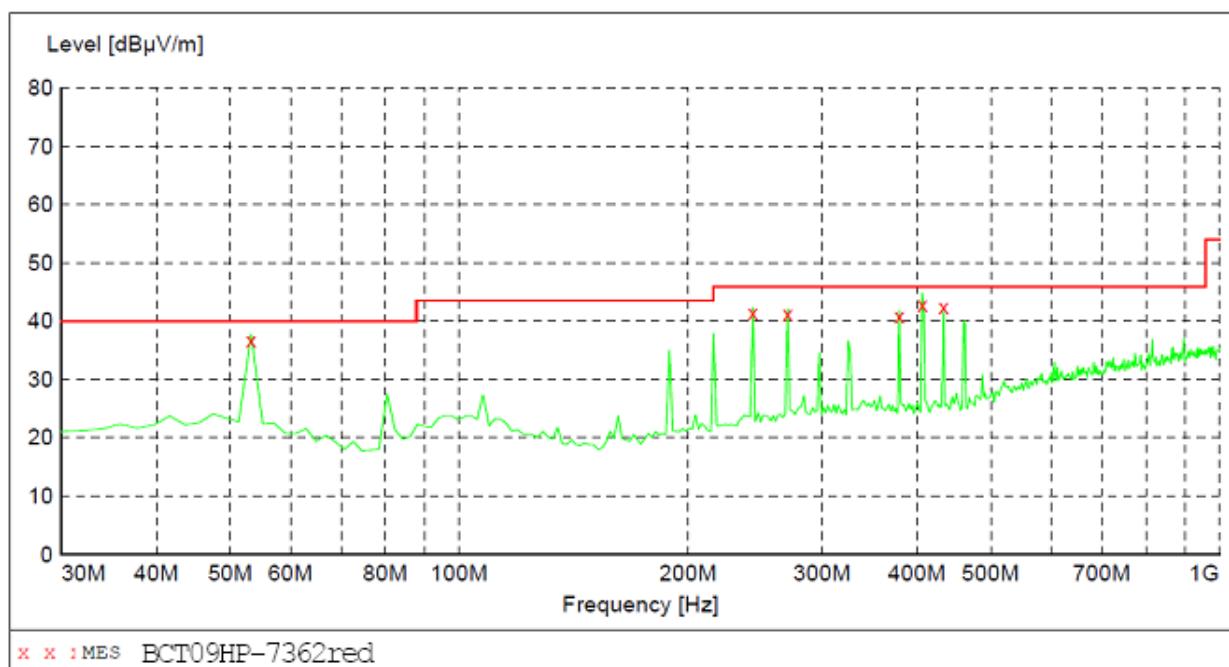
Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
53.280000	36.80	18.3	40.0	5.2	QP	100.0	0.00	HORIZONTAL
243.400000	40.80	18.3	46.0	7.2	QP	100.0	0.00	HORIZONTAL
324.880000	45.30	20.4	46.0	3.7	QP	100.0	0.00	HORIZONTAL
379.200000	44.40	20.6	46.0	4.6	QP	100.0	0.00	HORIZONTAL
406.360000	44.00	20.8	46.0	5.0	QP	100.0	0.00	HORIZONTAL
433.520000	43.50	21.3	46.0	5.5	QP	100.0	0.00	HORIZONTAL

CHARGING MODE:

EUT: M/N:FC0111
 Manufacturer: BCT
 Operating Condition: CHARGING
 Test Site: 3M CHAMBER
 Operator: JIP
 Test Specification: AC120V/60Hz
 Comment: Polarisation:V
 Temperature:25 Humiuity:50%

SWEET TABLE: "test (30M-1G)"

Short Description:		Field Strength			
Start Frequency	Stop Frequency	Detector	Meas.	IF	Transducer
30.0 MHz	1.0 GHz	MaxPeak	Coupled	100 kHz	VULB9163 NEW



