FCC CERTIFICATION
On Behalf of
Radio Technology (H.K.) Limited

FM Stereo Transmitter
Model No.: FT-007

FCC ID: YXEFT-007

Prepared for	:	Radiorock Technology (H.K.) Limited
Address	:	No. 12, Jiyuan Str., Juzhou 2nd Industrial Zone, Shijie Town, Dongguan City, Guangdong, China
Prepared by	:	Accurate Technology Co., Ltd.
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Report Number	:	ATE20102291
Date of Test	:	November 3-5, 2010
Date of Report	:	November 8, 2010

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Description Page

Test Report Certification

Applicant	:	Radiorock Technology (H.K.) Limited
Manufacturer	:	Radiorock Technology (H.K.) Limited
EUT Description	:	FM Stereo Transmitter

(A) MODEL NO.: FT-007

(B) SERIAL NO.: N/A

(C) POWER SUPPLY: DC 3-6V ("AA" batteries 2× or adapter input)

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart C Section 15.239
ANSI 63.4: 2003

The device described above is tested by ACCURATE TECHNOLOGY CO. LTD to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart C Section15.239 limits. The measurement results are contained in this test report and ACCURATE TECHNOLOGY CO. LTD is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of ACCURATE TECHNOLOGY CO. LTD.

Date of Test : November 3-5, 2010

Prepared by :

(Engineer)

Approved & Authorized Signer :

(Manager)

1. GENERAL INFORMATION

1.1.Description of Device (EUT)

EUT	:	FM Stereo Transmitter
Model Number	:	FT-007
Power Supply	:	DC 3-6V ("AA" batteries 2× or adapter input)
Adapter	:	Model: DU35050100C Input: AC 120V/60Hz Output: DC 5.0V/100Ma
Operate Frequency	:	88.3-107.7MHz
Applicant	:	Radiorock Technology (H.K.) Limited
Address	:	No. 12, Jiyuan Str., Juzhou 2nd Industrial Zone, Shijie Town, Dongguan City, Guangdong, China
Manufacturer	:	Radiorock Technology (H.K.) Limited
Address	:	No. 12, Jiyuan Str., Juzhou 2nd Industrial Zone, Shijie Town, Dongguan City, Guangdong, China
Date of sample received	:	October 28, 2010
Date of Test	:	November 3-5, 2010

1.2.Description of Test Facility

EMC Lab	:	Accredited by TUV Rheinland Shenzhen Listed by FCC The Registration Number is 752051 Listed by Industry Canada The Registration Number is 5077A-2 Accredited by China National Accreditation Committee for Laboratories The Certificate Registration Number is L3193
Name of Firm	:	ACCURATE TECHNOLOGY CO. LTD
Site Location	:	F1, Bldg. A, Changyuan New Material Port, Keyuan Rd. Science & Industry Park, Nanshan, Shenzhen, Guangdong P.R. China

1.3.Measurement Uncertainty

Conducted Emission Expanded Uncertainty	=	2.23dB, k=2
Radiated emission expanded uncertainty (9kHz-30MHz)	=	3.08dB, k=2
Radiated emission expanded uncertainty (30MHz-1000MHz)	=	4.42dB, k=2
Radiated emission expanded uncertainty (Above 1GHz)	=	4.06dB, k=2

2. MEASURING DEVICE AND TEST EQUIPMENT

Table 1: List of Test and Measurement Equipment

Kind of equipment	Manufacturer	Type	S/N	Calibrated until
EMI Test Receiver	Rohde&Schwarz	ESCS30	100307	Jan. 9, 2011
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	Jan. 9, 2011
Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 9, 2011
Pre-Amplifier	Rohde&Schwarz	CBLU1183540-01	3791	Jan. 9, 2011
Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan. 9, 2011
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan. 9, 2011
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan. 9, 2011
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	Jan. 9, 2011
LISN	Rohde&Schwarz	ESH3-Z5	100305	Jan. 9, 2011
LISN	Schwarzbeck	NSLK8126	8126431	Jan. 9, 2011
iPod	Apple	A1136	2Z6500GBSZA	----

3. SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
Section 15.207	Conducted Emission	Compliant
Section 15.239(c) Section 15.209	Harmonics and Spurious Radiated Emission	Compliant
Section 15.239(b)	Fundamental Radiated Emission	Compliant
Section 15.239(a)	Occupied Bandwidth	Compliant
Section 15.239	Tuning Range	Compliant

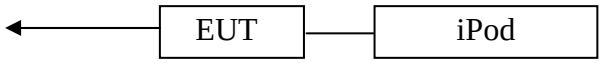
Remark: “N/A” means “Not applicable”.

4. HARMONICS AND SPURIOUS RADIATED EMISSION FOR FCC PART 15 SECTION 15.239(C)

4.1.Block Diagram of Test Setup

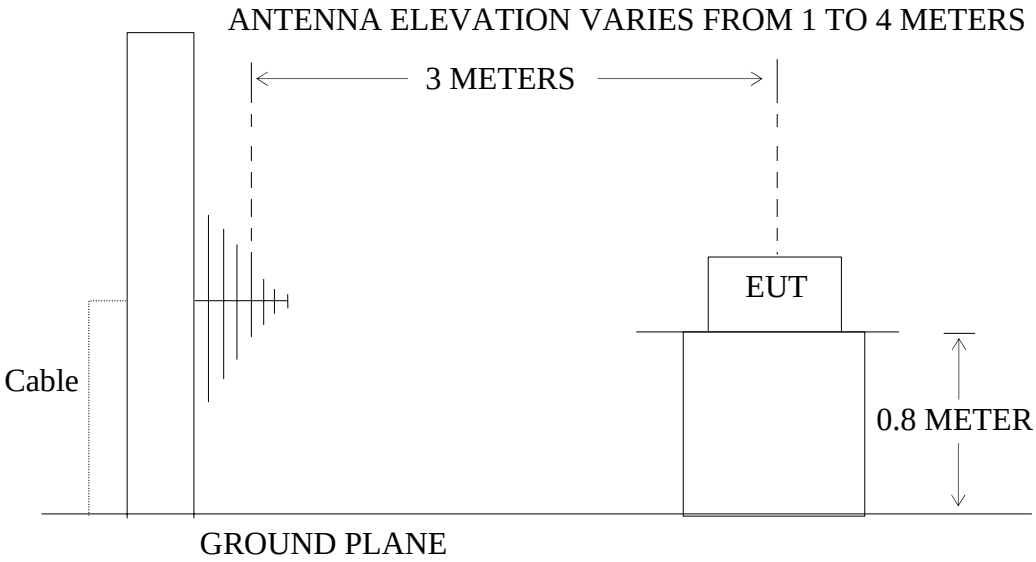
4.1.1.Block diagram of connection between the EUT and simulators

AC 120V/60Hz



(EUT: FM Stereo Transmitter)

4.1.2.Semi-Anechoic Chamber Test Setup Diagram



(EUT: FM Stereo Transmitter)

4.2.The Emission Limit for section 15.239(c)

4.2.1. The field strength of any emissions radiated on any frequency outside of the specified 200 kHz band shall not exceed the general radiated emission limits in Section 15.209.

