



Prüfbericht - Nr.: 17018365 001		Seite 1 von 36	
<i>Test Report No.:</i>		<i>Page 1 of 36</i>	
Auftraggeber:	Primax Electronics Ltd.		
<i>Client:</i>	669, Ruey Kuang Road. Neihu 114, Taipei, Taiwan		
Gegenstand der Prüfung:	iPad Keyboard Capsule		
<i>Test item:</i>			
Bezeichnung:	RF-iCAP12 KBBT41811	Serien-Nr.:	n.a.
<i>Identification:</i>		<i>Serial No.:</i>	
Wareneingangs-Nr.:	163069584	Eingangsdatum:	2010-10-21
<i>Receipt No.:</i>		<i>Date of receipt:</i>	
Prüfört:	Audix Technology (Shenzhen) Co., Ltd.		
<i>Testing location:</i>	No. 6, Ke Feng Road, Block 52, Shenzhen Science & Industry Park, Nantou, Shenzhen, Guangdong, P.R. China		
	FCC Registration No.:90454		
	Test site Industry Canada No.: 5183A-1		
Prüfgrundlage:	FCC CFR47 Part 15: Subpart C Section 15.247		
<i>Test specification:</i>	FCC CFR47 Part 15: Subpart C Section 15.209		
	RSS-210 Issue 7, June 2007		
	RSS-Gen Issue 2, June 2007		
	RSS-102 Issue 4, March 2010		
Prüfergebnis:	Der Prüfgegenstand entspricht oben genannter Prüfgrundlage(n).		
<i>Test Result:</i>	<i>The test item passed the test specification(s).</i>		
Prüflaboratorium:	TÜV Rheinland (Shenzhen) Co., Ltd.		
<i>Testing Laboratory:</i>			
geprüft/ tested by:	kontrolliert/ reviewed by:		
			
2010-11-08	Sam Lin/ Project Manager	2010-11-12	Shawn Peng/ Technical Certifier
Datum	Name/Stellung	Unterschrift	Datum
<i>Date</i>	<i>Name/Position</i>	<i>Signature</i>	<i>Date</i>
Sonstiges/ Other Aspects:			
Abkürzungen:	<i>P(ass) = entspricht Prüfgrundlage</i>	Abbreviations:	<i>P(ass) = passed</i>
	<i>F(ail) = entspricht nicht Prüfgrundlage</i>		<i>F(ail) = failed</i>
	<i>N/A = nicht anwendbar</i>		<i>N/A = not applicable</i>
	<i>NIT = nicht getestet</i>		<i>NIT = not tested</i>
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.			
<i>This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.</i>			

TEST SUMMARY

5.1.1 ANTENNA REQUIREMENT*RESULT: Passed***5.1.2 PEAK OUTPUT POWER***RESULT: Passed***5.1.3 20dB BANDWIDTH AND 99% BANDWIDTH***RESULT: Passed***5.1.4 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 KHz BANDWIDTH***RESULT: Passed***5.1.5 SPURIOUS EMISSIONS***RESULT: Passed***5.1.6 FREQUENCY SEPARATION***RESULT: Passed***5.1.7 NUMBER OF HOPPING FREQUENCY***RESULT: Passed***5.1.8 TIME OF OCCUPANCY***RESULT: Passed***6.1.1 ELECTROMAGNETIC FIELDS***RESULT: Passed*

Contents

1.	GENERAL REMARKS	4
1.1	COMPLEMENTARY MATERIALS.....	4
2.	TEST SITES.....	4
2.1	TEST FACILITIES	4
2.2	LIST OF TEST AND MEASUREMENT INSTRUMENTS	5
2.3	TRACEABILITY	6
2.4	CALIBRATION.....	6
2.5	MEASUREMENT UNCERTAINTY	6
2.6	LOCATION OF ORIGINAL DATA	6
2.7	STATUS OF FACILITY USED FOR TESTING	6
3.	GENERAL PRODUCT INFORMATION	7
3.1	PRODUCT FUNCTION AND INTENDED USE	7
3.2	RATINGS AND SYSTEM DETAILS.....	7
3.3	INDEPENDENT OPERATION MODES.....	8
3.4	NOISE GENERATING AND NOISE SUPPRESSING PARTS.....	9
3.5	SUBMITTED DOCUMENTS.....	9
4.	TEST SET-UP AND OPERATION MODES.....	9
4.1	PRINCIPLE OF CONFIGURATION SELECTION	9
4.2	TEST OPERATION AND TEST SOFTWARE	9
4.3	SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT	10
4.4	COUNTERMEASURES TO ACHIEVE EMC COMPLIANCE	10
4.5	TEST SETUP DIAGRAM	10
5.	TEST RESULTS	12
5.1	TRANSMITTER REQUIREMENT & TEST SUITES.....	12
5.1.1	<i>Antenna Requirement.....</i>	<i>12</i>
5.1.2	<i>Peak Output Power</i>	<i>13</i>
5.1.3	<i>20dB Bandwidth and 99% Bandwidth</i>	<i>16</i>
5.1.4	<i>Conducted Spurious Emissions measured in 100 kHz Bandwidth</i>	<i>19</i>
5.1.5	<i>Spurious Emissions.....</i>	<i>24</i>
5.1.6	<i>Frequency Separation</i>	<i>25</i>
5.1.7	<i>Number of hopping frequency.....</i>	<i>28</i>
5.1.8	<i>Time of Occupancy.....</i>	<i>30</i>
6.	SAFETY HUMAN EXPOSURE	33
6.1	RADIO FREQUENCY EXPOSURE COMPLIANCE	33
6.1.1	<i>Electromagnetic Fields</i>	<i>33</i>
7.	PHOTOGRAPHS OF THE TEST SET-UP	34
8.	LIST OF TABLES.....	36
9.	LIST OF PHOTOGRAPHS.....	36

1. General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix 1: Test Result

2. Test Sites

2.1 Test Facilities

AUDIX Technology (Shenzhen) Co., Ltd.

(FCC Registration No.: 90454 & Test Site Industry Canada No.: 5183A-1)

No. 6, Ke Feng Road, Block 52
Shenzhen Science & Industry Park
Nantou, Shenzhen
Guangdong, P.R. China

The tests at the test site have been conducted under the supervision of a TÜV engineer.

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Kind of Equipment	Manufacturer	Type	S/N	Calibrated until
Spurious Radiated Emissions				
3#Chamber	AUDIX	N/A	N/A	Dec.05,10
EMI Spectrum	Agilent	E4407B	MY41440292	May.08, 11
Test Receiver	Rohde & Schwarz	ESVS10	834468/011	May.08, 11
Amplifier	HP	8447D	2648A04738	May.08, 11
Bilog Antenna	Schaffner	CBL6111C	2598	Dec.14, 10
RF Cable	MIYAZAKI	8D-FB	3# Chamber No.1	May.08, 11
Coaxial Switch	Anritsu	MP59B	M73989	May.08, 11
Triple-loop Antenna	Rohde & Schwarz	HM020	843885/002	May.08, 11
Spectrum Analyzer	Agilent	E4446A	US44300459	May.08, 11
Horn Antenna	EMCO	3115	9510-4580	Nov.19, 10
Horn Antenna	EMCO	3116	00060088	Nov.25, 10
Amplifier	Agilent	8449B	3008A00863	May.08, 11
RF Cable	Hubersuhner	SUCOFLEX102	28620/2	May.08, 11
RF Cable	Hubersuhner	SUCOFLEX102	28618/2	May.08, 11
RF Cable	Hubersuhner	SUCOFLEX102	28610/2	May.08, 11
Radio Frequency Test Suite				
Spectrum Analyzer	Agilent	E4446A	US44300459	May.08, 11

2.3 Traceability

All measurement equipment calibrations are traceable to NIST or where calibration is performed outside the United States, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements are $\pm 3\text{dB}$.

2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix 1 of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

The Audix Technology (Shenzhen) Co., Ltd. test facility located at No. 6, Ke Feng Road, Block 52, Shenzhen Science & Industry part, Nantou, Shenzhen, Guangdong, P.R. China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3. General Product Information

3.1 Product Function and Intended Use

The EUTs are keyboard with Bluetooth technology for iPad.
This device supports Bluetooth Specification V2.0, the firmware only support DH1 packet type.
This device only supports HID profile.
All models are identical in circuit diagram and PCB layout except for different model name.
For details refer to the User Manual and Circuit Diagram.

3.2 Ratings and System Details

Table 2: Rating of EUT

Kind of Equipment:	iPad Keyboard Capsule
Type Designation:	RF-iCAP12, KBBT41811
FCC ID	EMJKKBBT41811
IC ID	4251A-KKBBT41811

Table 3: Technical Specification of EUT

Technical Specification	Value
Operating Frequency band	2402 – 2480 MHz
Channel separation	1MHz
Operation Voltage	DC 3V via ALKALINE battery
Modulation	GFSK
Antenna Type	Internal Antenna, Non-User Replaceable
Antenna Gain	-5.36dBi
RF Output Power	0.00055W (-2.59dBm)

Table 4: Frequency hopping information

Technical Specification	Description
Hopping Range	Hereby we declare that the maximum frequency of this device is: 2402-2480MHz. This is according the Bluetooth Core Specification V2.0 for devices which will be operated in the USA. This was checked during the Bluetooth Qualification tests (Test Case: TRM/CA/04-E).
Hopping Sequence	Example of a 79 hopping sequence in data mode: 33,04,21,44,23,42,53,46,55,48,40,59,72,29,76,31,08,73, 07,75,09,45,60,39,58,13,47,11,77,52,35,50,65,54,67,56, 69,62,71,64, 7,25,27,66,57,70,74,61,78,63,10,41,05,43, 15,44,64,68,02,70,06,01,51,03,55,05,03,66,53,49,36,47,
Receiver input bandwidth	<p>The input bandwidth of the receiver is 1MHz. In every connection one Bluetooth device is the master and the other one is the slave. The master determines the hopping sequence. The slave follows this sequence. Both devices shift between RX and TX time slot according to the clock of the master.</p> <p>Additionally the type of connection is set up at the beginning of the connection. The master adapts its hopping frequency and its TX/RX timing according to the packet type of the connection. Also the slave of the connection will use these settings.</p> <p>Repeating of a packer has no influence on the hopping sequence. The hopping sequence generated by the master of the connection will be followed in any case.</p> <p>That means a repeated packet will not be send on the same frequency, it is send on the next frequency of the hopping sequence.</p>

3.3 Independent Operation Modes

The basic operation modes are:

- A. Transmitting
 - 1. Low channel
 - 2. Middle channel
 - 3. High channel
- B. Receiving
- C. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.5 Submitted Documents

- Bill of Material
- PCB Layout
- Photo Document
- Circuit Diagram
- Instruction Manual
- Rating Label

4. Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

The equipment under test (EUT) was configured to measure its maximum power level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5.
Due to clause 3.1, all testing were applied on model RF-iCAP12, and were performed according to the procedures in ANSI C63.4: 2003.

4.3 Special Accessories and Auxiliary Equipment

Kind of Equipment	Manufacturer	Type	S/N
Notebook	DELL	DELL Inspiron 8100	3E568 A00

4.4 Countermeasures to achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Constructional Data Form or the Technical Construction File. No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test

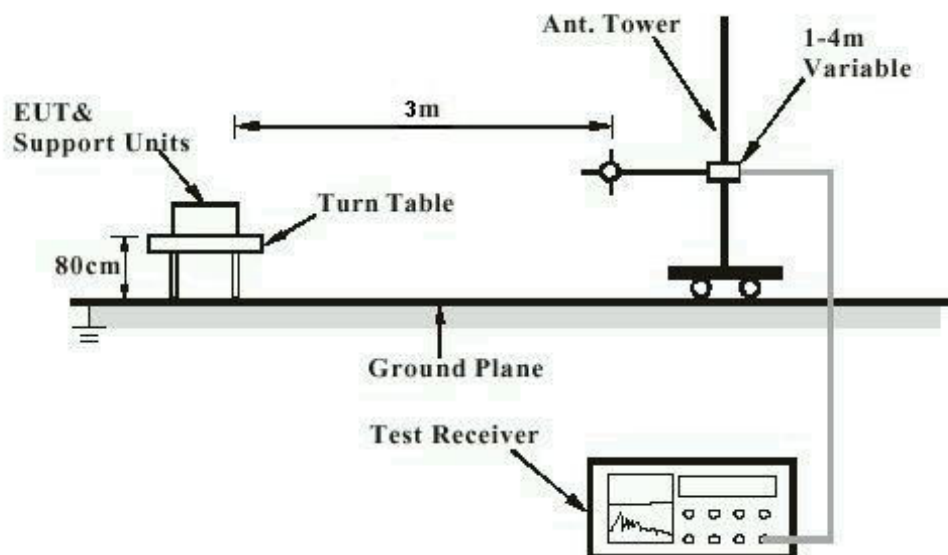


Diagram of Measurement Equipment Configuration for Conduction Measurement

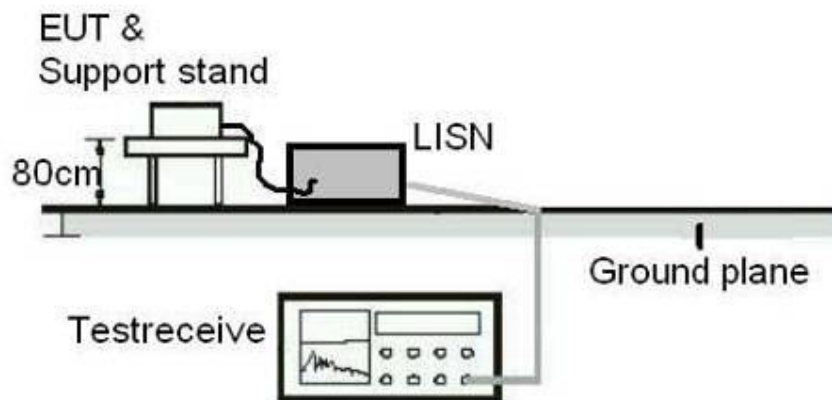
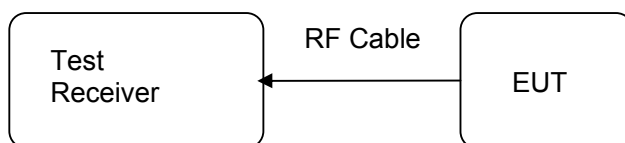


Diagram of Measurement Equipment Configuration for Transmitter Measurement



5. Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:**Passed**

Test date	:	2010-11-02
Test standard	:	FCC Part 15.247(b)(4) and Part 15.203 RSS-Gen 7.1.4
Limit	:	the use of antennas with directional gains that do not exceed 6 dBi

According to the manufacturer declared, the EUT has an internal antenna, the directional gain of antenna is -5.36dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to compliance the provision.

Refer to EUT photo for details.

5.1.2 Peak Output Power

RESULT:
Passed

Test date : 2010-10-29 to 2010-11-05
 Test standard : FCC Part 15.247(b)(1)
 : RSS-210 A8.4(2)
 Basic standard : ANSI C63.4: 2003
 Limit : 1 Watt
 Kind of test site : Shielded room

Test setup

Test Channel : Low/ Middle/ High
 Operation Mode : A
 Ambient temperature : 23°C
 Relative humidity : 54%
 Atmospheric pressure : 100.6 kPa

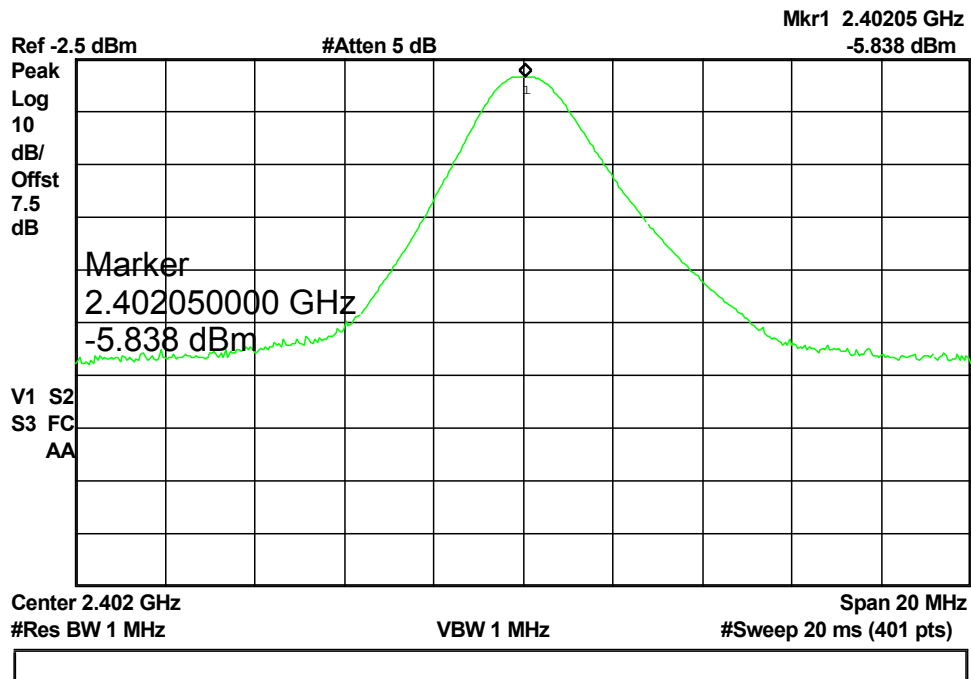
Table 5: Test result of Peak Output Power

Channel	Channel Frequency (MHz)	Peak Output Power		Limit (W)
		(dBm)	(W)	
Low Channel	2402	-5.838	0.00026	1
Middle Channel	2441	-3.648	0.00043	1
High Channel	2480	-2.59	0.00055	1

Test Graph of Peak Output Power

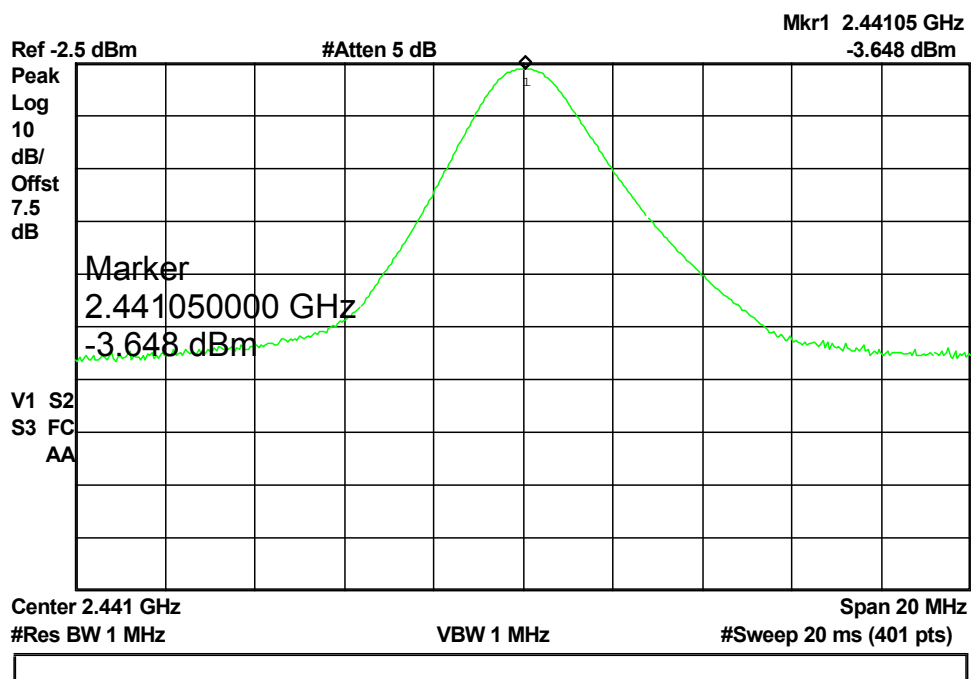
Low Channel

Agilent



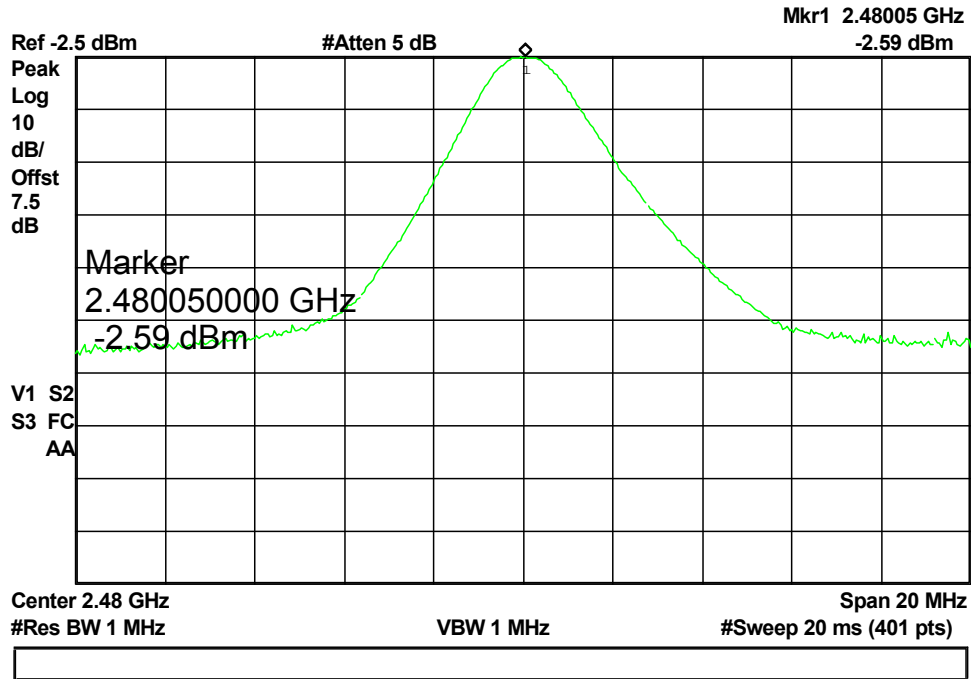
Middle Channel

Agilent



High Channel

Agilent



5.1.3 20dB Bandwidth and 99% Bandwidth

RESULT:**Passed**

Date of testing : 2010-10-29 to 2010-11-05
Test standard : FCC Part 15.247(a)(1)
RSS-210 A8.1(a)
Basic standard : ANSI C63.4: 2003
Kind of test site : Shielded room

