FCC CERTIFICATION
On Behalf of
Guangzhou FiiO Electronics Technology Co., Ltd.

2.4 GHz Wireless Audio Transmitter
Model No.: W1T1, W3T1, W5T1
FCC ID: R56-W1T1

Prepared for	:	Guangzhou FiiO Electronics Technology Co., Ltd.
Address	:	2/F, F Building, Hougang Industrial Zone, Shigang Huangshi West Road, Baiyun District, Guangzhou City, China
Prepared by	:	ACCURATE TECHNOLOGY CO. LTD
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Report Number	:	ATE20122502
Date of Test	:	Oct 30-Dec 3, 2012
Date of Report	:	Dec 3, 2012

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Description Page

Test Report Certification

Applicant	:	Guangzhou FiiO Electronics Technology Co., Ltd.
Manufacturer	:	Guangzhou FiiO Electronics Technology Co., Ltd.
EUT Description	:	**2.4 GHz Wireless Audio Transmitter**

(A) MODEL NO.: W1T1, W3T1,W5T1

(B) Trade Name.: FiiO

(C) POWER SUPPLY: 120V AC

Measurement Procedure Used:

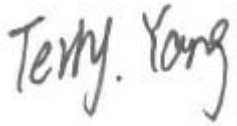
FCC Rules and Regulations Part 15 Subpart C Section 15.249
ANSI C63.4: 2009

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 Section15.249 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.

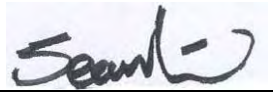
Date of Test : Nov 15-Dec 3, 2012

Prepared by :



(Engineer)

Approved & Authorized Signer :



(Manager)

1. GENERAL INFORMATION

1.1.Description of Device (EUT)

EUT	:	2.4GHz Wireless Audio Transmitter
Model Number	:	W1T1, W3T1,W5T1
Power Supply	:	120V AC
Adapter	:	Model:FLD0705-5.0V0.80A Input: AC 100-240V 50/60 Hz 0.3A Output: DC 5.0V 0.80A
Operate Frequency	:	2404-2479MHz
Applicant	:	Guangzhou FiiO Electronics Technology Co., Ltd.
Address	:	2/F, F Building, Hougang Industrial Zone, Shigang Huangshi West Road, Baiyun District, Guangzhou City, China
Manufacturer	:	Guangzhou FiiO Electronics Technology Co., Ltd.
Address	:	2/F, F Building, Hougang Industrial Zone, Shigang Huangshi West Road, Baiyun District, Guangzhou City, China
Date of sample received	:	Nov 15, 2012
Date of Test	:	Nov 15-Dec 3, 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 date	Calibrated until
EMI Test Receiver	Rohde&Schwarz	ESCS30	100307	Jan. 7, 2012	Jan. 7, 2013
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	Jan. 7, 2012	Jan. 7, 2013
Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 7, 2012	Jan. 7, 2013
Pre-Amplifier	Rohde&Schwarz	CBLU1183540-01	3791	Jan. 7, 2012	Jan. 7, 2013
Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan. 7, 2012	Jan. 7, 2013
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan. 7, 2012	Jan. 7, 2013
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan. 7, 2012	Jan. 7, 2013
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	Jan. 7, 2012	Jan. 7, 2013
LISN	Rohde&Schwarz	ESH3-Z5	100305	Jan. 7, 2012	Jan. 7, 2013
LISN	Schwarzbeck	NSLK8126	8126431	Jan. 7, 2012	Jan. 7, 2013

3. SUMMARY OF TEST RESULTS

FCC Rules	**Description of Test**	**Result**
Section 15.207	Conducted Emission	Compliant
Section 15.249(a)	Fundamental and Harmonics Radiated Emission	Compliant
Section 15.249(d)	Spurious Radiated Emission	Compliant
Section 15.249(d)	Band Edge	Compliant
Section 15.203	Antenna Requirement	Compliant

Remark: “N/A” means “Not applicable”.

4. FUNDAMENTAL AND HARMONICS RADIATED EMISSION FOR SECTION 15.249(A)

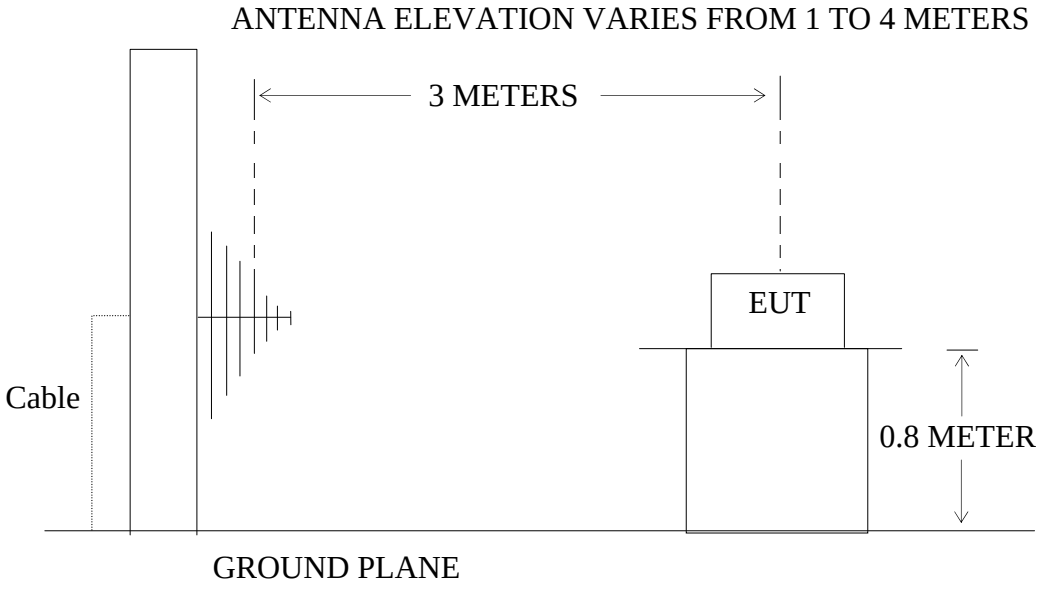
4.1.Block Diagram of Test Setup

4.1.1.Block diagram of connection between the EUT and simulators

EUT

(EUT: 2.4GHz Wireless Audio Transmitter)

4.1.2.Semi-Anechoic Chamber Test Setup Diagram



(EUT: 2.4GHz Wireless Audio Transmitter)

4.2.The Emission Limit

4.2.1.For intentional radiators, According to section 15.249(a), Operation within the frequency band of 2.4 to 2.4835GHz, The fundamental field strength shall not exceed 94 dBμV/m and the harmonics shall not exceed 54 dBμV/m.

Fundamental Frequency	Field Strength of Fundamental (millivolts/meter)	Field Strength of harmonics (microvolts/meter)
902-928MHz	50	500
2400-2483.5MHz	50	500
5725-5875MHz	50	500
24.0-24.25GHz	250	2500

4.2.2.According to section 15.249(e), as shown in section 15.35(b), the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

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. 2.4GHz Wireless Audio Transmitter (EUT)

Model Number **:** W1T1
Serial Number **:** N/A
Manufacturer **:** Guangzhou FiiO Electronics Technology 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 measure it.. We are select 2404 MHz, 2444MHz and 2479MHz 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: 2009 on radiated emission measurement. The EUT was tested in 3 orthogonal planes.

The bandwidth of test receiver is set at 1000 kHz.

4.6.The Field Strength of Radiation Emission Measurement Results

PASS.

Date of Test:	Nov 26, 2012	Temperature:	25°C
EUT:	2.4GHz Wireless Audio Transmitter	Humidity:	50%
Model No.:	W1T1	Power Supply:	AC 120V/60Hz
Test Mode:	TX 2404MHz	Test Engineer:	Ricky

Fundamental Radiated Emissions

Frequency	Reading(dBμV/m)		Factor(dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
2404.000	74.23	95.05	-7.54	66.69	87.51	94	114	-27.11	-26.49	Vertical
2404.000	87.56	106.44	-7.54	80.02	98.90	94	114	-13.98	-15.10	Horizontal

Harmonics and spurious Radiated Emissions

Frequency	Reading(dBμV/m)		Factor(dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
4808.000	41.88	62.06	-0.71	41.17	61.35	54	74	-12.83	-12.65	Vertical
7212.000	34.89	47.42	3.33	38.22	50.75	54	74	-15.78	-23.25	Vertical
4808.000	41.58	62.10	-0.71	40.87	61.39	54	74	-13.13	-12.61	Horizontal
7212.000	35.12	47.56	3.33	38.45	50.89	54	74	-15.55	-23.11	Horizontal

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:	Nov 26, 2012	Temperature:	25°C
EUT:	2.4GHz Wireless Audio Transmitter	Humidity:	50%
Model No.:	W1T1	Power Supply:	AC 120V/60Hz
Test Mode:	TX 2444MHz	Test Engineer:	Ricky

Fundamental Radiated Emissions

Frequency	Reading(dBμV/m)		Factor(dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
2444.000	82.32	102.02	-7.59	74.73	94.43	94	114	-19.27	-19.57	Horizon
2444.000	78.22	99.38	-7.59	70.63	91.79	94	114	-23.37	-22.21	Vertical

Harmonics and Spurious Radiated Emissions

Frequency	Reading(dBμV/m)		Factor(dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
4888.000	42.03	62.11	-0.71	41.32	61.40	54	74	-12.68	-12.60	Vertical
7332.000	34.50	48.15	3.33	37.83	51.48	54	74	-16.17	-22.52	Vertical
4884.000	43.11	62.25	-0.71	42.40	61.54	54	74	-11.60	-12.46	Horizontal
7332.000	35.36	48.52	3.33	38.69	51.85	54	74	-15.31	-22.15	Horizontal

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:	Nov 26, 2012	Temperature:	25°C
EUT:	2.4GHz Wireless Audio Transmitter	Humidity:	50%
Model No.:	W1T1	Power Supply:	AC 120V/60Hz
Test Mode:	TX 2479MHz	Test Engineer:	Ricky

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	
2479.000	80.12	100.53	-7.54	72.58	92.99	94	114	-21.42	-21.01	Horizon
2479.000	86.12	106.51	-7.54	78.58	98.97	94	114	-15.42	-15.03	Vertical

Harmonics and Spurious 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	
4958.00	42.12	62.69	-0.71	41.41	61.98	54	74	-12.59	-12.02	Vertical
7437.000	35.23	49.02	3.33	38.56	52.35	54	74	-15.44	-21.65	Vertical
4958.00	43.15	62.46	-0.71	42.44	61.75	54	74	-11.56	-12.25	Horizontal
7437.000	35.22	49.08	3.33	38.55	52.41	54	74	-15.45	-21.59	Horizontal

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. SPURIOUS RADIATED EMISSION FOR SECTION 15.249(D)

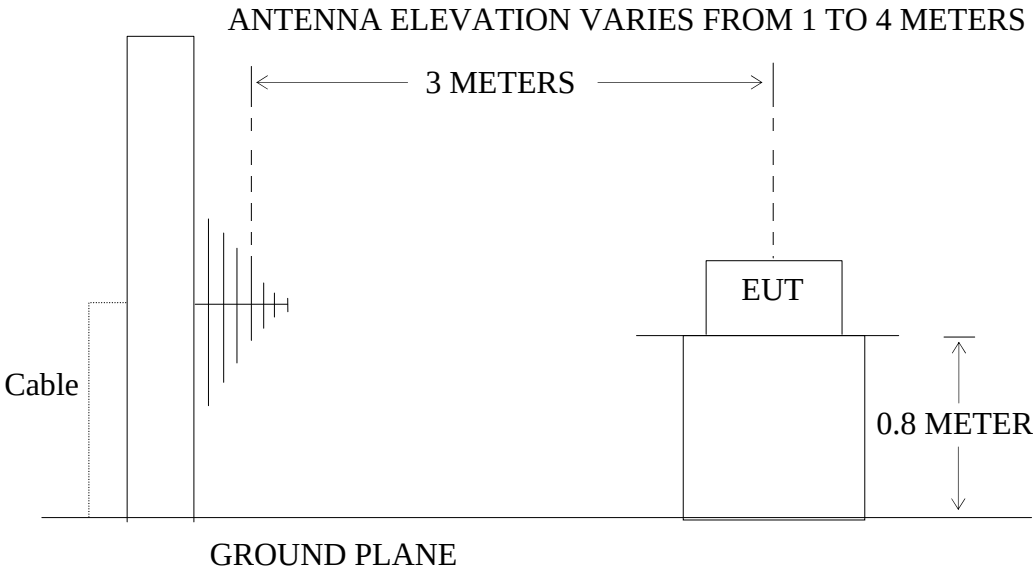
5.1.Block Diagram of Test Setup

5.1.1.Block diagram of connection between the EUT and simulators

EUT

(EUT: 2.4GHz Wireless Audio Transmitter)

5.1.2.Semi-Anechoic Chamber Test Setup Diagram



(EUT: 2.4GHz Wireless Audio Transmitter)

5.2.The Emission Limit For Section 15.249(d)

5.2.1.Emission radiated outside of the specified frequency bands, except for harmonics, shall be comply with 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	

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. 2.4GHz Wireless Audio Transmitter (EUT)

Model Number **:** W1T1
Serial Number **:** N/A
Manufacturer **:** Guangzhou FiiO Electronics Technology 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 measure it. The transmit frequency are 2404-2479MHz. We are select2404MHz, 2444MHz, 2479MHz 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: 2009 on radiated emission measurement. The EUT was tested in 3 orthogonal planes.