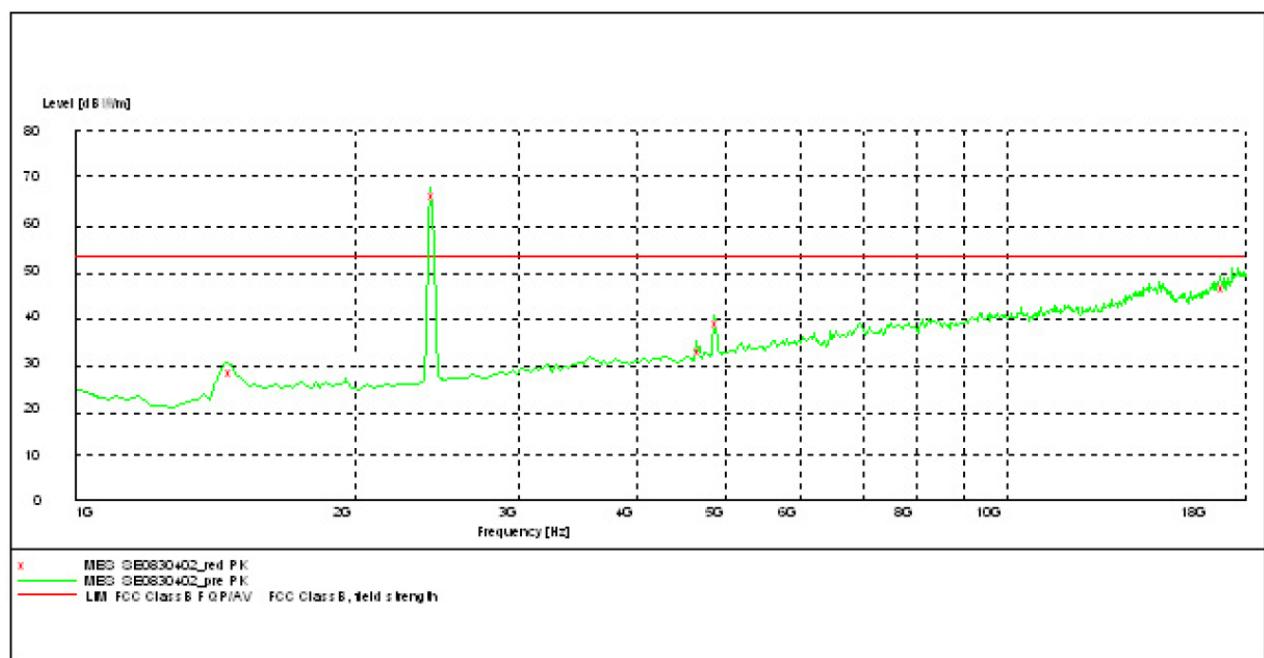
MEASUREMENT RESULT: "BCT09HP-7362_red"

8/14/2009 15:27

Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Det. QP	Height cm	Azimuth deg	Polarization
53.280000	37.70	16.6	40.0	3.3	QP	100.0	0.00	VERTICAL
243.400000	42.30	18.3	46.0	3.7	QP	100.0	0.00	VERTICAL
270.560000	42.10	19.1	46.0	3.9	QP	100.0	0.00	VERTICAL
379.200000	41.80	20.6	46.0	4.2	QP	100.0	0.00	VERTICAL
406.360000	43.80	20.8	46.0	3.8	QP	100.0	0.00	VERTICAL
433.520000	43.40	21.3	46.0	3.6	QP	100.0	0.00	VERTICAL

