

FCC RADIO TEST REPORT FCC ID: 2ADNRUHF-599

Product: Wireless microphone receiver

Trade Name : <u>Boston Audio</u>

Model Name: UHF-599

Serial Model: N/A

Report No.: BCTC-20141129241F

Prepared for

VEGATV

8943 GARVEY AVENUE, ROSEMEAD CA 91770 U.S.A

Prepared by

Shenzhen BCTC Technology Co., Ltd.

A.Floor 3, 44 Building, Tanglang Industrial Park B, Taoyuan Street, Nanshan District, Shenzhen, China



TEST RESULT CERTIFICATION

Report No.: BCTC-20141129241F

Applicant's name	VEGATV				
Address:	8943 GARVEY AVENUE, ROSEMEAD CA 91770 U.S.A				
Manufacture's Name:	GuangZhou MingPing Electronics Technology Development CO.,Ltd				
Address:	1/F The 3rd Bldg, Tiantianle Ke Ji Yuan, No.13, Ping Bu Dao, Hua Du, Guangzhou, China				
Product description					
Product name:	Wireless microphone receiver				
Model and/or type reference :	UHF-599				
Serial Model:	N/A				
Standards:	FCC Part15B:2013				
Test procedure	ANSI C63.4-2003				
	as been tested by BCTC, and the test results show that the n compliance with the FCC requirements. And it is applicable only n the report.				
	ced except in full, without the written approval of BCTC, this vised by BCTC, personal only, and shall be noted in the revision of				
Date (s) of performance of tests	20Nov. 2014 ~28 Nov. 2014				
Date of Issue	: 28 Nov. 2014				
Test Result	Pass				
Testing Engine	eer : (yan Chen (Lynn Chen)				
Technical Man	nager :(Carlen Liu)				
Authorized Sig	gnatory:				



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1. TEST SUMMARY

Test procedures according to the technical standards:

EMC Emission							
Standard	Test Item	Limit	Judgment	Remark			
FCC Part15B:2013 ANSI C63.4: 2009 FCC Part15.111	Conducted Emission	Class B	PASS				
	Radiated Emission	Class B	PASS				
	Antenna Power Conduc	ction test	PASS				



1.1 TEST FACILITY

BZT Testing Technology Co., Ltd.

Add.:1/F, Building E, Fenda Science Park, Sanwei Community, Xixiang Street, Bao'an District,

Report No.: BCTC-20141129241F

Shenzhen P.R. China.

FCC Registered No.: 701733

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $\mathbf{y} \pm \mathbf{U}$, where expended uncertainty \mathbf{U} is based on a standard uncertainty multiplied by a coverage factor of $\mathbf{k=2}$, providing a level of confidence of approximately 95 % $^{\circ}$

A. Conducted Measurement:

Test Site	Method	Measurement Frequency Range	U , (dB)	NOTE
NTEKC01	ANSI	150 KHz ~ 30MHz	3.2	

B. Radiated Measurement:

Test Site	Method	Measurement Frequency Range	U , (dB)	NOTE
NTEKA01	ANSI	30MHz ~ 1000MHz	4.7	
		1GHz ~6GHz	5.0	



2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	Wireless microphone recei	Wireless microphone receiver			
Brand Name	<u>Boston</u> Audio				
Model Name.	UHF-599				
Serial No	N/A				
Model Difference	N/A				
Product Description		features, or specification al, the EUT is considered as an ore details of EUT technical			
Adapter	Model:SW-120100 AC Power Input: 100-240V~, 50/60Hz Output: 12V , 1A				
Battery	N/A				



2.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

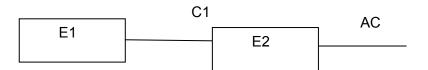
Pretest Mode	Description
Mode 1	640MHz Receiver Mode
Mode 2	670MHz Receiver Mode
Mode 3	690MHz Receiver Mode

For Conducted Test			
Final Test Mode	Description		
Mode 1	640MHz Receiver Mode		
Mode 2	670MHz Receiver Mode		
Mode 3	690MHz Receiver Mode		