The bandwidth of test receiver is set at 100 kHz in 30-1000MHz. and set at 1MHz in above 1000MHz.

The frequency range from 30MHz to 25000MHz is checked.

The final measurement in band 9-90 kHz, 110-490 kHz 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.

5.6. The Emission Measurement Result

PASS.

Date of Test:	Nov 24, 2012	Temperature:	25°C
EUT:	2.4GHz Wireless Audio Transmitter	Humidity:	50%
Model No.:	W1T1	Power Supply:	AC 120V/60Hz
Test Mode:	TX 2404MHz	Test Engineer:	Ricky

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
37.9628	20.40	15.01	35.41	40.00	-4.59	Vertical
78.5645	22.19	12.10	34.29	40.00	-5.71	Vertical
82.8162	22.51	13.07	35.58	40.00	-4.42	Vertical
52.0826	7.84	14.29	22.13	40.00	-17.87	Horizontal
93.9829	12.90	14.05	26.95	43.50	-16.55	Horizontal
363.5231	16.96	18.58	35.54	46.00	-10.46	Horizontal

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:	Nov 24, 2012	Temperature:	25°C
EUT:	2.4GHz Wireless Audio Transmitter	Humidity:	50%
Model No.:	W1T1	Power Supply:	AC 120V/60Hz
Test Mode:	TX 2442MHz	Test Engineer:	Ricky

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
38.7716	20.84	14.83	35.67	40.00	-4.33	Vertical
78.8410	20.86	12.17	33.03	40.00	-6.97	Vertical
73.1076	19.98	13.14	33.12	40.00	-6.88	Vertical
88.2229	11.98	13.75	25.73	43.50	-17.77	Horizontal
98.0302	11.67	14.52	26.19	43.50	-17.31	Horizontal
363.5231	16.66	18.58	35.24	46.00	-10.76	Horizontal

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:	Nov 24, 2012	Temperature:	25°C
EUT:	2.4GHz Wireless Audio Transmitter	Humidity:	50%
Model No.:	W1T1	Power Supply:	AC 120V/60Hz
Test Mode:	TX 2479MHz	Test Engineer:	Ricky

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
38.0965	21.67	14.99	36.66	40.00	-3.34	Vertical
82.8162	22.08	13.07	35.15	40.00	-4.85	Vertical
363.5231	13.24	18.58	31.82	46.00	-14.18	Vertical
54.7086	9.78	14.10	23.88	40.00	-16.12	Horizontal
93.3248	12.48	14.02	26.50	43.50	-17.00	Horizontal
363.5231	16.97	18.58	35.55	46.00	-10.45	Horizontal

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.

6. BAND EDGES

6.1.The Requirement

6.1.1.Band Edge from 2400MHz to 2483.5MHz. Emission radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.

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. 2.4GHz Wireless Audio Transmitter (EUT)

Model Number	**:**	W1T1
Serial Number	**:**	N/A
Manufacturer	**:**	Guangzhou FiiO Electronics Technology Co., Ltd.

6.3.Operating Condition of EUT

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

6.3.2.Turn on the power of all equipment.

6.3.3. Let the EUT work in TX modes measure it. The transmit frequency are 2404-2479MHz. We are select 2404MHz and 2479MHz TX frequency to transmit.

6.4.Test Procedure

1. The EUT is placed on a turntable, which is 0.8m above the ground plane and worked at highest radiated power.
2. The turntable was rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
4. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:

6.5.The Measurement Result

Pass.

Date of Test:	Nov 27, 2012	Temperature:	25°C
EUT:	2.4GHz Wireless Audio Transmitter	Humidity:	50%
Model No.:	W1T1	Power Supply:	AC 120V/60Hz
Test Mode:	TX 2404MHz	Test Engineer:	Ricky

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	
2400.000	54.55	57.24	-7.46	47.06	49.78	54	74	-6.91	-24.22	Vertical
2400.000	56.11	58.74	-7.46	48.65	51.28	54	74	-5.35	-22.72	Horizontal

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 QP (up to 1G) and peak (above 1G) values.

Date of Test:	Nov 27, 2012	Temperature:	25°C
EUT:	2.4GHz Wireless Audio Transmitter	Humidity:	50%
Model No.:	W1T1	Power Supply:	AC 120V/60Hz
Test Mode:	TX 2479MHz	Test Engineer:	Ricky

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	
2483.500	38.55	40.98	-7.37	31.18	33.61	54	74	-22.82	-40.39	Vertical
2483.500	36.57	38.78	-7.37	29.20	31.41	54	74	-24.80	-42.59	Horizontal

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:

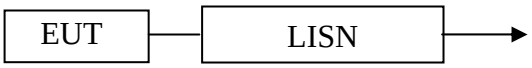
   Result = Reading + Corrected Factor

   Where Corrected Factor = Antenna Factor + Cable Loss + High Pass Filter Loss – Amplifier Gain
3. The spectral diagrams in appendix I display the measurement of QP (up to 1G) and peak (above 1G) values.

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

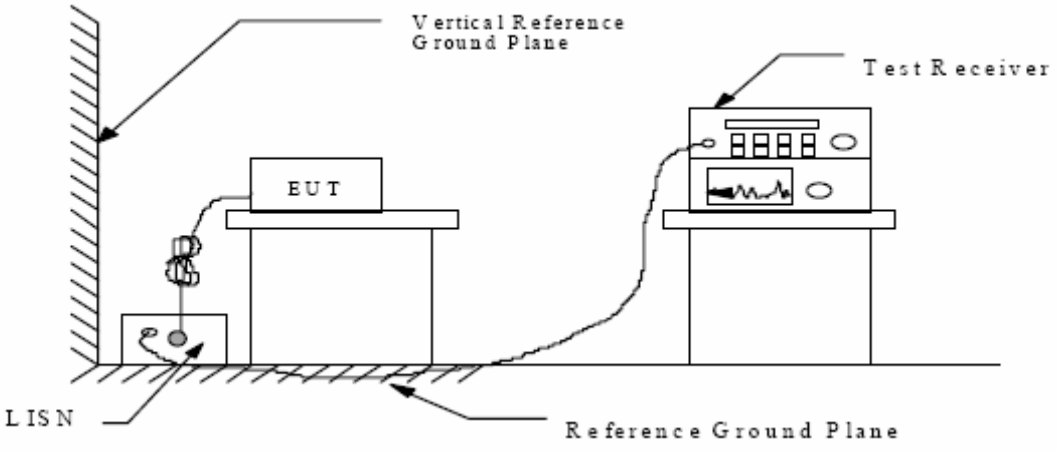
7.1.Block Diagram of Test Setup

7.1.1.Block diagram of connection between the EUT and simulators



(EUT: 2.4G Wireless Audio Transmitter)

7.1.2.Shielding Room Test Setup Diagram



(EUT: 2.4 G Wireless Audio Transmitter)

7.2.The Emission Limit

7.2.1.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.

7.3.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.

7.3.1.2.4G Wireless Audio Transmitter (EUT)

Model Number	**:**	W1T1
Serial Number	**:**	N/A
Manufacturer	**:**	Guangzhou FiiO Electronics Co., Ltd.

7.4.Operating Condition of EUT

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

7.4.2.Turn on the power of all equipment.

7.4.3. Let the EUT work in Operation mode measure it.

7.5.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: 2009 on Conducted Emission Measurement.

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

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

7.6. Power Line Conducted Emission Measurement Results

PASS.

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

Date of Test:	Nov 24, 2012	Temperature:	25°C
EUT:	2.4G Wireless Audio Transmitter	Humidity:	50%
Model No.:	W1T1	Power Supply:	AC 120V/ 60Hz
Test Mode:	Operation	Test Engineer:	Ricky

Frequency (MHz)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector	
0.174571	57.20	65	7.5	QP	Line
0.231775	53.30	62	9.1	QP	
0.290996	50.00	61	10.5	QP	
0.523291	41.70	46	4.3	AV	
0.582846	42.10	46	3.9	AV	
1.513251	32.30	46	13.7	AV	
0.170439	58.50	65	6.4	QP	N
0.227194	52.60	63	10.0	QP	
0.284109	46.30	61	14.4	QP	
0.171806	45.00	55	9.9	AV	
0.229015	42.10	53	10.4	AV	
0.286387	38.20	51	12.4	AV	

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

The spectral diagrams are attached as below.

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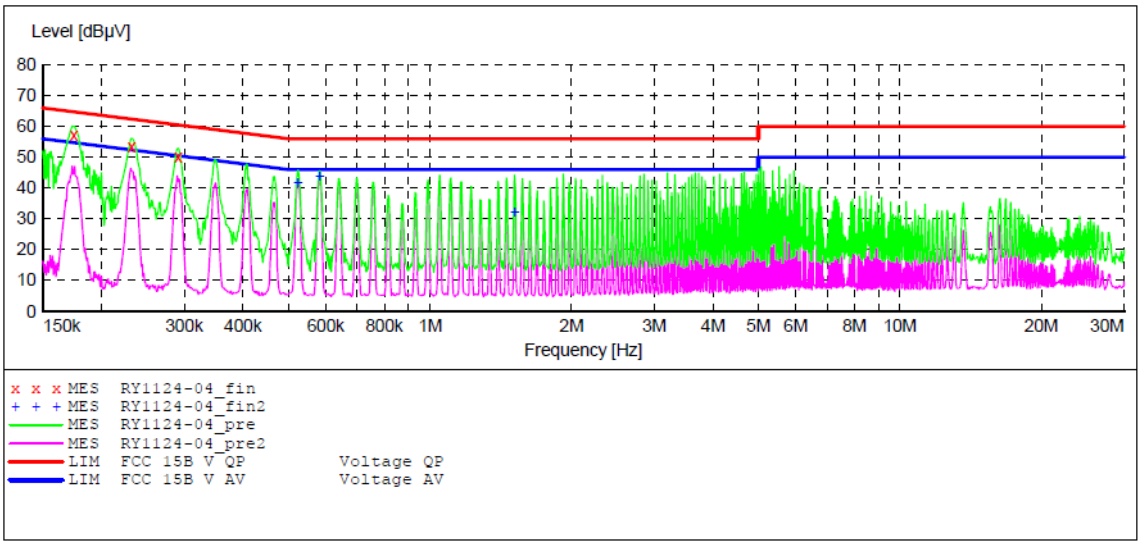
CONDUCTED EMISSION STANDARD FCC PART 15B

```
EUT:                  2.4G Wireless Audio Transmitter  M/N:W1T1
Manufacturer:         FiiO
Operating Condition:  Operation
Test Site:            1#Shielding Room
Operator:             Ricky
Test Specification:   L   120V/60Hz
Comment:
Start of Test:        11/24/2012 / 2:38:56PM
```

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
```



MEASUREMENT RESULT: "RY1124-04_fin"

