


Produkte
Products



Prüfbericht - Nr.: 17026608 001		Seite 1 von 54	
<i>Test Report No.:</i>		<i>Page 1 of 54</i>	
Auftraggeber:	Trans Electric Co., Ltd.		
<i>Client:</i>	771, Sec. 2, Chungsan Road, Huatang, Changhua, Taiwan		
Gegenstand der Prüfung:	Bluetooth Music Receiver		
<i>Test item:</i>			
Bezeichnung:	RF-BTR212, BTR-1200	Serien-Nr.:	n.a.
<i>Identification:</i>		<i>Serial No.:</i>	
Wareneingangs-Nr.:	163094189	Eingangsdatum:	2012-06-11
<i>Receipt No.:</i>		<i>Date of receipt:</i>	
Zustand des Prüfgegenstandes bei Anlieferung:	Test samples received are sufficient for testing and not damaged.		
<i>Condition of test item at delivery:</i>			
Prüfört:	Shenzhen Accurate Technology Co., Ltd.		
<i>Testing location:</i>	(details refer to clause 2.1)		
Prüfgrundlage:	FCC CFR47 Part 15: Subpart C Section 15.247		
<i>Test specification:</i>	FCC CFR47 Part 15: Subpart C Section 15.207		
	FCC CFR47 Part 15: Subpart C Section 15.209		
	RSS-210 Issue 8 December 2010		
	RSS-Gen Issue 3 December 2010		
	RSS-102 Issue 4 March 2010		
Prüfergebnis:	Der Prüfgegenstand entspricht oben genannter Prüfgrundlage(n).		
<i>Test Result:</i>	The test item passed the test specification(s).		
Prüflaboratorium:	TÜV Rheinland (Shenzhen) Co., Ltd.		
<i>Testing Laboratory:</i>			
geprüft/ tested by:	kontrolliert/ reviewed by:		
			
2012-07-18	Sam Lin/ Project Manager	2012-07-20	Winnie Hou/ Technical Certifier
Datum	Name/Stellung	Unterschrift	Datum
<i>Date</i>	<i>Name/Position</i>	<i>Signature</i>	<i>Date</i>
			Unterschrift
			<i>Signature</i>
Sonstiges/ Other Aspects:			
Abkürzungen:	P(ass) = entspricht Prüfgrundlage	Abbreviations:	P(ass) = passed
	F(ail) = entspricht nicht Prüfgrundlage		F(ail) = failed
	N/A = nicht anwendbar		N/A = not applicable
	NIT = nicht getestet		NIT = not tested
<p>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.</p> <p><i>This test report relates to the a. m. test item. 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></p>			

TEST SUMMARY

5.1.1 ANTENNA REQUIREMENT*RESULT: Passed***5.1.2 PEAK OUTPUT POWER***RESULT: Passed***5.1.3 20DB BANDWIDTH***RESULT: Passed***5.1.4 99% BANDWIDTH***RESULT: Passed***5.1.5 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100KHZ BANDWIDTH***RESULT: Passed***5.1.6 SPURIOUS EMISSION***RESULT: Passed***5.1.7 FREQUENCY SEPARATION***RESULT: Passed***5.1.8 NUMBER OF HOPPING FREQUENCY***RESULT: Passed***5.1.9 TIME OF OCCUPANCY***RESULT: Passed***5.1.10 CONDUCTED EMISSIONS***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	10
4.1	PRINCIPLE OF CONFIGURATION SELECTION.....	10
4.2	TEST OPERATION AND TEST SOFTWARE	10
4.3	SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT	10
4.4	COUNTERMEASURES TO ACHIEVE EMC COMPLIANCE.....	11
4.5	TEST SETUP DIAGRAM	11
5.	TEST RESULTS	13
5.1	TRANSMITTER REQUIREMENT & TEST SUITES	13
5.1.1	<i>Antenna Requirement.....</i>	13
5.1.2	<i>Peak Output Power.....</i>	14
5.1.3	<i>20dB Bandwidth.....</i>	15
5.1.4	<i>99% Bandwidth.....</i>	19
5.1.5	<i>Conducted spurious emissions measured in 100kHz Bandwidth.....</i>	23
5.1.6	<i>Spurious Emission.....</i>	32
5.1.7	<i>Frequency Separation.....</i>	33
5.1.8	<i>Number of hopping frequency.....</i>	36
5.1.9	<i>Time of Occupancy.....</i>	38
5.1.10	<i>Conducted emissions.....</i>	49
6.	SAFETY HUMAN EXPOSURE	50
6.1	RADIO FREQUENCY EXPOSURE COMPLIANCE.....	50
6.1.1	<i>Electromagnetic Fields.....</i>	50
7.	PHOTOGRAPHS OF THE TEST SET-UP	51
8.	LIST OF TABLES	54

9.	LIST OF PHOTOGRAPHS	54
-----------	----------------------------------	-----------

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

Shenzhen Accurate Technology Co., Ltd.

F1, Bldg. A, Changyuan New Material Port, Keyuan Rd., Science & Industry Park Nanshan District, Shenzhen 518057, P.R. China

FCC Registration No.: 752051

Test site Industry Canada No.: 5077A

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 emission and Radiated emission				
Spectrum Analyzer	Agilent	E7405A	MY45115511	2013-01-07
Test Receiver	Rohde & Schwarz	ESCS30	100307	2013-01-07
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	2013-01-07
Loop Antenna	Schwarzbeck	FMZB1516	1516131	2013-01-07
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	2013-01-07
50 Coaxial Switch	Anritsu Corp	MP59B	6200506474	2013-01-07
Pre-Amplifier	Rohde & Schwarz	CBLU11835 40-01	3791	2013-01-07
Radio Test Suite				
Receiver	Rohde & Schwarz	ESPI	100396/003	2013-01-07
Conducted Emission				
Test Receiver	Rohde & Schwarz	ESCS30	100307	2013-01-07
Artificial Mains Network	Schwarzbeck	NLSK8126	8126431	2013-01-07

2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, 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 Shenzhen Accurate Technology Co., Ltd. test facility located at F1, Bldg. A, Changyuan New Material Port, Keyuan Rd., Science & Industry Park Nanshan District, Shenzhen 518057, 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 Bluetooth music receiver which wirelessly stream music from you iPhone, iPad, or other Bluetooth-enabled device to your home stereo or other audio device. Both models are identical in function, circuit design and components employed, except different enclosure. For details refer to the User Manual and Circuit Diagram.

3.2 Ratings and System Details

Table 2: Rating of EUT

Kind of Equipment:	Bluetooth Music Receiver
Type Designation:	RF-BTR212, BTR-1200
FCC ID	BY4BTR212
IC	3780A-BTR212

Table 3: Technical Specification of EUT

Technical Specification	Value
Operating Frequency band	2402 – 2480 MHz
Channel separation	1MHz
Extreme Temperature Range	-10°C to +55°C
Operation Voltage	DC 5V (via AC/DC Adapter)
Modulation	FHSS, GFSK, 8PSK, $\pi / 4$ DQPSK
Antenna Type	Internal Antenna, Non-User Replaceable
Antenna Gain	-3.7dBi
RF Output Power	0.00114W (0.55dBm)

Table 4: Frequency hopping information

Technical Specification	Description
Hopping Range	<p>Hereby we declare that the maximum frequency of this device is: 2402-2480MHz. This is according the Bluetooth Core Specification V2.1+EDR for devices which will be operated in the USA. This was checked during the Bluetooth Qualification tests (Test Case: TRM/CA/04-E).</p>
Hopping Sequence	<p>Example of a 79 hopping sequence in data mode:</p> <p>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,</p>
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. Standby
- C. Receiving
- D. Off

Prüfbericht - Nr.: 17026608 001*Test Report No.***Seite 9 von 54***Page 9 of 54*

3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.5 Submitted Documents

- Bill of Material
- PCB Layout
- Photo Document
- Technical Description
- 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. All testing were performed according to the procedures in ANSI C63.4: 2003.

Due to models' differences indicated in clause 3.1, full test was applied on model RF-BTR212.

4.3 Special Accessories and Auxiliary Equipment

The EUT was tested with following accessories

Description	Manufacturer	Type	Rating
AC/DC Adapter	Rocketfish	S004LU0500060	Input: AC100-240V 50/60Hz 150mA Output: DC5V 600mA

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

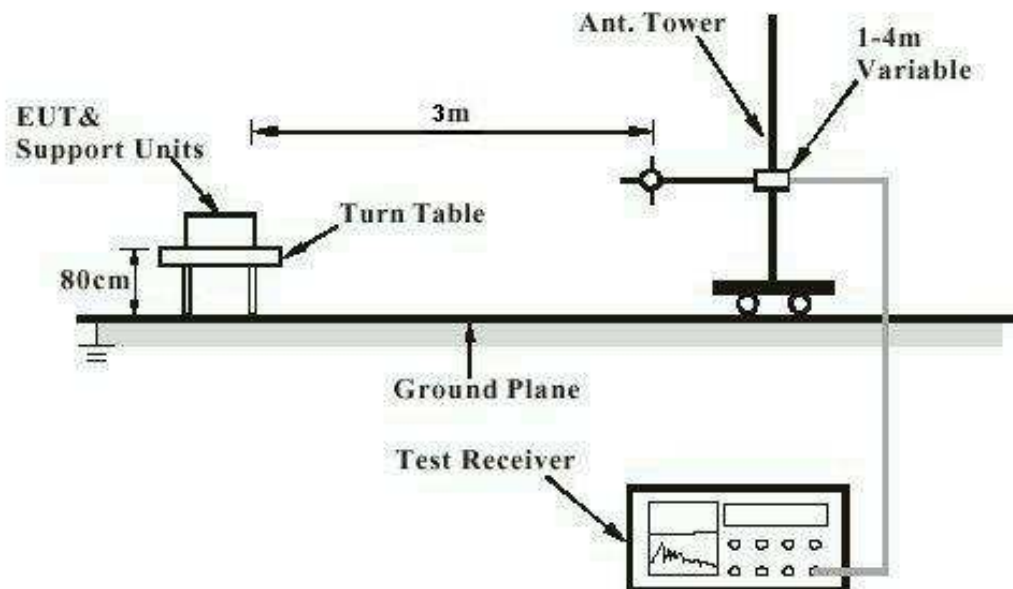


Diagram of Measurement Equipment Configuration for Mains Conduction Measurement

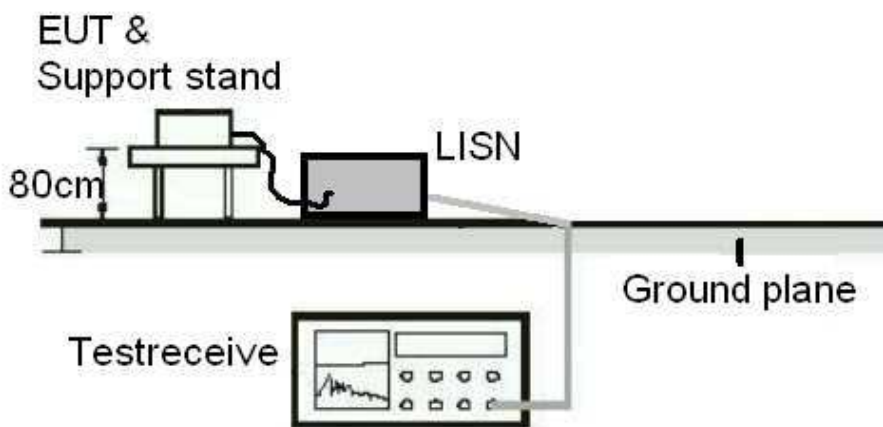
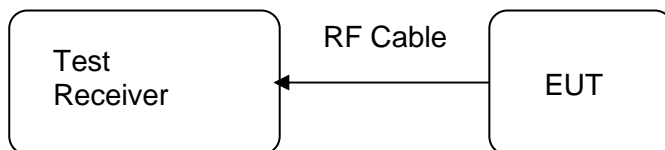


Diagram of Measurement Equipment Configuration for Conducted Transmitter Measurement



5. Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:**Passed**

Test date	:	2012-07-02
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 0dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision.

Refer to EUT photo for details.

5.1.2 Peak Output Power

RESULT:
Passed

Test date : 2012-07-03
 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 : 22°C
 Relative humidity : 53%
 Atmospheric pressure : 101 kPa

Table 5: Test result of Peak Output Power, GFSK modulation

Channel	Channel Frequency (MHz)	Peak Output Power		Limit (W)
		(dBm)	(W)	
Low Channel	2402	0.55	0.00114	0.125
Middle Channel	2441	0.53	0.00113	0.125
High Channel	2480	-0.43	0.00091	0.125

Remark: RBW is 1MHz

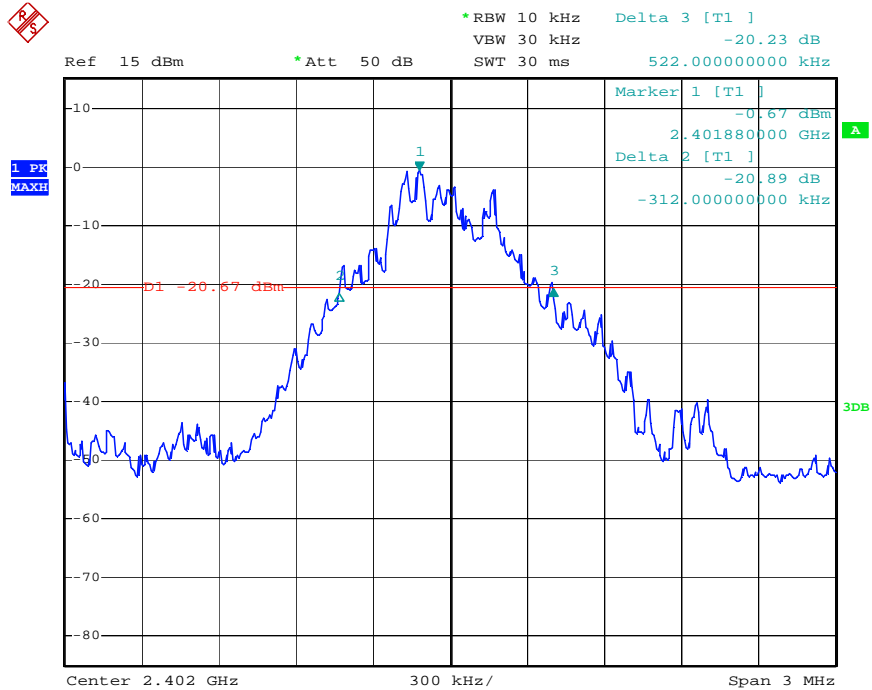
Table 6: Test result of Peak Output Power, 8DPSK modulation

Channel	Channel Frequency (MHz)	Peak Output Power		Limit (W)
		(dBm)	(W)	
Low Channel	2402	-1.07	0.00078	0.125
Middle Channel	2441	-0.24	0.00095	0.125
High Channel	2480	-0.52	0.00089	0.125

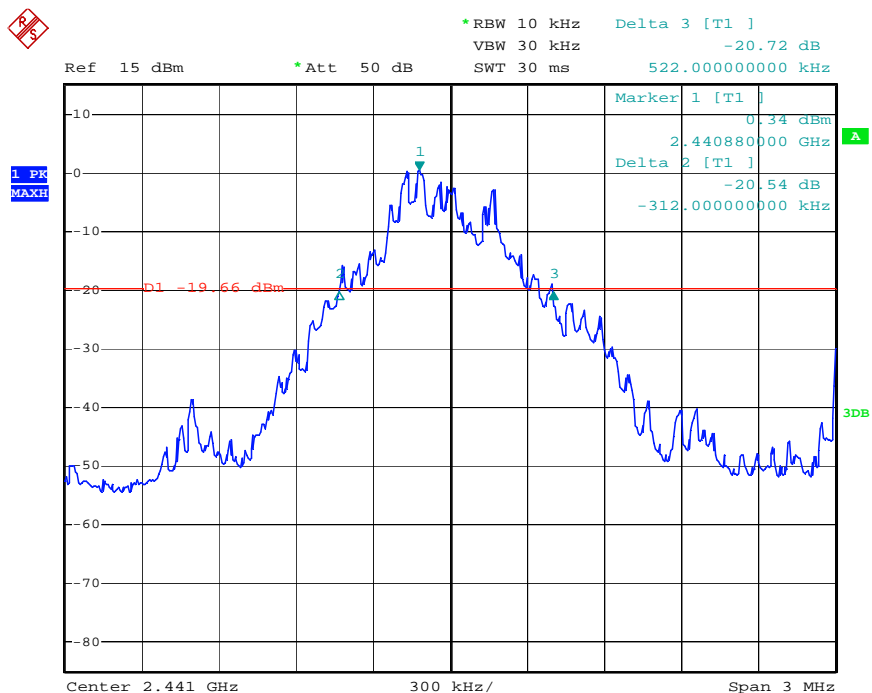
Remark: RBW is 3MHz

Test Plot of 20dB Bandwidth, GFSK modulation

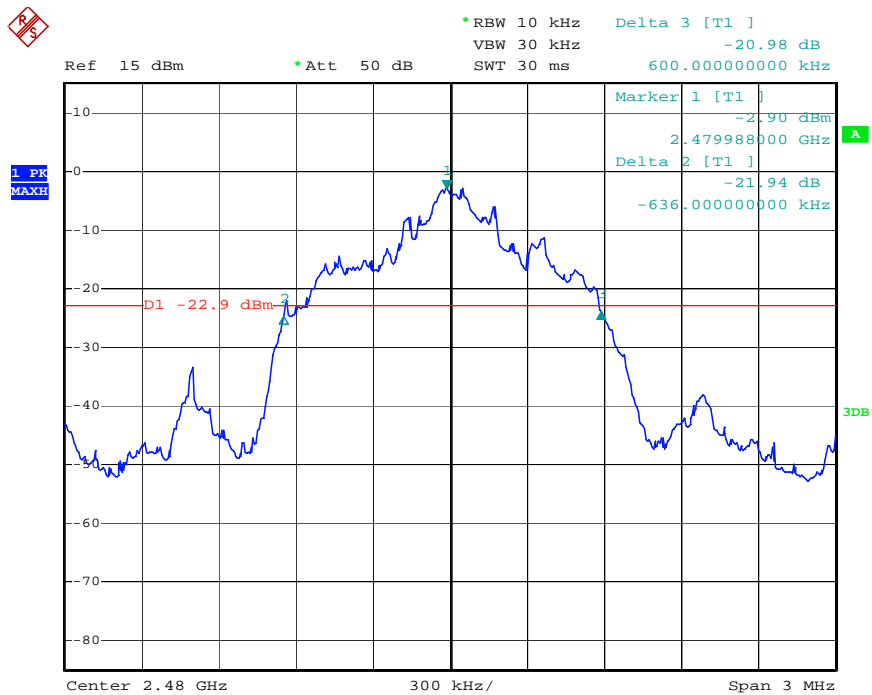
Low Channel



Middle Channel



High Channel

Test Plot of 20dB Bandwidth, 8DPSK modulation
Low Channel


Middle Channel

High Channel


5.1.4 99% Bandwidth

RESULT:
Passed

Date of testing : 2012-07-02
 Test standard : RSS-Gen clause 4.6.1
 Basic standard : ANSI C63.4: 2003
 Kind of test site : Shielded room

Test setup

Test Channel : Low/ Middle/ High
 Operation Mode : A
 Ambient temperature : 22°C
 Relative humidity : 52%
 Atmospheric pressure : 101 kPa

Table 9: Test result of 99% Bandwidth, GFSK Modulation

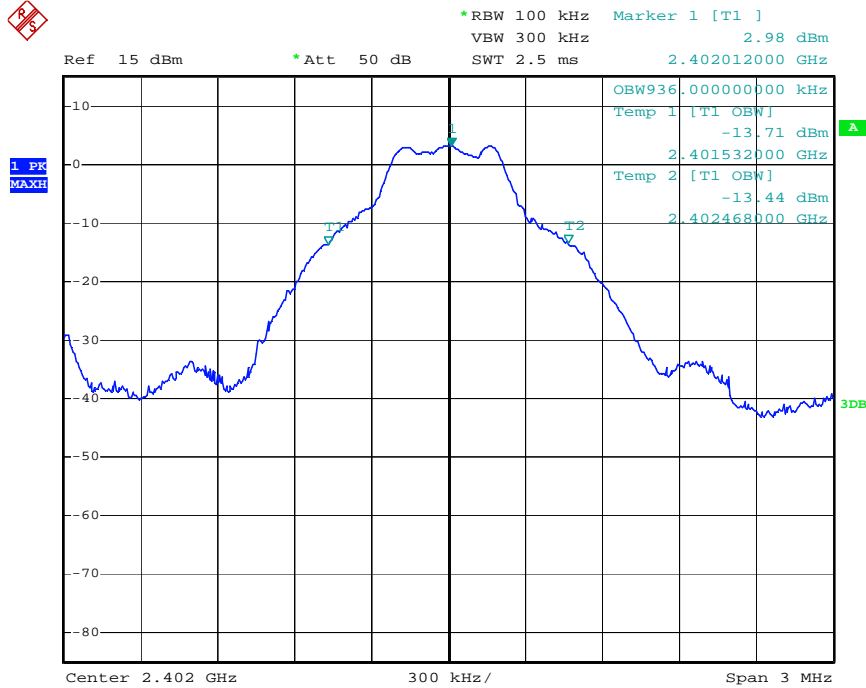
Channel	Channel Frequency (MHz)	99% Bandwidth (kHz)	Limit (MHz)	Result
Low Channel	2402	936	/	Pass
Mid Channel	2441	936	/	Pass
High Channel	2480	942	/	Pass

Table 10: Test result of 99% Bandwidth, 8DPSK Modulation

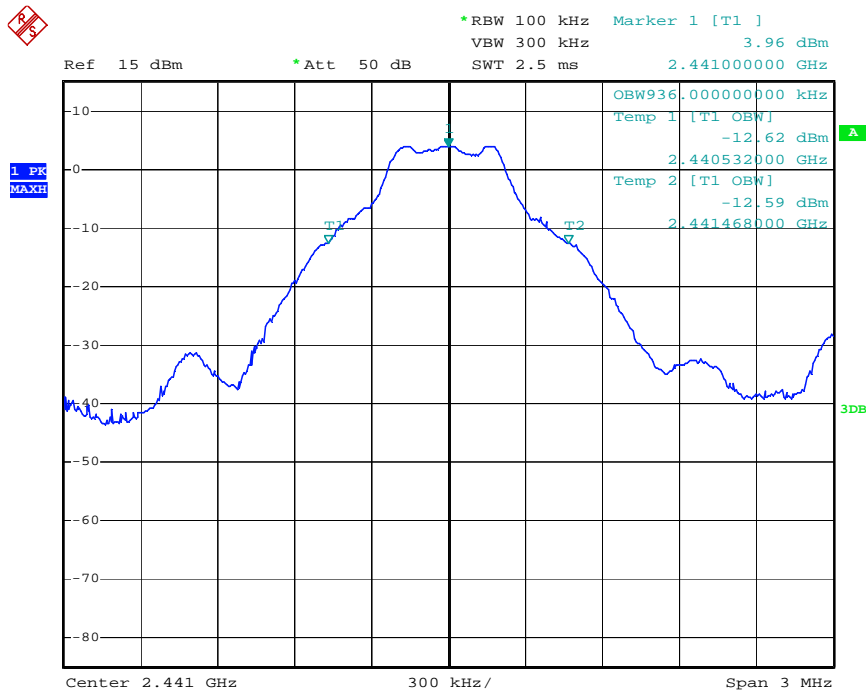
Channel	Channel Frequency (MHz)	99% Bandwidth (kHz)	Limit (MHz)	Result
Low Channel	2402	1194	/	Pass
Mid Channel	2441	1170	/	Pass
High Channel	2480	1176	/	Pass

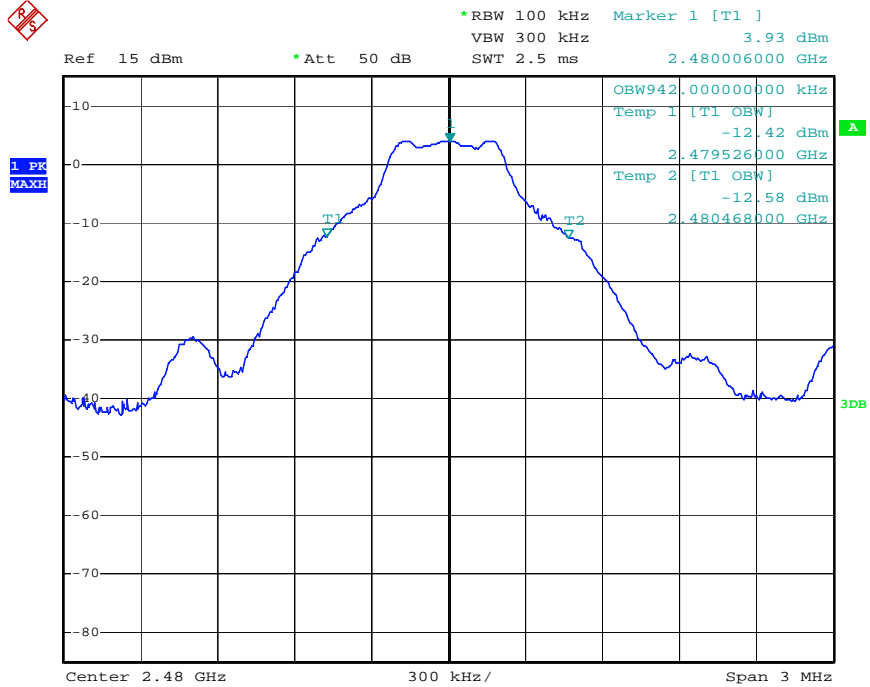
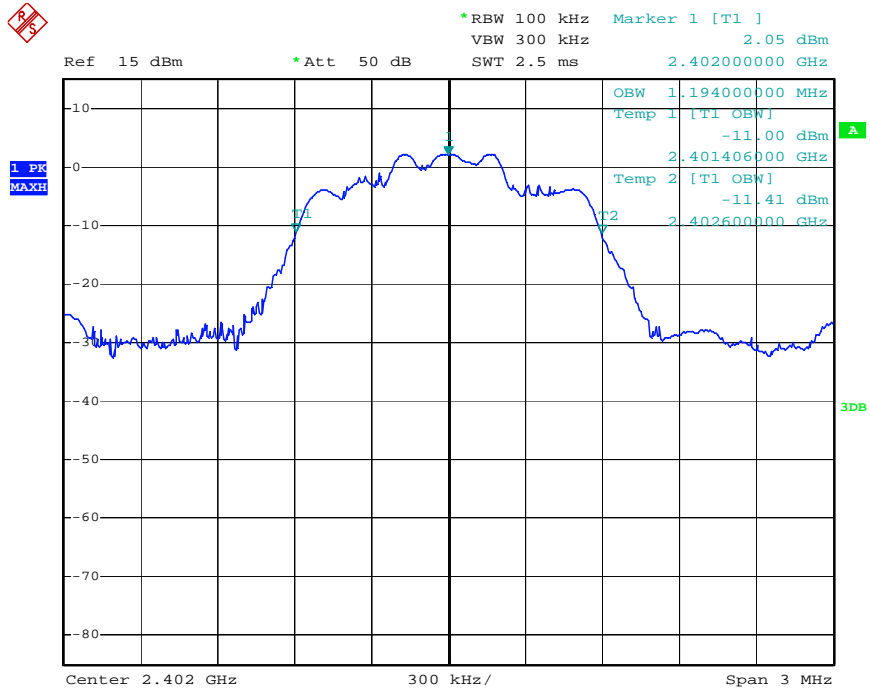
Test Plot of 99% Bandwidth, GFSK Modulation

Low Channel



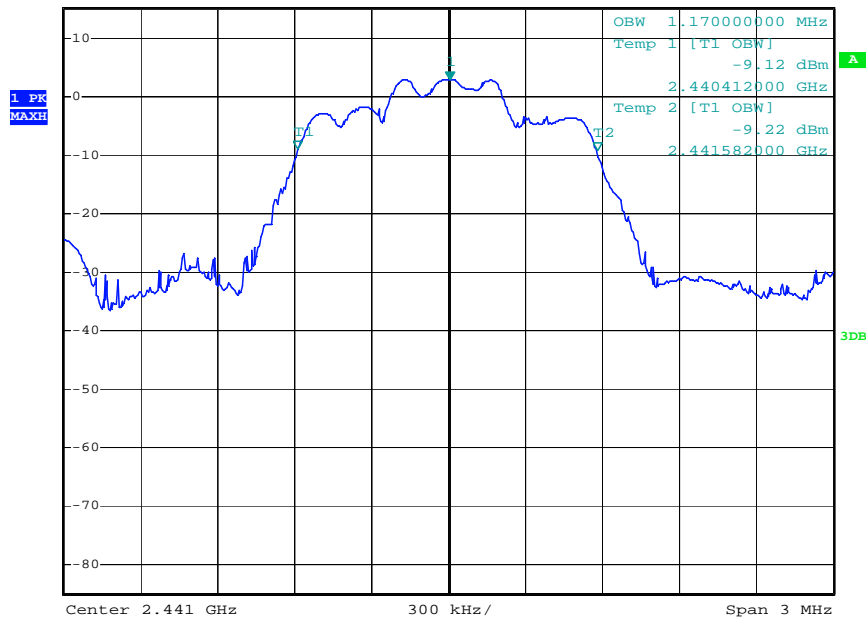
Middle Channel



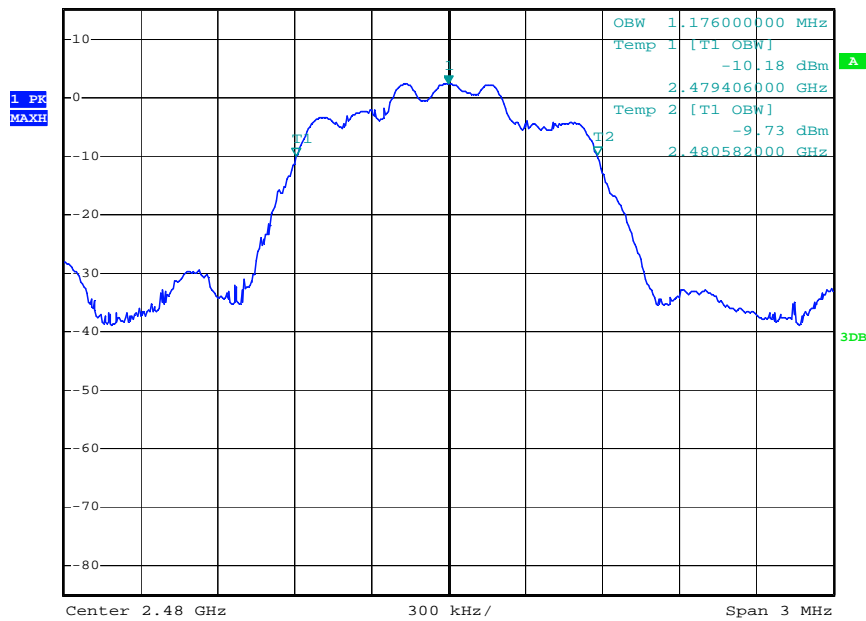
High Channel

Test Plot of 99% Bandwidth, GFSK Modulation
Low Channel


Middle Channel


*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz 2.74 dBm
 Ref 15 dBm *Att 50 dB 2.441006000 GHz
 SWT 2.5 ms


High Channel


*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz 2.16 dBm
 Ref 15 dBm *Att 50 dB 2.480000000 GHz
 SWT 2.5 ms



5.1.5 Conducted spurious emissions measured in 100kHz Bandwidth

RESULT:**Passed**

Date of testing	:	2012-07-02
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

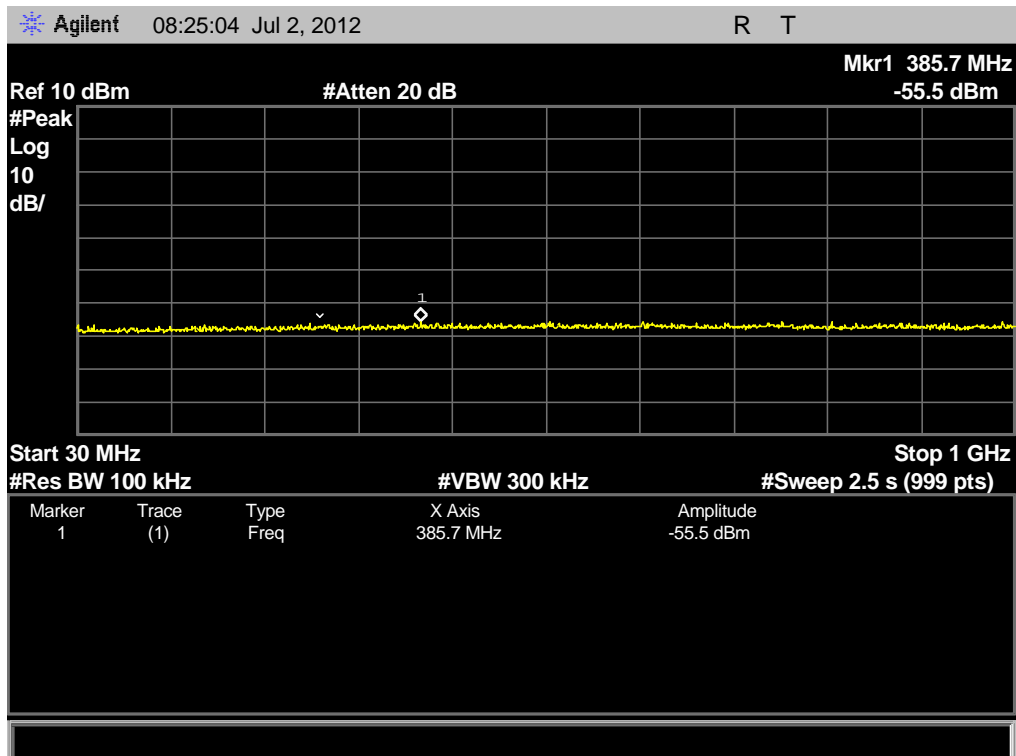
Test setup

Test Channel	:	Low/ High
Operation mode	:	A
Ambient temperature	:	22°C
Relative humidity	:	52%
Atmospheric pressure	:	101 kPa

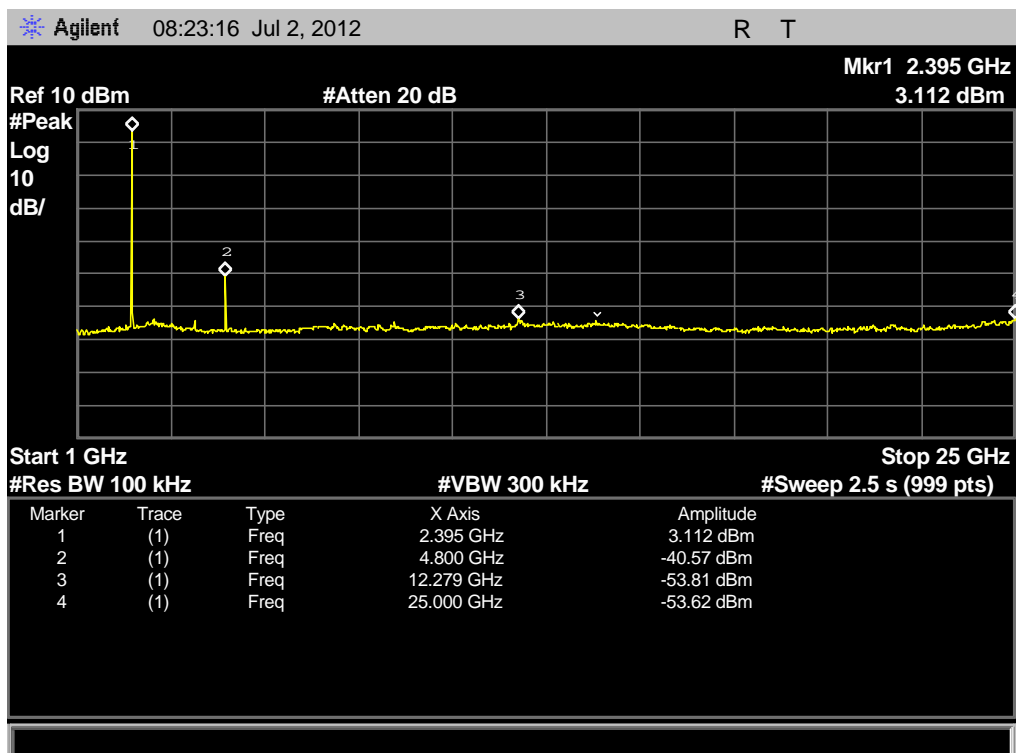
All emissions are more than 50dB below fundamental, details refer to following test plot, and compliance is achieved as well.