For Radiated Test			
Final Test Mode	Description		
Mode 1	640MHz Receiver Mode		
Mode 2	670MHz Receiver Mode		
Mode 3	690MHz Receiver Mode		



2.3 DESCRIPTION OF TEST SETUP





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2.4 DESCRIPTION TEST PERIPHERAL AND EUT PERIPHERAL

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
E-1	Wireless microphone receiver	Boston Audio®	UHF-599	N/A	EUT
E-2	Adapter		SW-120100	N/A	
	_				

Item	Shielded Type	Ferrite Core	Length	Note
C1	No	No	0.9M	DC line

Note:

- The support equipment was authorized by Declaration of Confirmation. (1)
- For detachable type I/O cable should be specified the length in cm in <code>[Length]</code> column. (2)



2.5 MEASUREMENT INSTRUMENTS LIST

Radiation Test equipment

			1				
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibratio n period
1	Spectrum Analyzer	Agilent	E4407B	MY4510804 0	2014.07.06	2015.07.05	1 year
2	Test Receiver	R&S	ESPI	101318	2014.06.07	2015.06.06	1 year
3	Bilog Antenna	TESEQ	CBL6111D	31216	2014.07.06	2015.07.05	1 year
4	50Ω Coaxial Switch	Anritsu	MP59B	620026441 6	2014.06.07	2015.06.06	1 year
5	Spectrum Analyzer	ADVANTEST	R3132	150900201	2014.06.07	2015.06.06	1 year
6	Horn Antenna	EM	EM-AH-101 80	2011071402	2014.07.06	2015.07.05	1 year
7	Horn Ant	Schwarzbeck	BBHA 9170	9170-181	2014.07.06	2015.07.05	1 year
8	Amplifier	EM	EM-30180	060538	2014.12.22	2015.12.21	1 year
9	Loop Antenna	ARA	PLA-1030/B	1029	2014.06.08	2015.06.07	1 year
10	Power Meter	R&S	NRVS	100696	2014.07.06	2015.07.05	1 year
11	Power Sensor	R&S	URV5-Z4	0395.1619. 05	2014.07.06	2015.07.05	1 year

Conduction Test equipment

00110	Solidaction rest equipment							
Item	Kind of Equipment	Manufactu rer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period	
1	Test Receiver	R&S	ESCI	101160	2014.06.06	2015.06.05	1 year	
2	LISN	R&S	ENV216	101313	2014.08.24	2015.08.23	1 year	
3	LISN	EMCO	3816/2	00042990	2014.08.24	2015.08.23	1 year	
4	50Ω Coaxial Switch	Anritsu	MP59B	6200264417	2014.06.07	2015.06.06	1 year	
5	Passive Voltage Probe	R&S	ESH2-Z3	100196	2014.06.07	2015.06.06	1 year	
6	Absorbing clamp	R&S	MOS-21	100423	2014.06.08	2015.06.07	1 year	



3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION (Frequency Range 150KHz-30MHz)

	Class A (dBuV)		Class B (dBuV)		
FREQUENCY (MHz)	Quasi-peak	Average	Quasi-peak	Average	
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	
0.50 -5.0	73.00	60.00	56.00	46.00	
5.0 -30.0	73.00	60.00	60.00	50.00	

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz



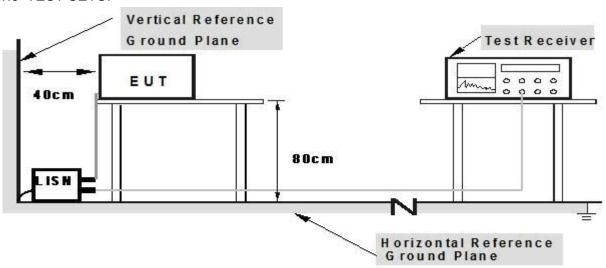
3.1.2 TEST PROCEDURE

a. The EUT was placed 0.4 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.

