



Prüfbericht - Nr.: 17017067 002		Seite 1 von 36	
<i>Test Report No.:</i>		<i>Page 1 of 36</i>	
Auftraggeber: <i>Client:</i>	Beautiful Enterprise Co., Ltd 26th Floor, Beautiful Group Tower, 77 Connaught Road Central, Hong Kong		
Gegenstand der Prüfung: <i>Test item:</i>	Rocketboost Wireless Stereo Headphones		
Bezeichnung: <i>Identification:</i>	RF-RBWHP01a	Serien-Nr.: <i>Serial No.:</i>	n.a.
Wareneingangs-Nr.: <i>Receipt No.:</i>	163065935	Eingangsdatum: <i>Date of receipt:</i>	2010-07-15
Prüfört: <i>Testing location:</i>	TÜV Rheinland (Guangdong) Ltd. EMC Laboratory Guangzhou Auto Market, Yuan Gang Section of Guangshan Road, Guangzhou, P.R. China FCC Registration No.:833845 Test site Industry Canada No.: 2932C-1		
Prüfgrundlage: <i>Test specification:</i>	FCC CFR47 Part 15: Subpart C Section 15.247 FCC CFR47 Part 15: Subpart C Section 15.209 FCC CFR47 Part 15: Subpart C Section 15.207 RSS-210 Issue 7 June 2007 RSS-Gen Issue 2 June 2007 RSS-102 Issue 4 March 2010		
Prüfergebnis: <i>Test Result:</i>	Der Prüfgegenstand entspricht oben genannter Prüfgrundlage(n). <i>The test item passed the test specification(s).</i>		
Prüflaboratorium: <i>Testing Laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.		
geprüft/ tested by:	kontrolliert/ reviewed by:		
			
2010-08-30	Sam Lin/ Project Manager	2010-08-30	Shawn Peng/ Technical Certifier
Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>
	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>	
Sonstiges/ Other Aspects:			
The EUT is wireless audio system which contains Docking station and Headphones. This report is approval for Headphones.			
Abkürzungen:	<i>P(ass) = entspricht Prüfgrundlage</i>	Abbreviations:	<i>P(ass) = passed</i>
	<i>F(ail) = entspricht nicht Prüfgrundlage</i>		<i>F(ail) = failed</i>
	<i>N/A = nicht anwendbar</i>		<i>N/A = not applicable</i>
	<i>N/T = nicht getestet</i>		<i>N/T = not tested</i>
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.			
<i>This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.</i>			

TEST SUMMARY

5.1.1 ANTENNA REQUIREMENT*RESULT: Passed***5.1.2 PEAK OUTPUT POWER***RESULT: Passed***5.1.3 6dB BANDWIDTH AND 99% BANDWIDTH***RESULT: Passed***5.1.4 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100KHZ BANDWIDTH***RESULT: Passed***5.1.5 POWER SPECTRAL DENSITY***RESULT: Passed***5.1.6 SPURIOUS EMISSION***RESULT: Passed***5.1.7 CONDUCTED EMISSIONS***RESULT: Passed***6.1.1 RF EXPOSURE EVALUATION***RESULT: Not applicable*

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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

Notes:

The original sample's model name RF-RBWHP01 is changed to RF-RBWHP01a according to the client's requirement, while the change has no influence to the EMC performance that no additional test is needed.

2. Test Sites

2.1 Test Facilities

TÜV Rheinland (Guangdong) Ltd.
EMC Laboratory

(FCC Registration No.: 833845 & Test Site Industry Canada No.: 2932C-1)

Guangzhou Auto Market,
Yuan Gang Section of Guangshan Road,
Guangzhou, P.R. China

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Kind of Equipment	Manufacturer	Type	S/N	Calibrated until
Spurious Radiated Emissions				
EMI Test Receiver	Rohde & Schwarz	ESCI3	100216	2011-01-17
Spectrum Analyzer	Rohde & Schwarz	FSP30	100286	2011-01-17
Trilog-Broadband Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9168	209	2011-08-21
Double-Ridged Waveguide Horn Antenna	Rohde & Schwarz	HF906	100385	2011-08-24
Pre-amplifier	MITEQ	AFS42- 00101800-25- S-42	1101599	2011-07-31
Horn Antenna	EMCO	3160-09	21642	2011-06-26
Pre-amplifier	MITEQ	AFS33- 18002650-30- 8P-44	1108282	2011-01-17
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100111	2010-11-26
3m Anechoic Chamber	Albatross Project GmbH	N/A	N/A	2011-02-10
Radio Frequency Test Suite				
EMI Test Receiver	Rohde & Schwarz	ESCI	100178	2011-01-17
Spectrum Analyzer	Rohde & Schwarz	FSP30	100286	2011-01-17
Conducted Emissions				
Receiver	Rohde & Schwarz	ESCS30	100316	2011-01-27
LISN	Rohde & Schwarz	ESH3-Z5	100114	2011-07-06

2.3 Traceability

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

2.4 Calibration

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

2.5 Measurement Uncertainty

For a 95% confidence level, the measurement expanded uncertainties for defined systems, in accordance with the recommendations of ISO/IEC 17025 are:

Table 2: Measurement Uncertainty

Items		Extended Uncertainty
RE (9kHz – 30MHz)	Field Strength (dBuV/m)	U=±4.46dB, k=2, σ=95%
RE (30-1000MHz)	Field strength (dBuV/m)	U=±4.94dB, k=2, σ=95%
RE (1-26GHz)	Field strength (dBuV/m)	U=±4.34dB, k=2, σ=95%

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 TÜV Rheinland (Guangdong) Ltd. test facility located at Guangzhou Auto Market, Yuan Gang Section of Guangshan Road, Guangzhou, 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 EUT is Wireless Stereo Headphones with 2.4G wireless technology. It is receive audio signal from cradle base station via 2.4G radio frequency. For details refer to the User Manual and Circuit Diagram.

3.2 Ratings and System Details

Table 3: Rating of EUT

Kind of Equipment:	Rocketboost Wireless Stereo Headphones
Type Designation:	RF-RBWHP01a
FCC ID	UZZRBWHP01RX
IC ID	7633A-RBWHP01RX
Rated Input Power	DC 3V (via AA Rechargeable NiMH battery)

Table 4: Technical Specification

Item	Description
Operating Frequency band	2412 – 2462 MHz
Channel Number	3
Channel Center Frequency	2412MHz, 2438MHz, 2462MHz
Modulation	OFDM, $\pi/4$ DQPSK
Data Rate (Mbps)	20.7Mbps
Antenna	Integrated Antenna
Antenna Gain (dBi)	2.15

Table 5: Carrier Frequency

Frequency Band	Channel No.	Frequency
2412 – 2462 MHz	1	2412 MHz
	2	2438 MHz
	3	2462 MHz

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, transmitting
 - 1. Low channel
 - 2. Middle channel
 - 3. High channel
- B. Receiving
- C. Charging
- D. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.5 Submitted Documents

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

4. Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

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

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.4: 2003.

4.3 Special Accessories and Auxiliary Equipment

Null

4.4 Countermeasures to achieve EMC Compliance

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

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test

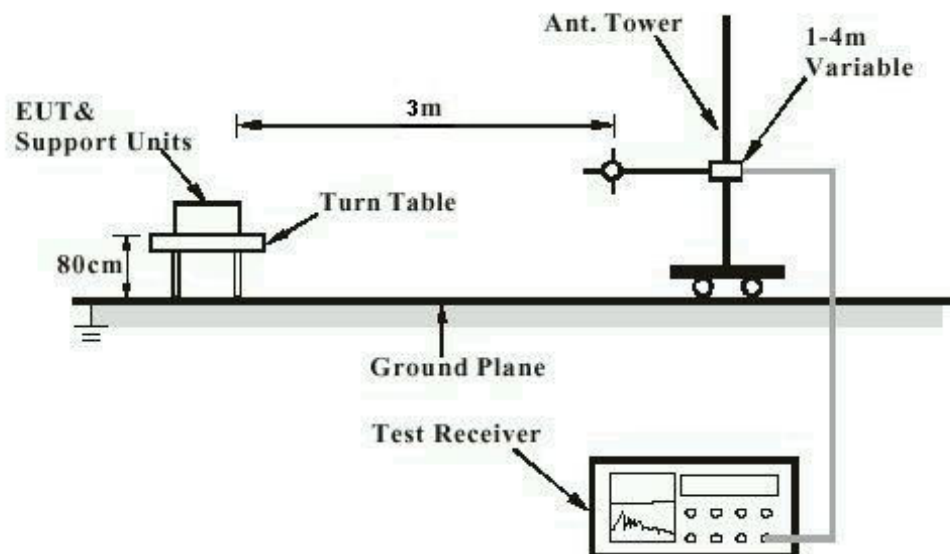


Diagram of Measurement Equipment Configuration for Conduction Measurement

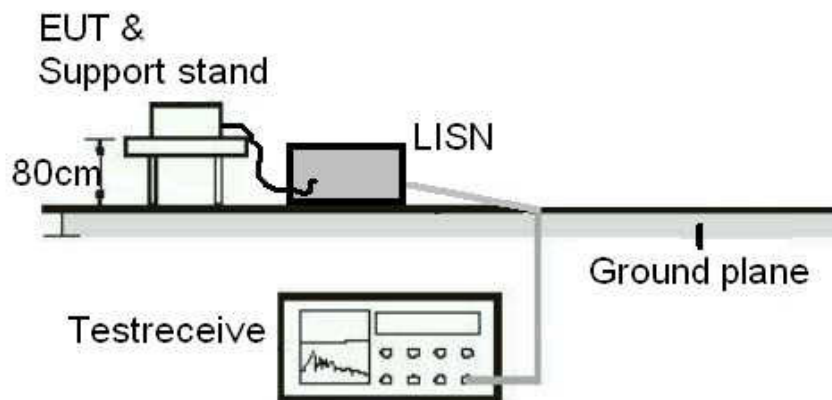
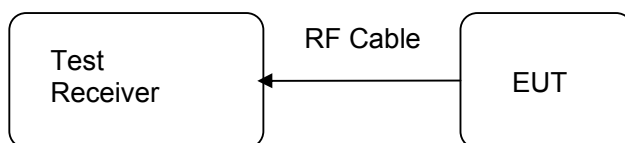


Diagram of Measurement Equipment Configuration for Transmitter Measurement



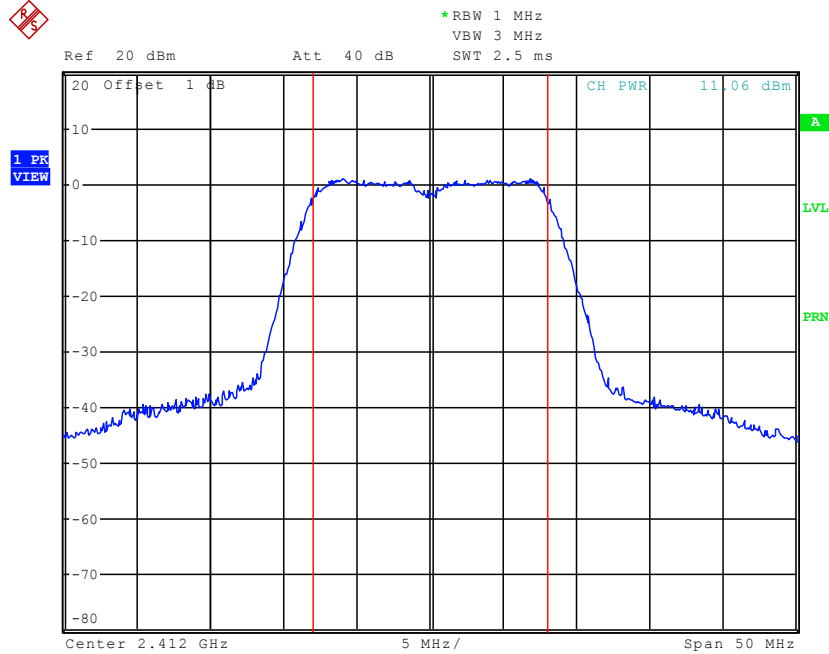
5. Test Results

5.1.1 Antenna Requirement

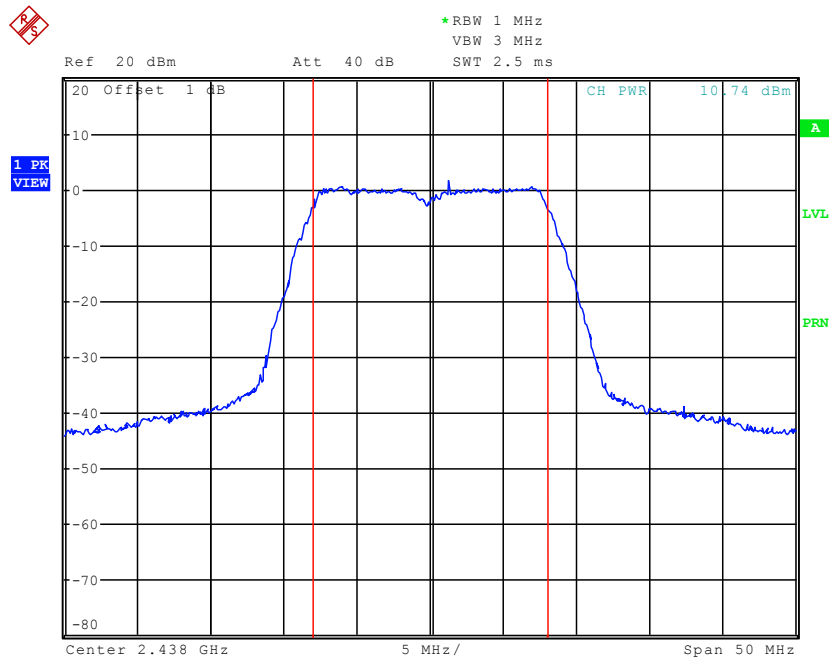
RESULT: **Passed**

Test date	:	2010-08-25
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 2.15dBi, 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.