Test setup

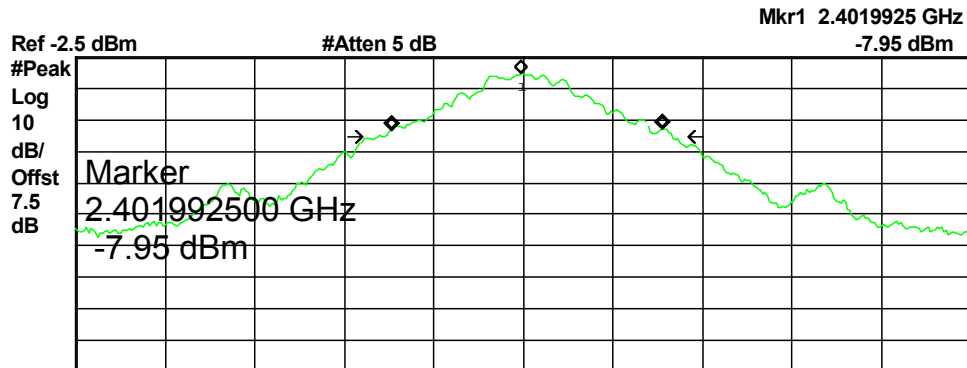
Test Channel : Low/ Middle/ High
Operation Mode : A
Ambient temperature : 23°C
Relative humidity : 54%
Atmospheric pressure : 100.6 kPa

Table 6: Test result of 20dB Bandwidth and 99% Bandwidth

Channel	Channel Frequency (MHz)	20dB Bandwidth (kHz)	99% Bandwidth (kHz)	Result
Low Channel	2402	988.092	908.3193	Pass
Mid Channel	2441	996.562	908.4612	Pass
High Channel	2480	986.701	908.1907	Pass

Test Graph of 20dB Bandwidth and 99% Bandwidth

Low Channel

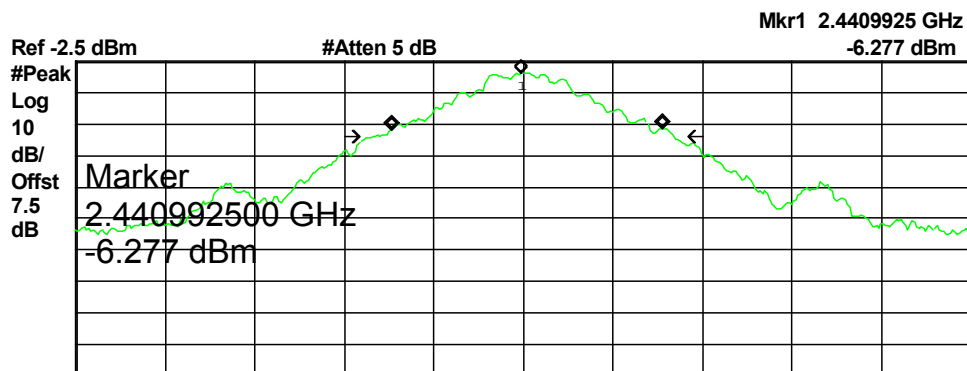
Center 2.402 GHz Span 3 MHz
 #Res BW 30 kHz #VBW 300 kHz Sweep 5 ms (401 pts)

Occupied Bandwidth
 908.3193 kHz

Occ BW % Pwr 99.00 %
 x dB -20.00 dB

Transmit Freq Error 8.574 kHz
 x dB Bandwidth 988.092 kHz

Middle Channel

Center 2.441 GHz Span 3 MHz
 #Res BW 30 kHz #VBW 300 kHz Sweep 5 ms (401 pts)

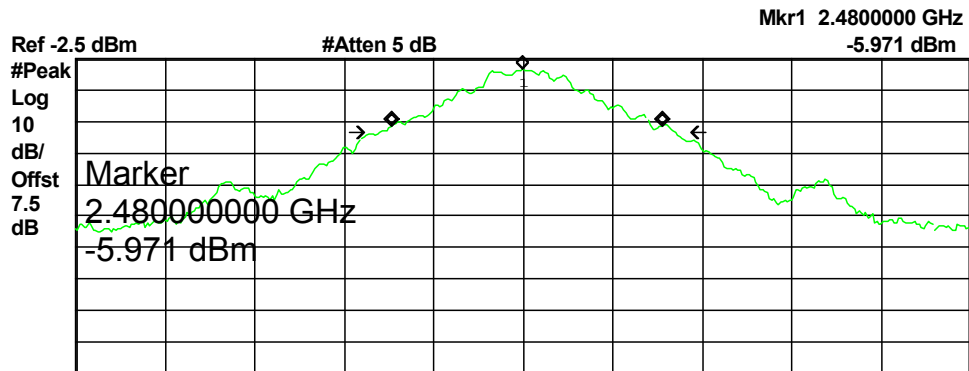
Occupied Bandwidth
 908.4612 kHz

Occ BW % Pwr 99.00 %
 x dB -20.00 dB

Transmit Freq Error 9.409 kHz
 x dB Bandwidth 996.562 kHz

High Channel

Agilent



Center 2.48 GHz Span 3 MHz
#Res BW 30 kHz #VBW 300 kHz Sweep 5 ms (401 pts)

Occupied Bandwidth
908.1907 kHz

Occ BW % Pwr 99.00 %
x dB -20.00 dB

Transmit Freq Error 13.035 kHz
x dB Bandwidth 986.701 kHz

5.1.4 Conducted Spurious Emissions measured in 100 kHz Bandwidth

RESULT:**Passed**

Date of testing	:	2010-10-29 to 2010-11-05
Test standard	:	FCC part 15.247(d) RSS-210 A8.5
Basic standard	:	ANSI C63.4: 2003
Limit	:	20dB (below that in the 100kHz bandwidth within the band that contains the highest level of the desired power); In addition, radiated emissions which fall in the restricted bands, must also comply with the radiated emission limits specified in 15.209(a)
Kind of test site	:	Shield room

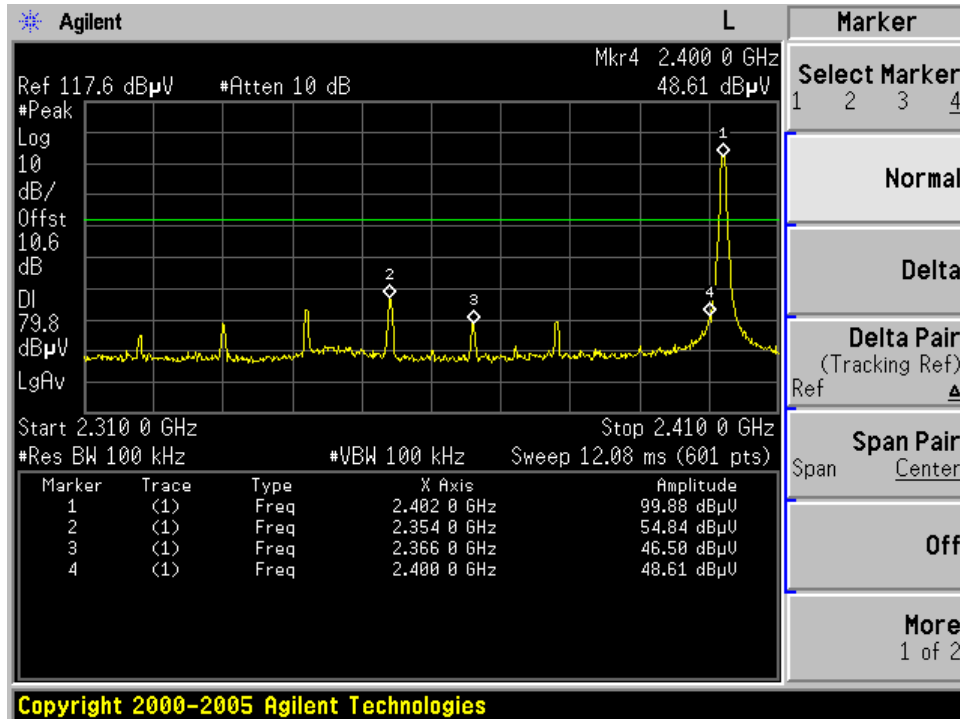
Test setup

Test Channel	:	Low/ Middle/ High
Operation mode	:	A
Ambient temperature	:	23°C
Relative humidity	:	54%
Atmospheric pressure	:	100.6 kPa

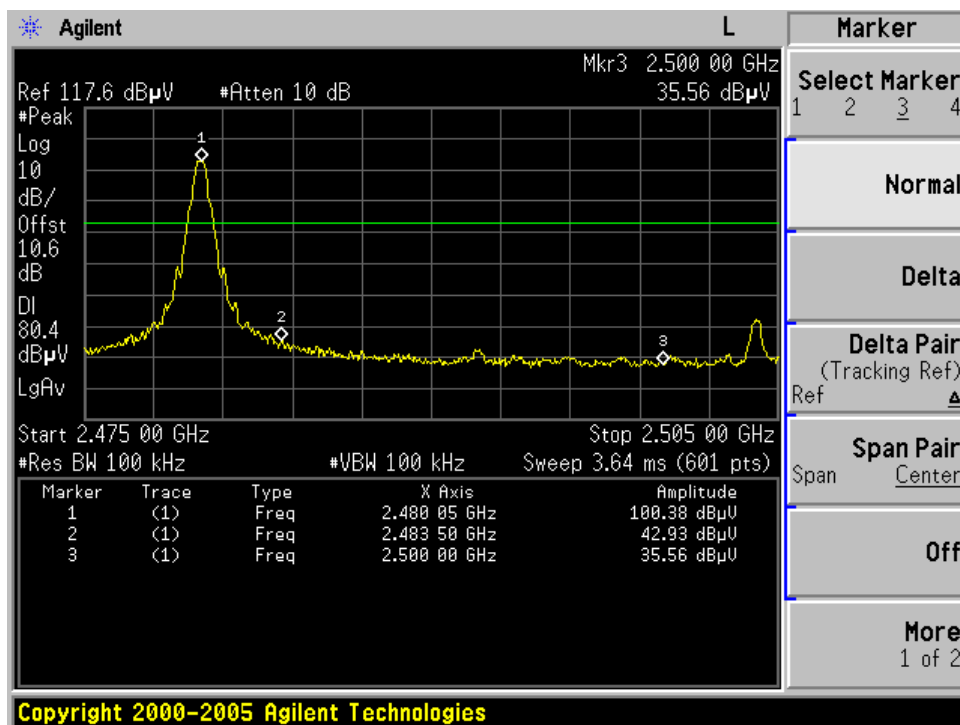
Test results of 100kHz Bandwidth of Frequency Band Edge by Conducted method refer to following test graph, and compliance is achieved as well.

Test Graph of 100 kHz Bandwidth of Frequency Band Edge

Low Channel

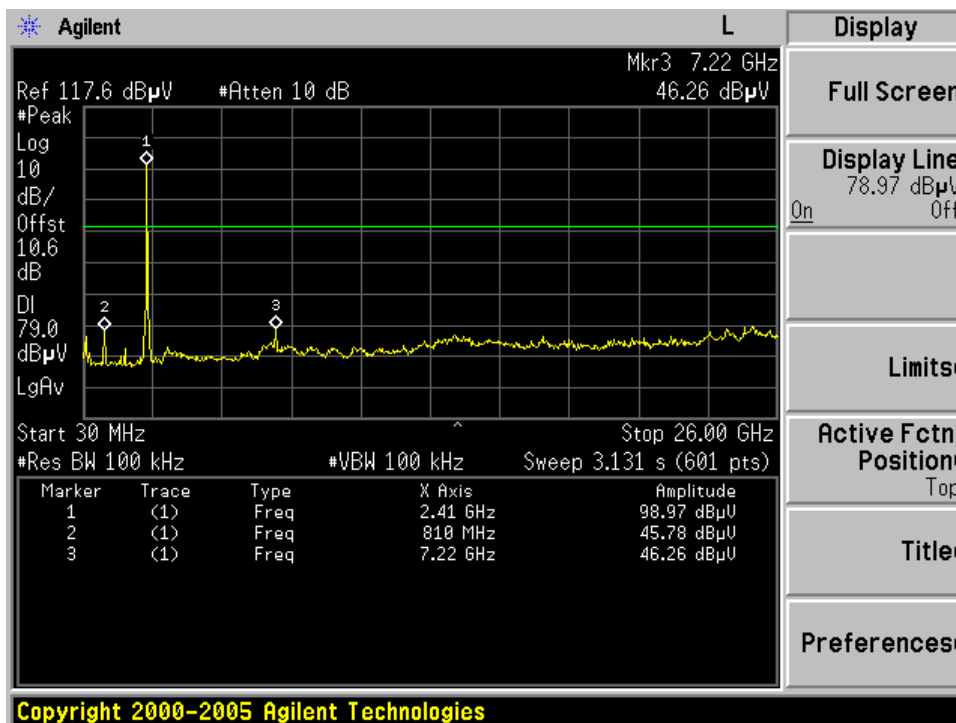
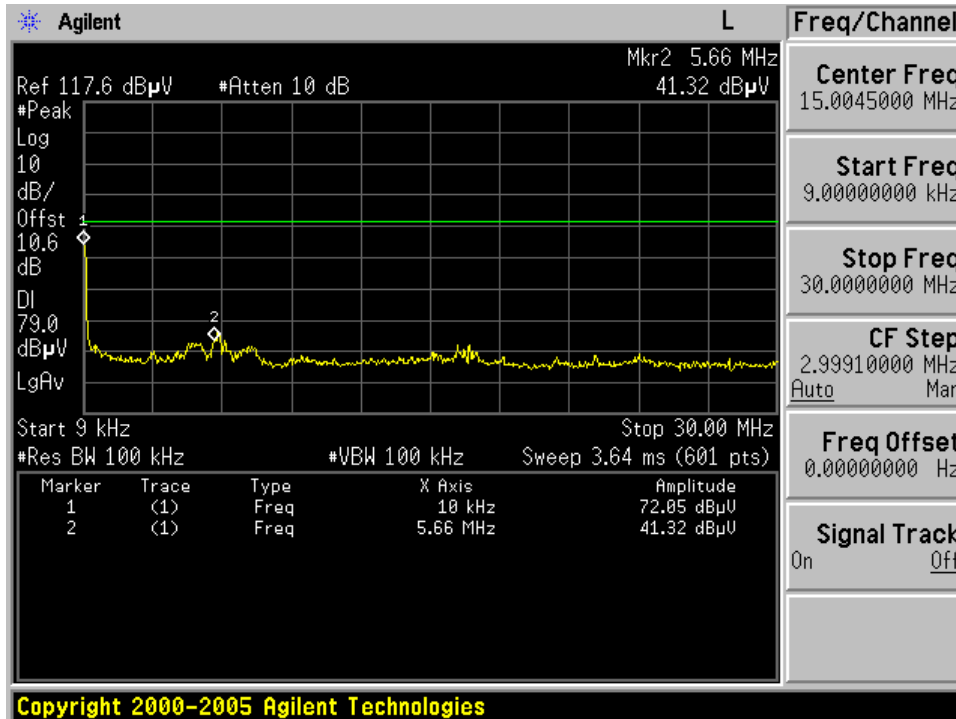


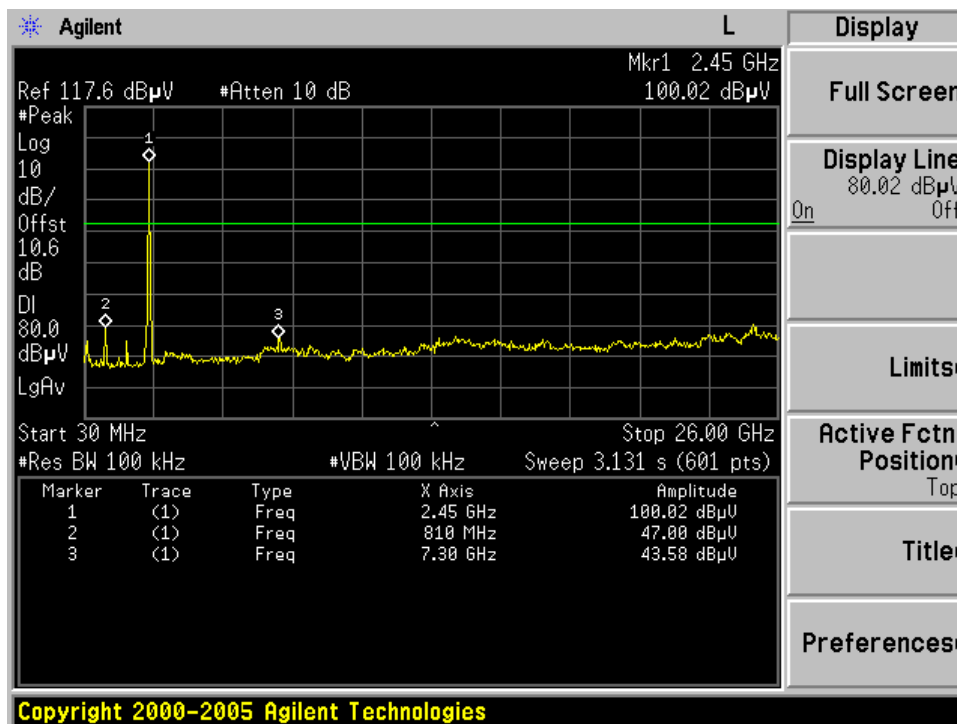
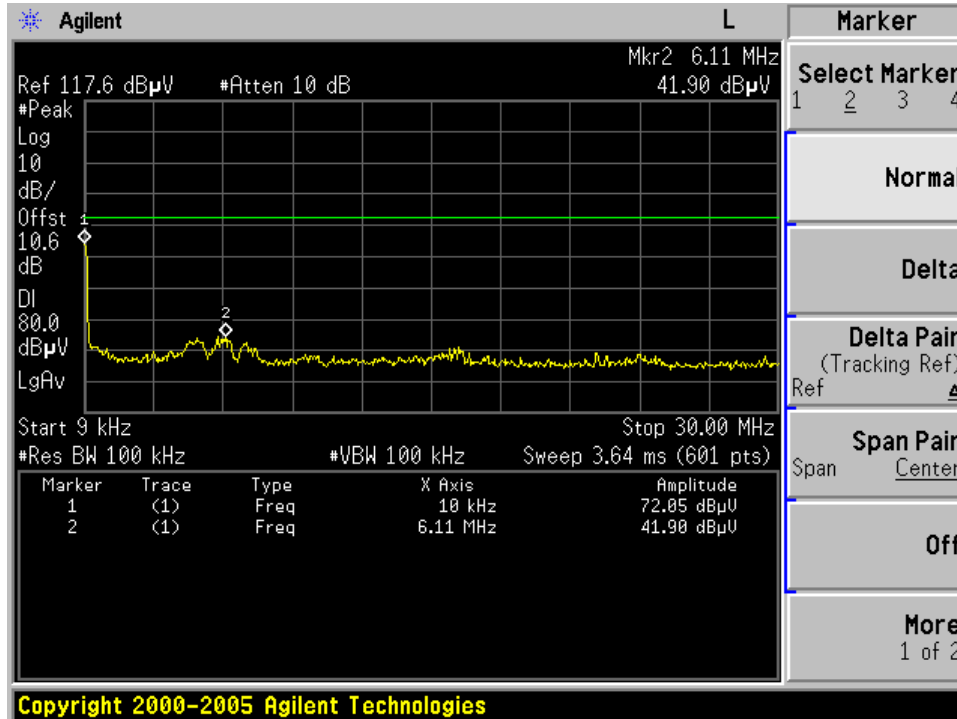
High Channel

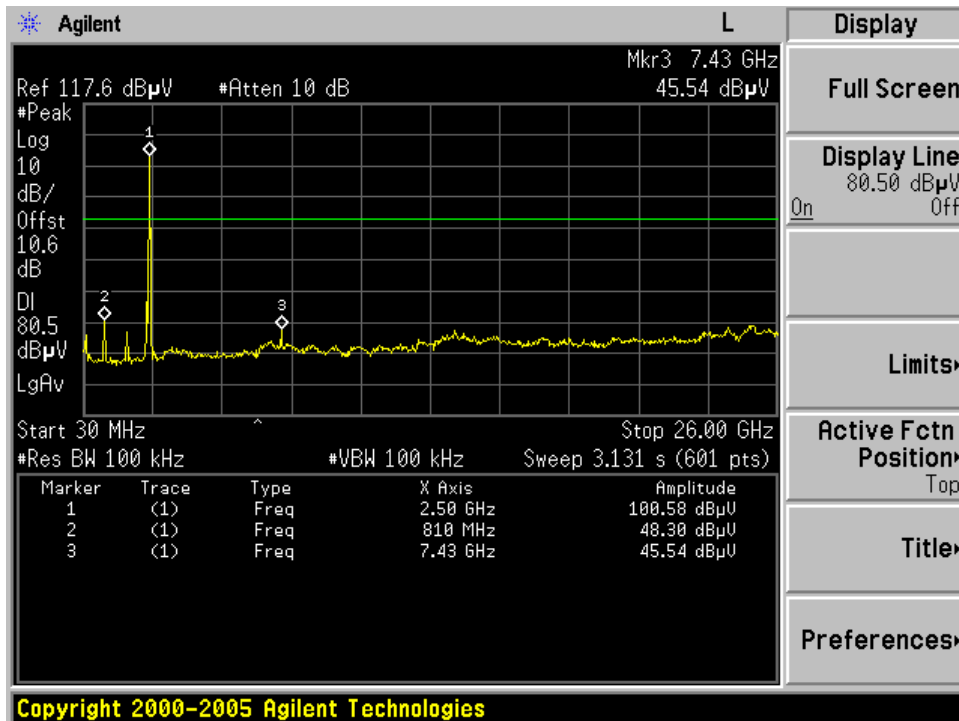
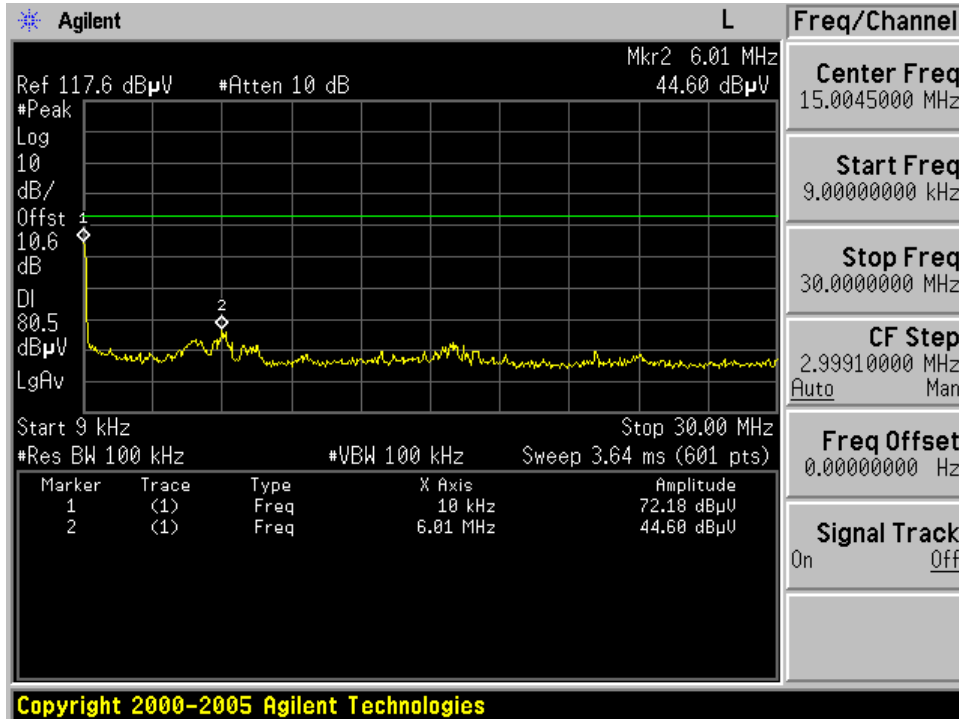


Test Graph of Conducted spurious emissions measured in 100 kHz Bandwidth

Low Channel



Middle Channel


High Channel


5.1.5 Spurious Emissions

RESULT:**Passed**

Date of testing : 2010-10-29 to 2010-11-11
Test standard : FCC part 15.247(d)
RSS-210 Clause 2.2
Basic standard : ANSI C63.4: 2003
Limits : Refer to 15.209(a)
Table 2 & 3 of RSS-210
Kind of test site : 3m Semi-Anechoic Chamber

Test setup

Test Channel : Low/ Middle/ High
Operation mode : A, B
Ambient temperature : 23°C
Relative humidity : 54%
Atmospheric pressure : 100.6 kPa

Refer to attached appendix 1 for details.