Radiation Emission Measurement Limits According to Section 15.209

Frequency (MHz)	Limit,		
	Field Strength of Quasi-peak Value (microvolts/m)	Field Strength of Quasi-peak Value (dBμV/m)	The final measurement in band 9-90kHz, 110-490kHz and above 1000MHz is performed with Average detector. Except those frequency bands mention above, the final measurement for frequencies below 1000MHz is performed with Quasi Peak detector.
30 - 88	100	40	
88 - 216	150	43.5	
216 - 960	200	46	
Above 960	500	54	

4.3.Configuration of EUT on Measurement

The following equipment are installed on Radiated Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

4.3.1.FM Stereo Transmitter (EUT)

Model Number : FT-007
Serial Number : N/A
Manufacturer : Radiorock Technology (H.K.) Limited

4.4. Operating Condition of EUT

4.4.1. Setup the EUT and simulator as shown as Section 4.1.

4.4.2. Turn on the power of all equipment.

4.4.3. Let the EUT work in TX modes [Connect EUT use iPod playing typical audio signal with maximum audio level] measure it. The transmit frequency are 88.3-107.7MHz. We are select 88.3M, 98.0M, 107.7MHz TX frequency to transmit.

4.5. Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4: 2003 on radiated emission measurement.

The bandwidth of test receiver is set at 120kHz in 30-1000MHz.

The frequency range from 30MHz to 1000MHz is checked.

The final measurement for frequencies below 1000MHz is performed with Quasi Peak detector.

4.6. The Field Strength of Radiation Emission Measurement Results

PASS.

The frequency range 30MHz to 1000MHz is investigated.

Date of Test:	November 4, 2010	Temperature:	25°C
EUT:	FM Stereo Transmitter	Humidity:	50%
Model No.:	FT-007	Power Supply:	AC 120V/60Hz
Test Mode:	TX 88.3MHz	Test Engineer:	Joe

Polarization	Frequency (MHz)	Reading(dBμV/m) QP	Factor Corr.(dB)	Result(dBμV/m) QP	Limits(dBμV/m) QP	Margin(dB) QP
Horizontal	176.5780	8.25	15.76	24.01	43.50	-19.49
Vertical	9.49	15.76	15.76	25.252	43.50	-18.25

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:
   Result = Reading + Corrected Factor
   Where Corrected Factor = Antenna Factor + Cable Loss + High Pass Filter Loss – Amplifier Gain

3. The spectral diagrams in appendix I display the measurement of peak values.

Date of Test:	November 4, 2010	Temperature:	25°C
EUT:	FM Stereo Transmitter	Humidity:	50%
Model No.:	FT-007	Power Supply:	AC 120V/60Hz
Test Mode:	TX 98.0MHz	Test Engineer:	Joe

Polarization	Frequency (MHz)	Reading(dBμV/m) QP	Factor Corr.(dB)	Result(dBμV/m) QP	Limits(dBμV/m) QP	Margin(dB) QP
Horizontal	195.9760	9.19	16.03	25.22	43.50	-18.28
Vertical	195.9760	10.30	16.15	26.45	43.50	-17.05

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:
   Result = Reading + Corrected Factor
   Where Corrected Factor = Antenna Factor + Cable Loss + High Pass Filter Loss – Amplifier Gain

3. The spectral diagrams in appendix I display the measurement of peak values.

Date of Test:	November 4, 2010	Temperature:	25°C
EUT:	FM Stereo Transmitter	Humidity:	50%
Model No.:	FT-007	Power Supply:	AC 120V/60Hz
Test Mode:	TX 107.7MHz	Test Engineer:	Joe

Polarization	Frequency (MHz)	Reading(dBμV/m) QP	Factor Corr.(dB)	Result(dBμV/m) QP	Limits(dBμV/m) QP	Margin(dB) QP
Horizontal	215.3720	10.89	16.55	27.44	43.50	-16.06
Vertical	215.3720	13.40	16.55	29.95	43.50	-13.55

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:
   Result = Reading + Corrected Factor
   Where Corrected Factor = Antenna Factor + Cable Loss + High Pass Filter Loss – Amplifier Gain

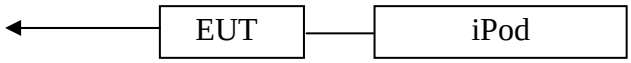
3. The spectral diagrams in appendix I display the measurement of peak values.

5. FUNDAMENTAL RADIATED EMISSION FOR FCC PART 15 SECTION 15.239(B)

5.1.Block Diagram of Test Setup

5.1.1.Block diagram of connection between the EUT and simulators

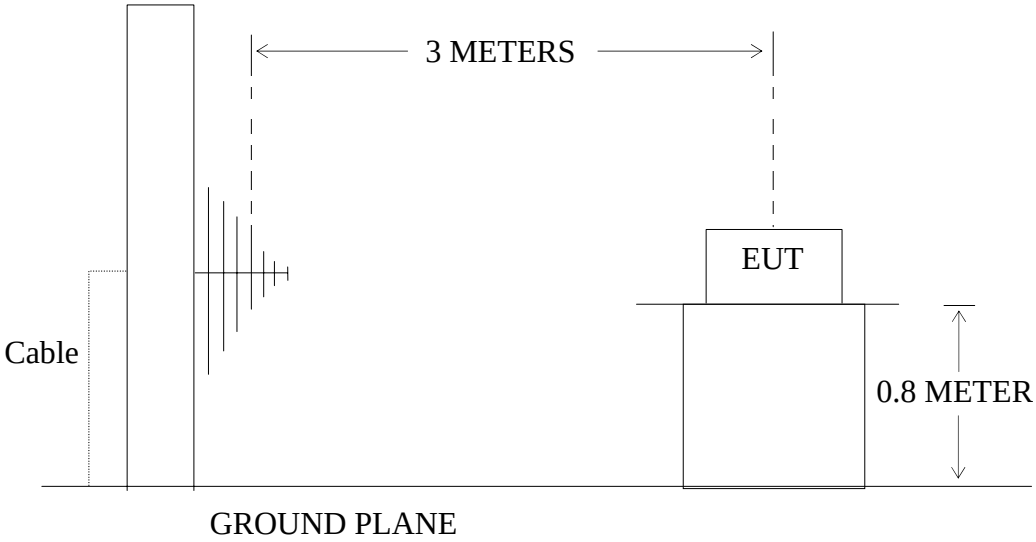
AC 120V/60Hz



(EUT: FM Stereo Transmitter)

5.1.2.Semi-Anechoic Chamber Test Setup Diagram

ANTENNA ELEVATION VARIES FROM 1 TO 4 METERS



(EUT: FM Stereo Transmitter)

5.2.The Emission Limit For Section 15.239(b)

5.2.1.The field strength of any emission within the permitted 200kHz band shall not exceed 250microvolts/meter at 3 meters. The emission limit in this paragraph is based on measurement instrumentation employing an average detector. The provisions in section 15.35 for limiting peak emissions apply.

5.3.EUT Configuration on Measurement

The following equipment are installed on the emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

5.3.1.FM Stereo Transmitter (EUT)

Model Number	**:**	FT-007
Serial Number	**:**	N/A
Manufacturer	**:**	Radiorock Technology (H.K.) Limited

5.4.Operating Condition of EUT

5.4.1.Setup the EUT and simulator as shown as Section 5.1.

5.4.2.Turn on the power of all equipment.

5.4.3. Let the EUT work in TX modes [Connect EUT use iPod playing typical audio signal with maximum audio level] measure it. The transmit frequency are 88.3-107.7MHz. We are select 88.3M, 98.0M, 107.7MHz TX frequency to transmit.