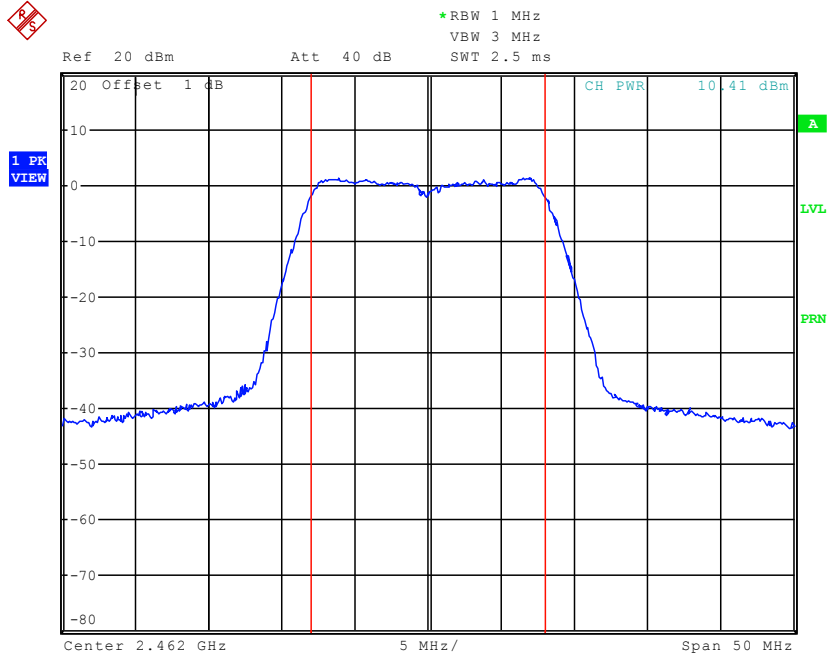
Test Graph of Peak Output Power
Antenna 0, Low Channel


Date: 28.AUG.2010 13:47:48

Antenna 0, Middle Channel


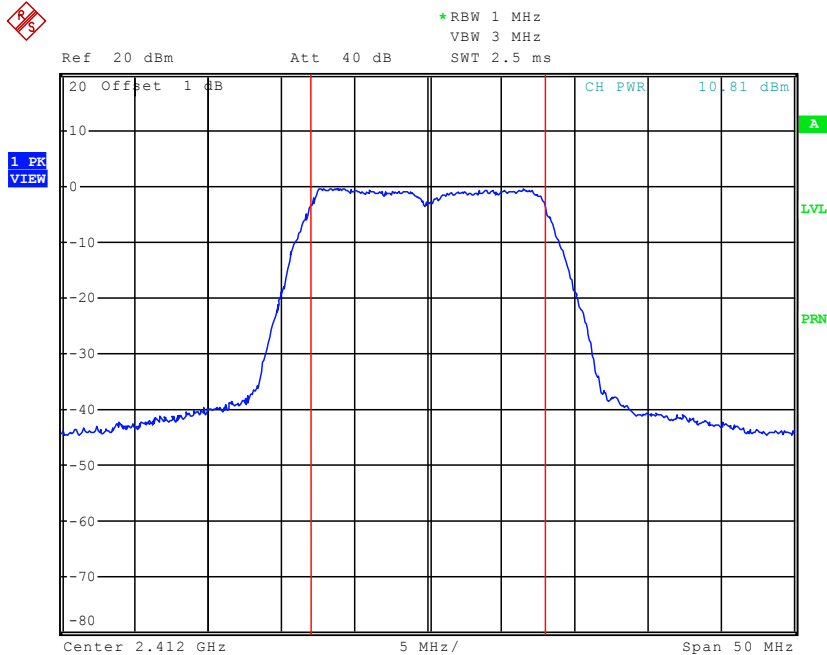
Date: 28.AUG.2010 13:50:33

Antenna 0, High Channel



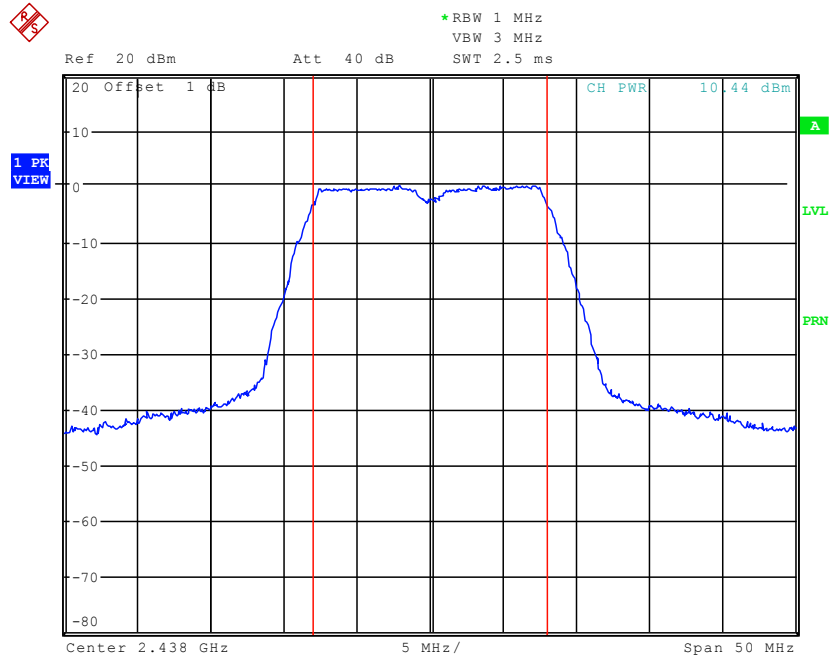
Date: 28.AUG.2010 14:00:52

Antenna 1, Low Channel



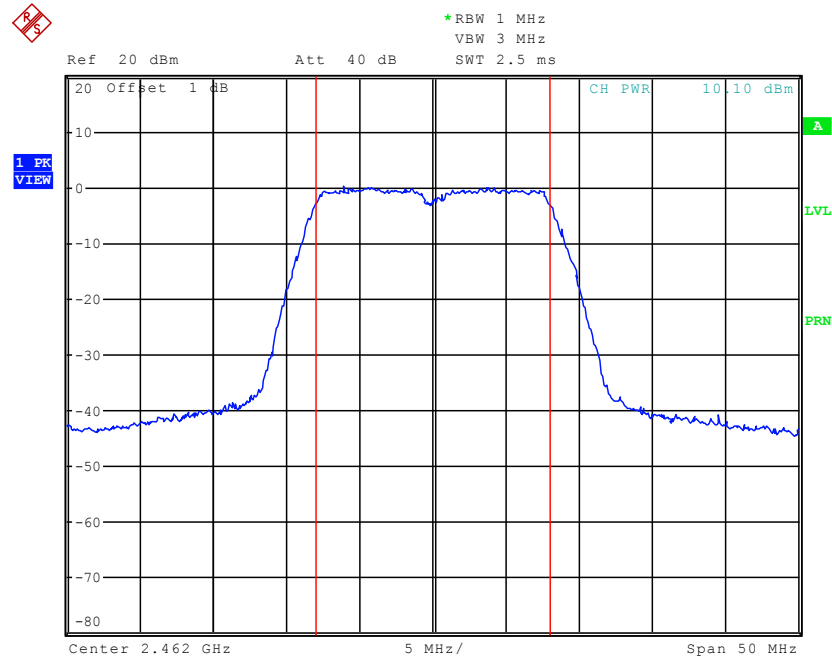
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Antenna 1, Middle Channel