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- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

3.1.3 TEST SETUP



Note: 1.Support units were connected to second LISM.

2.Both of LISMs (AMM) are 80 cm from EUT and at least 80 from other units and other metal planes

3.1.4 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **2.3** Unless otherwise a special operating condition is specified in the follows during the testing.



3.1.5 TEST RESULTS

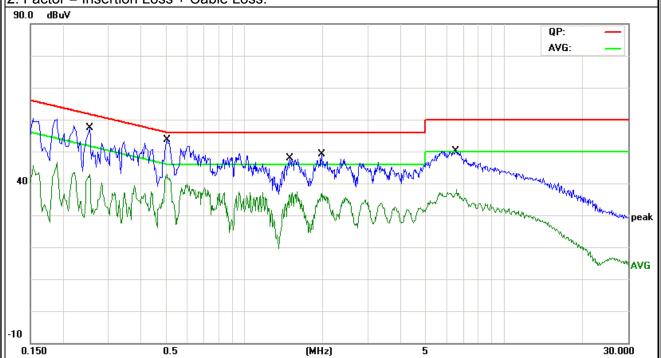
EUT:	Wireless microphone receiver	Model Name. :	UHF-599
Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	1010hPa	Phase :	L
Test Voltage :	AC120V/60Hz	Test Mode:	Mode 1

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Dotootor Typo
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Detector Type
0.2540	47.25	10.02	57.27	61.62	-4.35	QP
0.2540	32.92	10.02	42.94	51.62	-8.68	AVG
0.5060	43.53	10.02	53.55	56.00	-2.45	QP
0.5060	32.85	10.02	42.87	46.00	-3.13	AVG
1.5020	37.70	10.06	47.76	56.00	-8.24	QP
1.5020	26.34	10.06	36.40	46.00	-9.60	AVG
1.9858	38.95	10.06	49.01	56.00	-6.99	QP
1.9858	26.91	10.06	36.97	46.00	-9.03	AVG

Remark:

All readings are Quasi-Peak and Average values.
 Factor = Insertion Loss + Cable Loss.







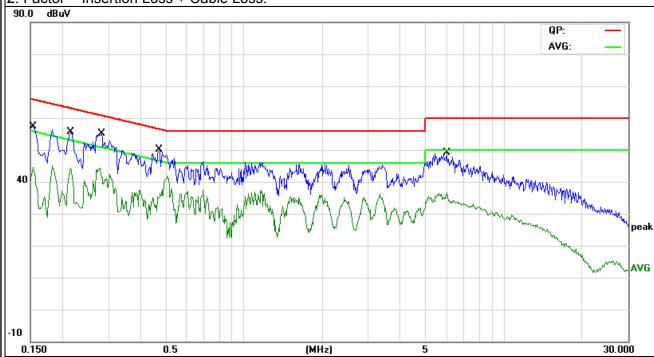
EUT:	Wireless microphone receiver	Model Name. :	UHF-599
Temperature :	26 ℃	Relative Humidity:	54%
Pressure :	1010hPa	Phase :	N
Test Voltage :	AC120V/60Hz	Test Mode:	Mode 1

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Dotootor Typo
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Detector Type
0.1539	47.23	10.12	57.35	65.78	-8.43	QP
0.1539	34.58	10.12	44.70	55.78	-11.08	AVG
0.2140	45.40	10.12	55.52	63.04	-7.52	QP
0.2140	34.28	10.12	44.40	53.04	-8.64	AVG
0.2819	45.05	10.09	55.14	60.76	-5.62	QP
0.2819	31.36	10.09	41.45	50.76	-9.31	AVG
0.4700	40.17	10.03	50.20	56.51	-6.31	QP
0.4700	25.08	10.03	35.11	46.51	-11.40	AVG

Remark:

All readings are Quasi-Peak and Average values.
 Factor = Insertion Loss + Cable Loss.





NOTE: All modes were tested, Only the worst data was shown.