```
11/24/2012  2:40PM
   Frequency     Level   Transd   Limit   Margin   Detector   Line    PE
         MHz      dBµV      dB   dBµV       dB
    0.174571     57.20    11.2      65      7.5   QP         L1      GND
    0.231775     53.30    11.2      62      9.1   QP         L1      GND
    0.290996     50.00    11.2      61     10.5   QP         L1      GND
```

MEASUREMENT RESULT: "RY1124-04_fin2"

```
11/24/2012  2:40PM
   Frequency     Level   Transd   Limit   Margin   Detector   Line    PE
         MHz      dBµV      dB   dBµV       dB
    0.523291     41.70    11.3      46      4.3   AV         L1      GND
    0.582846     42.10    11.3      46      3.9   AV         L1      GND
    1.513251     32.30    11.3      46     13.7   AV         L1      GND
```

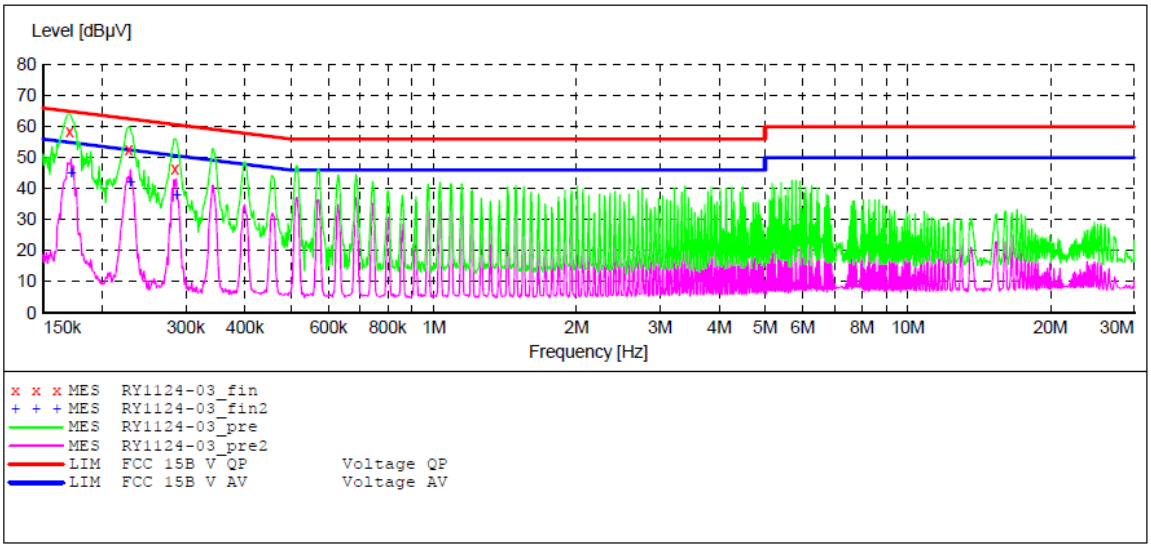
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

```
EUT:                  2.4G Wireless Audio Transmitter  M/N:W1T1
Manufacturer:         FiiO
Operating Condition:  Operation
Test Site:            1#Shielding Room
Operator:             Ricky
Test Specification:   N   120V/60Hz
Comment:
Start of Test:        11/24/2012 / 2:26:53PM
```

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
```



MEASUREMENT RESULT: "RY1124-03_fin"

11/24/2012 2:38PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.170439	58.50	11.2	65	6.4	QP	N	GND
0.227194	52.60	11.2	63	10.0	QP	N	GND
0.284109	46.30	11.2	61	14.4	QP	N	GND

MEASUREMENT RESULT: "RY1124-03_fin2"

11/24/2012 2:38PM

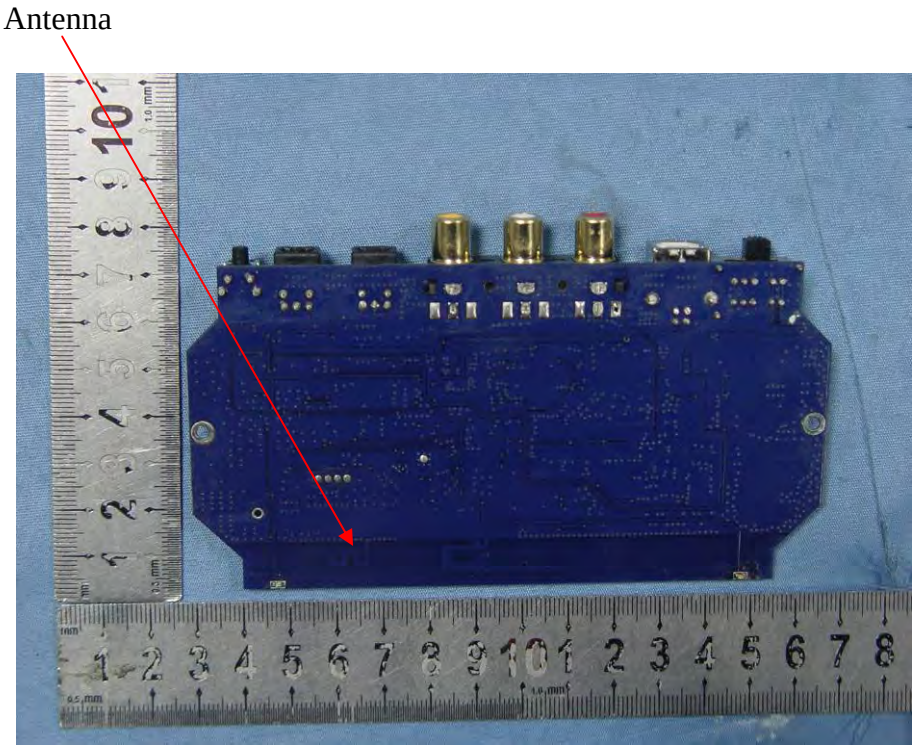
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.171806	45.00	11.2	55	9.9	AV	N	GND
0.229015	42.10	11.2	53	10.4	AV	N	GND
0.286387	38.20	11.2	51	12.4	AV	N	GND

8. ANTENNA REQUIREMENT

8.1.The Requirement

8.1.1.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



APPENDIX I
(Test Curves)

ACCURATE TECHNOLOGY CO., LTD.
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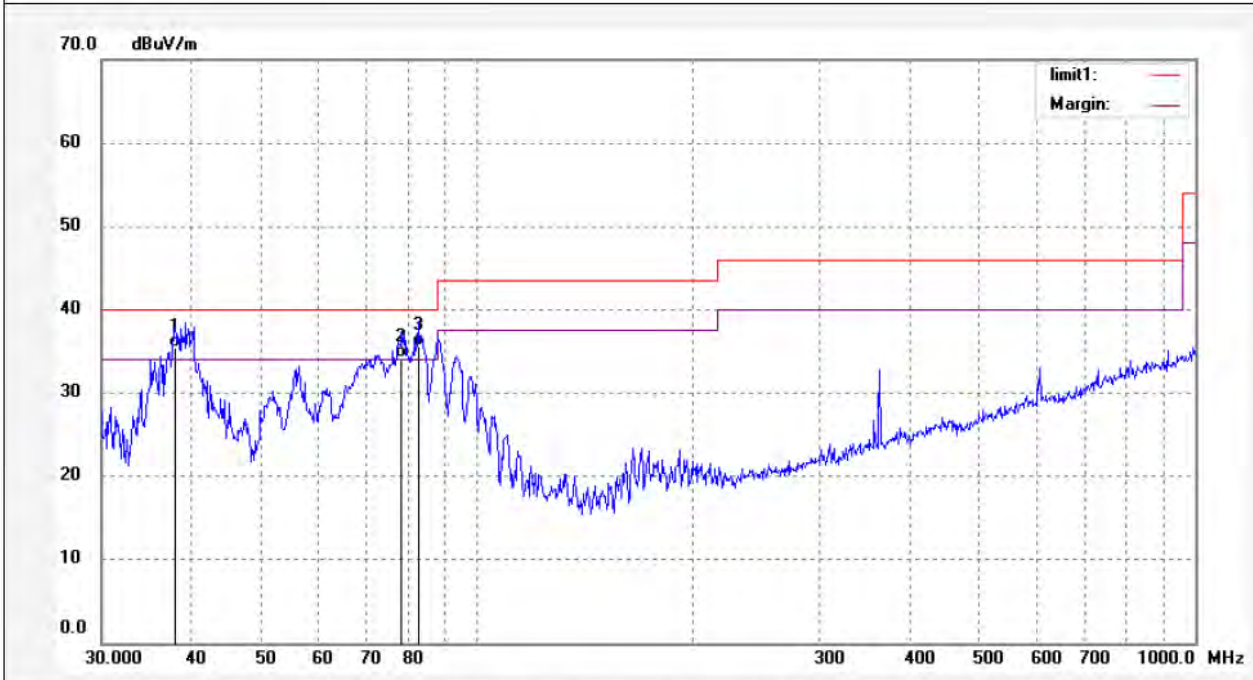
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RUCKY #288	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/11/24
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 11:35:04
EUT: 2.4G Wireless Audio Transmitter	Engineer Signature: Ricky
Mode: TX2404	Distance: 3m
Model: W1T1	
Manufacturer:FiiO	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	37.9628	20.40	15.01	35.41	40.00	-4.59	QP			
2	78.5645	22.19	12.10	34.29	40.00	-5.71	QP			
3	82.8162	22.51	13.07	35.58	40.00	-4.42	QP			

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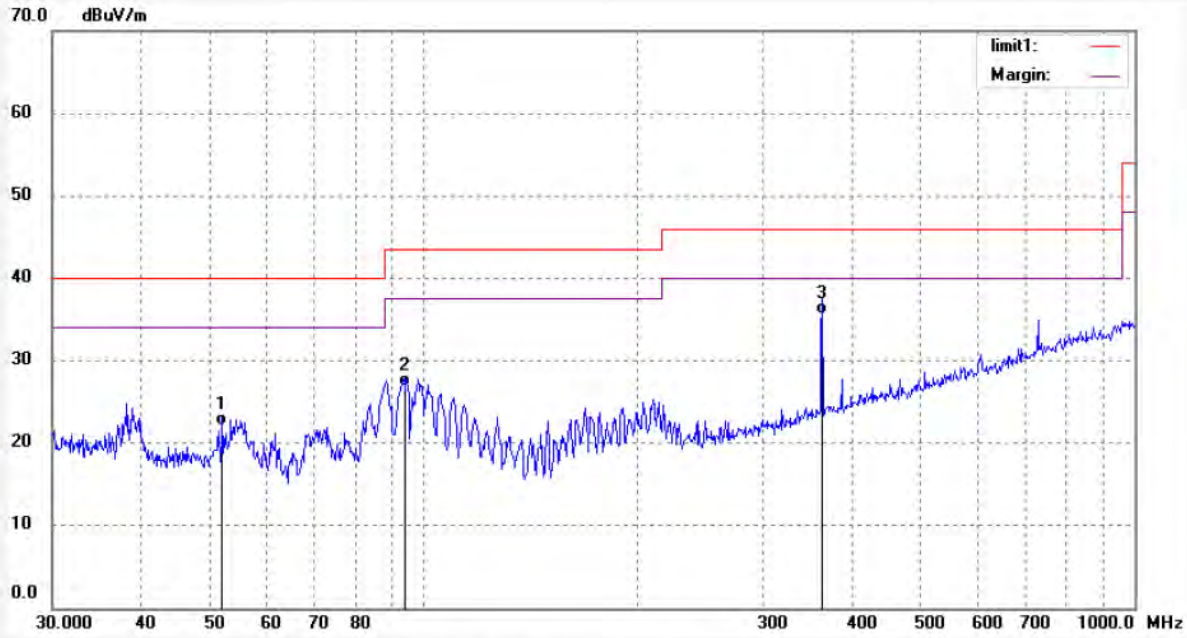
Fax:+86-0755-26503396

Job No.: RUCKY #289	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/11/24
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 11:38:08
EUT: 2.4G Wireless Audio Transmitter	Engineer Signature: Ricky
Mode: TX2404	Distance: 3m
Model: W1T1	
Manufacturer:FiiO	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	52.0826	7.84	14.29	22.13	40.00	-17.87	QP			
2	93.9829	12.90	14.05	26.95	43.50	-16.55	QP			
3	363.5231	16.96	18.58	35.54	46.00	-10.46	QP			

