FCC CERTIFICATION
On Behalf of
Lightcomm Technology Co., Ltd.

Roof Mount monitor with DVD
Model No.: F101-J, AVXMTG10UA, F902-J, AVXMTG9A B/P/S, F1203-J, AVXMTG12U, AVXMTG12UA

FCC ID: XMF-F101-J1

Prepared for	:	Lightcomm Technology Co., Ltd.
Address	:	Rooms M207-8, Haleson Building, 1 Jubilee Street Central, Hong Kong
Prepared by	:	Accurate Technology Co., Ltd.
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Report Number	:	ATE20120578
Date of Test	:	April 5-11, 2012
Date of Report	:	April 11, 2012

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Description Page

Test Report Certification

Applicant	:	Lightcomm Technology Co., Ltd.
Manufacturer	:	Huizhou Hengdu Electronics Co., Ltd.
EUT Description	:	Roof Mount monitor with DVD

(A) MODEL NO.: F101-J, AVXMTG10UA, F902-J, AVXMTG9A B/P/S, F1203-J, AVXMTG12U, AVXMTG12UA

(B) SERIAL NO.: N/A

(C) POWER SUPPLY: DC 12V

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 : April 5-11, 2012

Prepared by : Apple Lv

(Engineer)

Approved & Authorized Signer :

(Manager)

1. GENERAL INFORMATION

1.1.Description of Device (EUT)

EUT	:	Roof Mount monitor with DVD
Model Number	:	F101-J, AVXMTG10UA, F902-J, AVXMTG9A B/P/S, F1203-J, AVXMTG12U, AVXMTG12UA (Note: These samples are identical except the appearance is different. Therefore only model F101-J is tested.)
Power Supply	:	DC 12V
Operate Frequency	:	88.1-91.1MHz (step 0.2MHz)
Applicant	:	Lightcomm Technology Co., Ltd.
Address	:	Rooms M207-8, Haleson Building, 1 Jubilee Street, Central Hong Kong
Manufacturer	:	Huizhou Hengdu Electronics Co., Ltd.
Address	:	DIP South Area, Huiao Highway, Huizhou, Guangdong China
Date of sample received	:	April 5, 2012
Date of Test	:	April 5-11, 2012

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. 7, 2013
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	Jan. 7, 2013
Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 7, 2013
Pre-Amplifier	Rohde&Schwarz	CBLU1183540-01	3791	Jan. 7, 2013
Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan. 7, 2013
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan. 7, 2013
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan. 7, 2013
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	Jan. 7, 2013
LISN	Rohde&Schwarz	ESH3-Z5	100305	Jan. 7, 2013
LISN	Schwarzbeck	NSLK8126	8126431	Jan. 7, 2013

3. SUMMARY OF TEST RESULTS

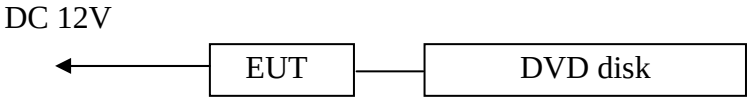
FCC Rules	Description of Test	Result
Section 15.207	Conducted Emission	N/A
Section 15.239(c) Section 15.209	Harmonics and Spurious Radiated Emission	Compliant
Section 15.239(b)	Fundamental Radiated Emission	Compliant
Section 15.239(a)	Occupied Bandwidth	Compliant
Section 15.239	Tuning Range	Compliant
Section 15.203	Antenna Requirement	Compliant

Remark: “N/A” means “Not applicable”.

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

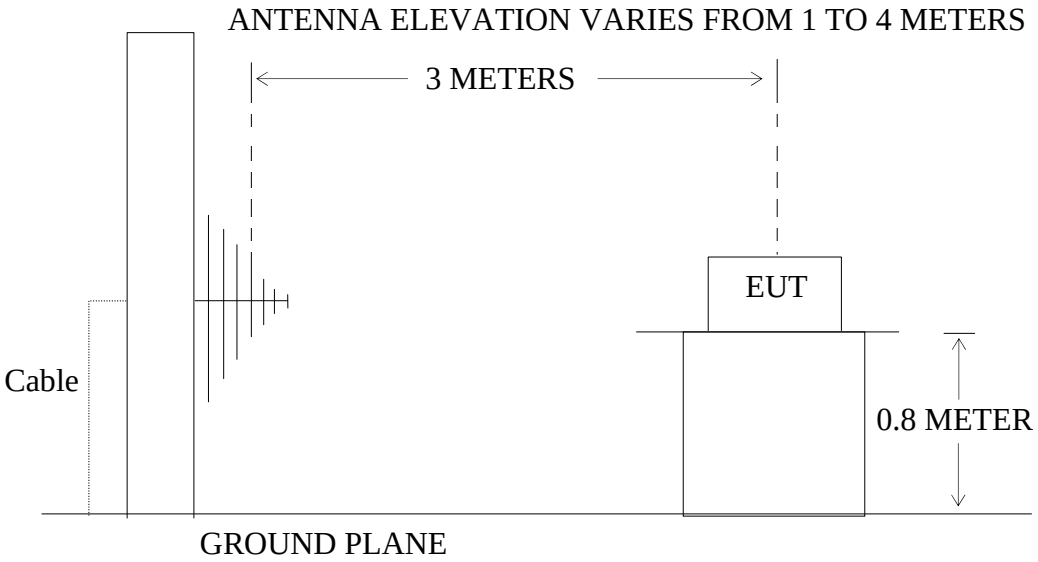
4.1.Block Diagram of Test Setup

4.1.1.Block diagram of connection between the EUT and simulators



(EUT: Roof Mount monitor with DVD)

4.1.2.Semi-Anechoic Chamber Test Setup Diagram



(EUT: Roof Mount monitor with DVD)

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.Roof Mount monitor with DVD (EUT)

Model Number : F101-J
Serial Number : N/A
Manufacturer : Huizhou Hengdu Electronics Co., Ltd.