5.1.6 Frequency Separation

RESULT:
Passed

Date of testing : 2010-10-29 to 2010-11-05
 Test standard : FCC part 15.247(a)(1)
 : RSS-210 A8.1(b)
 Basic standard : ANSI C63.4: 2003
 Limit : $\geq 25\text{kHz}$ or two-thirds of 20dB bandwidth,
 : whichever is greater
 Kind of test site : Shield room

Test setup

Test Channel : Low/ Middle/ High
 Operation Mode : A
 Ambient temperature : 23°C
 Relative humidity : 54%
 Atmospheric pressure : 100.6 kPa

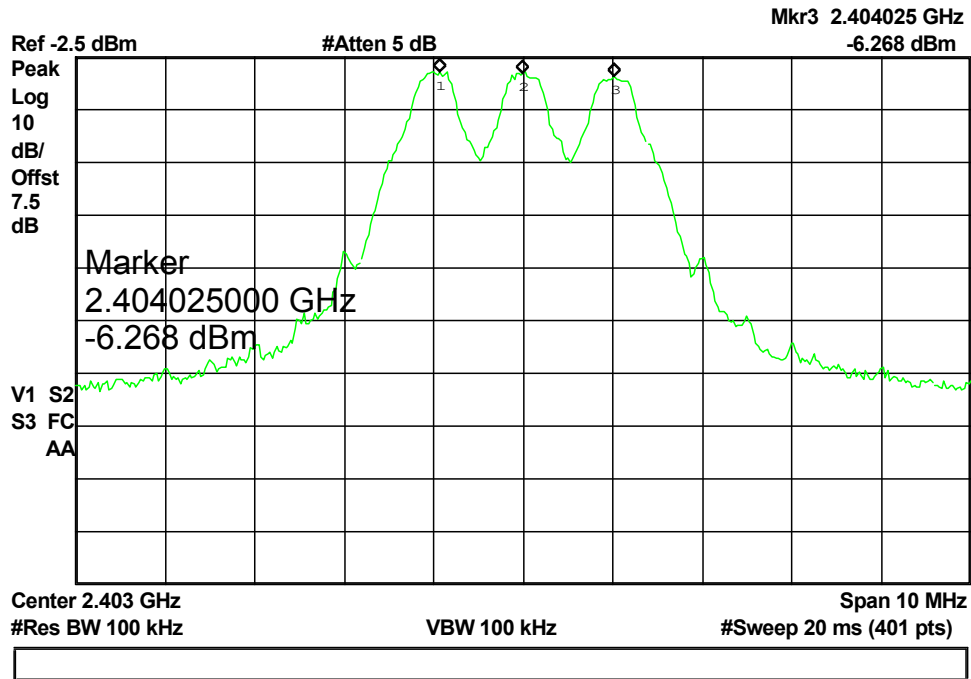
Table 7: Test result of Frequency Separation

Channel	Channel Frequency (MHz)	Measured Channel Separation (MHz)	Limit (kHz)	Result
Low Channel	2402	1	$\geq 25\text{kHz}$ or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2403			
Mid Channel	2441	1	$\geq 25\text{kHz}$ or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2442			
High Channel	2480	1	$\geq 25\text{kHz}$ or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2479			

Test Graph of Frequency Separation

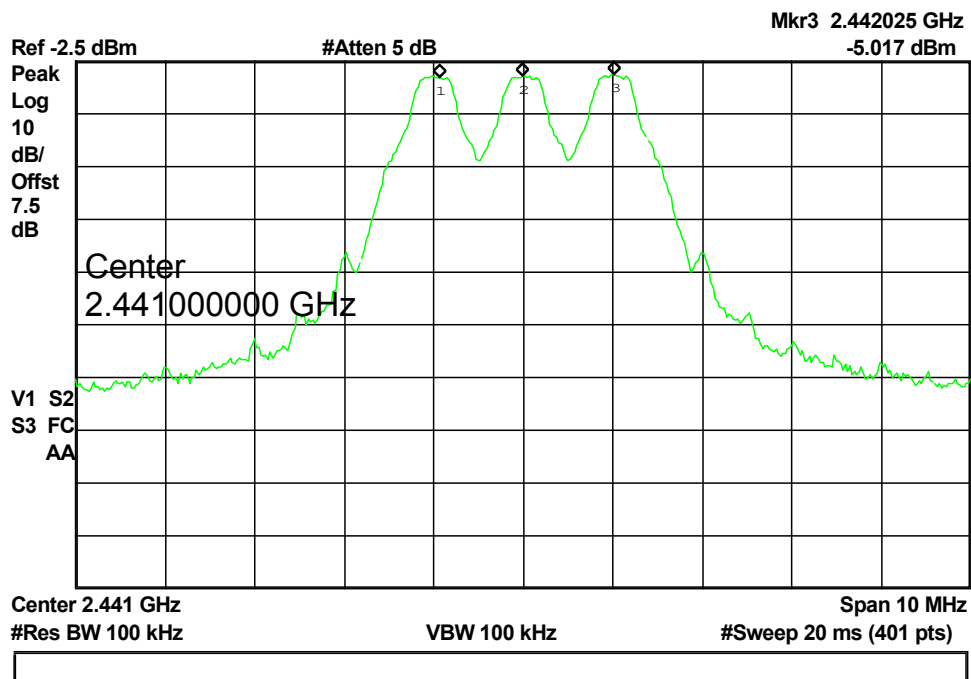
Low Channel

Agilent



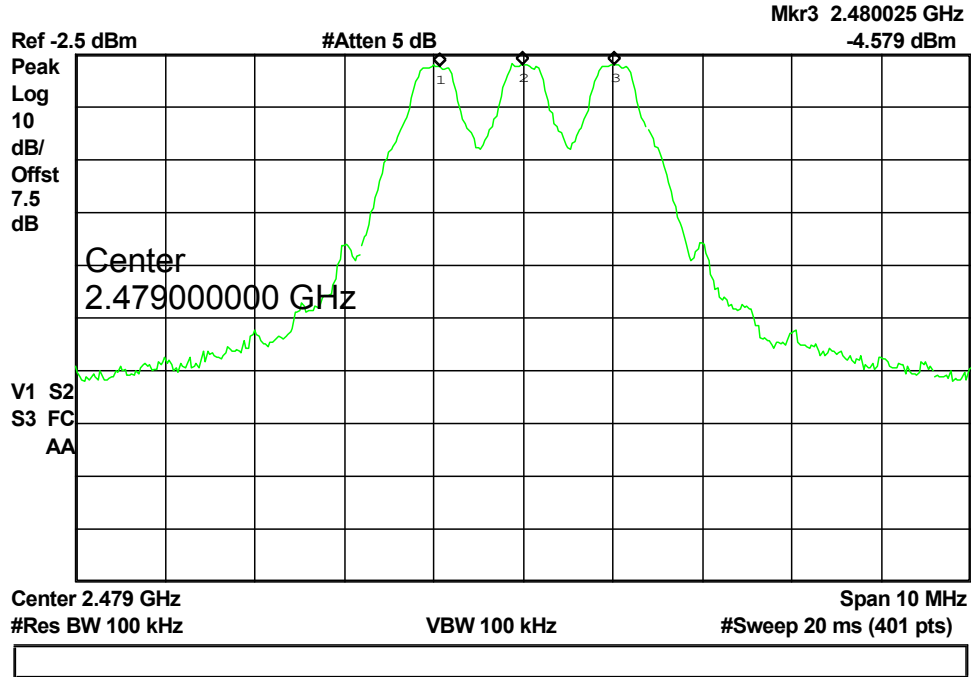
Middle Channel

Agilent



High Channel

Agilent



5.1.7 Number of hopping frequency

RESULT:
Passed

Date of testing : 2010-10-29 to 2010-11-05
 Test standard : FCC part 15.247(a)(1)(iii)
 : RSS-210 A8.1(d)
 Basic standard : ANSI C63.4: 2003
 Limits : ≥ 15 non-overlapping channels
 Kind of test site : Shield room

Test setup

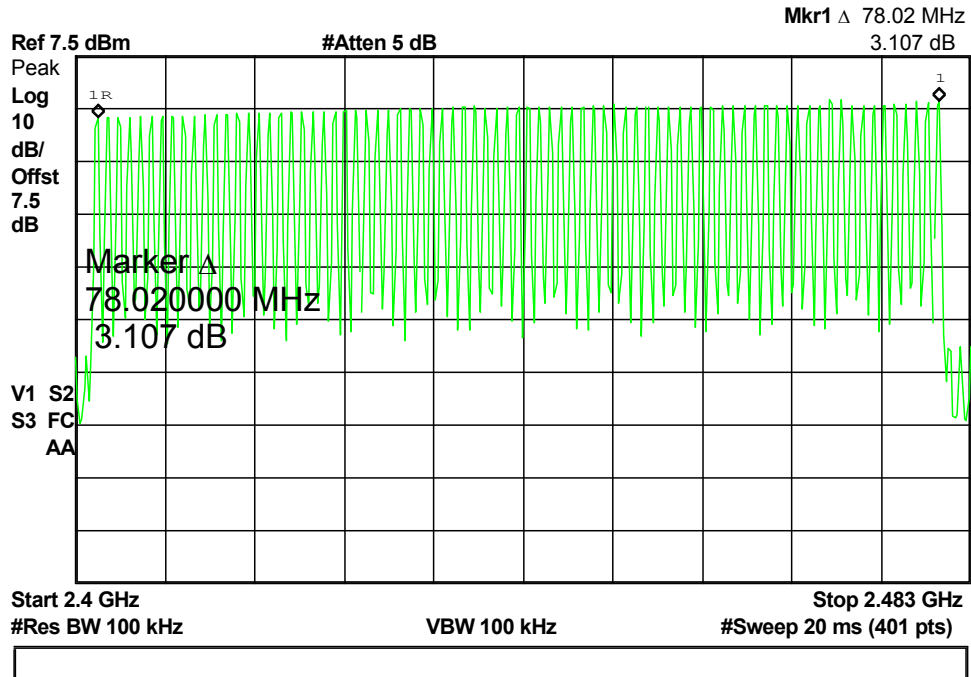
Test Channel : Low/ Middle/ High
 Operation Mode : A
 Ambient temperature : 23°C
 Relative humidity : 54%
 Atmospheric pressure : 100.6 kPa

Table 8: Test result of Number of hopping frequency

Frequency Range	Measured Quantity of Hopping Channel	Limit	Result
<u>2400</u> to <u>2483.5</u> MHz	79	≥ 15	Pass

Test Graph of Number of hopping frequency

Agilent



5.1.8 Time of Occupancy

RESULT:
Passed

Date of testing : 2010-10-29 to 2010-11-05
 Test standard : FCC part 15.247(a)(1)(iii)
 : RSS-210 A8.1(d)
 Basic standard : ANSI C63.4: 2003
 Limits : 0.4s
 Kind of test site : Shield room

Test setup

Test Channel : Low/ Middle/ High
 Operation Mode : A
 Ambient temperature : 23°C
 Relative humidity : 54%
 Atmospheric pressure : 100.6 kPa

Table 9: Test result of Time of Occupancy

Channel	Data Mode	Pulse width (ms)	Measured Dwell time (s)	Limit (s)	Result
Low Channel	DH1	0.380	0.122	0.4	Pass
Mid Channel	DH1	0.390	0.125	0.4	Pass
High Channel	DH1	0.390	0.125	0.4	Pass

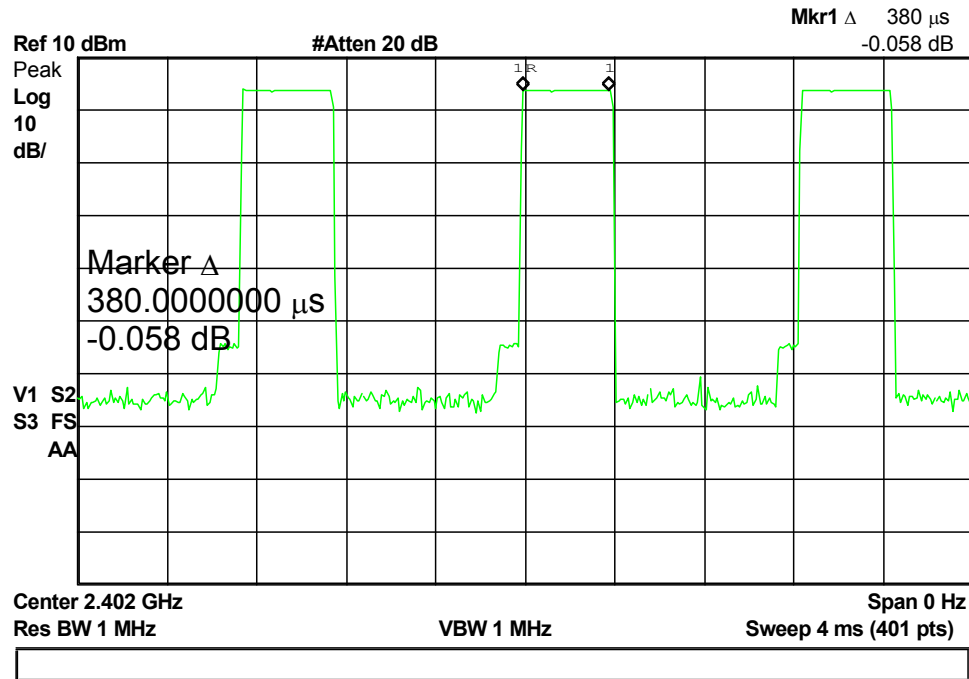
Note:

Dwell time = Pulse width x (Hopping rate / Number of channels) x Period

Period = 0.4 (seconds/ channel) x 79 (channel) = 31.6 seconds

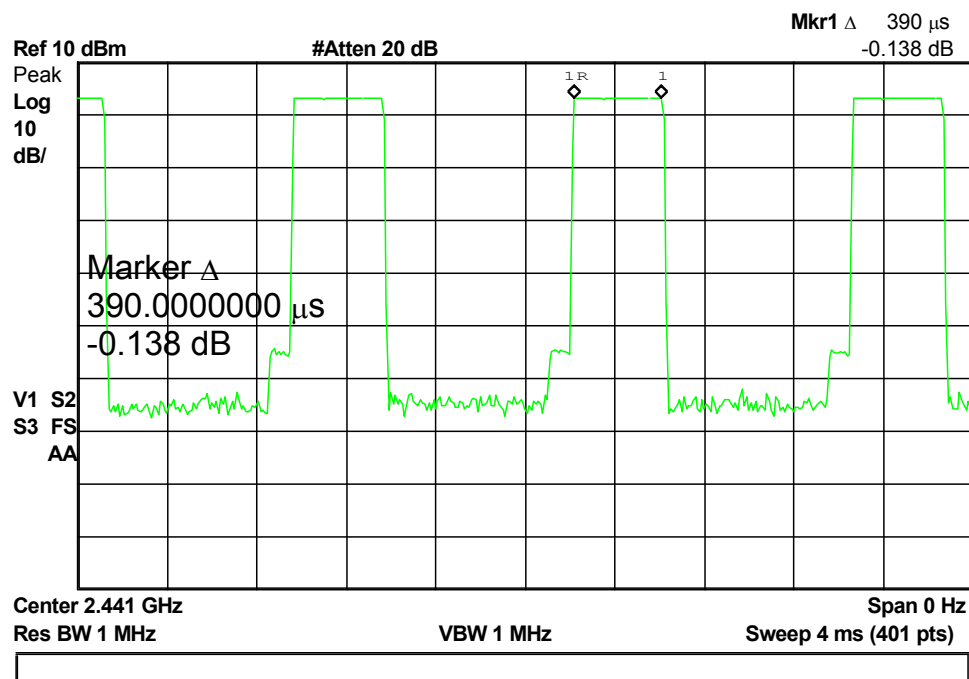
Test Graph of Time of Occupancy
Low Channel

Agilent



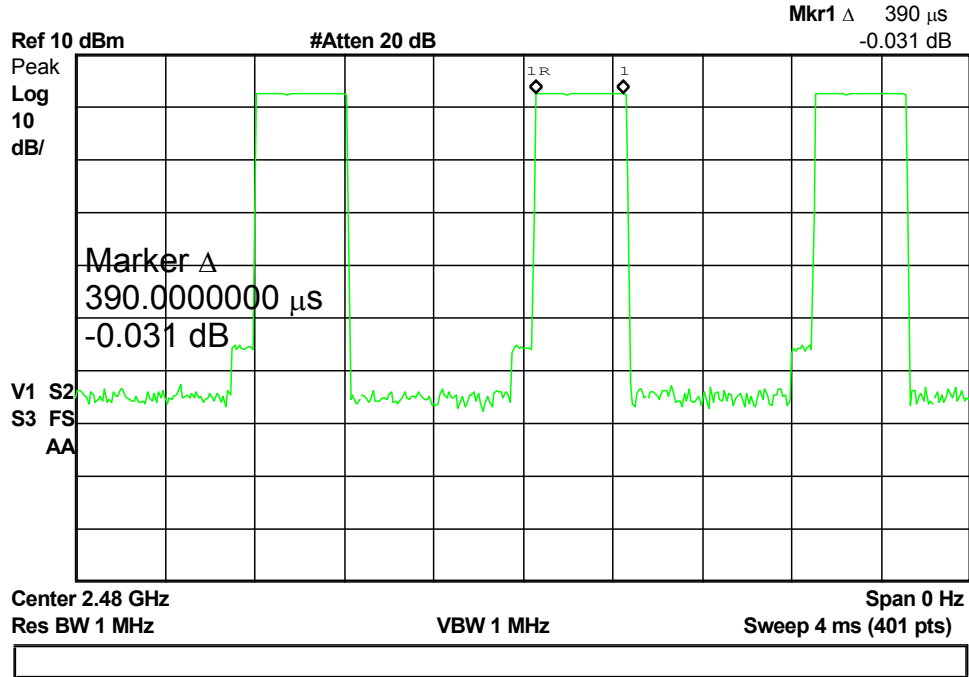
Middle Channel

Agilent



High Channel

Agilent



6. Safety Human exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT:**Passed**

Test standard : RSS-102 Issue 4
FCC KDB Publication 447498

The maximum peak output power of the transmitter is 0.55mW (-2.59dBm) only, which less than 20mW. Hence the EUT is exempted from routine evaluation limits (SAR Evaluation) according to clause 2.5.1 of RSS-102 Issue 4.

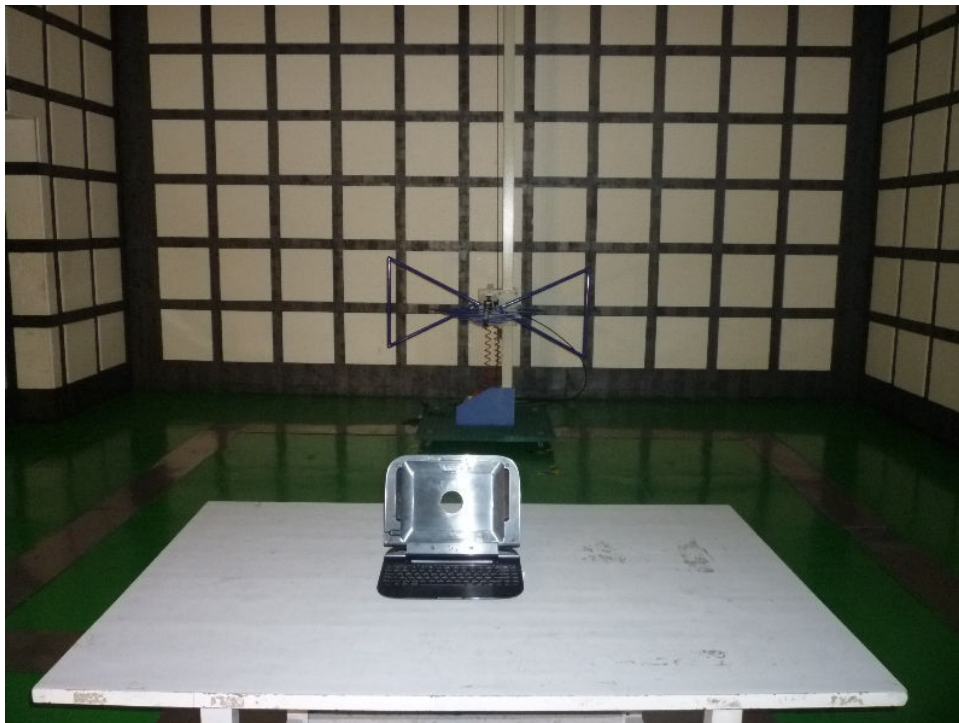
Since maximum peak output power of the transmitter is $<60/f$ (GHz) mW, i.e. $0.55\text{mW} < 25 (=60/2.4)$ mW, hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01: Mobile Portable RF Exposure.