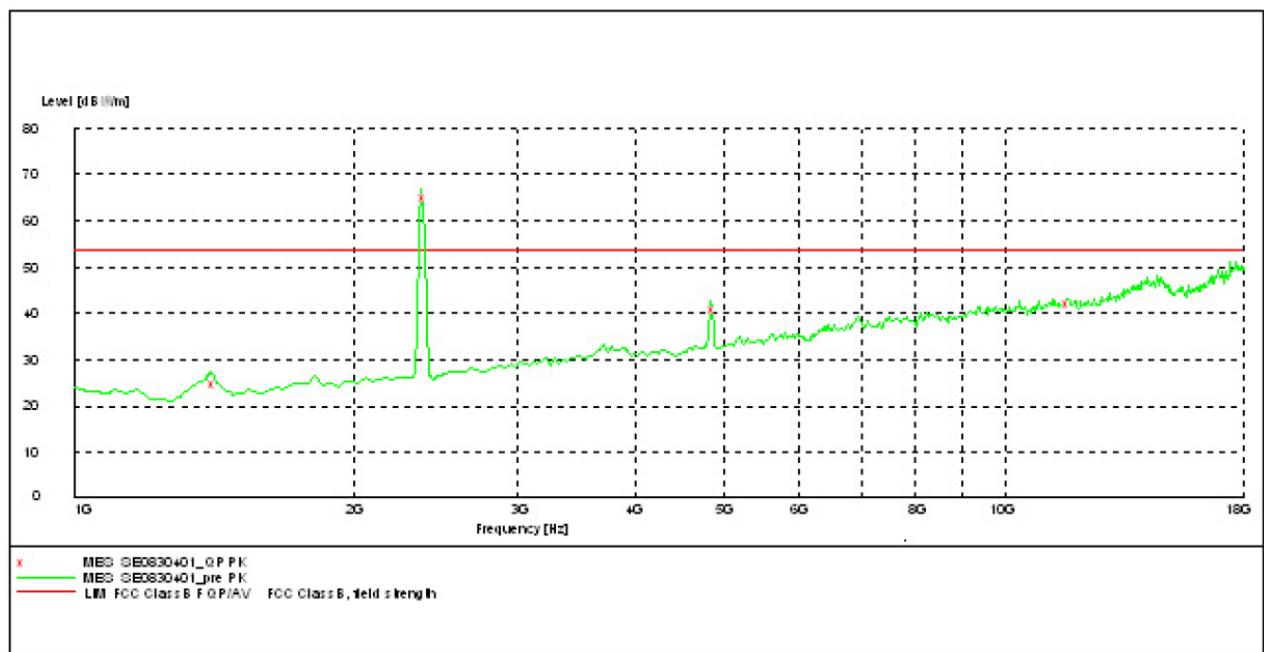
Spurious Emissions above 1GHz

EUT: FCOIII
M/N: FCOIII
Operating Condition: Continuous Transmitting
Test Site: Shielded Room
Operator: Chen
Test Specification: Continuous Transmitting
Vertical Polarization

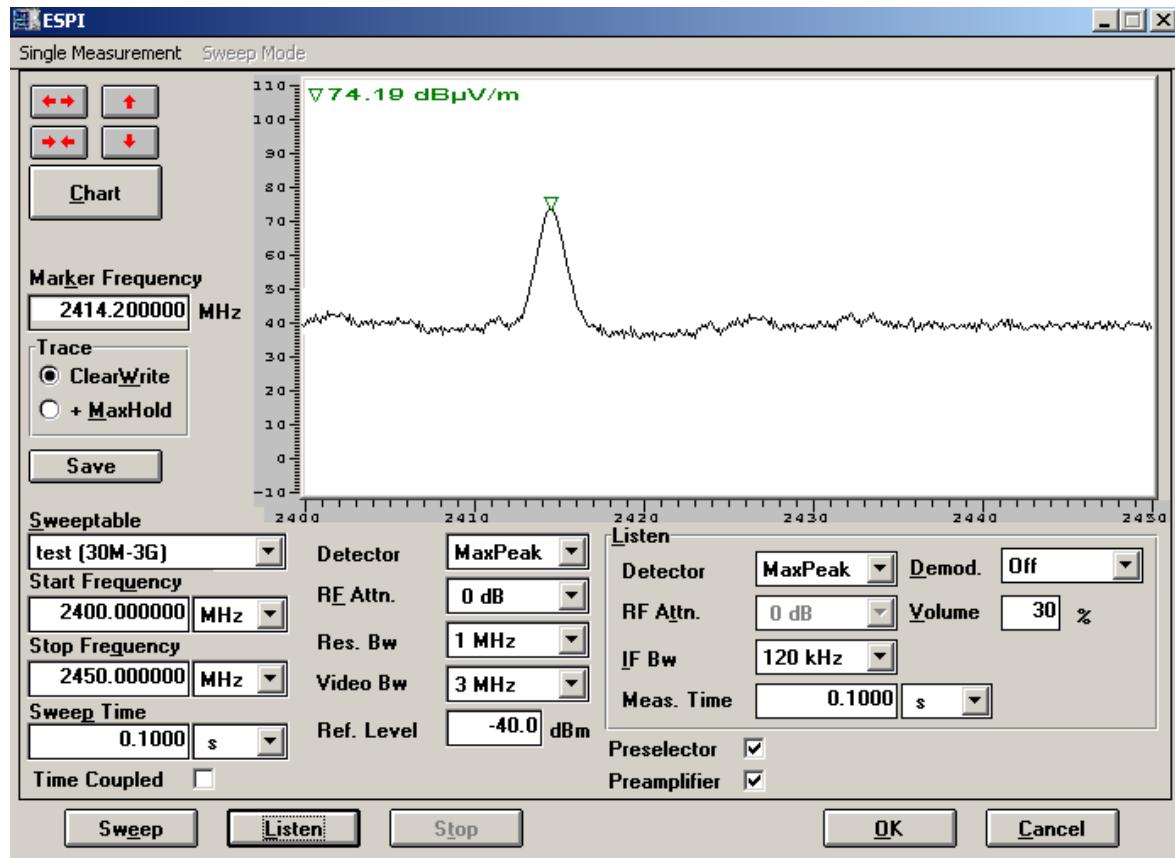


Spurious Emissions above 1GHz

EUT: FCOIII
M/N: FCOIII
Operating Condition: Continuous Transmitting
Test Site: Shielded Room
Operator: Chen
Test Specification: Continuous Transmitting
Horizontal Polarization



The result of Field Strength of Fundamental Field Strength



Remark:: Field Strength of Fundamental Field Strength of the EUT is 74.19dB μ V/m , is lower than 50mv/m(94 dB μ V/m), complies with limit of section 15.249(a) ,and the result is pass.

7. ANTENNA REQUIREMENT

7.1 Standard Applicable

Section 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. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

7.2 Antenna Connected Construction

The antenna connector is designed with permanent attachment and no consideration of replacement.