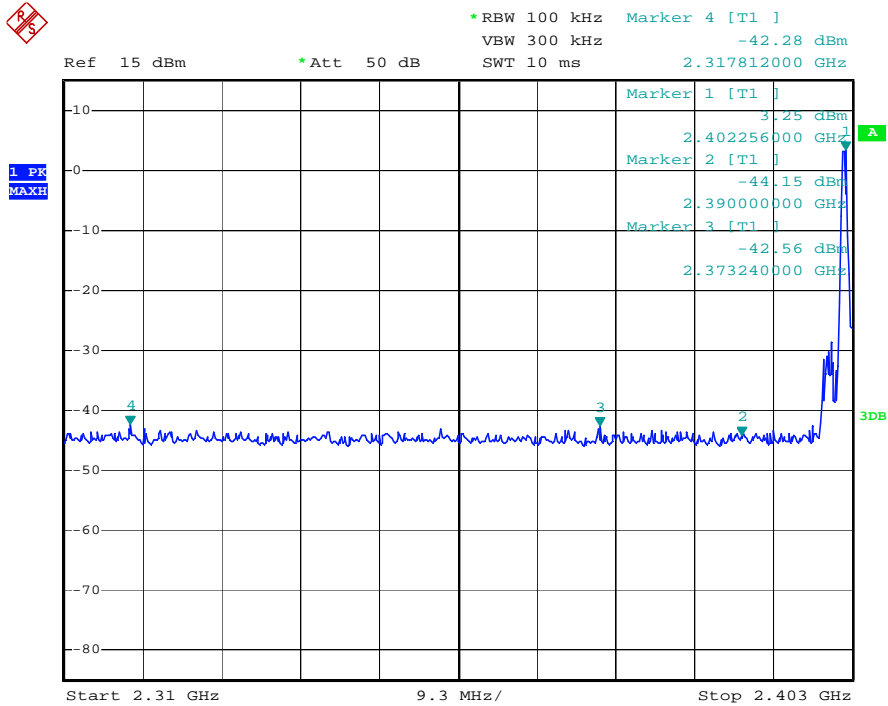
Test Plot of 100kHz Bandwidth of Frequency Band Edge, GFSK modulation

Low Channel, below 1GHz

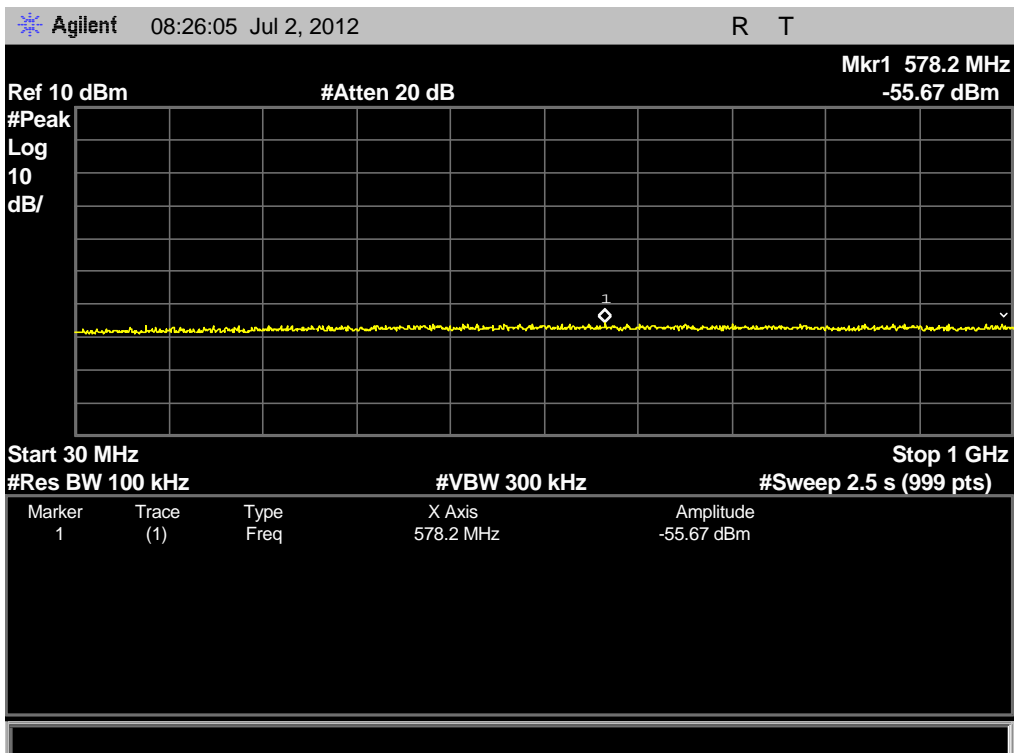


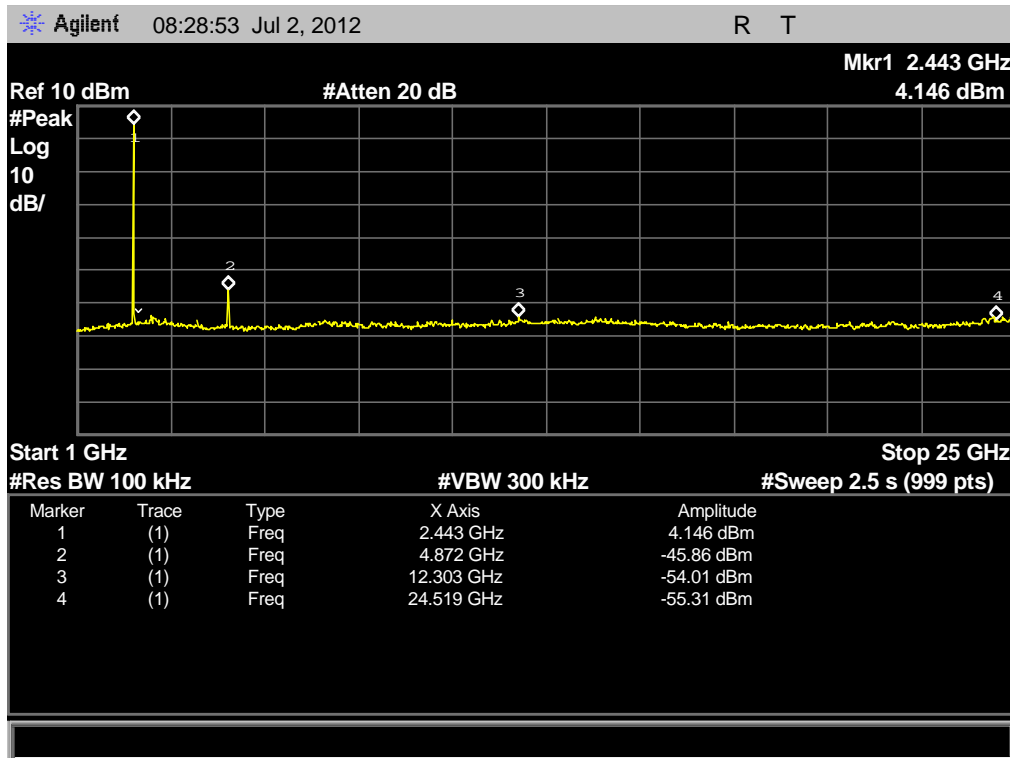
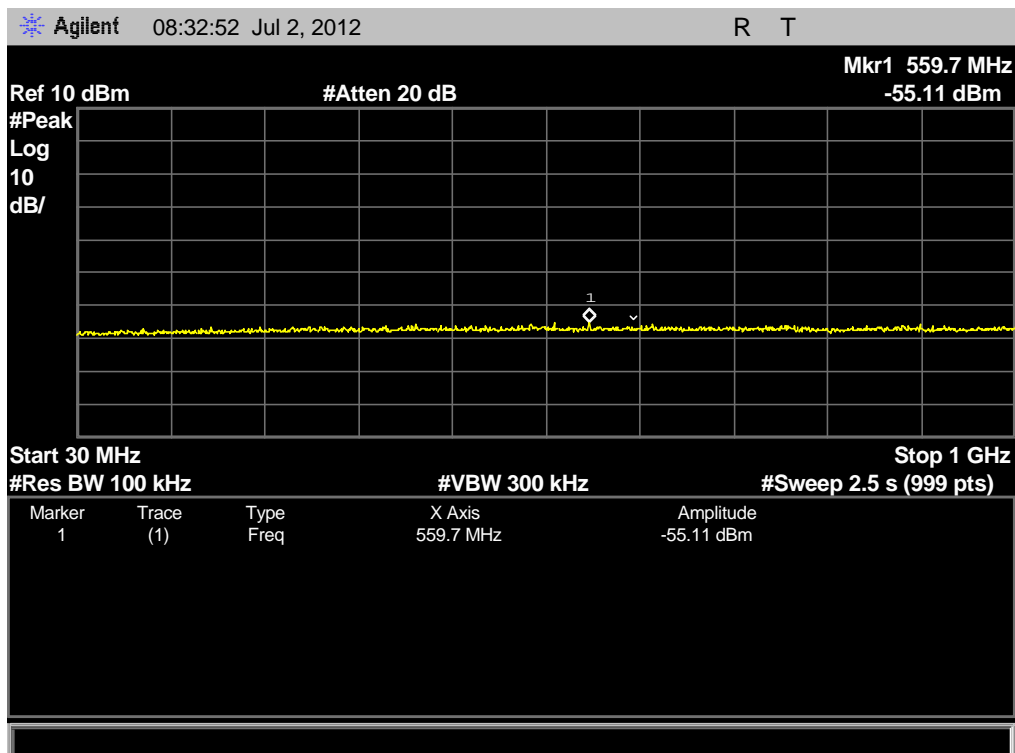
Low Channel, above 1GHz

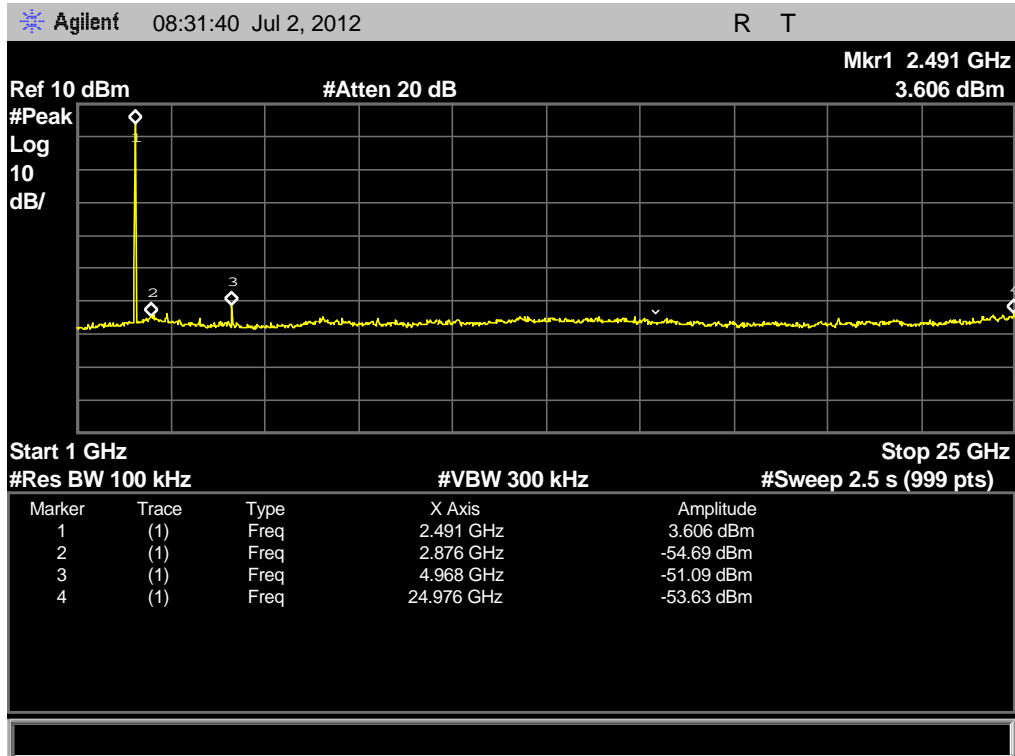
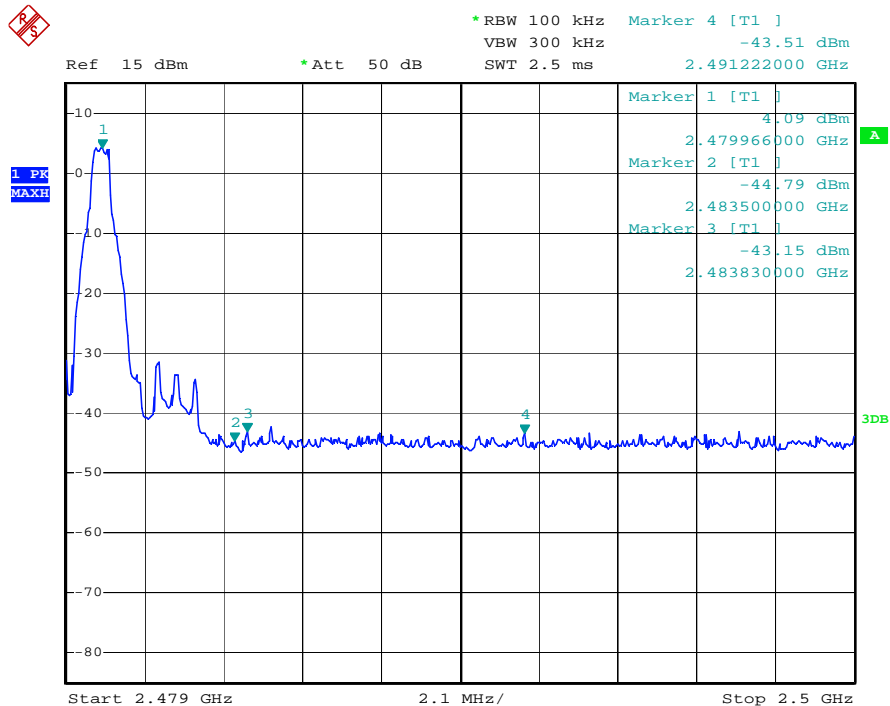


Low Channel, Band Edge


Date: 2.JUL.2012 10:56:19

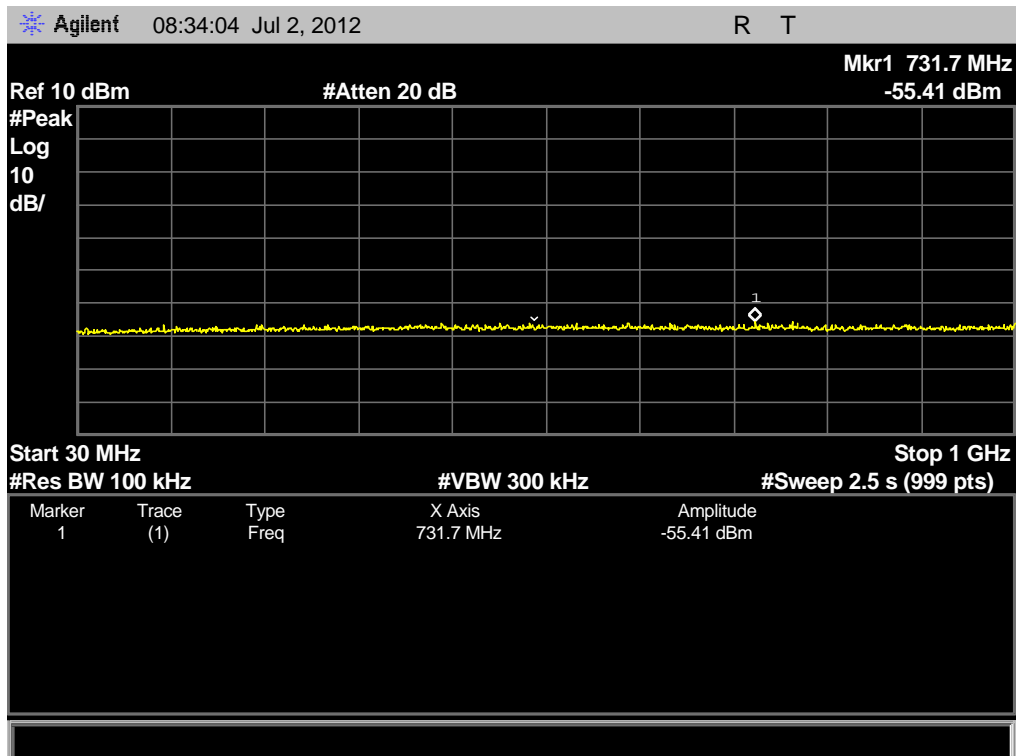
Middle Channel, below 1GHz


Middle Channel, above 1GHz

High Channel, below 1GHz


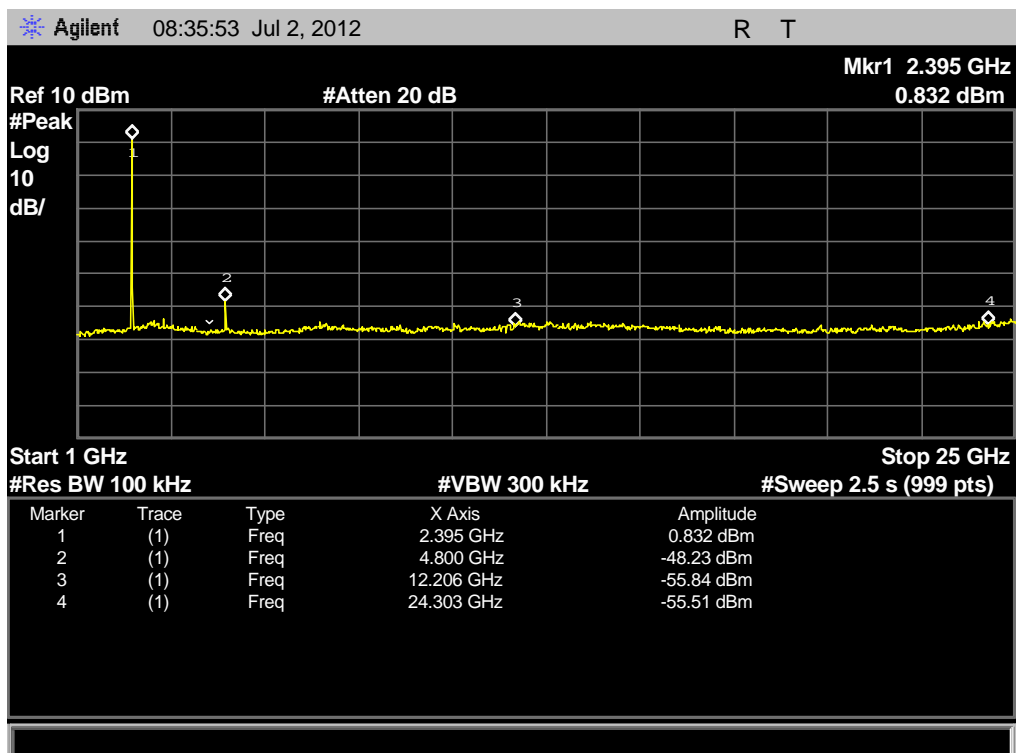
High Channel, above 1GHz

High Channel, Band Edge


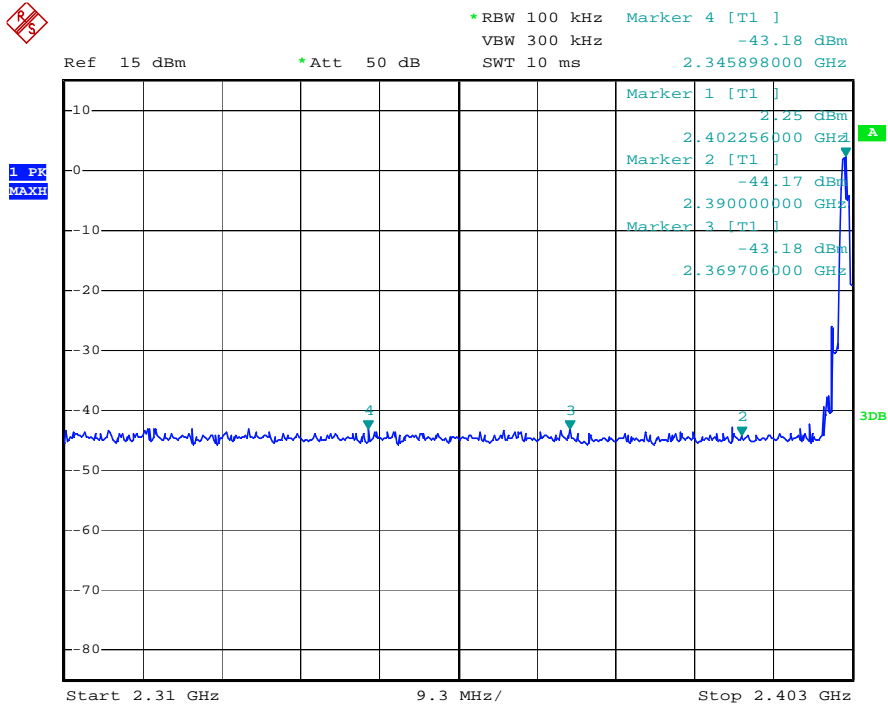
Test Plot of 100kHz Bandwidth of Frequency Band Edge, 8DPSK modulation

Low Channel, below 1GHz

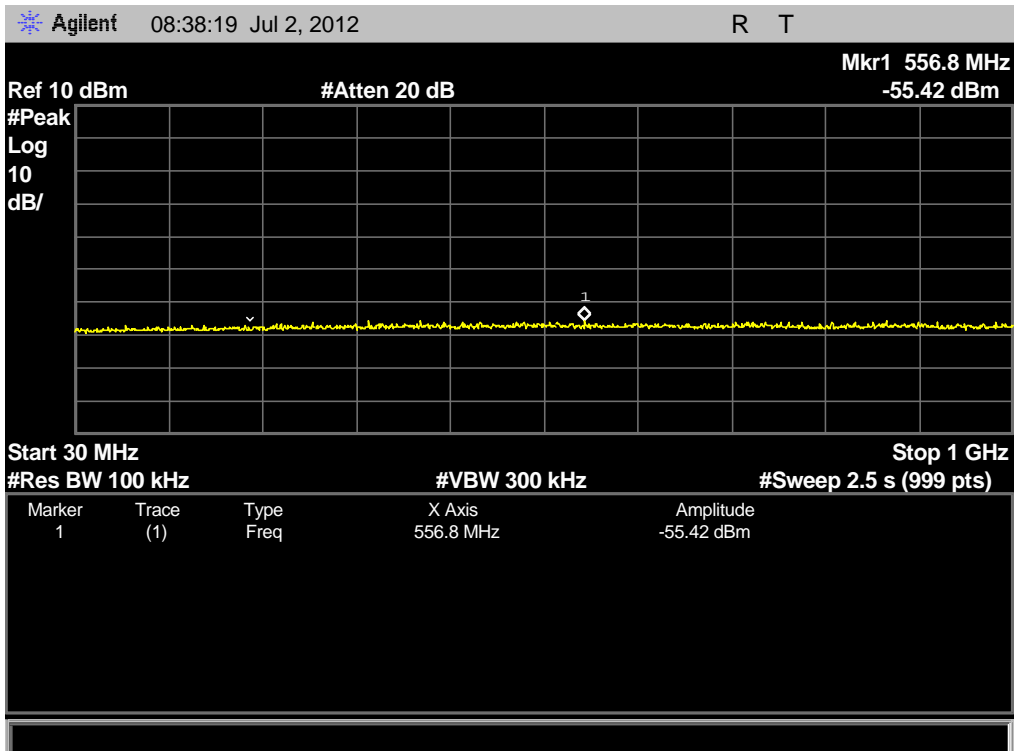


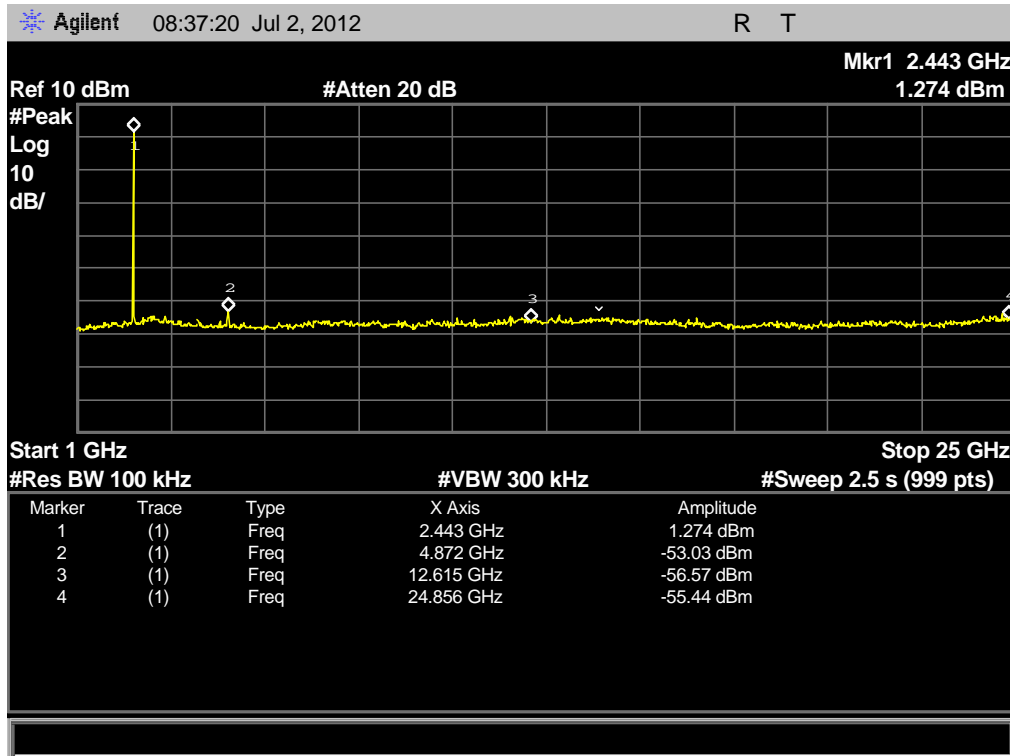
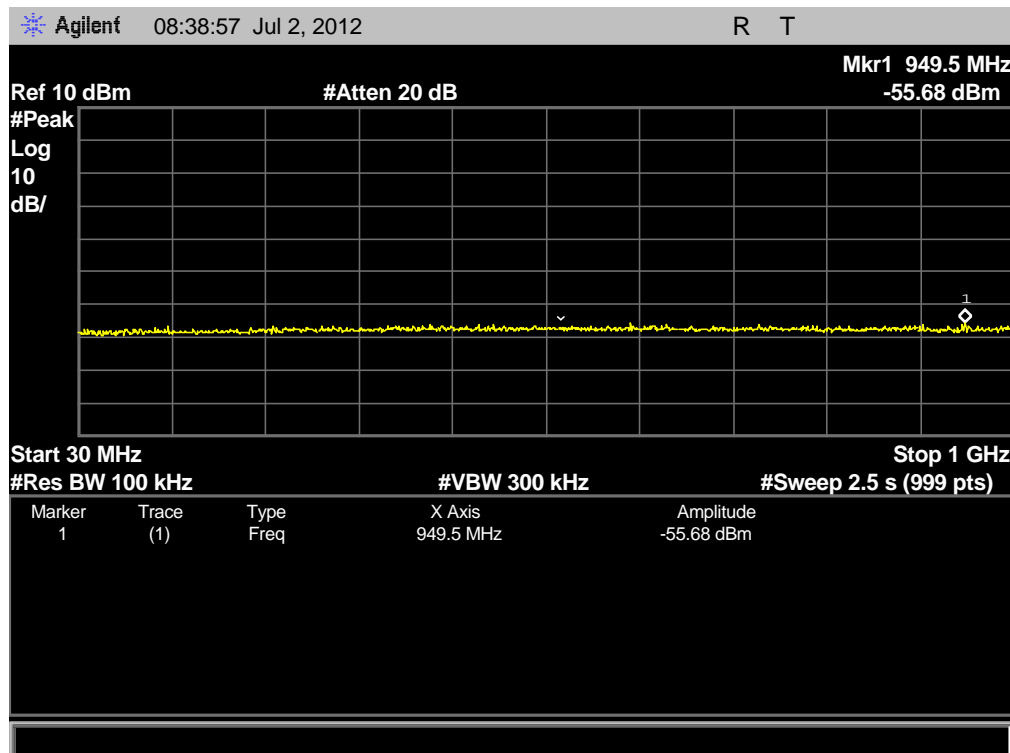
Low Channel, above 1GHz

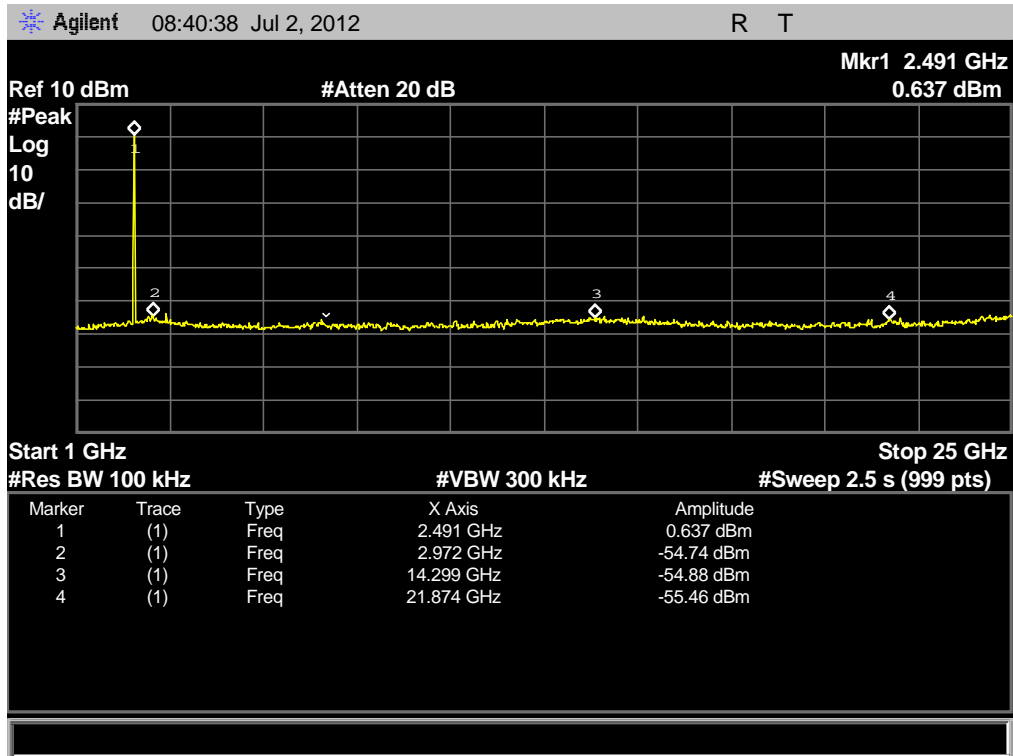
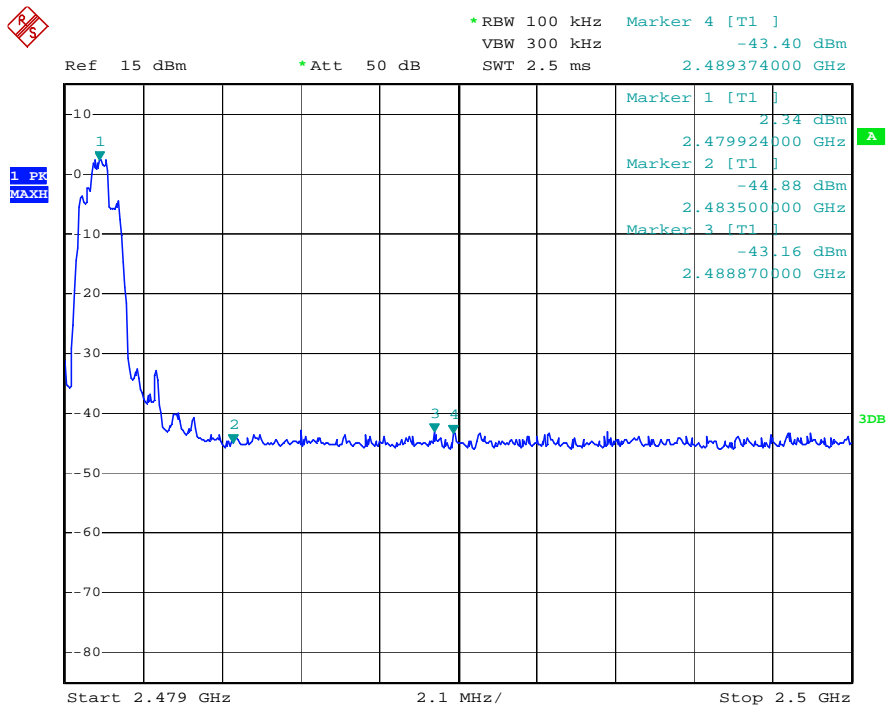


Low Channel, Band Edge


Date: 2.JUL.2012 10:54:45

Middle Channel, below 1GHz


Middle Channel, above 1GHz

High Channel, below 1GHz


High Channel, above 1GHz

High Channel, Band Edge


5.1.6 Spurious Emission

RESULT:**Passed**

Date of testing	:	2012-07-01 to 2012-07-09
Test standard	:	FCC part 15.247(d) FCC Part 15.205 RSS-210 Clause 2.2
Basic standard	:	ANSI C63.4: 2003
Limits	:	Refer to 15.209(a) of FCC part 15.247(d) Refer to RSS-210 Table 2
Kind of test site	:	3m Semi-Anechoic Chamber

Test setup

Test Channel	:	Low/ Middle/ High
Operation mode	:	A, C
Ambient temperature	:	24°C
Relative humidity	:	48%
Atmospheric pressure	:	101 kPa

Remark:

During the pretest the EUT was rotated through three orthogonal axes to determine the attitude that maximizes the emissions. After that the EUT was manually handled to find the orientation that has the maximum emission, which is the orientation shown in the test setup photos.

Testing was carried out within frequency range 9kHz to the tenth harmonics.

For details refer to Appendix 1.

5.1.7 Frequency Separation

RESULT:
Passed

Date of testing : 2012-07-02
 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 $2/3$ of 20dB bandwidth, whichever is greater

Test setup

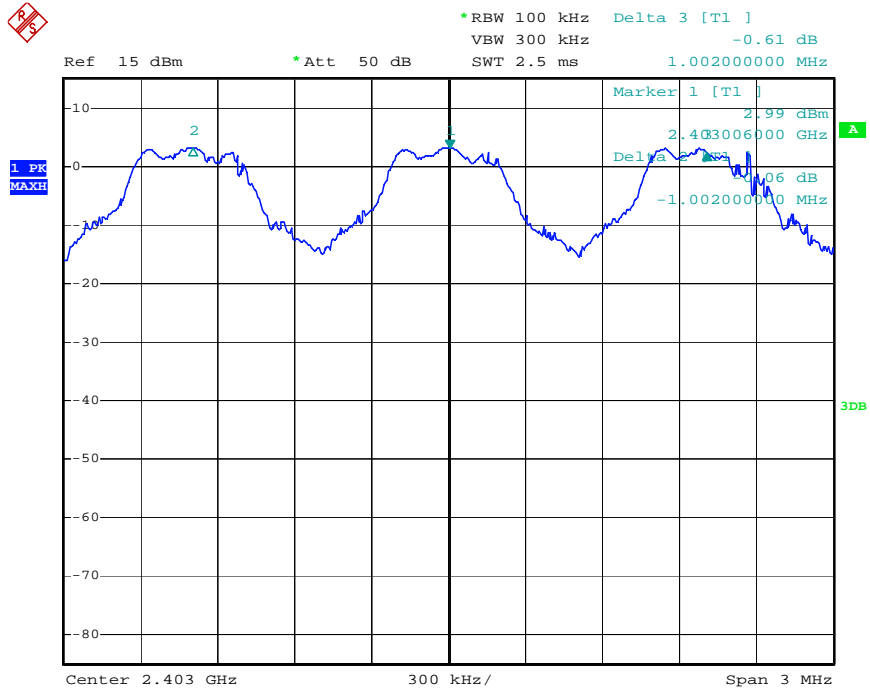
Test Channel : Low/ Middle/ High
 Operation Mode : A
 Ambient temperature : 22°C
 Relative humidity : 52%
 Atmospheric pressure : 101 kPa

Table 11: Test result of Frequency Separation

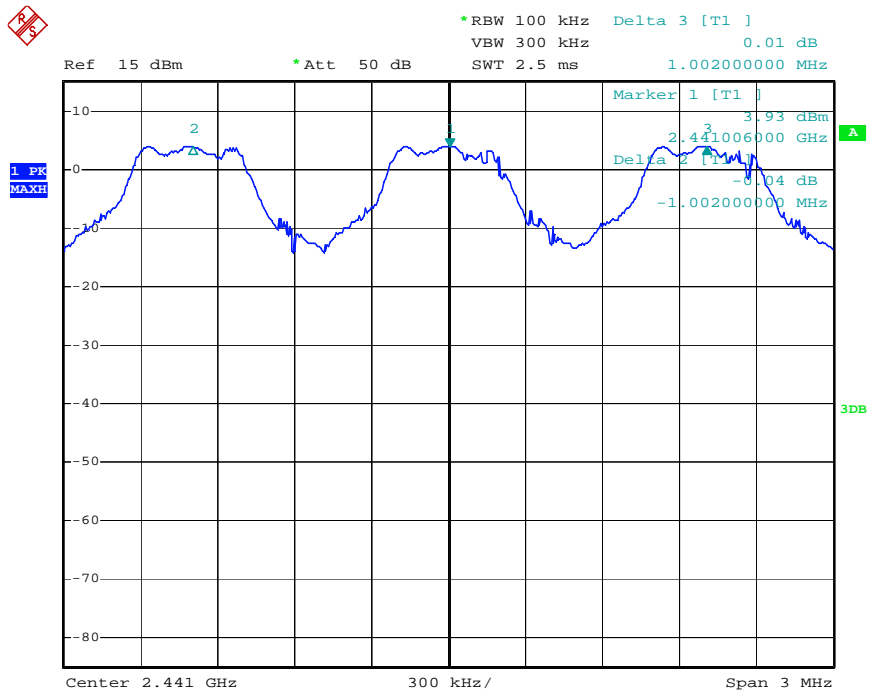
Channel	Channel Frequency (MHz)	Measured Channel Separation (MHz)	Limit (kHz)	Result
Low Channel	2402	1	$\geq 25\text{kHz}$ or $2/3$ of 20dB bandwidth	Pass
Adjacency Channel	2403			
Mid Channel	2441	1	$\geq 25\text{kHz}$ or $2/3$ of 20dB bandwidth	Pass
Adjacency Channel	2442			
High Channel	2480	1	$\geq 25\text{kHz}$ or $2/3$ of 20dB bandwidth	Pass
Adjacency Channel	2479			

Test Plot of Frequency Separation

Low Channel



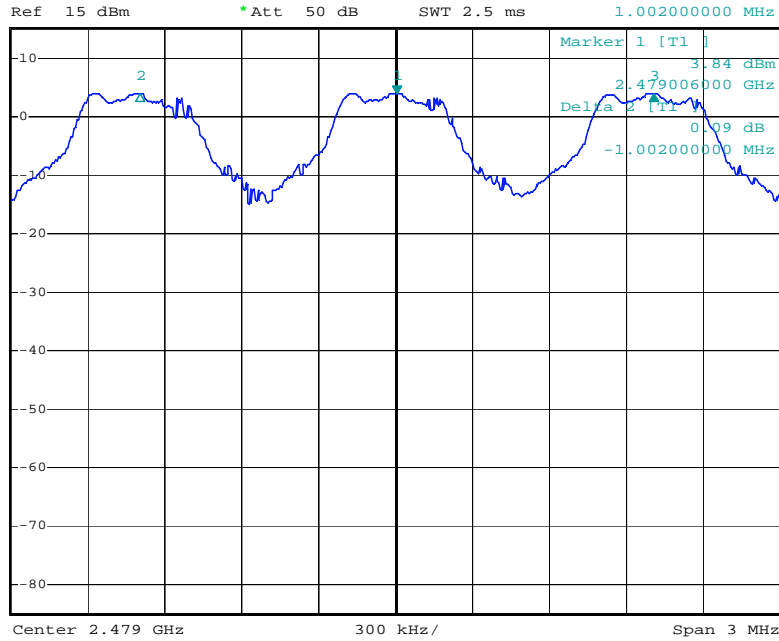
Middle Channel



High Channel



*RBW 100 kHz Delta 3 [T1]
VBW 300 kHz 0.02 dB
SWT 2.5 ms 1.002000000 MHz



5.1.8 Number of hopping frequency

RESULT:**Passed**

Date of testing : 2012-07-02
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