7. Photographs of the Test Set-Up

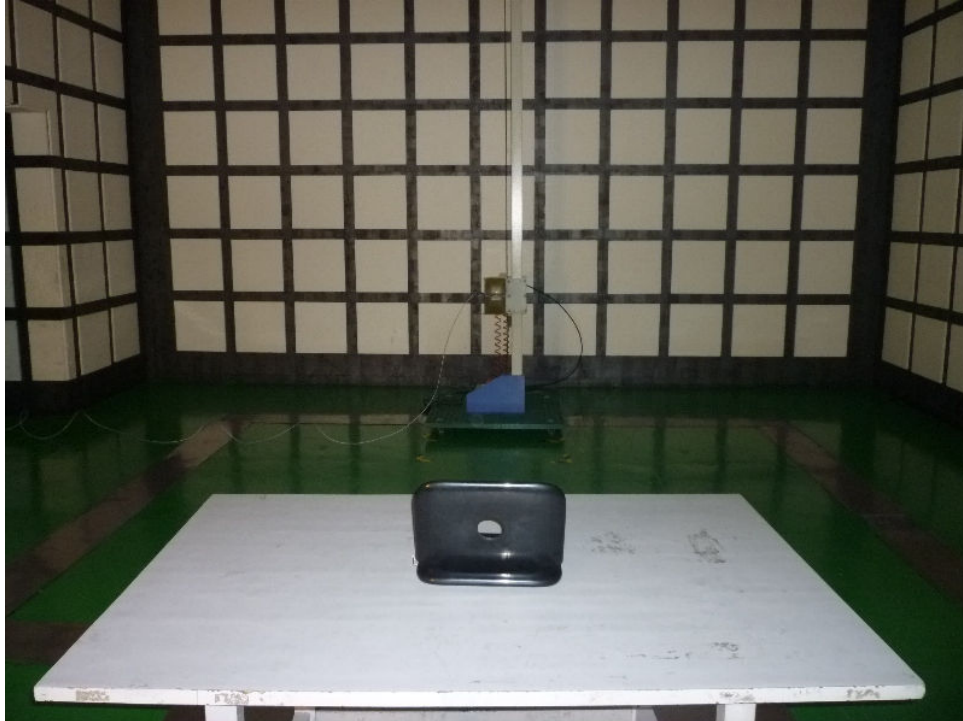
Photograph 1: Set-up for Spurious Emissions (9kHz-30MHz)



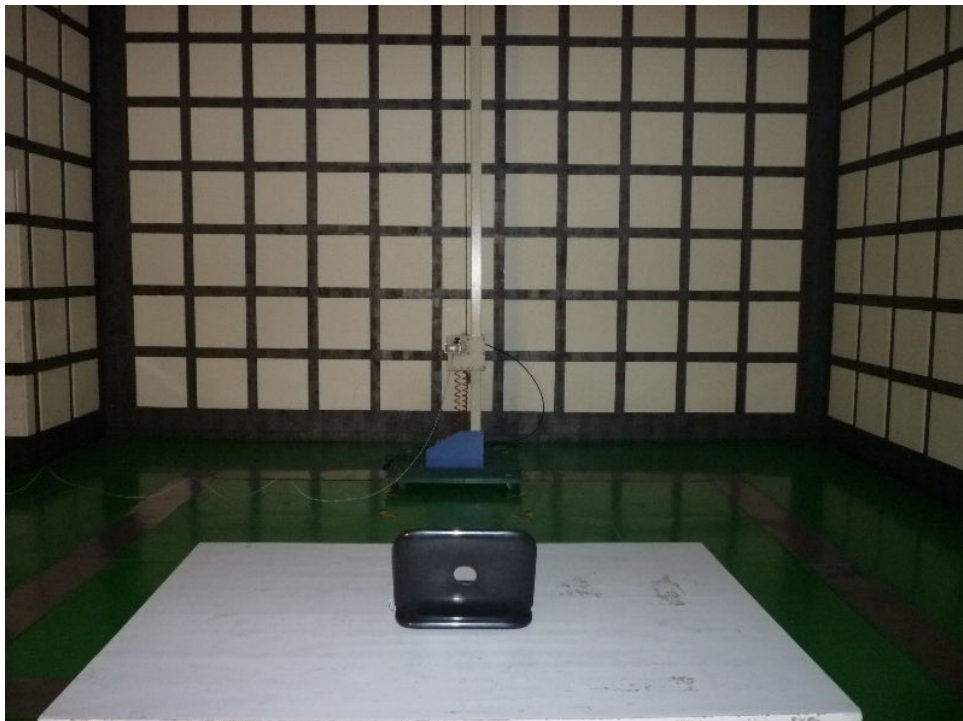
Photograph 2: Set-up for Spurious Emissions (30MHz-1GHz)



Photograph 3: Set-up for Spurious Emissions (1GHz-18GHz)



Photograph 4: Set-up for Spurious Emissions (18GHz-26GHz)



8. List of Tables

Table 1: List of Test and Measurement Equipment.....	5
Table 2: Rating of EUT	7
Table 3: Technical Specification of EUT.....	7
Table 4: Frequency hopping information	8
Table 5: Test result of Peak Output Power.....	13
Table 6: Test result of 20dB Bandwidth and 99% Bandwidth.....	16
Table 7: Test result of Frequency Separation	25
Table 8: Test result of Number of hopping frequency	28
Table 9: Test result of Time of Occupancy.....	30

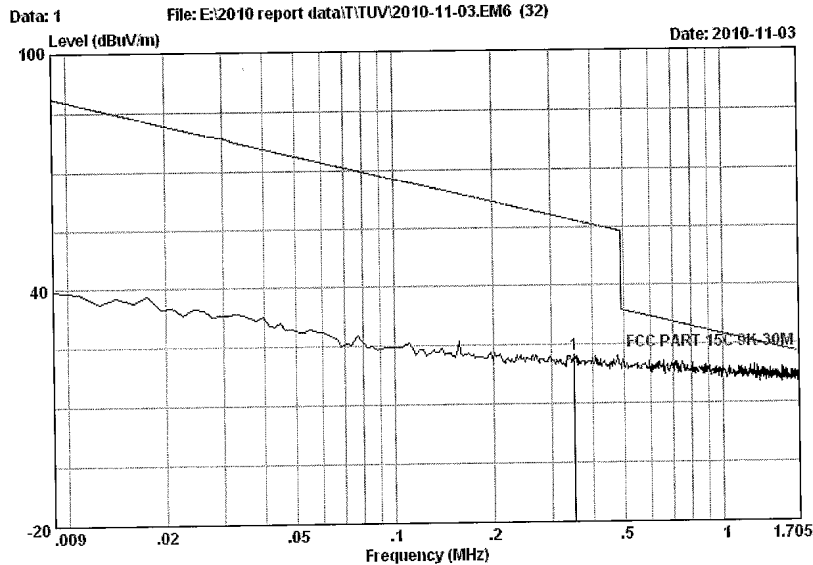
9. List of Photographs

Photograph 1: Set-up for Spurious Emissions (9kHz-30MHz)	34
Photograph 2: Set-up for Spurious Emissions (30MHz-1GHz)	34
Photograph 3: Set-up for Spurious Emissions (1GHz-18GHz).....	35
Photograph 4: Set-up for Spurious Emissions (18GHz-26GHz).....	35

Test Graph of Spurious Emissions, mode A



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057



Site no. : 3m Chamber Data no. : 1
 Dis. / Ant. : 3m 9K-30H ANT Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C 9K-30M
 Env. / Ins. : 23°C/54% Engineer : Paul Tian
 EUT : Rocketfish iCapsule Bluetooth Keyboard
 Power Rating : DC 3V
 Test mode : Tx 2402MHz
 M/N : RF-iCAP12,KBBT41811

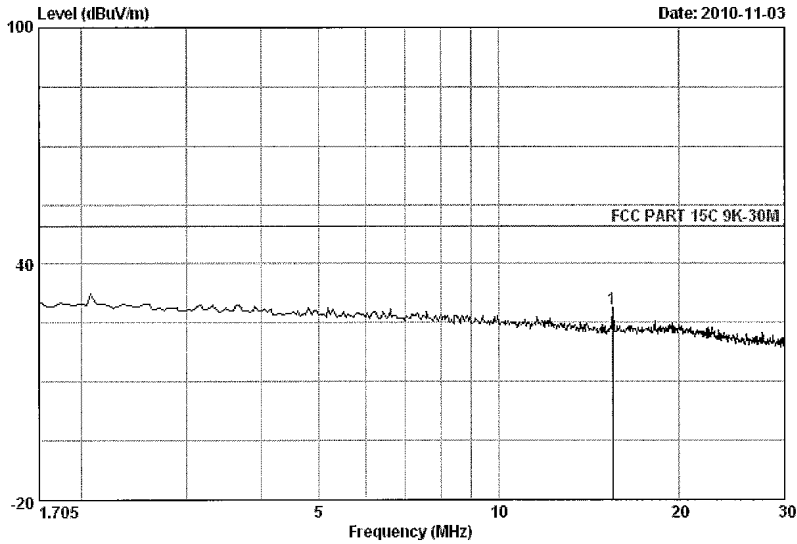
Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	0.35159	38.80	0.35	-16.65	22.50	56.68	34.18 Peak

Remarks:
 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

Data: 5 File: E:\2010 report data\TUV\2010-11-03.EM6 (32)



Site no. : 3m Chamber Data no. : 5
Dis. / Ant. : 3m 9K-30M ANT Ant. pol. : HORIZONTAL
Limit : FCC PART 15C 9K-30M
Env. / Ins. : 23°C/54% Engineer : Paul Tian
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power Rating : DC 3V
Test mode : Tx 2402MHz
M/N : RF-iCAP12,KBBT41811

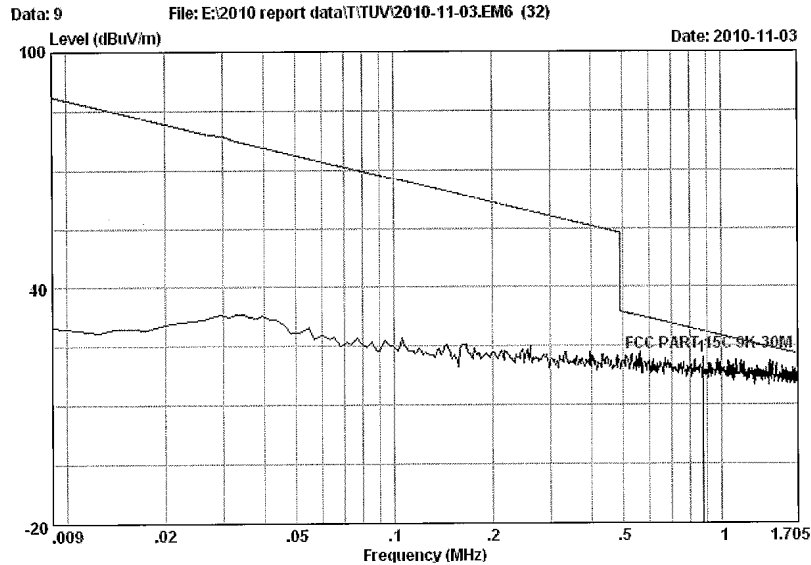
Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark	
1	15.513	32.63	0.35	-4.37	28.61	49.54	20.93	Peak

Remarks:

1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057



Site no. : 3m Chamber Data no. : 9
Dis. / Ant. : 3m 9K-30M ANT Ant. pol. : VERTICAL
Limit : FCC PART 15C 9K-30M
Env. / Ins. : 23°C/54% Engineer : Paul Tian
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power Rating : DC 3V
Test mode : Tx 2402MHz
M/N : RF-iCAP12,KBBT41811

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	0.87396	25.37	0.35	-3.68	22.04	28.77	6.73 Peak

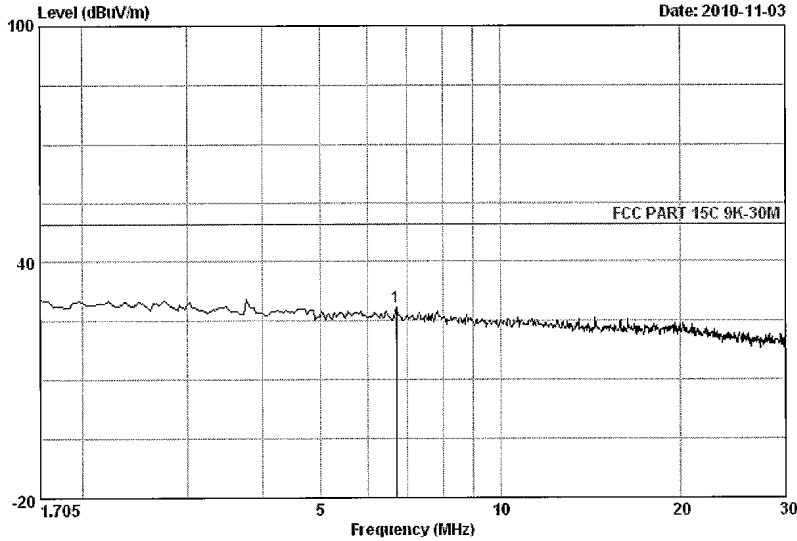
Remarks:

- Emission Level= Antenna Factor + Cable Loss + Reading.
- The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

Data: 13 File: E:\2010 report data\TUV\2010-11-03.EM6 (32) Date: 2010-11-03



Site no. : 3m Chamber Data no. : 13
Dis. / Ant. : 3m 9K-30M ANT Ant. pol. : VERTICAL
Limit : FCC PART 15C 9K-30M
Env. / Ins. : 23°C/54% Engineer : Paul Tian
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power Rating : DC 3V
Test mode : Tx 2402MHz
M/N : RF-iCAP12,KBBT41811

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	6.713	23.05	0.35	5.05	28.45	49.54	21.09 Peak

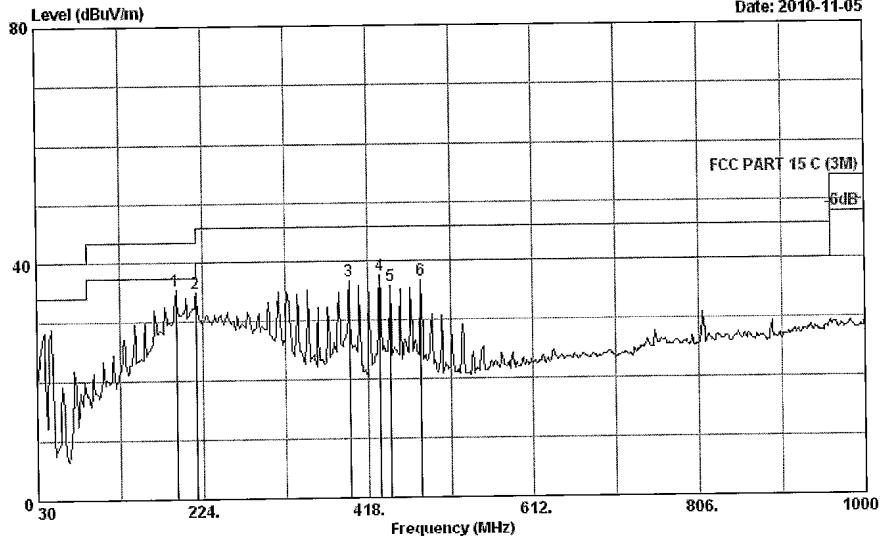
Remarks:

1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

Data: 7 File: E:\2010 Report Data\TUV\TUV-20101102.EM6 (12) Date: 2010-11-05



Site no. : 3m Chamber Data no. : 7
 Dis. / Ant. : 3m 2010 CBL6111C Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 C (3M)
 Env. / Ins. : 24°C/56% Engineer : Sunny-lu
 EUT : Rocketfish iCapsule Bluetooth Keyboard
 Power rating : DC 3V
 Test Mode : Tx 2402MHz
 M/N:RF-iCAP12,KBBT41811

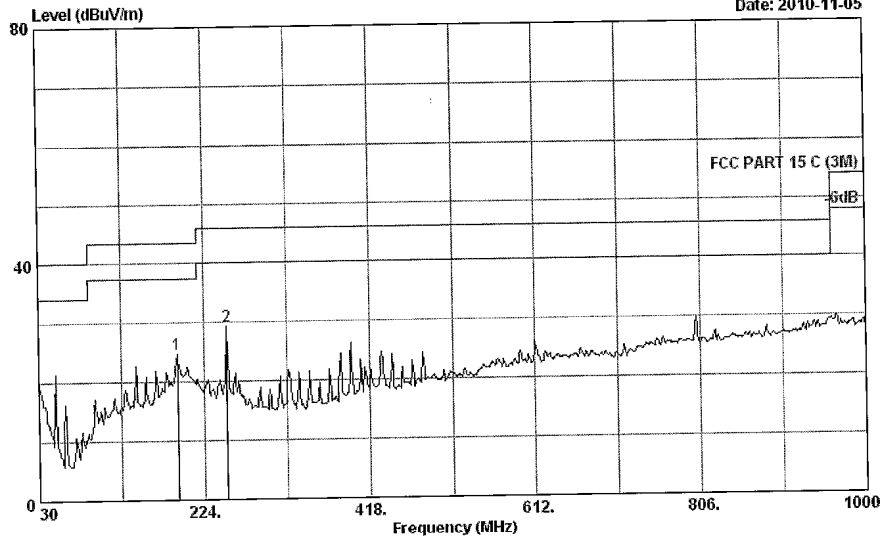
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	192.960	9.58	1.64	52.28	35.39	43.50	8.11	Peak
2	216.240	10.04	1.87	51.38	35.08	46.00	10.92	Peak
3	396.660	16.37	2.90	46.30	36.83	46.00	9.17	Peak
4	432.550	17.42	3.12	45.99	37.76	46.00	8.24	Peak
5	445.160	17.10	3.20	44.41	35.93	46.00	10.07	Peak
6	481.050	18.11	3.43	43.96	36.69	46.00	9.31	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

Data: 8 File: E:\2010 Report Data\TUV\TUV-20101102.EM6 (12) Date: 2010-11-05



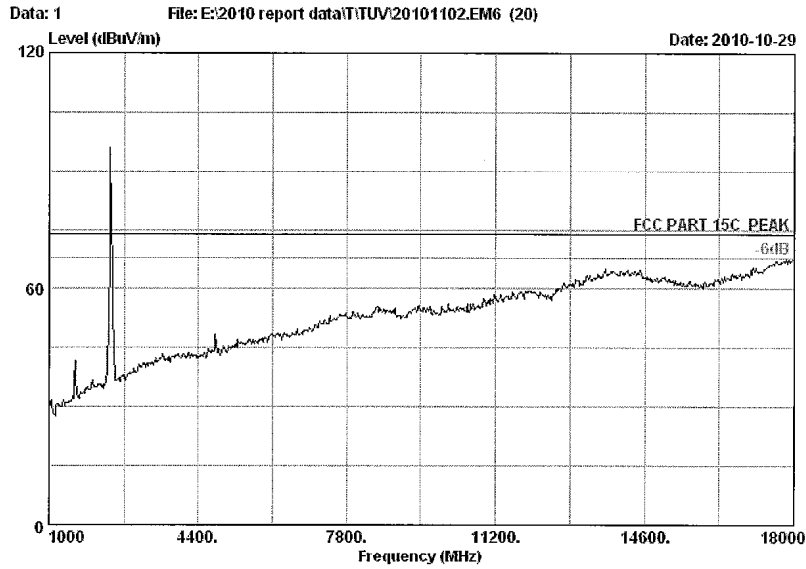
Site no. : 3m Chamber Data no. : 8
 Dis. / Ant. : 3m 2010 CBL6111C Ant. pol. : VERTICAL
 Limit : FCC PART 15 C (3M)
 Env. / Ins. : 24°C/56% Engineer : Sunny-lu
 EUT : Rocketfish iCapsule Bluetooth Keyboard
 Power rating : DC 3V
 Test Mode : Tx 2402MHz
 M/N:RF-iCAP12,KBBT41811

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	192.960	9.58	1.64	41.59	24.70	43.50	18.80	Peak
2	251.160	12.90	2.18	42.72	29.42	46.00	16.58	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
Shenzhen Science & Industry Park
Noutou,Shenzhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

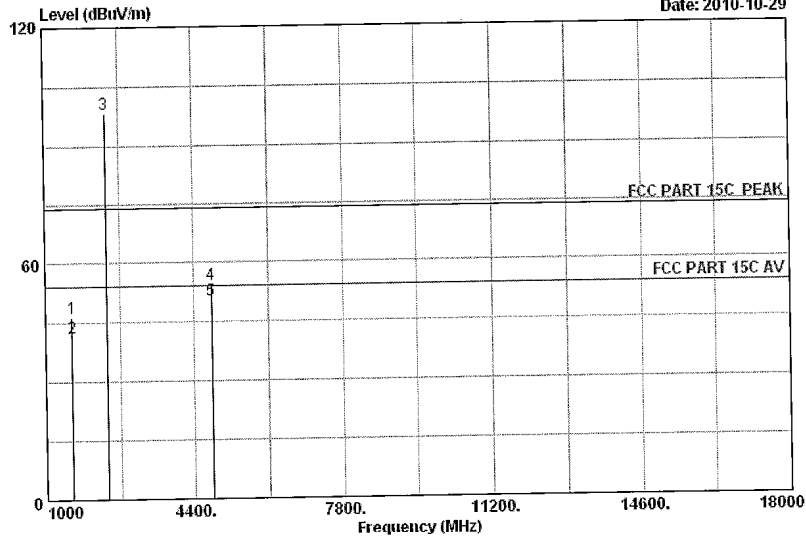


Site no.	: 3m Chamber	Data no. :	1
Dis. / Ant.	: 3m 3115(0911)	Ant. pol. :	HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 23°C/54%	Engineer :	Sunny-lu
EUT	: Rocketfish iCapsule Bluetooth Keyboard		
Power	: DC 3V		
Test mode	: Tx 2402MHz		
M/N	: RF-1CAP12,KBTT41811		



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong, China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