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 DVD playing typical audio signal with maximum audio level] measure it. The transmit frequency are 88.1-91.1MHz. We are select 88.1M, 89.7M, 91.1MHz 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:	April 6, 2012	Temperature:	25°C
EUT:	Roof Mount monitor with DVD	Humidity:	50%
Model No.:	F101-J	Power Supply:	DC 12V
Test Mode:	TX 88.1MHz with DVD	Test Engineer:	Bob

Polarization	Frequency (MHz)	Reading(dBμV/m) QP	Factor Corr.(dB)	Result(dBμV/m) QP	Limits(dBμV/m) QP	Margin(dB) QP
Horizontal	260.3566	24.21	18.60	42.81	46.00	-3.19
Horizontal	379.1779	21.66	21.54	43.20	46.00	-2.80
Horizontal	635.5575	17.59	26.07	43.66	46.00	-2.34
Vertical	260.3566	23.78	18.60	42.38	46.00	-3.62
Vertical	437.9316	20.15	22.89	43.04	46.00	-2.96
Vertical	723.7930	15.26	27.29	42.55	46.00	-3.45

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:	April 6, 2012	Temperature:	25°C
EUT:	Roof Mount monitor with DVD	Humidity:	50%
Model No.:	F101-J	Power Supply:	DC 12V
Test Mode:	TX 89.7MHz with DVD	Test Engineer:	Bob

Polarization	Frequency (MHz)	Reading(dBμV/m) QP	Factor Corr.(dB)	Result(dBμV/m) QP	Limits(dBμV/m) QP	Margin(dB) QP
Horizontal	264.9708	23.56	18.67	42.23	46.00	-3.77
Horizontal	353.4471	22.54	21.01	43.55	46.00	-2.45
Horizontal	447.2619	20.38	22.92	43.30	46.00	-2.70
Vertical	162.5900	25.49	14.63	40.12	43.50	-3.38
Vertical	264.9708	24.37	18.67	43.04	46.00	-2.96
Vertical	491.7699	18.14	23.94	42.08	46.00	-3.92

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:	April 6, 2012	Temperature:	25°C
EUT:	Roof Mount monitor with DVD	Humidity:	50%
Model No.:	F101-J	Power Supply:	DC 12V
Test Mode:	TX 91.1MHz with DVD	Test Engineer:	Bob

Polarization	Frequency (MHz)	Reading(dBμV/m) QP	Factor Corr.(dB)	Result(dBμV/m) QP	Limits(dBμV/m) QP	Margin(dB) QP
Horizontal	268.7212	24.81	18.32	43.13	46.00	-2.87
Horizontal	379.1779	21.62	21.54	43.16	46.00	-2.84
Horizontal	455.1888	20.21	23.10	43.31	46.00	-2.69
Vertical	178.7697	24.53	15.77	40.30	43.50	-3.20
Vertical	269.6669	23.76	18.22	41.98	46.00	-4.02
Vertical	455.1888	19.16	23.10	42.26	46.00	-3.74

Note:

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

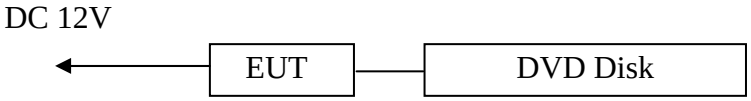
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:
   Result = Reading + Corrected Factor
   Where Corrected Factor = Antenna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

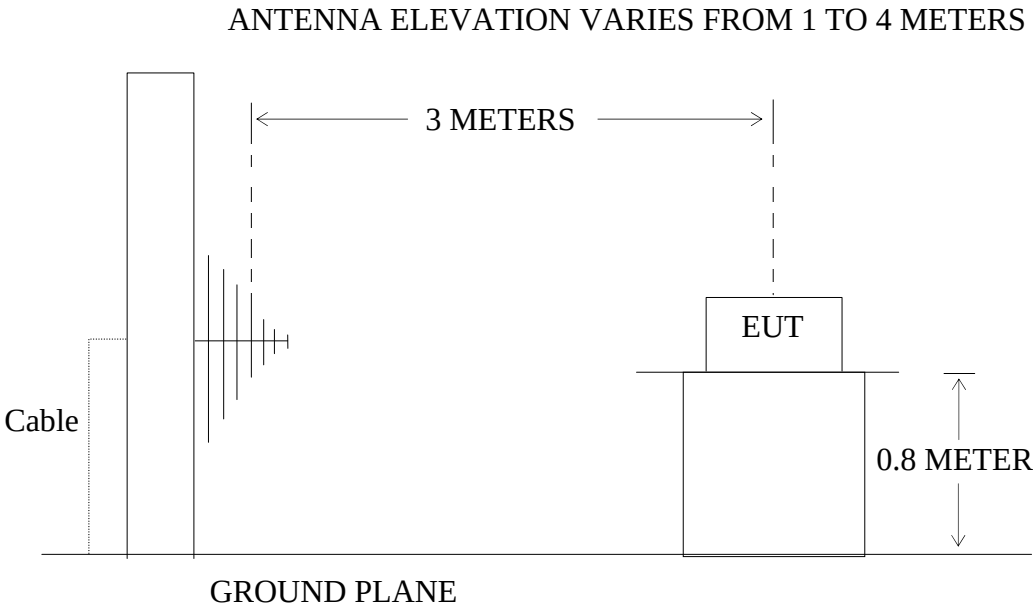
5.1.Block Diagram of Test Setup

5.1.1.Block diagram of connection between the EUT and simulators



(EUT: Roof Mount monitor with DVD)

5.1.2.Semi-Anechoic Chamber Test Setup Diagram



(EUT: Roof Mount monitor with DVD)

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.Roof Mount monitor with DVD (EUT)

Model Number	**:**	F101-J
Serial Number	**:**	N/A
Manufacturer	**:**	Huizhou Hengdu Electronics Co., Ltd.