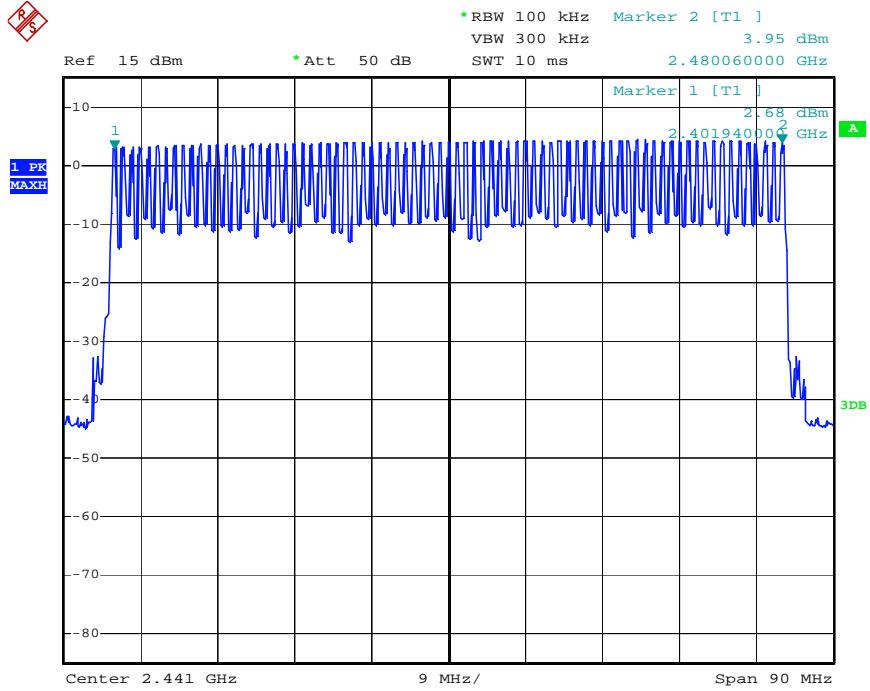
Test setup

Test Channel : Low/ Middle/ High
Operation Mode : A
Ambient temperature : 22°C
Relative humidity : 52%
Atmospheric pressure : 101 kPa

Table 12: 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 Plot of Number of hopping frequencies



5.1.9 Time of Occupancy

RESULT:
Passed

Date of testing : 2011-03-28
 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 : 20°C
 Relative humidity : 50%
 Atmospheric pressure : 101 kPa

Table 13: Test result of Time of Occupancy, GFSK modulation

Channel	Data Mode	Pulse width (ms)	Measured Dwell time (s)	Limit (s)	Result
Low Channel	DH1	0.44	0.14	0.4	Pass
	DH3	1.72	0.28	0.4	Pass
	DH5	3.00	0.32	0.4	Pass
Mid Channel	DH1	0.44	0.14	0.4	Pass
	DH3	1.72	0.28	0.4	Pass
	DH5	3.00	0.32	0.4	Pass
High Channel	DH1	0.44	0.14	0.4	Pass
	DH3	1.72	0.28	0.4	Pass
	DH5	3.00	0.32	0.4	Pass

Table 14: Test result of Time of Occupancy, 8DPSK modulation

Channel	Data Mode	Pulse width (ms)	Measured Dwell time (s)	Limit (s)	Result
Low Channel	DH1	0.45	0.14	0.4	Pass
	DH3	1.72	0.28	0.4	Pass
	DH5	3.00	0.32	0.4	Pass
Mid Channel	DH1	0.45	0.14	0.4	Pass
	DH3	1.72	0.28	0.4	Pass
	DH5	3.00	0.32	0.4	Pass
High Channel	DH1	0.45	0.14	0.4	Pass
	DH3	1.72	0.28	0.4	Pass
	DH5	3.00	0.32	0.4	Pass

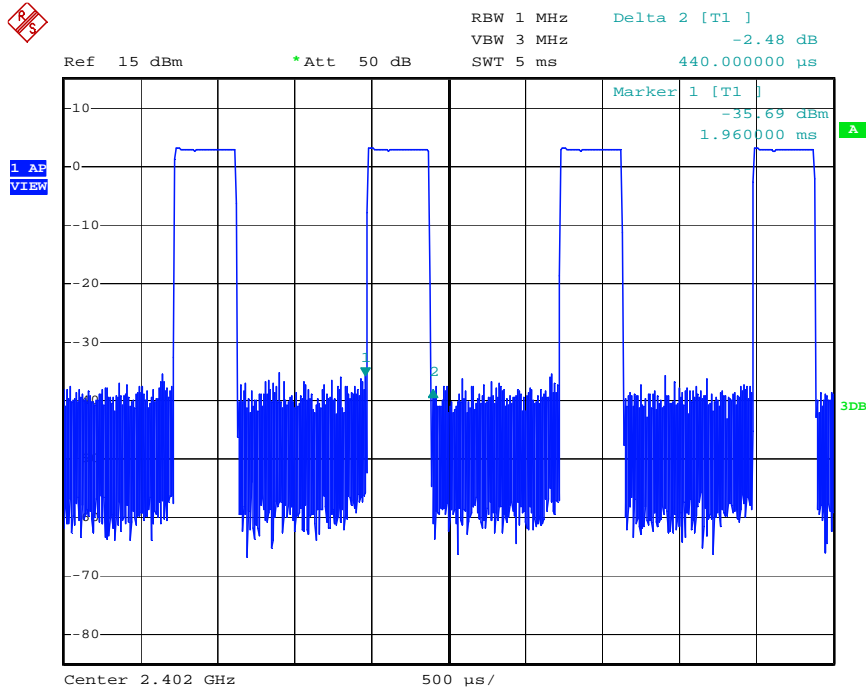
Note:

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

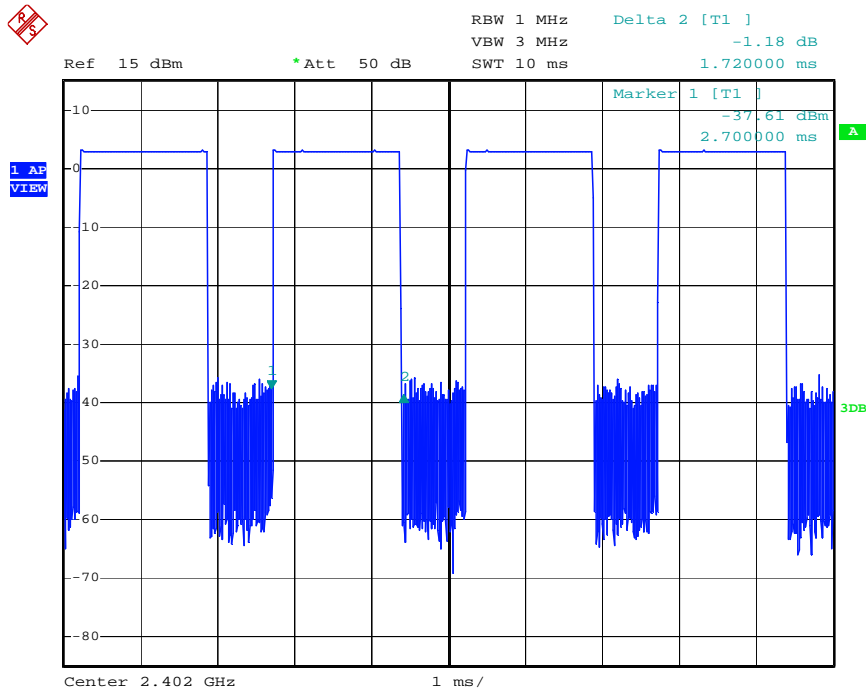
Period = 0.4 (seconds/ channel) x 79 (channel) = 31.6 seconds

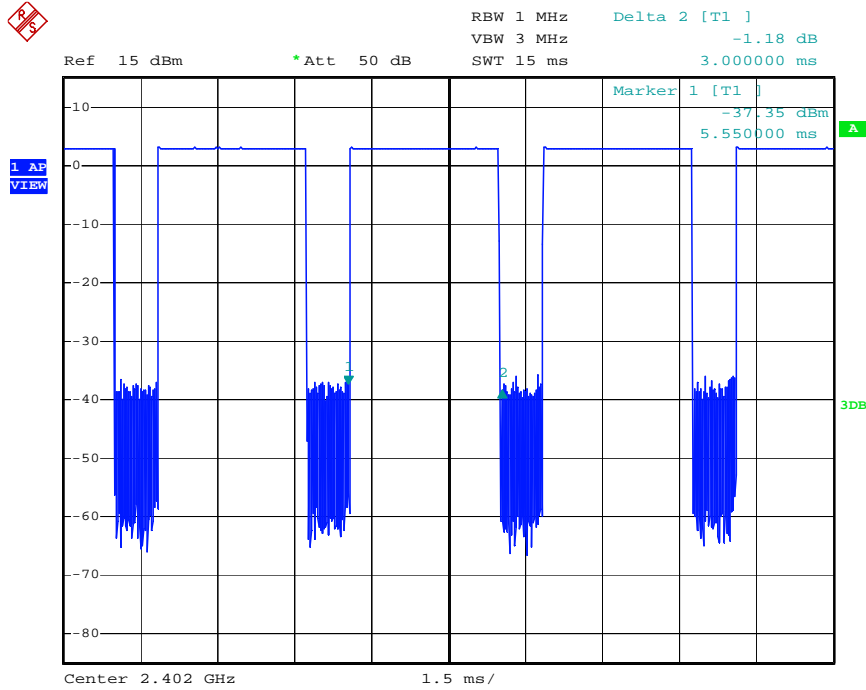
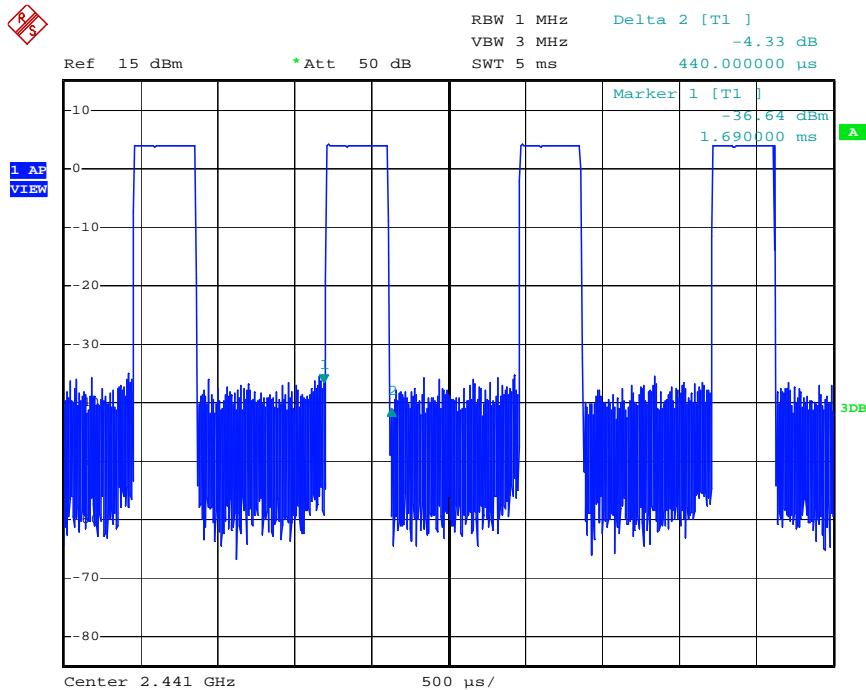
Test Plot of Time of Occupancy, GFSK Modulation

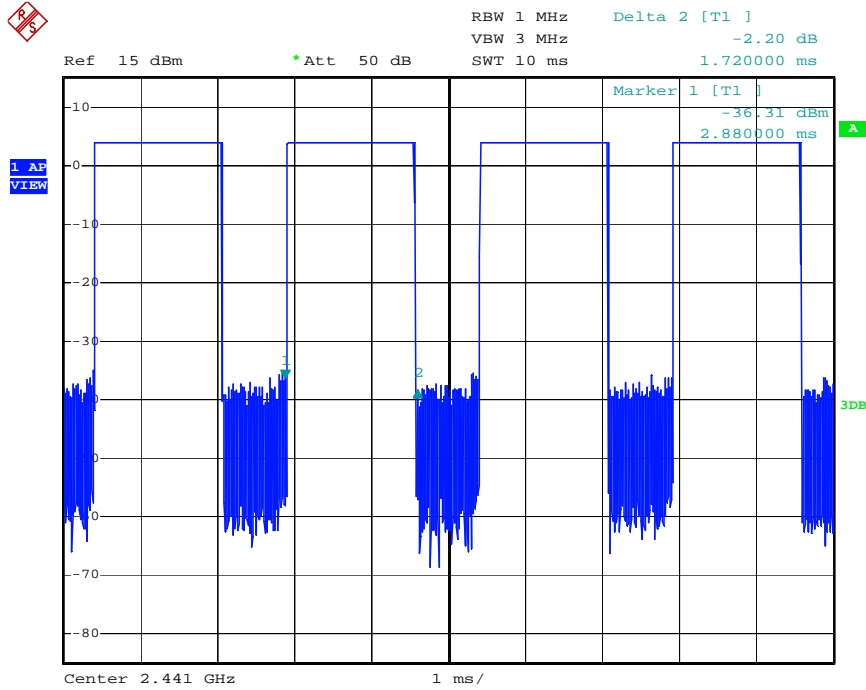
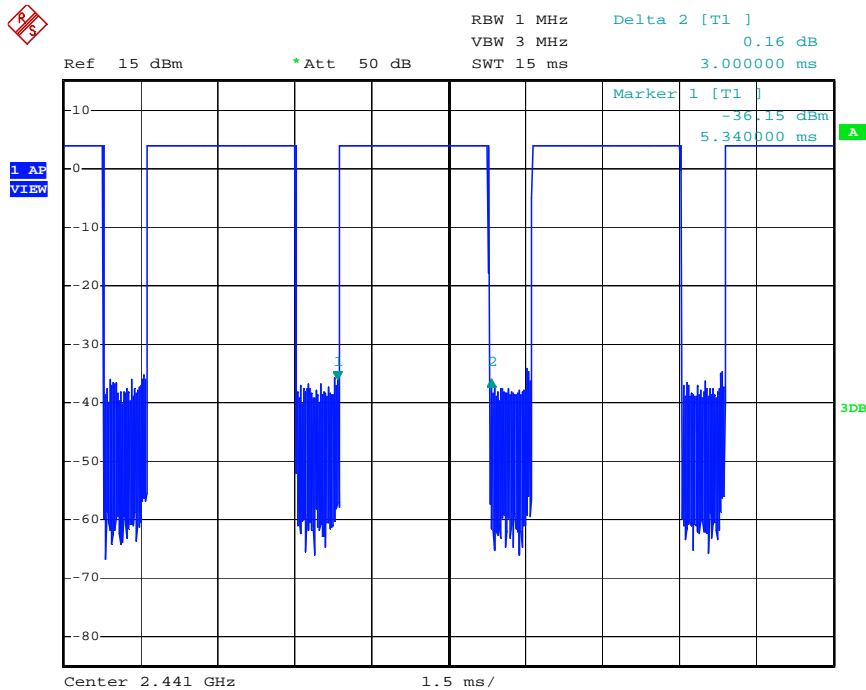
Low Channel- DH1

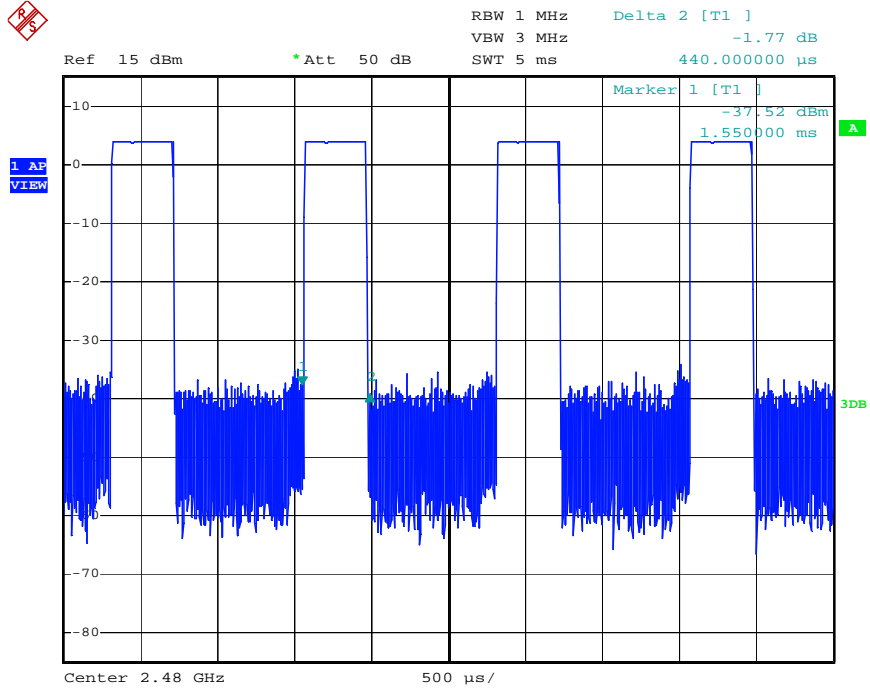
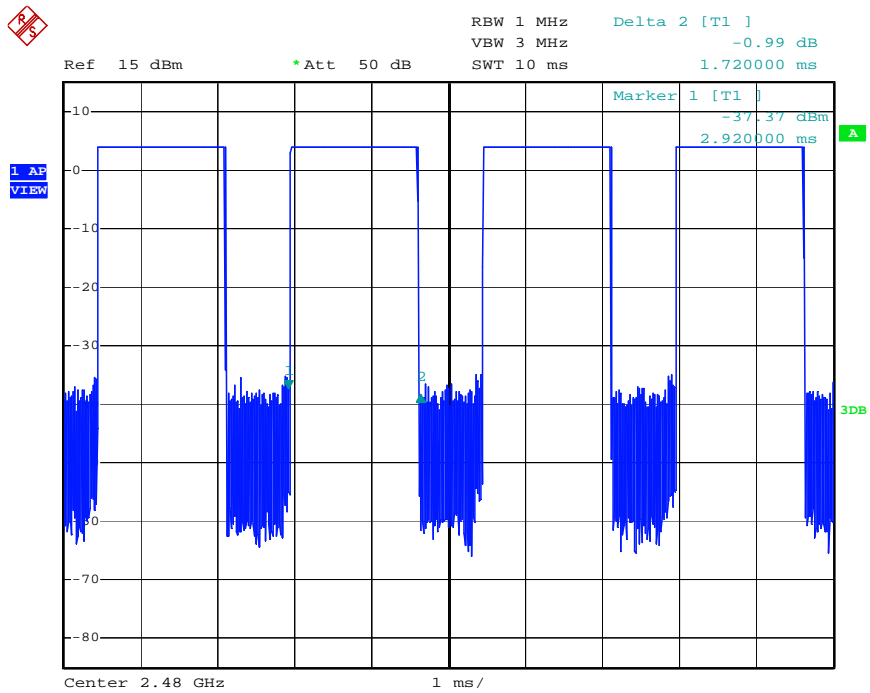


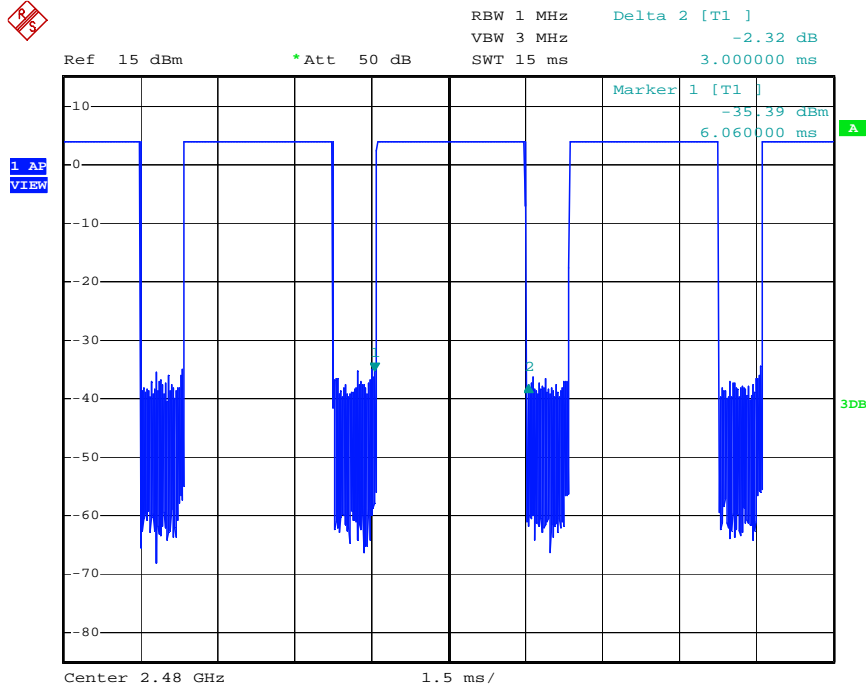
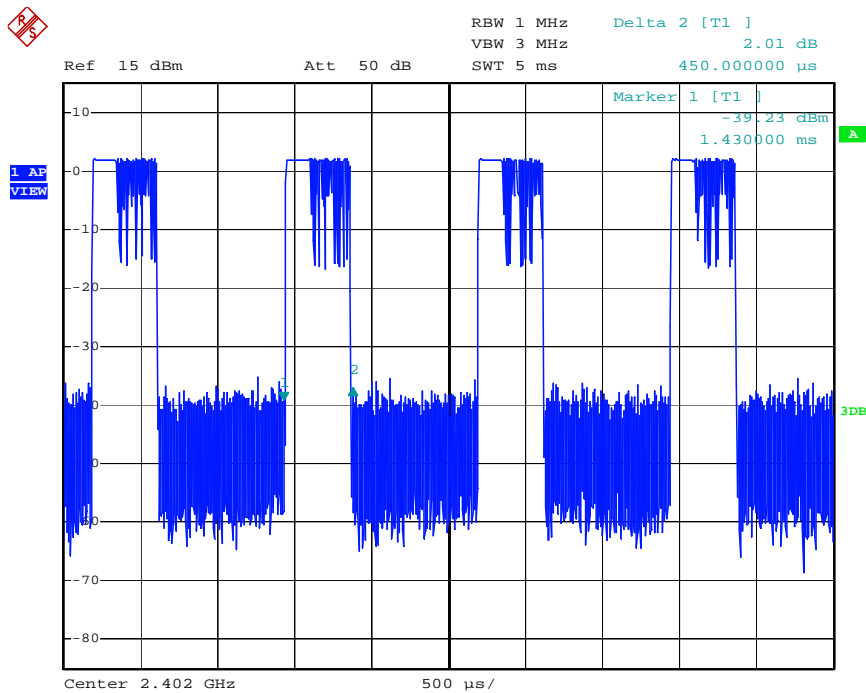
Low Channel- DH3

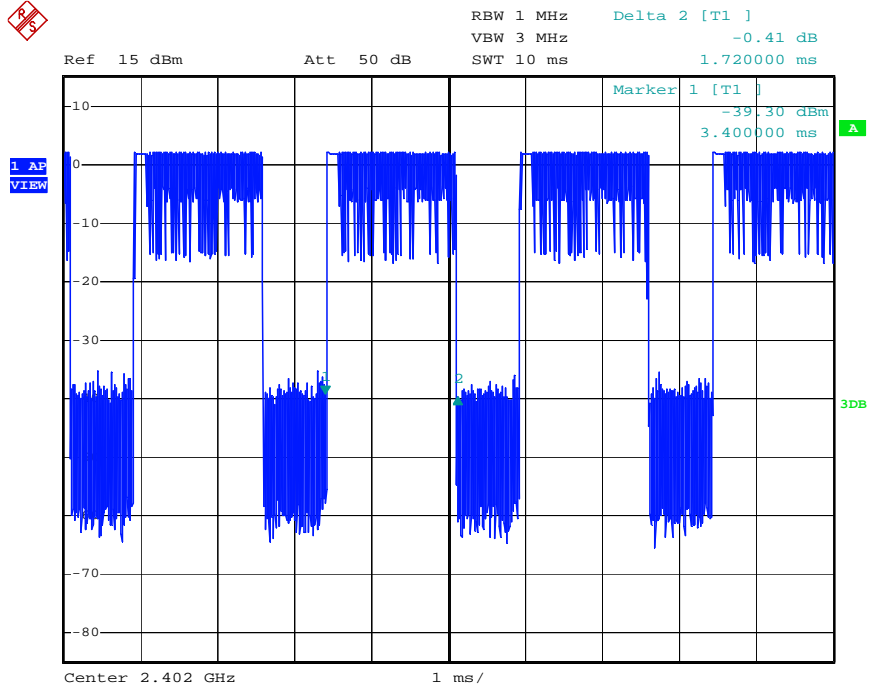
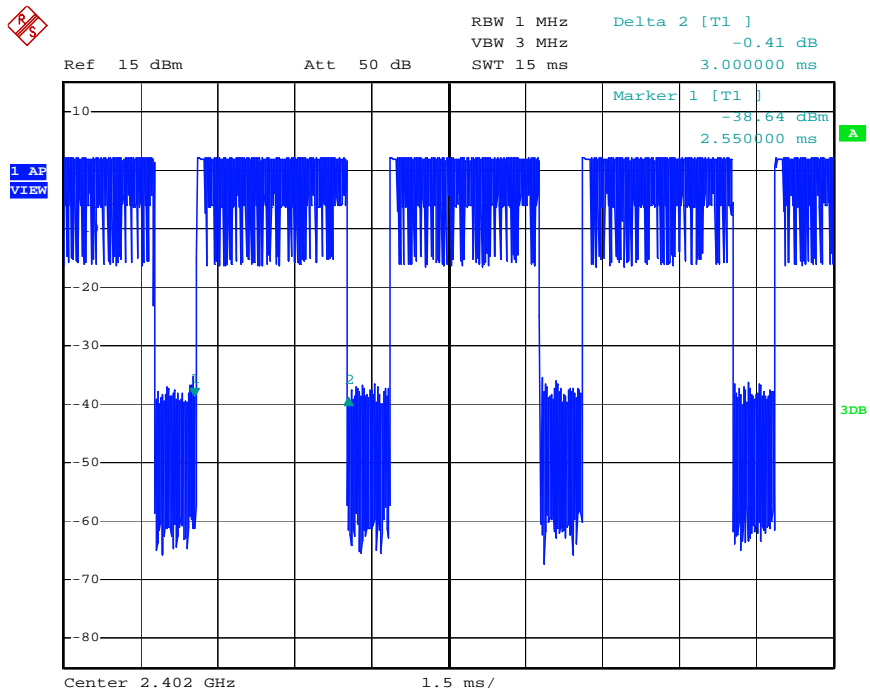


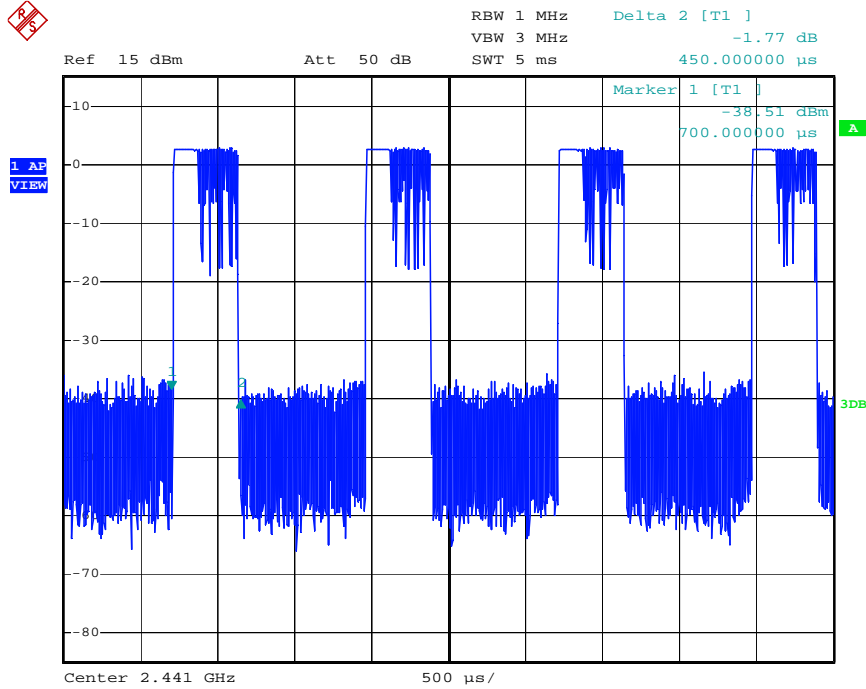
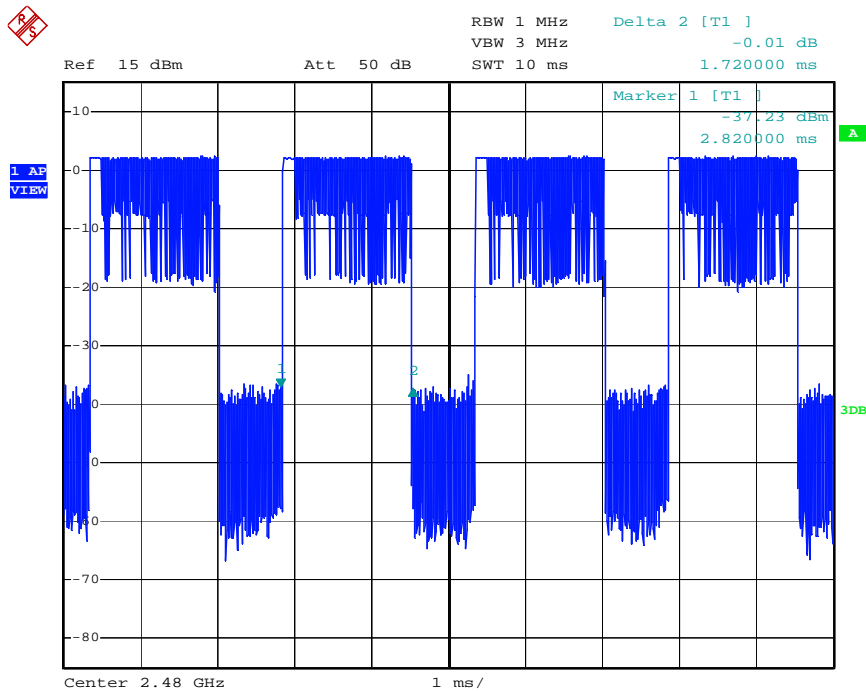
Low Channel- DH5

Middle Channel- DH1


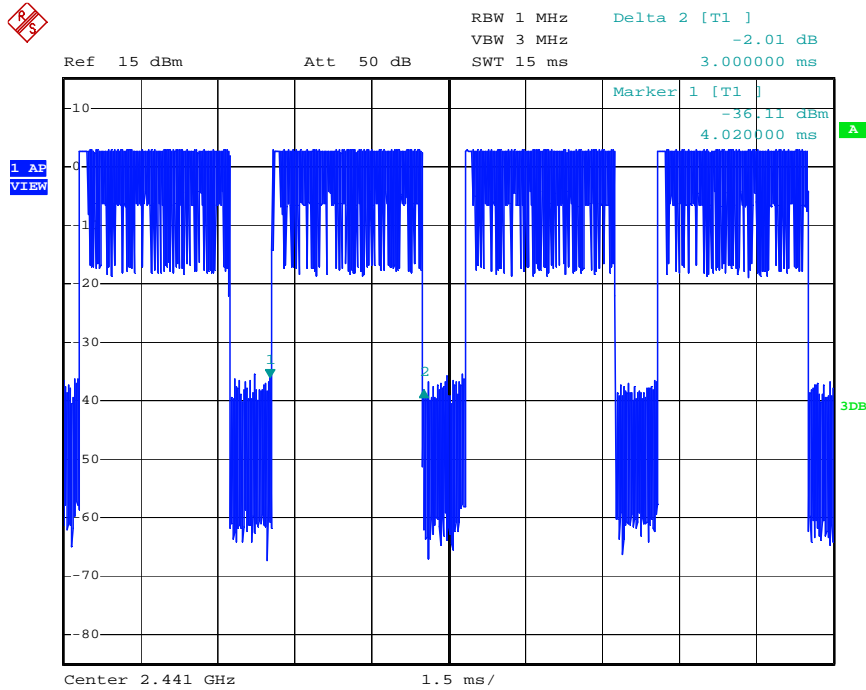
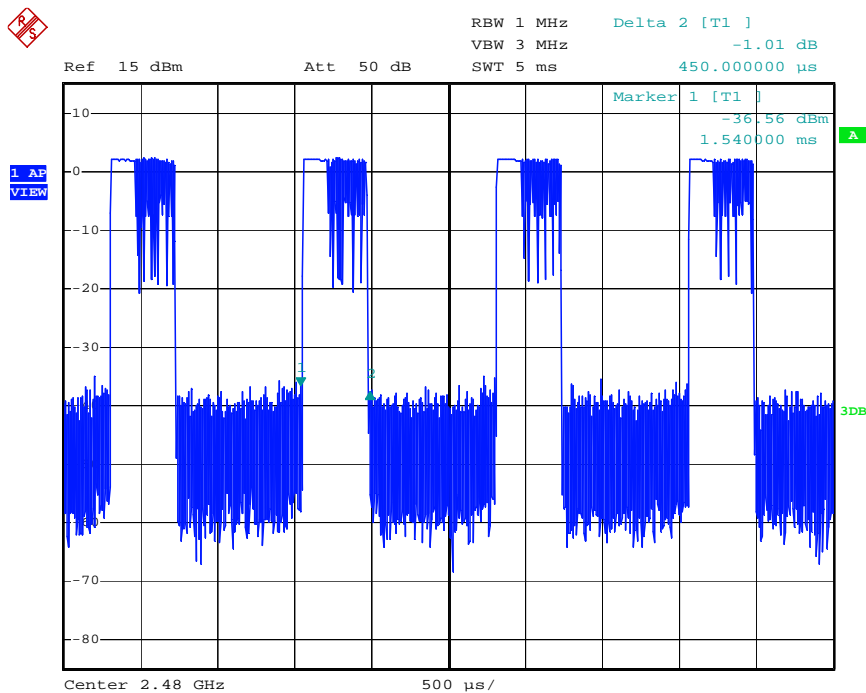
Middle Channel- DH3

Middle Channel- DH5


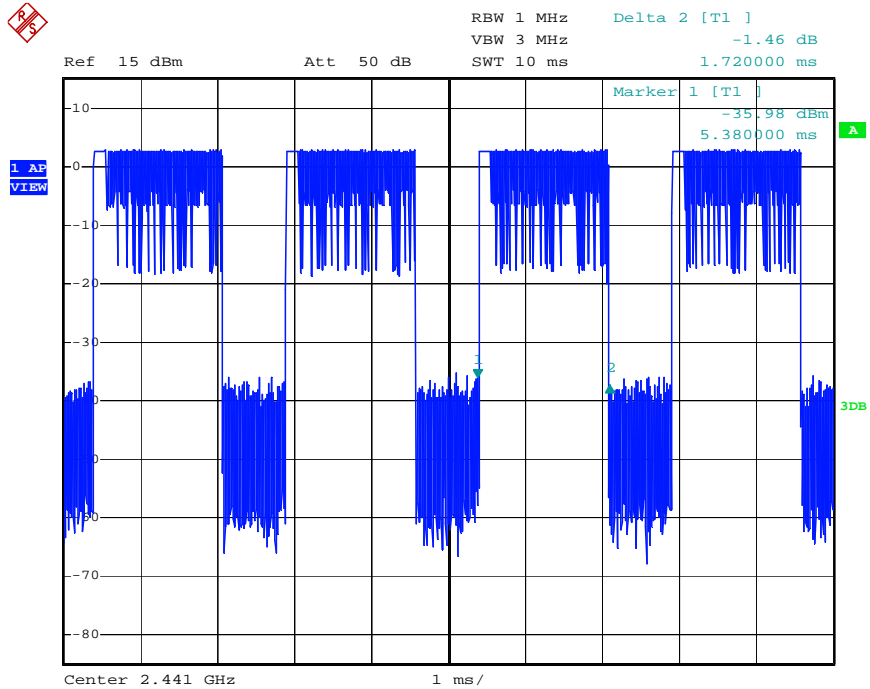
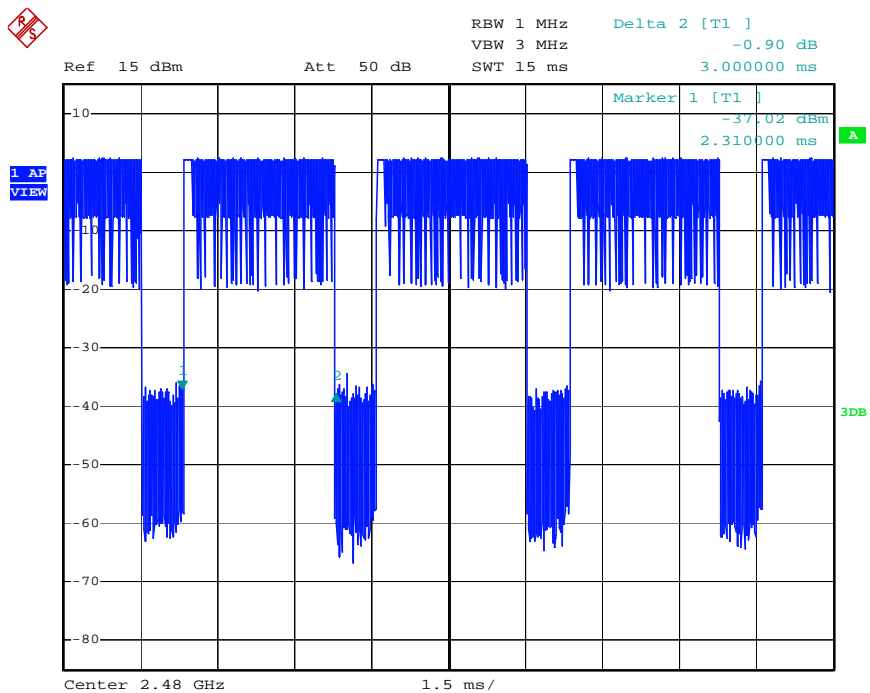
High Channel- DH1

High Channel- DH3


High Channel- DH5

Test Plot of Time of Occupancy, 8DPSK
Low Channel- DH1


Low Channel- DH3

Low Channel- DH5


Middle Channel- DH1

Middle Channel- DH3


Middle Channel- DH5

High Channel- DH1


High Channel- DH3

High Channel- DH5


Prüfbericht - Nr.: 17026608 001

Test Report No.