Data: 2 File: E:\2010 report data\TUV\2010\1102.EM6 (20) Date: 2010-10-29



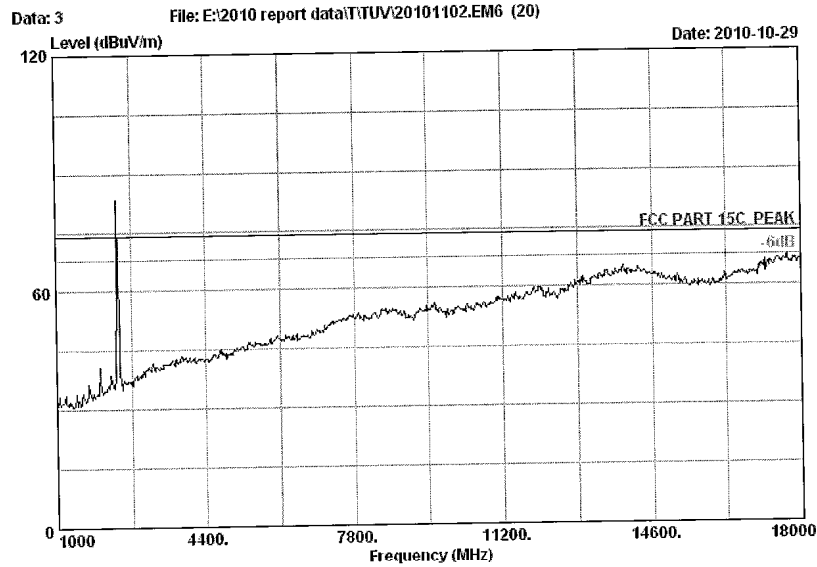
Site no. : 3m Chamber Data no. : 2
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54% Engineer : Sunny-lu
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power : DC 3V
Test mode : Tx 2402MHz
M/N : RF-1CAP12,KBTT41811

	Ant. Factor (MHz)	Cable loss (dB/m)	Amp. Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark	
1	1602.000	26.96	5.91	36.94	50.69	46.62	74.00	27.38	Peak
2	1602.000	26.96	5.91	36.94	45.66	41.59	54.00	12.41	Average
3	2402.000	29.44	7.43	36.62	97.89	98.14	74.00	-24.14	Peak
4	4804.000	34.30	10.62	35.10	44.78	54.60	74.00	19.40	Peak
5	4804.000	34.30	10.62	35.10	40.65	50.47	54.00	3.53	Average

Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong, China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

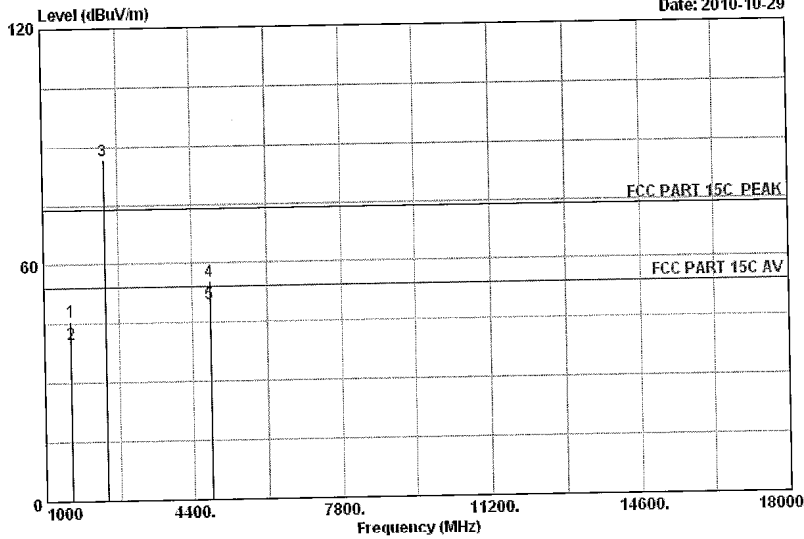


Site no.	: 3m Chamber	Data no. :	3
Dis. / Ant.	: 3m 3115(0911)	Ant. pol. :	VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 23°C/54%	Engineer :	Sunny-lu
EUT	: Rocketfish iCapsule Bluetooth Keyboard		
Power	: DC 3V		
Test mode	: Tx 2402MHz		
M/N	: RF-iCAP12, KBBT41811		



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

Data: 4 File: E:\2010 report data\TUV\2010\1102.EM6 (20) Date: 2010-10-29



Site no. : 3m Chamber Data no. : 4
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54% Engineer : Sunny-lu
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power : DC 3V
Test mode : Tx 2402MHz
M/N : RF-1CAP12,KBBT41811

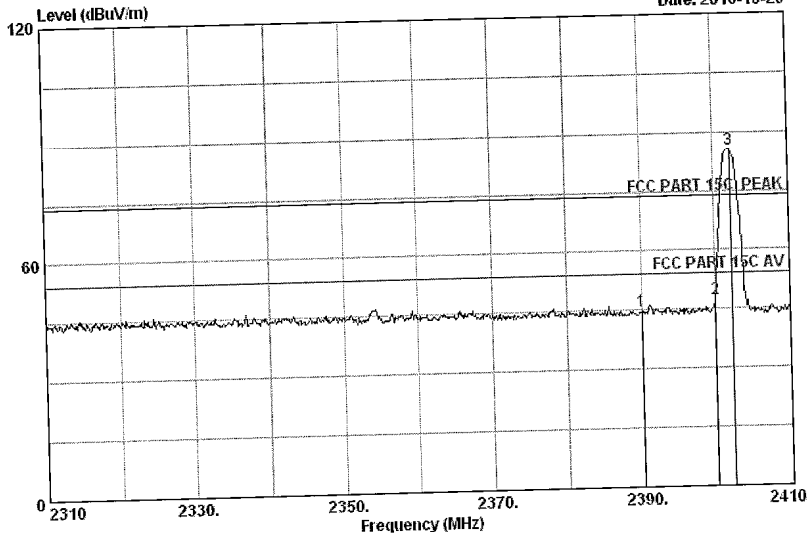
	Ant. Factor (dB/m)	Cable loss (dB)	Amp. Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	26.96	5.91	36.94	49.70	45.63	74.00	28.37	Peak
2	26.96	5.91	36.94	44.30	40.23	54.00	13.77	Average
3	29.44	7.43	36.62	86.30	86.55	74.00	-12.55	Peak
4	34.30	10.62	35.10	45.59	55.41	74.00	18.59	Peak
5	34.30	10.62	35.10	40.13	49.95	54.00	4.05	Average

Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen, GuangDong, China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

Data: 5 File: E:\2010 report data\TUV\20101102.EM6 (20) Date: 2010-10-29



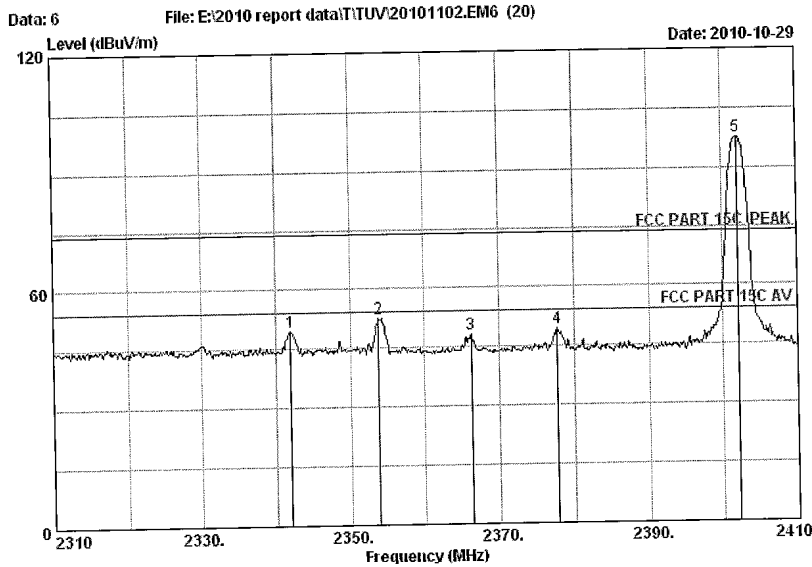
Site no. : 3m Chamber Data no. : 5
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54% Engineer : Sunny-lu
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power : DC 3V
Test mode : Tx 2402MHz
M/N : RF-iCAP12,KBTT41811

	Ant.	Cable	Amp.	Emission					
	Factor	loss	Factor	Reading	Level	Limits	Margin	Remark	
	(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dB)		
1	2390.000	29.44	7.39	36.62	44.53	44.74	74.00	29.26	Peak
2	2400.000	29.44	7.43	36.62	47.08	47.33	74.00	26.67	Peak
3	2402.200	29.44	7.43	36.62	85.25	85.50	74.00	-11.50	Peak

Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057



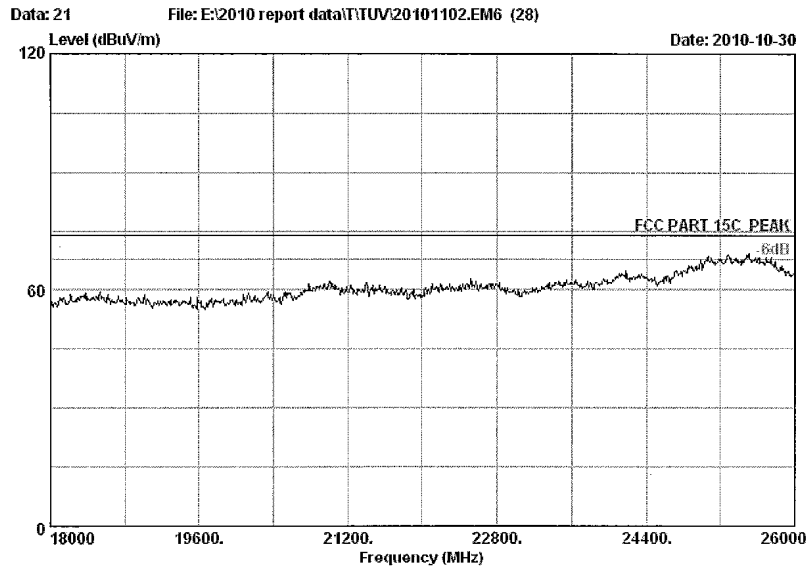
Site no. : 3m Chamber Data no. : 6
Dis. / Ant. : 3m 3115(D911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54% Engineer : Sunny-lu
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power : DC 3V
Test mode : Tx 2402MHz
M/N : RF-1CAP12,KBBT41811

	Ant. Freq. (MHz)	Ant. Factor (dB/m)	Cable loss (dB)	Amp. Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2342.000	29.41	7.31	36.63	49.55	49.64	74.00	24.36	Peak
2	2353.800	29.42	7.31	36.63	52.27	52.37	74.00	21.63	Peak
3	2366.200	29.42	7.35	36.62	47.91	48.06	74.00	25.94	Peak
4	2377.800	29.43	7.35	36.62	49.17	49.33	74.00	24.67	Peak
5	2402.000	29.44	7.43	36.62	97.43	97.68	74.00	-23.68	Peak

Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



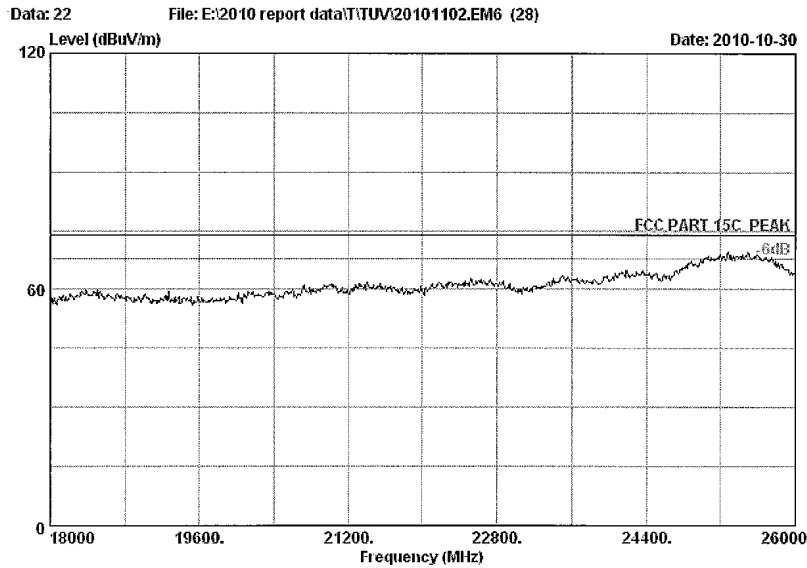
No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057



Site no. : 3m Chamber Data no. : 21
Dis. / Ant. : 3m 3116 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54% Engineer : Sunny-lu
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power : DC 3V
Test mode : Tx 2402MHz
M/N : RF-iCAP12,KBET41811



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

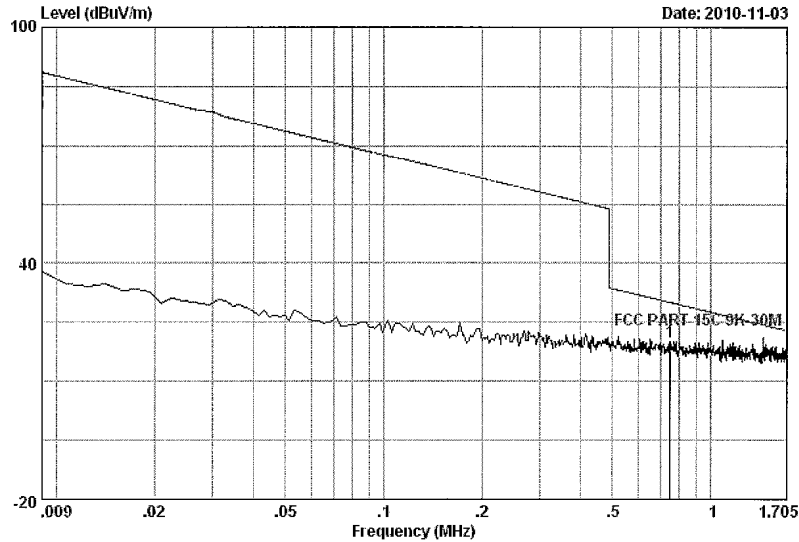


Site no. : 3m Chamber Data no. : 22
Dis. / Ant. : 3m 3116 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54% Engineer : Sunny-lu
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power : DC 3V
Test mode : Tx 2402MHz
M/N : RF-iCAP12, KBBT41B11



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

Data: 2 File: E:\2010 report data\TUV\2010-11-03.EM6 (32)



Site no. : 3m Chamber Data no. : 2
Dis. / Ant. : 3m 9K-30M ANT Ant. pol. : HORIZONTAL
Limit : FCC PART 15C 9K-30M
Env. / Ins. : 23°C/54% Engineer : Paul Tian
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power Rating : DC 3V
Test mode : Tx 2441MHz
M/N : RF-iCAP12,KBTT41811

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1 0.75185	38.64	0.35	-18.83	20.16	30.08	9.92	Peak

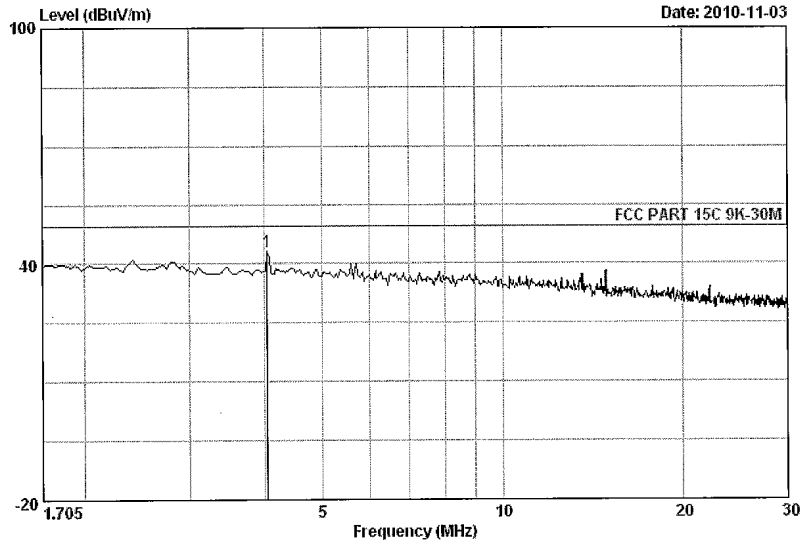
Remarks:

1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

Data: 6 File: E:\2010 report data\TUV\2010-11-03.EM6 (32)



Site no. : 3m Chamber Data no. : 6
Dis. / Ant. : 3m 9K-30M ANT Ant. pol. : HORIZONTAL
Limit : FCC PART 15C 9K-30M
Env. / Ins. : 23°C/54% Engineer : Paul Tian
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power Rating : DC 3V
Test mode : Tx 2441MHz
M/N : RF-iCAP12,KBTT41811

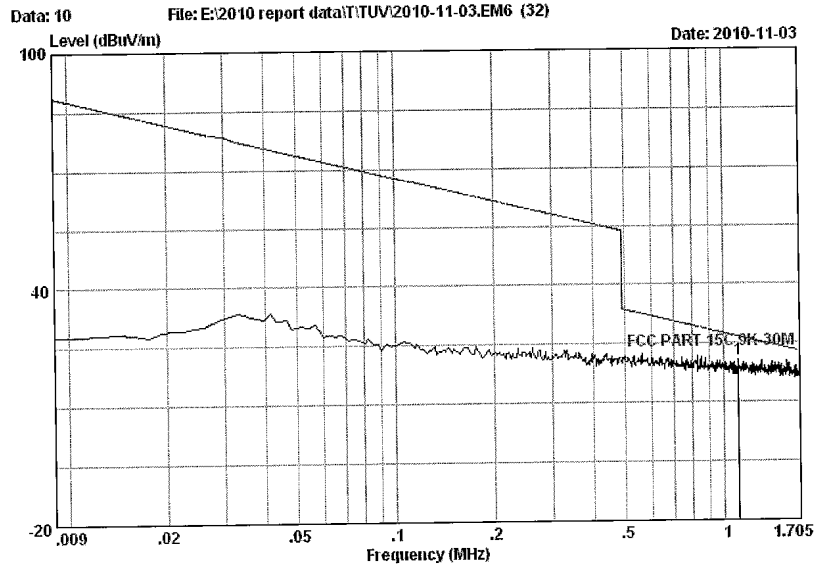
Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4.053	37.28	0.35	5.44	49.54	6.47	Peak

Remarks:

1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057



Site no. : 3m Chamber Data no. : 10
Dis. / Ant. : 3m 9K-30M ANT Ant. pol. : VERTICAL
Limit : FCC PART 15C 9K-30M
Env. / Ins. : 23°C/54% Engineer : Paul Tian
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power Rating : DC 3V
Test mode : Tx 2441MHz
M/N : RF-iCAP12,KBTT41811

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1.106	25.28	0.35	-4.86	20.77	26.72	5.95 Peak

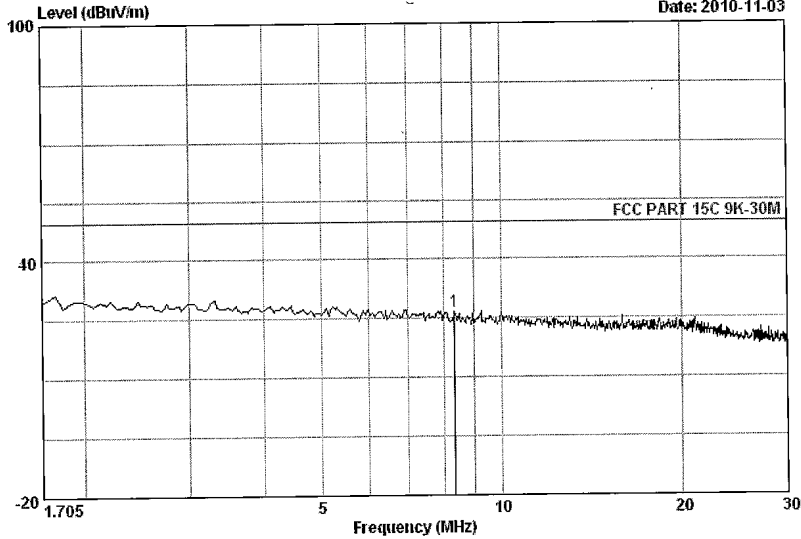
Remarks:

1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou, ShenZhen, GuangDong, China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

Data: 14 File: E:\2010 report data\TUV\2010-11-03.EM6 (32) Date: 2010-11-03



Site no. : 3m Chamber Data no. : 14
 Dis. / Ant. : 3m 9K-30M ANT Ant. pol. : VERTICAL
 Limit : FCC PART 15C 9K-30M
 Env. / Ins. : 23°C/54% Engineer : Paul Tian
 EUT : Rocketfish iCapsule Bluetooth Keyboard
 Power Rating : DC 3V
 Test mode : Tx 2441MHz
 M/N : RF-iCAP12,KBBT41811

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark	
1	8.354	22.32	0.35	4.23	26.90	49.54	22.64	Peak

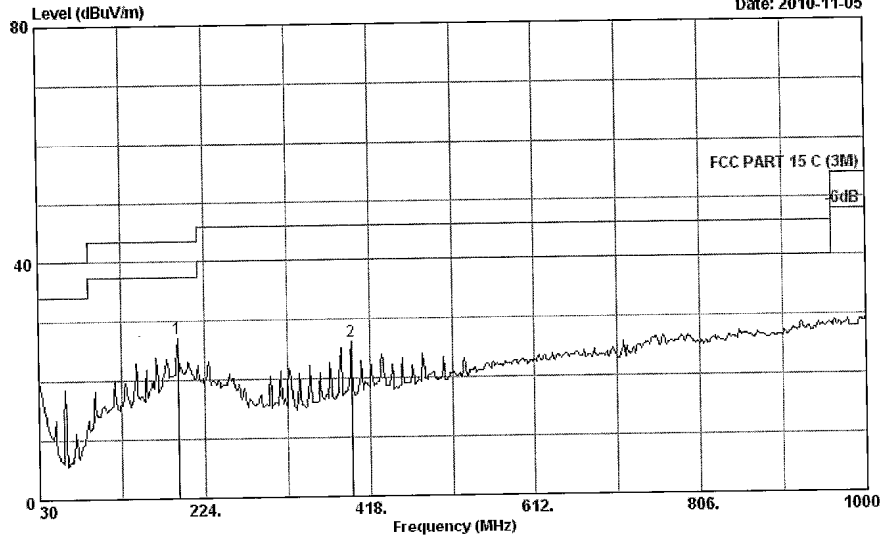
Remarks:

1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

Data: 9 File: E:\2010 Report Data\TUV\TUV-20101102.EM6 (12) Date: 2010-11-05



Site no. : 3m Chamber Data no. : 9
 Dis. / Ant. : 3m 2010 CBL6111C Ant. pol. : VERTICAL
 Limit : FCC PART 15 C (3M)
 Env. / Ins. : 24°C/56% Engineer : Sunny-lu
 EUT : Rocketfish iCapsule Bluetooth Keyboard
 Power rating : DC 3V
 Test Mode : Tx 2441MHz
 M/N:RF-iCAP12,KBBT41811