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 DVD playing typical audio signal with maximum audio level] measure it. The transmit frequency are 88.1-91.1MHz. We are select 88.1M, 89.7M, 91.1MHz 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:	April 6, 2012	Temperature:	25°C
EUT:	Roof Mount monitor with DVD	Humidity:	50%
Model No.:	F101-J	Power Supply:	DC 12V
Test Mode:	TX 88.1MHz with DVD	Test Engineer:	Bob

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	
88.1000	24.15	33.45	13.75	37.90	47.20	48	68	-10.10	-20.80	Horizontal
88.1000	24.97	33.45	13.74	38.71	47.19	48	68	-9.29	-20.81	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:	April 6, 2012	Temperature:	25°C
EUT:	Roof Mount monitor with DVD	Humidity:	50%
Model No.:	F101-J	Power Supply:	DC 12V
Test Mode:	TX 89.7MHz with DVD	Test Engineer:	Bob

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	
89.7000	24.44	33.02	13.85	38.29	46.87	48	68	-9.71	-21.13	Horizontal
89.7000	23.67	32.62	13.85	37.52	46.27	48	68	-10.68	-21.73	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:	April 6, 2012	Temperature:	25°C
EUT:	Roof Mount monitor with DVD	Humidity:	50%
Model No.:	F101-J	Power Supply:	DC 12V
Test Mode:	TX 91.1MHz with DVD	Test Engineer:	Bob

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	
91.1000	22.94	31.93	13.91	36.85	45.84	48	68	-11.15	-22.16	Horizontal
91.1000	24.56	32.82	13.91	38.23	46.49	48	68	-9.77	-21.51	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. Roof Mount monitor with DVD (EUT)

Model Number	**:**	F101-J
Serial Number	**:**	N/A
Manufacturer	**:**	Huizhou Hengdu Electronics Co., Ltd.

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 DVD playing typical audio signal with maximum audio level] measure it. The transmit frequency are 88.1-91.1MHz. We are select 88.1M, 89.7M, 91.1MHz 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=300kHz.

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

6.5. Test Result

The EUT does meet the FCC requirement.

FM Transmitter with DVD

FM 88.1MHz
-26dB bandwidth = 82.2kHz

FM 89.7MHz
-26dB bandwidth = 82.8kHz

FM 91.1MHz
-26dB bandwidth = 82.8kHz

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. Roof Mount monitor with DVD (EUT)

Model Number	:	F101-J
Serial Number	:	N/A
Manufacturer	:	Huizhou Hengdu Electronics Co., Ltd.

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 DVD playing typical audio signal with maximum audio level] measure it. The transmit frequency are 88.1-91.1MHz. We are select 88.1M, 89.7M, 91.1MHz 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=300kHz.

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 Transmitter with DVD

Low Frequency = 88.1180MHz	EUT LED display 88.1MHz
Mid Frequency = 89.7120MHz	EUT LED display 89.7MHz
High Frequency = 91.1130MHz	EUT LED display 91.1MHz

The working frequency rang is from 88.1 to 91.1MHz.

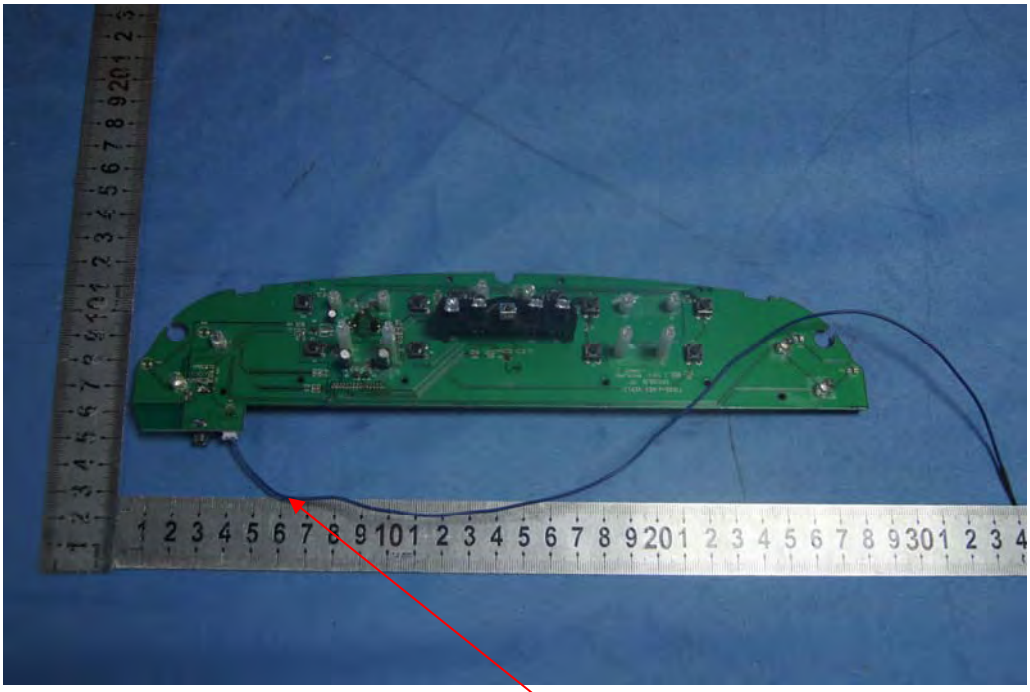
8. ANTENNA REQUIREMENT

8.1. The Requirement

According to Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

8.2. Antenna Construction

Device is equipped with unique antenna, which isn't displaced by other antenna. Therefore, the equipment complies with the antenna requirement of Section 15.203.