Seite 49 von 54

Page 49 of 54

5.1.10 Conducted emissions

RESULT:**Passed**

Date of testing : 2012-07-02
Test standard : FCC Part 15.207(a)
Basic standard : ANSI C63.4: 2003
Frequency range : 0.15 – 30MHz
Limits : FCC Part 15.207(a)
Kind of test site : Shield room

Test setup

Input Voltage (to AC : AC 120V, 60Hz
input of Adapter)
Operation Mode : A
Earthing : Not connected
Ambient temperature : 21°C
Relative humidity : 50%
Atmospheric pressure : 101 kPa

For details refer to Appendix 1.

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 1.14mW (0.55dBm) 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 $<60/f(\text{GHz})\text{mW}$, i.e. $1.14\text{mW} < 25(=60/2.4)\text{mW}$, 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 Conducted Emissions



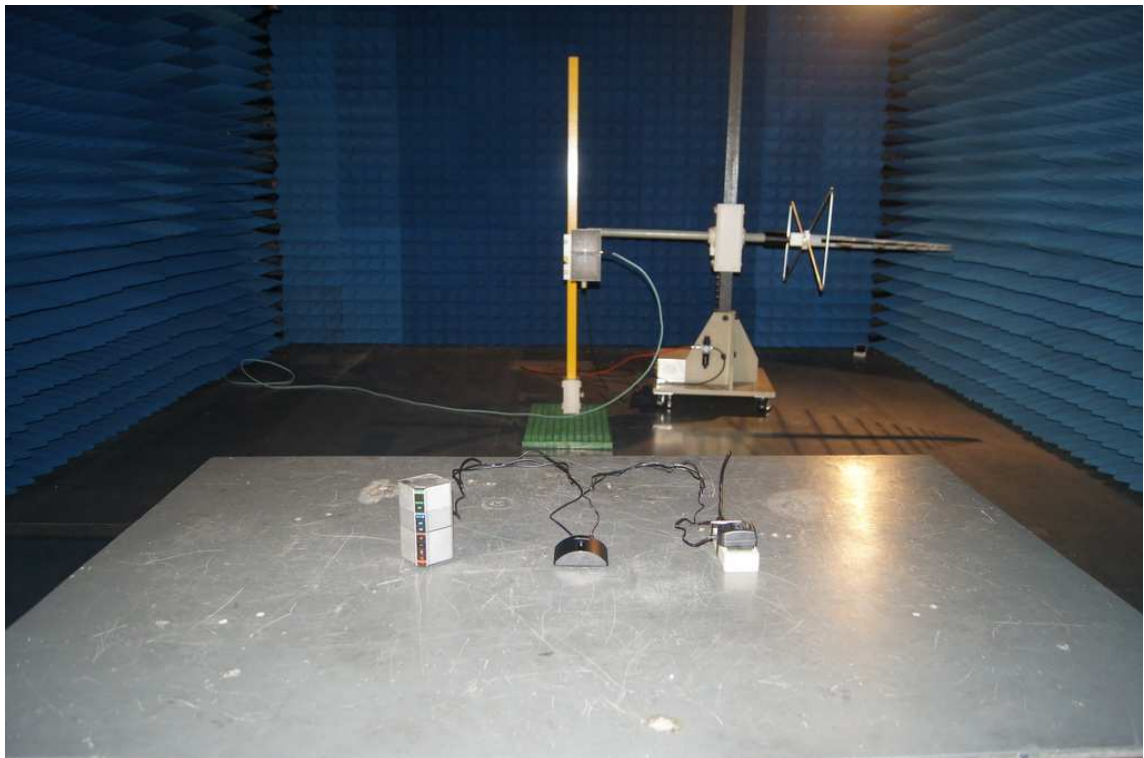
Photograph 2: Set-up for Spurious Emissions (9kHz-30MHz)



Photograph 3: Set-up for Spurious Emissions (30MHz-1GHz)



Photograph 4: Set-up for Spurious Emissions (1GHz-18GHz)



Photograph 5: 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, GFSK modulation.....	14
Table 6: Test result of Peak Output Power, 8DPSK modulation.....	14
Table 7: Test result of 20dB Bandwidth, GFSK modulation.....	15
Table 8: Test result of 20dB Bandwidth, 8DPSK modulation.....	15
Table 9: Test result of 99% Bandwidth, GFSK Modulation.....	19
Table 10: Test result of 99% Bandwidth, 8DPSK Modulation.....	19
Table 11: Test result of Frequency Separation.....	33
Table 12: Test result of Number of hopping frequency.....	36
Table 13: Test result of Time of Occupancy, GFSK modulation.....	38
Table 14: Test result of Time of Occupancy, 8DPSK modulation.....	39

9. List of Photographs

Photograph 1: Set-up for Conducted Emissions	51
Photograph 2: Set-up for Spurious Emissions (9kHz-30MHz).....	51
Photograph 3: Set-up for Spurious Emissions (30MHz-1GHz).....	52
Photograph 4: Set-up for Spurious Emissions (1GHz-18GHz).....	52
Photograph 5: Set-up for Spurious Emissions (18GHz-26GHz).....	53

List of Figures

Figure 1: Test figure of spurious emissions, mode A.1, Horizontal polarity (9kHz – 30MHz), GFSK Modulation	4
Figure 2: Test figure of spurious emissions, mode A.1, Vertical polarity (9kHz – 30MHz), GFSK Modulation	5
Figure 3: Test figure of spurious emissions, mode A.1, Horizontal polarity (30MHz – 1GHz), GFSK Modulation	6
Figure 4: Test figure of spurious emissions, mode A.1, Vertical polarity (30MHz – 1GHz), GFSK Modulation	7
Figure 5: Test figure of spurious emissions, mode A.1, Horizontal polarity (1GHz – 4GHz), GFSK Modulation	8
Figure 6: Test figure of spurious emissions, mode A.1, Vertical polarity (1GHz – 4GHz), GFSK Modulation	9
Figure 7: Test figure of spurious emissions, mode A.1, Horizontal polarity (4GHz – 18GHz), GFSK Modulation	10
Figure 8: Test figure of spurious emissions, mode A.1, Vertical polarity (4GHz – 18GHz), GFSK Modulation	11
Figure 9: Test figure of spurious emissions, mode A.1, Horizontal polarity (18GHz – 25GHz), GFSK Modulation	12
Figure 10: Test figure of spurious emissions, mode A.1, Vertical polarity (18GHz – 25GHz), GFSK Modulation	13
Figure 11: Test figure of spurious emissions, mode A.2, Horizontal polarity (9kHz – 30MHz), GFSK Modulation	14
Figure 12: Test figure of spurious emissions, mode A.2, Vertical polarity (9kHz – 30MHz), GFSK Modulation	15
Figure 13: Test figure of spurious emissions, mode A.2, Horizontal polarity (30MHz – 1GHz), GFSK Modulation	16
Figure 14: Test figure of spurious emissions, mode A.2, Vertical polarity (30MHz – 1GHz), GFSK Modulation	17
Figure 15: Test figure of spurious emissions, mode A.2, Horizontal polarity (1GHz – 4GHz), GFSK Modulation	18
Figure 16: Test figure of spurious emissions, mode A.2, Vertical polarity (1GHz – 4GHz), GFSK Modulation	19
Figure 17: Test figure of spurious emissions, mode A.2, Horizontal polarity (4GHz – 18GHz), GFSK Modulation	20
Figure 18: Test figure of spurious emissions, mode A.2, Vertical polarity (4GHz – 18GHz), GFSK Modulation	21
Figure 19: Test figure of spurious emissions, mode A.2, Horizontal polarity (18GHz – 25GHz), GFSK Modulation	22
Figure 20: Test figure of spurious emissions, mode A.2, Vertical polarity (18GHz – 25GHz), GFSK Modulation	23
Figure 21: Test figure of spurious emissions, mode A.3, Horizontal polarity (9kHz – 30MHz), GFSK Modulation	24
Figure 22: Test figure of spurious emissions, mode A.3, Vertical polarity (9kHz – 30MHz), GFSK Modulation	25
Figure 23: Test figure of spurious emissions, mode A.3, Horizontal polarity (30MHz – 1GHz), GFSK Modulation	26
Figure 24: Test figure of spurious emissions, mode A.3, Vertical polarity (30MHz – 1GHz), GFSK Modulation	27
Figure 25: Test figure of spurious emissions, mode A.3, Horizontal polarity (1GHz – 4GHz), GFSK Modulation	28
Figure 26: Test figure of spurious emissions, mode A.3, Vertical polarity (1GHz – 4GHz), GFSK Modulation	29

Figure 27: Test figure of spurious emissions, mode A.3, Horizontal polarity (4GHz –18GHz), GFSK Modulation	30
Figure 28: Test figure of spurious emissions, mode A.3, Vertical polarity (4GHz – 18GHz), GFSK Modulation	31
Figure 29: Test figure of spurious emissions, mode A.3, Horizontal polarity (18GHz –25GHz), GFSK Modulation	32
Figure 30: Test figure of spurious emissions, mode A.3, Vertical polarity (18GHz – 25GHz), GFSK Modulation	33
Figure 31: Test figure of spurious emissions, mode A.1, Horizontal polarity (9kHz – 30MHz), 8DPSK Modulation	34
Figure 32: Test figure of spurious emissions, mode A.1, Vertical polarity (9kHz – 30MHz), 8DPSK Modulation	35
Figure 33: Test figure of spurious emissions, mode A.1, Horizontal polarity (30MHz – 1GHz), 8DPSK Modulation	36
Figure 34: Test figure of spurious emissions, mode A.1, Vertical polarity (30MHz – 1GHz), 8DPSK Modulation	37
Figure 35: Test figure of spurious emissions, mode A.1, Horizontal polarity (1GHz –4GHz), 8DPSK Modulation	38
Figure 36: Test figure of spurious emissions, mode A.1, Vertical polarity (1GHz – 4GHz), 8DPSK Modulation	39
Figure 37: Test figure of spurious emissions, mode A.1, Horizontal polarity (4GHz –18GHz), 8DPSK Modulation	40
Figure 38: Test figure of spurious emissions, mode A.1, Vertical polarity (4GHz – 18GHz), 8DPSK Modulation	41
Figure 39: Test figure of spurious emissions, mode A.1, Horizontal polarity (18GHz –25GHz), 8DPSK Modulation	42
Figure 40: Test figure of spurious emissions, mode A.1, Vertical polarity (18GHz – 25GHz), 8DPSK Modulation	43
Figure 41: Test figure of spurious emissions, mode A.2, Horizontal polarity (9kHz – 30MHz), 8DPSK Modulation	44
Figure 42: Test figure of spurious emissions, mode A.2, Vertical polarity (9kHz – 30MHz), 8DPSK Modulation	45
Figure 43: Test figure of spurious emissions, mode A.2, Horizontal polarity (30MHz – 1GHz), 8DPSK Modulation	46
Figure 44: Test figure of spurious emissions, mode A.2, Vertical polarity (30MHz – 1GHz), 8DPSK Modulation	47
Figure 45: Test figure of spurious emissions, mode A.2, Horizontal polarity (1GHz – 4GHz), 8DPSK Modulation	48
Figure 46: Test figure of spurious emissions, mode A.2, Vertical polarity (1GHz – 4GHz), 8DPSK Modulation	49
Figure 47: Test figure of spurious emissions, mode A.2, Horizontal polarity (4GHz – 18GHz), 8DPSK Modulation	50
Figure 48: Test figure of spurious emissions, mode A.2, Vertical polarity (4GHz – 18GHz), 8DPSK Modulation	51
Figure 49: Test figure of spurious emissions, mode A.2, Horizontal polarity (18GHz – 25GHz), 8DPSK Modulation	52
Figure 50: Test figure of spurious emissions, mode A.2, Vertical polarity (18GHz – 25GHz), 8DPSK Modulation	53
Figure 51: Test figure of spurious emissions, mode A.3, Horizontal polarity (9kHz – 30MHz), 8DPSK Modulation	54
Figure 52: Test figure of spurious emissions, mode A.3, Vertical polarity (9kHz – 30MHz), 8DPSK Modulation	55
Figure 53: Test figure of spurious emissions, mode A.3, Horizontal polarity (30MHz – 1GHz), 8DPSK Modulation	56
Figure 54: Test figure of spurious emissions, mode A.3, Vertical polarity (30MHz – 1GHz), 8DPSK Modulation	57
Figure 55: Test figure of spurious emissions, mode A.3, Horizontal polarity (1GHz –4GHz), 8DPSK Modulation	58

Figure 56: Test figure of spurious emissions, mode A.3, Vertical polarity (1GHz – 4GHz), 8DPSK Modulation	59
Figure 57: Test figure of spurious emissions, mode A.3, Horizontal polarity (4GHz – 18GHz), 8DPSK Modulation	60
Figure 58: Test figure of spurious emissions, mode A.3, Vertical polarity (4GHz – 18GHz), 8DPSK Modulation	61
Figure 59: Test figure of spurious emissions, mode A.3, Horizontal polarity (18GHz – 25GHz), 8DPSK Modulation	62
Figure 60: Test figure of spurious emissions, mode A.3, Vertical polarity (18GHz – 25GHz), 8DPSK Modulation	63
Figure 61: Test figure of spurious emissions, mode C, Horizontal polarity (9kHz – 30MHz), GFSK Modulation	64
Figure 62: Test figure of spurious emissions, mode C, Vertical polarity (9kHz – 30MHz), GFSK Modulation	65
Figure 63: Test figure of spurious emissions, mode C, Horizontal polarity (30MHz – 1GHz), GFSK Modulation	66
Figure 64: Test figure of spurious emissions, mode C, Vertical polarity (30MHz – 1GHz), GFSK Modulation	67
Figure 65: Test figure of spurious emissions, mode C, Horizontal polarity (1GHz – 18GHz), GFSK Modulation	68
Figure 66: Test figure of spurious emissions, mode C, Vertical polarity (1GHz – 18GHz), GFSK Modulation	69
Figure 67: Test figure of spurious emissions, mode C, Horizontal polarity (18GHz – 25GHz), GFSK Modulation	70
Figure 68: Test figure of spurious emissions, mode C, Vertical polarity (18GHz – 25GHz), GFSK Modulation	71
Figure 69: Test figure of spurious emissions, mode C, Horizontal polarity (9kHz – 30MHz), 8DPSK Modulation	72
Figure 70: Test figure of spurious emissions, mode C, Vertical polarity (9kHz – 30MHz), 8DPSK Modulation	73
Figure 71: Test figure of spurious emissions, mode C, Horizontal polarity (30MHz – 1GHz), 8DPSK Modulation	74
Figure 72: Test figure of spurious emissions, mode C, Vertical polarity (30MHz – 1GHz), 8DPSK Modulation	75
Figure 73: Test figure of spurious emissions, mode C, Horizontal polarity (1GHz – 18GHz), 8DPSK Modulation	76
Figure 74: Test figure of spurious emissions, mode C, Vertical polarity (1GHz – 18GHz), 8DPSK Modulation	77
Figure 75: Test figure of spurious emissions, mode C, Horizontal polarity (18GHz – 25GHz), 8DPSK Modulation	78
Figure 76: Test figure of spurious emissions, mode C, Vertical polarity (18GHz – 25GHz), 8DPSK Modulation	79
Figure 77: Test figure of Radiated emissions in restricted bands, Mode A.1, Horizontal, GFSK Modulation	80
Figure 78: Test figure of Radiated emissions in restricted bands, Mode A.1, Vertical, GFSK Modulation	81
Figure 79: Test figure of Radiated emissions in restricted bands, Mode A.3, Horizontal, GFSK Modulation	82
Figure 80: Test figure of Radiated emissions in restricted bands, Mode A.3, Vertical, GFSK Modulation	83
Figure 81: Test figure of conducted emissions, mode A, line live	84
Figure 82: Test figure of conducted emissions, mode A, line neutral	85

Figure 1: Test figure of spurious emissions, mode A.1, Horizontal polarity (9kHz – 30MHz), GFSK Modulation

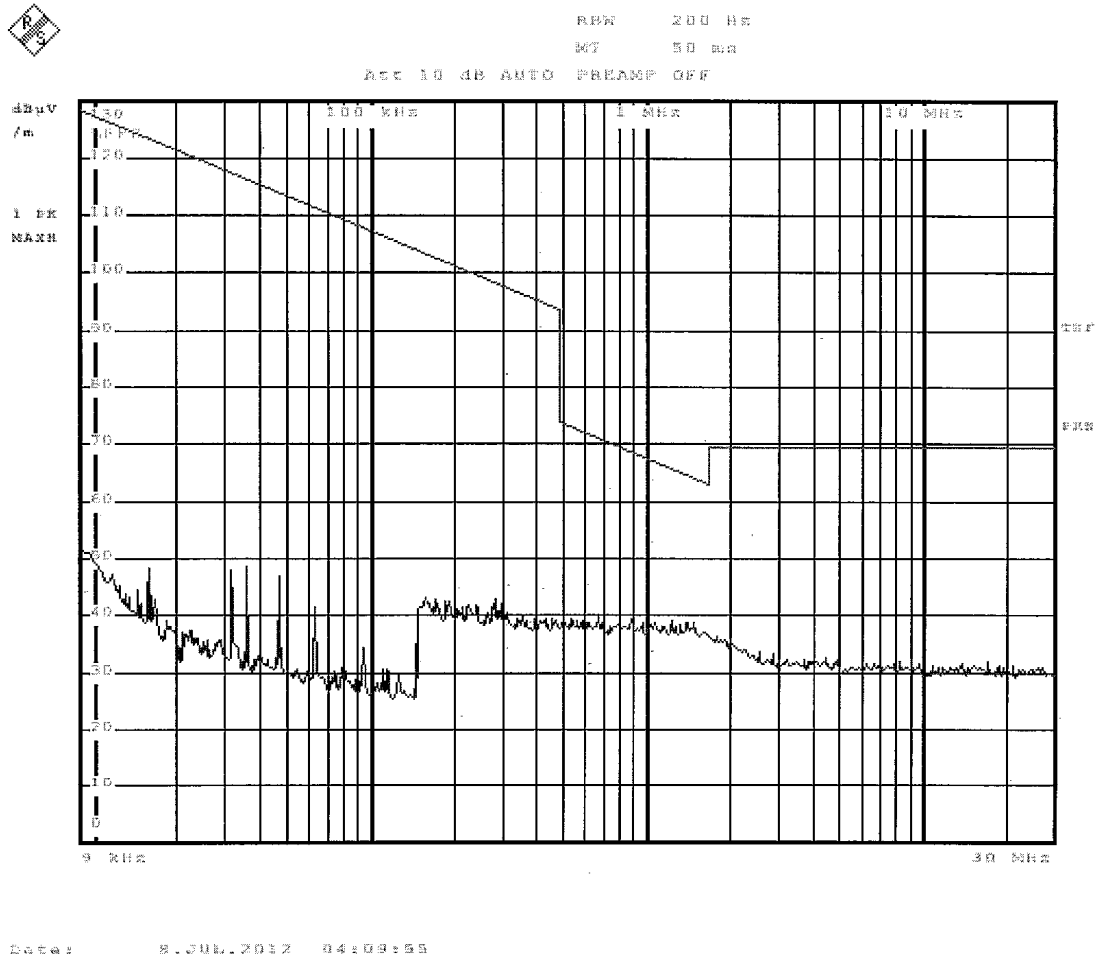


Figure 2: Test figure of spurious emissions, mode A.1, Vertical polarity (9kHz – 30MHz), GFSK Modulation

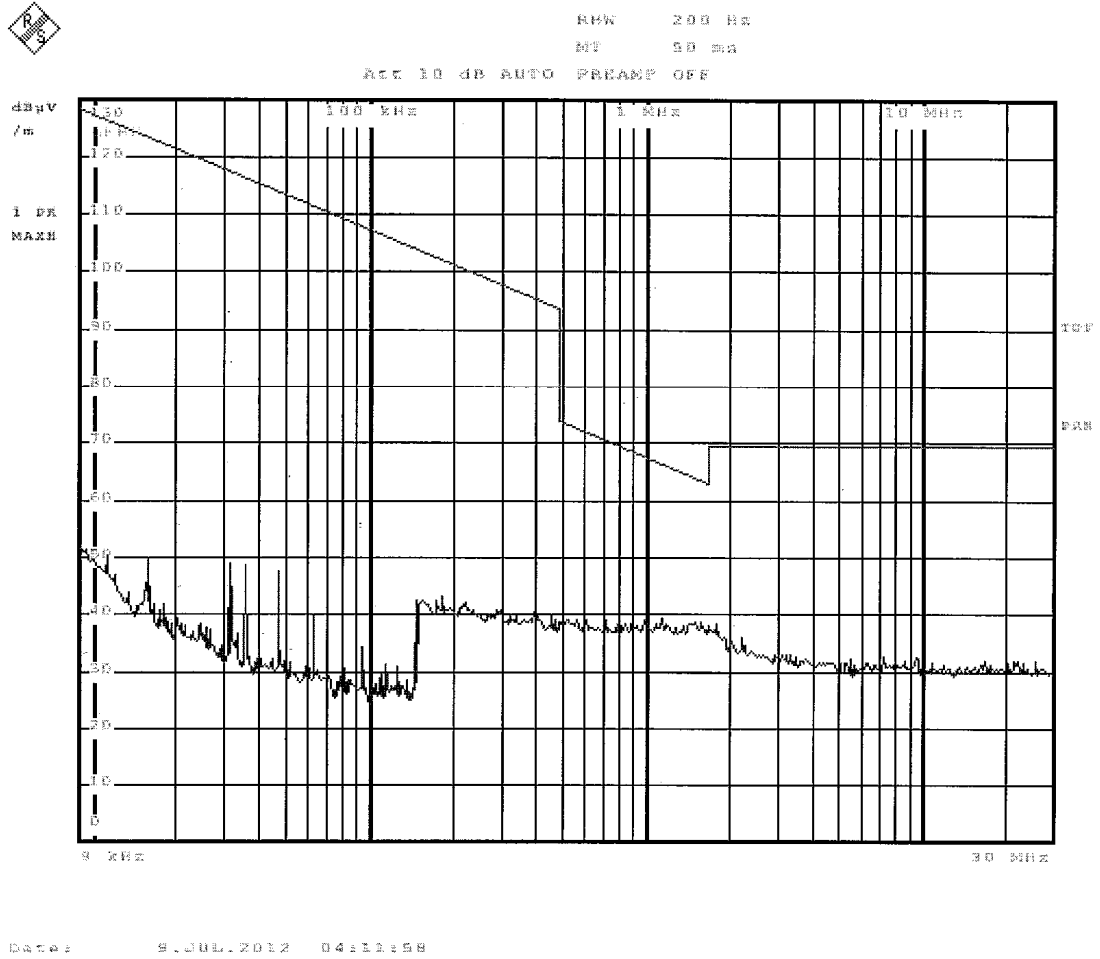


Figure 3: Test figure of spurious emissions, mode A.1, Horizontal polarity (30MHz – 1GHz), GFSK Modulation



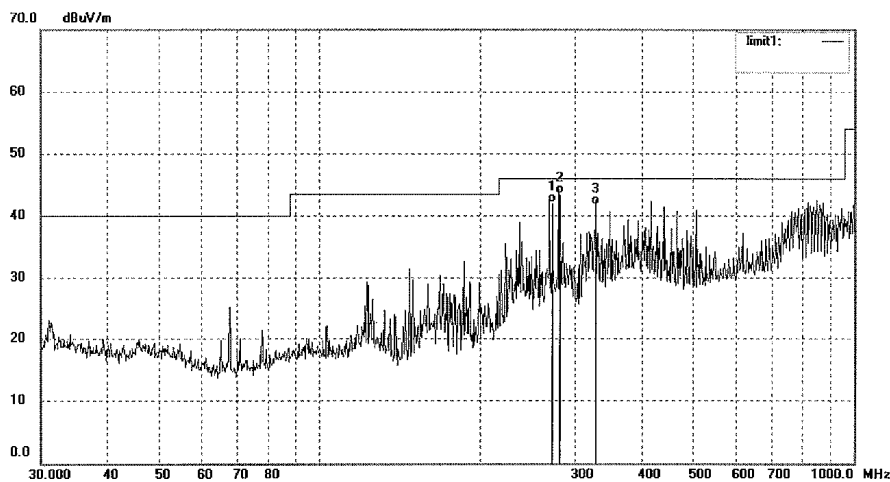
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: pei #9470	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 7/49/21
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2402MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	273.0844	23.79	18.24	42.03	46.00	-3.97	QP			
2	282.9710	25.17	18.38	43.55	46.00	-2.45	QP			
3	329.9708	21.93	19.76	41.69	46.00	-4.31	QP			

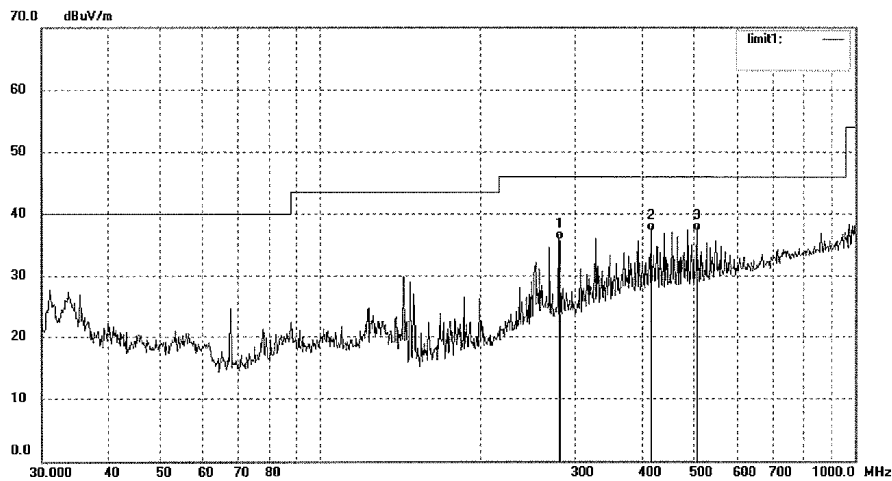
Figure 4: Test figure of spurious emissions, mode A.1, Vertical polarity (30MHz – 1GHz), GFSK Modulation



ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: pei #9469	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 7/40/48
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2402MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	
Note:	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	282.9690	17.33	18.38	35.71	46.00	-10.29	QP			
2	418.1669	13.98	23.15	37.13	46.00	-8.87	QP			
3	509.1870	13.00	24.11	37.11	46.00	-8.89	QP			

Figure 5: Test figure of spurious emissions, mode A.1, Horizontal polarity (1GHz –4GHz), GFSK Modulation



ACCURATE TECHNOLOGY CO., LTD.

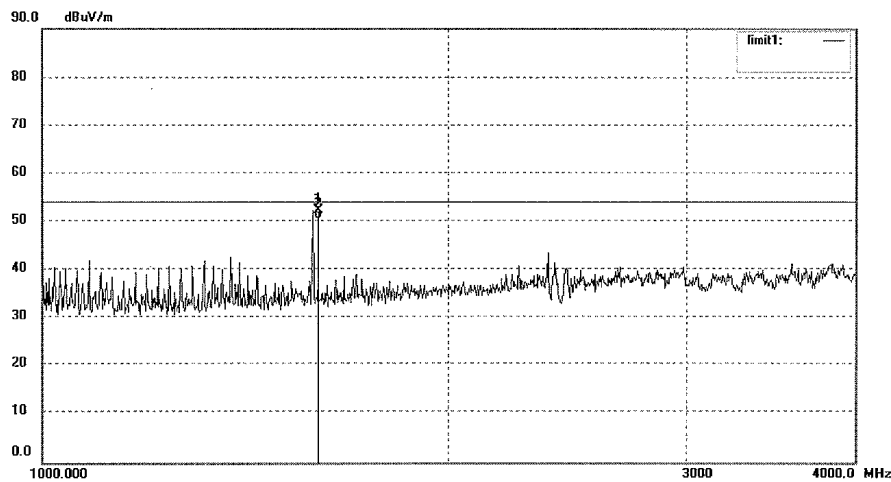
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber

Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9480	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 9/23/45
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2402MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1601.970	63.46	-11.07	52.39	54.00	-1.61	peak			
2	1601.970	61.69	-11.07	50.62	54.00	-3.38	AVG			

Figure 6: Test figure of spurious emissions, mode A.1, Vertical polarity (1GHz – 4GHz), GFSK Modulation



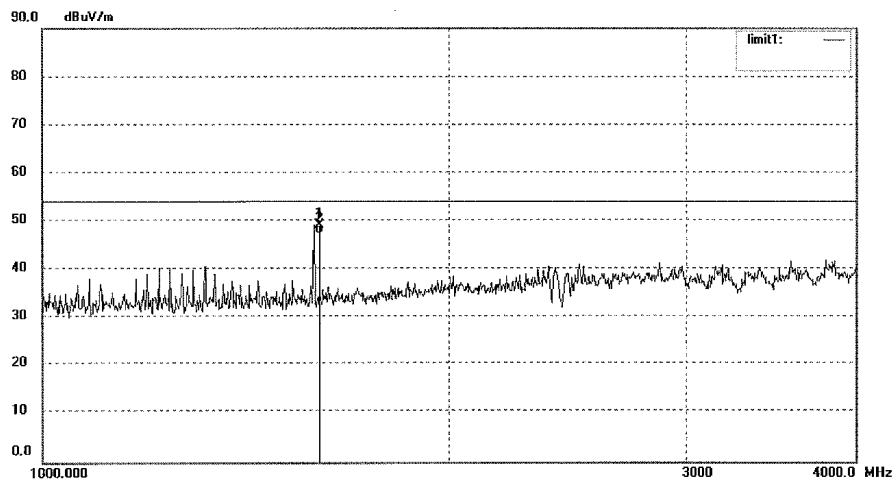
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9479	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 9/15/19
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2402MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1602.010	60.26	-11.07	49.19	54.00	-4.81	peak			
2	1602.010	58.45	-11.07	47.38	54.00	-6.62	AVG			

Figure 7: Test figure of spurious emissions, mode A.1, Horizontal polarity (4GHz –18GHz), GFSK Modulation



ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

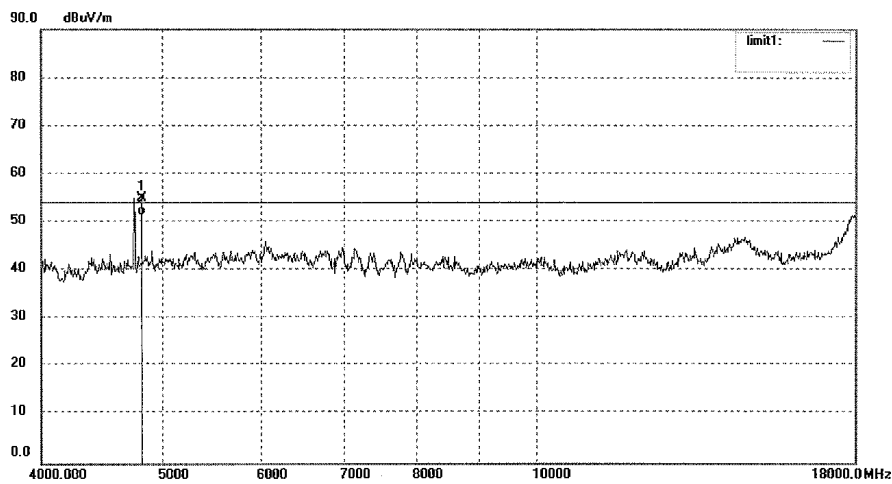
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9491	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10/42/24
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2402MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4804.055	55.27	-0.30	54.97	54.00	0.97	peak			
2	4804.055	51.80	-0.30	51.50	54.00	-2.50	AVG			

Figure 8: Test figure of spurious emissions, mode A.1, Vertical polarity (4GHz – 18GHz), GFSK Modulation

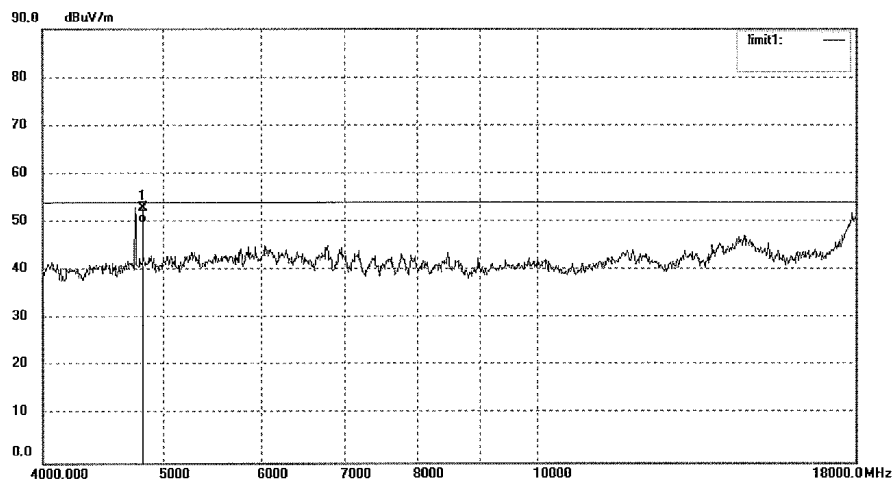


ACCURATE TECHNOLOGY CO., LTD.
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9492	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10/51/27
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2402MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4804.023	52.99	-0.30	52.99	54.00	-1.01	peak			
2	4804.023	50.19	-0.30	49.89	54.00	-4.11	AVG			

Figure 9: Test figure of spurious emissions, mode A.1, Horizontal polarity (18GHz –25GHz), GFSK Modulation



ACCURATE TECHNOLOGY CO., LTD.