5.5.Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4: 2003 on radiated emission measurement.

The bandwidth of test receiver is set at 120kHz.

5.6.The Emission Measurement Result

PASS.

Date of Test:	November 4, 2010	Temperature:	25°C
EUT:	FM Stereo Transmitter	Humidity:	50%
Model No.:	FT-007	Power Supply:	AC 120V/60Hz
Test Mode:	TX 88.1MHz	Test Engineer:	Joe

Fundamental Radiated Emissions

Frequency (MHz)	Reading(dBμV/m)		Factor (dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin (dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
88.2860	26.92	29.37	13.76	40.68	43.13	48	68	-7.32	-24.87	Horizontal
88.2860	29.46	31.89	13.72	43.18	45.61	48	68	-4.82	-22.39	Vertical

Note:

1. Measurement was performed with modulated signal with average detector and peak detector.

2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:
   Result = Reading + Corrected Factor
   Where Corrected Factor = Antenna Factor + Cable Loss + High Pass Filter Loss – Amplifier Gain

3. The spectral diagrams in appendix I display the measurement of peak values.

Date of Test:	November 4, 2010	Temperature:	25°C
EUT:	FM Stereo Transmitter	Humidity:	50%
Model No.:	FT-007	Power Supply:	AC 120V/60Hz
Test Mode:	TX 98.0MHz	Test Engineer:	Joe

Fundamental Radiated Emissions

Frequency (MHz)	Reading(dBμV/m)		Factor (dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin (dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
97.9840	26.50	28.88	14.03	40.53	42.91	48	68	-7.47	-25.09	Horizontal
97.9840	29.54	31.99	13.93	43.47	45.92	48	68	-4.53	-22.08	Vertical

Note:

1. Measurement was performed with modulated signal with average detector and peak detector.

2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:
   Result = Reading + Corrected Factor
   Where Corrected Factor = Antenna Factor + Cable Loss + High Pass Filter Loss – Amplifier Gain

3. The spectral diagrams in appendix I display the measurement of peak values.

Date of Test:	November 4, 2010	Temperature:	25°C
EUT:	FM Stereo Transmitter	Humidity:	50%
Model No.:	FT-007	Power Supply:	AC 120V/60Hz
Test Mode:	TX 107.7MHz	Test Engineer:	Joe

Fundamental Radiated Emissions

Frequency (MHz)	Reading(dBμV/m)		Factor (dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin (dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
107.6810	28.41	30.88	13.74	42.15	44.62	48	68	-5.85	-23.38	Horizontal
107.6810	29.59	32.02	14.21	43.80	46.23	48	68	-4.20	-21.77	Vertical

Note:

1. Measurement was performed with modulated signal with average detector and peak detector.

2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:
   Result = Reading + Corrected Factor
   Where Corrected Factor = Antenna Factor + Cable Loss + High Pass Filter Loss – Amplifier Gain

3. The spectral diagrams in appendix I display the measurement of peak values.

6. OCCUPIED BANDWIDTH FOR FCC PART 15 SECTION 15.239(A)

6.1. The Requirement For Section 15.239(a)

6.1.1. Emission from the device shall be confined within a band 200kHz wide centered on the operating frequency. The 200kHz band shall lie wholly within the frequency range of 88-108MHz.

6.2. EUT Configuration on Measurement

The following equipment are installed on the emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

6.2.1. FM Stereo Transmitter (EUT)

Model Number	**:**	FT-007
Serial Number	**:**	N/A
Manufacturer	**:**	Radiorock Technology (H.K.) Limited

6.3. Operating Condition of EUT

6.3.1. Setup the EUT and simulator as shown as Section 5.1.

6.3.2. Turn on the power of all equipment.

6.3.3. Let the EUT work in TX modes [Connect EUT use iPod playing typical audio signal with maximum audio level] measure it. The transmit frequency are 88.3-107.7MHz. We are select 88.3M, 98.0M, 107.7MHz TX frequency to transmit.

6.4. Test Procedure

6.4.1. The EUT was placed on a turn table which is 0.8m above ground plane.

6.4.2. Set EUT as normal operation. Playing typical audio signal (the volume control was set to maximum.)

6.4.3. Set EMI test receiver Center Frequency = fundamental frequency, RBW= 3kHz, VBW= 10kHz, Span=500kHz.

6.4.4. Set EMI test receiver Max hold. Mark peak, -26dB.

6.5. Test Result

The EUT does meet the FCC requirement.

FM Stereo Transmitter

FM 88.3MHz
-26dB bandwidth = 176.0kHz

FM 98.0MHz
-26dB bandwidth = 175.0kHz

FM 107.7MHz
-26dB bandwidth = 175.0kHz

The spectral diagrams are attached in appendix I

7. TUNING RANGE

7.1. The Requirement For Section 15.239

88-108MHz

7.2. EUT Configuration on Measurement

The following equipment are installed on the emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

7.2.1. FM Stereo Transmitter (EUT)

Model Number	**:**	FT-007
Serial Number	**:**	N/A
Manufacturer	**:**	Radiorock Technology (H.K.) Limited

7.3. Operating Condition of EUT

7.3.1. Setup the EUT and simulator as shown as Section 5.1.

7.3.2. Turn on the power of all equipment.

7.3.3. Let the EUT work in TX modes [Connect EUT use iPod playing typical audio signal with maximum audio level] measure it. The transmit frequency are 88.3-107.7MHz. We are select 88.3M, 98.0M, 107.7MHz TX frequency to transmit.

7.4. Test Procedure

7.4.1. The EUT was placed on a turn table which is 0.8m above ground plane.

7.4.2. Set the EUT working on the working frequency.

7.4.3. Set EMI test receiver center frequency = working frequency, RBW=3kHz, VBW= 10kHz, Span=500kHz.

7.4.4. Measuring the working frequency.

7.4.5. The working frequency should be inside 88-108MHz.

7.5. Test Result

The EUT does meet the FCC requirement.

FM Stereo Transmitter

Low Frequency = 88.286MHz	EUT LED display 88.3MHz
Mid Frequency = 97.984MHz	EUT LED display 98.0MHz
High Frequency = 107.681MHz	EUT LED display 107.7MHz

The working frequency rang is from 88.3 to 107.7MHz.

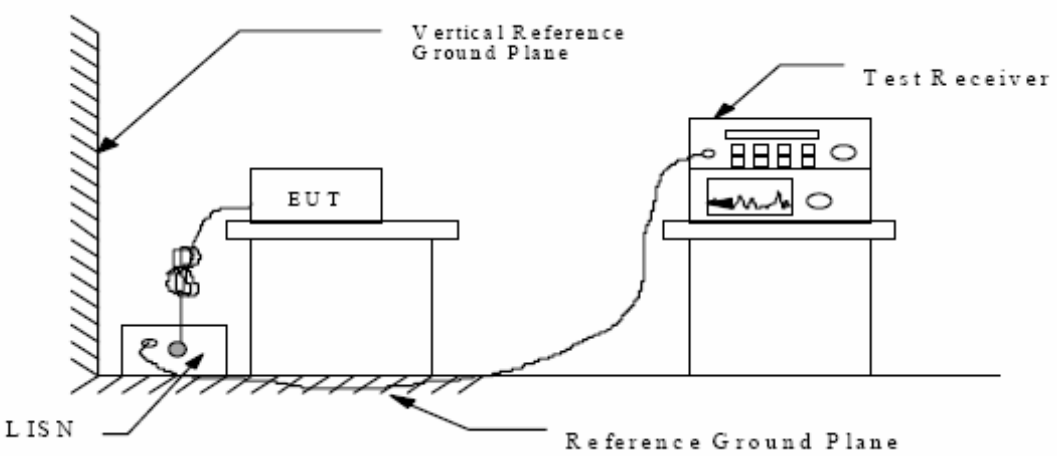
8. AC POWER LINE CONDUCTED EMISSION FOR FCC PART 15 SECTION 15.207(A)