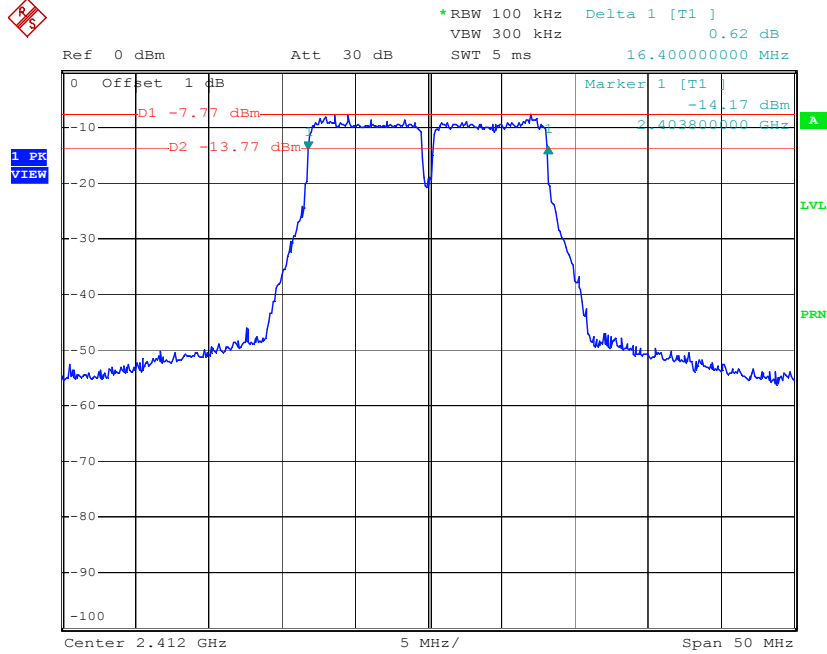
Date: 28.AUG.2010 14:10:13

Antenna 1, High Channel



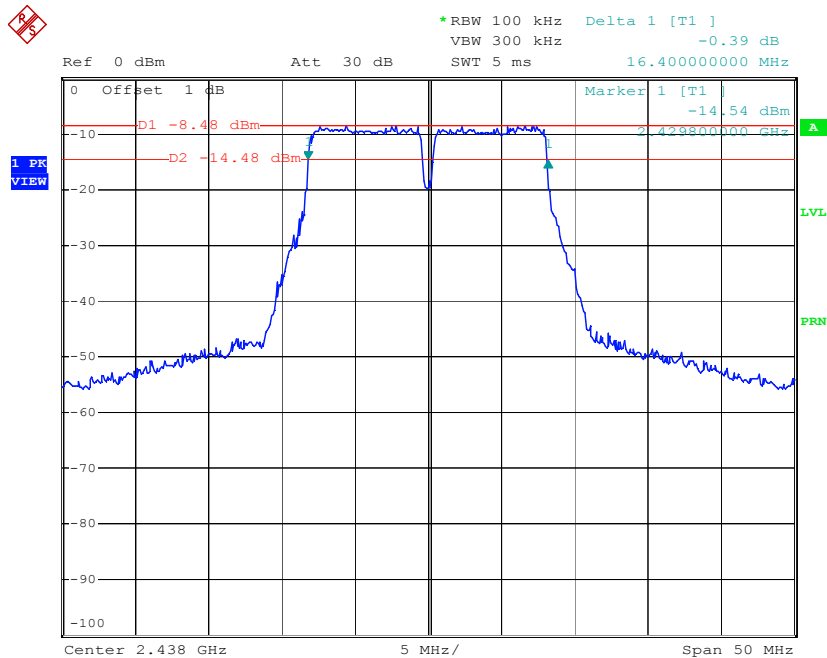
Date: 28.AUG.2010 14:11:46

Test Graph of 6dB Bandwidth
Antenna 0, Low Channel

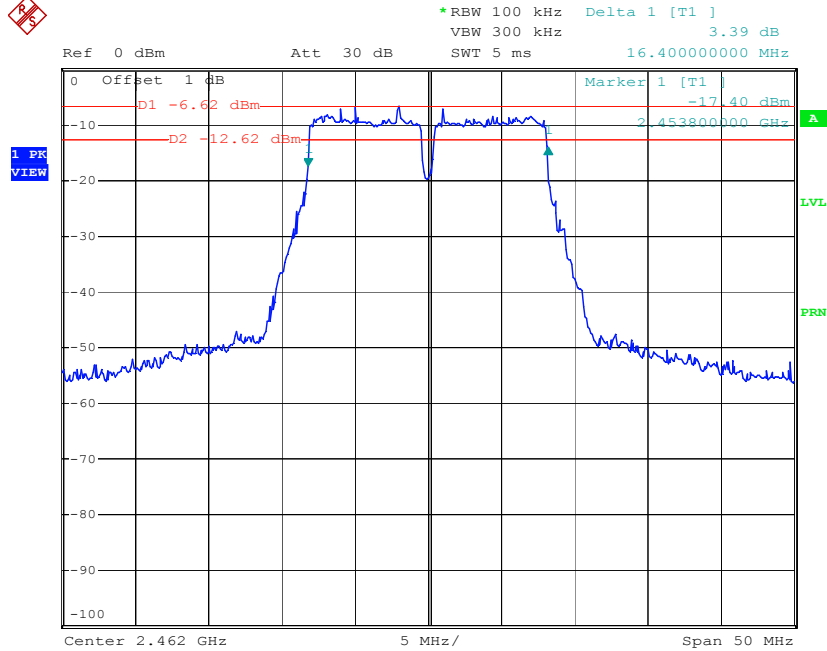


Date: 24.AUG.2010 15:05:14

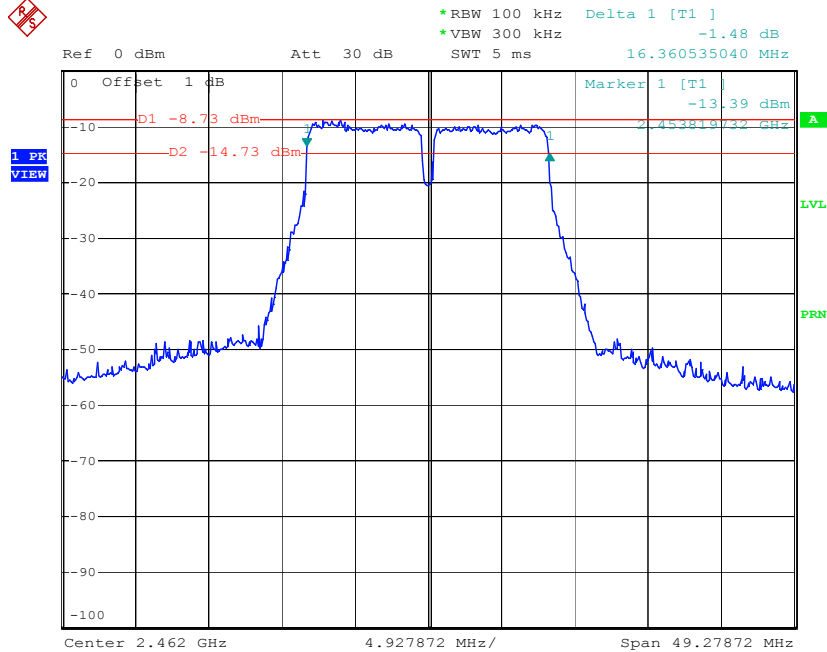
Antenna 0, Middle Channel



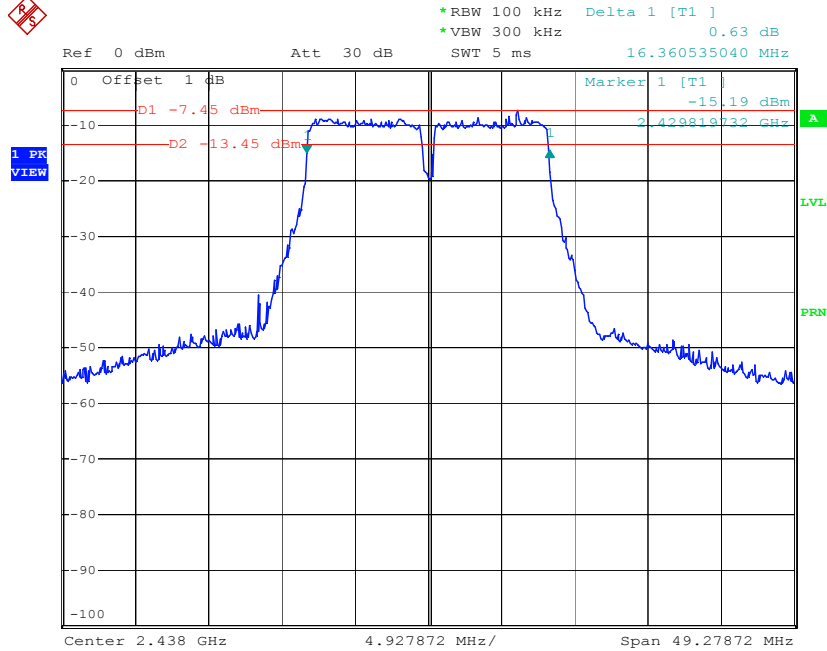
Date: 24.AUG.2010 15:07:40

Antenna 0, High Channel


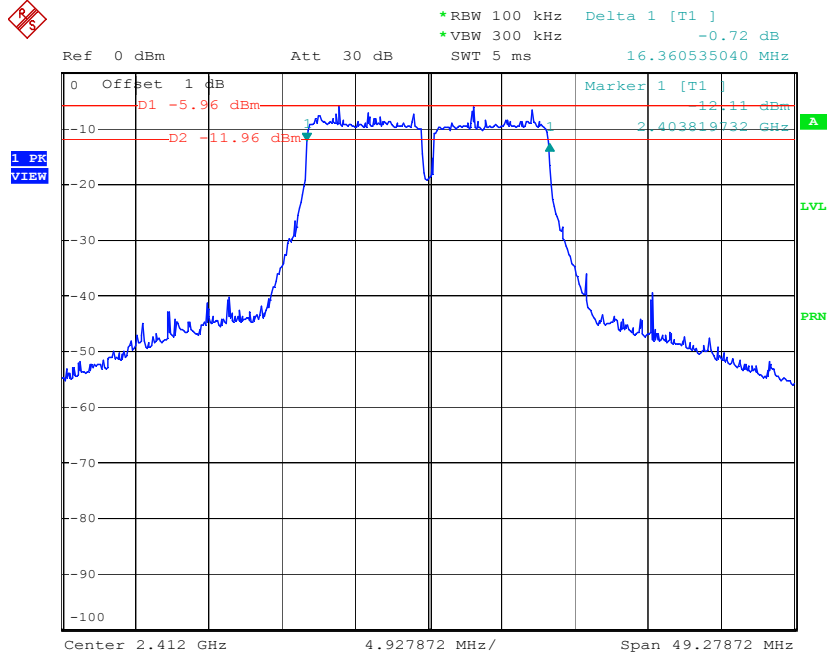
Date: 24.AUG.2010 15:10:26

Antenna 1, Low Channel


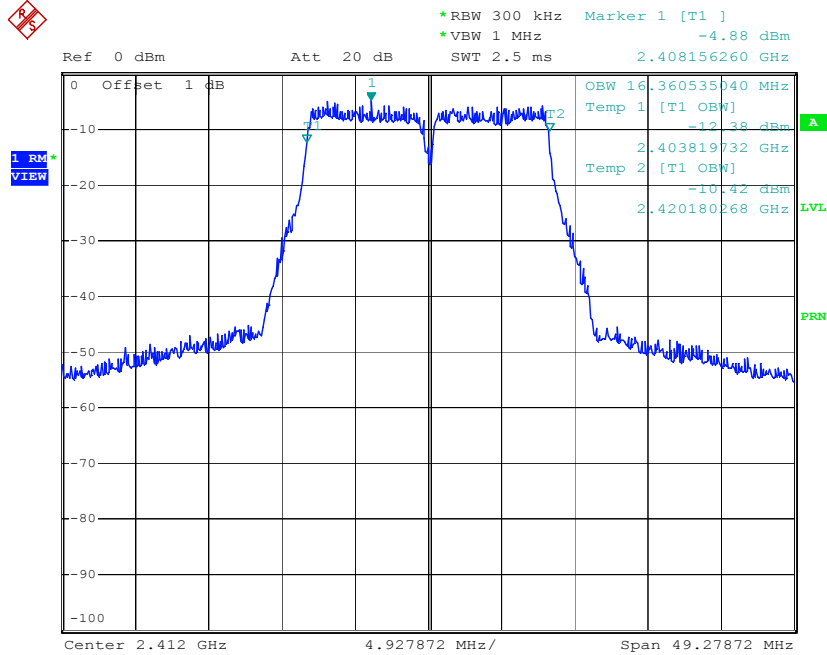
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Antenna 1, Middle Channel


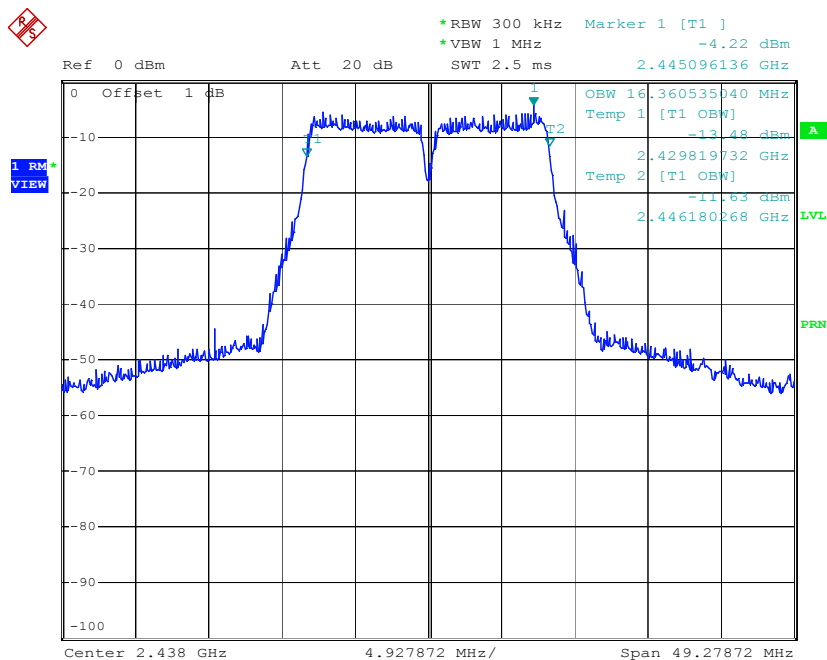
Date: 24.AUG.2010 15:50:43

Antenna 1, High Channel


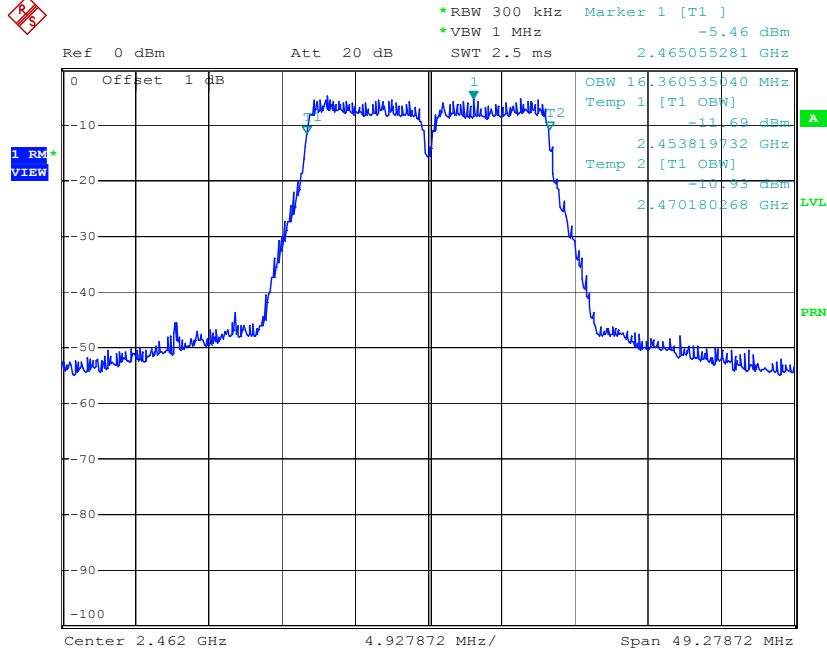
Date: 24.AUG.2010 15:52:39

Test Graph of 99% Bandwidth
Antenna 0, Low Channel


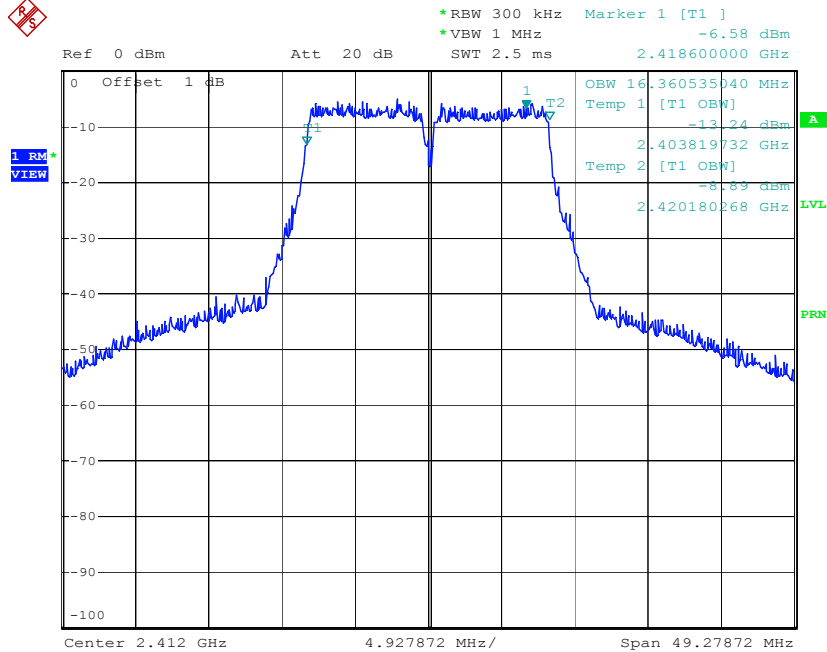
Date: 24.AUG.2010 15:15:36

Antenna 0, Middle Channel


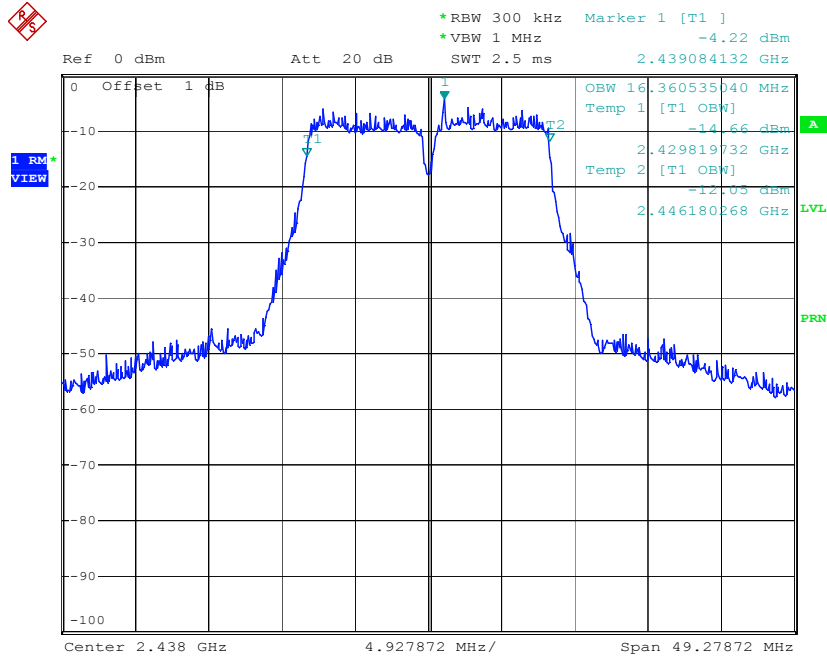
Date: 24.AUG.2010 15:14:43

Antenna 0, High Channel


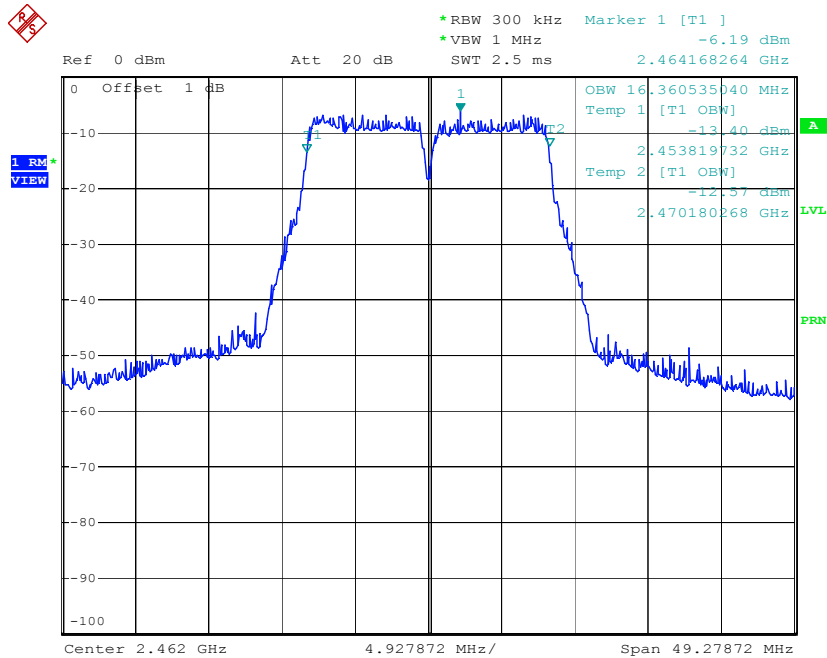
Date: 24.AUG.2010 15:12:41

Antenna 1, Low Channel


Date: 24.AUG.2010 15:42:56

Antenna 1, Middle Channel


Date: 24.AUG.2010 15:46:24

Antenna 1, High Channel


Date: 24.AUG.2010 15:47:14

5.1.4 Conducted Spurious Emissions measured in 100kHz Bandwidth

RESULT:**Passed**

Date of testing	:	2010-08-24
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

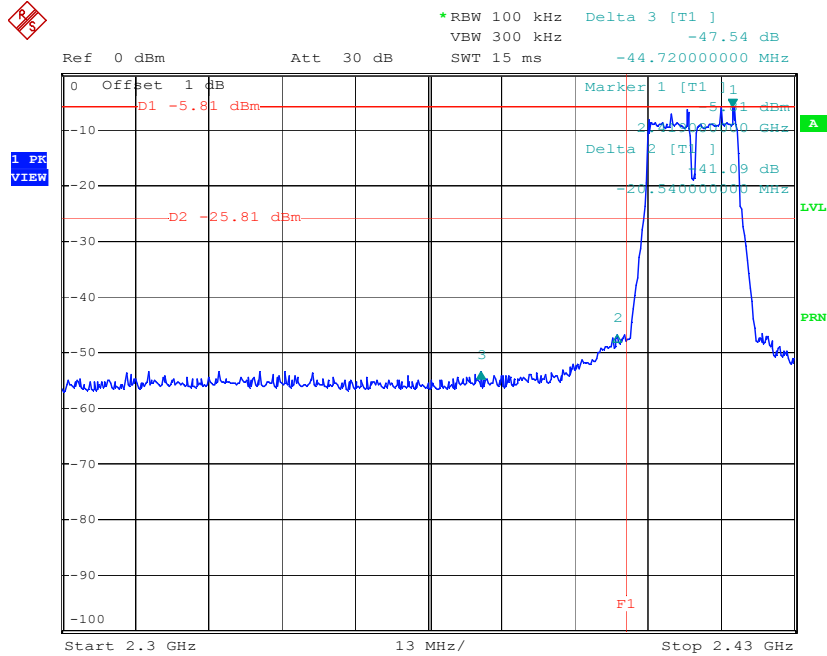
Test setup

Test Channel	:	Low/ High
Operation mode	:	A
Ambient temperature	:	24°C
Relative humidity	:	53%
Atmospheric pressure	:	101 kPa

The range from 9kHz to 26GHz was investigated, and except for the range shown in the following diagrams no emissions high than 40dB below the fundamental measured in 100kHz Bandwidth were found. Details refer to following test Graph.