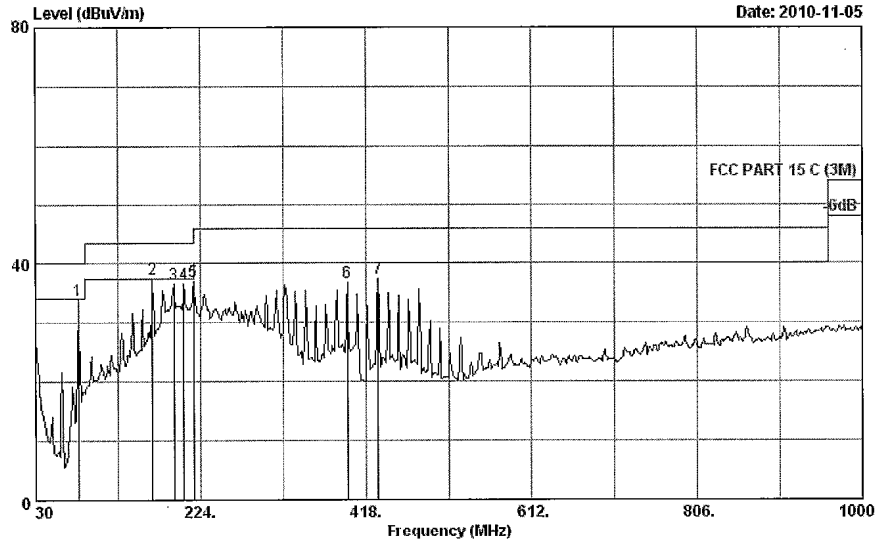
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	192.960	9.58	1.64	44.01	27.12	43.50	16.38	Peak
2	396.660	16.37	2.90	35.79	26.32	46.00	19.68	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou, ShenZhen, GuangDong, China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

Data: 10 File: E:\2010 Report Data\TUV\TUV-20101102.EM6 (12) Date: 2010-11-05



Site no. : 3m Chamber Data no. : 10
Dis. / Ant. : 3m 2010 CBL6111C Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 24°C/56% Engineer : Sunny-lu
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power rating : DC 3V
Test Mode : Tx 2441MHz
M/N: RF-iCAP12, KBBT41811

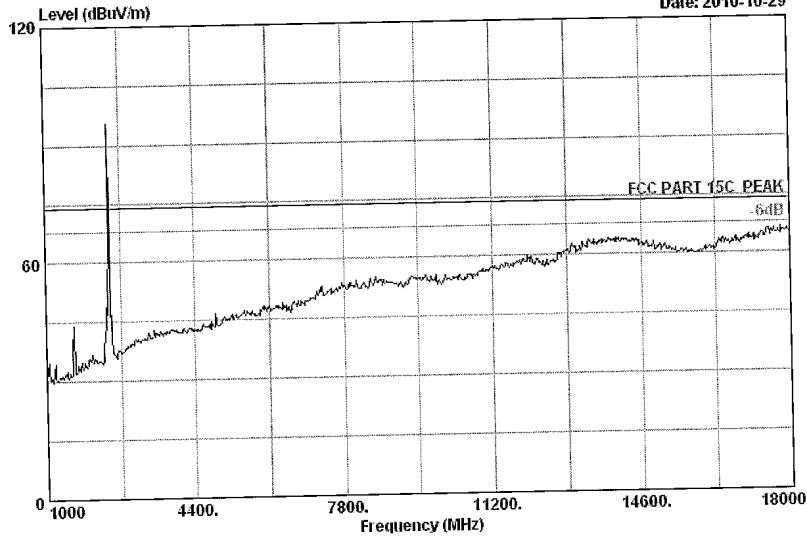
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	80.440	7.80	0.99	53.40	33.80	40.00	6.20	Peak
2	168.010	10.40	1.34	25.70	37.44	43.50	6.06	QP
3	192.960	9.58	1.64	53.34	36.45	43.50	7.05	Peak
4	204.600	10.10	1.76	52.82	36.53	43.50	6.97	Peak
5	216.240	10.04	1.87	53.21	36.91	46.00	9.09	Peak
6	396.660	16.37	2.90	46.32	36.85	46.00	9.15	Peak
7	432.550	17.42	3.12	45.63	37.40	46.00	8.60	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou, ShenZhen, Guangdong, China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

Data: 7 File: E:\2010 report data\TUV\20101102.EM6 (20) Date: 2010-10-29

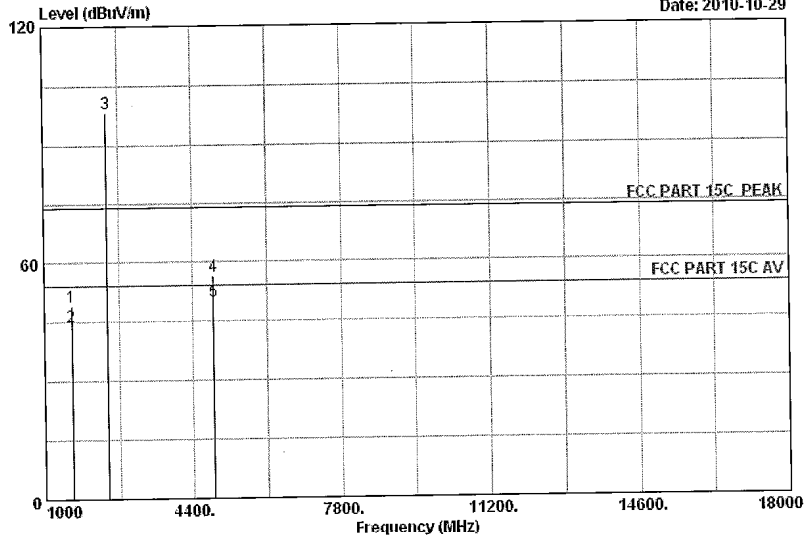


Site no.	: 3m Chamber	Data no. :	7
Dis. / Ant.	: 3m 3115(0911)	Ant. pol. :	HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 23°C/54%	Engineer :	Sunny-lu
EUT	: Rocketfish iCapsule Bluetooth Keyboard		
Power	: DC 3V		
Test mode	: Tx 2441MHz		
M/N	: RF-1CAP12, KBBT41811		



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

Data: 8 File: E:\2010 report data\TUV\20101102.EM6 (20) Date: 2010-10-29



Site no. : 3m Chamber Data no. : 8
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54% Engineer : Sunny-lu
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power : DC 3V
Test mode : Tx 2441MHz
M/N : RF-iCAP12,KBET41811

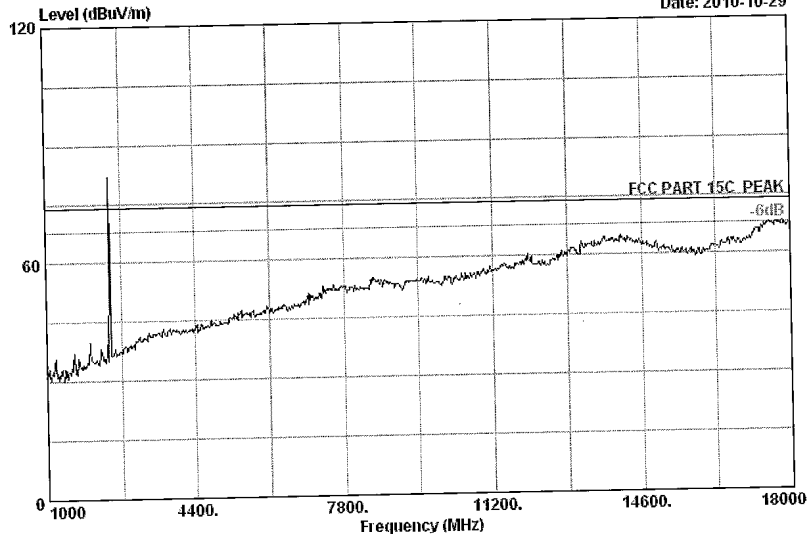
	Ant. Factor (MHz)	Cable loss (dB/m)	Amp. Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1627.000	27.15	5.95	36.92	53.02	74.00	24.80	Peak
2	1627.000	27.15	5.95	36.92	47.78	54.00	10.04	Average
3	2441.000	29.47	7.50	36.61	97.80	74.00	-24.16	Peak
4	4882.000	34.41	10.71	35.03	46.39	54.00	17.52	Peak
5	4882.000	34.41	10.71	35.03	40.20	54.00	3.71	Average

Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou, ShenZhen, GuangDong, China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

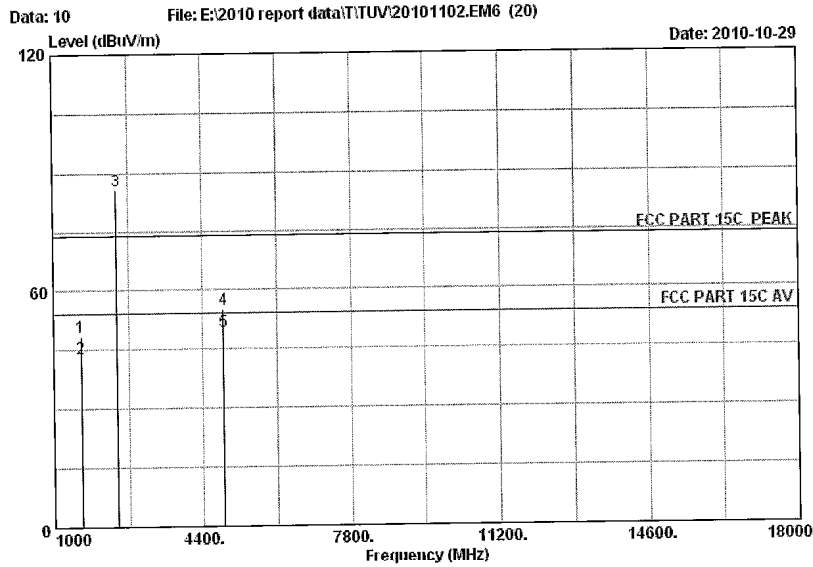
Data: 9 File: E:\2010 report data\TUV\20101102.EM6 (20) Date: 2010-10-29



Site no. : 3m Chamber Data no. : 9
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54% Engineer : Sunny-lu
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power : DC 3V
Test mode : Tx 2441MHz
M/N : RF-ICAP12,KBET41811



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057



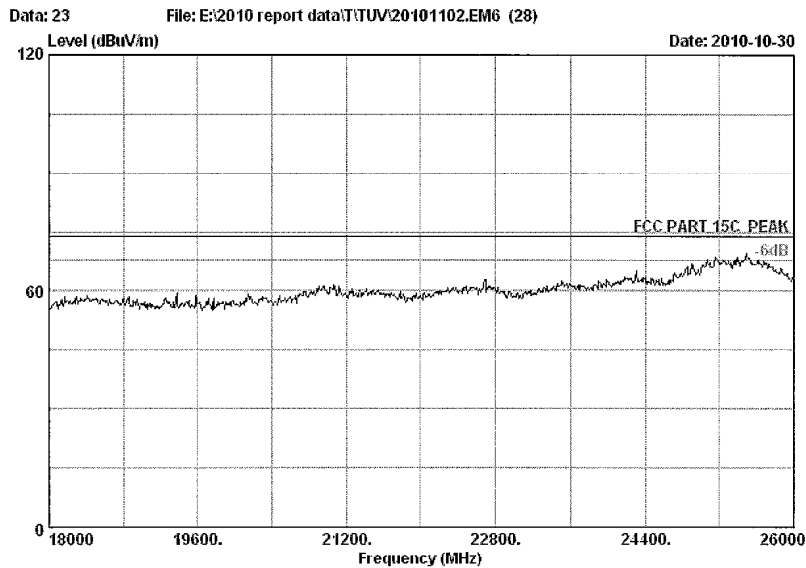
Site no. : 3m Chamber Data no. : 10
 Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Sunny-lu
 EUT : Rocketfish iCapsule Bluetooth Keyboard
 Power : DC 3V
 Test mode : Tx 2441MHz
 M/N : RF-iCAP12,KBBT41811

	Ant. Factor (MHz)	Cable loss (dB/m)	Amp. Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark	
1	1627.000	27.15	5.95	36.92	52.13	48.31	74.00	25.69	Peak
2	1627.000	27.15	5.95	36.92	47.08	43.26	54.00	10.74	Average
3	2441.000	29.47	7.50	36.61	85.16	85.52	74.00	-11.52	Peak
4	4882.000	34.41	10.71	35.03	45.03	55.12	74.00	18.88	Peak
5	4882.000	34.41	10.71	35.03	39.21	49.30	54.00	4.70	Average

Remarks:
 1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



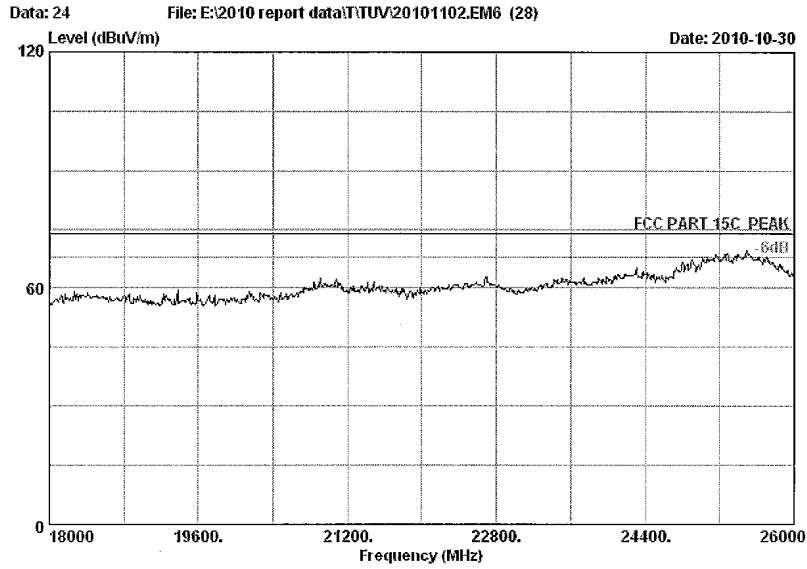
No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057



Site no. : 3m Chamber Data no. : 23
Dis. / Ant. : 3m 3116 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54% Engineer : Sunny-lu
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power : DC 3V
Test mode : Tx 2441MHz
M/N : RF-1CAP12, KBBT41811



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057



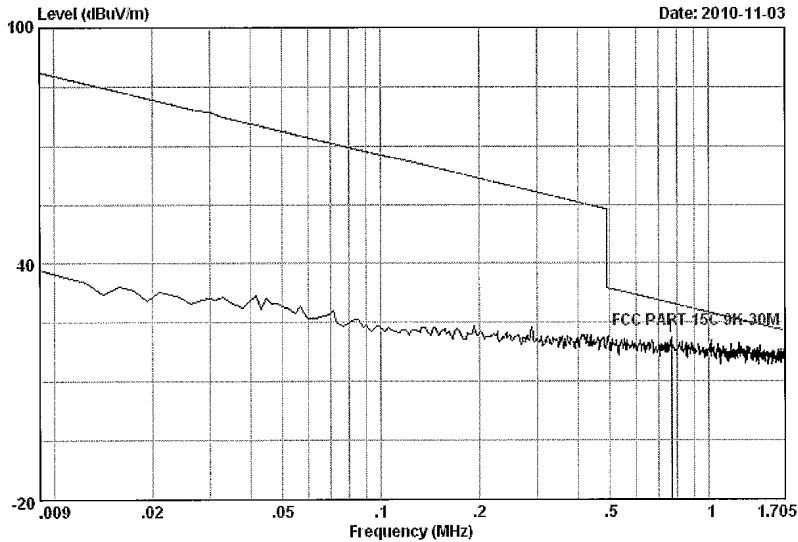
Site no. : 3m Chamber Data no. : 24
Dis. / Ant. : 3m 3116 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54% Engineer : Sunny-lu
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power : DC 3V
Test mode : Tx 2441MHz
M/N : RF-iCAP12, KBBT41811



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

Data: 3 File: E:\2010 report data\TUV\2010-11-03.EM6 (32)

Date: 2010-11-03



Site no. : 3m Chamber Data no. : 3
Dis. / Ant. : 3m 9K-30M ANT Ant. pol. : HORIZONTAL
Limit : FCC PART 15C 9K-30M
Env. / Ins. : 23°C/54% Engineer : Paul Tian
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power Rating : DC 3V
Test mode : Tx 2480MHz
M/N : RF-iCAP12,KBBT41811

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission			Remark	
				Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)		
1	0.76711	38.62	0.35	-17.55	21.42	29.90	8.48	Peak

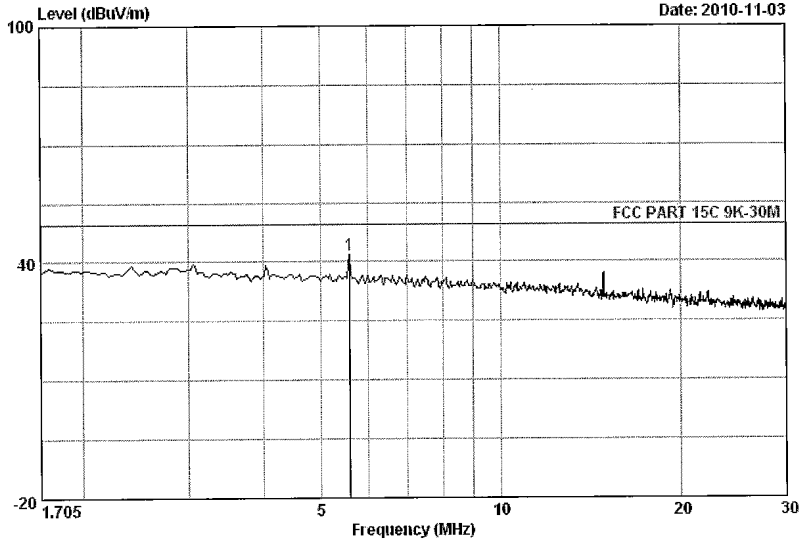
Remarks:

1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

Data: 7 File: E:\2010 report data\TUV\2010-11-03.EM6 (32) Date: 2010-11-03



Site no. : 3m Chamber Data no. : 7
Dis. / Ant. : 3m 9K-30M ANT Ant. pol. : HORIZONTAL
Limit : FCC PART 15C 9K-30M
Env. / Ins. : 23°C/54% Engineer : Paul Tian
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power Rating : DC 3V
Test mode : Tx 2480MHz
M/N : RF-iCAP12,KBTT41811

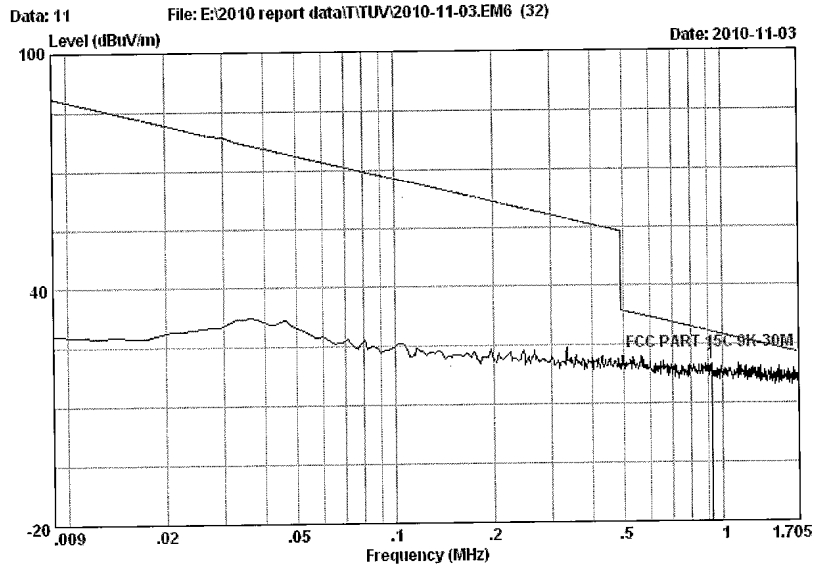
Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5.610	36.62	0.35	41.70	49.54	7.84	Peak

Remarks:

1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057



Site no. : 3m Chamber Data no. : 11
Dis. / Ant. : 3m 9K-30M ANT Ant. pol. : VERTICAL
Limit : FCC PART 15C 9K-30M
Env. / Ins. : 23°C/54% Engineer : Paul Tian
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power Rating : DC 3V
Test mode : Tx 2480MHz
M/N : RF-iCAP12,KBBT41811

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	0.92484	25.34	0.35	-5.54	20.15	28.28	8.13 Peak

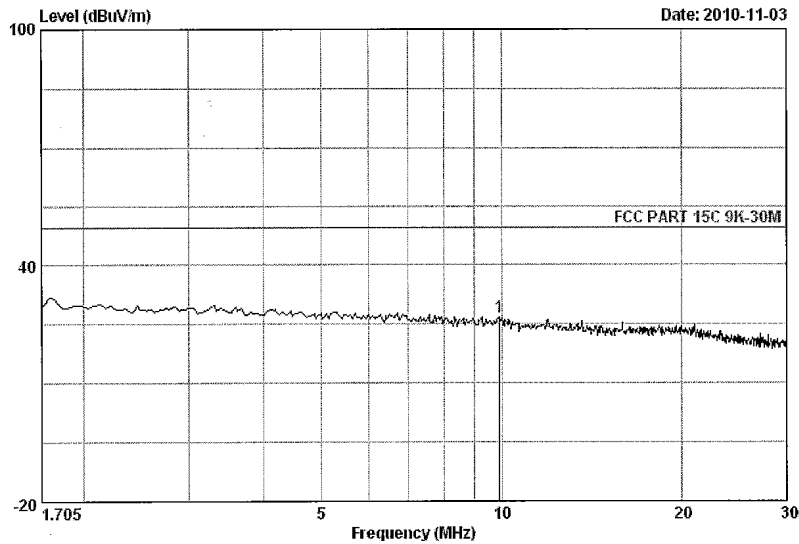
Remarks:

1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

Data: 15 File: E:\2010 report data\TUV\2010-11-03.EM6 (32)



Site no. : 3m Chamber Data no. : 15
Dis. / Ant. : 3m 9K-30M ANT Ant. pol. : VERTICAL
Limit : FCC PART 15C 9K-30M
Env. / Ins. : 23°C/54% Engineer : Paul Tian
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power Rating : DC 3V
Test mode : Tx 2480MHz
M/N : RF-iCAP12,KBBT41811