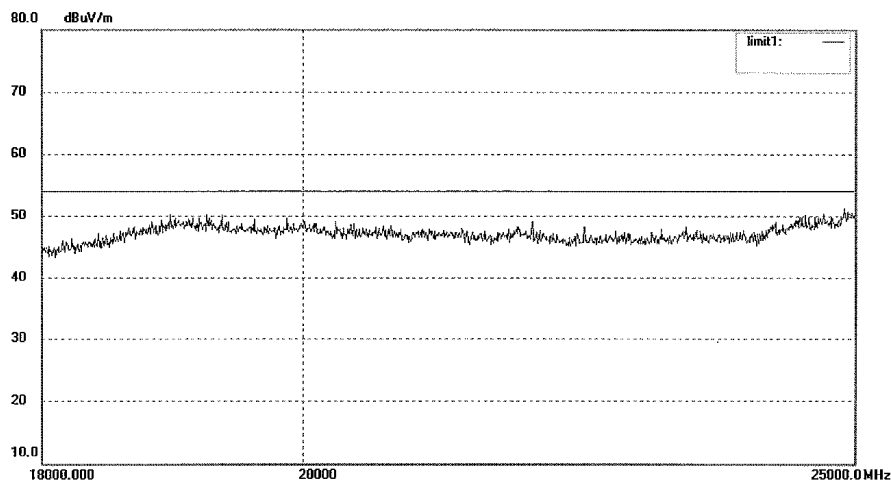
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber

Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: pei #9527	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/07/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10/25/15
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2402MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
-----	-------------	------------------	-------------	-----------------	----------------	-------------	----------	-------------	---------------	--------

Figure 10: Test figure of spurious emissions, mode A.1, Vertical polarity (18GHz – 25GHz), GFSK Modulation



ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

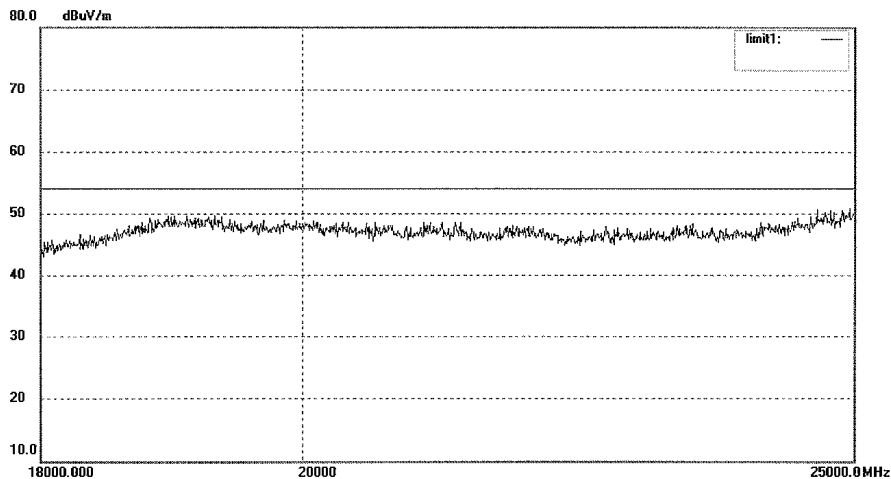
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

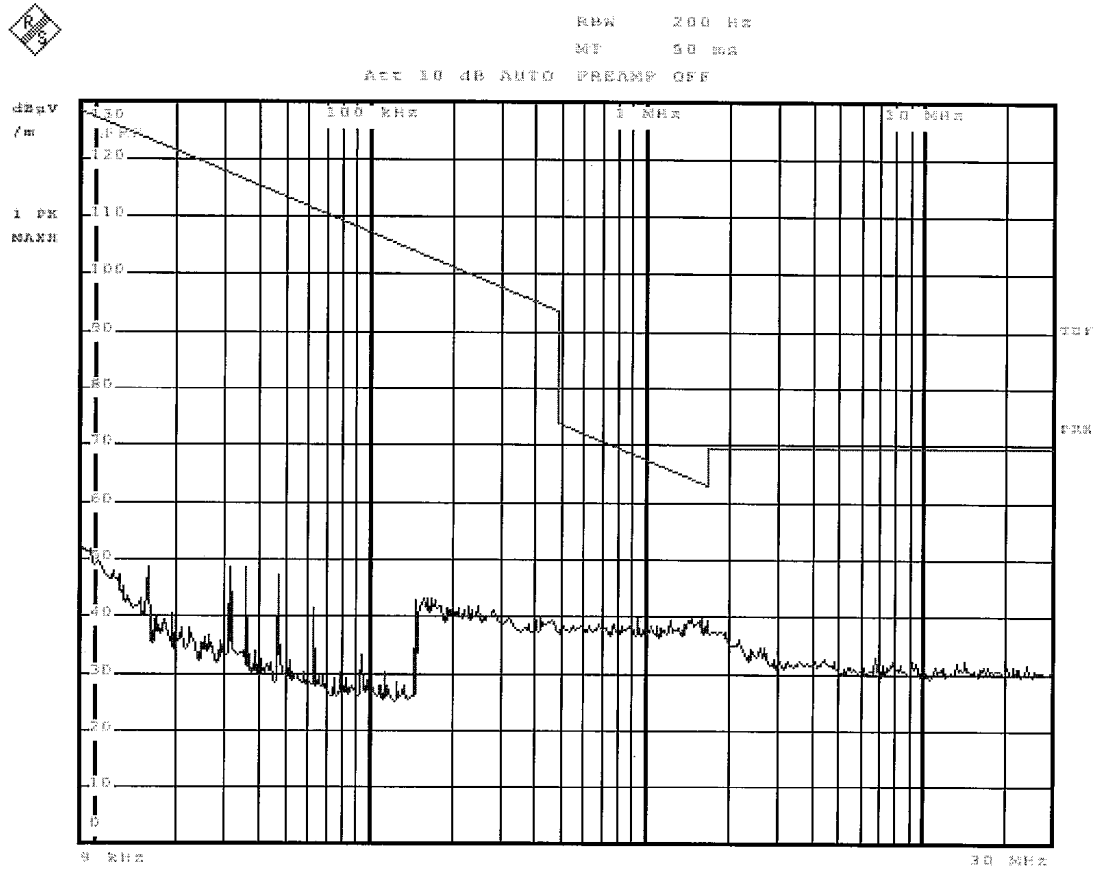
Job No.: pei #9528	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/07/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10/34/36
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2402MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



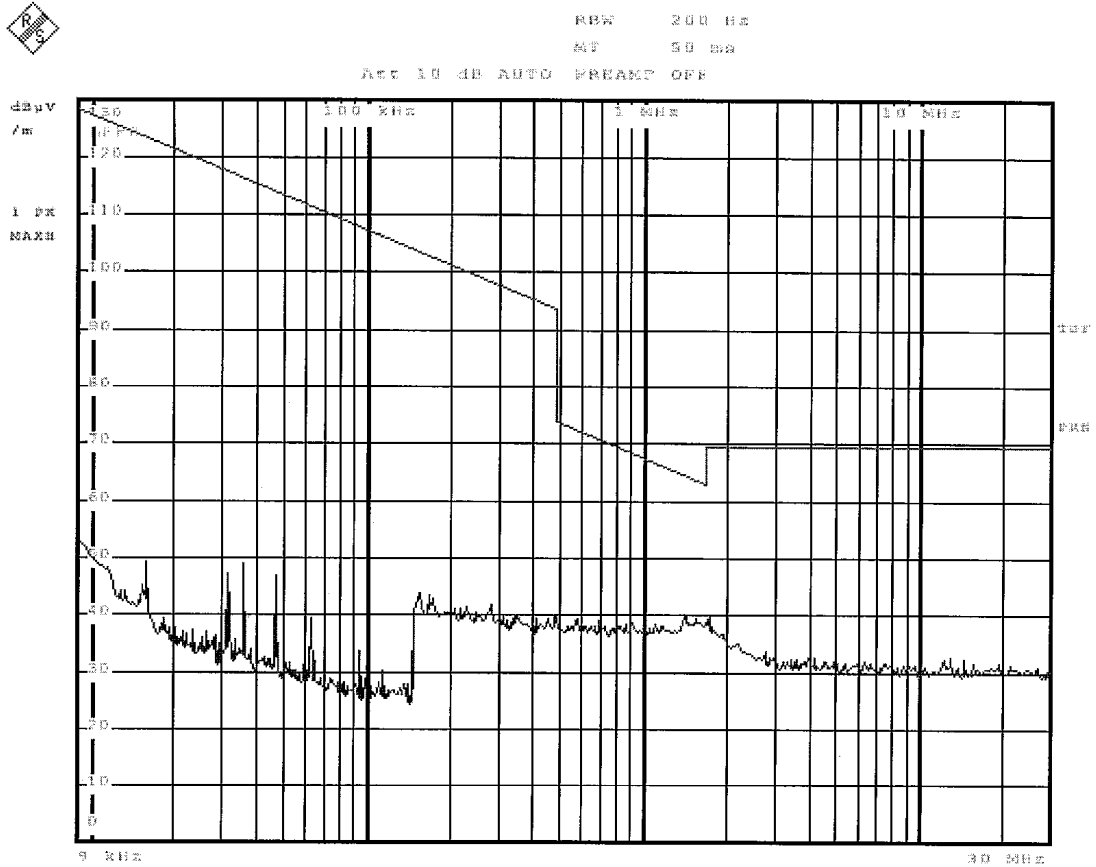
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
-----	-------------	------------------	-------------	-----------------	----------------	-------------	----------	-------------	---------------	--------

Figure 11: Test figure of spurious emissions, mode A.2, Horizontal polarity (9kHz – 30MHz), GFSK Modulation



Date: 8.JUL.2012 04:15:58

Figure 12: Test figure of spurious emissions, mode A.2, Vertical polarity (9kHz – 30MHz), GFSK Modulation



Date: 21.06.2012 09:17:59

Figure 13: Test figure of spurious emissions, mode A.2, Horizontal polarity (30MHz – 1GHz), GFSK Modulation



ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

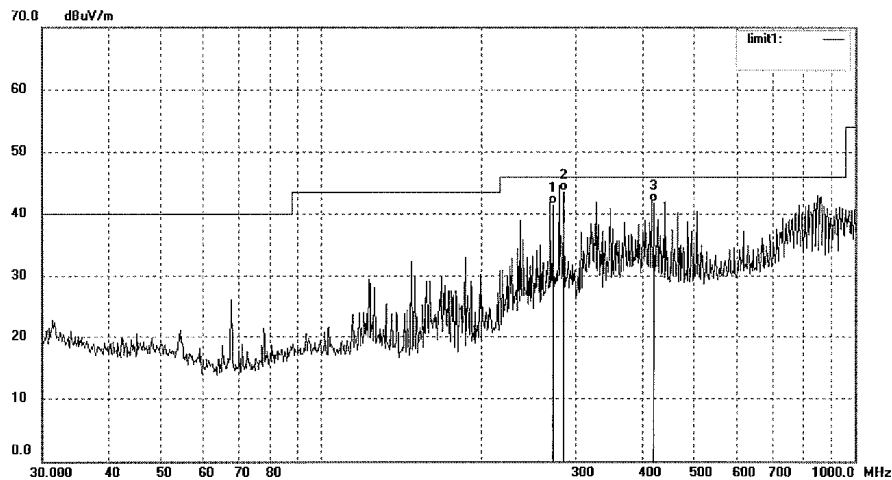
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9471	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 7/58/51
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2441MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	273.0819	23.34	18.24	41.58	46.00	-4.42	QP			
2	282.9645	25.21	18.38	43.59	46.00	-2.41	QP			
3	420.9970	18.75	23.17	41.92	46.00	-4.08	QP			

Figure 14: Test figure of spurious emissions, mode A.2, Vertical polarity (30MHz – 1GHz), GFSK Modulation



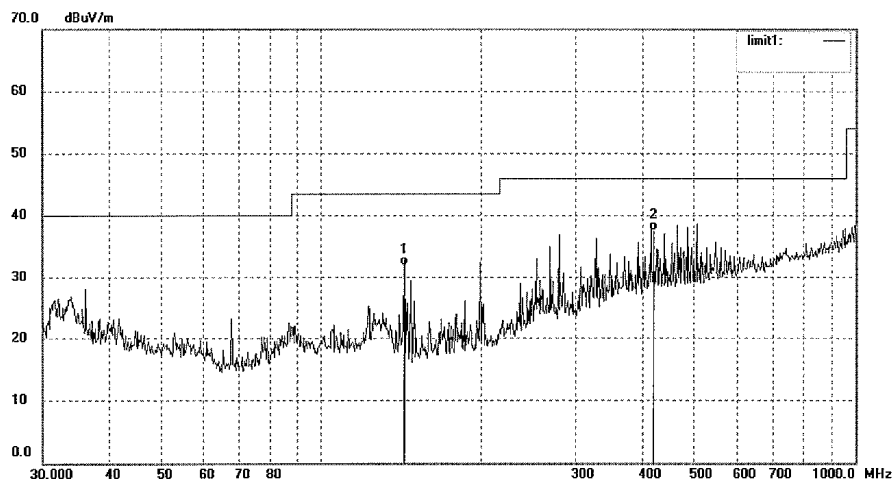
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9472	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 8/10/23
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2441MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	143.2116	20.46	11.48	31.94	43.50	-11.56	QP			
2	421.0110	14.31	23.17	37.48	46.00	-8.52	QP			

Figure 15: Test figure of spurious emissions, mode A.2, Horizontal polarity (1GHz – 4GHz), GFSK Modulation



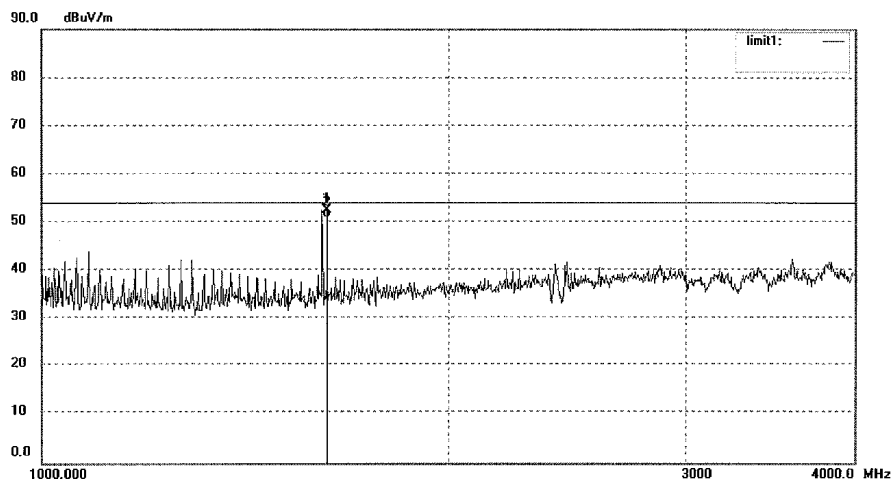
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9482	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 9/33/28
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2441MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1626.730	63.54	-10.92	52.62	54.00	-1.38	peak			
2	1626.730	61.83	-10.92	50.91	54.00	-3.09	AVG			

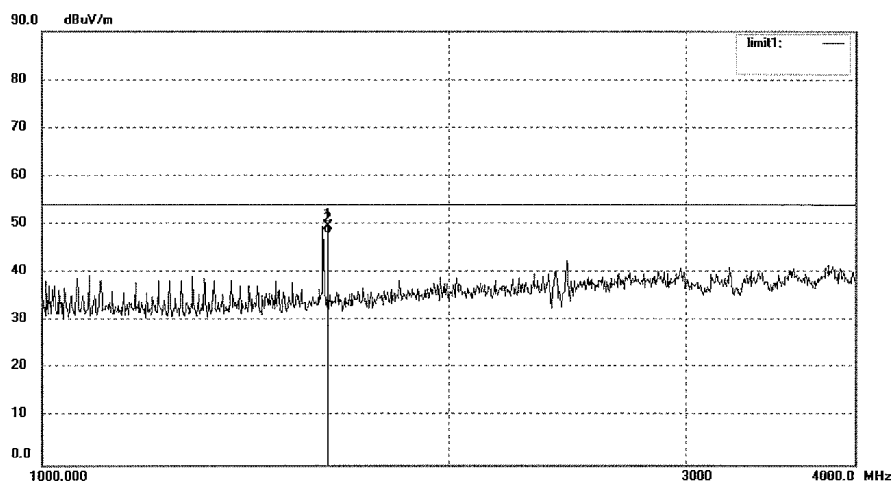
Figure 16: Test figure of spurious emissions, mode A.2, Vertical polarity (1GHz – 4GHz), GFSK Modulation



ACCURATE TECHNOLOGY CO., LTD.
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9483	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 9/42/00
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2441MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	
Note:	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1626.630	60.60	-10.92	49.68	54.00	-4.32	peak			
2	1626.630	59.00	-10.92	48.08	54.00	-5.92	AVG			

Figure 17: Test figure of spurious emissions, mode A.2, Horizontal polarity (4GHz – 18GHz), GFSK Modulation

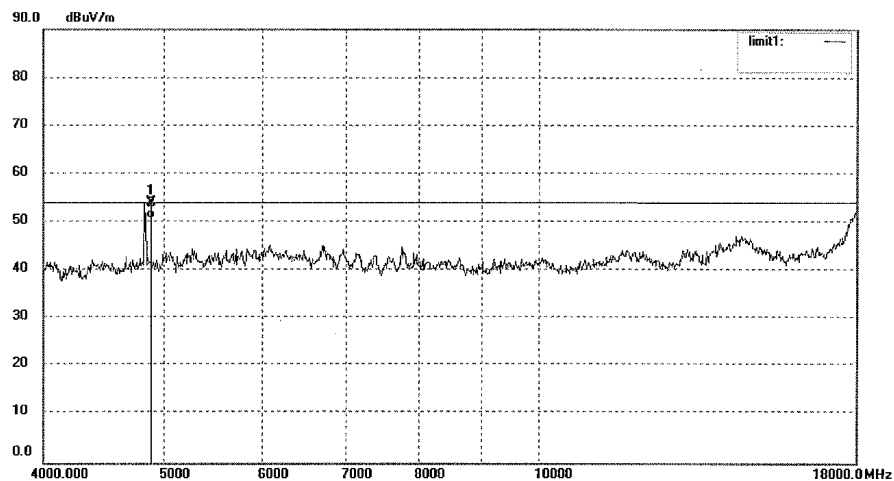


ACCURATE TECHNOLOGY CO., LTD.
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9490	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10/34/36
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2441MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4881.966	54.06	0.14	54.20	54.00	0.20	peak			
2	4881.966	50.68	0.14	50.82	54.00	-3.18	AVG			

Figure 18: Test figure of spurious emissions, mode A.2, Vertical polarity (4GHz – 18GHz), GFSK Modulation

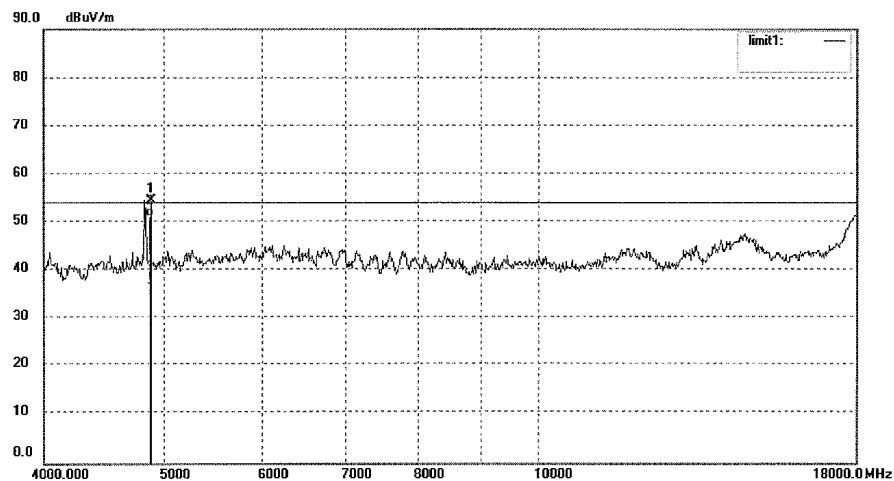


ACCURATE TECHNOLOGY CO., LTD.
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9489	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10/25/34
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2441MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4881.999	54.45	0.14	54.59	54.00	0.59	peak			
2	4881.999	51.06	0.14	51.20	54.00	-2.80	AVG			

Figure 19: Test figure of spurious emissions, mode A.2, Horizontal polarity (18GHz – 25GHz), GFSK Modulation



ACCURATE TECHNOLOGY CO., LTD.

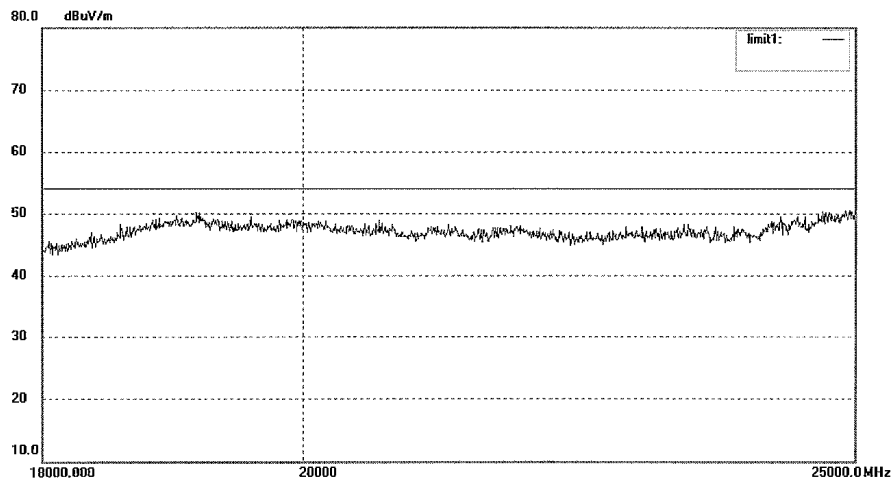
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber

Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9530	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/07/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10/52/10
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2441MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
-----	-------------	------------------	-------------	-----------------	----------------	-------------	----------	-------------	---------------	--------

Figure 20: Test figure of spurious emissions, mode A.2, Vertical polarity (18GHz – 25GHz), GFSK Modulation



ACCURATE TECHNOLOGY CO., LTD.
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

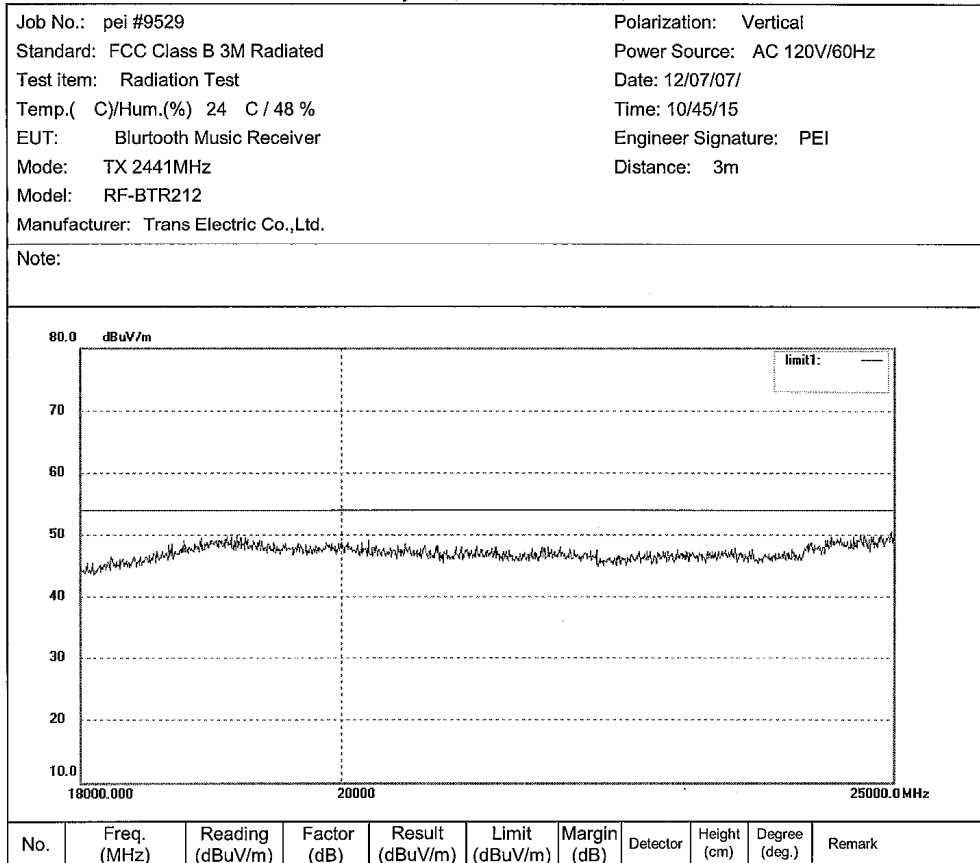


Figure 21: Test figure of spurious emissions, mode A.3, Horizontal polarity (9kHz – 30MHz), GFSK Modulation

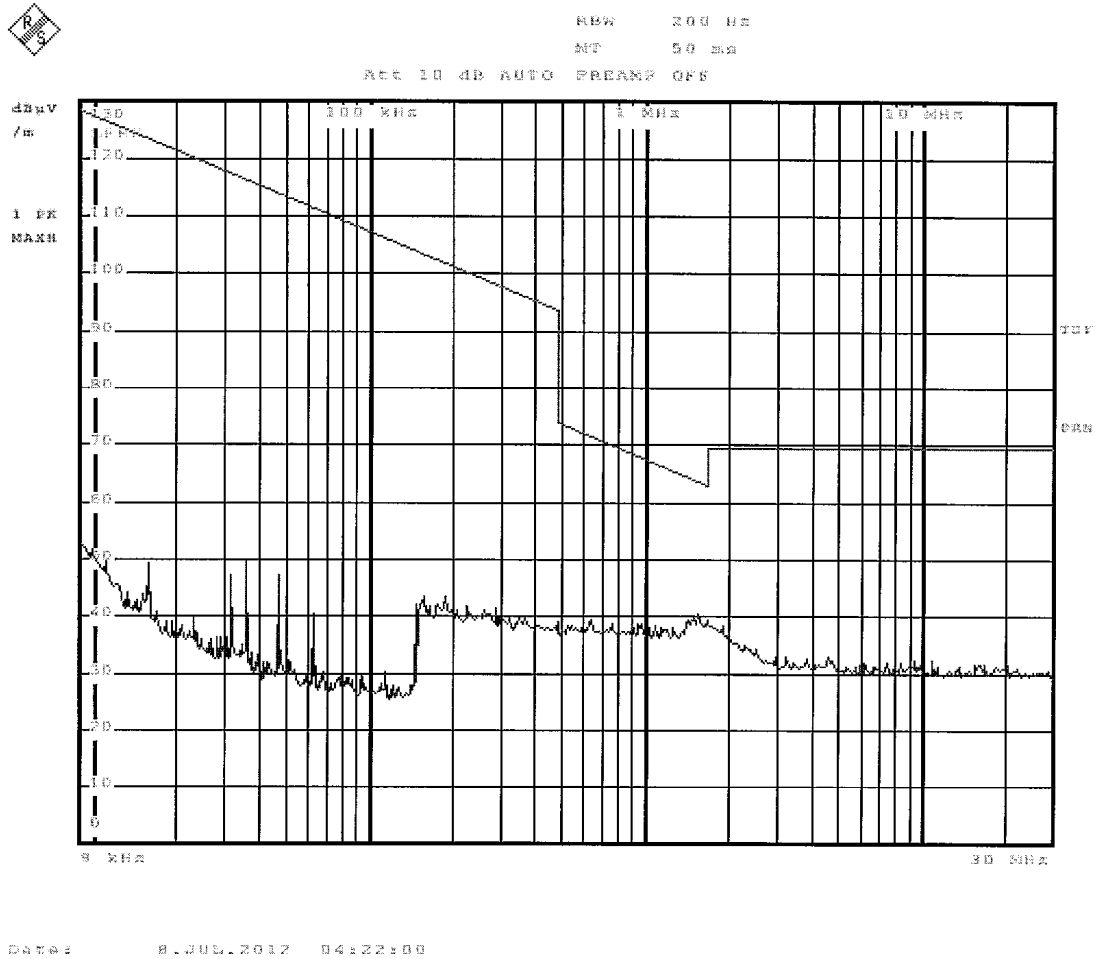
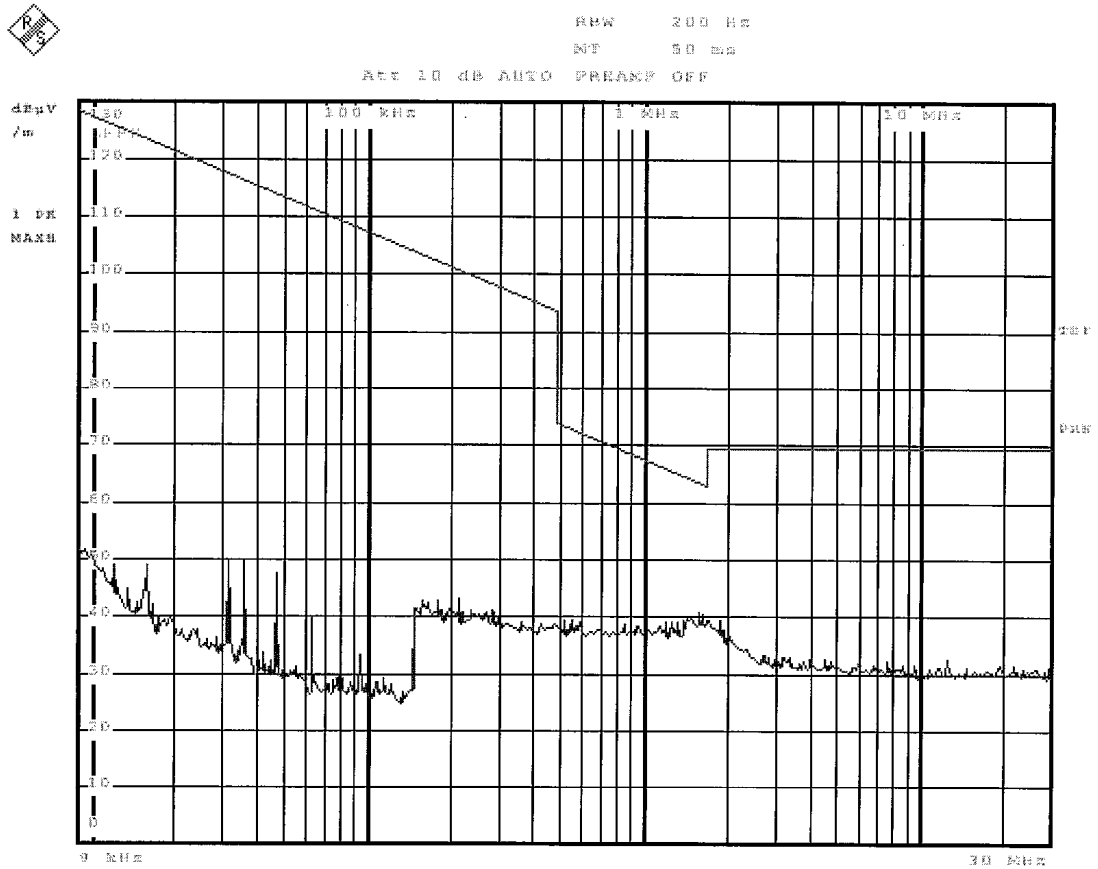


Figure 22: Test figure of spurious emissions, mode A.3, Vertical polarity (9kHz – 30MHz), GFSK Modulation



DATE: 8 JUL 2012 04:24:07

Figure 23: Test figure of spurious emissions, mode A.3, Horizontal polarity (30MHz – 1GHz), GFSK Modulation



ACCURATE TECHNOLOGY CO., LTD.

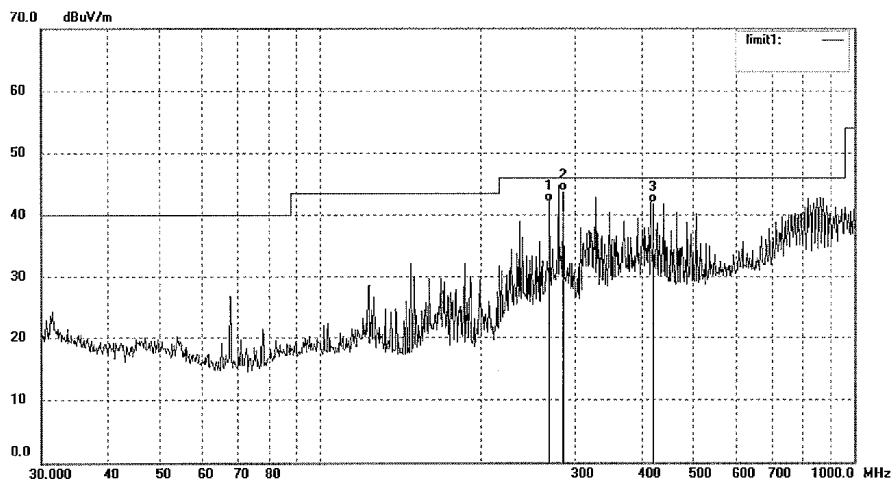
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber

Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: pei #9474	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 8/30/14
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	268.7212	23.75	18.32	42.07	46.00	-3.93	QP			
2	282.9760	25.44	18.38	43.82	46.00	-2.18	QP			
3	420.9800	18.81	23.17	41.98	46.00	-4.02	QP			

Figure 24: Test figure of spurious emissions, mode A.3, Vertical polarity (30MHz – 1GHz), GFSK Modulation



ACCURATE TECHNOLOGY CO., LTD.

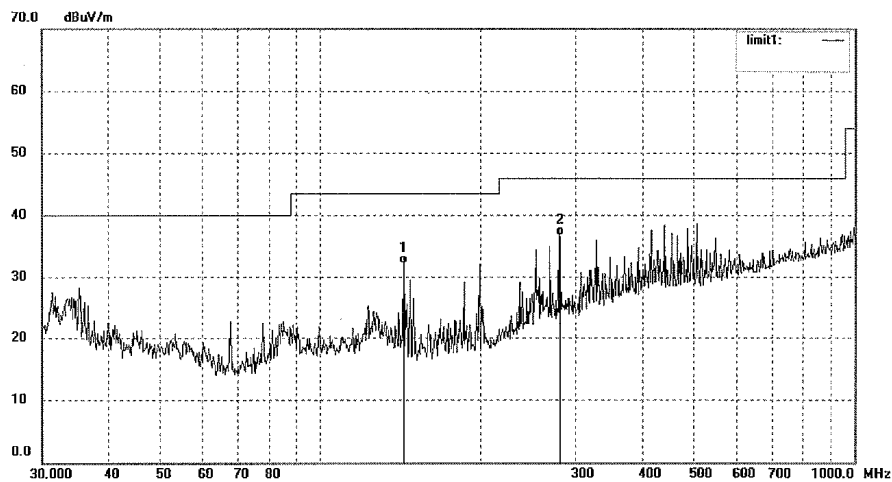
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber

Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: pei #9473	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 8/21/27
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	143.2029	20.64	11.48	32.12	43.50	-11.38	QP			
2	282.9820	18.35	18.38	36.73	46.00	-9.27	QP			

Figure 25: Test figure of spurious emissions, mode A.3, Horizontal polarity (1GHz –4GHz), GFSK Modulation

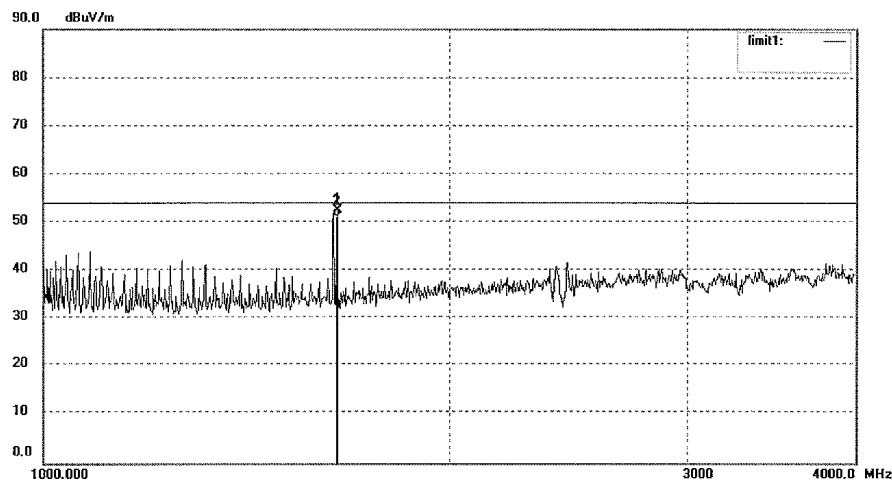


ACCURATE TECHNOLOGY CO., LTD.
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9485	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10/00/59
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1652.645	63.28	-10.74	52.54	54.00	-1.46	peak			
2	1652.645	61.88	-10.74	51.14	54.00	-2.86	AVG			

Figure 26: Test figure of spurious emissions, mode A.3, Vertical polarity (1GHz – 4GHz), GFSK Modulation

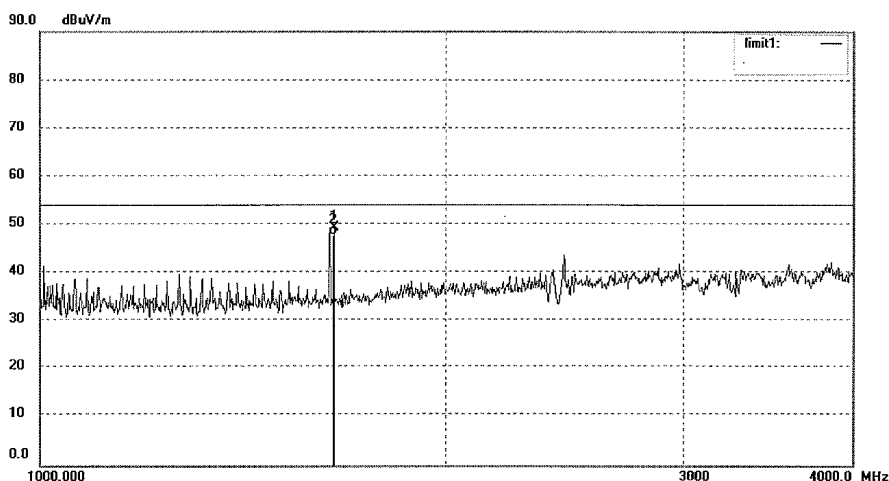


ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9484	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 9/51/54
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	
Note:	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1652.671	60.21	-10.74	49.47	54.00	-4.53	peak			
2	1652.671	58.65	-10.74	47.91	54.00	-6.09	AVG			

Figure 27: Test figure of spurious emissions, mode A.3, Horizontal polarity (4GHz –18GHz), GFSK Modulation



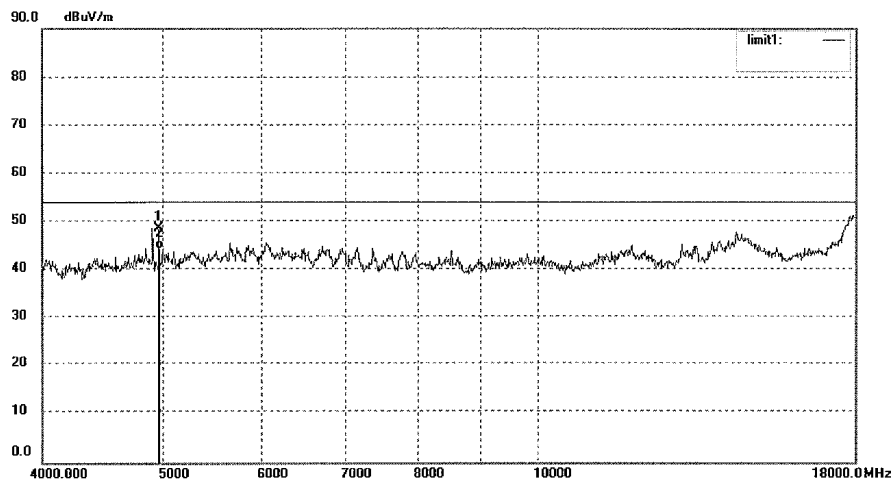
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9487	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10/08/56
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4960.006	48.18	0.52	48.70	54.00	-5.30	peak			
2	4960.006	44.03	0.52	44.55	54.00	-9.45	AVG			

Figure 28: Test figure of spurious emissions, mode A.3, Vertical polarity (4GHz – 18GHz), GFSK Modulation



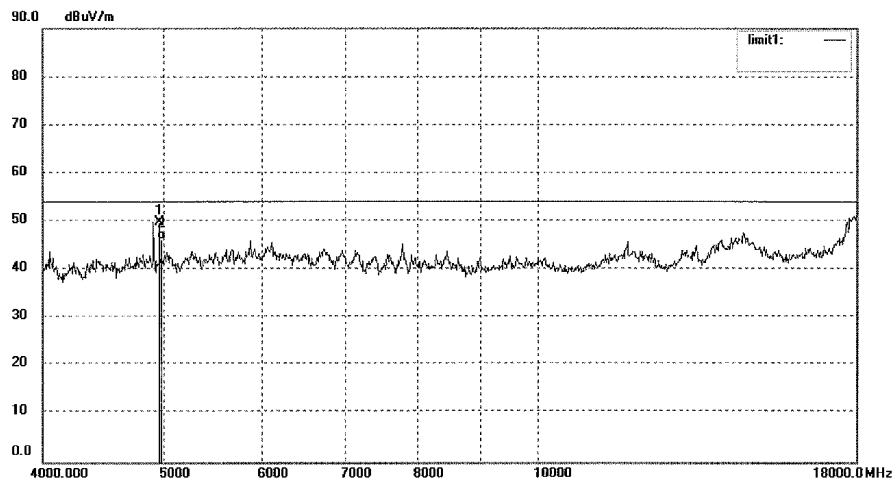
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9488	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10/16/10
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4959.986	49.27	0.52	49.79	54.00	-4.21	peak			
2	4959.986	45.78	0.52	46.30	54.00	-7.70	AVG			

Figure 29: Test figure of spurious emissions, mode A.3, Horizontal polarity (18GHz –25GHz), GFSK Modulation



ACCURATE TECHNOLOGY CO., LTD.