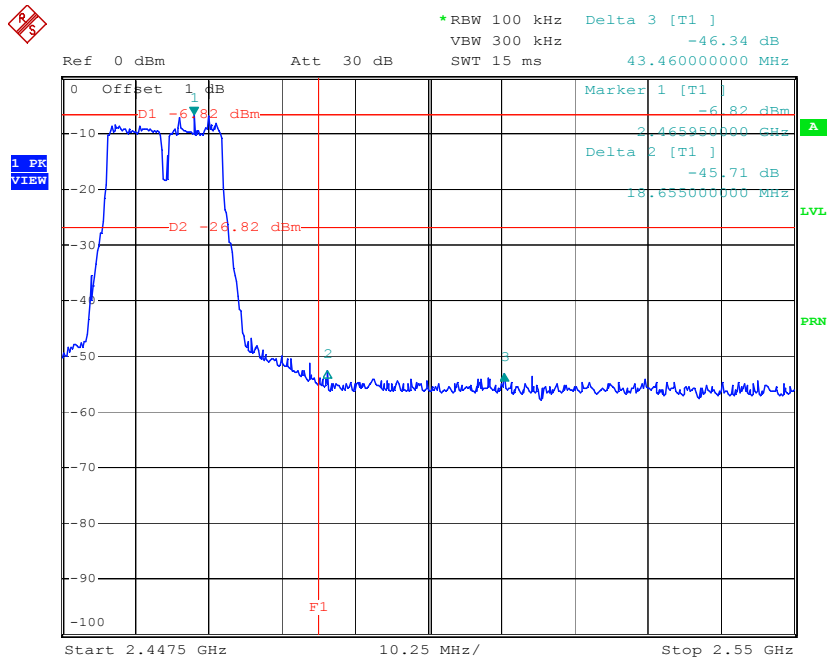
Test Graph of Conducted spurious emissions measured in 100kHz Bandwidth

Antenna 0, Low Channel



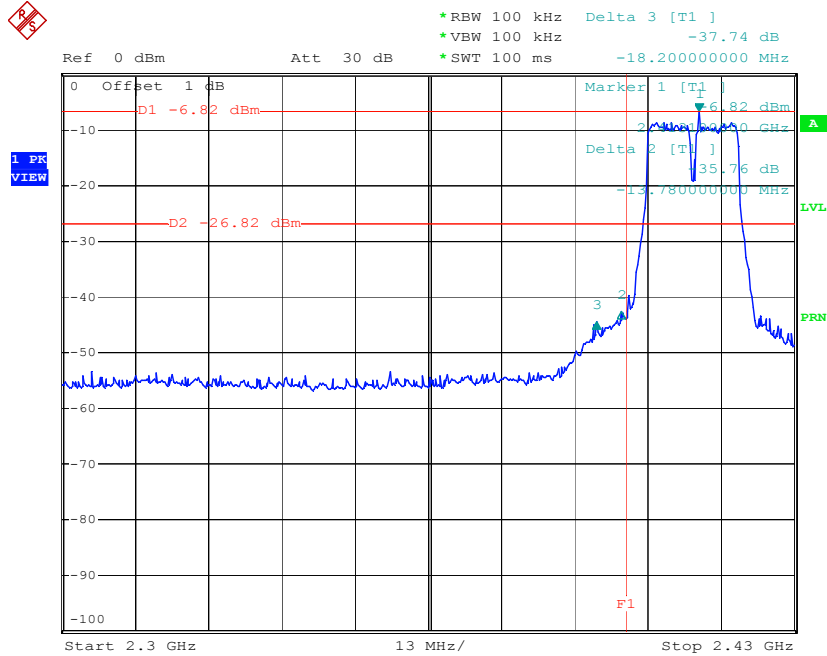
Date: 24.AUG.2010 15:22:49

Antenna 0, High Channel



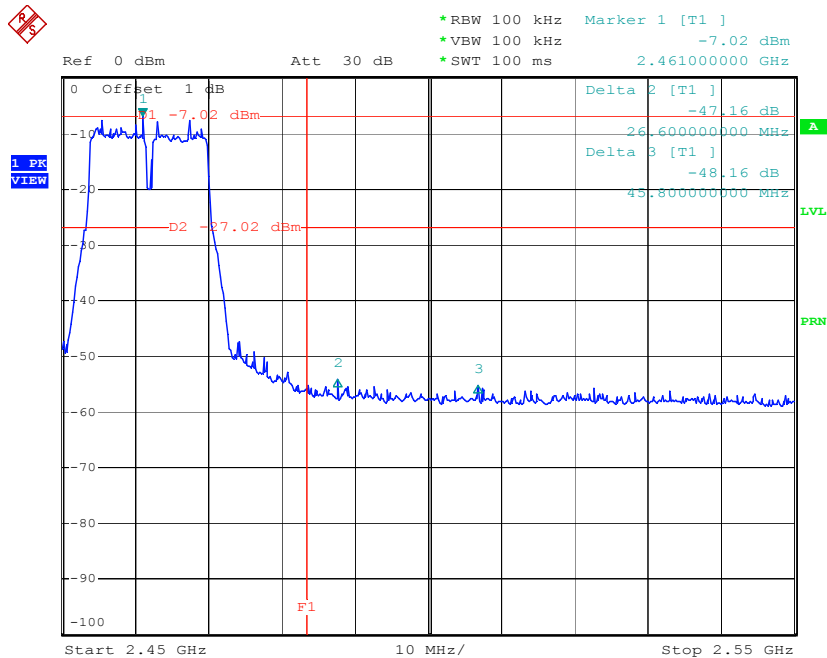
Date: 24.AUG.2010 15:20:59

Antenna 1, Low Channel



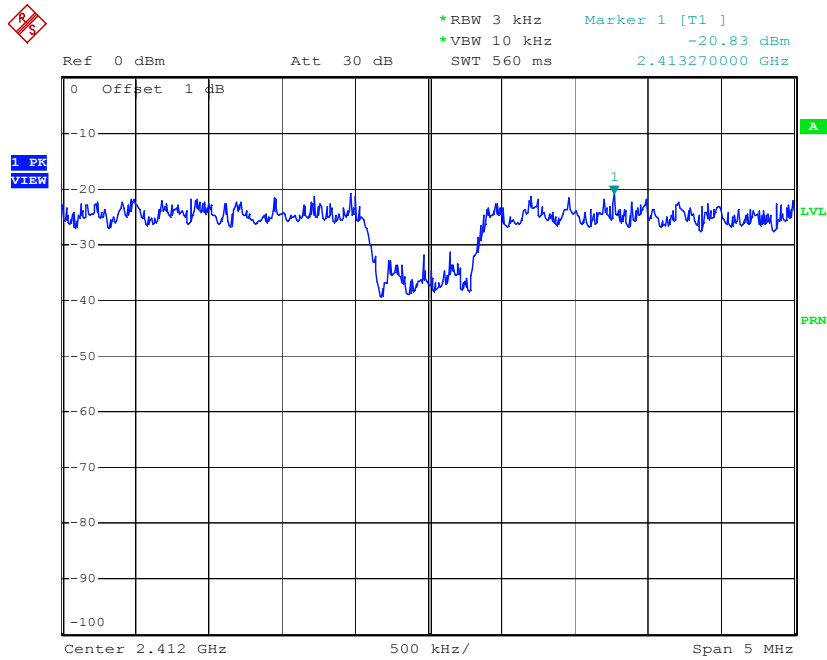
Date: 24.AUG.2010 16:01:16

Antenna 1, High Channel



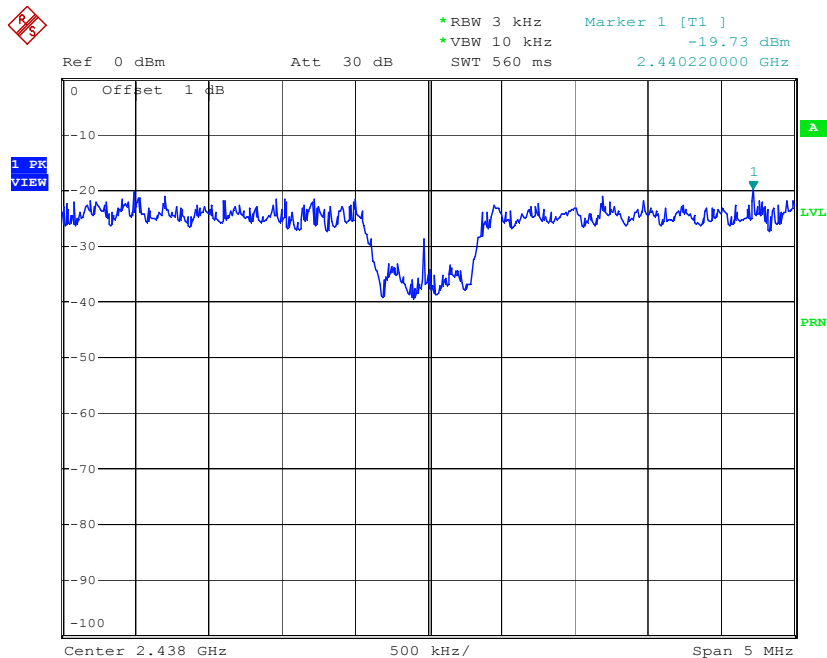
Date: 24.AUG.2010 15:58:49

Test Graph of Power Spectral Density Antenna 0, Low Channel

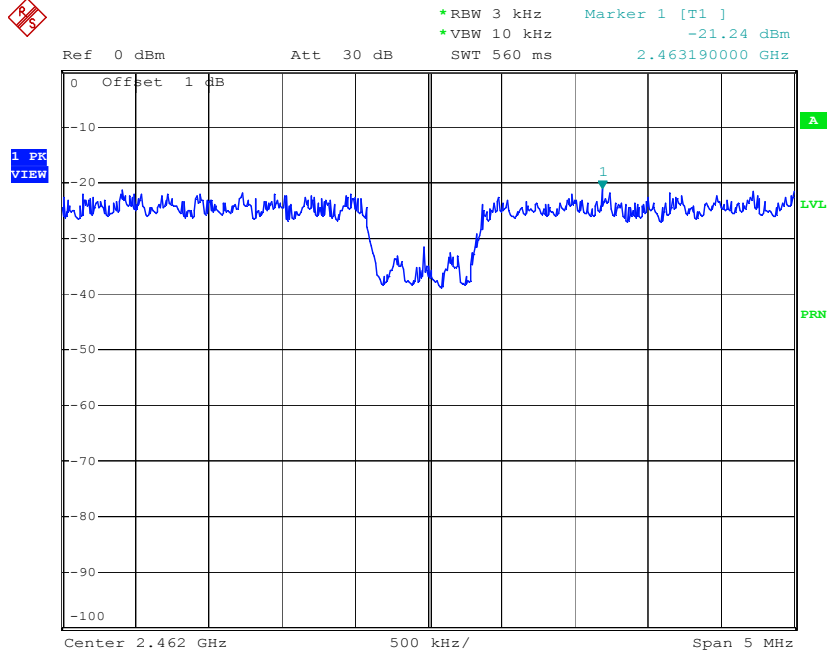


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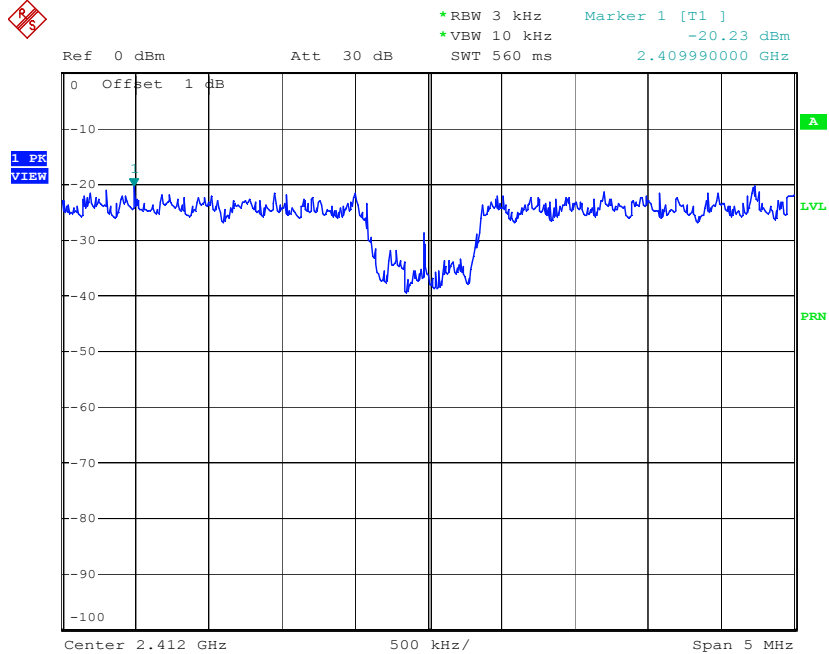
Antenna 0, Middle Channel