Antenna

APPENDIX I
(Test Curves)

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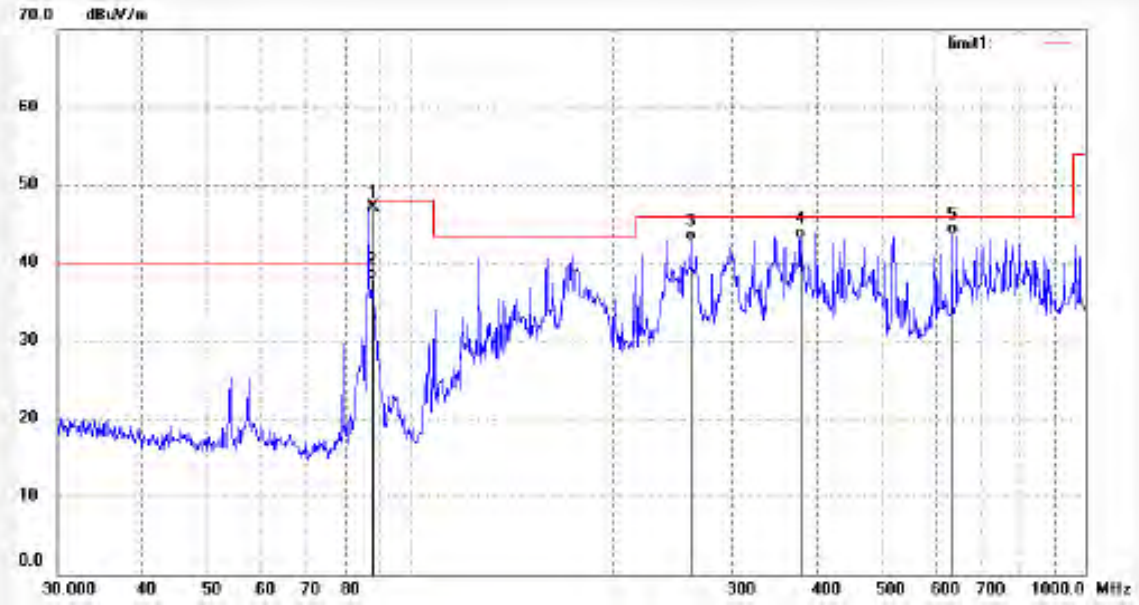
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Bob #1414	Polarization: Horizontal
Standard: FCC PART 15 (FMT)	Power Source: DC 12V
Test item: Radiation Test	Date: 12/04/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10/53/25
EUT: Roof mount monitor with DVD	Engineer Signature:
Mode: TX 88.1MHz with DVD	Distance: 3m
Model: F101-J	
Manufacturer: Hengdu	

Note: Report NO.:ATE20120578



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	88.1000	33.45	13.75	47.20	68.00	-20.80	peak			
2	88.1000	24.15	13.75	37.90	48.00	-10.10	AVG			
3	260.3566	24.21	18.60	42.81	46.00	-3.19	QP			
4	379.1779	21.66	21.54	43.20	46.00	-2.80	QP			
5	635.5575	17.59	26.07	43.66	46.00	-2.34	QP			

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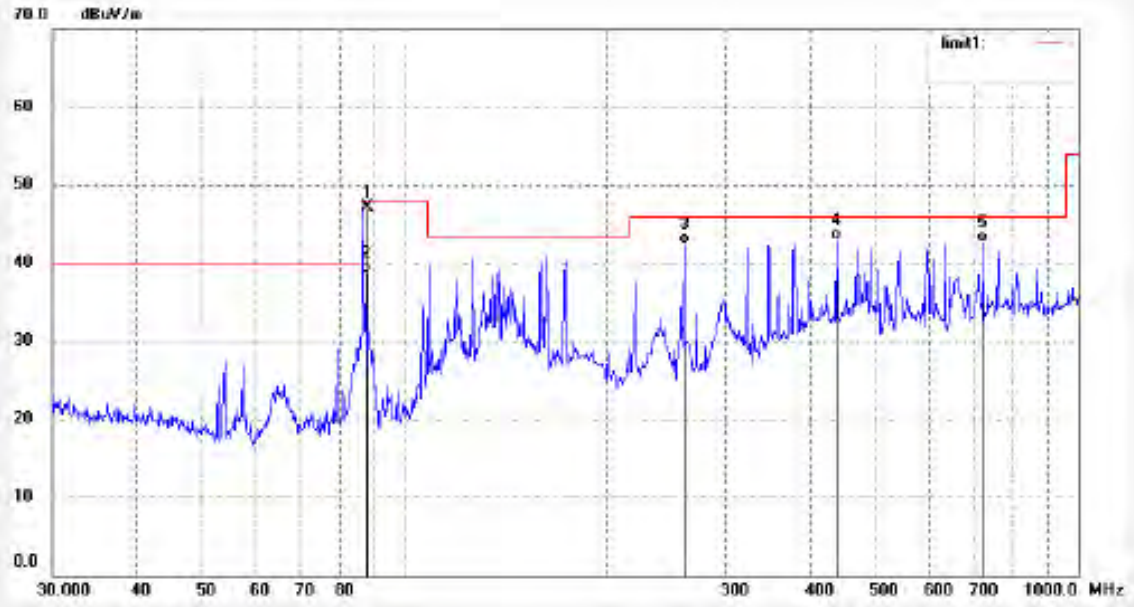
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Bob #1412	Polarization: Vertical
Standard: FCC PART 15 (FMT)	Power Source: DC 12V
Test item: Radiation Test	Date: 12/04/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10/49/27
EUT: Roof mount monitor with DVD	Engineer Signature:
Mode: TX 88.1MHz with DVD	Distance: 3m
Model: F101-J	
Manufacturer: Hengdu	

Note: Report NO.:ATE20120578



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	88.1000	33.45	13.74	47.19	68.00	-20.81	peak			
2	88.1000	24.97	13.74	38.71	48.00	-9.29	AVG			
3	260.3566	23.78	18.60	42.38	46.00	-3.62	QP			
4	437.9316	20.15	22.89	43.04	46.00	-2.96	QP			
5	723.7930	15.26	27.29	42.55	46.00	-3.45	QP			