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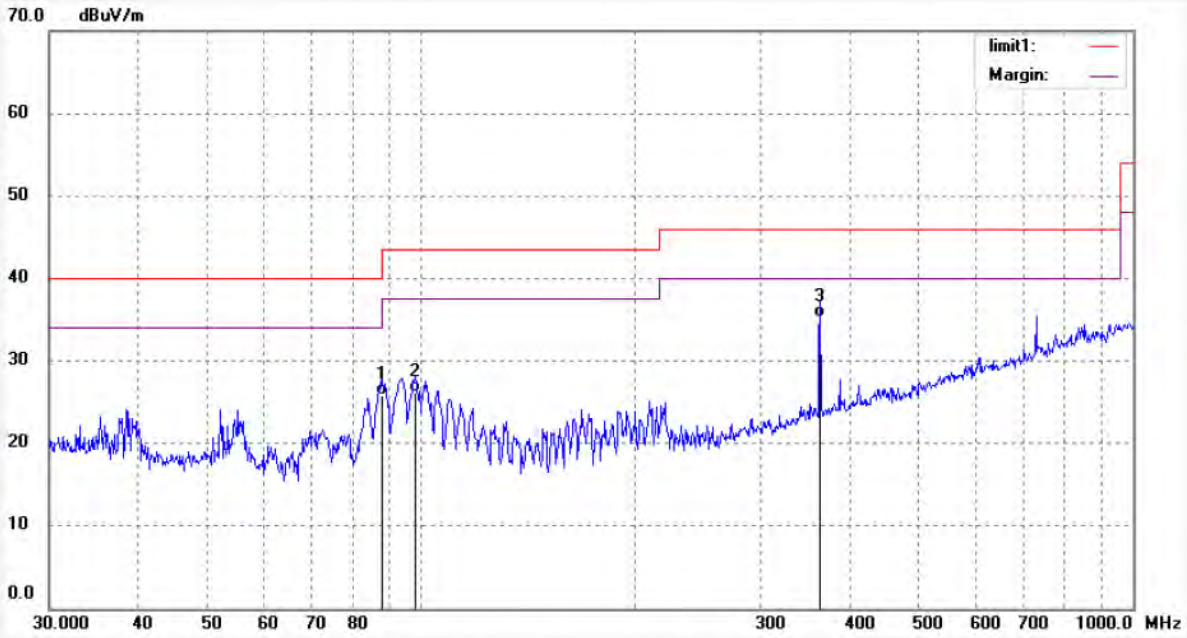
Fax:+86-0755-26503396

Job No.: RUCKY #290	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/11/24
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 11:39:59
EUT: 2.4G Wireless Audio Transmitter	Engineer Signature: Ricky
Mode: TX2444	Distance: 3m
Model: W1T1	
Manufacturer:FiiO	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	88.2229	11.98	13.75	25.73	43.50	-17.77	QP			
2	98.0302	11.67	14.52	26.19	43.50	-17.31	QP			
3	363.5231	16.66	18.58	35.24	46.00	-10.76	QP			

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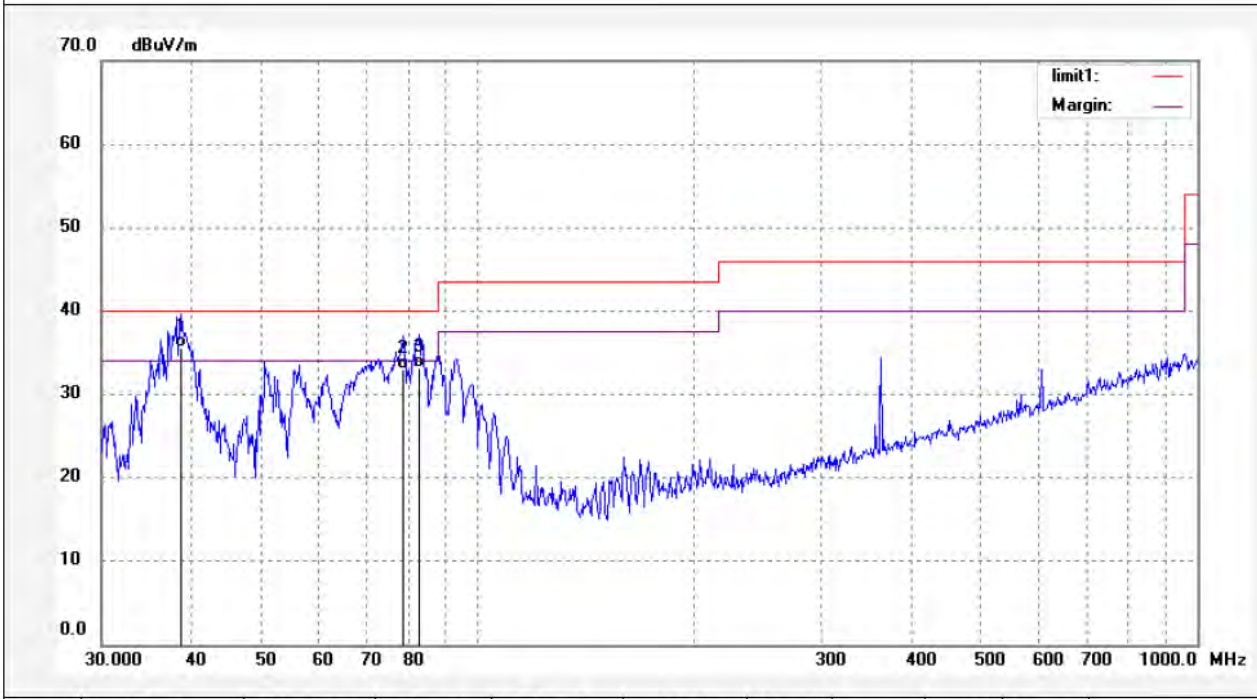
Fax:+86-0755-26503396

Job No.: RUCKY #291	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/11/24
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 11:41:09
EUT: 2.4G Wireless Audio Transmitter	Engineer Signature: Ricky
Mode: TX2444	Distance: 3m
Model: W1T1	
Manufacturer:FiiO	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	38.7716	20.84	14.83	35.67	40.00	-4.33	QP			
2	78.8410	20.86	12.17	33.03	40.00	-6.97	QP			
3	83.1076	19.98	13.14	33.12	40.00	-6.88	QP			

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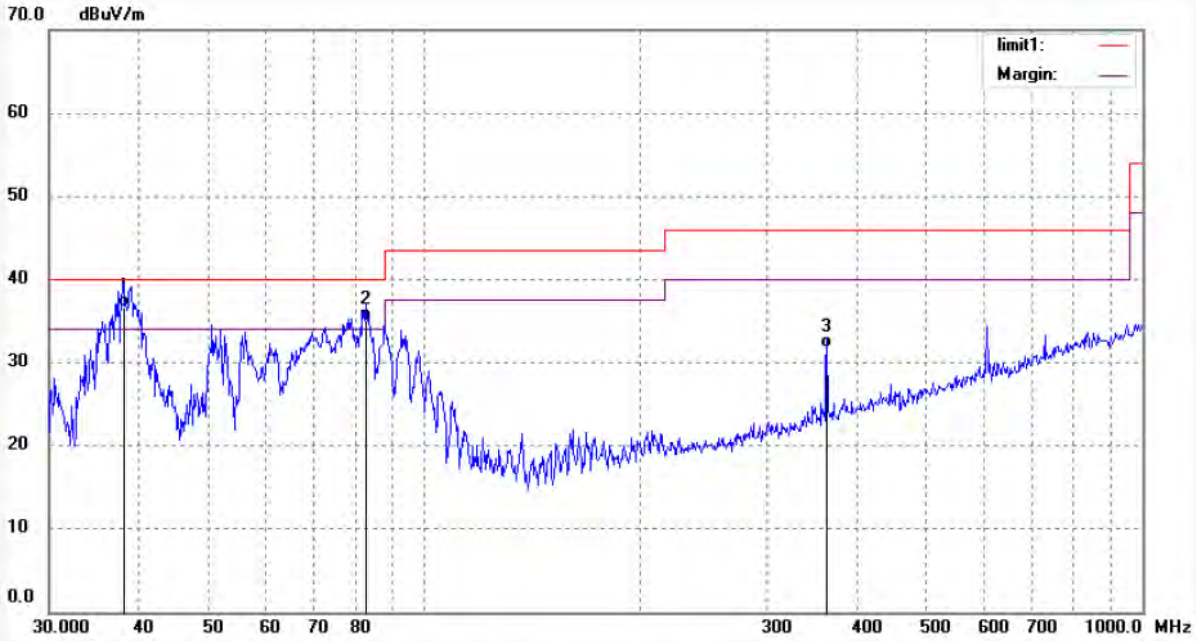
Job No.: RUCKY #292
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 49 %
EUT: 2.4G Wireless Audio Transmitter
Mode: TX2479
Model: W1T1
Manufacturer:FiiO

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/11/24
Time: 11:43:02
Engineer Signature: Ricky
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	38.0965	21.67	14.99	36.66	40.00	-3.34	QP			
2	82.8162	22.08	13.07	35.15	40.00	-4.85	QP			
3	363.5231	13.24	18.58	31.82	46.00	-14.18	QP			

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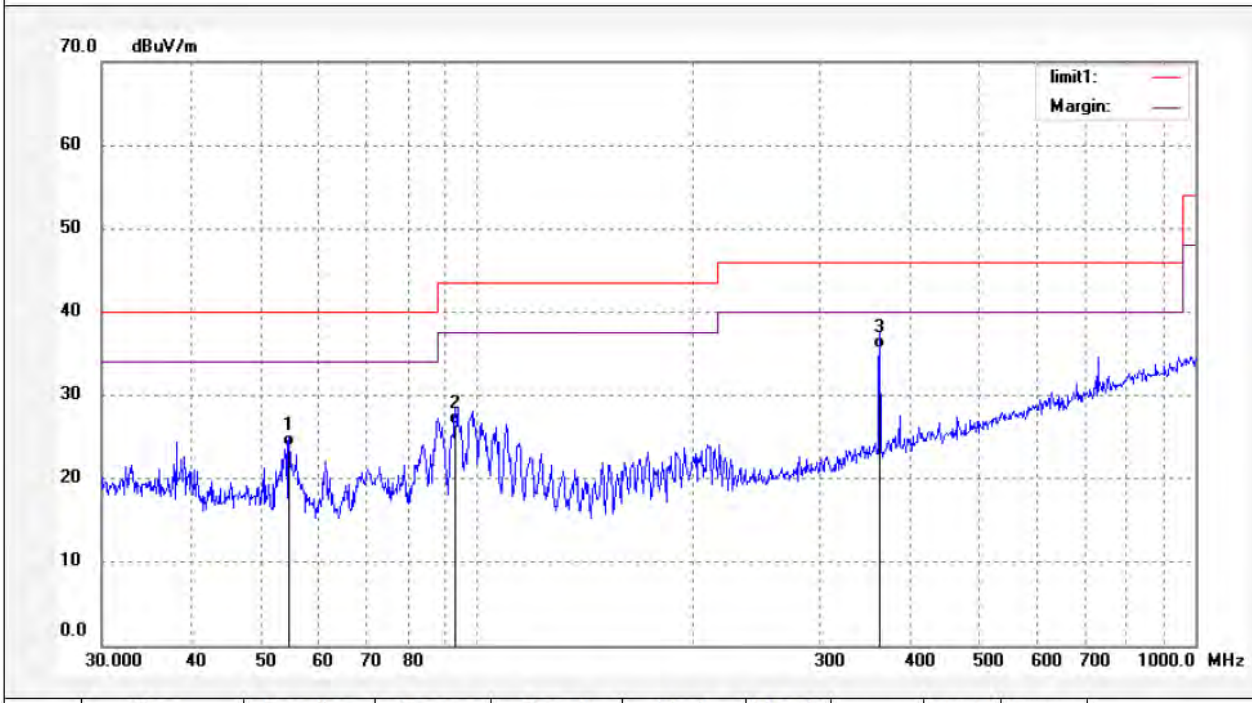
Job No.: RUCKY #293	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/11/24
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 11:44:10
EUT: 2.4G Wireless Audio Transmitter	Engineer Signature: Ricky
Mode: TX2479	Distance: 3m
Model: W1T1	
Manufacturer:FiiO	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	54.7086	9.78	14.10	23.88	40.00	-16.12	QP			
2	93.3248	12.48	14.02	26.50	43.50	-17.00	QP			
3	363.5231	16.97	18.58	35.55	46.00	-10.45	QP			