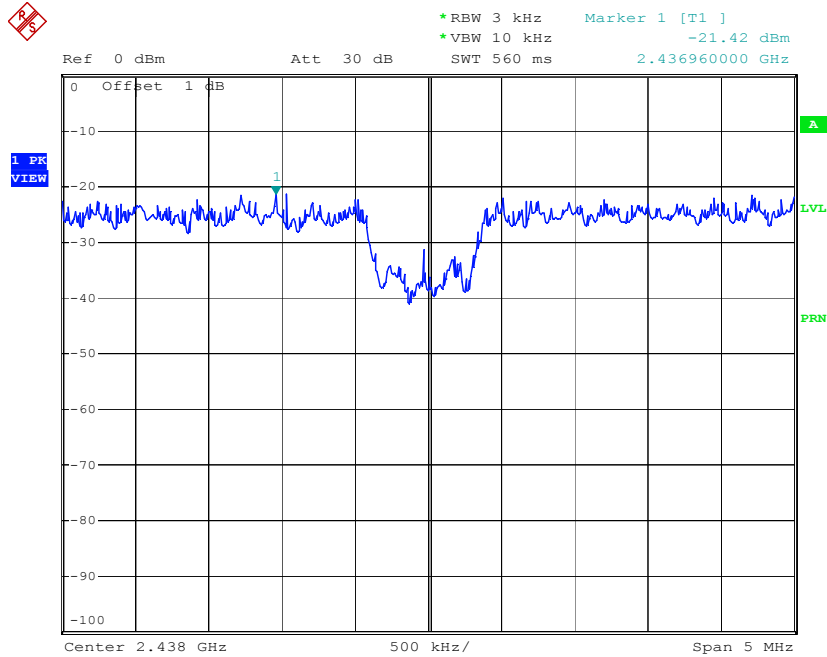
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Antenna 0, High Channel


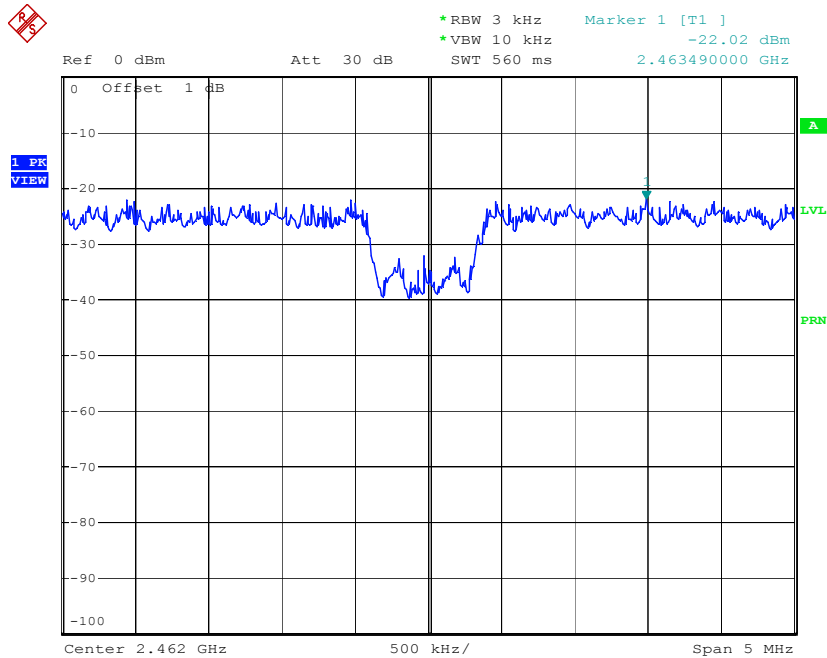
Date: 24.AUG.2010 15:19:08

Antenna 1, Low Channel


Date: 24.AUG.2010 15:55:18

Antenna 1, Middle Channel


Date: 24.AUG.2010 15:56:10

Antenna 1, High Channel


Date: 24.AUG.2010 15:57:05

5.1.6 Spurious Emission

RESULT:**Passed**

Date of testing : 2010-07-29 to 2010-08-26
Test standard : FCC part 15.247(d)
RSS-210 Clause 2.2
Basic standard : ANSI C63.4: 2003
Limits : Refer to 15.209(a)
Refer to RSS-210 Table 2 & 3
Kind of test site : 3m Semi-Anechoic Chamber

Test setup

Test Channel : Low/ Middle/ High
Operation mode : A & B
Ambient temperature : 23°C
Relative humidity : 51%
Atmospheric pressure : 100 kPa

Refer to appendix 1 for details.

5.1.7 Conducted emissions

RESULT:**Passed**

Date of testing : 2010-07-29 to 2010-07-30
Test standard : FCC Part 15.207(a)
RSS-Gen Clause 7.2.2
Basic standard : ANSI C63.4: 2003
Frequency range : 0.15 – 30MHz
Limits : FCC Part 15.207(a)
Table 2 of RSS-Gen
Kind of test site : Shield room

Test setup

Input Voltage : DC 3V (via Docking station)
Operation Mode : C
Earthing : Not Connected
Ambient temperature : 23°C
Relative humidity : 51%
Atmospheric pressure : 100 kPa

Refer to appendix 1 for details.

6. Radio Frequency (RF) Exposure

6.1 RF Exposure Compliance

6.1.1 RF Exposure Evaluation

RESULT:**Not applicable**

The measured peak power of the transmitter is only 12.76mW (11.06dBm). According to RSS-102 sections 2.5, all transmitters are exempt from routine SAR and RF exposure evaluations provided that output power complies with the power levels of RSS-102 sections 2.5.2, 'above 2.2GHz and up to 3GHz inclusively, and with output power that is less than or equal to 20mW for general public use and 100mW for controlled use', therefore the apparatus is exempt from routine evaluation.

7. Photographs of the Test Set-Up

Photograph 1: Set-up for Receiver Spurious Emissions 9kHz – 30MHz



Photograph 2: Set-up for Receiver Spurious Emissions 30MHz – 1GHz



Photograph 3: Set-up for Receiver Spurious Emissions 1GHz – 18GHz



Photograph 4: Set-up for Receiver Spurious Emissions 18GHz – 26.5GHz



Photograph 5: Set-up for Conducted Emissions



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Test Graph of Spurious emissions, mode A

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

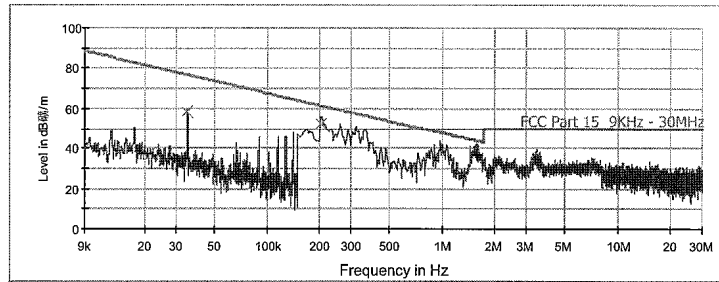
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo Headphones
 Identification: RF-RBWHP01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ Low channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq.: DC 3V
 Receipt No.: 163065935 400
 Report No.: 17017067 002
 Result: Pass
 Comment: Horizontal

Subrange 1

Frequency Range: 9kHz - 30MHz
 Receiver: TUV ESCI 3
 Transducer: TUV SAC Active Loop Antenna HFH2-Z2 / TUV ESCI3 -TUV SAC Active Loop Antenna HFH2-Z2

Pre TUV 9K to 30M HFH2-Z2



Result Table Single

Frequency (MHz)	QuasiPeak (dBµV/m)	Average (dBµV/m)	Corr. (dB)	Polarization
1.570000	36.7	---	20.2	H
0.034840	---	58.3	20.2	H
0.202000	---	52.2	20.8	H

Date: 26/08/2010 - Time: 23:30:37

Tested by: _____ Reviewed by: _____

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

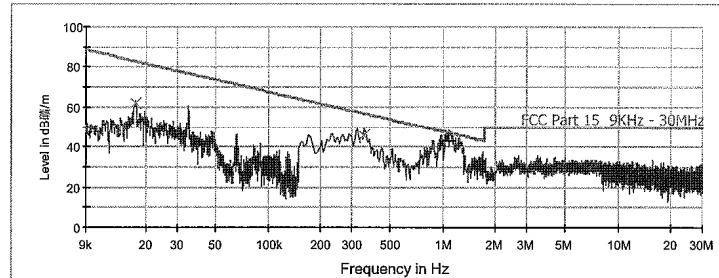
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo Headphones
 Identification: RF-RBWHP01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ Low channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq. : DC 3V
 Receipt No.: 163065935 400
 Report No. 17017067 002
 Result: Pass
 Comment: Vertical

Subrange 1

Frequency Range: 9kHz - 30MHz
 Receiver: TUV ESCI 3
 Transducer: TUV SAC Active Loop Antenna HFH2-Z2 / TUV ESCI3 -TUV SAC Active Loop Antenna HFH2-Z2

Pre TUV 9K to 30M HFH2-Z2



Result Table Single

Frequency (MHz)	QuasiPeak (dBµV/m)	Average (dBµV/m)	Corr. (dB)	Polarization
1.082000	42.9	---	20.3	V
0.017240	---	61.8	20.6	V
0.354000	---	45.6	20.8	V

Date: 26/08/2010 - Time: 23:39:47

Tested by: _____ Reviewed by: _____

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

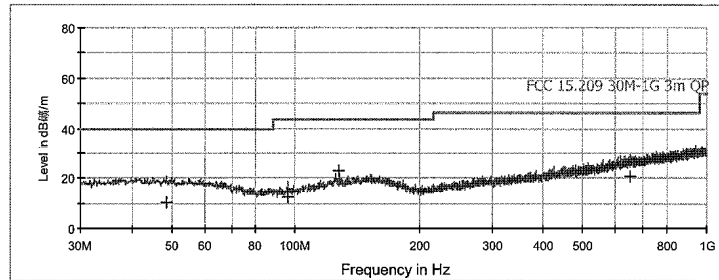
Test Information

Manufacturer:	Beautiful Enterprise Co.,Ltd.		
Test Item:	Wireless Stereo Headphones		
Identification:	RF-RBWH01		
Test Standard:	FCC Part 15		
Test Detail:	RE		
Operation Mode:	Tx @ Low channel		
Climate Condition:	23 °C;	50 %RH;	101 kPa.
Test Voltage / Freq.:	DC 3V		
Receipt No.:	163065935 400		
Report No.:	17017067 002		
Result:	Pass		
Comment:	Vertical		

Subrange 1

Frequency Range:	30MHz – 1GHz
Receiver:	TUV ESCI 3
Transducer:	TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168

FCC 15.209 30M-1G sweep



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
48.550000	10.1	14.3	29.9	40.0	V
96.000000	12.6	11.0	30.9	43.5	V
128.000000	22.7	14.1	20.8	43.5	V
653.700000	20.4	22.6	25.6	46.0	V

Date: 26/08/2010 - Time: 21:40:21

Tested by: _____ Reviewed by: _____

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

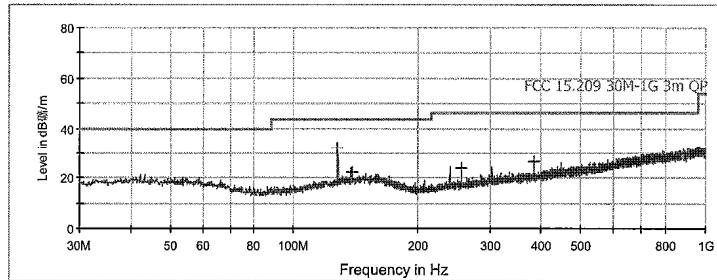
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo Headphones
 Identification: RF-RBWH01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ Low channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq.: DC 3V
 Receipt No.: 163065935 400
 Report No.: 17017067 002
 Result: Pass
 Comment: Horizontal

Subrange 1

Frequency Range: 30MHz – 1GHz
 Receiver: TUV ESCI 3
 Transducer: TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168

FCC 15.209 30M-1G sweep



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
128.000000	32.3	14.1	11.2	43.5	H
138.300000	22.4	14.8	21.1	43.5	H
256.000000	23.8	13.7	22.2	46.0	H
384.000000	26.4	17.0	19.6	46.0	H

Date: 26/08/2010 - Time: 21:43:43

Tested by: _____ Reviewed by: _____

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

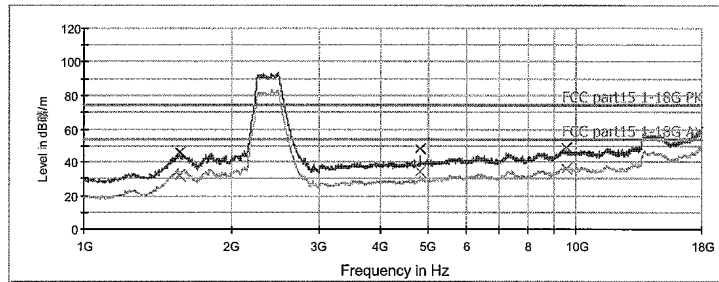
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo Headphones
 Identification: RF-RBWHF01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ Low channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq. : DC 3V
 Receipt No.: 163065935 400
 Report No.: 17017067 002
 Result: Pass
 Comment: Vertical

Subrange 1

Frequency Range: 1GHz – 18GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC HF906 / TUV FSP 30-TUV SAC HF906

Pre TUV 1 to 18G HF906



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
1561.000000	45.5	-14.1	28.5	74.0	V
4824.000000	48.0	-5.5	26.0	74.0	V
9532.000000	48.6	5.2	25.4	74.0	V

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
1561.000000	31.5	-14.1	22.6	54.0	V
4824.000000	34.4	-5.5	19.6	54.0	V
9532.000000	35.7	5.2	18.3	54.0	V

Date: 26/08/2010 - Time: 22:37:45

Tested by: _____ Reviewed by: _____

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

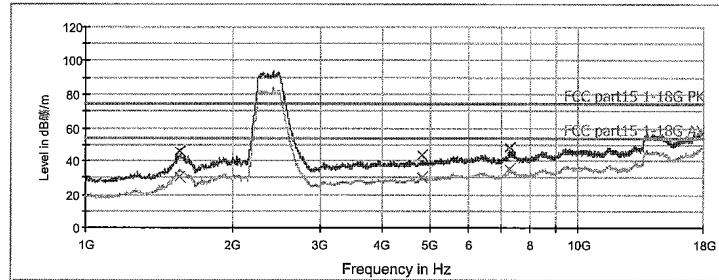
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo Headphones
 Identification: RF-RBWHP01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ Low channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq.: DC 3V
 Receipt No.: 163065935 400
 Report No.: 17017067 002
 Result: Pass
 Comment: Horizontal

Subrange 1

Frequency Range: 1GHz – 18GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC HF906 / TUV FSP 30-TUV SAC HF906

Pre TUV 1 to 18G HF906



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
1559.000000	45.9	-14.1	28.1	74.0	H
4824.000000	43.0	-5.5	31.0	74.0	H
7239.000000	48.2	0.1	25.8	74.0	H

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
1559.000000	30.5	-14.1	23.5	54.0	H
4824.000000	30.4	-5.5	23.6	54.0	H
7239.000000	35.1	0.1	18.9	54.0	H