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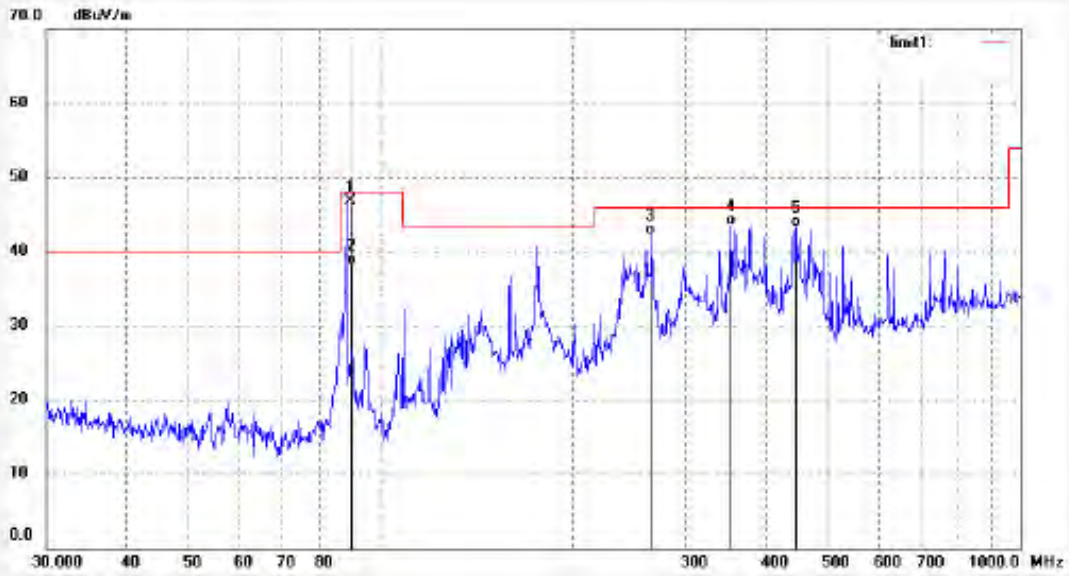
Fax:+86-0755-26503396

Job No.: Bob #1423	Polarization: Horizontal
Standard: FCC PART 15 (FMT)	Power Source: DC 12V
Test item: Radiation Test	Date: 12/04/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 11/32/44
EUT: Roof mount monitor with DVD	Engineer Signature:
Mode: TX 89.7MHz with DVD	Distance: 3m
Model: F101-J	
Manufacturer: Hengdu	

Note: Report NO.:ATE20120578



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	89.7000	33.02	13.85	46.87	68.00	-21.13	peak			
2	89.7000	24.44	13.85	38.29	48.00	-9.71	AVG			
3	264.9708	23.56	18.67	42.23	46.00	-3.77	QP			
4	353.4471	22.54	21.01	43.55	46.00	-2.45	QP			
5	447.2619	20.38	22.92	43.30	46.00	-2.70	QP			

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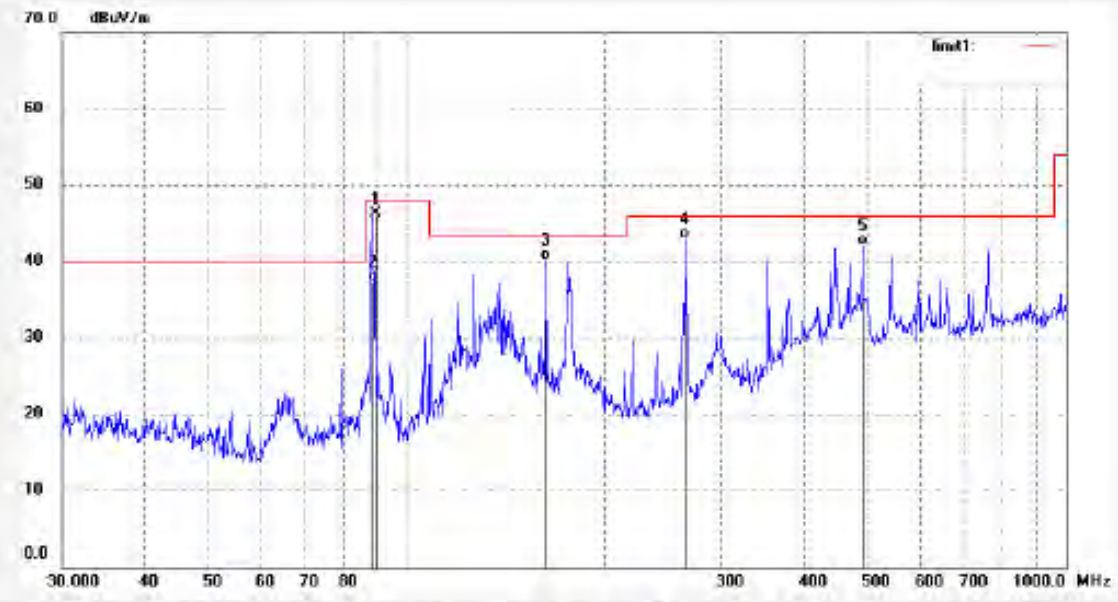
Fax:+86-0755-26503396

Job No.: Bob #1424	Polarization: Vertical
Standard: FCC PART 15 (FMT)	Power Source: DC 12V
Test item: Radiation Test	Date: 12/04/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 11/35/05
EUT: Roof mount monitor with DVD	Engineer Signature:
Mode: TX 89.7MHz with DVD	Distance: 3m
Model: F101-J	
Manufacturer: Hengdu	

Note: Report NO.:ATE20120578



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	89.7000	32.62	13.85	46.27	68.00	-21.73	peak			
2	89.7000	23.67	13.85	37.32	48.00	-10.68	AVG			
3	162.5900	25.49	14.63	40.12	43.50	-3.38	QP			
4	264.9708	24.37	18.67	43.04	46.00	-2.96	QP			
5	491.7699	18.14	23.94	42.08	46.00	-3.92	QP			