3.2 RADIATED EMISSION MEASUREMENT

3.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

	Class A (at 10m)	Class B (at 3m)
FREQUENCY (MHz)	dBuV/m	dBuV/m
30 ~ 88	39.0	40.0
88 ~ 216	43.5	43.5
216 ~ 960	46.5	46.0
Above 960	49.5	54.0

Notes:

- (1) The limit for radiated test was performed according to as following: FCC PART 15B /ICES-003.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

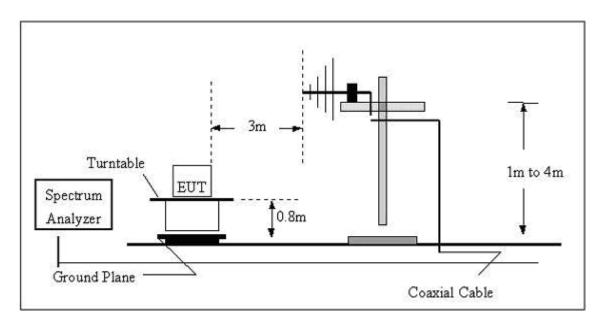
3.2.2 TEST PROCEDURE

- a. The measuring distance of at 10 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 10 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured, above 1G Average detector mode will be
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP(AV) Limits and then no additional QP Mode measurement
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

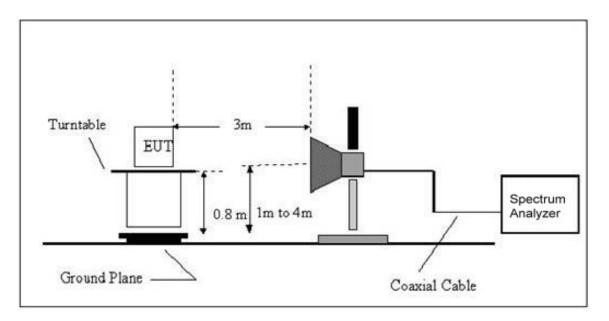


3.2.3 TEST SETUP

(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



(B) Radiated Emission Test Set-Up Frequency Above 1GHz



3.2.4 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.



3.2.5 TEST RESULTS(Blow 30MHZ)

EUT:	Wireless microphone receiver	Model Name :	UHF-599
Temperature :	20 ℃	Relative Humidtity:	48%
Pressure :	1010 hPa	Test Voltage :	AC120V
Test Mode :	Mode 1/2/3	Polarization :	

Report No.: BCTC-20141129241F

Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
				PASS
				PASS

NOTE:

- 1.The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.
- 2.Distance extrapolation factor =40 log (specific distance/test distance)(dB);
- 3.Limit line = specific limits(dBuv) + distance extrapolation factor.



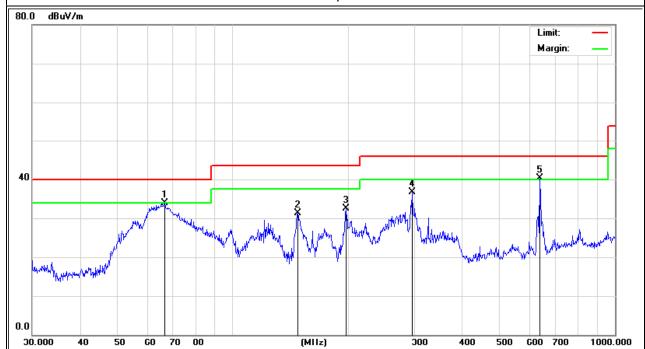
3.2.6 TEST RESULTS(30MHZ-1GHZ)

EUT:	Wireless microphone receiver	Model Name :	UHF-599
Temperature :	20 ℃	Relative Humidity:	48%
Pressure :	1010 hPa	Test Voltage :	AC120V
Test Mode :	Mode 1	Polarization :	Horizontal