Date: 26/08/2010 - Time: 22:32:36

Tested by: _____ Reviewed by: _____

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

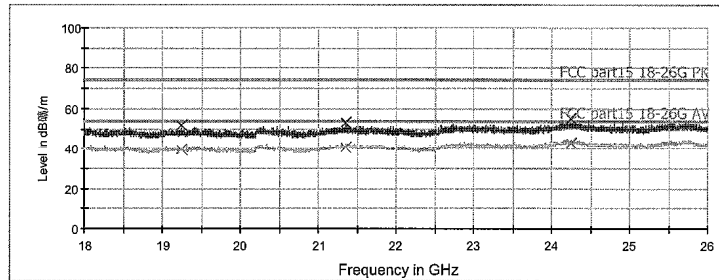
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo Headphones
 Identification: RF-RBWHF01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ Low channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq.: DC 3V
 Receipt No.: 163065935 400
 Report No.: 17017067 002
 Result: Pass
 Comment: Vertical

Subrange 1

Frequency Range: 18GHz - 26GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09

Pre TUV 18 to 26.5 3160-09



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
19248.000000	51.5	5.3	22.6	74.0	V
21345.000000	52.8	5.9	21.2	74.0	V
24244.000000	55.1	6.9	18.9	74.0	V

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
19248.000000	39.3	5.3	14.7	54.0	V
21345.000000	40.8	5.9	13.2	54.0	V
24244.000000	43.1	6.9	10.9	54.0	V

Date: 26/08/2010 - Time: 23:08:49

Tested by: _____ Reviewed by: _____

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

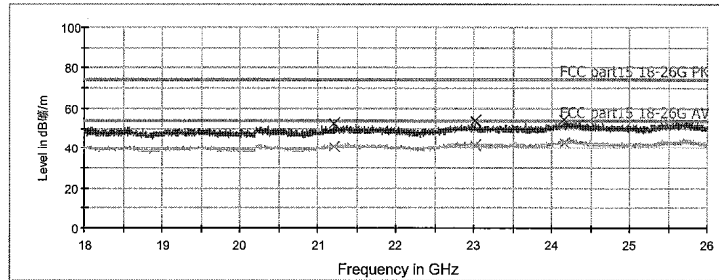
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo Headphones
 Identification: RF-RBWHP01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ Low channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq. : DC 3V
 Receipt No.: 163065935 400
 Report No. 17017067 002
 Result: Pass
 Comment: Horizontal

Subrange 1

Frequency Range: 18GHz - 26GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09

Pre TUV 18 to 26.5 3160-09



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
21207.000000	52.4	5.8	21.6	74.0	H
23011.000000	53.5	6.5	20.5	74.0	H
24156.000000	54.7	6.9	19.3	74.0	H

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
21207.000000	40.6	5.8	13.4	54.0	H
23011.000000	41.3	6.5	12.7	54.0	H
24156.000000	42.9	6.9	11.1	54.0	H

Date: 26/08/2010 - Time: 23:04:52

Tested by: _____ Reviewed by: _____

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

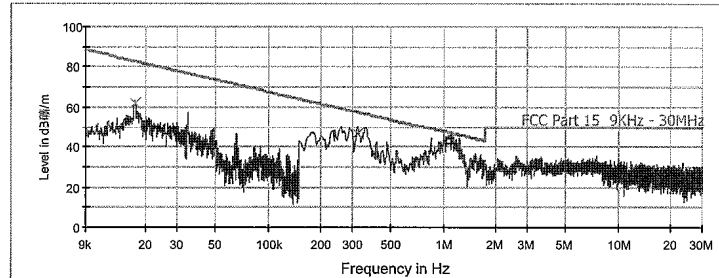
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo Headphones
 Identification: RF-RBWHP01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ Mid channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq. : DC 3V
 Receipt No.: 163065935 400
 Report No. 17017067 002
 Result: Pass
 Comment: Vertical

Subrange 1

Frequency Range: 9kHz - 30MHz
 Receiver: TUV ESCI 3
 Transducer: TUV SAC Active Loop Antenna HFH2-Z2 / TUV ESCI3 -TUV SAC Active Loop Antenna HFH2-Z2

Pre TUV 9K to 30M HFH2-Z2



Result Table Single

Frequency (MHz)	QuasiPeak (dBµV/m)	Average (dBµV/m)	Corr. (dB)	Polarization
1.090000	41.8	---	20.3	V
0.017240	---	61.9	20.6	V
0.322000	---	46.1	20.8	V

Date: 26/08/2010 - Time: 23:42:12

Tested by: _____ Reviewed by: _____

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

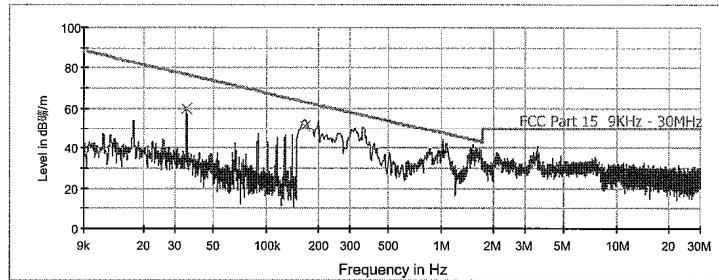
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo Headphones
 Identification: RF-RBWHP01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ Mid channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq.: DC 3V
 Receipt No.: 163065935 400
 Report No.: 17017067 002
 Result: Pass
 Comment: Horizontal

Subrange 1

Frequency Range: 9kHz - 30MHz
 Receiver: TUV ESCI 3
 Transducer: TUV SAC Active Loop Antenna HFH2-Z2 / TUV ESCI3 -TUV SAC Active Loop Antenna HFH2-Z2

Pre TUV 9K to 30M HFH2-Z2



Result Table Single

Frequency (MHz)	QuasiPeak (dBµV/m)	Average (dBµV/m)	Corr. (dB)	Polarization
1.022000	38.3	---	20.3	H
0.034840	---	60.0	20.2	H
0.166000	---	50.7	20.7	H

Date: 26/08/2010 - Time: 23:27:18

Tested by: _____ Reviewed by: _____

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

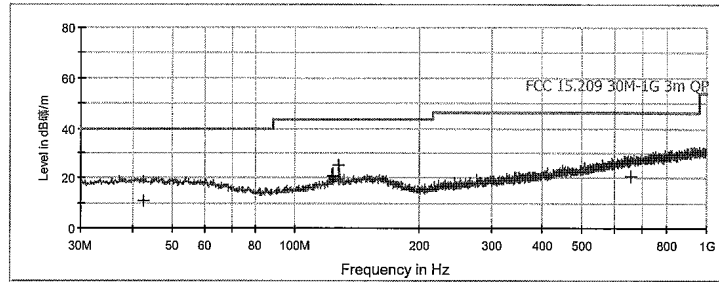
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo Headphones
 Identification: RF-RBWH01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ Mid channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq.: DC 3V
 Receipt No.: 163065935 400
 Report No.: 17017067 002
 Result: Pass
 Comment: Vertical

Subrange 1

Frequency Range: 30MHz – 1GHz
 Receiver: TUV ESCI 3
 Transducer: TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168

FCC 15.209 30M-1G sweep



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
42.600000	10.7	14.6	29.3	40.0	V
124.000000	20.9	13.8	22.6	43.5	V
128.000000	24.8	14.1	18.7	43.5	V
657.100000	20.5	22.7	25.5	46.0	V

Date: 26/08/2010 - Time: 21:36:37

Tested by: _____ Reviewed by: _____

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

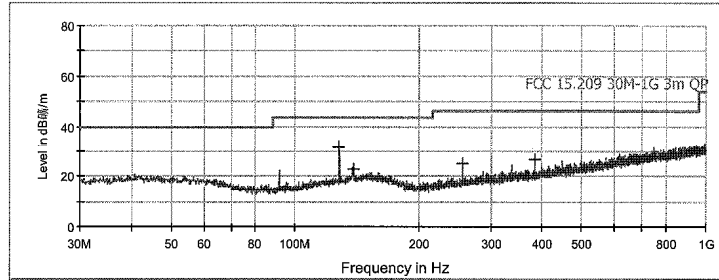
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo Headphones
 Identification: RF-RBWH01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ Mid channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq.: DC 3V
 Receipt No.: 163065935 400
 Report No.: 17017067 002
 Result: Pass
 Comment: Horizontal

Subrange 1

Frequency Range: 30MHz ~ 1GHz
 Receiver: TUV ESCI 3
 Transducer: TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168

FCC 15.209 30M-1G sweep



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
128.000000	31.7	14.1	11.8	43.5	H
138.300000	22.8	14.8	20.7	43.5	H
256.000000	25.2	13.7	20.8	46.0	H
384.000000	26.7	17.0	19.3	46.0	H

Date: 26/08/2010 - Time: 21:33:07

Tested by: _____ Reviewed by: _____

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

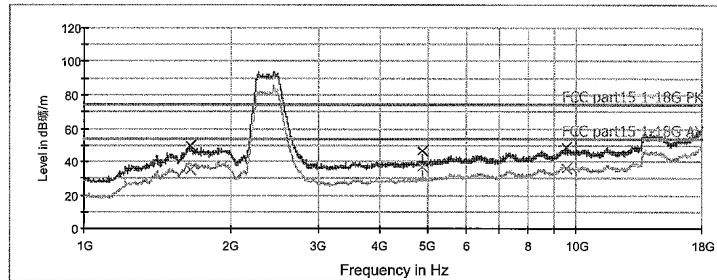
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo Headphones
 Identification: RF-RBWHP01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ Mid channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq. : DC 3V
 Receipt No.: 163065935 400
 Report No. 17017067 002
 Result: Pass
 Comment: Vertical

Subrange 1

Frequency Range: 1GHz – 18GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC HF906 / TUV FSP 30-TUV SAC HF906

Pre TUV 1 to 18G HF906



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
1644.000000	49.5	-13.7	24.5	74.0	V
4876.000000	46.9	-5.6	27.1	74.0	V
9530.000000	49.2	5.2	24.8	74.0	V

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
1644.000000	34.7	-13.7	19.3	54.0	V
4876.000000	36.7	-5.6	17.3	54.0	V
9530.000000	36.1	5.2	17.9	54.0	V

Date: 26/08/2010 - Time: 22:04:31

Tested by: _____ Reviewed by: _____

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

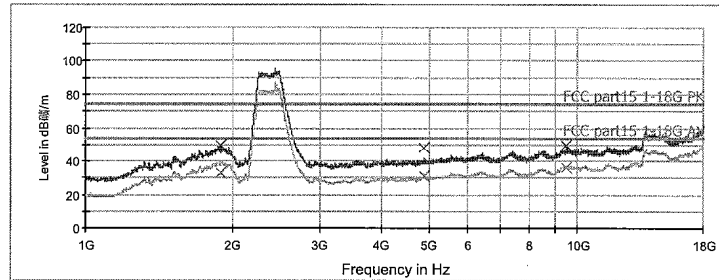
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo Headphones
 Identification: RF-RBWHPP01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ Mid channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq.: DC 3V
 Receipt No.: 163065935 400
 Report No.: 17017067 002
 Result: Pass
 Comment: Horizontal

Subrange 1

Frequency Range: 1GHz – 18GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC HF906 / TUV FSP 30-TUV SAC HF906

Pre TUV 1 to 18G HF906



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
1886.000000	50.2	-12.5	23.8	74.0	H
4876.000000	47.8	-5.6	26.2	74.0	H
9526.000000	49.8	5.1	24.2	74.0	H

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
1886.000000	32.4	-12.5	21.6	54.0	H
4876.000000	30.8	-5.6	23.2	54.0	H
9526.000000	36.1	5.1	17.9	54.0	H

Date: 26/08/2010 - Time: 21:54:44

Tested by: _____ Reviewed by: _____

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

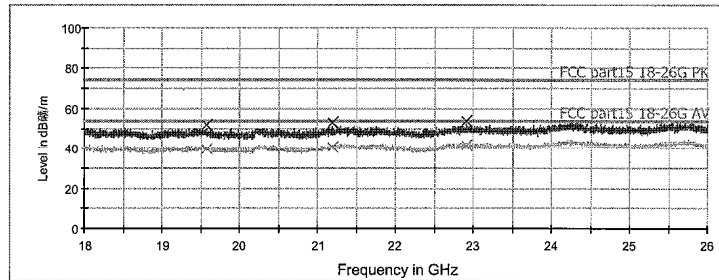
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo Headphones
 Identification: RF-RBWHF01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ Mid channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq. : DC 3V
 Receipt No.: 163065935 400
 Report No. 17017067 002
 Result: Pass
 Comment: Vertical

Subrange 1

Frequency Range: 18GHz - 26GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09

Pre TUV 18 to 26.5 3160-09



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
19586.000000	51.8	5.5	22.2	74.0	V
21187.000000	53.0	5.8	21.0	74.0	V
22907.000000	54.0	6.5	20.0	74.0	V

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
19586.000000	39.5	5.5	14.5	54.0	V
21187.000000	40.6	5.8	13.4	54.0	V
22907.000000	41.7	6.5	12.3	54.0	V

Date: 26/08/2010 - Time: 22:57:33

Tested by: _____ Reviewed by: _____

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

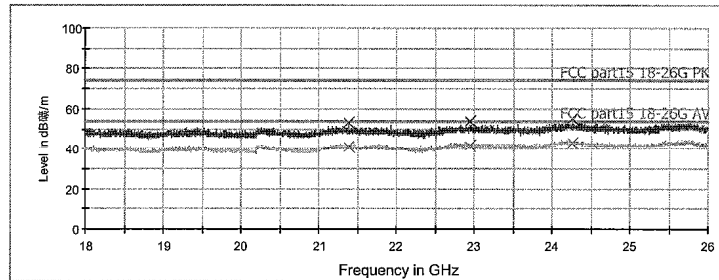
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo Headphones
 Identification: RF-RBWH01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ Mid channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq. : DC 3V
 Receipt No.: 163065935 400
 Report No. 17017067 002
 Result: Pass
 Comment: Horizontal

Subrange 1

Frequency Range: 18GHz - 26GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09

Pre TUV 18 to 26.5 3160-09



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
21387.000000	52.8	5.9	21.2	74.0	H
22946.000000	53.6	6.5	20.4	74.0	H
24268.000000	54.8	6.9	19.2	74.0	H

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
21387.000000	40.7	5.9	13.3	54.0	H
22946.000000	41.5	6.5	12.5	54.0	H
24268.000000	43.1	6.9	10.9	54.0	H

Date: 26/08/2010 - Time: 23:01:16

Tested by: _____ Reviewed by: _____

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

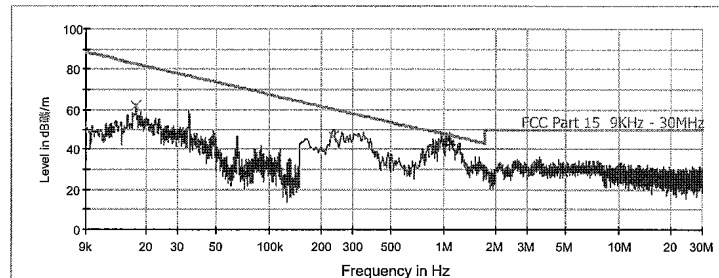
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo Headphones
 Identification: RF-RBWHF01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ High channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq. : DC 3V
 Receipt No.: 163065935 400
 Report No. 17017067 002
 Result: Pass
 Comment: Vertical