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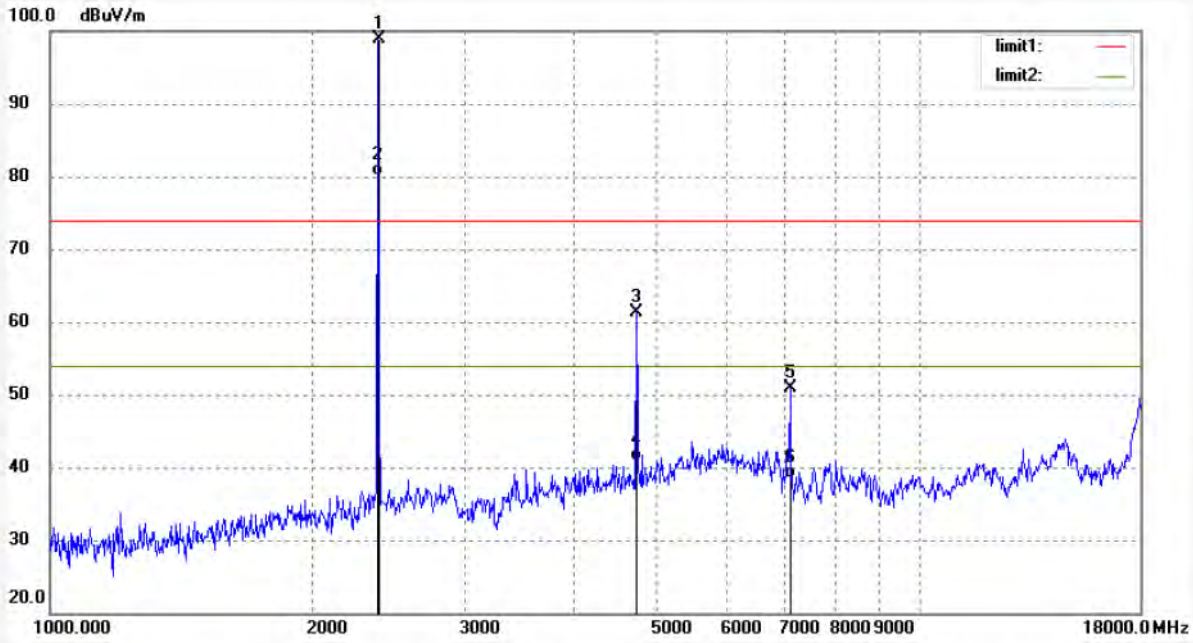
Job No.: RUCKY #327
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 49 %
EUT: 2.4G Wireless Audio Transmitter
Mode: TX2404
Model: W1T1
Manufacturer:FiiO

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 12/11/26/
Time: 8/41/40
Engineer Signature: Ricky
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2404.000	106.44	-7.54	98.90	114.00	-15.10	peak			
2	2404.000	87.56	-7.54	80.02	94.00	-13.98	AVG			
3	4808.000	62.10	-0.71	61.39	74.00	-12.61	peak			
4	4808.000	41.58	-0.71	40.87	54.00	-13.13	AVG			
5	7212.000	47.56	3.33	50.89	74.00	-23.11	peak			
6	7212.000	35.12	3.33	38.45	54.00	-15.55	AVG			

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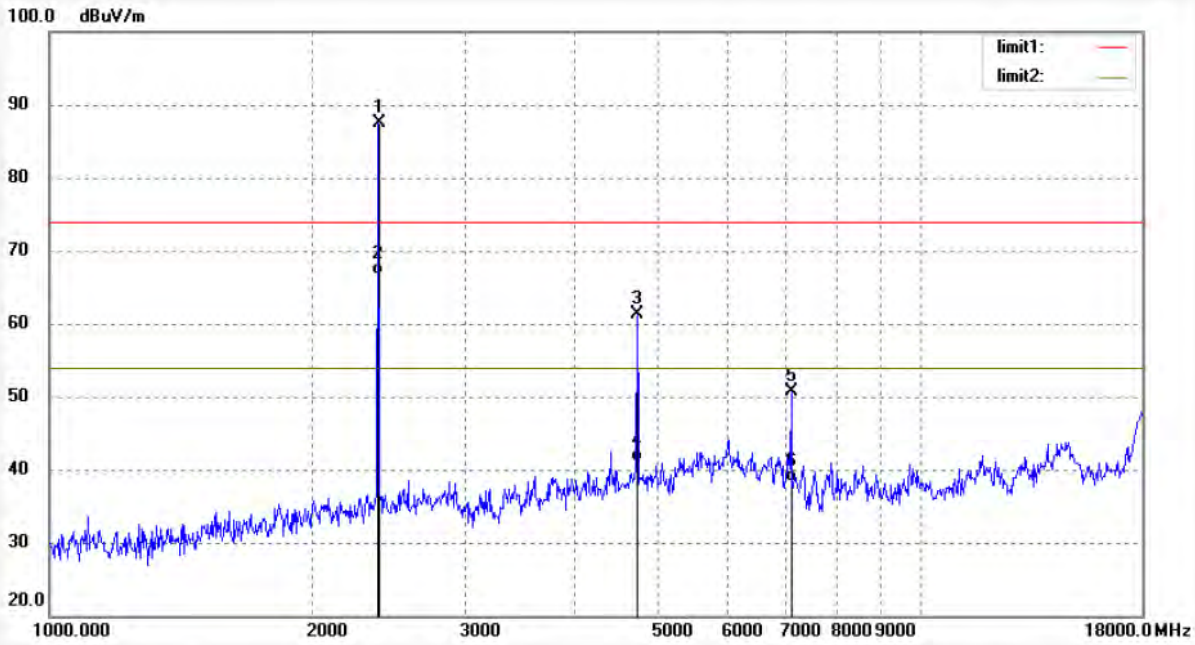
Fax:+86-0755-26503396

Job No.: RUCKY #328
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 49 %
EUT: 2.4G Wireless Audio Transmitter
Mode: TX2404
Model: W1T1
Manufacturer:FiiO

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 12/11/26/
Time: 8/43/40
Engineer Signature: Ricky
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2404.000	95.05	-7.54	87.51	114.00	-26.49	peak			
2	2404.000	74.23	-7.54	66.69	94.00	-27.11	AVG			
3	4808.000	62.06	-0.71	61.35	74.00	-12.65	peak			
4	4808.000	41.88	-0.71	41.17	54.00	-12.83	AVG			
5	7212.000	47.42	3.33	50.75	74.00	-23.25	peak			
6	7212.000	34.89	3.33	38.22	54.00	-15.78	AVG			

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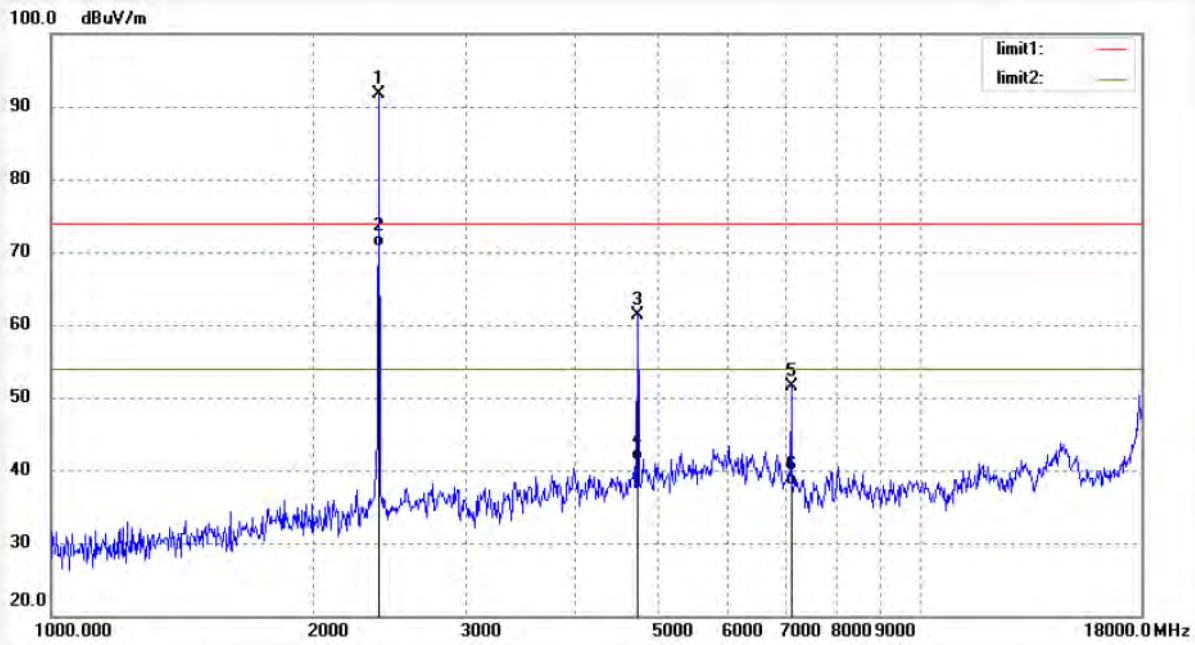
Fax:+86-0755-26503396

Job No.: RUCKY #329
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 49 %
EUT: 2.4G Wireless Audio Transmitter
Mode: TX2444
Model: W1T1
Manufacturer:FiiO

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 12/11/26/
Time: 8/44/42
Engineer Signature: Ricky
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2444.000	99.38	-7.59	91.79	114.00	-22.21	peak			
2	2444.000	78.22	-7.59	70.63	94.00	-23.37	AVG			
3	4888.000	62.11	-0.71	61.40	74.00	-12.60	peak			
4	4888.000	42.03	-0.71	41.32	54.00	-12.68	AVG			
5	7332.000	48.15	3.33	51.48	74.00	-22.52	peak			
6	7332.000	34.50	3.33	37.83	54.00	-16.17	AVG			

ACCURATE TECHNOLOGY CO., LTD.
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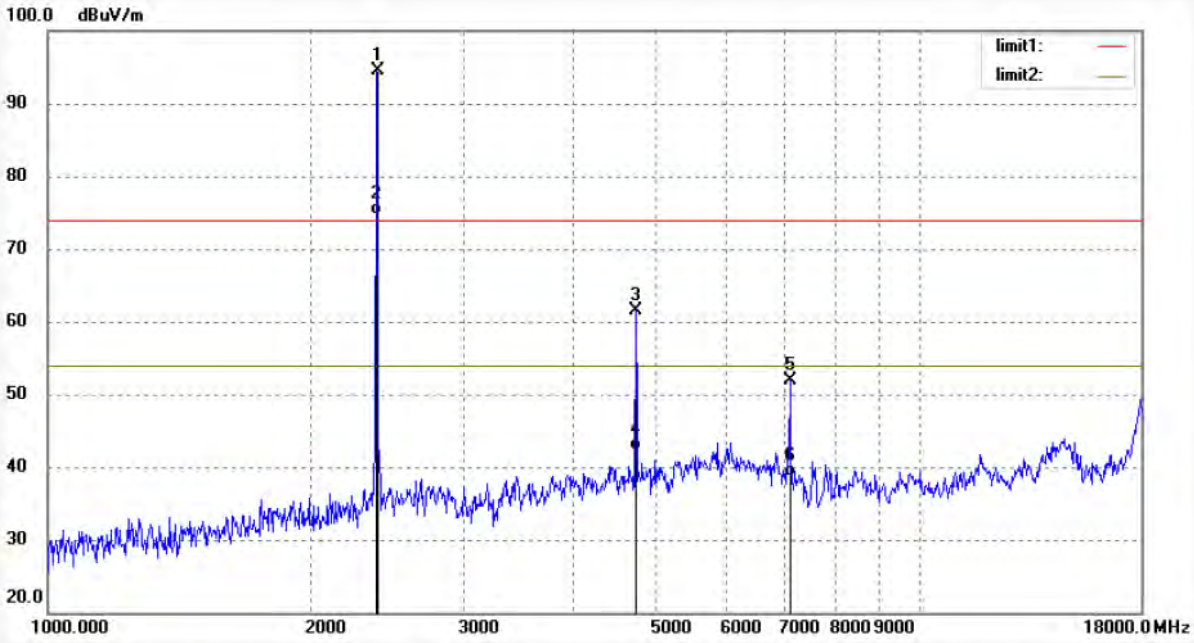
Job No.: RUCKY #330
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 49 %
EUT: 2.4G Wireless Audio Transmitter
Mode: TX2444
Model: W1T1
Manufacturer:FiiO