Report No.: BCTC-20141129241F

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
66.4989	50.01	-16.11	33.9	40	-6.1	QP
147.9214	45.3	-13.93	31.37	43.5	-12.13	QP
197.8928	49.51	-16.93	32.58	43.5	-10.92	QP
296.1836	50.12	-13.34	36.78	46	-9.22	QP
640.134	45.96	-5.56	40.4	46	-5.6	QP
66.4989	50.01	-16.11	33.9	40	-6.1	QP

Remark:

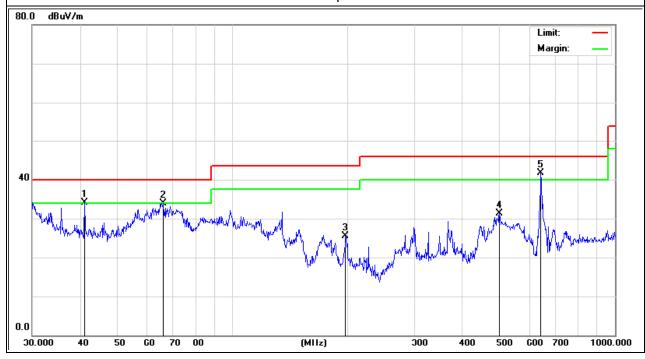




EUT:	Wireless microphone receiver	Model Name :	UHF-599
Temperature :	20 ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	AC120V
Test Mode :	Mode 1	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
41.1319	49.56	-15.36	34.20	40.00	-5.80	QP
66.0340	49.93	-15.99	33.94	40.00	-6.06	QP
197.1999	42.49	-16.90	25.59	43.50	-17.91	QP
499.4245	39.71	-8.45	31.26	46.00	-14.74	QP
640.6109	47.19	-5.49	41.70	46.00	-4.30	QP

Remark:





EUT: Wireless microphone receiver Model Name: UHF-599

Temperature: 20 °C Relative Humidity: 48%

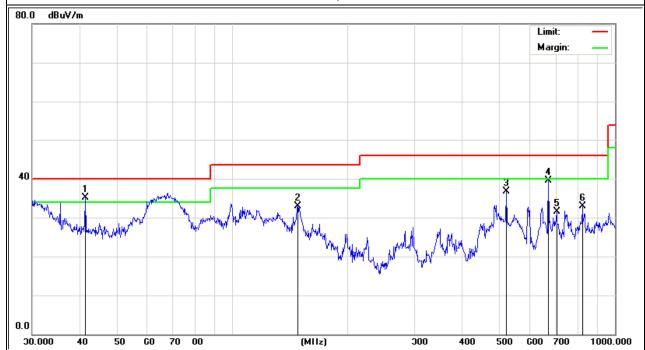
Pressure: 1010 hPa Test Voltage: AC120V

Test Mode: Mode 2 Polarization: Horizontal

Report No.: BCTC-20141129241F

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Datastar Tuna
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
41.2764	50.46	-15.36	35.10	40.00	-4.90	QP
147.9214	46.74	-13.93	32.81	43.50	-10.69	QP
520.8881	44.73	-8.04	36.69	46.00	-9.31	QP
670.0892	44.67	-5.07	39.60	46.00	-6.40	QP
704.2260	35.99	-4.56	31.43	46.00	-14.57	QP
821.7103	35.45	-2.55	32.90	46.00	-13.10	QP

Remark:





EUT: Wireless microphone receiver Model Name: UHF-599

Temperature: 20 °C Relative Humidity: 48%

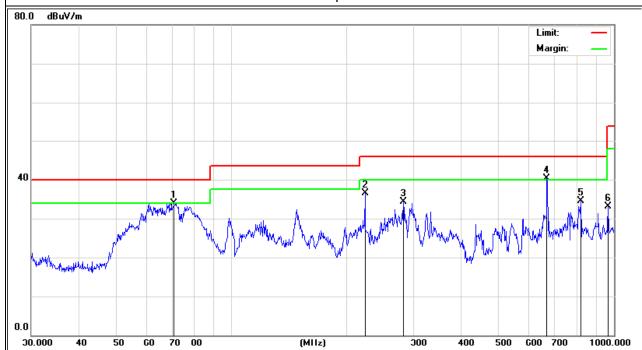
Pressure: 1010 hPa Test Voltage: AC120V

Test Mode: Mode 2 Polarization: Vertical

Report No.: BCTC-20141129241F

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Datastar Tuna
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
70.8315	51.22	-17.22	34.00	40.00	-6.00	QP
222.9501	52.69	-16.27	36.42	46.00	-9.58	QP
281.9945	48.07	-13.73	34.34	46.00	-11.66	QP
670.0422	45.40	-5.10	40.30	46.00	-5.70	QP
818.8341	37.09	-2.57	34.52	46.00	-11.48	QP

Remark:





EUT: Wireless microphone receiver Model Name: UHF-599

Temperature: 20 °C Relative Humidity: 48%

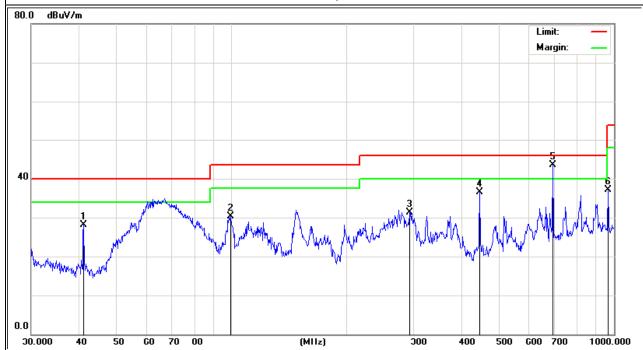
Pressure: 1010 hPa Test Voltage: AC120V

Test Mode: Mode 3 Polarization: Horizontal

Report No.: BCTC-20141129241F

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
41.1319	43.56	-15.36	28.20	40.00	-11.80	QP
99.5279	47.99	-17.60	30.39	40.00	-9.61	QP
293.0842	44.68	-13.43	31.25	47.00	-15.75	QP
446.4141	45.88	-9.42	36.46	47.00	-10.54	QP
690.0867	48.27	-4.77	43.50	47.00	-3.50	QP
965.5421	37.71	-0.63	37.08	47.00	-9.92	QP

Remark:

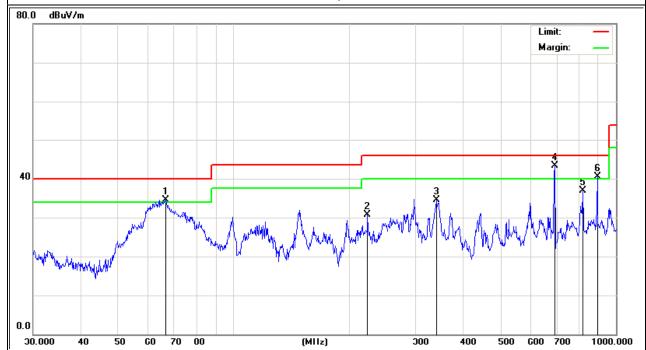




EUT:	Wireless microphone receiver	Model Name :	UHF-599
Temperature :	20 ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	AC120V
Test Mode :	Mode 3	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Datastar Tuna
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
66.4989	50.67	-16.11	34.56	40.00	-5.44	QP
223.7333	46.93	-16.23	30.70	40.00	-9.30	QP
339.5887	46.71	-12.14	34.57	47.00	-12.43	QP
690.0867	48.07	-4.77	43.30	47.00	-3.70	QP
818.8341	39.47	-2.57	36.90	818.8342	-10.10	QP
893.8567	42.39	-1.83	40.56	893.8568	-6.44	QP

Remark:





3.2.7 TEST RESULTS(1GHz-7GHz)

EUT:	Wireless microphone receiver	Model Name :	UHF-599
Temperature :	20 ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	AC120V
Test Mode :	Mode1	Polarization :	Horizontal

Report No.: BCTC-20141129241F

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
1280.43	51.92	-9.89	42.03	54	-11.97	peak
1920.883	51.69	-6.71	44.98	54	-9.02	peak