8.1.Block Diagram of Test Setup

8.1.1.Block diagram of connection between the EUT and simulators

(EUT: FM Stereo Transmitter)

8.1.2.Shielding Room Test Setup Diagram



(EUT: FM Stereo Transmitter)

8.2.The Emission Limit

8.2.1.Conducted Emission Measurement Limits According to Section 15.207(a)

Frequency (MHz)	Limit dB(μV)	
	Quasi-peak Level	Average Level
0.15 - 0.50	66.0 – 56.0 *	56.0 – 46.0 *
0.50 - 5.00	56.0	46.0
5.00 - 30.00	60.0	50.0

* Decreases with the logarithm of the frequency.

8.3. Configuration of EUT on Measurement

The following equipment are installed on the Conducted Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

8.3.1. FM Stereo Transmitter (EUT)

Model Number	**:**	FT-007
Serial Number	**:**	N/A
Manufacturer	**:**	Radiorock Technology (H.K.) Limited

8.4. Operating Condition of EUT

8.4.1. Setup the EUT and simulator as shown as Section 8.1.

8.4.2. Turn on the power of all equipment.

8.4.3. Let the EUT work in TX (Channel Middle 98.0MHz) mode measure it.

8.5. Test Procedure

The EUT is put on the plane 0.8m high above the ground by insulating support and is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC lines are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.4: 2003 on Conducted Emission Measurement.

The bandwidth of test receiver (R & S ESCS30) is set at 9kHz.

The frequency range from 150kHz to 30MHz is checked.

8.6. Power Line Conducted Emission Measurement Results

PASS.

The frequency range from 150kHz to 30MHz is checked.

Date of Test:	November 5, 2010	Temperature:	25°C
EUT:	FM Stereo Transmitter	Humidity:	50%
Model No.:	FT-007	Power Supply:	AC 120V/60Hz
Test Mode:	TX 98.0MHz	Test Engineer:	Joe

Frequency (MHz)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Line
*					Neutral
*					Live

* Remark: The spurious emission from the EUT is far below the limit.

Emissions attenuated more than 20 dB below the permissible value are not reported.
The spectral diagrams are attached in appendix I

APPENDIX I
(Test Curves)

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
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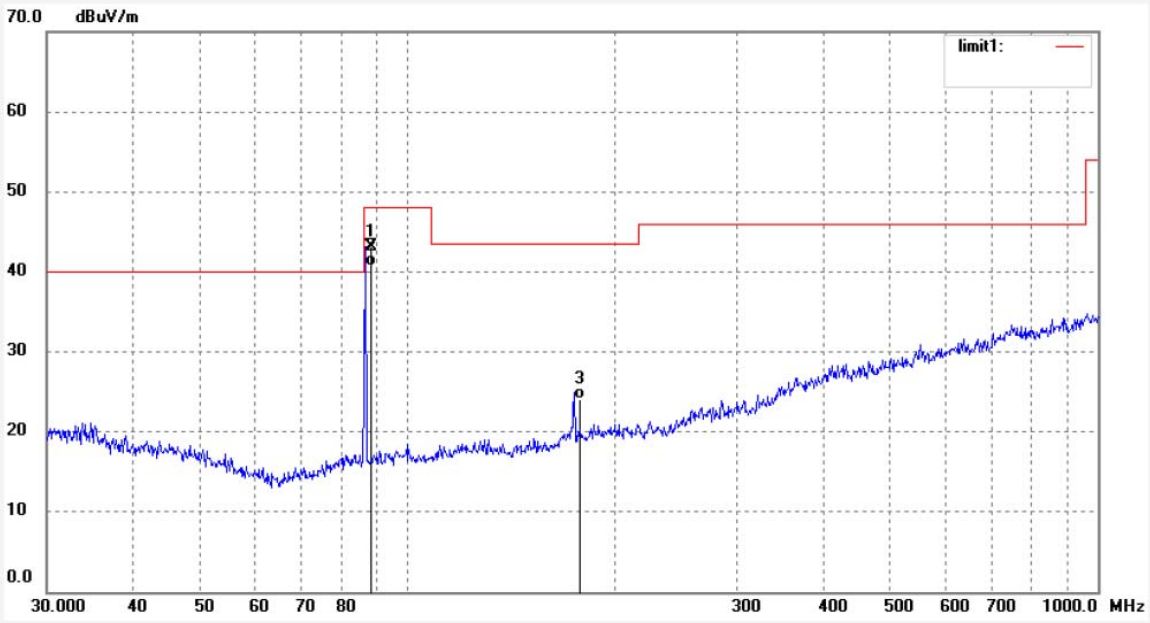
Job No.: joe #1053	Polarization: Horizontal
Standard: FCC PART 15 (FMT)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2010/11/04
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:49:48
EUT: FM Stereo Transmitter	Engineer Signature: Joe
Mode: TX 88.3MHz	Distance: 3m
Model: FT-007	
Manufacturer: Radiorock Technology (H.K.) Limited	

Note: Sample No.:102569 Report No.:ATE20102291



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	88.2860	29.37	13.76	43.13	68.00	-24.87	peak			
2	88.2860	26.92	13.76	40.68	48.00	-7.32	AVG			
3	176.5780	8.25	15.76	24.01	43.50	-19.49	QP			

ACCURATE TECHNOLOGY CO., LTD.
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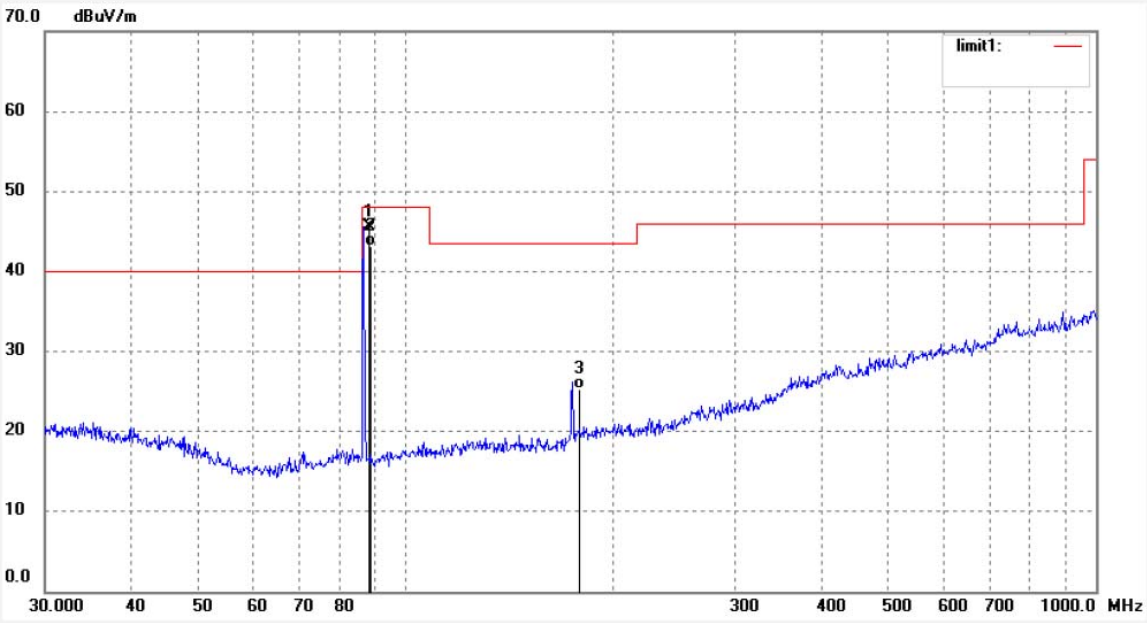
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: joe #1054	Polarization: Vertical
Standard: FCC PART 15 (FMT)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2010/11/04
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:53:41
EUT: FM Stereo Transmitter	Engineer Signature: Joe
Mode: TX 88.3MHz	Distance: 3m
Model: FT-007	
Manufacturer: Radiorock Technology (H.K.) Limited	