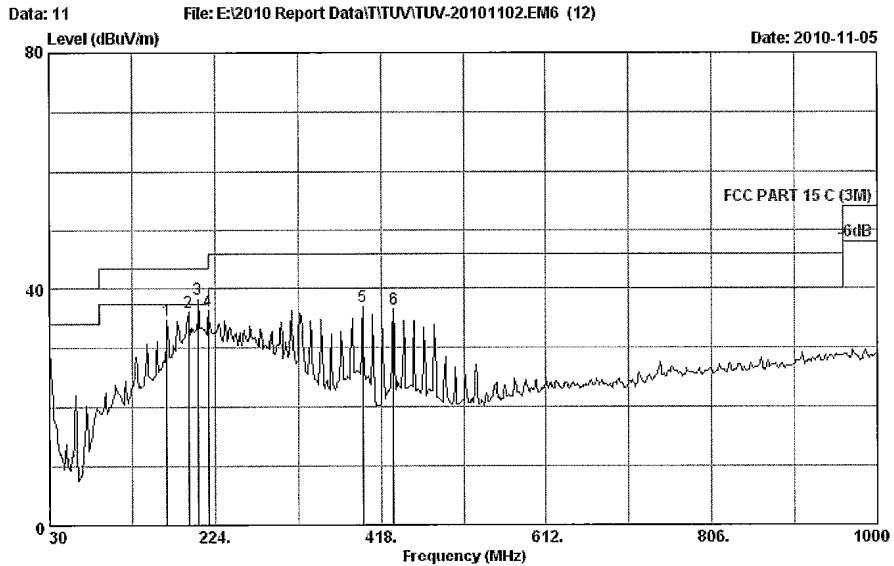
Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	9.911	21.65	0.35	4.73	26.73	49.54	22.81 Peak

Remarks:

1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057



Site no. : 3m Chamber Data no. : 11
Dis. / Ant. : 3m 2010 CBL6111C Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 24°C/56% Engineer : Sunny-lu
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power rating : DC 3V
Test Mode : Tx 2480MHz
M/N:RF-iCAP12,KBTT41811

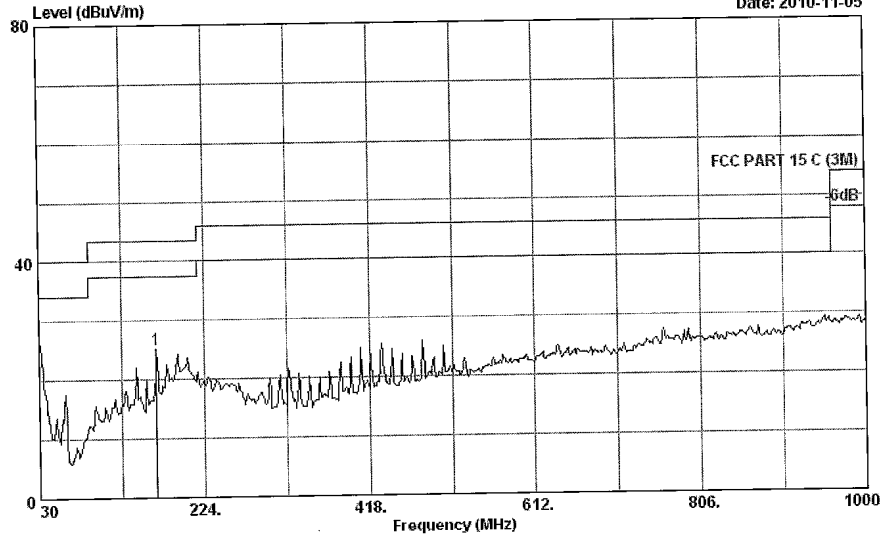
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	167.740	10.40	1.34	51.14	34.83	43.50	8.67	Peak
2	192.960	9.58	1.64	53.09	36.20	43.50	7.30	Peak
3	203.970	10.08	1.75	26.50	38.33	43.50	5.17	QP
4	216.240	10.04	1.87	52.60	36.30	46.00	9.70	Peak
5	396.660	16.37	2.90	46.39	36.92	46.00	9.08	Peak
6	432.550	17.42	3.12	44.79	36.56	46.00	9.44	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

Data: 12 File: E:\2010 Report Data\TUV\TUV-20101102.EM6 (12) Date: 2010-11-05



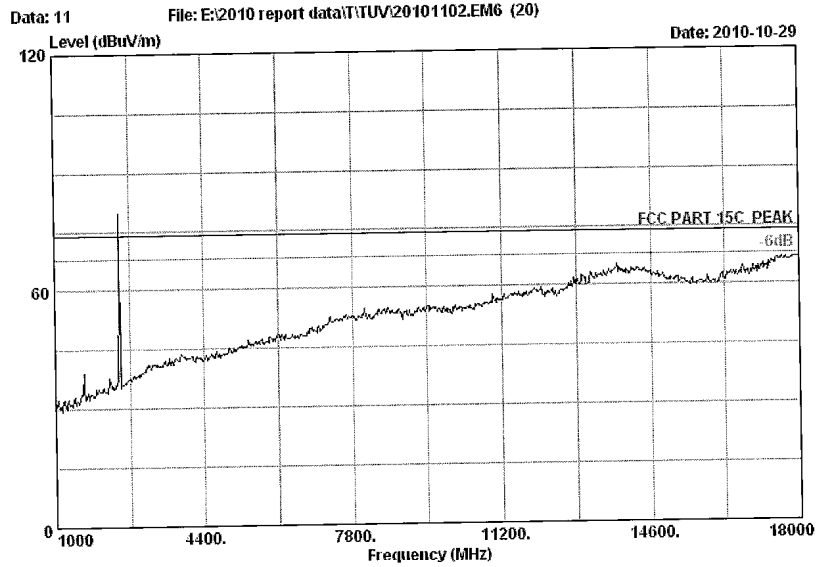
Site no. : 3m Chamber Data no. : 12
 Dis. / Ant. : 3m 2010 CBL6111C Ant. pol. : VERTICAL
 Limit : FCC PART 15 C (3M)
 Env. / Ins. : 24°C/56% Engineer : Sunny-lu
 EUT : Rocketfish iCapsule Bluetooth Keyboard
 Power rating : DC 3V
 Test Mode : Tx 2480MHz
 M/N:RF-iCAP12,KBBT41811

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	167.740	10.40	1.34	41.52	25.21	43.50	18.29	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

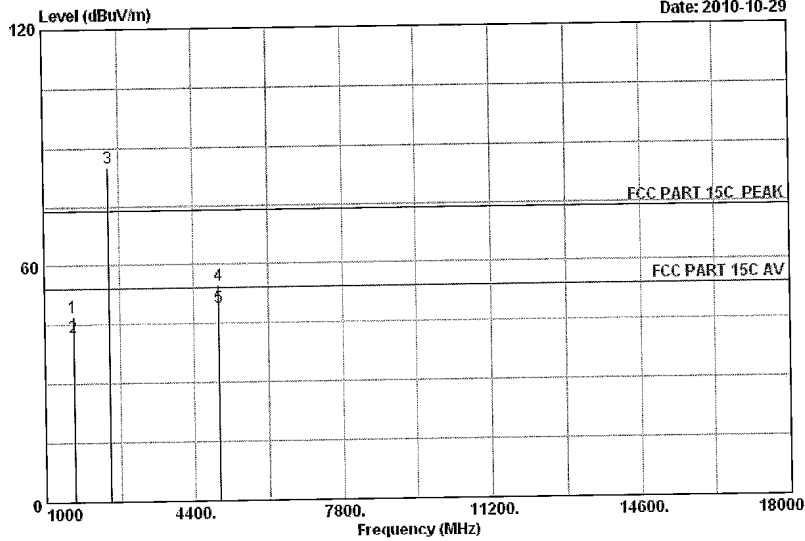


Site no.	: 3m Chamber	Data no. :	11
Dis. / Ant.	: 3m 3115(0911)	Ant. pol. :	VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 23°C/54%	Engineer :	Sunny-lu
EUT	: Rocketfish iCapsule Bluetooth Keyboard		
Power	: DC 3V		
Test mode	: Tx 2480MHz		
M/N	: RF-iCAP12, KBBT41811		



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

Data: 12 File: E:\2010 report data\TUV\20101102.EM6 (20) Date: 2010-10-29



Site no. : 3m Chamber Data no. : 12
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54% Engineer : Sunny-lu
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power : DC 3V
Test mode : Tx 2480MHz
M/N : RF-iCAP12,KBBT41811

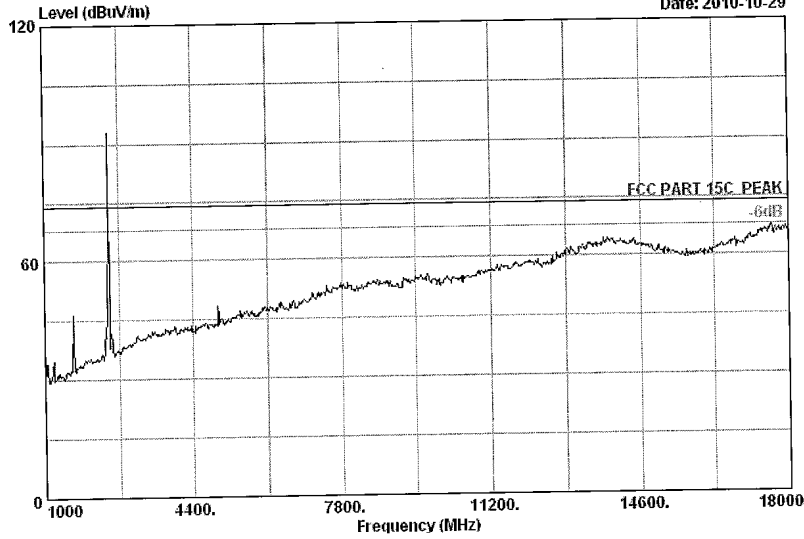
	Ant. Factor (MHz)	Cable loss (dB/m)	Amp. Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark	
1	1654.000	27.24	5.99	36.91	50.69	47.01	74.00	26.99	Peak
2	1654.000	27.24	5.99	36.91	45.72	42.04	54.00	11.96	Average
3	2480.000	29.49	7.58	36.60	84.52	84.99	74.00	-10.99	Peak
4	4960.000	34.54	10.80	34.95	44.28	54.67	74.00	19.33	Peak
5	4960.000	34.54	10.80	34.95	38.88	49.27	54.00	4.73	Average

Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
Shenzhen Science & Industry Park
Noutou,Shenzhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

Data: 13 File: E:\2010 report data\TUV\20101102.EM6 (20) Date: 2010-10-29

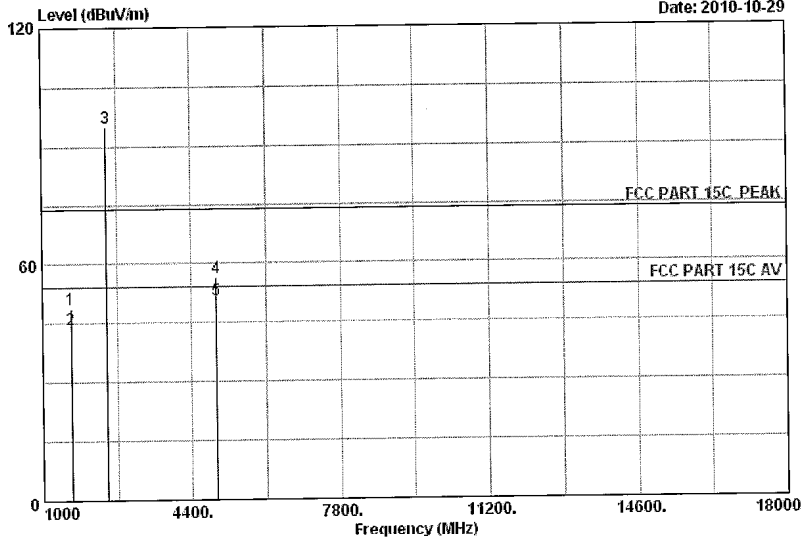


Site no. : 3m Chamber Data no. : 13
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54% Engineer : Sunny-lu
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power : DC 3V
Test mode : Tx 2480MHz
M/N : RF-iCAP12,KBBT41811



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

Data: 14 File: E:\2010 report data\TUV\20101102.EM6 (20) Date: 2010-10-29



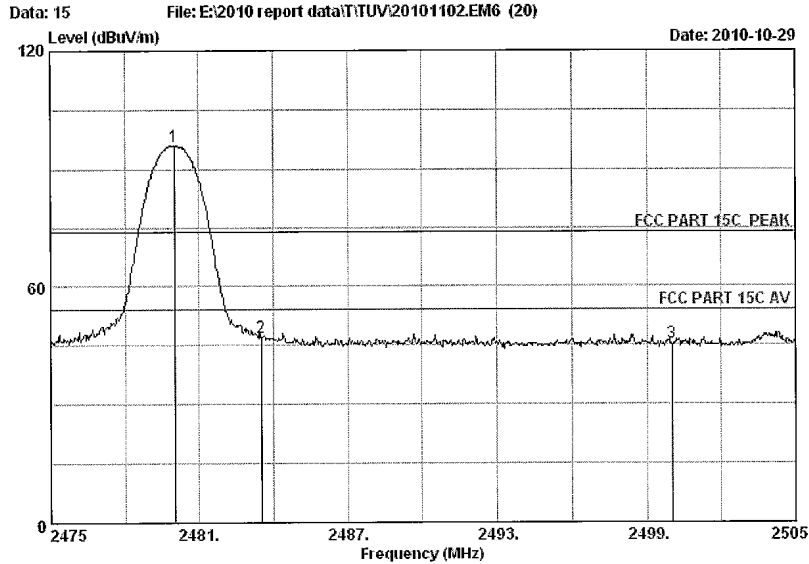
Site no. : 3m Chamber Data no. : 14
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54% Engineer : Sunny-lu
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power : DC 3V
Test mode : Tx 2480MHz
M/N : RF-iCAP12,KBBT41811

	Freq. (MHz)	Ant. Factor (dB/m)	Cable loss (dB)	Amp. Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1654.000	27.24	5.99	36.91	52.46	48.78	74.00	25.22	Peak
2	1654.000	27.24	5.99	36.91	47.62	43.94	54.00	10.06	Average
3	2479.000	29.49	7.58	36.60	94.56	95.03	74.00	-21.03	Peak
4	4960.000	34.54	10.80	34.95	46.13	56.52	74.00	17.48	Peak
5	4960.000	34.54	10.80	34.95	40.54	50.93	54.00	3.07	Average

Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057



Site no. : 3m Chamber Data no. : 15
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54% Engineer : Sunny-lu
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power : DC 3V
Test mode : Tx 2480MHz
M/N : RF-iCAP12,KBET41811

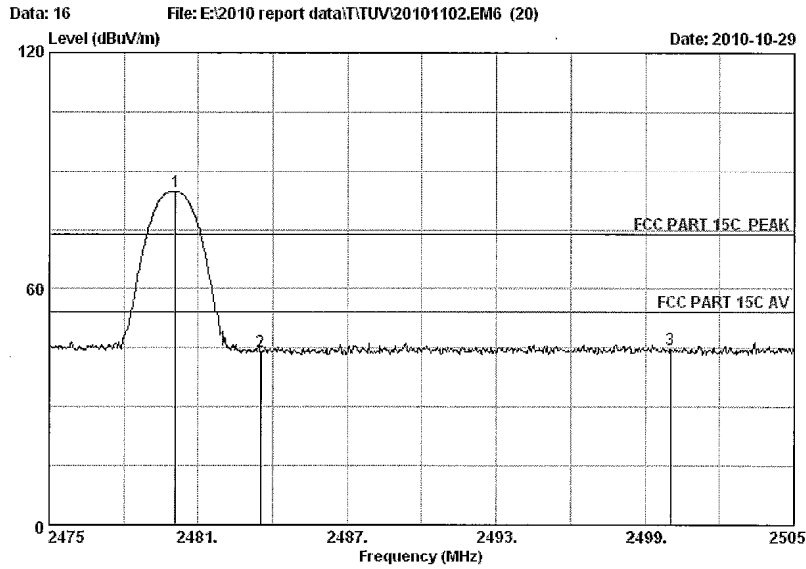
	Ant. Freq. (MHz)	Factor (dB/m)	Cable loss (dB)	Amp. Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2480.010	29.49	7.58	36.60	95.51	95.98	74.00	-21.98	Peak
2	2483.500	29.49	7.58	36.60	46.71	47.18	74.00	26.82	Peak
3	2500.000	29.50	7.62	36.60	45.01	45.53	74.00	28.47	Peak

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou, ShenZhen, Guangdong, China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057



Site no. : 3m Chamber Data no. : 16
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54% Engineer : Sunny-lu
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power : DC 3V
Test mode : Tx 2480MHz
M/N : RF-1CAP12,KBTT41811

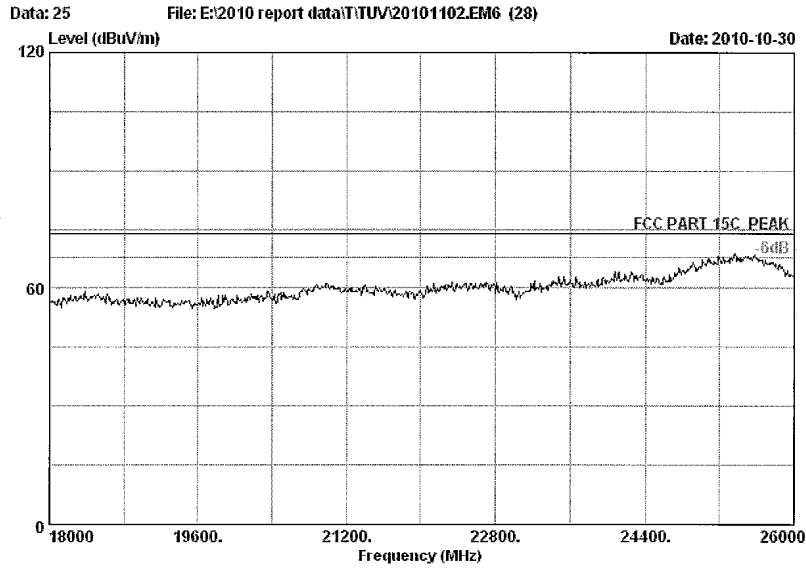
	Ant. Factor (dB/m)	Cable loss (dB)	Amp. Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	29.49	7.58	36.60	84.15	84.62	74.00	-10.62	Peak
2	29.49	7.58	36.60	43.71	44.18	74.00	29.82	Peak
3	29.50	7.62	36.60	44.27	44.79	74.00	29.21	Peak

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



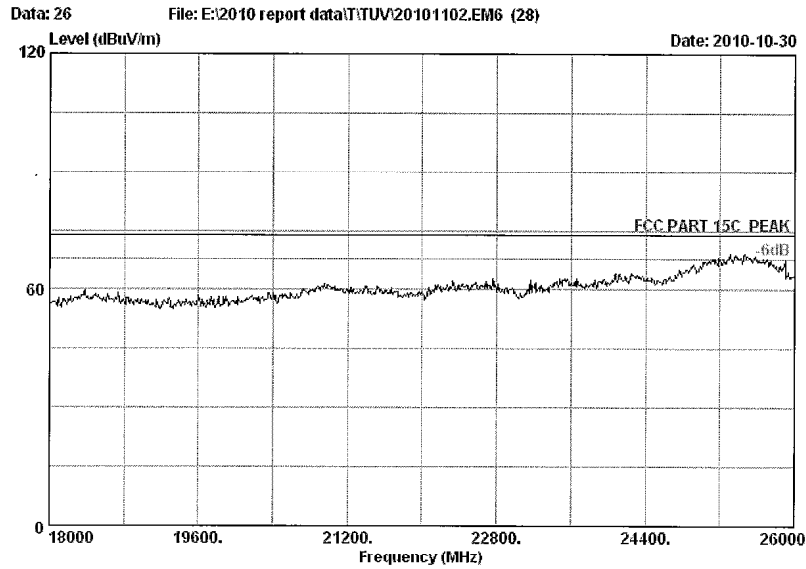
No. 6 Ke Feng Road, Block 52,
ShenZhen Science & Industry Park
Noutou, ShenZhen, GuangDong, China
Tel: +86-755-26639495-7
Fax: +86-755-26632877
Postcode: 518057



Site no.	: 3m Chamber	Data no.	: 25
Dis. / Ant.	: 3m 3116 FACTOR	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 23°C/54%	Engineer	: Sunny-lu
EUT	: Rocketfish iCapsule Bluetooth Keyboard		
Power	: DC 3V		
Test mode	: Tx 2480MHz		
M/N	: RF-iCAP12, KBBT41811		



No.6 Ke Feng Road,Block 52,
Shenzhen Science & Industry Park
Noutou,Shenzhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

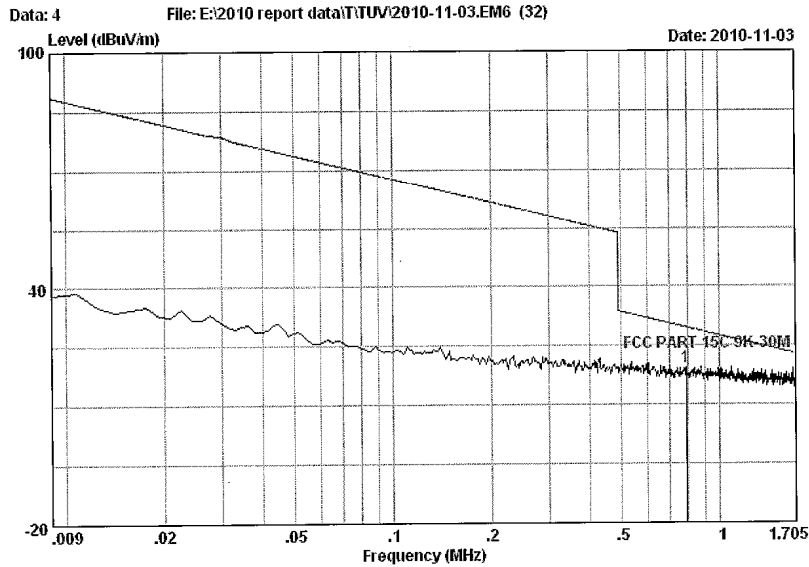


Site no. : 3m Chamber Data no. : 26
Dis. / Ant. : 3m 3116 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54% Engineer : Sunny-lu
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power : DC 3V
Test mode : Tx 2480MHz
M/N : RF-iCAP12,KBTT41811

Test Graph of Spurious Emissions, mode B



No.6 Ke Feng Road,Block 52,
Shenzhen Science & Industry Park
Noutou,Shenzhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057



Site no. : 3m Chamber Data no. : 4
 Dis. / Ant. : 3m 9K-30M ANT Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C 9K-30M
 Env. / Ins. : 23°C/54% Engineer : Paul Tian
 EUT : Rocketfish iCapsule Bluetooth Keyboard
 Power Rating : DC 3V
 Test mode : Rx Mode
 M/N : RF-iCAP12, KBBT41811

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1 0.78916	38.62	0.35	-19.38	19.59	29.66	10.07	Peak