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 12/11/26/
Time: 8/46/43
Engineer Signature: Ricky
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2444.000	102.02	-7.59	94.43	114.00	-19.57	peak			
2	2444.000	82.32	-7.59	74.73	94.00	-19.27	AVG			
3	4888.000	62.25	-0.71	61.54	74.00	-12.46	peak			
4	4888.000	43.11	-0.71	42.40	54.00	-11.60	AVG			
5	7332.000	48.52	3.33	51.85	74.00	-22.15	peak			
6	7332.000	35.36	3.33	38.69	54.00	-15.31	AVG			

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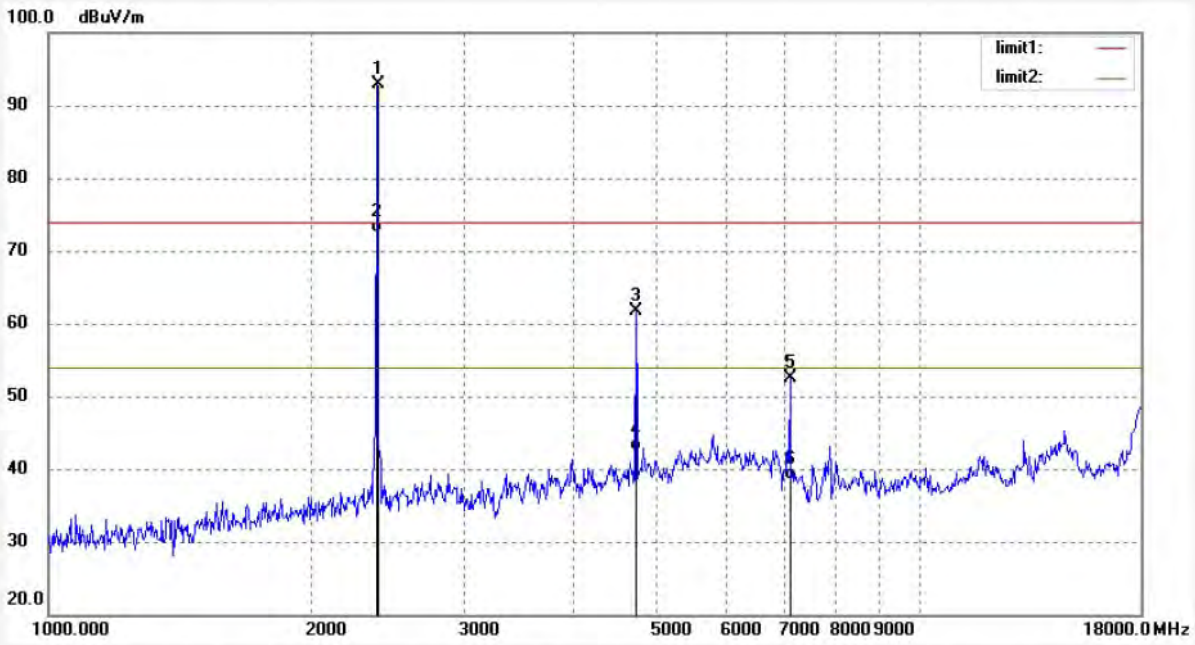
Fax:+86-0755-26503396

Job No.: RUCKY #331
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 49 %
EUT: 2.4G Wireless Audio Transmitter
Mode: TX2479
Model: W1T1
Manufacturer:FiiO

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 12/11/26/
Time: 8/47/53
Engineer Signature: Ricky
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2479.000	100.53	-7.54	92.99	114.00	-21.01	peak			
2	2479.000	80.12	-7.54	72.58	94.00	-21.42	AVG			
3	4958.000	62.46	-0.71	61.75	74.00	-12.25	peak			
4	4958.000	43.15	-0.71	42.44	54.00	-11.56	AVG			
5	7437.000	49.08	3.33	52.41	74.00	-21.59	peak			
6	7437.000	35.22	3.33	38.55	54.00	-15.45	AVG			

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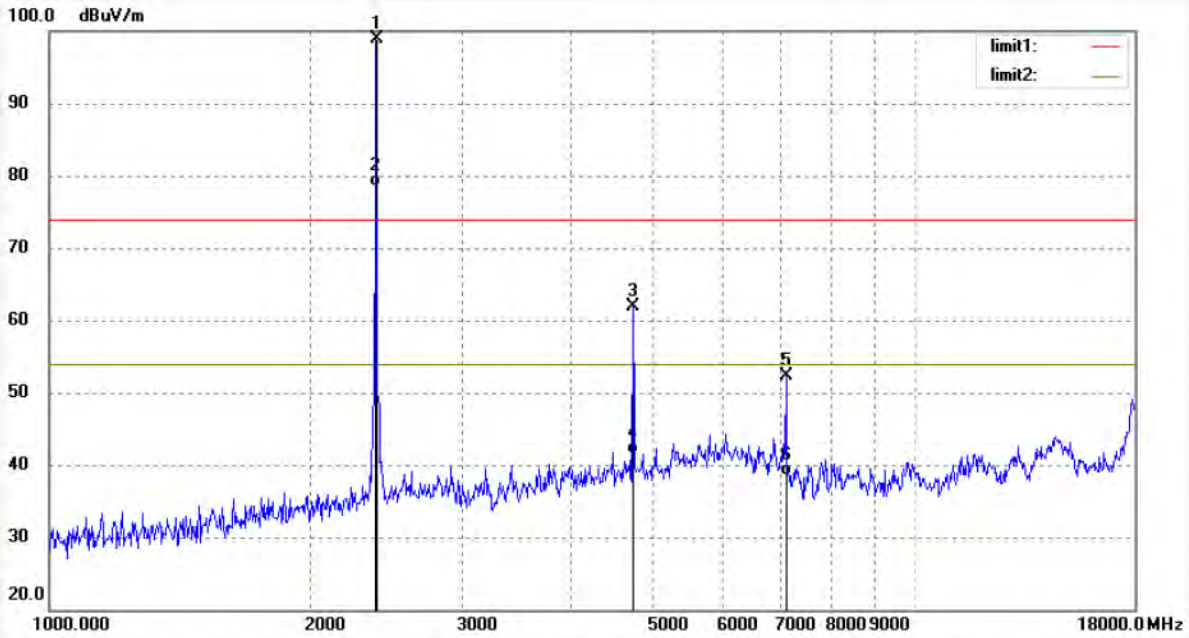
Job No.: RUCKY #332
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 49 %
EUT: 2.4G Wireless Audio Transmitter
Mode: TX2479
Model: W1T1
Manufacturer:FiiO

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 12/11/26/
Time: 8/49/12
Engineer Signature: Ricky
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2479.000	106.51	-7.54	98.97	114.00	-15.03	peak			
2	2479.000	86.12	-7.54	78.58	94.00	-15.42	AVG			
3	4958.000	62.69	-0.71	61.98	74.00	-12.02	peak			
4	4958.000	42.12	-0.71	41.41	54.00	-12.59	AVG			
5	7437.000	49.02	3.33	52.35	74.00	-21.65	peak			
6	7437.000	35.23	3.33	38.56	54.00	-15.44	AVG			

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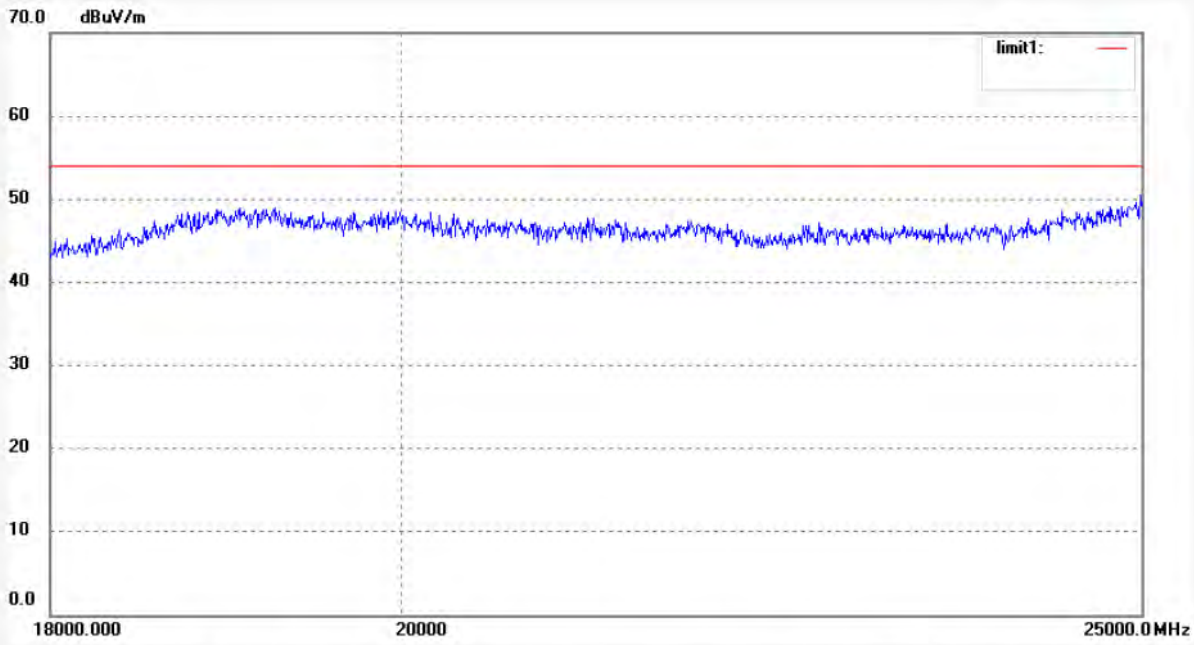
Job No.: Ricky #894	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/12/07
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 11:31:46
EUT: 2.4G Wireless Audio Transmitter	Engineer Signature: Ricky
Mode: TX 2404	Distance: 3m
Model: W1T1	
Manufacturer: FiiO	

Note:



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

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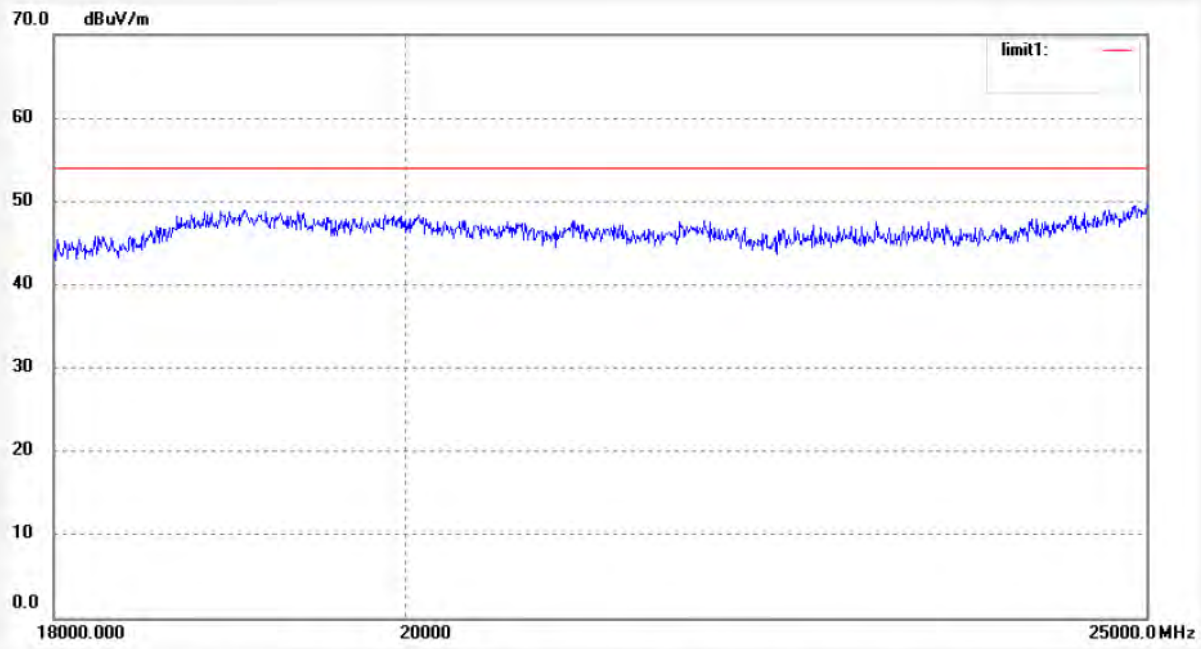
Job No.: Ricky #895	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/12/07
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 11:27:08
EUT: 2.4G Wireless Audio Transmitter	Engineer Signature: Ricky
Mode: TX 2404	Distance: 3m
Model: W1T1	
Manufacturer: FiiO	