Note: Sample No.:102569 Report No.:ATE20102291



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	88.2860	31.89	13.72	45.61	68.00	-22.39	peak			
2	88.2860	29.46	13.72	43.18	48.00	-4.82	AVG			
3	176.5780	9.49	15.76	25.25	43.50	-18.25	QP			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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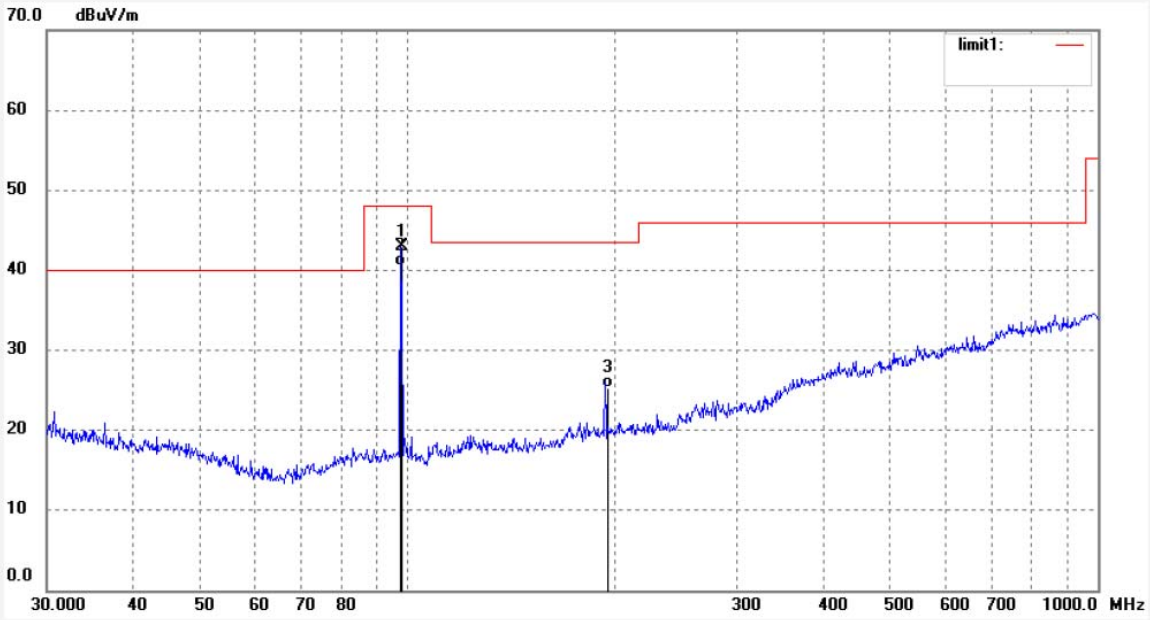
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: joe #1056	Polarization: Horizontal
Standard: FCC PART 15 (FMT)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2010/11/04
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 11:02:51
EUT: FM Stereo Transmitter	Engineer Signature: Joe
Mode: TX 98.0MHz	Distance: 3m
Model: FT-007	
Manufacturer: Radiorock Technology (H.K.) Limited	

Note: Sample No.:102569 Report No.:ATE20102291



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	97.9840	28.88	14.03	42.91	68.00	-25.09	peak			
2	97.9840	26.50	14.03	40.53	48.00	-7.47	AVG			
3	195.9760	9.19	16.03	25.22	43.50	-18.28	QP			

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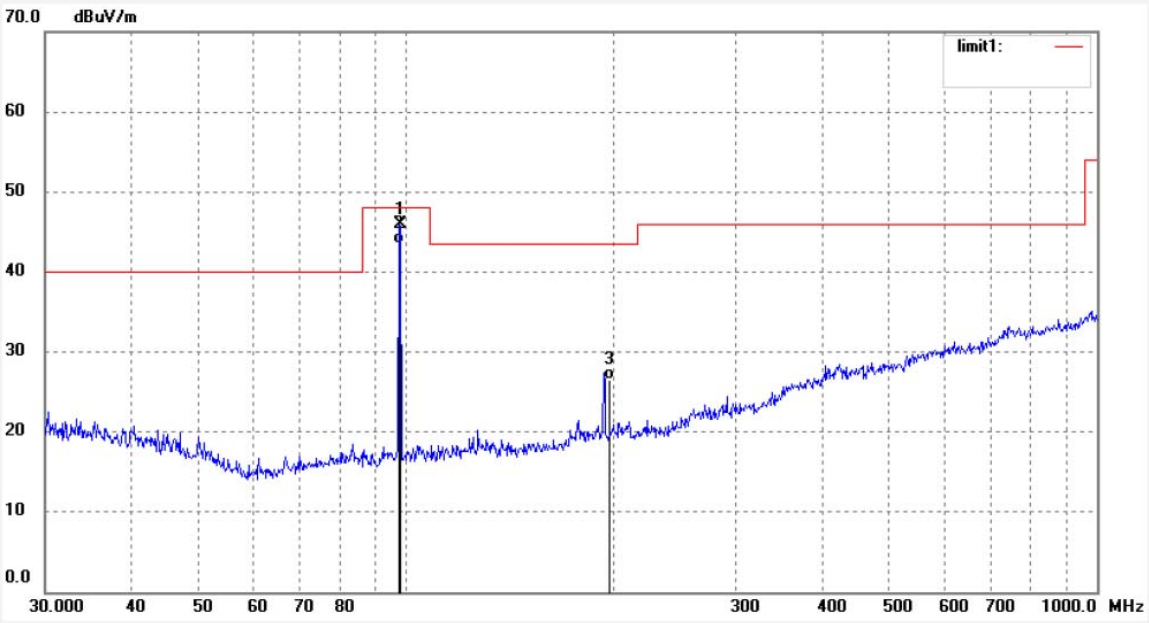
Job No.: joe #1055	Polarization: Vertical
Standard: FCC PART 15 (FMT)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2010/11/04
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:58:50
EUT: FM Stereo Transmitter	Engineer Signature: Joe
Mode: TX 98.0MHz	Distance: 3m
Model: FT-007	
Manufacturer: Radiorock Technology (H.K.) Limited	