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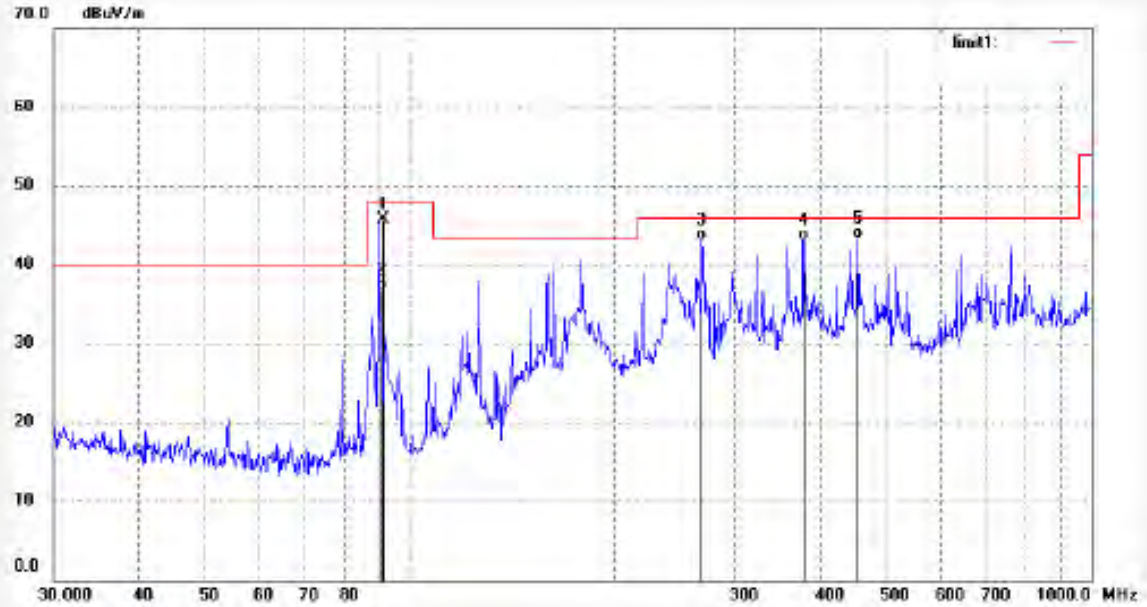
Job No.: Bob #1426
Standard: FCC PART 15 (FMT)
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Roof mount monitor with DVD
Mode: TX 91.1MHz with DVD
Model: F101-J
Manufacturer: Hengdu

Polarization: Horizontal
Power Source: DC 12V
Date: 12/04/06/
Time: 11/41/31
Engineer Signature:
Distance: 3m

Note: Report NO.:ATE20120578



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	91.1000	31.93	13.91	45.84	68.00	-22.16	peak			
2	91.1000	22.94	13.91	36.85	48.00	-11.15	AVG			
3	268.7212	24.81	18.32	43.13	46.00	-2.87	QP			
4	379.1779	21.62	21.54	43.16	46.00	-2.84	QP			
5	455.1888	20.21	23.10	43.31	46.00	-2.69	QP			

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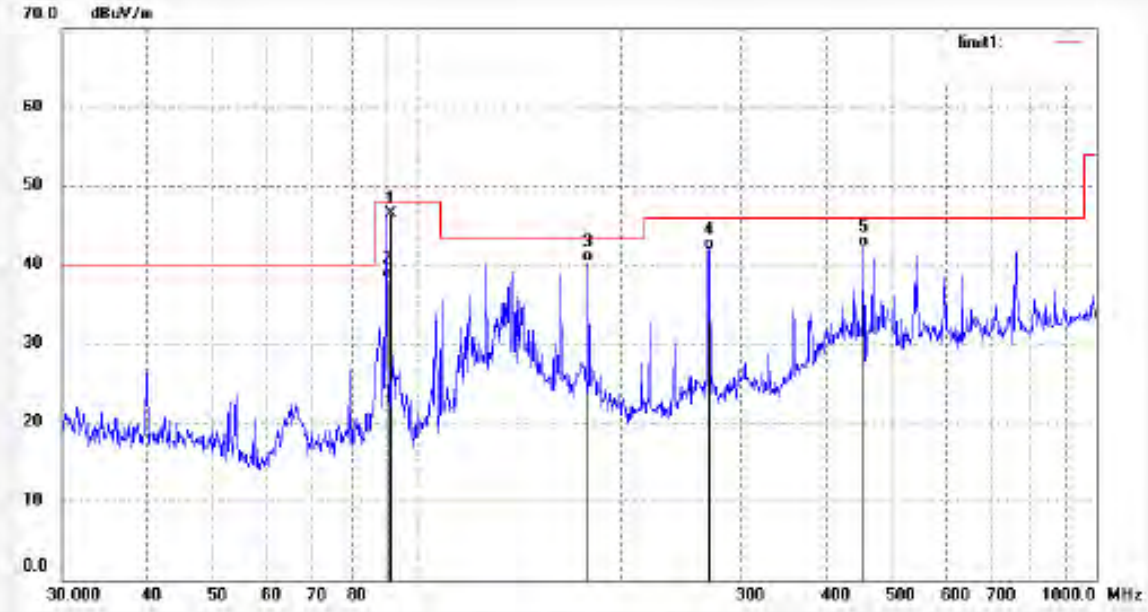
Fax:+86-0755-26503396