Note:



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

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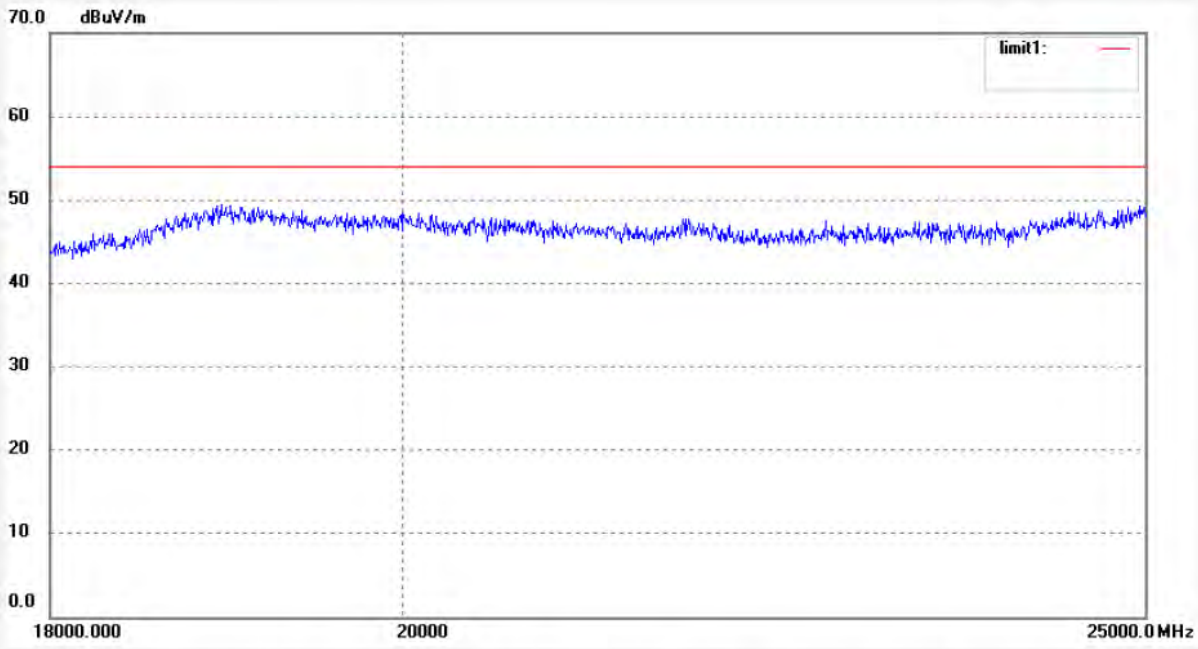
Job No.: Ricky #896	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/12/07
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 11:21:31
EUT: 2.4G Wireless Audio Transmitter	Engineer Signature: Ricky
Mode: TX 2442	Distance: 3m
Model: W1T1	
Manufacturer: FiiO	

Note:



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

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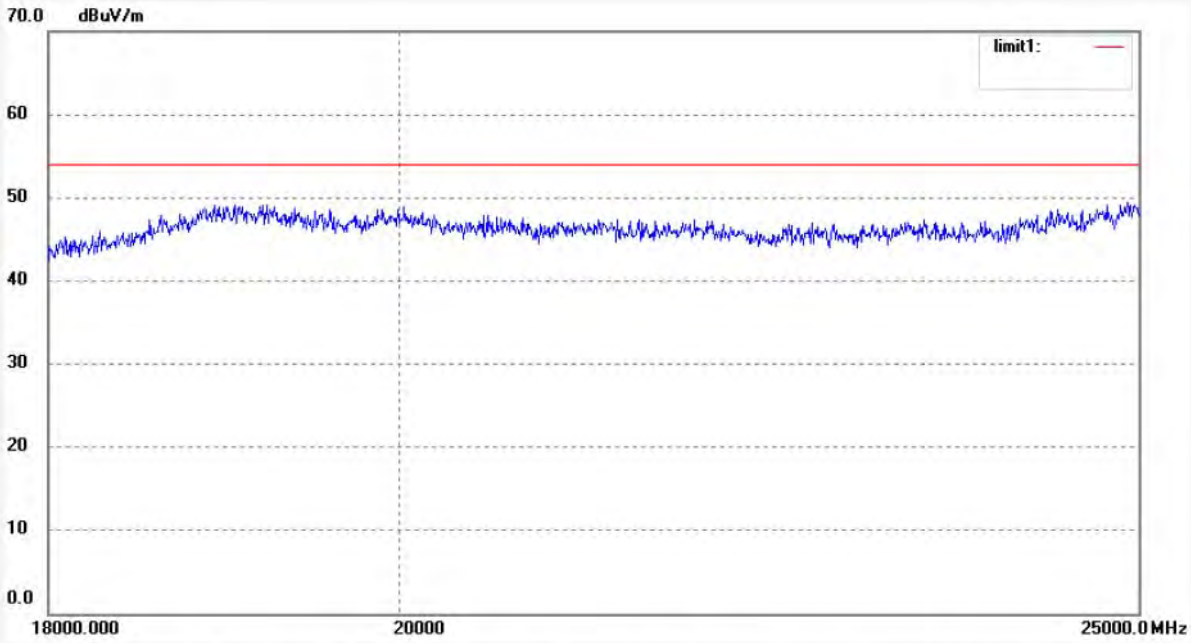
Job No.: Ricky #897	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/12/07
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 11:18:51
EUT: 2.4G Wireless Audio Transmitter	Engineer Signature: Ricky
Mode: TX 2442	Distance: 3m
Model: W1T1	
Manufacturer: FiiO	

Note:



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

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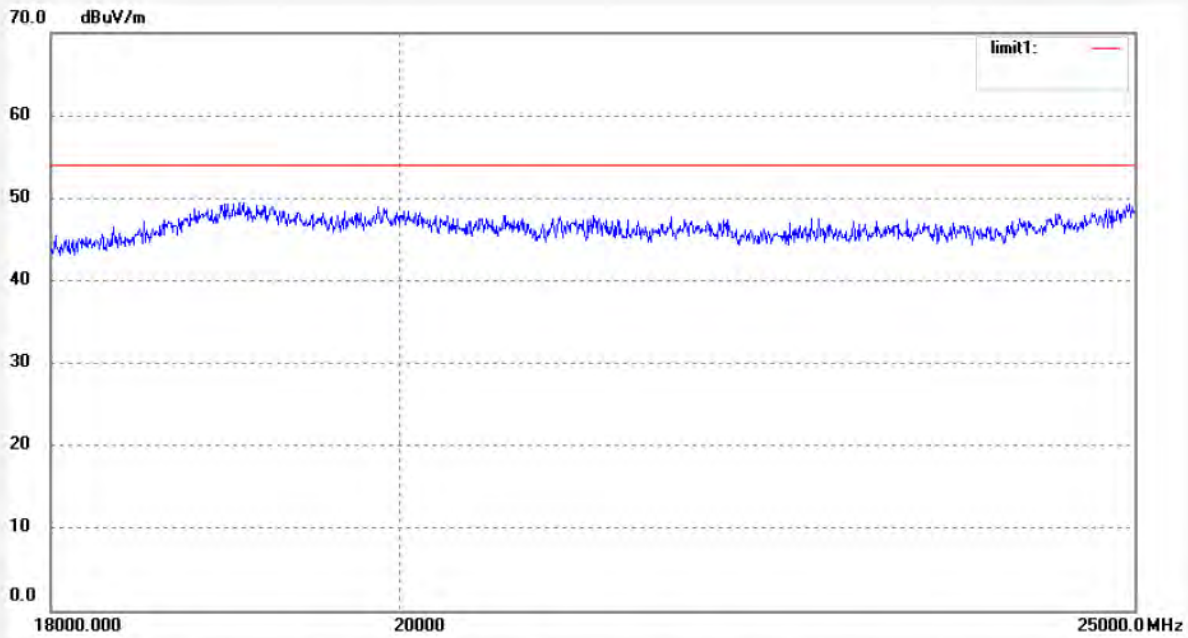
Job No.: Ricky #898	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/12/07
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 11:15:09
EUT: 2.4G Wireless Audio Transmitter	Engineer Signature: Ricky
Mode: TX 2480	Distance: 3m
Model: W1T1	
Manufacturer: FiiO	

Note:



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

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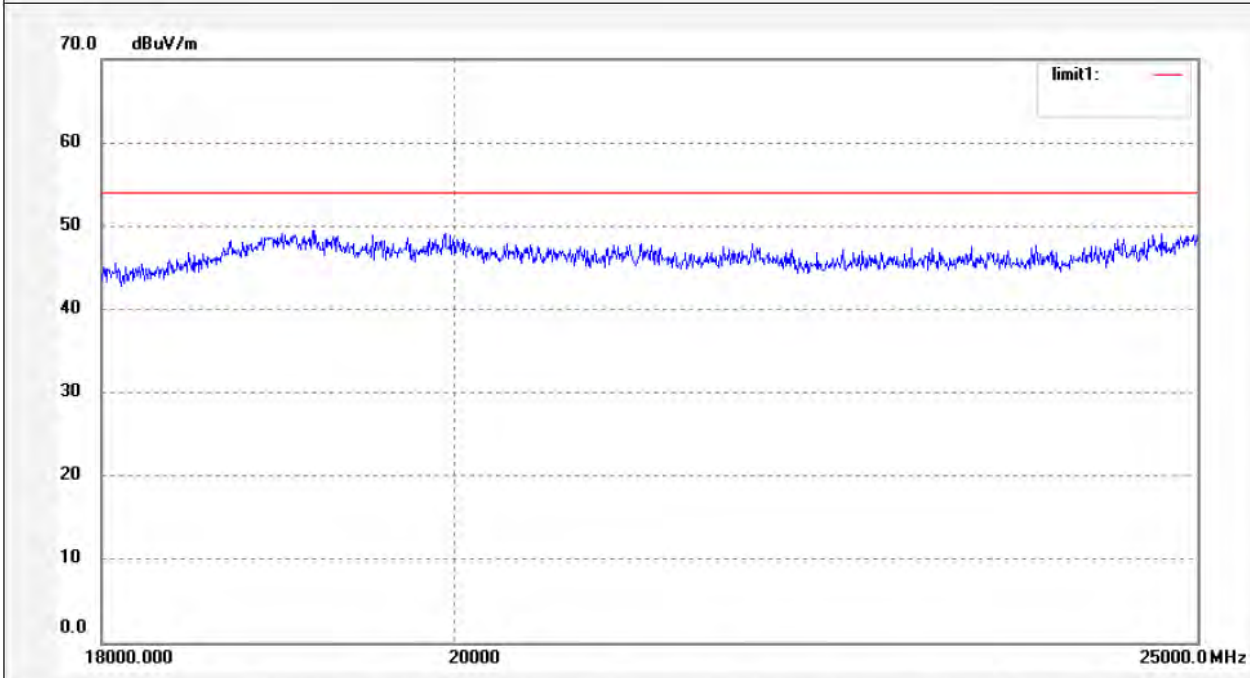
Job No.: Ricky #899	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/12/07
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 11:12:35
EUT: 2.4G Wireless Audio Transmitter	Engineer Signature: Ricky
Mode: TX 2480	Distance: 3m
Model: W1T1	
Manufacturer: FiiO	