Note: Sample No.:102569 Report No.:ATE20102291



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	97.9840	31.99	13.93	45.92	68.00	-22.08	peak			
2	97.9840	29.54	13.93	43.47	48.00	-4.53	AVG			
3	195.9760	10.30	16.15	26.45	43.50	-17.05	QP			

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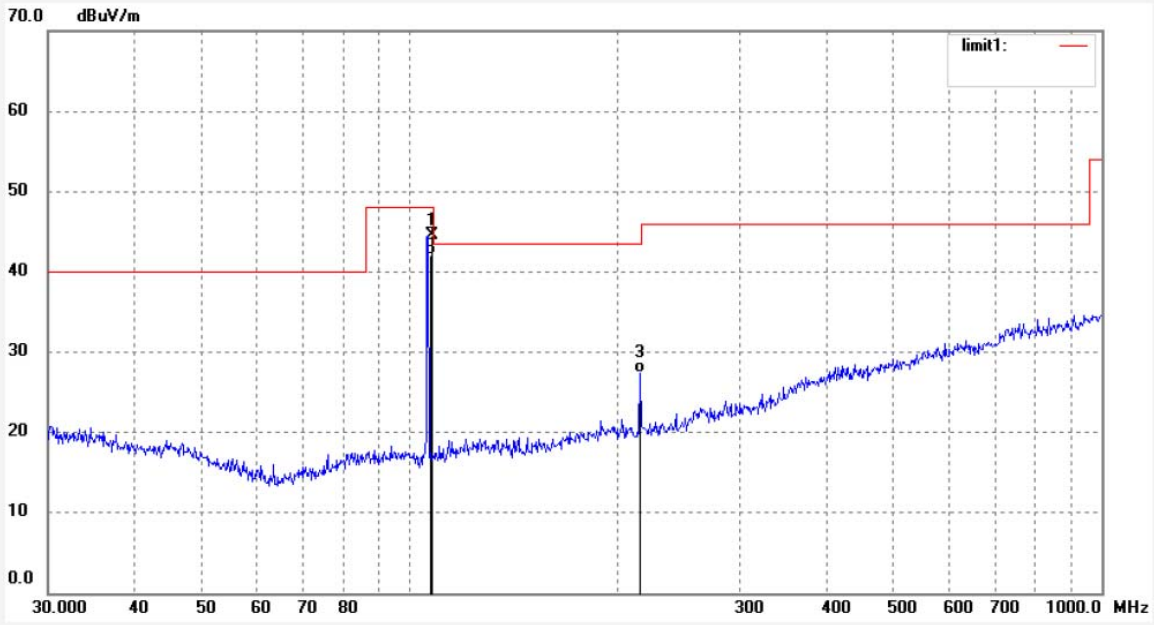
Job No.: joe #1057	Polarization: Horizontal
Standard: FCC PART 15 (FMT)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2010/11/04
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 11:08:15
EUT: FM Stereo Transmitter	Engineer Signature: Joe
Mode: TX 107.7MHz	Distance: 3m
Model: FT-007	
Manufacturer: Radiorock Technology (H.K.) Limited	

Note: Sample No.:102569 Report No.:ATE20102291



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	107.6810	30.88	13.74	44.62	68.00	-23.38	peak			
2	107.6810	28.41	13.74	42.15	48.00	-5.85	AVG			
3	215.3720	10.89	16.55	27.44	43.50	-16.06	QP			

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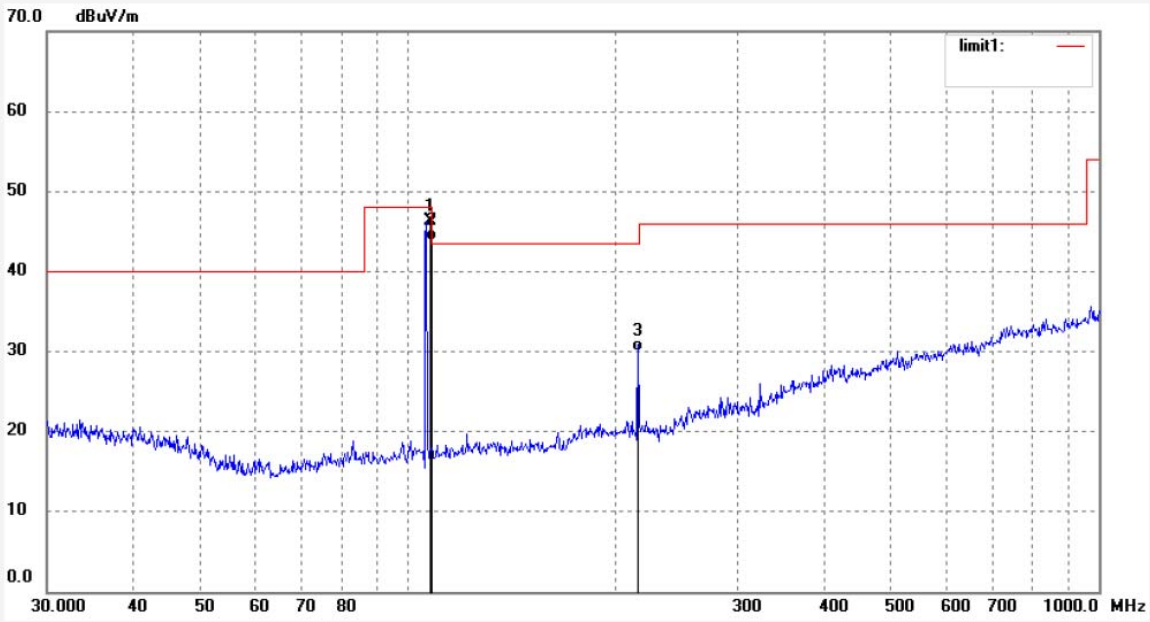
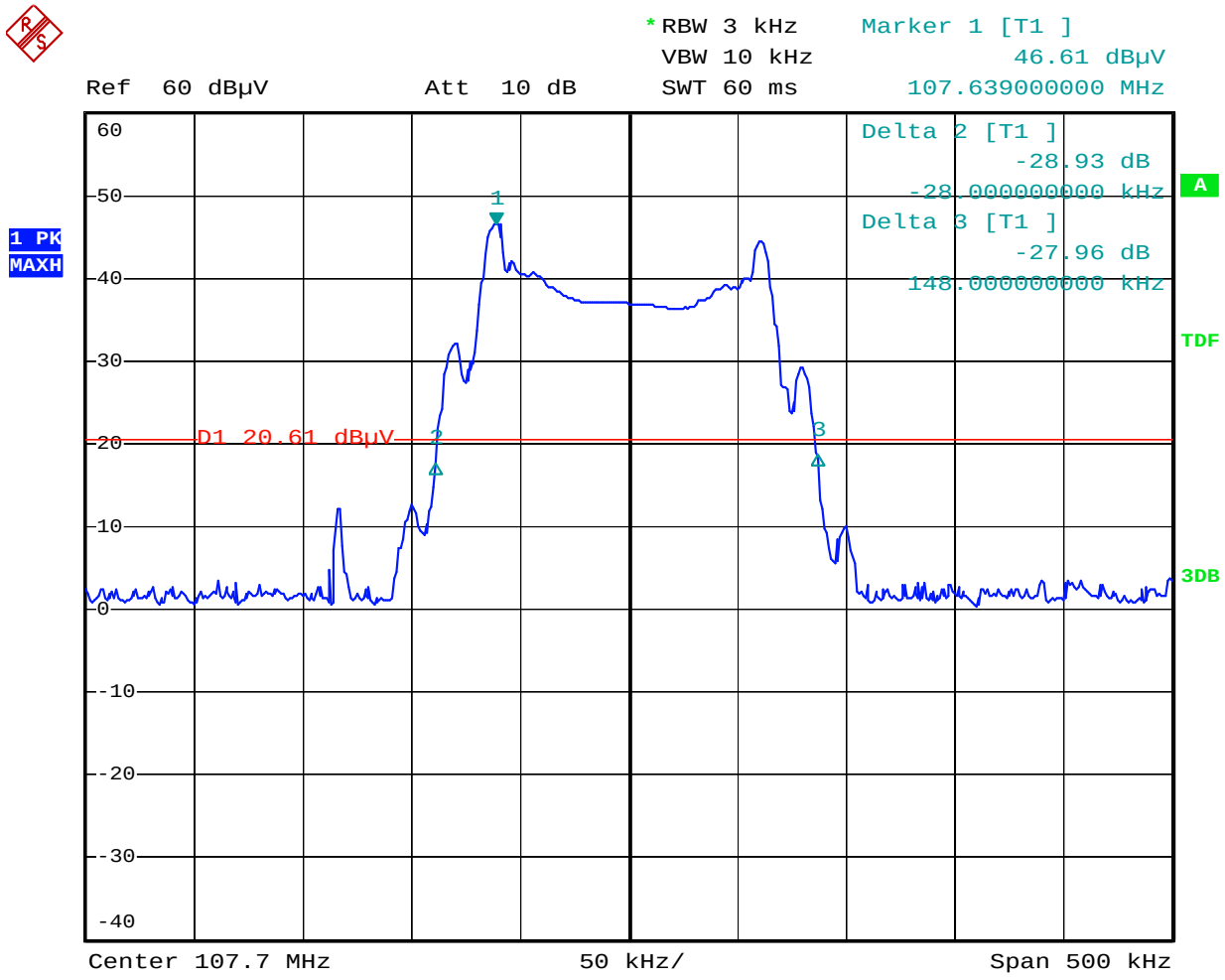
Job No.: joe #1058	Polarization: Vertical
Standard: FCC PART 15 (FMT)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2010/11/04
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 11:12:12
EUT: FM Stereo Transmitter	Engineer Signature: Joe
Mode: TX 107.7MHz	Distance: 3m
Model: FT-007	
Manufacturer: Radiorock Technology (H.K.) Limited	