Subrange 1

Frequency Range: 9kHz - 30MHz
 Receiver: TUV ESCI 3
 Transducer: TUV SAC Active Loop Antenna HFH2-Z2 / TUV ESCI3 -TUV SAC Active Loop Antenna HFH2-Z2

Pre TUV 9K to 30M HFH2-Z2



Result Table Single

Frequency (MHz)	QuasiPeak (dBµV/m)	Average (dBµV/m)	Corr. (dB)	Polarization
1.074000	42.3	---	20.3	V
0.017240	---	62.0	20.6	V
0.234000	---	46.2	20.9	V

Date: 26/08/2010 - Time: 23:44:39

Tested by: _____ Reviewed by: _____

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

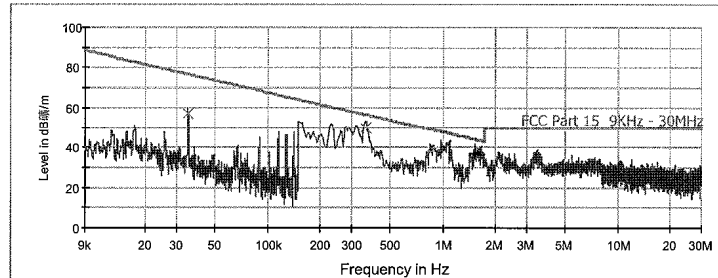
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo Headphones
 Identification: RF-RBWH01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ High channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq.: DC 3V
 Receipt No.: 163065935 400
 Report No.: 17017067 002
 Result: Pass
 Comment: Horizontal

Subrange 1

Frequency Range: 9kHz - 30MHz
 Receiver: TUV ESCI 3
 Transducer: TUV SAC Active Loop Antenna HFH2-Z2 / TUV ESCI3 -TUV SAC Active Loop Antenna HFH2-Z2

Pre TUV 9K to 30M HFH2-Z2



Result Table Single

Frequency (MHz)	QuasiPeak (dBµV/m)	Average (dBµV/m)	Corr. (dB)	Polarization
1.522000	37.1	---	20.2	H
0.034840	---	57.4	20.2	H
0.358000	---	50.0	20.8	H

Date: 26/08/2010 - Time: 23:24:08

Tested by: _____ Reviewed by: _____

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

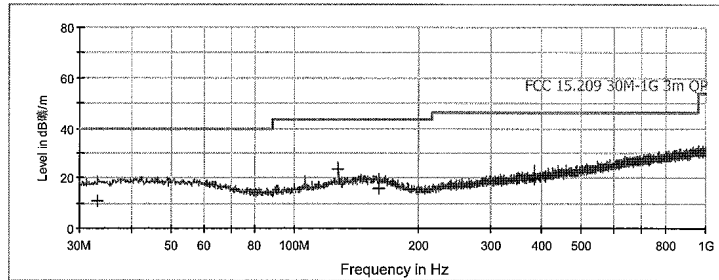
Test Information

Manufacturer:	Beautiful Enterprise Co.,Ltd.		
Test Item:	Wireless Stereo Headphones		
Identification:	RF-RBWH01		
Test Standard:	FCC Part 15		
Test Detail:	RE		
Operation Mode:	Tx @ High channel		
Climate Condition:	23 °C;	50 %RH;	101 kPa.
Test Voltage / Freq. :	DC 3V		
Receipt No.:	163065935 400		
Report No.:	17017067 002		
Result:	Pass		
Comment:	Vertical		

Subrange 1

Frequency Range:	30MHz – 1GHz
Receiver:	TUV ESCI 3
Transducer:	TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168

FCC 15.209 30M-1G sweep



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
33.200000	10.9	13.9	29.1	40.0	V
128.000000	23.5	14.1	20.0	43.5	V
160.000000	16.0	15.6	27.5	43.5	V
384.000000	19.6	17.0	26.4	46.0	V

Date: 26/08/2010 - Time: 21:11:24

Tested by: _____ Reviewed by: _____

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

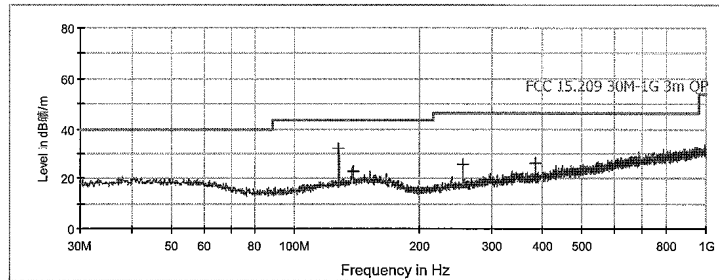
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo Headphones
 Identification: RF-RBWH01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ High channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq. : DC 3V
 Receipt No.: 163065935 400
 Report No.: 17017067 002
 Result: Pass
 Comment: Horizontal

Subrange 1

Frequency Range: 30MHz – 1GHz
 Receiver: TUV ESCI 3
 Transducer: TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168

FCC 15.209 30M-1G sweep



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
128.000000	32.0	14.1	11.5	43.5	H
138.300000	22.8	14.8	20.7	43.5	H
256.000000	25.4	13.7	20.6	46.0	H
384.000000	26.3	17.0	19.7	46.0	H

Date: 26/08/2010 - Time: 21:17:38

Tested by: _____ Reviewed by: _____

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

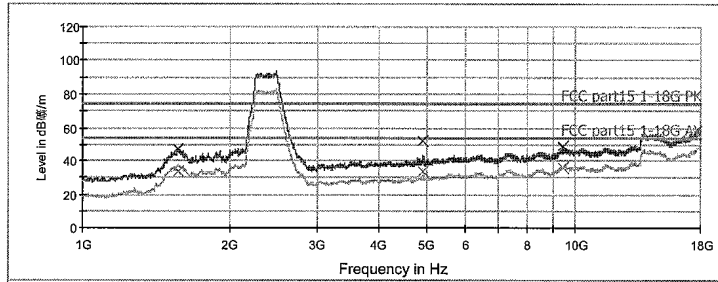
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo Headphones
 Identification: RF-RBWH01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ High channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq.: DC 3V
 Receipt No.: 163065935 400
 Report No.: 17017067 002
 Result: Pass
 Comment: Vertical

Subrange 1

Frequency Range: 1GHz – 18GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC HF906 / TUV FSP 30-TUV SAC HF906

Pre TUV 1 to 18G HF906



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
1567.000000	47.3	-14.1	26.7	74.0	V
4924.000000	52.0	-5.7	22.0	74.0	V
9424.000000	48.6	4.7	25.4	74.0	V

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
1567.000000	33.3	-14.1	20.7	54.0	V
4924.000000	33.2	-5.7	20.8	54.0	V
9424.000000	35.6	4.7	18.4	54.0	V

Date: 26/08/2010 - Time: 22:15:03

Tested by: _____ Reviewed by: _____

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

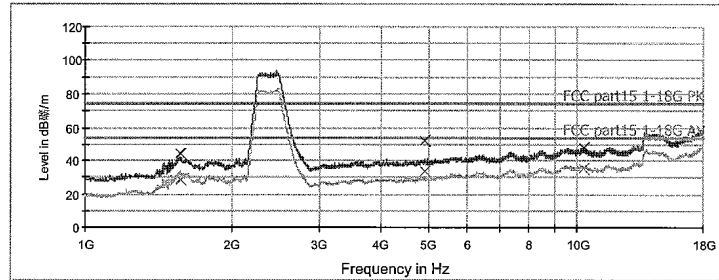
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo Headphones
 Identification: RF-RBWHF01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ High channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq.: DC 3V
 Receipt No.: 163065935 400
 Report No. 17017067 002
 Result: Pass
 Comment: Horizontal

Subrange 1

Frequency Range: 1GHz – 18GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC HF906 / TUV FSP 30-TUV SAC HF906

Pre TUV 1 to 18G HF906



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
1565.000000	44.1	-14.1	29.9	74.0	H
4924.000000	52.1	-5.7	21.9	74.0	H
10310.000000	48.3	5.4	25.7	74.0	H

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
1565.000000	28.2	-14.1	25.8	54.0	H
4924.000000	33.2	-5.7	20.8	54.0	H
10310.000000	35.2	5.4	18.8	54.0	H

Date: 26/08/2010 - Time: 22:18:34

Tested by: _____ Reviewed by: _____

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

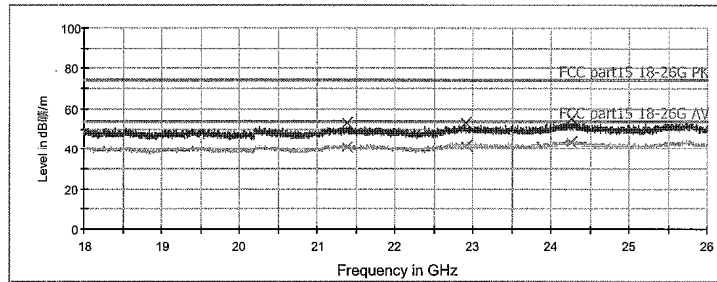
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo Headphones
 Identification: RF-RBWHF01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ High channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq. : DC 3V
 Receipt No.: 163065935 400
 Report No. 17017067 002
 Result: Pass
 Comment: Vertical

Subrange 1

Frequency Range: 18GHz - 26GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09

Pre TUV 18 to 26.5 3160-09



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
21382.000000	52.8	5.9	21.2	74.0	V
22913.000000	53.0	6.5	21.0	74.0	V
24266.000000	55.0	6.9	19.0	74.0	V

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
21382.000000	40.9	5.9	13.1	54.0	V
22913.000000	41.6	6.5	12.4	54.0	V
24266.000000	43.2	6.9	10.8	54.0	V

Date: 26/08/2010 - Time: 22:53:28

Tested by: _____ Reviewed by: _____

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

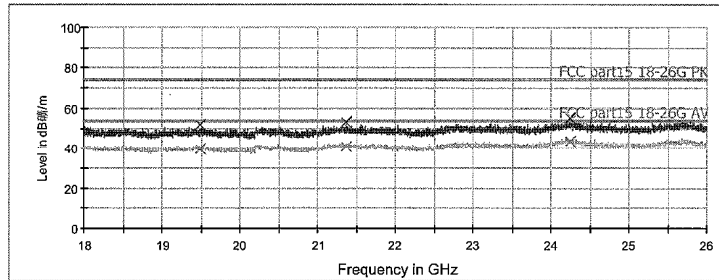
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo Headphones
 Identification: RF-RBWHP01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Tx @ High channel
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq. : DC 3V
 Receipt No.: 163065935 400
 Report No. 17017067 002
 Result: Pass
 Comment: Horizontal

Subrange 1

Frequency Range: 18GHz - 26GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09

Pre TUV 18 to 26.5 3160-09



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
19494.000000	51.5	5.4	22.5	74.0	H
21366.000000	53.2	5.9	20.8	74.0	H
24252.000000	54.9	6.9	19.1	74.0	H

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
19494.000000	39.8	5.4	14.2	54.0	H
21366.000000	41.0	5.9	13.0	54.0	H
24252.000000	43.2	6.9	10.8	54.0	H

Date: 26/08/2010 - Time: 22:48:55

Tested by: _____ Reviewed by: _____

Test Graph of Spurious emissions, mode B

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

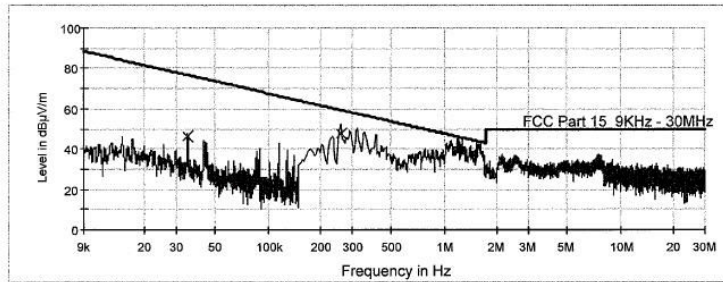
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo headphones
 Identification: RF-RBWH01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Receiving
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq. : DC 3V
 Receipt No.: 163065935 100
 Report No. 17017067 002
 Result: Pass
 Comment: Horizontal

Subrange 1

Frequency Range: 9kHz - 30MHz
 Receiver: TUV ESCI 3
 Transducer: TUV SAC Active Loop Antenna HFH2-Z2 / TUV ESCI3 -TUV SAC Active Loop Antenna HFH2-Z2

Pre TUV 9K to 30M HFH2-Z2



Result Table Single

Frequency (MHz)	QuasiPeak (dBµV/m)	Average (dBµV/m)	Corr. (dB)	Polarization
7.514000	32.5	---	21.9	H
1.202000	40.7	---	20.3	H
0.034920	---	46.5	20.2	H
0.262000	---	47.6	20.9	H

Date: 29/07/2010 - Time: 23:21:53

Tested by



Reviewed by:



TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

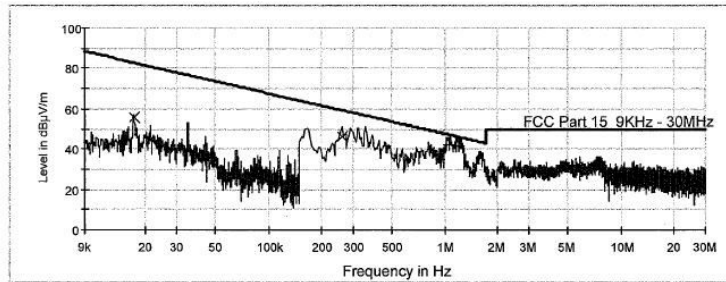
Test Information

Manufacturer:	Beautiful Enterprise Co.,Ltd.
Test Item:	Wireless Stereo headphones
Identification	RF-RBWHPO1
Test Standard:	FCC Part 15
Test Detail:	RE
Operation Mode:	Receiving
Climate Condition:	23 °C; 50 %RH; 101 kPa.
Test Voltage / Freq. :	DC 3V
Receipt No.:	163065935 100
Report No.	17017067 002
Result:	Pass
Comment:	Vertical

Subrange 1

Frequency Range:	9kHz - 30MHz
Receiver:	TUV ESCI 3
Transducer:	TUV SAC Active Loop Antenna HFH2-Z2 / TUV ESCI3 -TUV SAC Active Loop Antenna HFH2-Z2