Note:



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

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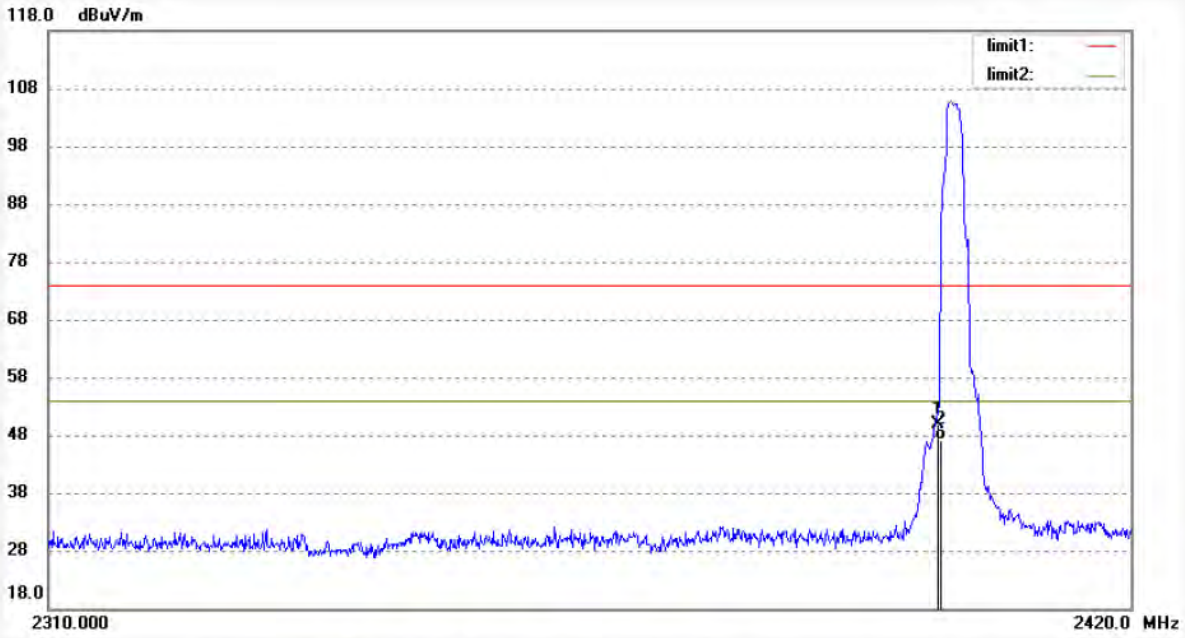
Job No.: RUCKY #961	Polarization: Vertical
Standard: FCC PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/12/08
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 12:07:24
EUT: 2.4G Wireless Audio Transmitter	Engineer Signature: RUCKY
Mode: TX 2404MHz	Distance: 3m
Model: WITI	
Manufacturer: FiiO	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2400.000	57.24	-7.46	49.78	74.00	-24.22	peak			
2	2400.000	54.55	-7.46	47.09	54.00	-6.91	AVG			

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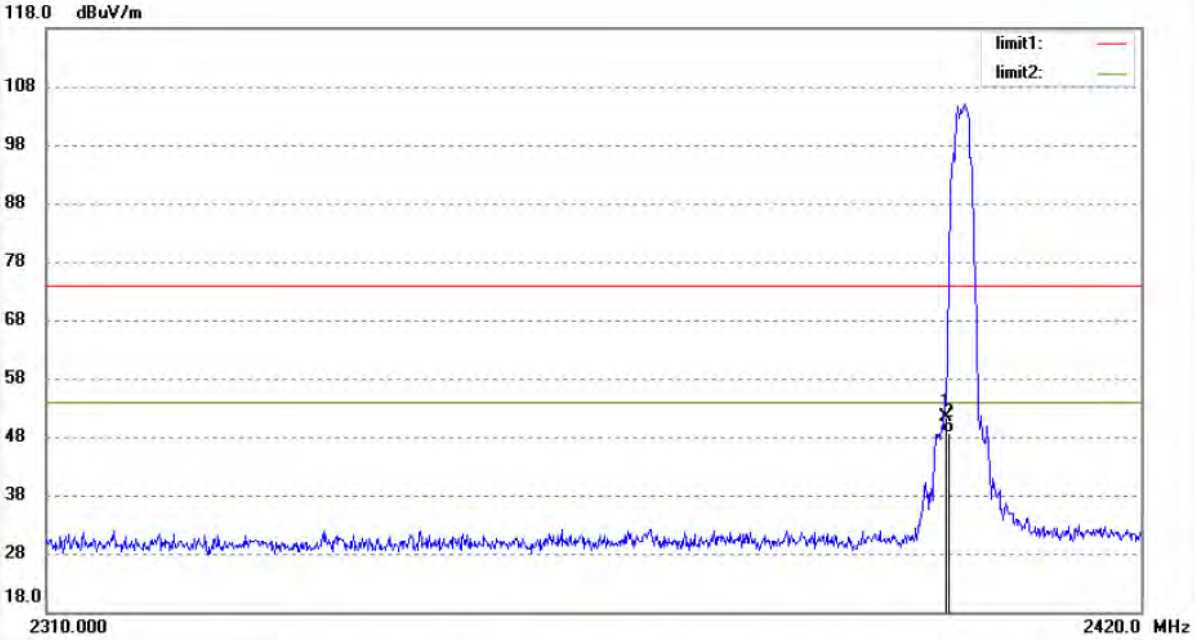
Fax:+86-0755-26503396

Job No.: RUCKY #960
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 49 %
EUT: 2.4G Wireless Audio Transmitter
Mode: TX 2404MHz
Model: W1T1
Manufacturer: FiiO

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/12/09
Time: 12:00:58
Engineer Signature: RUCKY
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2400.000	58.74	-7.46	51.28	74.00	-22.72	peak			
2	2400.000	56.11	-7.46	48.65	54.00	-5.35	AVG			

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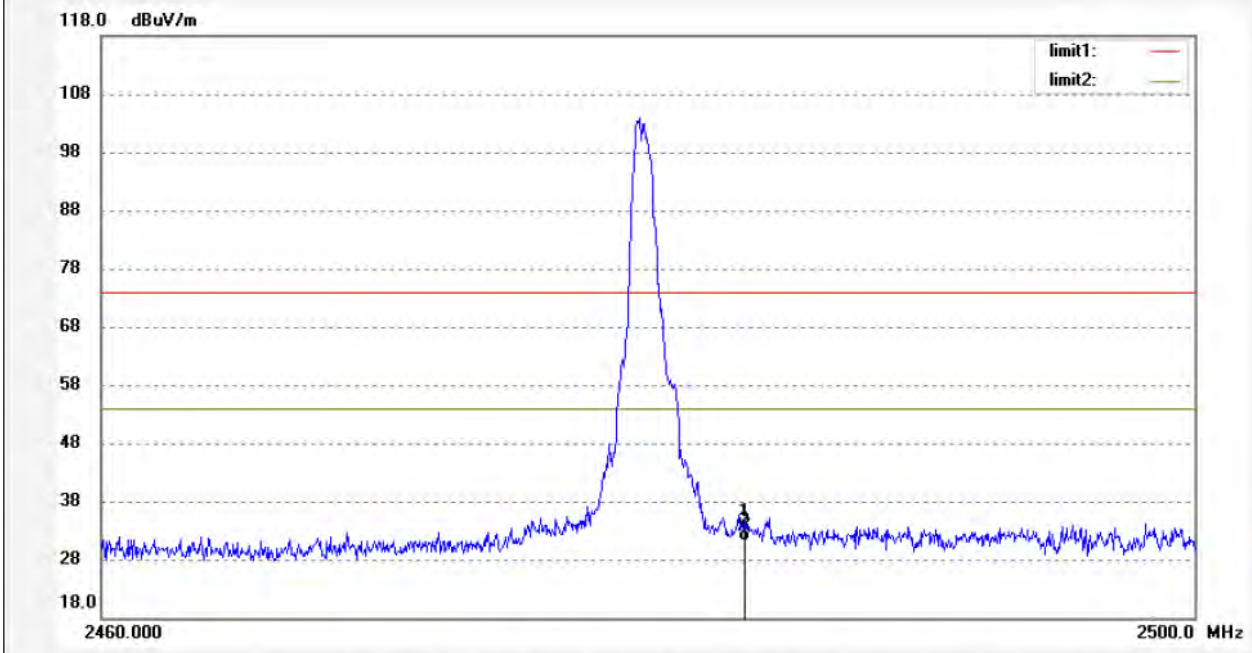
Job No.: RUCKY #959	Polarization: Vertical
Standard: FCC PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/12/08
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 11:56:55
EUT: 2.4G Wireless Audio Transmitter	Engineer Signature: RUCKY
Mode: TX 2480MHz	Distance: 3m
Model: W1T1	
Manufacturer: FiiO	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	40.98	-7.37	33.61	74.00	-40.39	peak			
2	2483.500	38.55	-7.37	31.18	54.00	-22.82	AVG			

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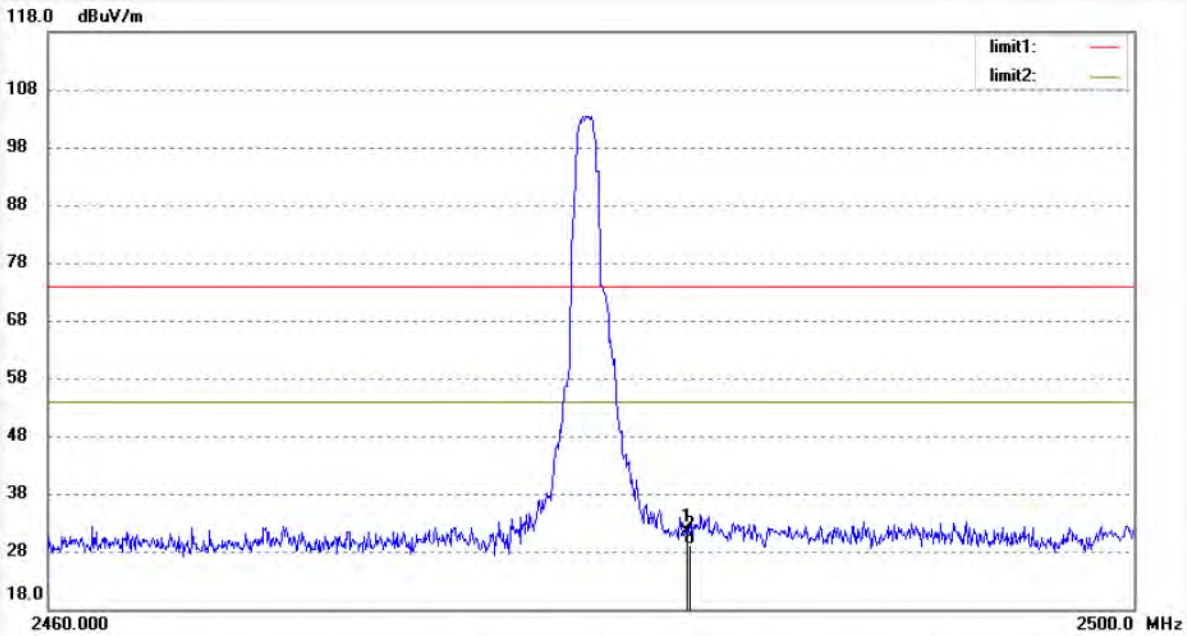
Job No.: RUCKY #958	Polarization: Horizontal
Standard: FCC PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/12/08
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 11:53:22
EUT: 2.4G Wireless Audio Transmitter	Engineer Signature: RUCKY
Mode: TX 2480MHz	Distance: 3m
Model: W1T1	
Manufacturer: FiiO	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	38.78	-7.37	31.41	74.00	-42.59	peak			
2	2483.500	36.57	-7.37	29.20	54.00	-24.80	AVG			