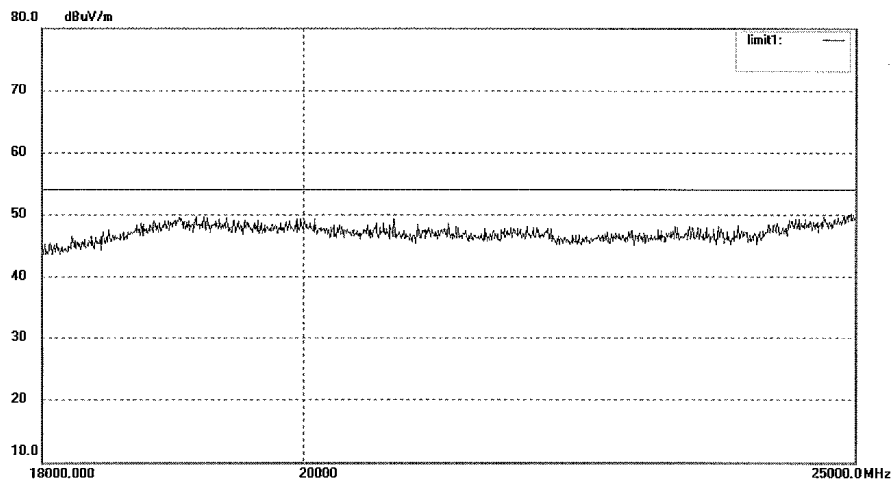
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber

Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: pei #9531	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/07/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10/59/31
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
-----	-------------	------------------	-------------	-----------------	----------------	-------------	----------	-------------	---------------	--------

Figure 30: Test figure of spurious emissions, mode A.3, Vertical polarity (18GHz – 25GHz), GFSK Modulation



ACCURATE TECHNOLOGY CO., LTD.
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

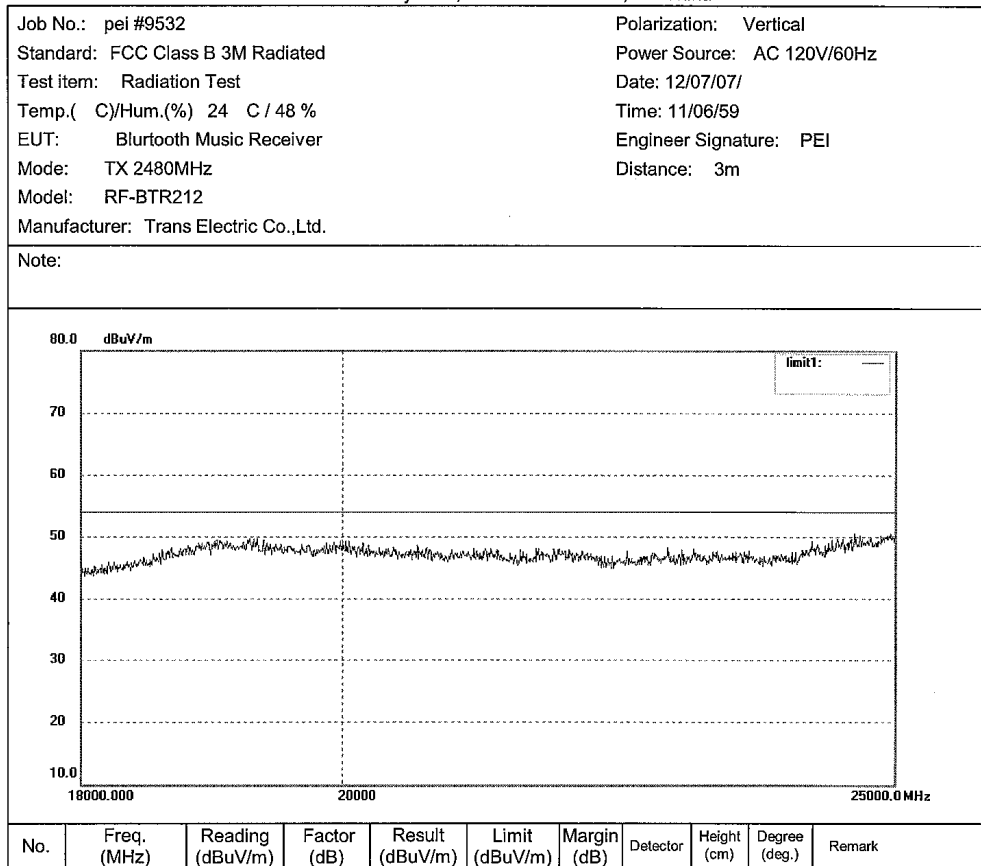
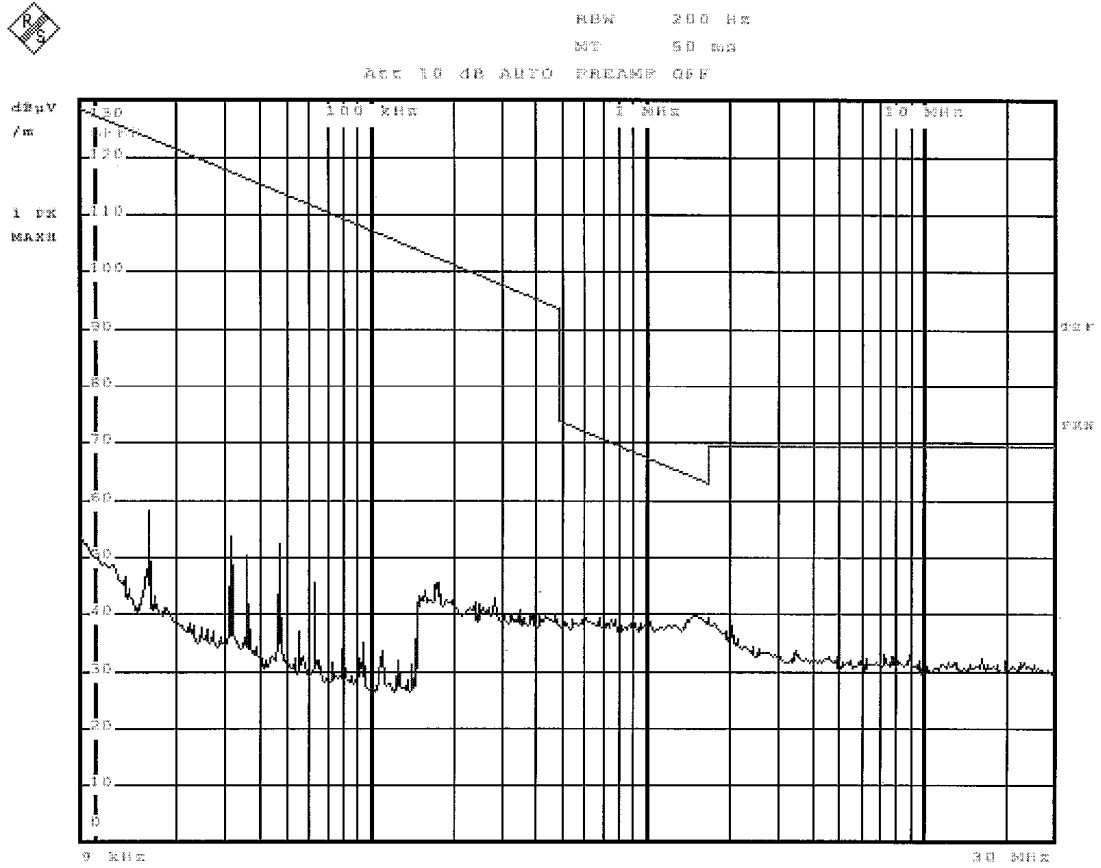
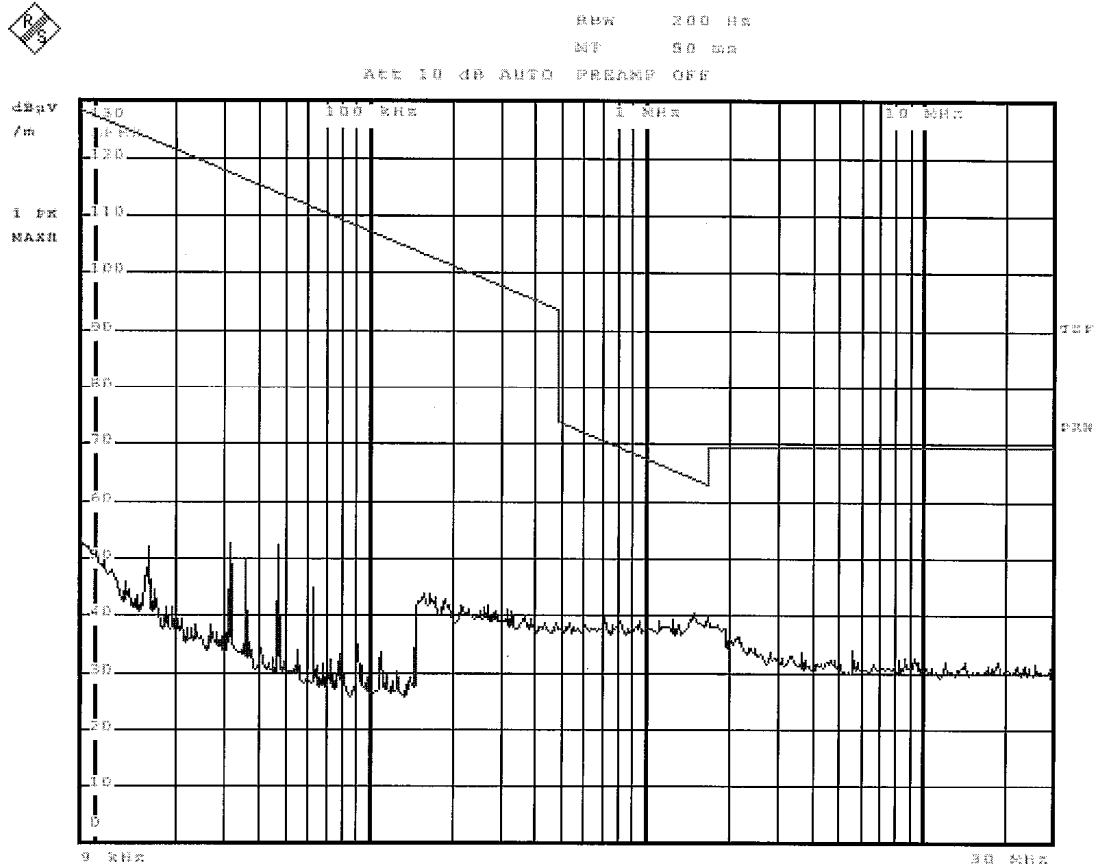


Figure 31: Test figure of spurious emissions, mode A.1, Horizontal polarity (9kHz – 30MHz), 8DPSK Modulation



Date: 30 JUN 2012 09:58:44

Figure 32: Test figure of spurious emissions, mode A.1, Vertical polarity (9kHz – 30MHz), 8DPSK Modulation



Date: 30 JUN 2012 20:00:51

Figure 33: Test figure of spurious emissions, mode A.1, Horizontal polarity (30MHz – 1GHz), 8DPSK Modulation



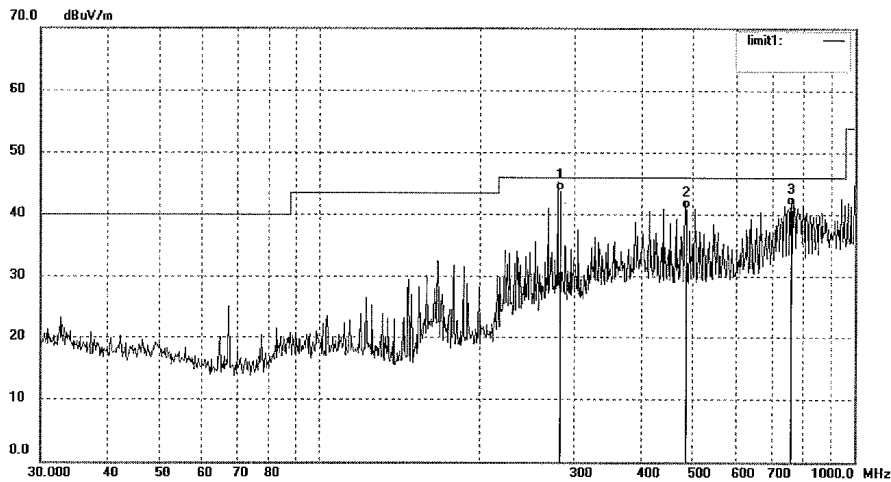
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: pei #9430	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 14:47:14
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2402MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	282.9735	25.39	18.38	43.77	46.00	-2.23	QP			
2	486.8700	17.20	23.91	41.11	46.00	-4.89	QP			
3	758.5735	13.80	27.75	41.55	46.00	-4.45	QP			

Figure 34: Test figure of spurious emissions, mode A.1, Vertical polarity (30MHz – 1GHz), 8DPSK Modulation



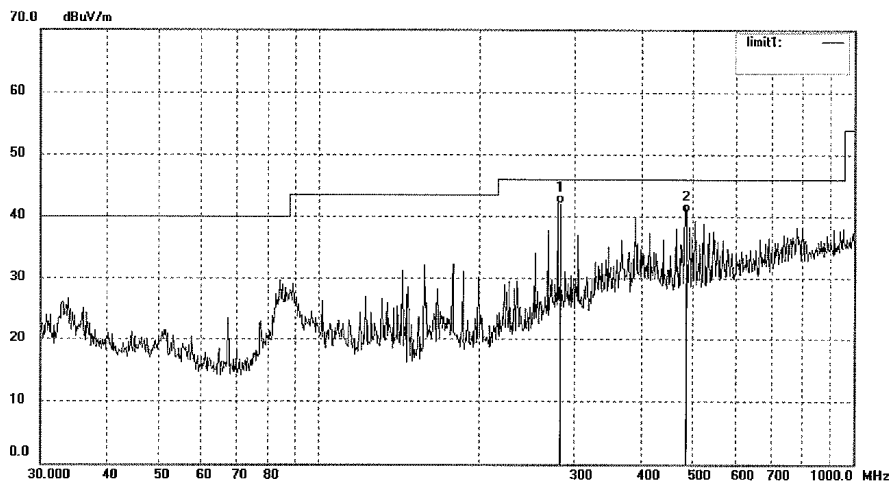
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9431	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 14:59:51
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2402MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	282.9774	23.76	18.38	42.14	46.00	-3.86	QP			
2	486.8270	16.85	23.91	40.76	46.00	-5.24	QP			

Figure 35: Test figure of spurious emissions, mode A.1, Horizontal polarity (1GHz –4GHz), 8DPSK Modulation

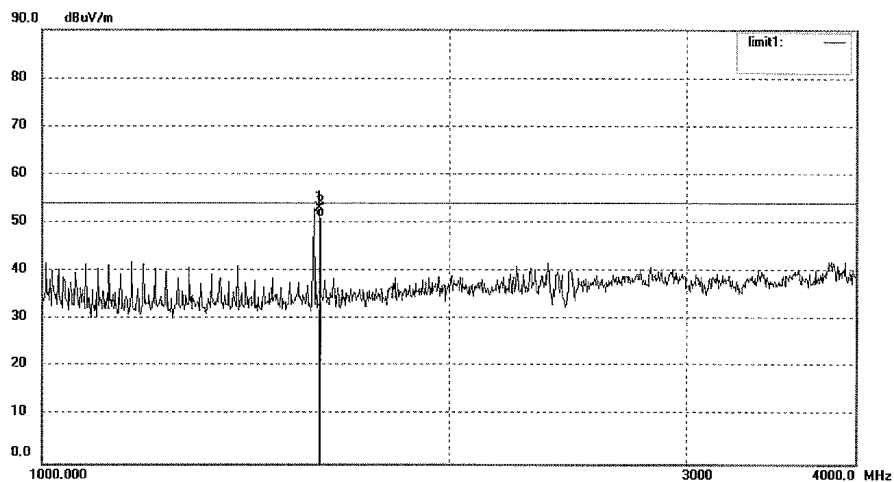


ACCURATE TECHNOLOGY CO., LTD.
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9403	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10:53:15
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2402MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1601.965	64.15	-11.07	53.08	74.00	-20.92	peak			
2	1601.965	62.27	-11.07	51.20	54.00	-2.80	AVG			

Figure 36: Test figure of spurious emissions, mode A.1, Vertical polarity (1GHz – 4GHz), 8DPSK Modulation

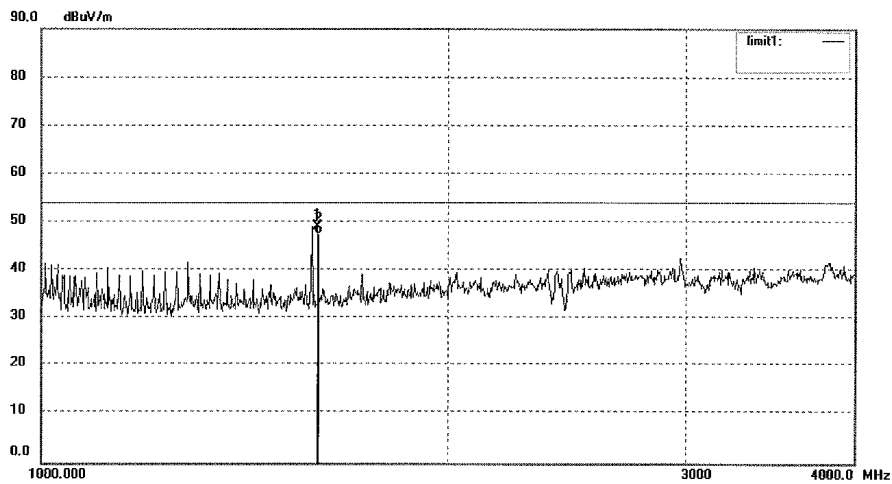


ACCURATE TECHNOLOGY CO., LTD.
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9402	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10:42:18
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2402MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1602.035	60.26	-11.07	49.19	74.00	-24.81	peak			
2	1602.035	58.57	-11.07	47.50	54.00	-6.50	AVG			

Figure 37: Test figure of spurious emissions, mode A.1, Horizontal polarity (4GHz –18GHz), 8DPSK Modulation



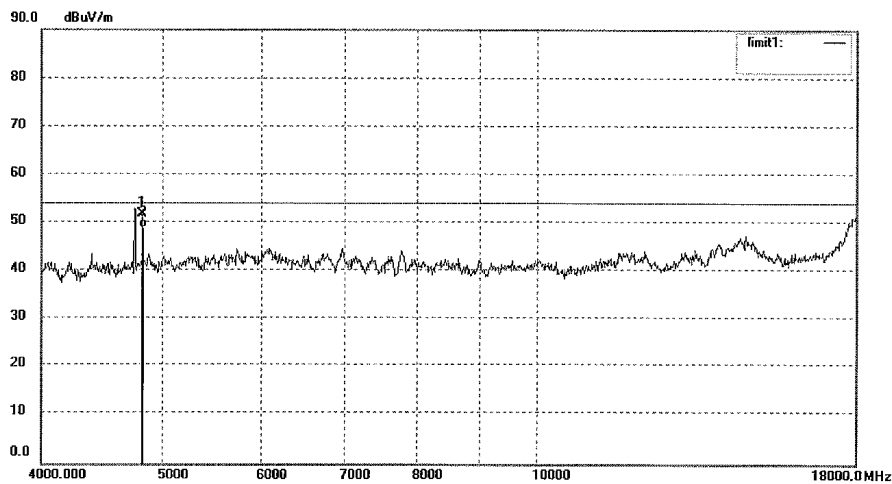
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: pei #9389	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 8:43:43
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2402MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4803.970	52.26	-0.30	51.96	74.00	-22.04	peak			
2	4803.970	49.20	-0.30	48.90	54.00	-5.10	AVG			

Figure 38: Test figure of spurious emissions, mode A.1, Vertical polarity (4GHz – 18GHz), 8DPSK Modulation

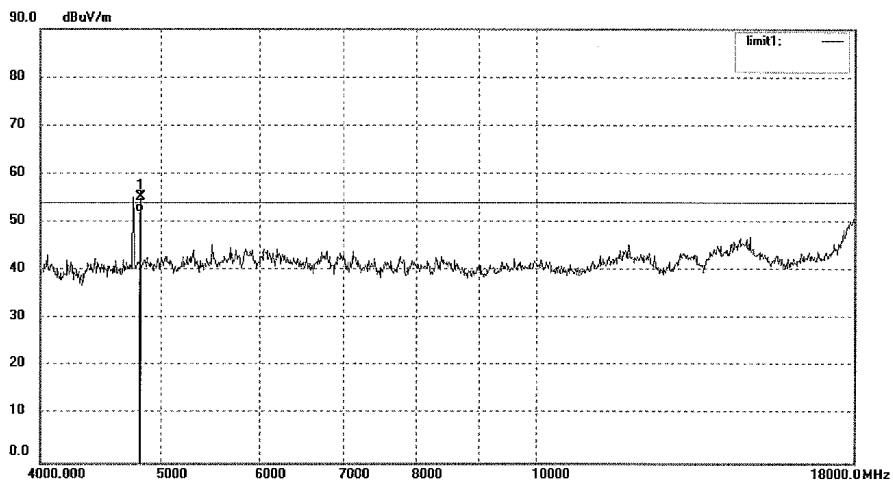


ACCURATE TECHNOLOGY CO., LTD.
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9388	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 8:34:44
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2402MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4803.945	55.60	-0.30	55.30	74.00	-18.70	peak			
2	4803.945	52.30	-0.30	52.00	54.00	-2.00	AVG			

Figure 39: Test figure of spurious emissions, mode A.1, Horizontal polarity (18GHz –25GHz), 8DPSK Modulation

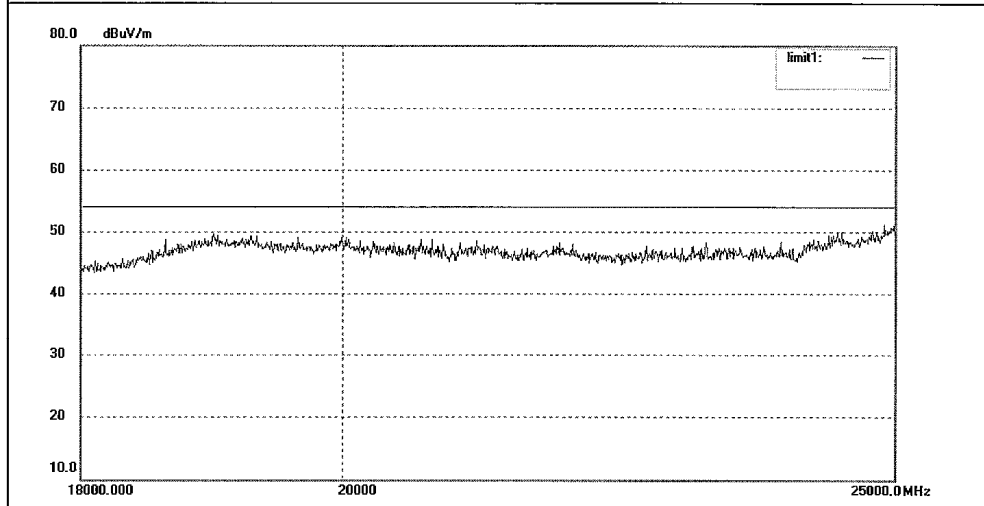


ACCURATE TECHNOLOGY CO., LTD.
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9419	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 13:13:03
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2402MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
-----	-------------	------------------	-------------	-----------------	----------------	-------------	----------	-------------	---------------	--------

Figure 40: Test figure of spurious emissions, mode A.1, Vertical polarity (18GHz – 25GHz), 8DPSK Modulation

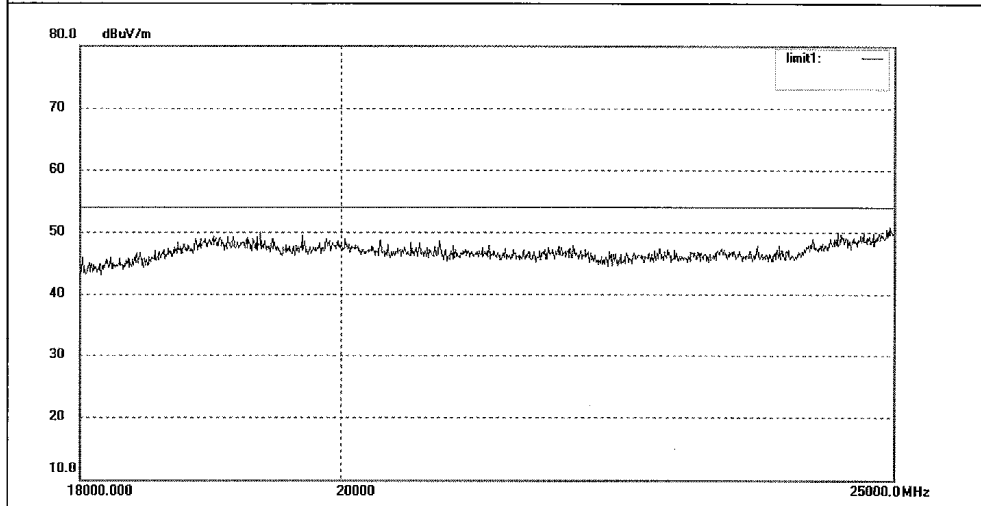


ACCURATE TECHNOLOGY CO., LTD.
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

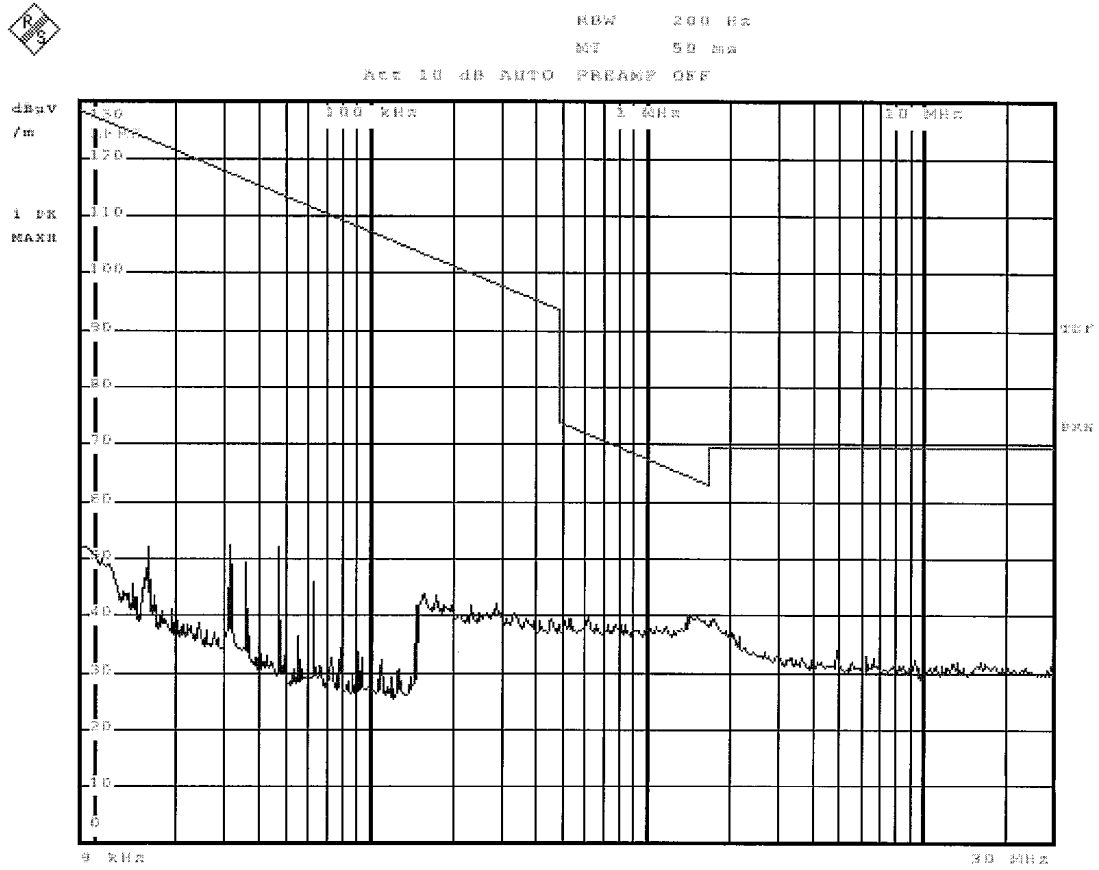
Job No.: pei #9418	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 13:07:03
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2402MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
-----	-------------	------------------	-------------	-----------------	----------------	-------------	----------	-------------	---------------	--------

Figure 41: Test figure of spurious emissions, mode A.2, Horizontal polarity (9kHz – 30MHz), 8DPSK Modulation



DATE : 20 JUN 2012 20:09:18

Figure 42: Test figure of spurious emissions, mode A.2, Vertical polarity (9kHz – 30MHz), 8DPSK Modulation

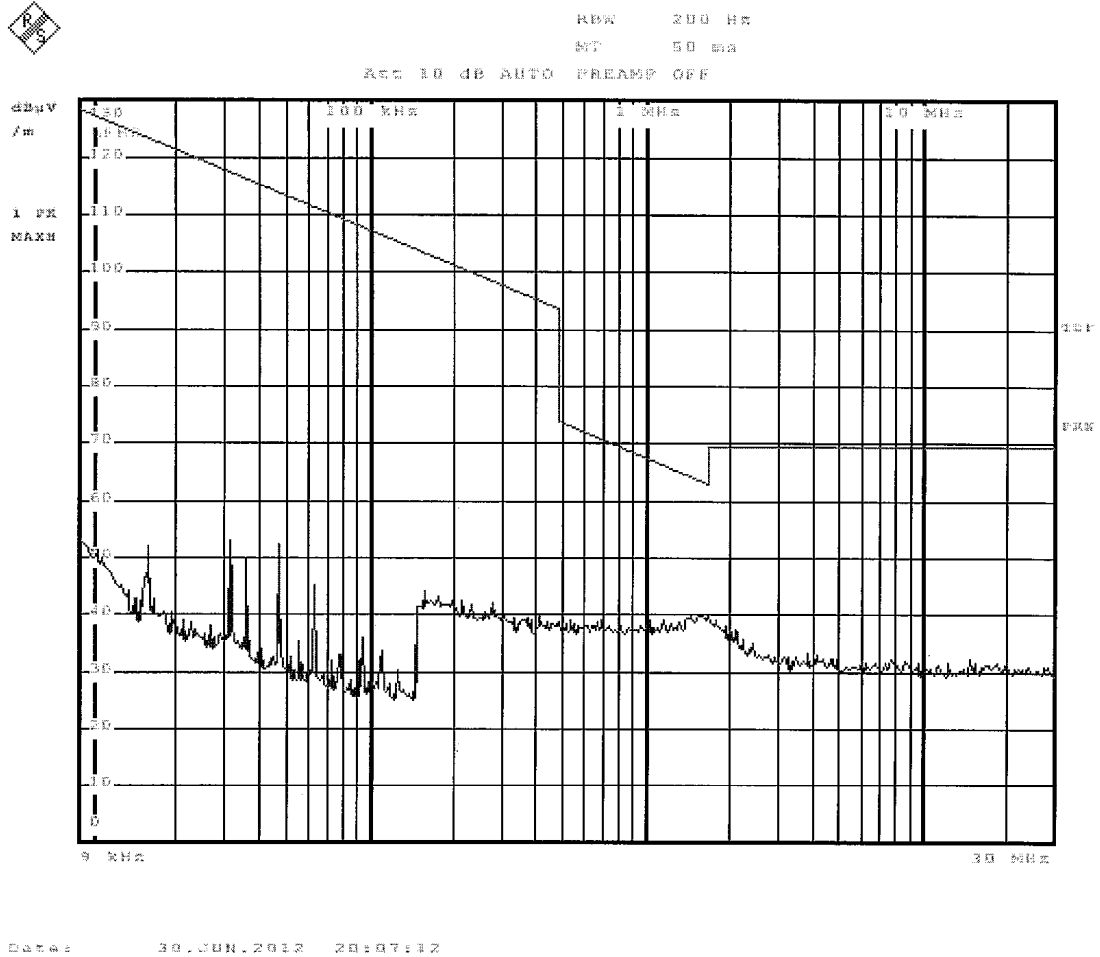


Figure 43: Test figure of spurious emissions, mode A.2, Horizontal polarity (30MHz – 1GHz), 8DPSK Modulation



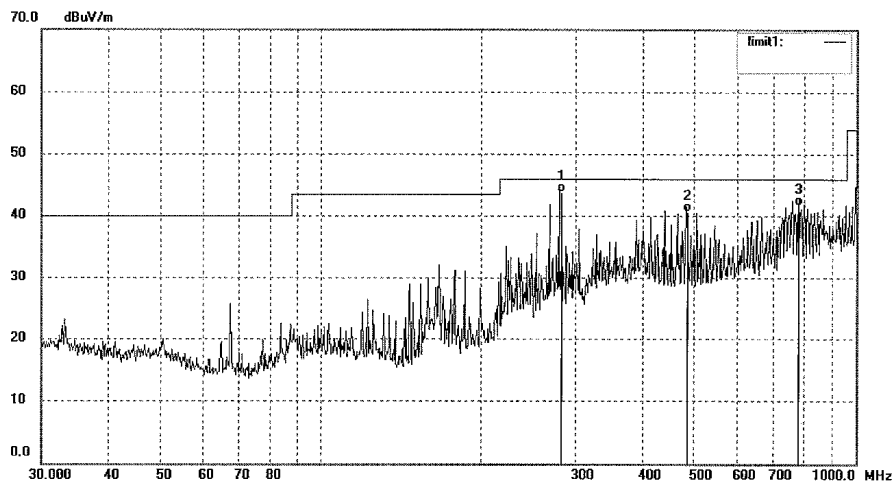
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: pei #9433	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 15:23:12
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2441MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	282.9715	25.42	18.38	43.80	46.00	-2.20	QP			
2	486.8270	16.72	23.91	40.63	46.00	-5.37	QP			
3	781.1946	13.87	27.84	41.71	46.00	-4.29	QP			

Figure 44: Test figure of spurious emissions, mode A.2, Vertical polarity (30MHz – 1GMHz), 8DPSK Modulation



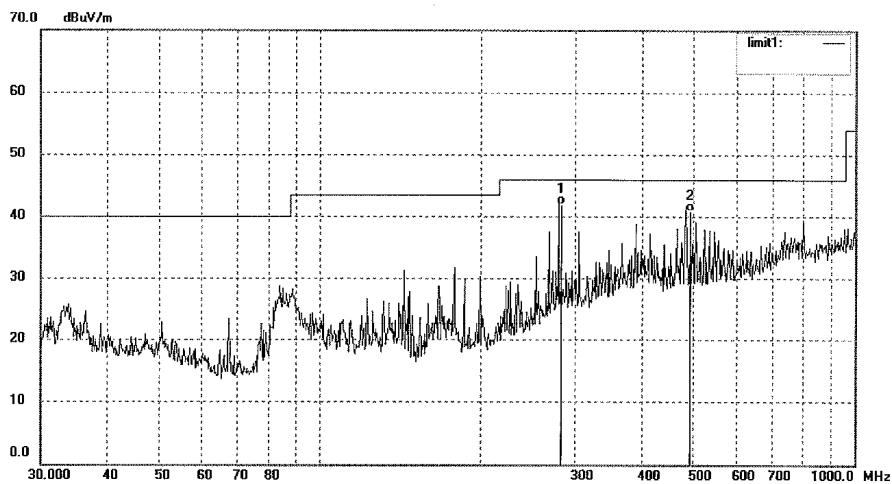
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9432	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 15:11:04
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2441MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	282.9896	23.56	18.38	41.94	46.00	-4.06	QP			
2	486.8460	16.89	23.91	40.80	46.00	-5.20	QP			

Figure 45: Test figure of spurious emissions, mode A.2, Horizontal polarity (1GHz – 4GHz), 8DPSK Modulation

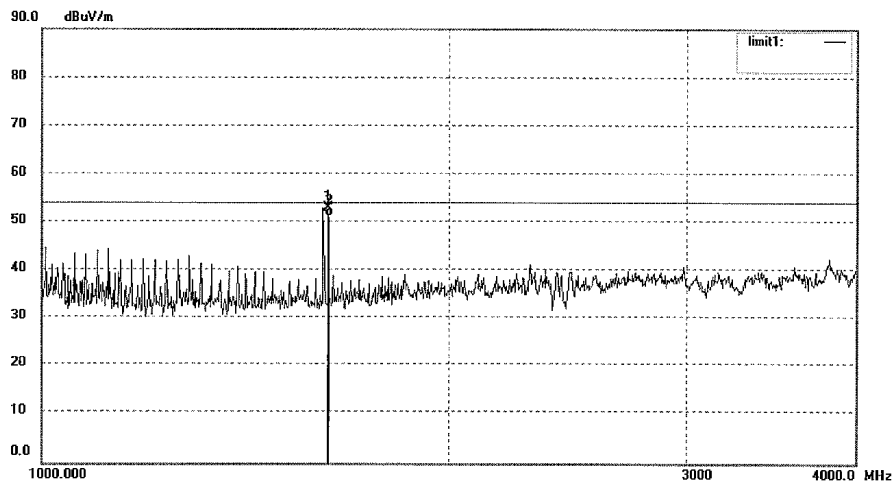


ACCURATE TECHNOLOGY CO., LTD.
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9400	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10:21:37
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2441MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1626.701	63.88	-10.92	52.96	74.00	-21.04	peak			
2	1626.701	62.02	-10.92	51.10	54.00	-2.90	AVG			

Figure 46: Test figure of spurious emissions, mode A.2, Vertical polarity (1GHz – 4GHz), 8DPSK Modulation



ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

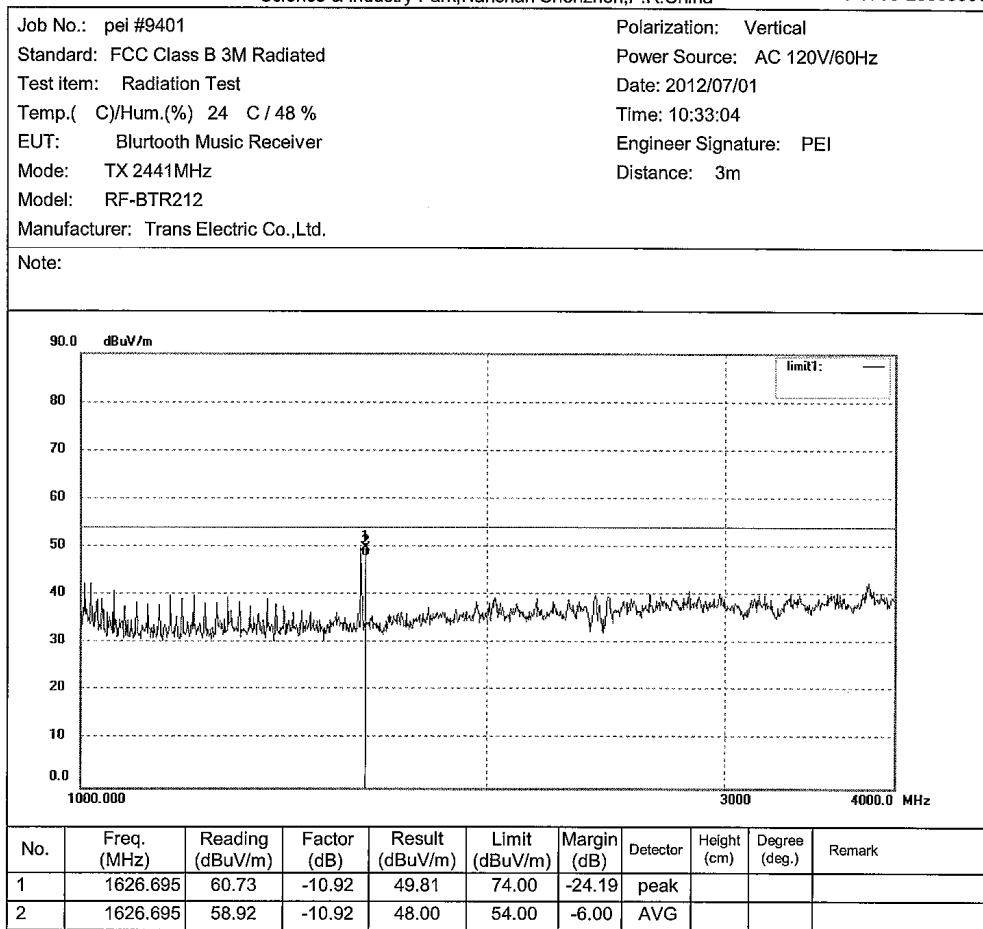


Figure 47: Test figure of spurious emissions, mode A.2, Horizontal polarity (4GHz – 18GHz), 8DPSK Modulation