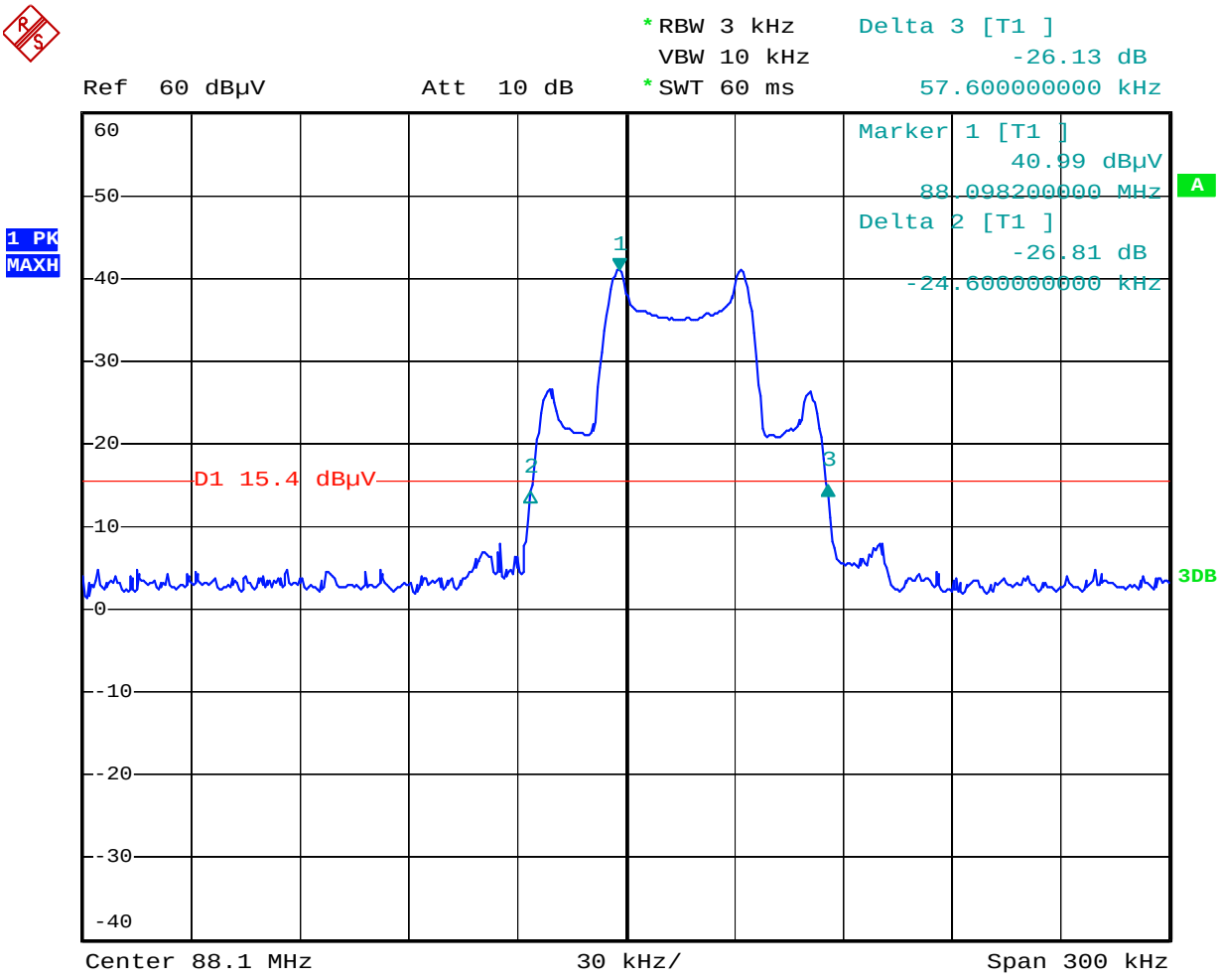
Job No.: Bob #1425	Polarization: Vertical
Standard: FCC PART 15 (FMT)	Power Source: DC 12V
Test item: Radiation Test	Date: 12/04/06/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 11/38/09
EUT: Roof mount monitor with DVD	Engineer Signature:
Mode: TX 91.1MHz with DVD	Distance: 3m
Model: F101-J	
Manufacturer: Hengdu	

Note: Report NO.:ATE20120578



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	91.1000	32.82	13.91	46.49	68.00	-21.51	peak			
2	91.1000	24.56	13.91	38.23	48.00	-9.77	AVG			
3	178.7697	24.53	15.77	40.30	43.50	-3.20	QP			
4	269.6669	23.76	18.22	41.98	46.00	-4.02	QP			
5	455.1888	19.16	23.10	42.26	46.00	-3.74	QP			