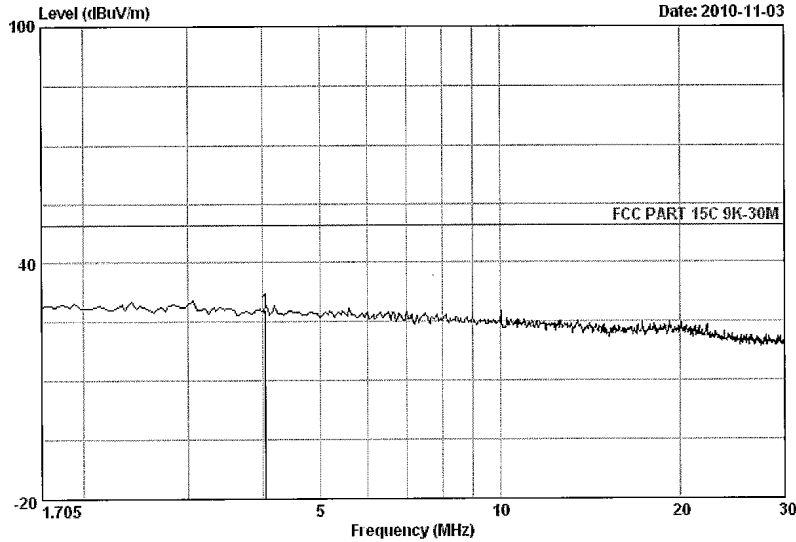
Remarks:

1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

Data: 8 File: E:\2010 report data\TUV\2010-11-03.EM6 (32) Date: 2010-11-03



Site no. : 3m Chamber Data no. : 8
Dis. / Ant. : 3m 9K-30M ANT Ant. pol. : HORIZONTAL
Limit : FCC PART 15C 9K-30M
Env. / Ins. : 23°C/54% Engineer : Paul Tian
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power Rating : DC 3V
Test mode : Rx Mode
M/N : RF-iCAP12,KBTT41811

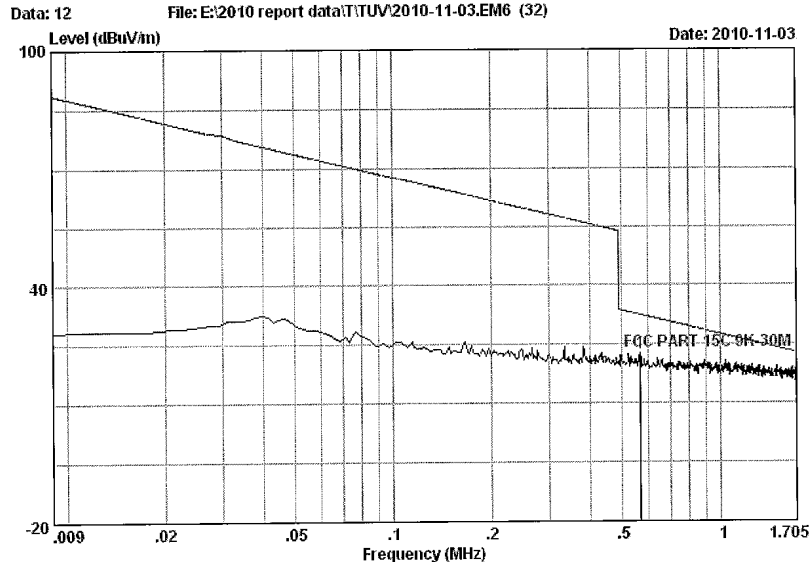
Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4.053	37.28	0.35	-9.41	28.22	49.54	21.32 Peak

Remarks:

- Emission Level= Antenna Factor + Cable Loss + Reading.
- The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057



Site no. : 3m Chamber Data no. : 12
 Dis. / Ant. : 3m 9K-30M ANT Ant. pol. : VERTICAL
 Limit : FCC PART 15C 9K-30M
 Env. / Ins. : 23°C/54% Engineer : Paul Tian
 EUT : Rocketfish iCapsule Bluetooth Keyboard
 Power Rating : DC 3V
 Test mode : Rx Mode
 M/N : RF-iCAP12,KBET41811

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	0.56868	25.48	0.35	-3.15	22.68	32.50	9.82 Peak

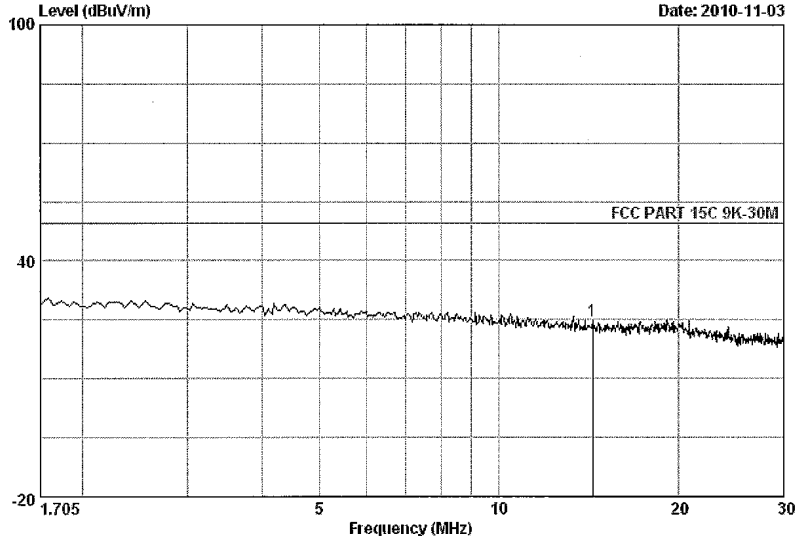
Remarks:

- Emission Level= Antenna Factor + Cable Loss + Reading.
- The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

Data: 16 File: E:\2010 report data\TUV\2010-11-03.EM6 (32) Date: 2010-11-03



Site no. : 3m Chamber Data no. : 16
Dis. / Ant. : 3m 9K-30M ANT Ant. pol. : VERTICAL
Limit : FCC PART 15C 9K-30M
Env. / Ins. : 23°C/54% Engineer : Paul Tian
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power Rating : DC 3V
Test mode : Rx Mode
M/N : RF-iCAP12,KBBT41811

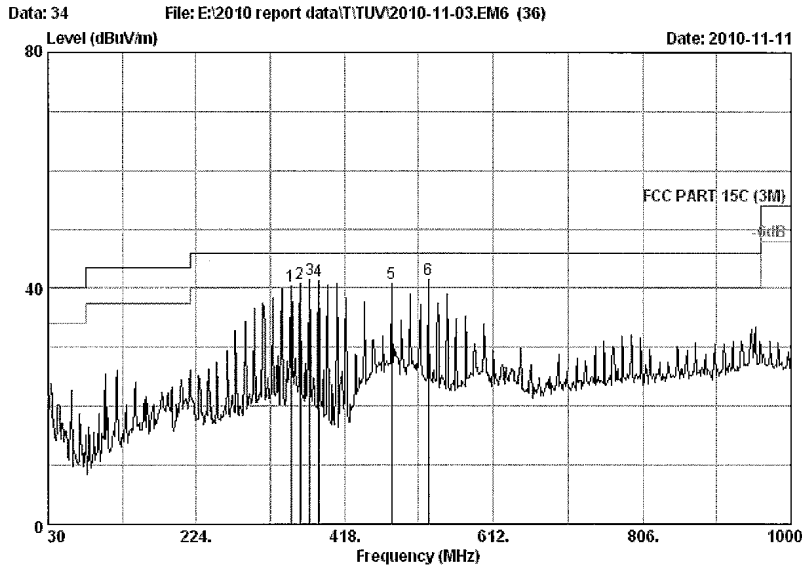
Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	14.381	20.02	0.35	4.48	24.85	49.54	24.69 Peak

Remarks:

1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen, GuangDong, China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057



Site no. : 3m Chamber Data no. : 34
Dis. / Ant. : 3m 2768(200912) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C (3M)
Env. / Ins. : 23°C/54% Engineer : Paul Tian
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power Rating : DC 3V
Test mode : Rx Mode
M/N : RF-iCAP12,KBTT41811

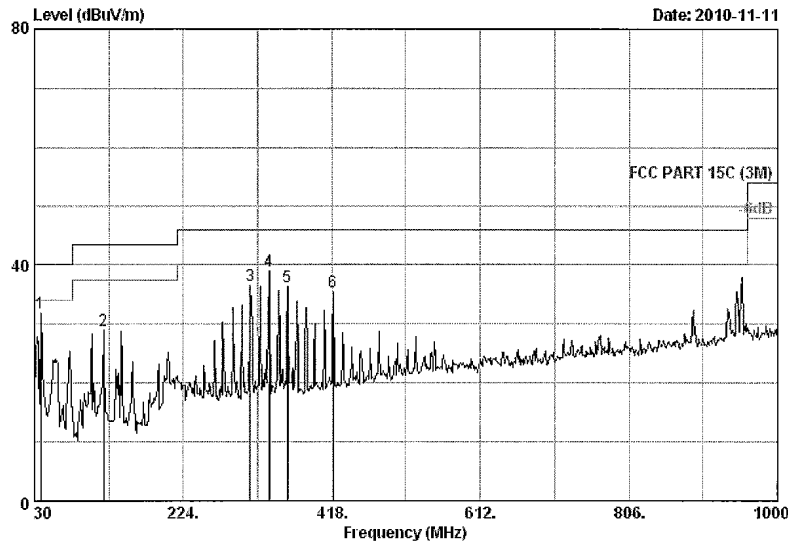
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	348.160	15.16	2.76	22.50	40.42	46.00	5.58	Peak
2	359.800	15.40	2.76	22.57	40.73	46.00	5.27	Peak
3	372.410	15.66	2.83	23.00	41.49	46.00	4.51	Peak
4	384.050	15.89	2.91	22.35	41.15	46.00	4.85	Peak
5	479.110	18.26	3.21	19.30	40.77	46.00	5.23	Peak
6	527.610	18.74	3.41	19.22	41.37	46.00	4.63	Peak

Remarks:
1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou, ShenZhen, GuangDong, China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

Data: 33 File: E:\2010 report data\TUV\2010-11-03.EM6 (36)



Site no. : 3m Chamber Data no. : 33
Dis. / Ant. : 3m 2768(200912) Ant. pol. : VERTICAL
Limit : FCC PART 15C (3M)
Env. / Ins. : 23°C/54% Engineer : Paul Tian
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power Rating : DC 3V
Test mode : Rx Mode
M/N : RF-iCAP12,KBET41811

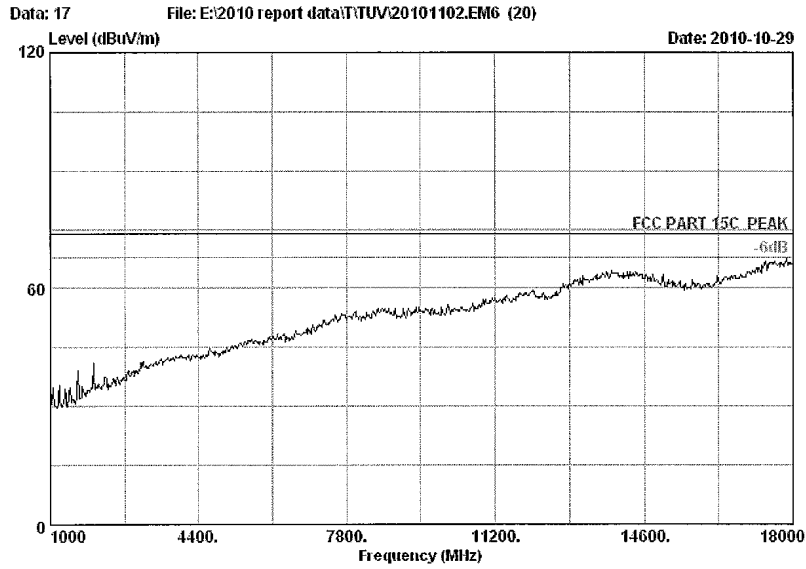
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	37.760	15.75	0.81	15.39	31.95	40.00	8.05	Peak
2	120.210	11.80	1.64	15.58	29.02	43.50	14.48	Peak
3	311.300	13.84	2.61	20.16	36.61	46.00	9.39	Peak
4	335.550	14.73	2.68	21.67	39.08	46.00	6.92	Peak
5	359.800	15.40	2.76	18.21	36.37	46.00	9.63	Peak
6	419.940	17.20	3.06	15.22	35.48	46.00	10.52	Peak

Remarks:

1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



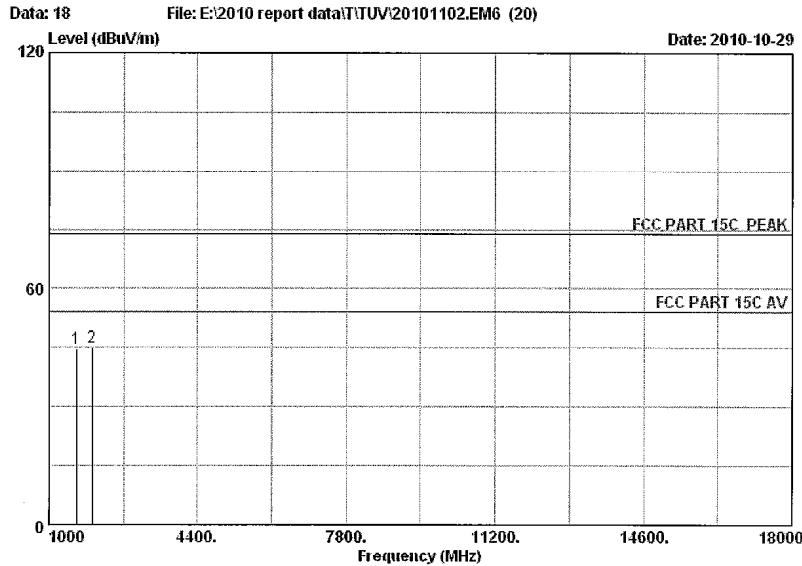
No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou, ShenZhen, Guangdong, China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057



Site no. : 3m Chamber Data no. : 17
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54% Engineer : Sunny-lu
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power : DC 3V
Test mode : Rx Mode
M/N : RF-iCAP12, KBBT41811



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057



Site no. : 3m Chamber Data no. : 18
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54% Engineer : Sunny-lu
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power : DC 3V
Test mode : Rx Mode
M/N : RF-iCAP12,KBTT41811

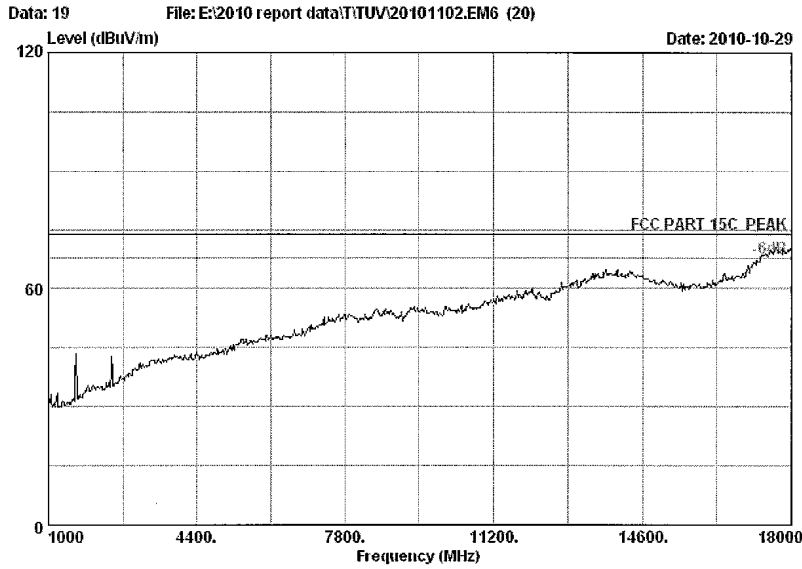
	Ant. Factor (MHz)	Cable loss (dB/m)	Amp. Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark	
1	1629.000	27.15	5.95	36.92	48.63	44.81	74.00	29.19	Peak
2	1986.000	29.11	6.63	36.70	45.92	44.96	74.00	29.04	Peak

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



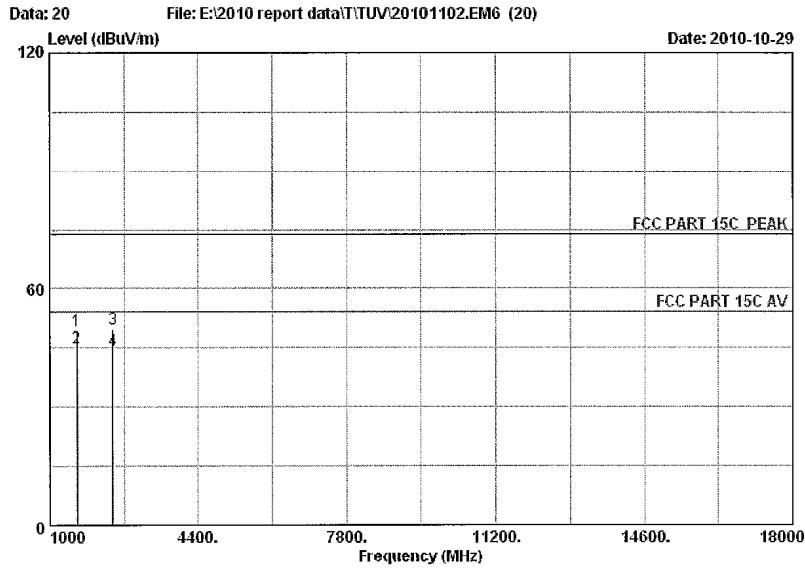
No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057



Site no.	: 3m Chamber	Data no. :	19
Dis. / Ant.	: 3m 311S(O911)	Ant. pol. :	HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 23°C/54%	Engineer :	Sunny-lu
EUT	: Rocketfish iCapsule Bluetooth Keyboard		
Power	: DC 3V		
Test mode	: Rx Mode		
M/N	: RF-1CAP12,KBTT41811		



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou, ShenZhen, GuangDong, China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057



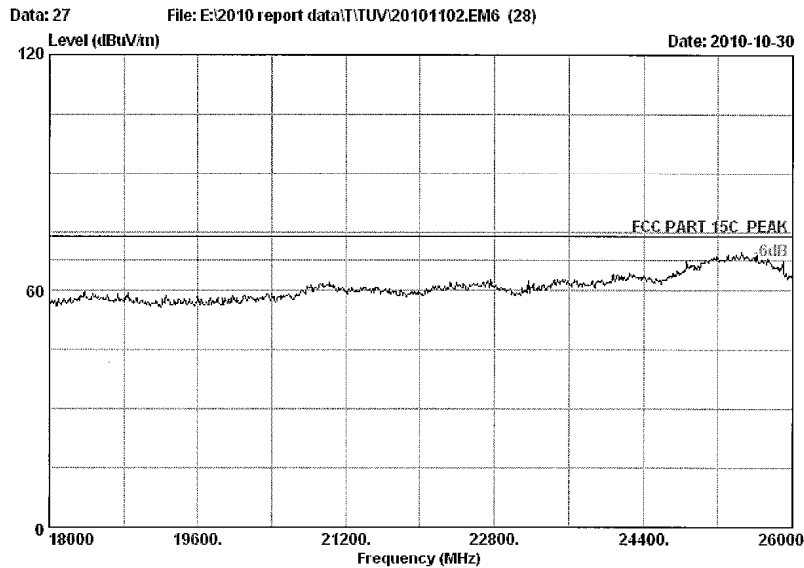
Site no. : 3m Chamber Data no. : 20
 Dis. / Ant. : 3m 3115 (0911) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Sunny-lu
 EUT : Rocketfish iCapsule Bluetooth Keyboard
 Power : DC 3V
 Test mode : Rx Mode
 M/N : RF-1CAP12, KBBT41811

	Ant. Freq. (MHz)	Factor (dB/m)	Cable loss (dB)	Amp. Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1629.000	27.15	5.95	36.92	53.41	49.59	74.00	24.41	Peak
2	1629.000	27.15	5.95	36.92	48.95	45.13	54.00	8.87	Average
3	2445.000	29.47	7.50	36.61	49.59	49.95	74.00	24.05	Peak
4	2445.000	29.47	7.50	36.61	44.23	44.59	54.00	9.41	Average

Remarks:
 1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



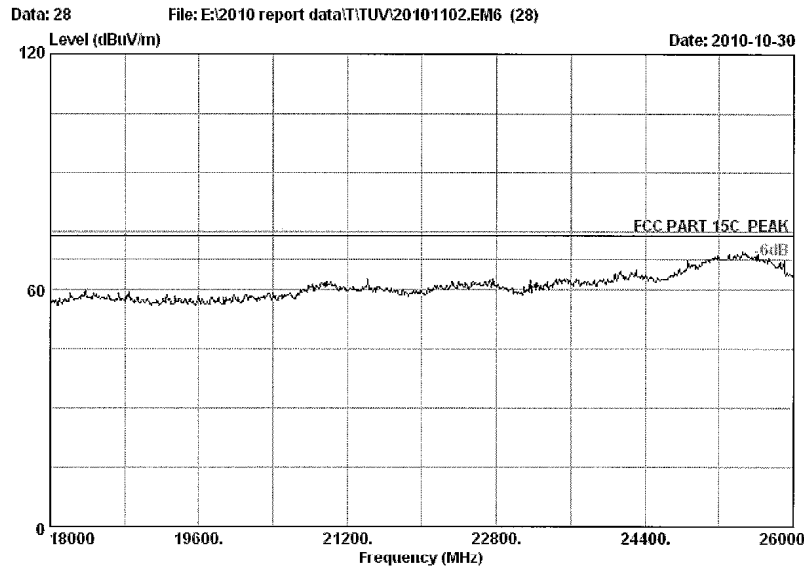
No.6 Ke Feng Road,Block 52,
Shenzhen Science & Industry Park
Noutou,Shenzhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057



Site no. : 3m Chamber Data no. : 27
Dis. / Ant. : 3m 3116 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54% Engineer : Sunny-lu
EUT : Rocketfish iCapsule Bluetooth Keyboard
Power : DC 3V
Test mode : Rx Mode
M/N : RF-iCAP12, KBBT41811



No.6 Ke Feng Road,Block 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057



Site no.	: 3m Chamber	Data no.	: 28
Dis. / Ant.	: 3m 3116 FACTOR	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 23°C/54%	Engineer	: Sunny-lu
EUT	: Rocketfish iCapsule Bluetooth Keyboard		
Power	: DC 3V		
Test mode	: Rx Mode		
M/N	: RF-ICAP12,KBTT41811		