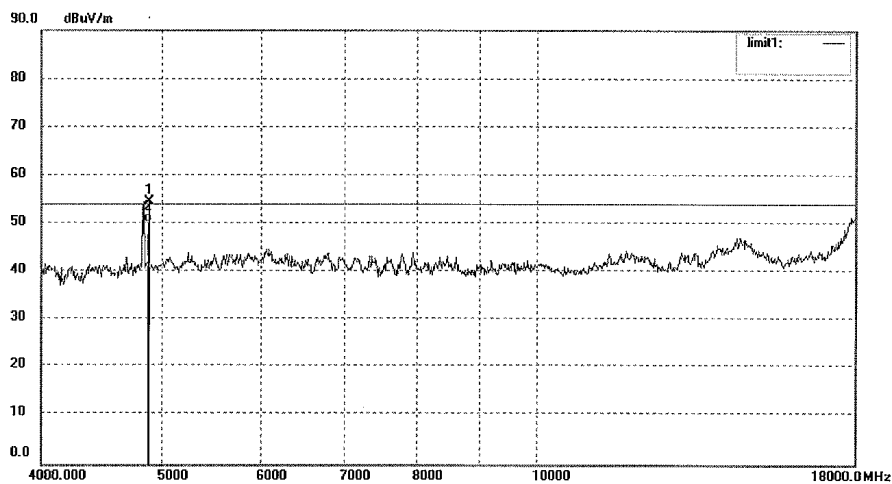


ACCURATE TECHNOLOGY CO., LTD.
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9398	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test Item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10:04:42
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2441MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4881.678	54.38	0.14	54.52	74.00	-19.48	peak			
2	4881.678	50.26	0.14	50.40	54.00	-3.60	AVG			

Figure 48: Test figure of spurious emissions, mode A.2, Vertical polarity (4GHz – 18GHz), 8DPSK Modulation



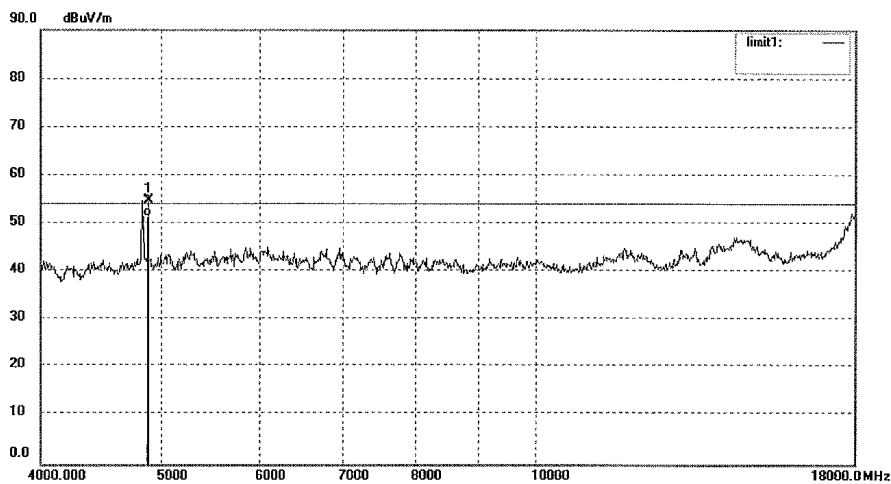
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9399	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10:12:32
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2441MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4881.659	54.68	0.14	54.82	74.00	-19.18	peak			
2	4881.659	51.36	0.14	51.50	54.00	-2.50	AVG			

Figure 49: Test figure of spurious emissions, mode A.2, Horizontal polarity (18GHz – 25GHz), 8DPSK Modulation



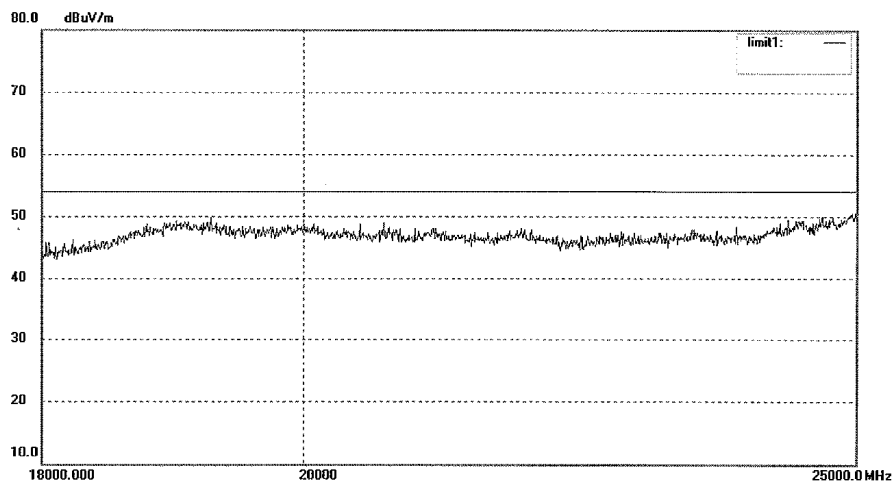
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9420	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 13:19:34
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2441MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
-----	-------------	------------------	-------------	-----------------	----------------	-------------	----------	-------------	---------------	--------

Figure 50: Test figure of spurious emissions, mode A.2, Vertical polarity (18GHz – 25GHz), 8DPSK Modulation



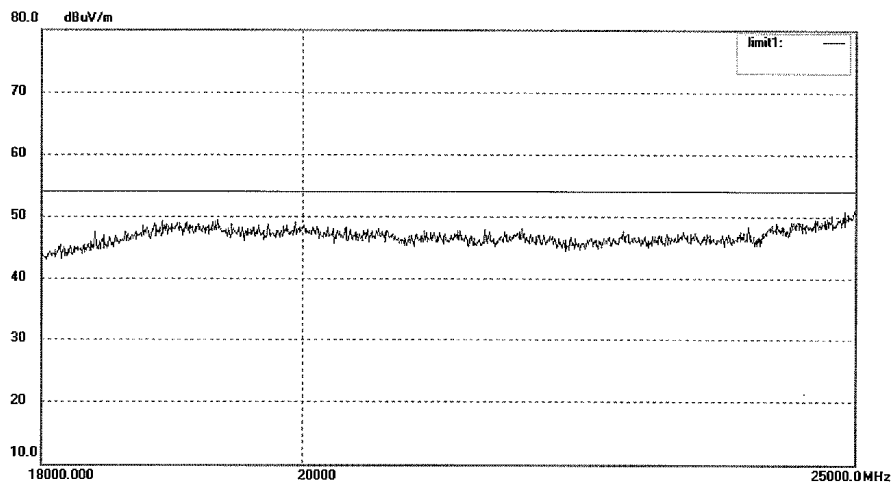
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

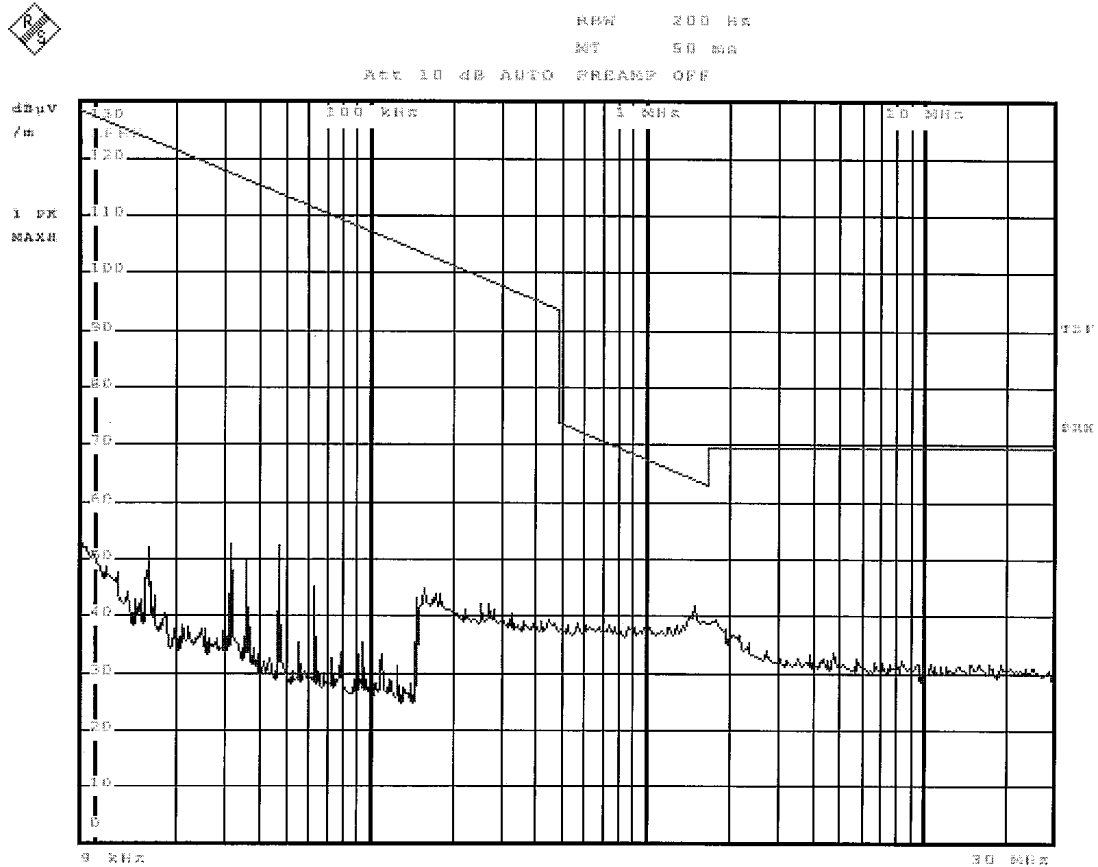
Job No.: pei #9421	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 13:26:10
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2441MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



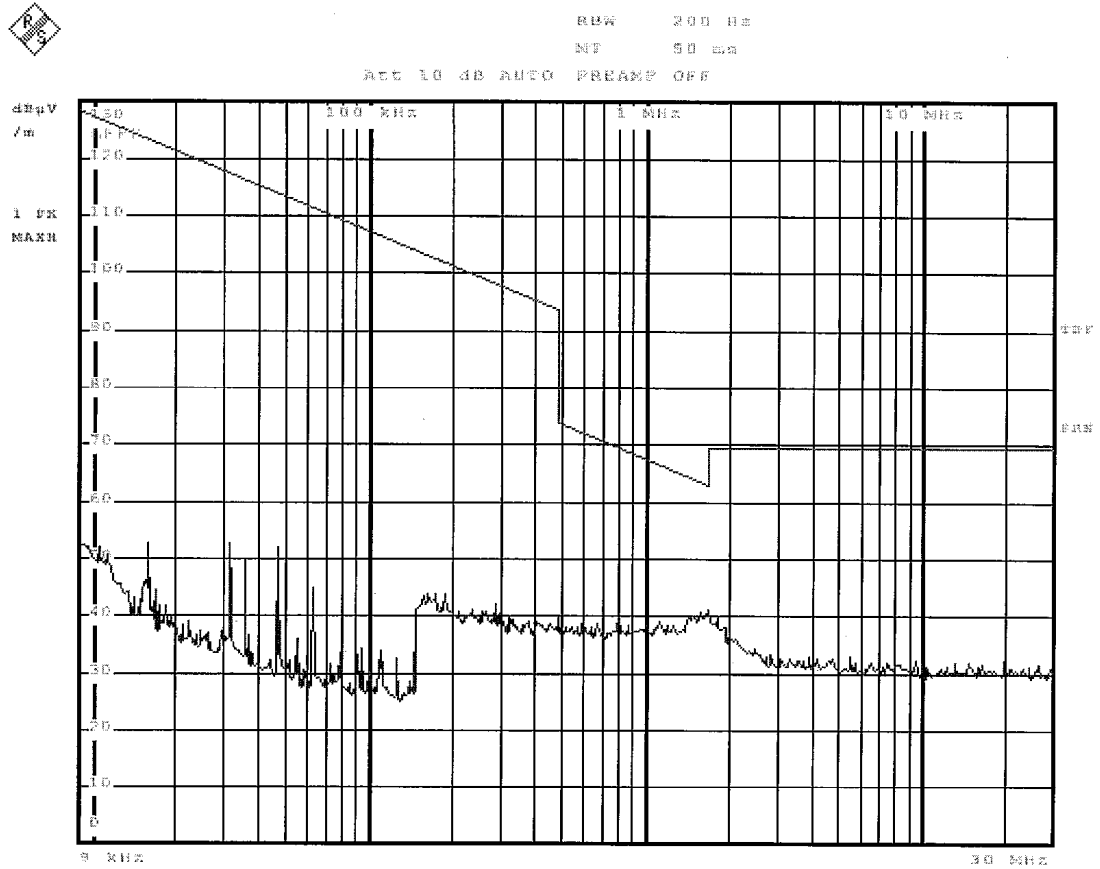
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
-----	-------------	------------------	-------------	-----------------	----------------	-------------	----------	-------------	---------------	--------

Figure 51: Test figure of spurious emissions, mode A.3, Horizontal polarity (9kHz – 30MHz), 8DPSK Modulation



Date: 30 JUN 2012 20:33:27

Figure 52: Test figure of spurious emissions, mode A.3, Vertical polarity (9kHz – 30MHz), 8DPSK Modulation



Date: 20 JUN 2023 20:15:30

Figure 53: Test figure of spurious emissions, mode A.3, Horizontal polarity (30MHz – 1GHz), 8DPSK Modulation



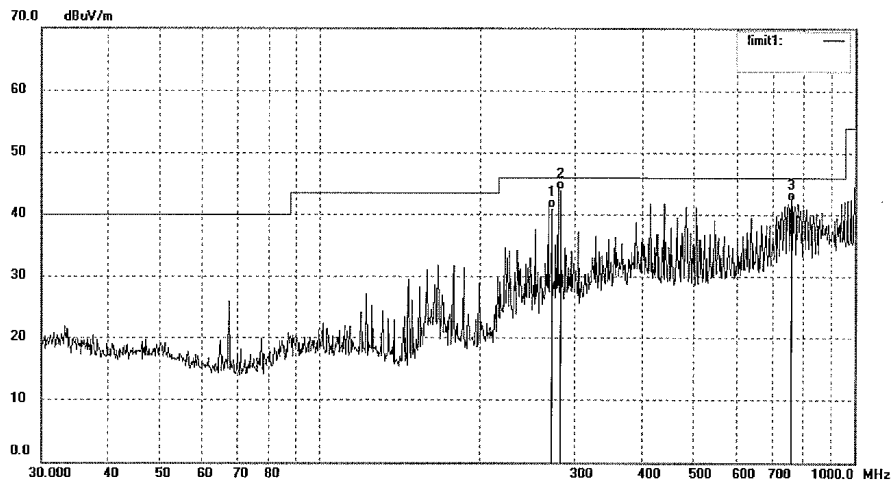
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9434	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 15:38:51
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	271.7000	22.79	18.23	41.02	46.00	-4.98	QP			
2	282.9768	25.72	18.38	44.10	46.00	-1.90	QP			
3	758.5565	14.45	27.75	42.20	46.00	-3.80	QP			

Figure 54: Test figure of spurious emissions, mode A.3, Vertical polarity (30MHz – 1GHz), 8DPSK Modulation



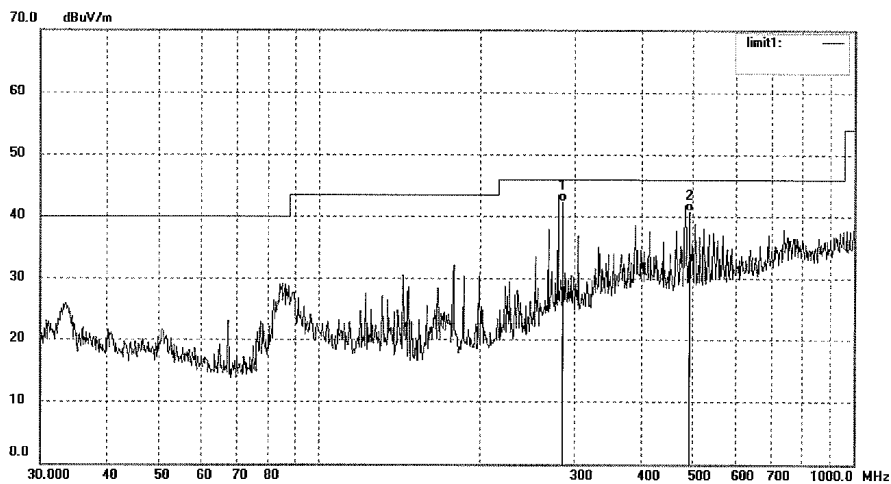
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: pei #9435	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 15:47:55
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	282.9791	24.08	18.38	42.46	46.00	-3.54	QP			
2	486.8365	16.93	23.91	40.84	46.00	-5.16	QP			

Figure 55: Test figure of spurious emissions, mode A.3, Horizontal polarity (1GHz –4GHz), 8DPSK Modulation



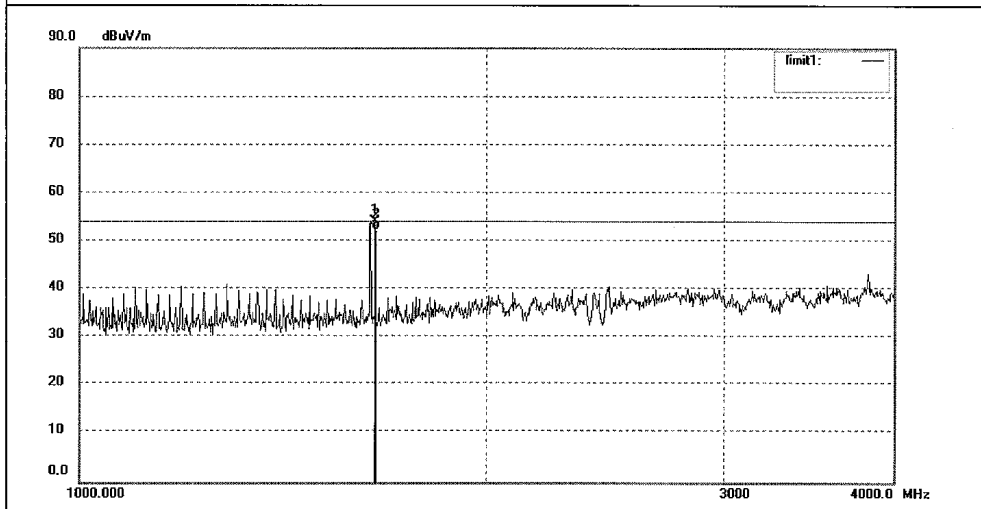
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9404	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 11:09:43
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1652.707	64.79	-10.74	54.05	74.00	-19.95	peak			
2	1652.707	63.14	-10.74	52.40	54.00	-1.60	AVG			

Figure 56: Test figure of spurious emissions, mode A.3, Vertical polarity (1GHz – 4GHz), 8DPSK Modulation

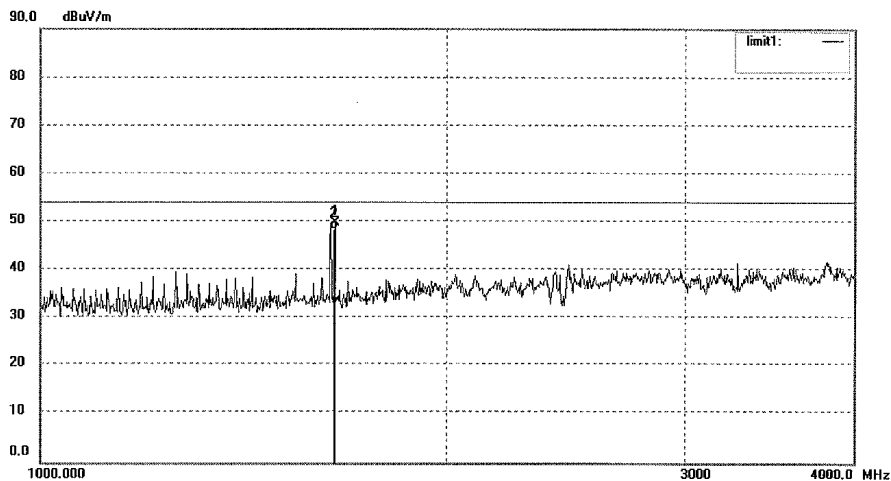


ACCURATE TECHNOLOGY CO., LTD.
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9405	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 11:16:23
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1652.692	60.64	-10.74	49.90	74.00	-24.10	peak			
2	1652.692	59.24	-10.74	48.50	54.00	-5.50	AVG			

Figure 57: Test figure of spurious emissions, mode A.3, Horizontal polarity (4GHz –18GHz), 8DPSK Modulation



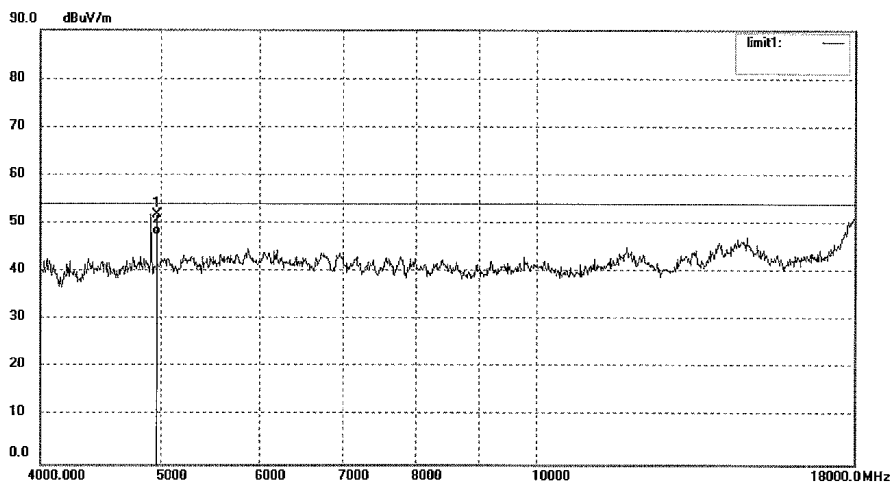
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9397	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 9:55:28
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4959.931	51.27	0.52	51.79	74.00	-22.21	peak			
2	4959.931	47.08	0.52	47.60	54.00	-6.40	AVG			

Figure 58: Test figure of spurious emissions, mode A.3, Vertical polarity (4GHz – 18GHz), 8DPSK Modulation

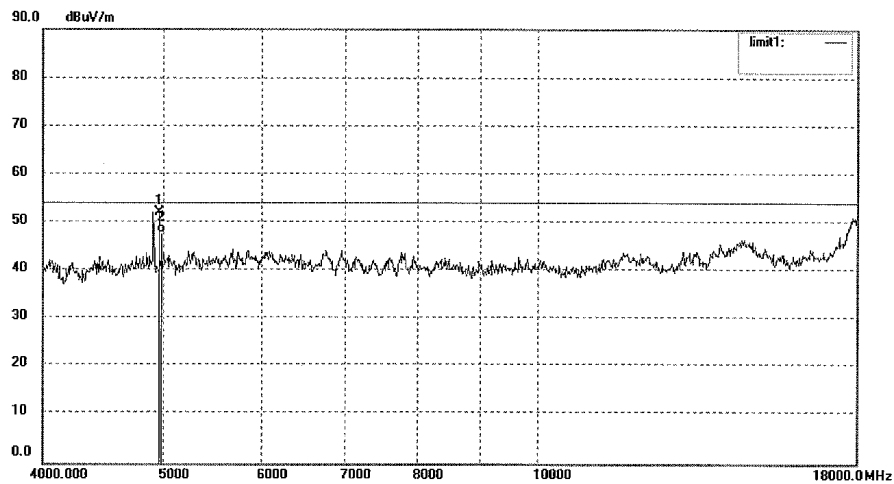


ACCURATE TECHNOLOGY CO., LTD.
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9396	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 9:47:24
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4959.946	51.52	0.52	52.04	74.00	-21.96	peak			
2	4959.946	47.28	0.52	47.80	54.00	-6.20	AVG			

Figure 59: Test figure of spurious emissions, mode A.3, Horizontal polarity (18GHz –25GHz), 8DPSK Modulation



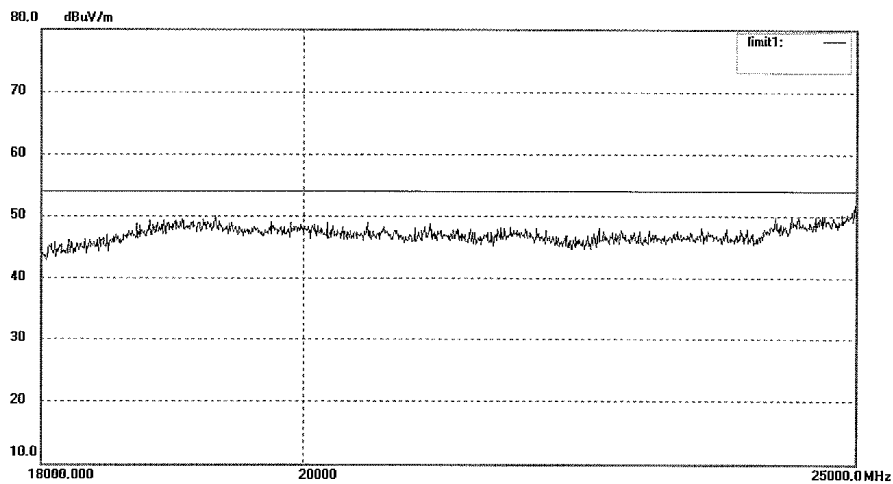
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9423	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 13:41:42
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
-----	-------------	------------------	-------------	-----------------	----------------	-------------	----------	-------------	---------------	--------

Figure 60: Test figure of spurious emissions, mode A.3, Vertical polarity (18GHz – 25GHz), 8DPSK Modulation



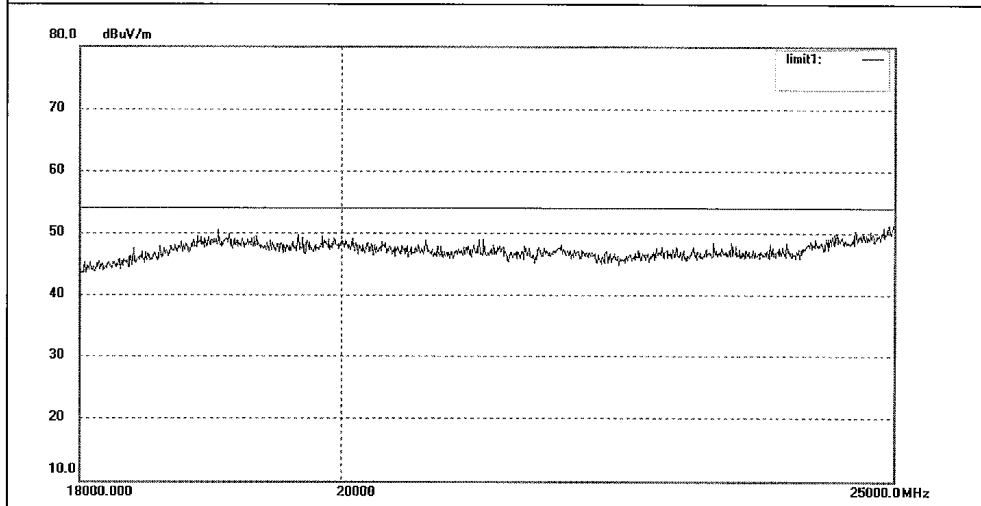
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

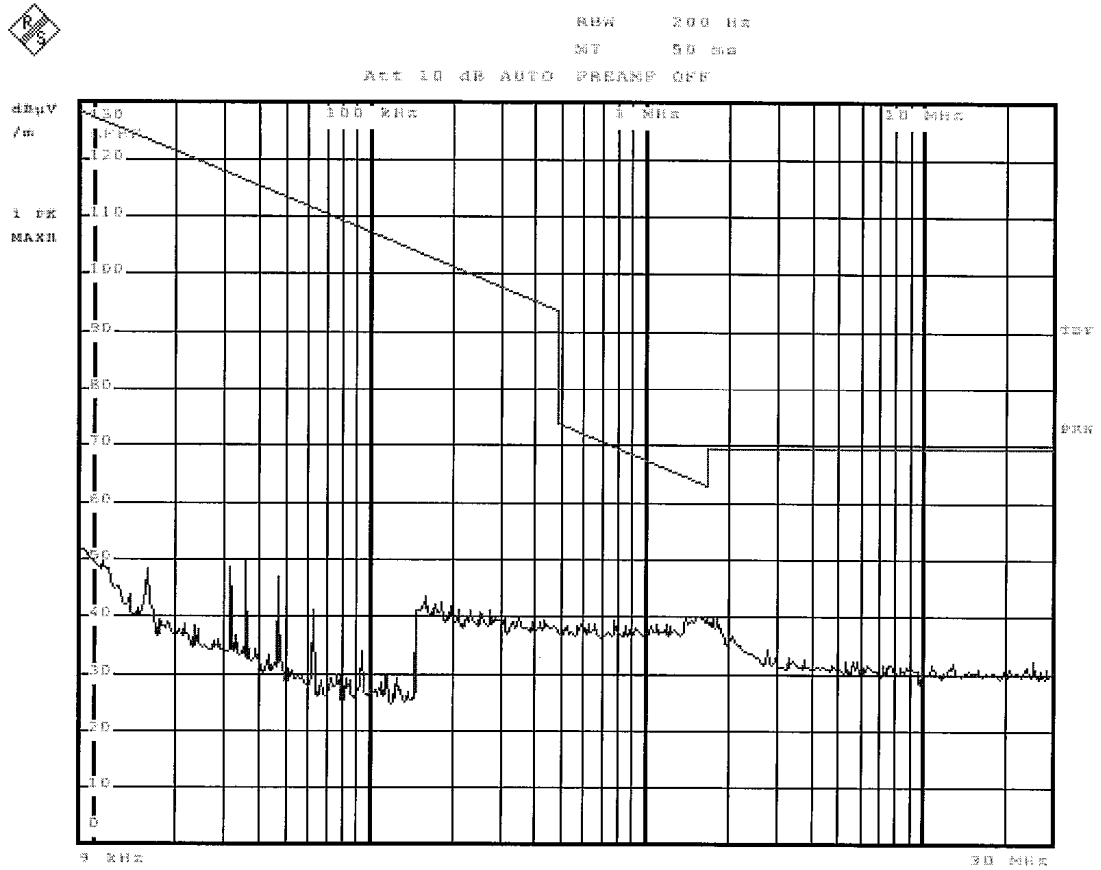
Job No.: pei #9422	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 13:32:16
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
-----	-------------	------------------	-------------	-----------------	----------------	-------------	----------	-------------	---------------	--------

Figure 61: Test figure of spurious emissions, mode C, Horizontal polarity (9kHz – 30MHz), GFSK Modulation



Date: 8. JUL. 2012 04:33:10

Figure 62: Test figure of spurious emissions, mode C, Vertical polarity (9kHz – 30MHz), GFSK Modulation

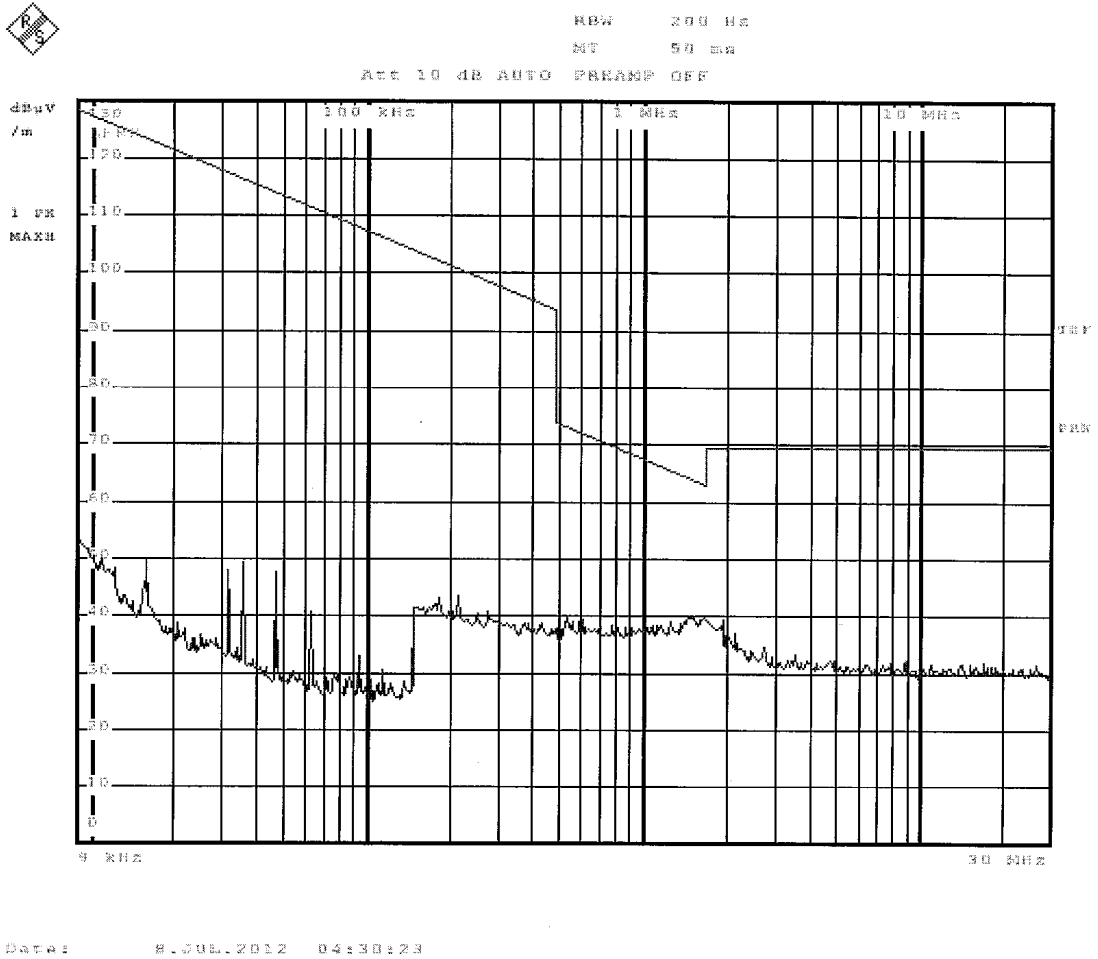


Figure 63: Test figure of spurious emissions, mode C, Horizontal polarity (30MHz – 1GHz), GFSK Modulation



ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

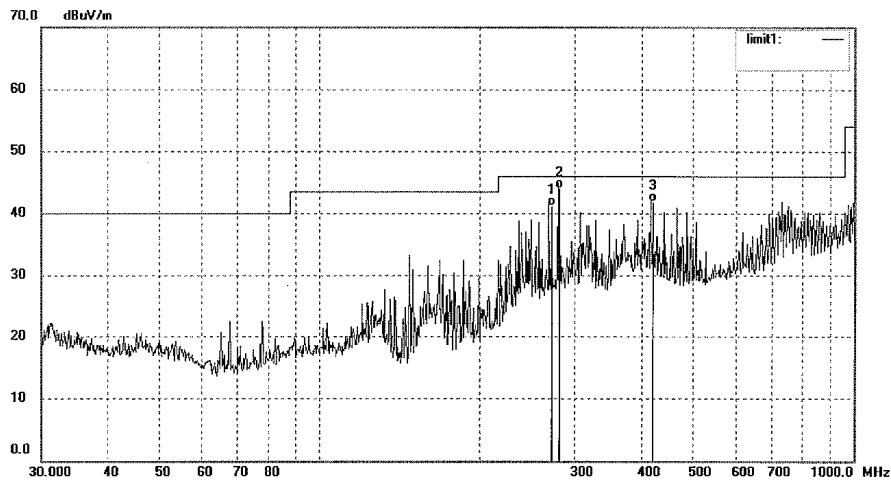
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9475	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 8/38/23
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: RX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	273.0844	23.03	18.24	41.27	46.00	-4.73	QP			
2	282.9736	25.56	18.38	43.94	46.00	-2.06	QP			
3	421.0081	18.66	23.17	41.83	46.00	-4.17	QP			

Figure 64: Test figure of spurious emissions, mode C, Vertical polarity (30MHz – 1GHz), GFSK Modulation