Note: Sample No.:102569 Report No.:ATE20102291



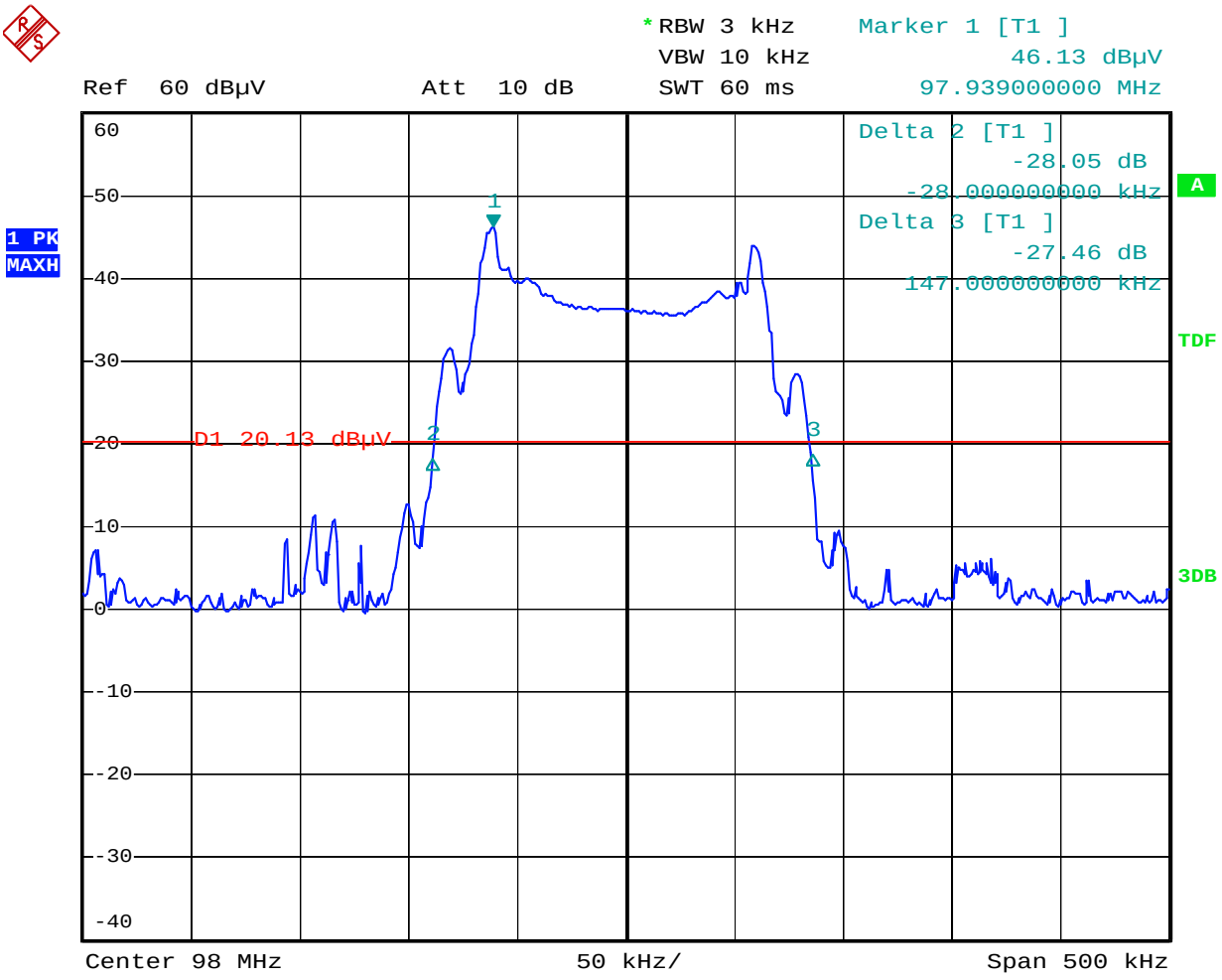
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	107.6810	32.02	14.21	46.23	68.00	-21.77	peak			
2	107.6810	29.59	14.21	43.80	48.00	-4.20	AVG			
3	215.3720	13.40	16.55	29.95	43.50	-13.55	QP			