Pre TUV 9K to 30M HFH2-Z2



Result Table Single

Frequency (MHz)	QuasiPeak (dBµV/m)	Average (dBµV/m)	Corr. (dB)	Polarization
7.486000	29.9	---	21.9	V
1.062000	42.1	---	20.3	V
1.202000	41.6	---	20.3	V
0.017160	---	55.7	20.6	V
0.262000	---	46.1	20.9	V

Date: 29/07/2010 - Time: 23:15:16

Tested by:  Reviewed by: 

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

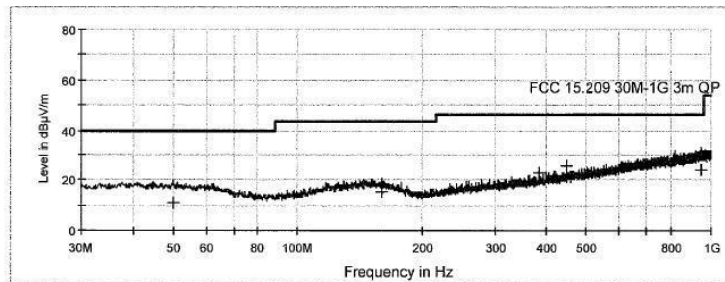
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo headphones
 Identification: RF-RBWHF01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Receiving
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq. : DC 3V
 Receipt No.: 163065935 100
 Report No. 17017067 002
 Result: Pass
 Comment: Vertical

Subrange 1

Frequency Range: 30MHz – 1GHz
 Receiver: TUV ESCI 3
 Transducer: TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168

Pre TUV 30M to 1G UVLB9168



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
50.000000	10.9	14.3	29.1	40.0	V
160.000000	15.5	15.6	28.0	43.5	V
384.000000	22.7	17.0	23.3	46.0	V
448.000000	25.5	18.8	20.5	46.0	V
949.800000	24.1	26.4	21.9	46.0	V

Date: 29/07/2010 - Time: 22:18:38

Tested by:  Reviewed by: 

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

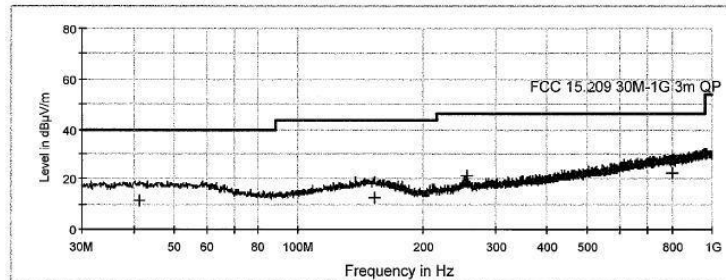
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo headphones
 Identification: RF-RBWHHP01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Receiving
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq.: DC 3V
 Receipt No.: 163065935 100
 Report No. 17017067 002
 Result: Pass
 Comment: Horizontal

Subrange 1

Frequency Range: 30MHz – 1GHz
 Receiver: TUV ESCI 3
 Transducer: TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168

Pre TUV 30M to 1G UVLB9168



Limit and Margin QP

Frequency (MHz)	QuasiPeak (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
41.500000	11.4	14.7	28.6	40.0	H
152.700000	12.3	15.7	31.2	43.5	H
256.000000	21.4	13.7	24.6	46.0	H
801.700000	22.3	24.5	23.7	46.0	H

Date: 29/07/2010 - Time: 22:12:56

Tested by:  Reviewed by: 

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

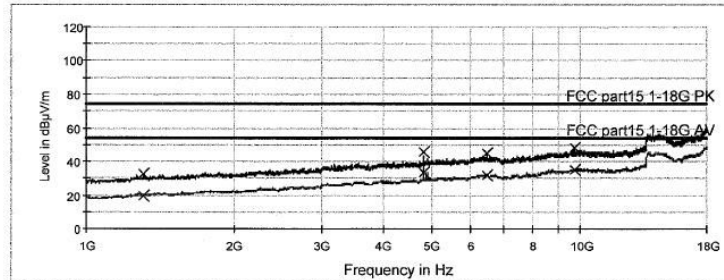
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo headphones
 Identification: RF-RBWH01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Receiving
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq. : DC 3V
 Receipt No.: 163065935 100
 Report No.: 17017067 002
 Result: Pass
 Comment: Vertical

Subrange 1

Frequency Range: 1GHz – 18GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC HF906 / TUV FSP 30-TUV SAC HF906

Pre TUV 1 to 18G HF906





Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
1310.000000	32.4	-15.9	41.6	74.0	V
4823.000000	45.6	-5.9	28.4	74.0	V
6480.000000	44.8	-2.1	29.2	74.0	V
9719.000000	48.3	4.6	25.7	74.0	V

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
1310.000000	19.5	-15.9	34.5	54.0	V
4823.000000	33.4	-5.9	20.6	54.0	V
6480.000000	31.9	-2.1	22.1	54.0	V
9719.000000	34.8	4.6	19.2	54.0	V

Date: 29/07/2010 - Time: 16:48:37

Tested by:  Reviewed by: 

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

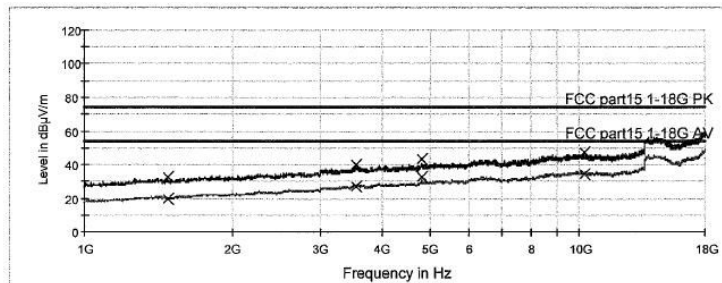
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo headphones
 Identification: RF-RBWH01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Receiving
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq. : DC 3V
 Receipt No.: 163065935 100
 Report No. 17017067 002
 Result: Pass
 Comment: Horizontal

Subrange 1

Frequency Range: 1GHz – 18GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC HF906 / TUV FSP 30-TUV SAC HF906

Pre TUV 1 to 18G HF906



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
1478.000000	32.6	-15.6	41.4	74.0	H
3554.000000	40.1	-7.6	33.9	74.0	H
4823.000000	43.3	-5.9	30.7	74.0	H
10265.000000	47.5	5.1	26.5	74.0	H

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
1478.000000	19.5	-15.6	34.5	54.0	H
3554.000000	27.1	-7.6	26.9	54.0	H
4823.000000	32.3	-5.9	21.7	54.0	H
10265.000000	34.6	5.1	19.4	54.0	H

Date: 29/07/2010 - Time: 16:40:10

Tested by:  Reviewed by: 

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

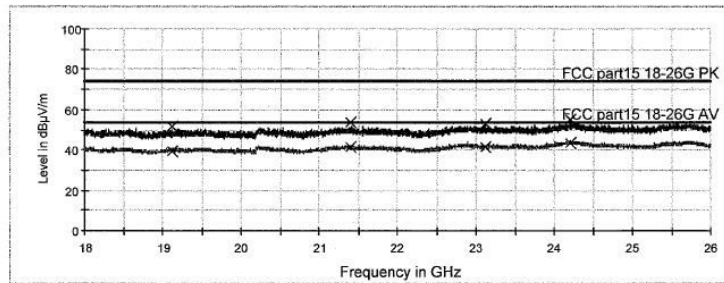
Test Information

Manufacturer:	Beautiful Enterprise Co.,Ltd.
Test Item:	Wireless Stereo headphones
Identification:	RF-RBWH01
Test Standard:	FCC Part 15
Test Detail:	RE
Operation Mode:	Receiving
Climate Condition:	23 °C; 50 %RH; 101 kPa.
Test Voltage / Freq. :	DC 3V
Receipt No.:	163065935 100
Report No.	17017067 002
Result:	Pass
Comment:	Vertical

Subrange 1

Frequency Range:	18GHz - 26GHz
Receiver:	TUV FSP 30
Transducer:	TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09

Pre TUV 18 to 26.5 3160-09



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
19130.000000	51.6	5.2	22.4	74.0	V
21399.000000	53.5	5.9	20.5	74.0	V
23127.000000	53.0	6.6	21.0	74.0	V
24213.000000	55.1	6.9	18.9	74.0	V

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
19130.000000	39.6	5.2	14.4	54.0	V
21399.000000	41.3	5.9	12.7	54.0	V
23127.000000	41.3	6.6	12.7	54.0	V
24213.000000	43.3	6.9	10.7	54.0	V

Date: 29/07/2010 - Time: 17:15:59

Tested by:  Reviewed by: 

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

EMC Test Record (EMISSION)

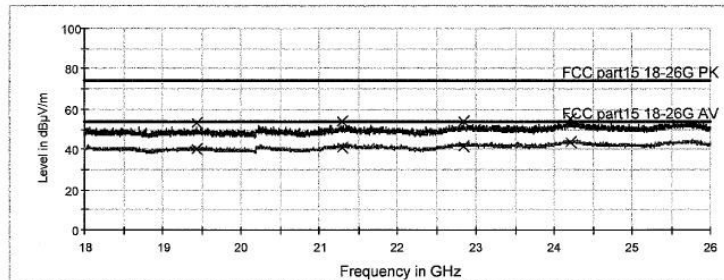
Test Information

Manufacturer: Beautiful Enterprise Co.,Ltd.
 Test Item: Wireless Stereo headphones
 Identification: RF-RBWHP01
 Test Standard: FCC Part 15
 Test Detail: RE
 Operation Mode: Receiving
 Climate Condition: 23 °C; 50 %RH; 101 kPa.
 Test Voltage / Freq. : DC 3V
 Receipt No.: 163065935 100
 Report No.: 17017067 002
 Result: Pass
 Comment: Horizontal

Subrange 1

Frequency Range: 18GHz - 26GHz
 Receiver: TUV FSP 30
 Transducer: TUV SAC 3160-09 / TUV FSP 30-TUV SAC 3160-09

Pre TUV 18 to 26.5 3160-09



Limit and Margin PK

Frequency (MHz)	MaxPeak (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
19435.000000	52.8	5.4	21.2	74.0	H
21297.000000	53.5	5.9	20.5	74.0	H
22835.000000	53.8	6.4	20.2	74.0	H
24215.000000	55.0	6.9	19.0	74.0	H

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)	Polarization
19435.000000	40.1	5.4	13.9	54.0	H
21297.000000	41.1	5.9	12.9	54.0	H
22835.000000	41.6	6.4	12.4	54.0	H
24215.000000	43.3	6.9	10.7	54.0	H

Date: 29/07/2010 - Time: 17:10:28

Tested by:



Reviewed by:



Test Graph of Conducted emissions, mode C

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

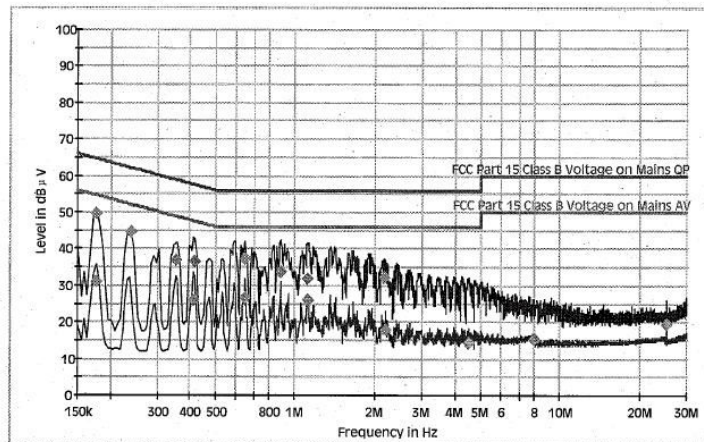
EMC Test Record (EMISSION)

Test Information

Manufacturer: Beautiful enterprise co., ltd
Test Item: Wireless Stereo Headphone
Identification: RF-RBWHPO1
Test Standard: FCC Part 15
Test Detail: Conducted Emission
Operation Mode: C
Climate Condition: 23°C; 52%RH; 101 kPa.
Test Voltage/ Freq.: AC120V / 60Hz
Port / Line: AC Mains
Receipt No.: 163065935 100
Report No.: 17017067 001
Result: Pass
Comment: /

Hardware Setup: 1phase LISN ESH3-Z5 to ESCS30
Level Unit: dB μ V

Subrange	Detectors	IF Bandwidth	Step Size	Meas. Time	Receiver
150kHz - 30MHz	Peak; Average	9kHz	4.5kHz	10ms	ESCS 30



2010-7-29, 14:28:00

Tested by:



Reviewed by:



TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Final Measurement Detector 1

Frequency (MHz)	QuasiPeak (dB μ V)	Meas. Time (ms)	Bandwidth (kHz)	PE	Line
0.177000	49.6	1000.000	9.000	GND	N
0.240000	44.4	1000.000	9.000	GND	N
0.352500	36.8	1000.000	9.000	GND	L1
0.415500	36.6	1000.000	9.000	GND	L1
0.645000	37.3	1000.000	9.000	GND	L1
0.888000	33.5	1000.000	9.000	GND	L1
1.122000	31.8	1000.000	9.000	GND	L1
2.179500	32.1	1000.000	9.000	GND	L1

(continuation of the "Final Measurement Detector 1" table from column 6 ...)

Frequency (MHz)	Corr. (dB)	Margin (dB)	Limit (dB μ V)	Comment
0.177000	10.2	15.1	64.6	
0.240000	10.2	17.7	62.1	
0.352500	9.9	22.1	58.9	
0.415500	10.0	20.9	57.5	
0.645000	9.9	18.7	56.0	
0.888000	10.0	22.5	56.0	
1.122000	9.9	24.2	56.0	
2.179500	10.1	23.9	56.0	

Final Measurement Detector 2

Frequency (MHz)	Average (dB μ V)	Meas. Time (ms)	Bandwidth (kHz)	PE	Line
0.177000	31.2	1000.000	9.000	GND	L1
0.411000	25.8	1000.000	9.000	GND	L1
0.649500	26.7	1000.000	9.000	GND	L1
1.122000	26.0	1000.000	9.000	GND	L1
2.188500	17.8	1000.000	9.000	GND	L1
4.524000	14.1	1000.000	9.000	GND	L1
8.016000	15.3	1000.000	9.000	GND	N
25.228500	19.2	1000.000	9.000	GND	N

(continuation of the "Final Measurement Detector 2" table from column 6 ...)

Frequency (MHz)	Corr. (dB)	Margin (dB)	Limit (dB μ V)	Comment
0.177000	10.2	23.5	54.6	
0.411000	10.0	21.8	47.6	
0.649500	9.9	19.3	46.0	
1.122000	9.9	20.0	46.0	
2.188500	10.1	28.2	46.0	
4.524000	10.2	31.9	46.0	
8.016000	10.4	34.7	50.0	
25.228500	11.4	30.8	50.0	

2010-7-29, 14:28:00

Tested by: _____ Reviewed by: _____