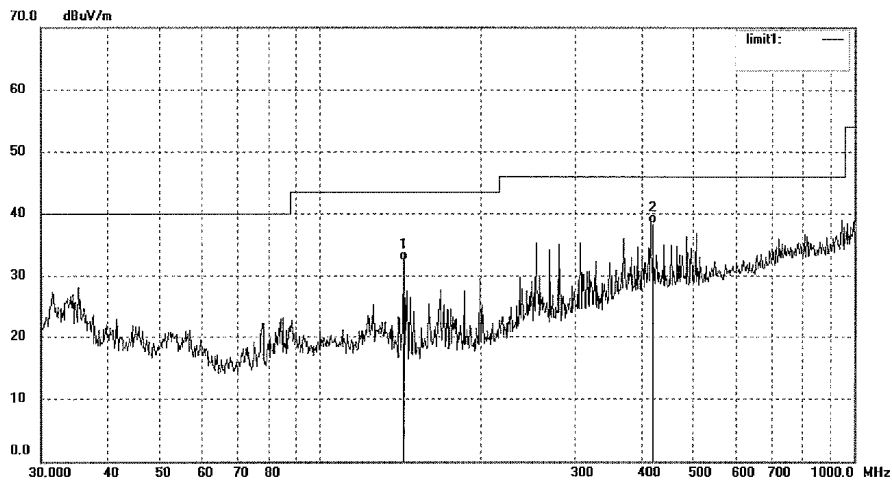


ACCURATE TECHNOLOGY CO., LTD.
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9476	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 8/46/04
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: RX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	143.1950	20.97	11.48	32.45	43.50	-11.05	QP			
2	421.0139	15.32	23.17	38.49	46.00	-7.51	QP			

Figure 65: Test figure of spurious emissions, mode C, Horizontal polarity (1GHz –18GHz), GFSK Modulation

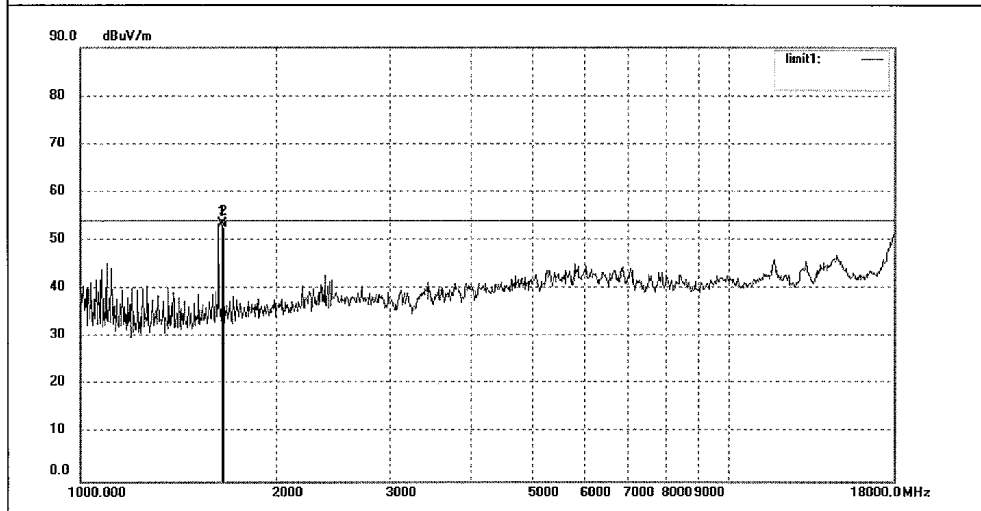


ACCURATE TECHNOLOGY CO., LTD.
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9477	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 8/55/15
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: RX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1654.360	64.05	-10.72	53.33	54.00	-0.67	peak			
2	1654.360	63.52	-10.72	52.80	54.00	-1.20	AVG			

Figure 66: Test figure of spurious emissions, mode C, Vertical polarity (1GHz – 18GHz), GFSK Modulation



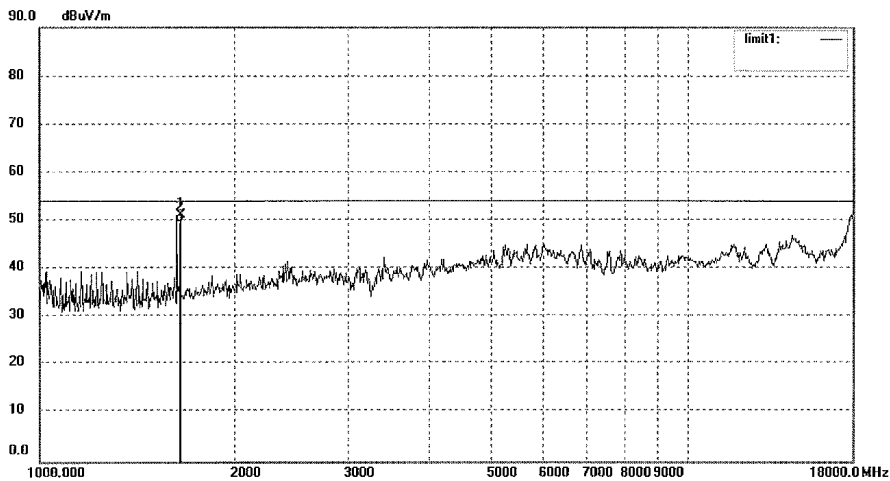
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9478	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 9/04/42
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: RX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1654.344	61.88	-10.72	51.16	54.00	-2.84	peak			
2	1654.344	60.35	-10.72	49.63	54.00	-4.37	AVG			

Figure 67: Test figure of spurious emissions, mode C, Horizontal polarity (18GHz –25GHz), GFSK Modulation

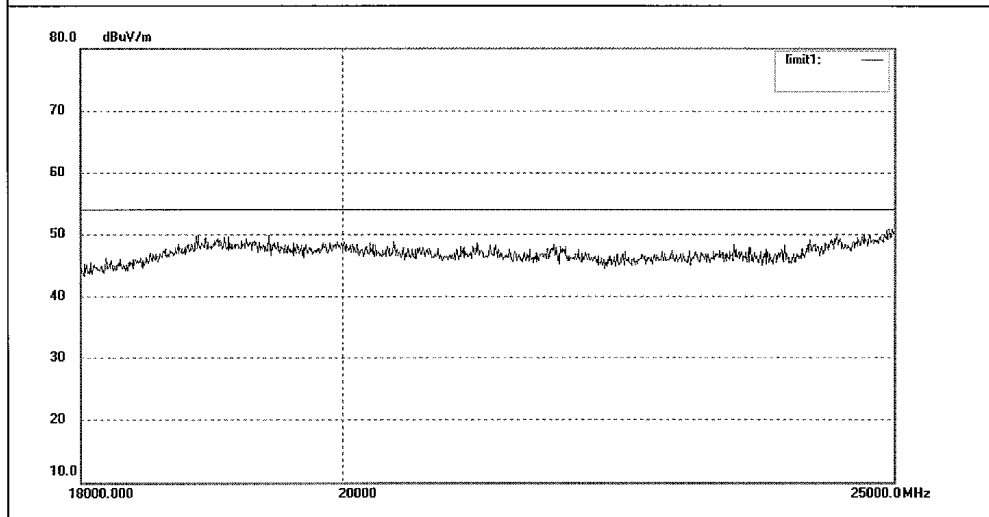


ACCURATE TECHNOLOGY CO., LTD.
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9526	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/07/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10/18/58
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: RX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
-----	-------------	------------------	-------------	-----------------	----------------	-------------	----------	-------------	---------------	--------

Figure 68: Test figure of spurious emissions, mode C, Vertical polarity (18GHz – 25GHz), GFSK Modulation

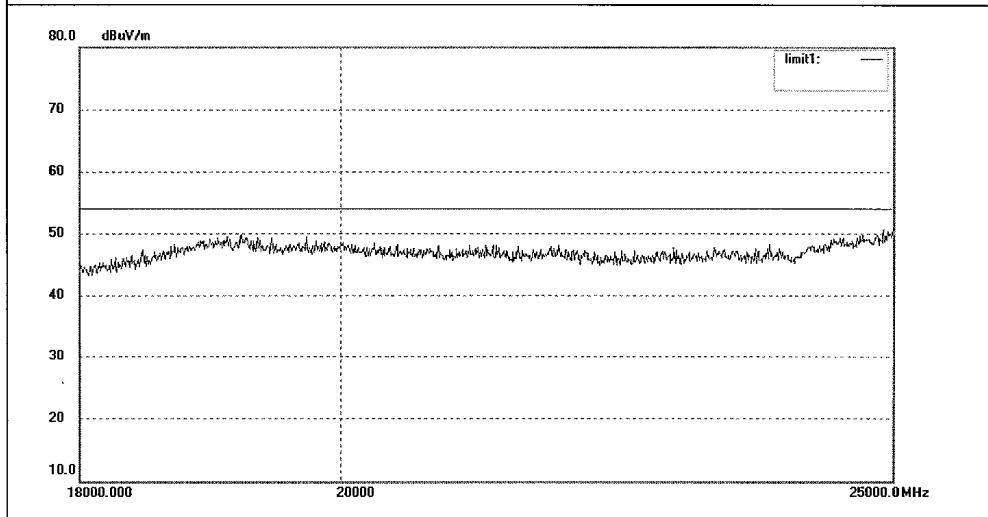


ACCURATE TECHNOLOGY CO., LTD.
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9525	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/07
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10/09/39
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: RX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
-----	-------------	------------------	-------------	-----------------	----------------	-------------	----------	-------------	---------------	--------

Figure 69: Test figure of spurious emissions, mode C, Horizontal polarity (9kHz – 30MHz), 8DPSK Modulation

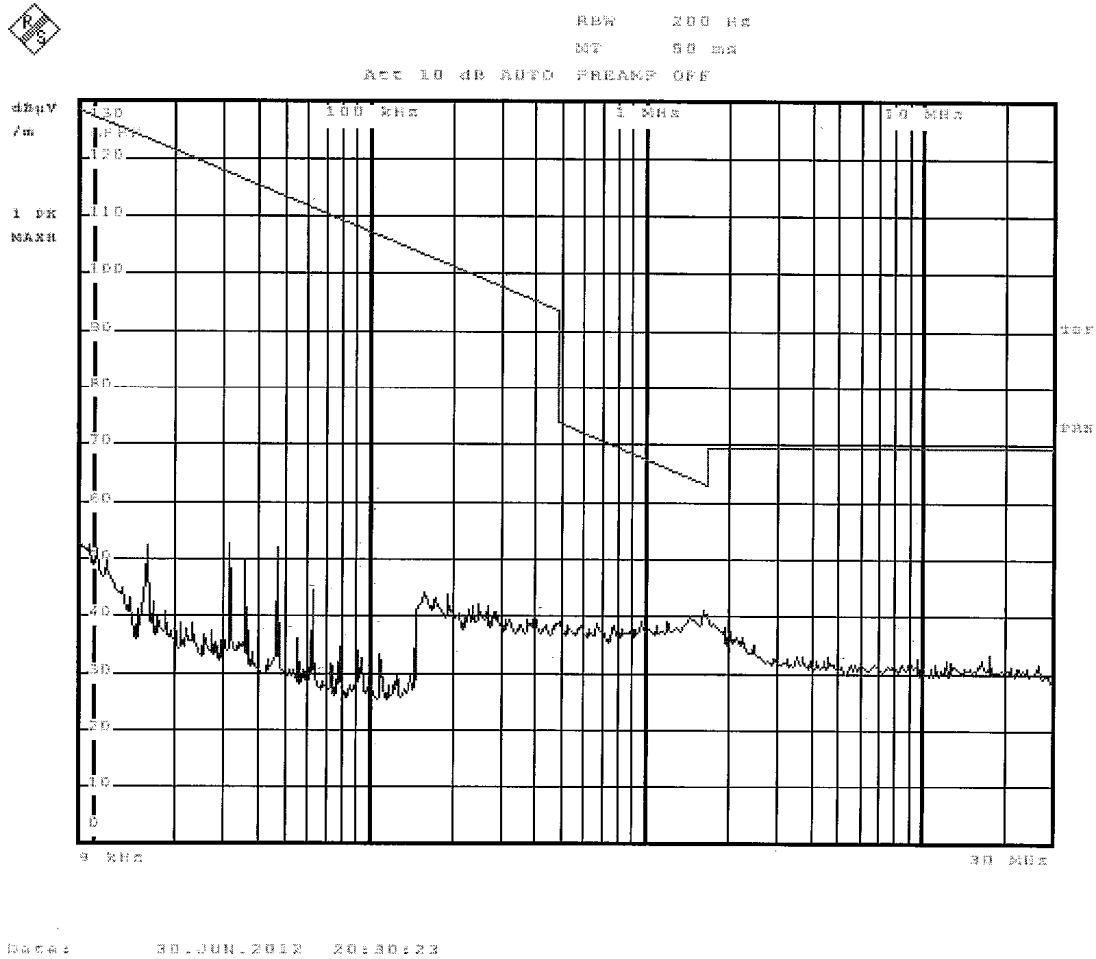
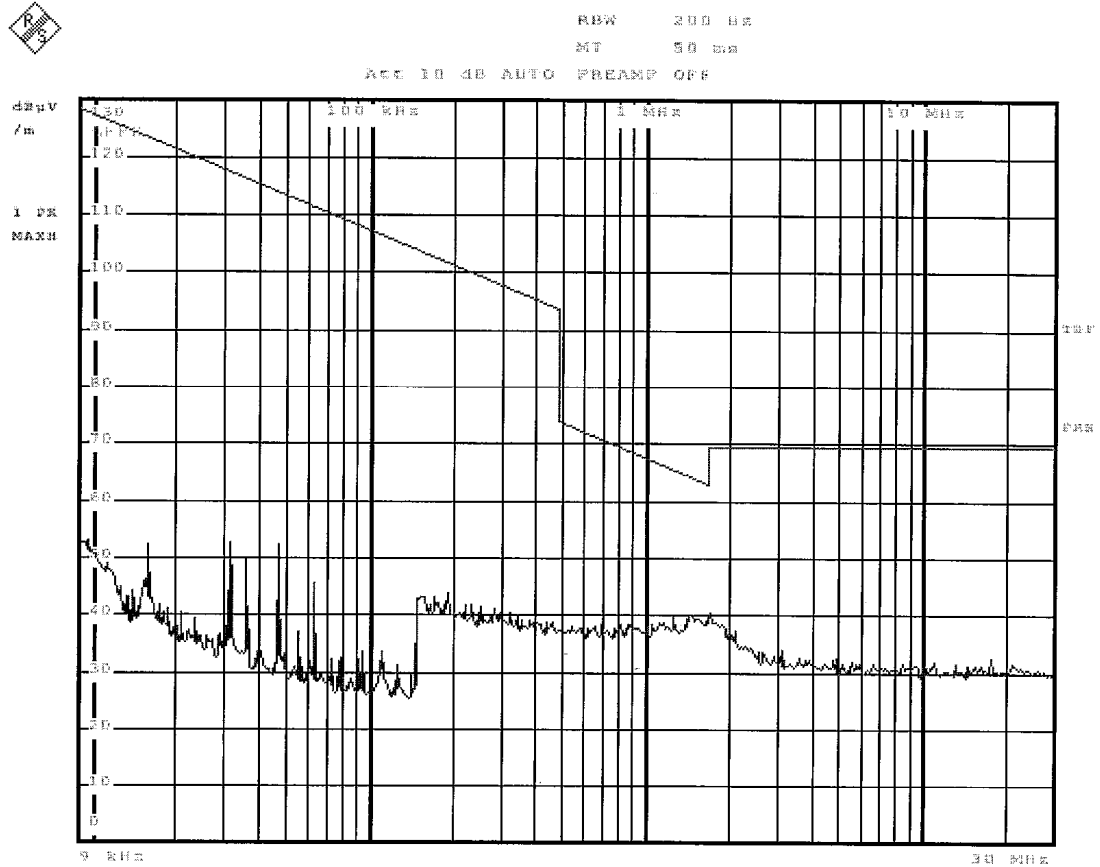


Figure 70: Test figure of spurious emissions, mode C, Vertical polarity (9kHz – 30MHz), 8DPSK Modulation



Date: 30 JUN 2012 20:32:21

Figure 71: Test figure of spurious emissions, mode C, Horizontal polarity (30MHz – 1GHz), 8DPSK Modulation



ACCURATE TECHNOLOGY CO., LTD.

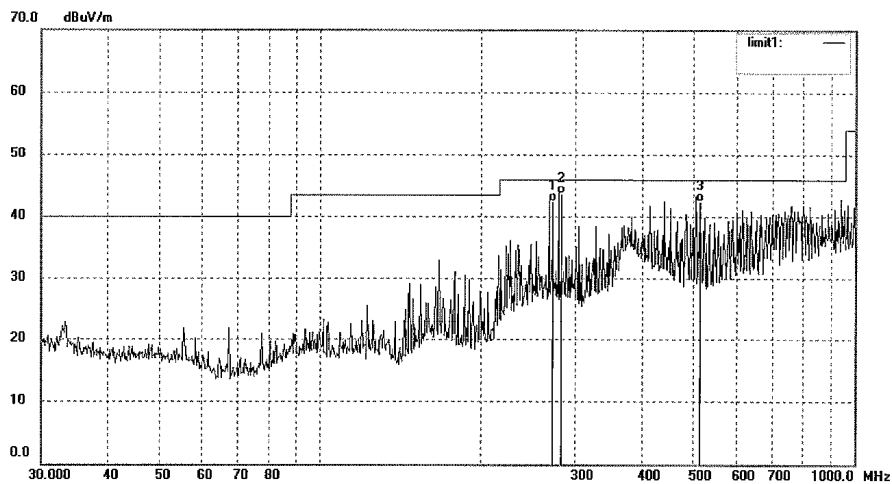
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber

Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9429	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 14:38:23
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: RX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	271.7334	24.15	18.23	42.38	46.00	-3.62	QP			
2	282.9834	25.37	18.38	43.75	46.00	-2.25	QP			
3	509.5080	18.25	24.12	42.37	46.00	-3.63	QP			

Figure 72: Test figure of spurious emissions, mode C, Vertical polarity (30MHz – 1GHz), 8DPSK Modulation



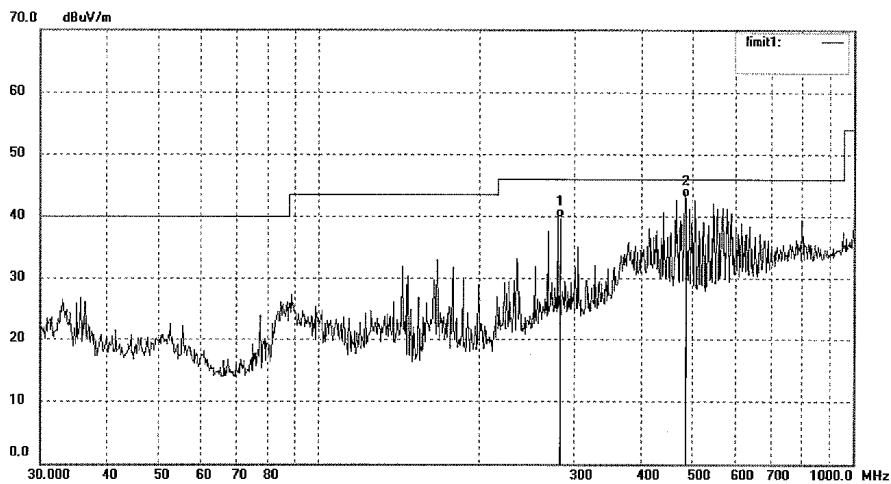
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9428	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 14:26:02
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: RX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	282.9762	21.44	18.38	39.82	46.00	-6.18	QP			
2	486.8650	19.19	23.91	43.10	46.00	-2.90	QP			

Figure 73: Test figure of spurious emissions, mode C, Horizontal polarity (1GHz –18GHz), 8DPSK Modulation



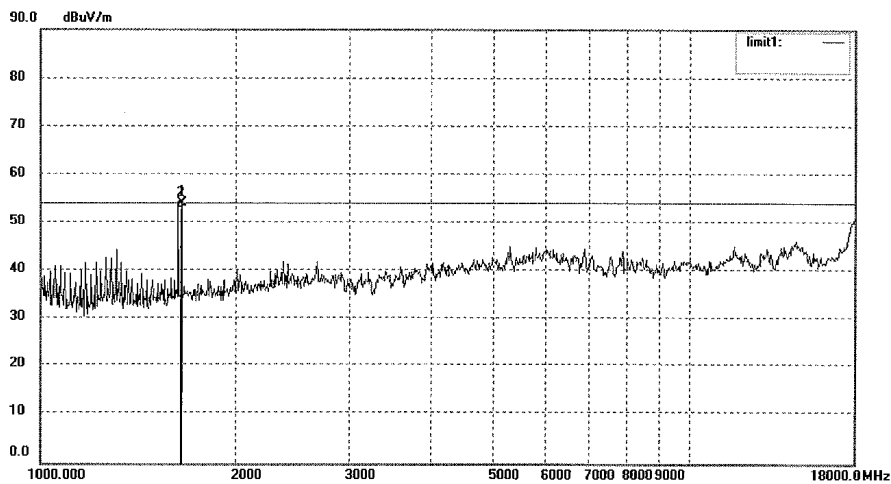
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9411	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 12:11:44
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: RX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1654.363	64.82	-10.72	54.10	74.00	-19.90	peak			
2	1654.363	63.72	-10.72	53.00	54.00	-1.00	AVG			

Figure 74: Test figure of spurious emissions, mode C, Vertical polarity (1GHz – 18GHz), 8DPSK Modulation



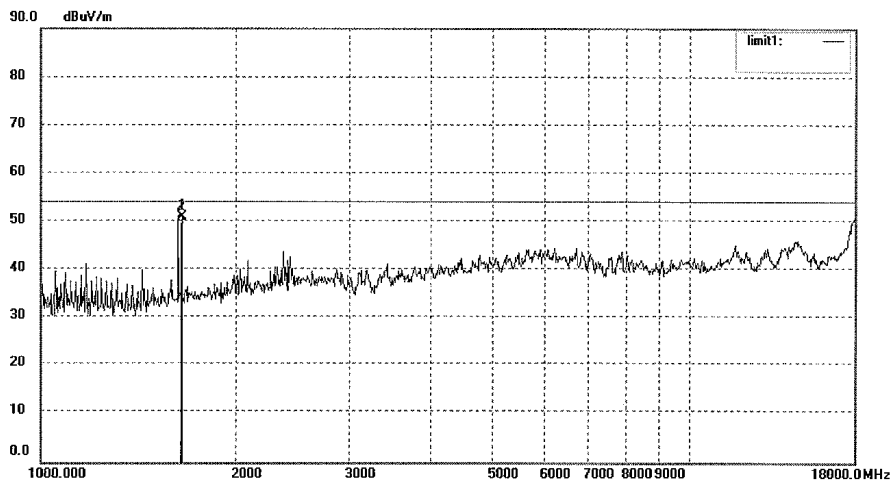
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9410	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 12:02:09
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: RX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1654.366	61.75	-10.72	51.03	74.00	-22.97	peak			
2	1654.366	60.62	-10.72	49.90	54.00	-4.10	AVG			

Figure 75: Test figure of spurious emissions, mode C, Horizontal polarity (18GHz –25GHz), 8DPSK Modulation



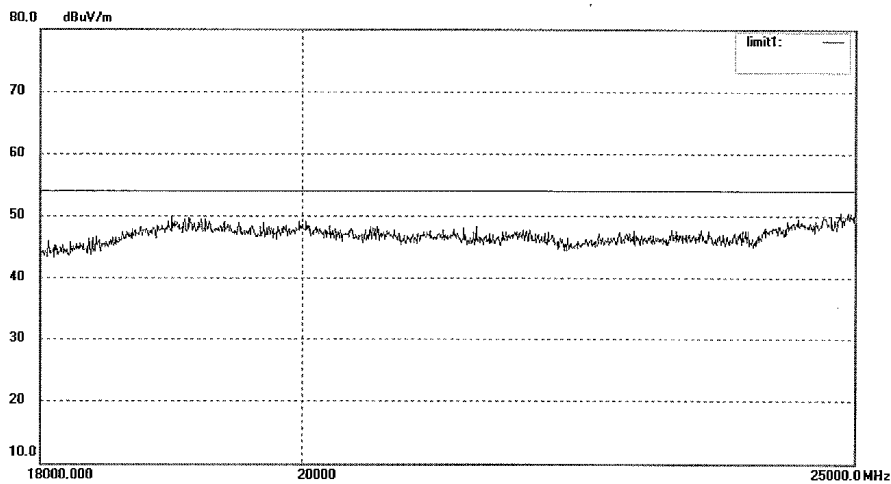
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9416	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 12:51:12
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: RX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
-----	-------------	------------------	-------------	-----------------	----------------	-------------	----------	-------------	---------------	--------

Figure 76: Test figure of spurious emissions, mode C, Vertical polarity (18GHz – 25GHz), 8DPSK Modulation



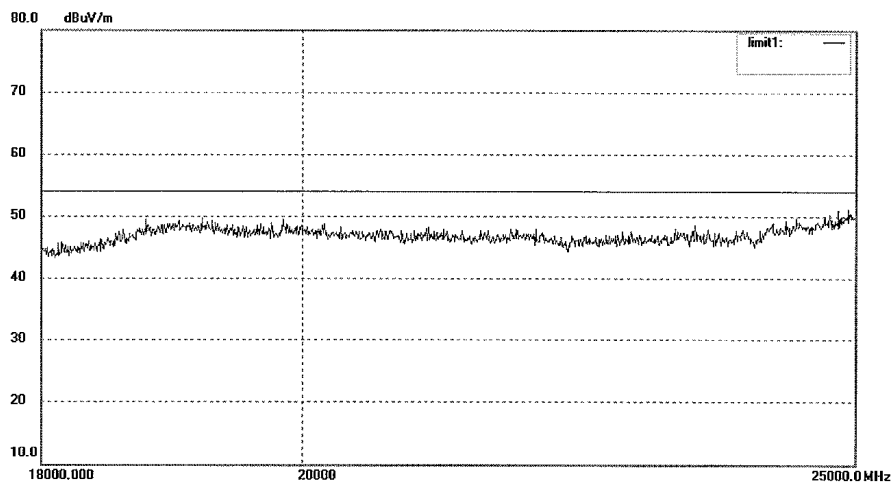
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9417	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 13:00:38
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: RX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
-----	-------------	------------------	-------------	-----------------	----------------	-------------	----------	-------------	---------------	--------

Figure 77: Test figure of Radiated emissions in restricted bands, Mode A.1, Horizontal, GFSK Modulation



ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

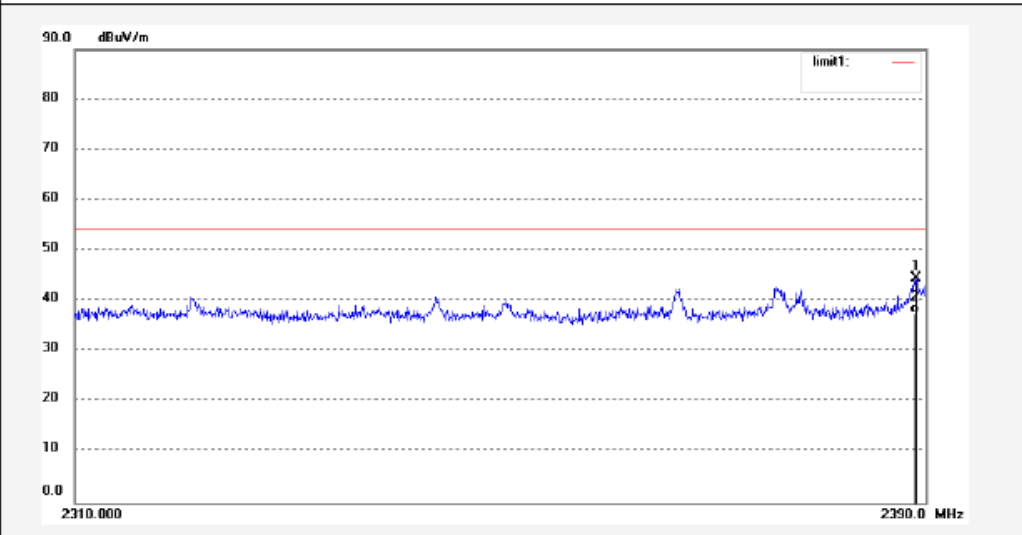
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9390	Polarization: Horizontal
Standard: FCC Part 15 Band Edge (2.4G)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 8:55:23
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2402MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2389.022	51.91	-7.53	44.38	54.00	-9.62	peak			
2	2389.022	44.93	-7.53	37.40	54.00	-16.60	AVG			

Figure 78: Test figure of Radiated emissions in restricted bands, Mode A.1, Vertical, GFSK Modulation

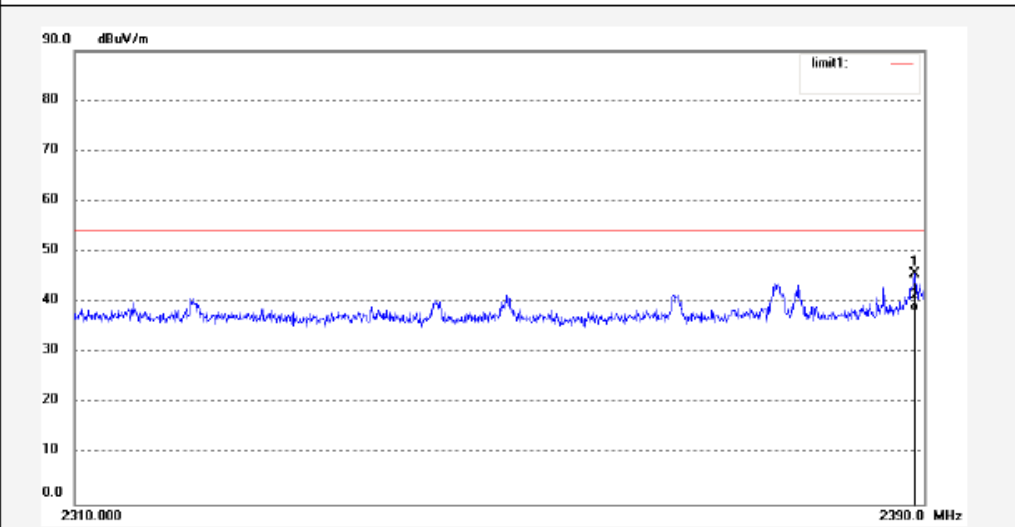


ACCURATE TECHNOLOGY CO., LTD.
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9391	Polarization: Vertical
Standard: FCC Part 15 Band Edge (2.4G)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 9:06:21
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2402MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2389.071	53.10	-7.53	45.57	54.00	-8.43	peak			
2	2389.071	45.73	-7.53	38.20	54.00	-15.80	AVG			

Figure 79: Test figure of Radiated emissions in restricted bands, Mode A.3, Horizontal, GFSK Modulation

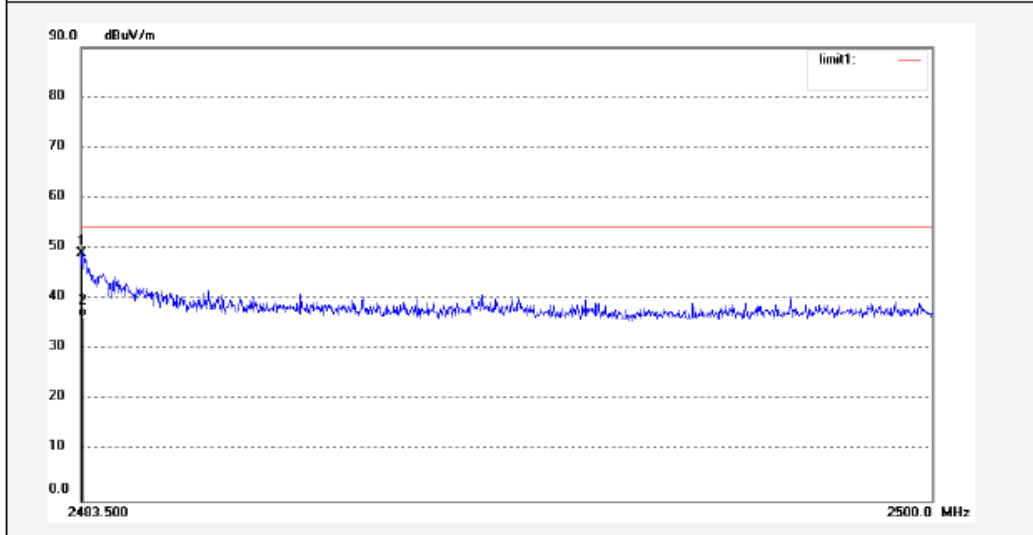


ACCURATE TECHNOLOGY CO., LTD.
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9394	Polarization: Horizontal
Standard: FCC Part 15 Band Edge (2.4G)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 9:29:59
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	56.26	-7.37	48.89	54.00	-5.11	peak			
2	2483.500	43.67	-7.37	36.30	54.00	-17.70	AVG			

Figure 80: Test figure of Radiated emissions in restricted bands, Mode A.3, Vertical, GFSK Modulation



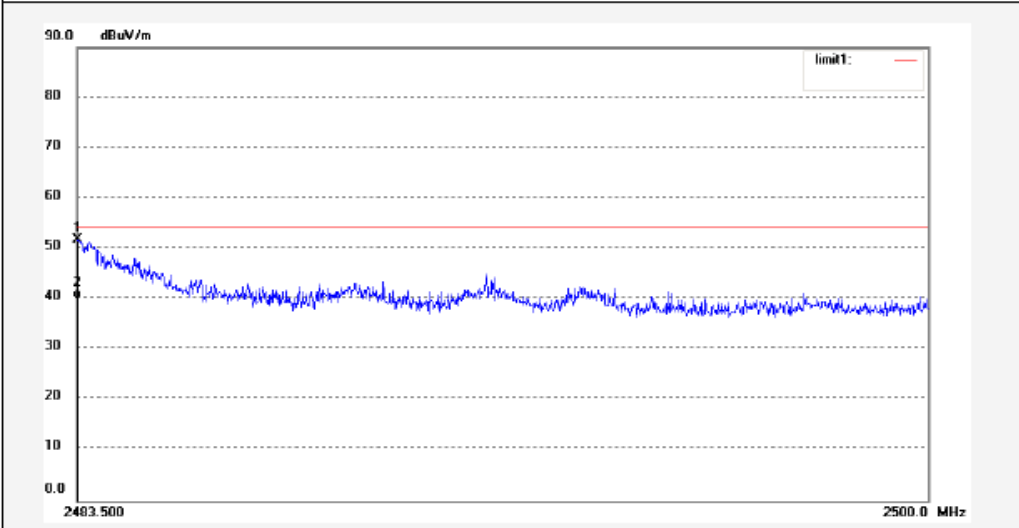
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: pei #9395	Polarization: Vertical
Standard: FCC Part 15 Band Edge (2.4G)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/01
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 9:37:50
EUT: Bluetooth Music Receiver	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTR212	
Manufacturer: Trans Electric Co.,Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	59.04	-7.37	51.67	54.00	-2.33	peak			
2	2483.500	47.37	-7.37	40.00	54.00	-14.00	AVG			

Figure 81: Test figure of conducted emissions, mode A, line live

ACCURATE TECHNOLOGY CO.,LTD

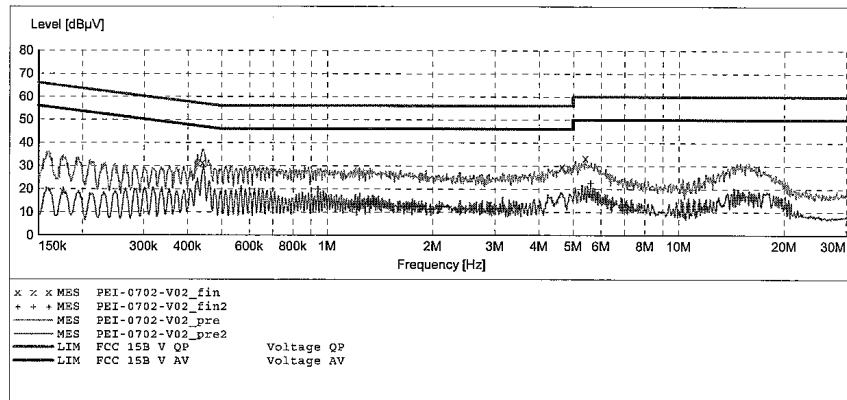
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Bluetooth Music Receiver M/N:RF-BTR212
 Manufacturer: Trans Electric Co.,Ltd.
 Operating Condition: A
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: L 120V/60Hz
 Comment: Mains port
 Start of Test: 7/2/2012 / 10:22:05AM

SCAN TABLE: "V 150K-30MHz fin"

Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008

Short Description: _SUB_STD_VTERM2 1.70
 Average



MEASUREMENT RESULT: "PEI-0702-V02_fin"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.440751	31.40	11.9	57	25.6	QP	L1	GND
4.646054	29.60	11.5	56	26.4	QP	L1	GND
5.407112	33.50	11.4	60	26.5	QP	L1	GND

MEASUREMENT RESULT: "PEI-0702-V02_fin2"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.444284	29.30	11.9	47	17.7	AV	L1	GND
0.941021	19.80	11.8	46	26.2	AV	L1	GND
5.604912	22.50	11.4	50	27.5	AV	L1	GND

Figure 82: Test figure of conducted emissions, mode A, line neutral

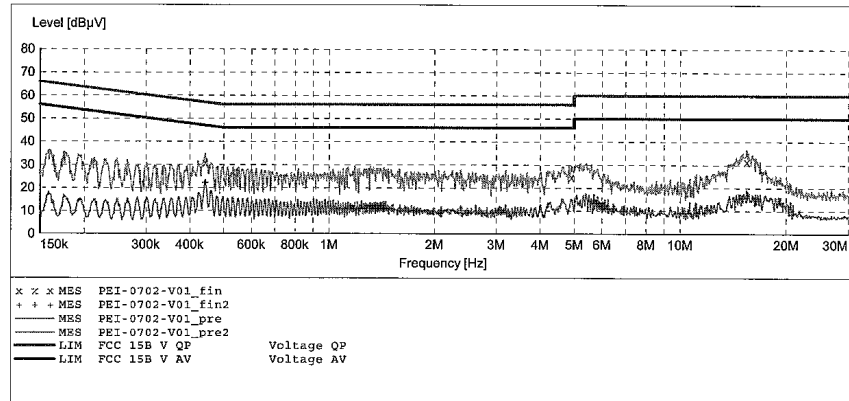
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Bluetooth Music Receiver M/N:RF-BTR212
 Manufacturer: Trans Electric Co.,Ltd.
 Operating Condition: A
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: N 120V/60Hz
 Comment: Mains port
 Start of Test: 7/2/2012 / 10:19:01AM

SCAN TABLE: "V 150K-30MHz fin"

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008
Average						



MEASUREMENT RESULT: "PEI-0702-V01_fin"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.442514	30.90	11.9	57	26.1	QP	N	GND
4.913107	24.70	11.4	56	31.3	QP	N	GND
15.450119	31.50	11.2	60	28.5	QP	N	GND

MEASUREMENT RESULT: "PEI-0702-V01_fin2"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.442514	22.20	11.9	47	24.8	AV	N	GND