TX 88.3MHz



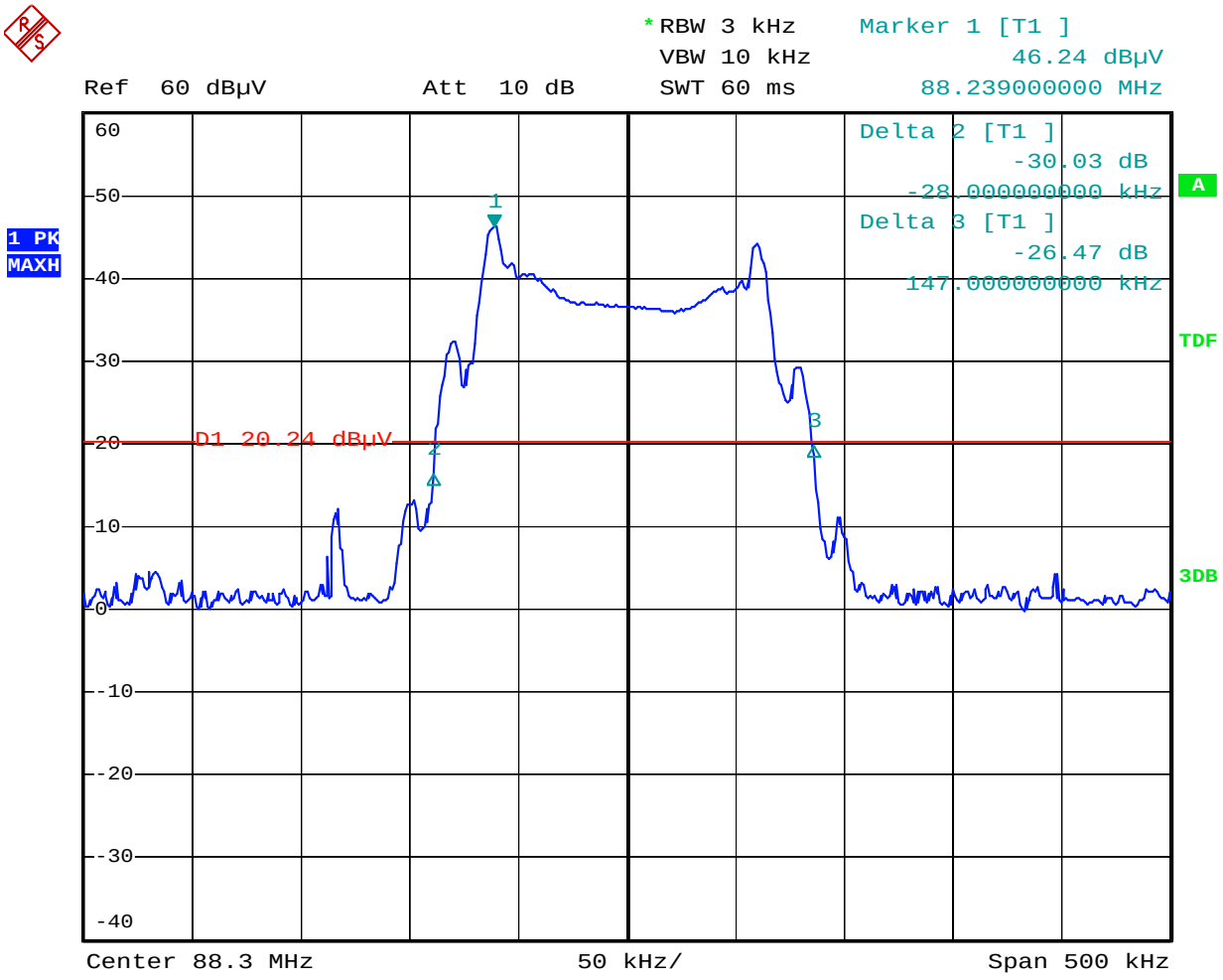
Date: 3.NOV.2010 16:54:35

TX 98.0MHz



Date: 3.NOV.2010 17:00:16

TX 107.7MHz



Date: 3.NOV.2010 17:04:28

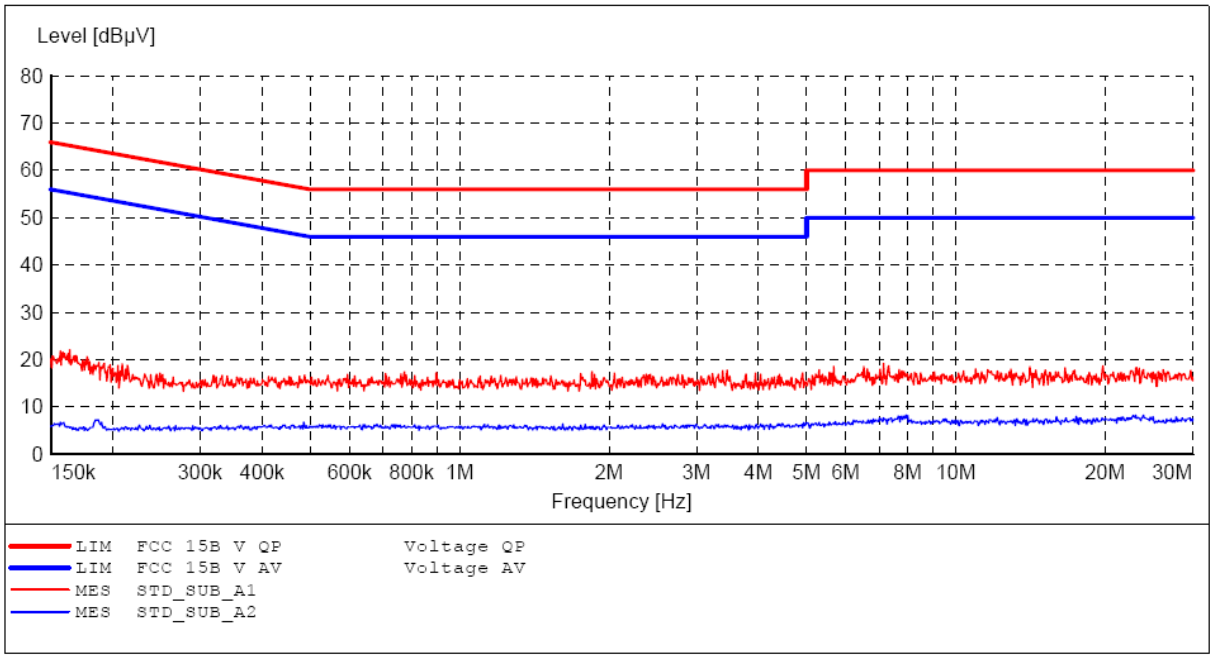
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

```
EUT:                    FM Stereo Transmitter  M/N:FT-007
Manufacturer:           Radiorock Technology (H.K.) Limited
Operating Condition:    TX 98.0MHz
Test Site:              1#Shielding Room
Operator:               Joe
Test Specification:     N 120V/60Hz
Comment:                Sample No.:102569   Report No.:ATE20102291
Start of Test:          11/5/2010 / 9:21:02AM
```

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

```
  Short Description:                _SUB_STD_VTERM2 1.70
  Start       Stop        Step      Detector  Meas.     IF       Transducer
  Frequency   Frequency   Width               Time      Bandw.
  150.0 kHz   30.0 MHz    0.8 %     QuasiPeak 1.0 s     9 kHz    NSLK8126 2008
                                    Average
```



ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

```
EUT:                  FM Stereo Transmitter  M/N:FT-007
Manufacturer:         Radiorock Technology (H.K.) Limited
Operating Condition:  TX 98.0MHz
Test Site:            1#Shielding Room
Operator:             Joe
Test Specification:   L 120V/60Hz
Comment:              Sample No.:102569   Report No.:ATE20102291
Start of Test:        11/5/2010 / 9:29:32AM
```

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

```
Short Description:              _SUB_STD_VTERM2 1.70
Start      Stop       Step      Detector  Meas.    IF      Transducer
Frequency  Frequency  Width               Time     Bandw.
150.0 kHz  30.0 MHz   0.8 %     QuasiPeak 1.0 s    9 kHz   NSLK8126 2008
                                Average
```