FM 88.1MHz with DVD



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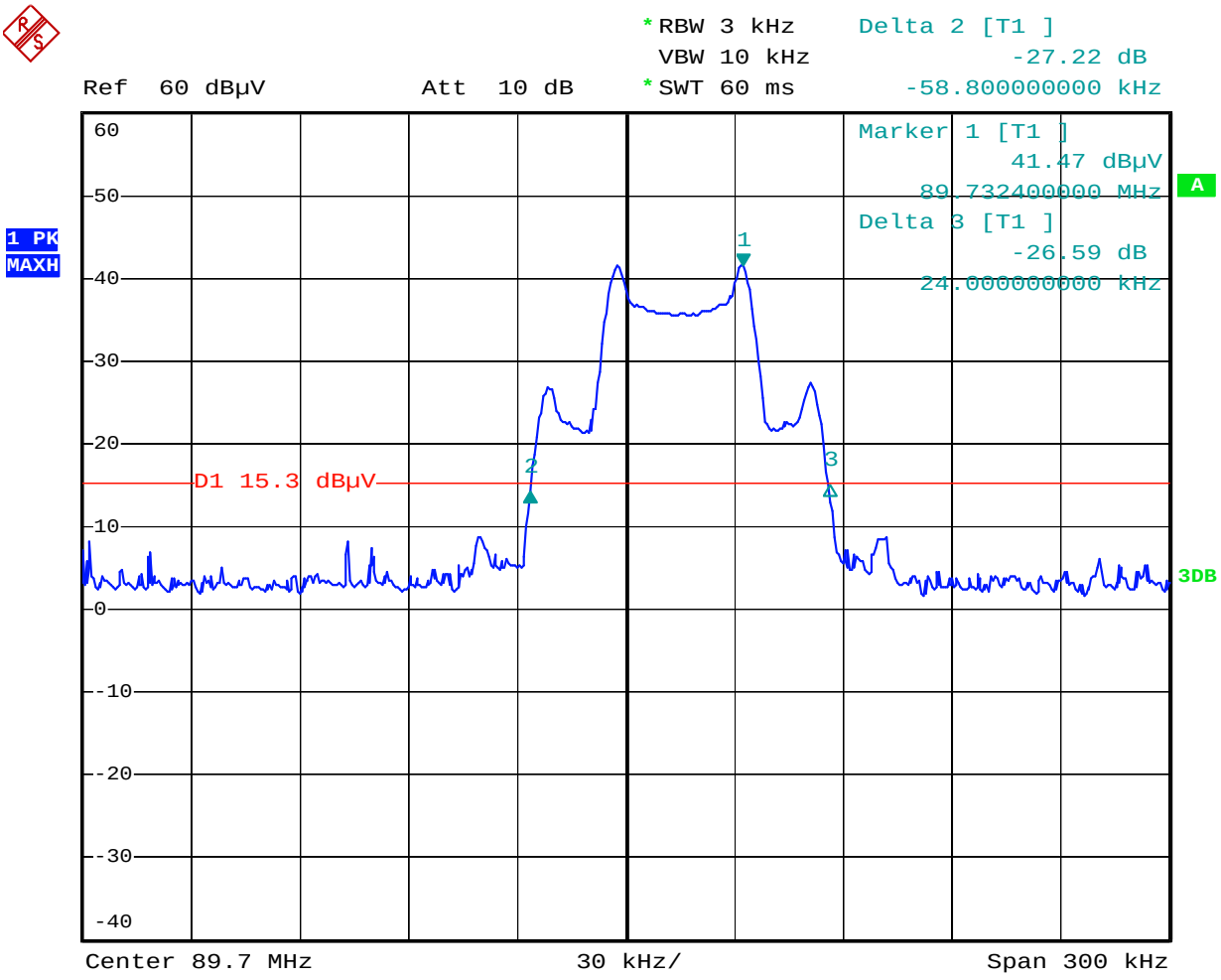
FM 89.7MHz with DVD



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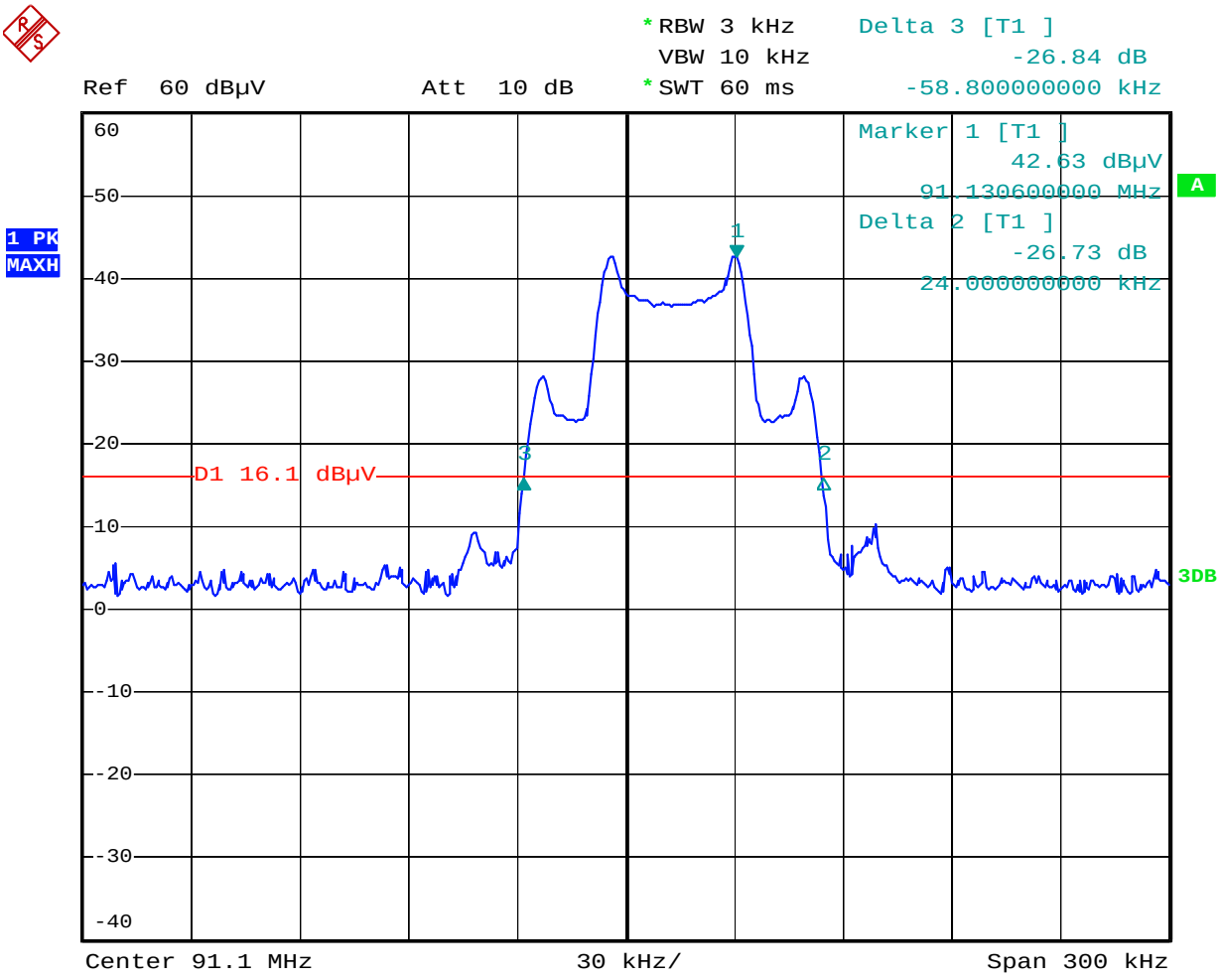
FM 91.1MHz with DVD



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