Remark:

1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

EUT:	Wireless microphone receiver	Model Name :	UHF-599
Temperature :	20 ℃	Relative Humidity:	48%
Pressure :	1010 hPa	Test Voltage :	AC120V
Test Mode :	Mode1	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Datastar Tuna
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
1280.43	52.23	-9.89	42.34	54	-11.66	peak
1920.883	53.18	-6.71	46.47	54	-7.53	peak

Remark:



EUT:	Wireless microphone receiver	Model Name :	UHF-599
Temperature :	20 ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	AC120V
Test Mode :	Mode 2	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Dotoctor Typo
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
1340.43	50.9	-9.24	41.66	54	-12.34	peak
2010.883	50.64	-6.87	43.77	54	-10.23	peak

Remark:

1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

EUT:	Wireless microphone receiver	Model Name :	UHF-599
Temperature :	20 ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	AC120V
Test Mode :	Mode 2	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Dotostor Typo
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
1340.43	52.19	-9.24	42.95	54	-11.05	peak
2010.883	51.46	-6.87	44.59	54	-9.41	peak

Remark:



EUT:	Wireless microphone receiver	Model Name :	UHF-599
Temperature :	20 ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	AC120V
Test Mode :	Mode 3	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Dotoctor Typo
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
1380.43	52.45	-9.78	42.66	54	-11.34	peak
2070.883	53.64	-7.03	46.61	54	-7.39	peak

Remark:

1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

EUT:	Wireless microphone receiver	Model Name :	UHF-599
Temperature :	20 ℃	Relative Humidity:	48%
Pressure :	1010 hPa	Test Voltage :	AC120V
Test Mode :	Mode 3	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Dotootor Typo
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector Type
2796.783	52.78	-9.78	43.00	54	-11.00	peak
4245.883	50.98	-7.03	43.95	54	-10.05	peak

Remark:



4. ANTENNA POWER CONDUCTION TEST

Testing was carried out at the receiver antenna terminal.

A spectrum analyser was directly connected to the antenna port using a 50 ohm coaxial cable.

Measurements were carried out up to the 2nd harmonic of the highest Frequency which is 1380 MHz.

EUT:	Wireless microphone receiver	Model Name :	UHF-599
Temperature :	20 ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	AC120V
Test Mode :	Mode 1		

Frequency	Level	Limit	Margin
(MHz)	(dBm)	(dBm)	(dB)
160.0000	-93.9	-57	36.9
320.0000	-87.8	-57	30.8
480.0000	-87.6	-57	30.6
640.0000	-83.1	-57	26.1
800.0000	-96.8	-57	39.8
960.0000	-93.5	-57	36.5
1120.0000	-94.1	-57	37.1

EUT:	Wireless microphone receiver	Model Name :	UHF-599
Temperature:	20 ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage :	AC120V
Test Mode :	Mode 2		

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)
` '	,	,	` '
160.0000	-94.5	-57	37.5
320.0000	-88.4	-57	31.4
480.0000	-87.3	-57	30.3
640.0000	-84.2	-57	27.2
800.0000	-95.1	-57	38.1
960.0000	-94.2	-57	37.2
1120.0000	-95.2	-57	38.2



EUT: Wireless microphone receiver Model Name: UHF-599

Temperature: 20 °C Relative Humidity: 48%

Pressure: 1010 hPa Test Voltage: AC120V

Test Mode: Mode3

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Frequency	Level	Limit	Margin
(MHz)	(dBm)	(dBm)	(dB)
160.0000	-94.5	-57	37.5
320.0000	-89.3	-57	32.3
480.0000	-88.6	-57	31.6
640.0000	-84.7	-57	27.7
800.0000	-95.2	-57	38.2
960.0000	-94.3	-57	37.3
1120.0000	-93.7	-57	36.7

A limit of -57 dBm or 2 uW was applied.

Result: Complies.



5. EUT TEST PHOTO











