

FCC Test Report

FCC ID:LNQSBWD60A

Product : ScreenBeam Mini2 Wireless Display Receiver

Trade Name : Actiontec

Model Name : SBWD60A

Serial Model : N/A

Report No. : NTEK-2014NT07091105F2

Prepared for

Actiontec Electronics, Inc.

760 North Mary Ave., Sunnyvale, California 94085 United States

Prepared by

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TEST RESULT CERTIFICATION

Applicant's name : Actiontec Electronics, Inc.
Address : 760 North Mary Ave., Sunnyvale, California 94085 United States
Manufacturer's Name : Actiontec Electronics, Inc.
Address : 760 North Mary Ave., Sunnyvale, California 94085 United States

Product description

Product name : ScreenBeam Mini2 Wireless Display Receiver
Model and/or type reference : SBWD60A
Serial Model : N/A

FCC Part15B 01 Oct. 2013

Standards : ANSI C63.4:2003
ICES-003 Issue 5 August 2012

This device described above has been tested by NTEK, and the test results show that the equipment under test (EUT) is in compliance with Part 15 of FCC Rules. And it is applicable only to the tested sample identified in the report.

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Date of Test :
Date (s) of performance of tests : 09 Jul. 2014 ~26 Jul. 2014
Date of Issue : 26 Jul. 2014
Test Result : **Pass**

Testing Engineer : Kyle Xu
(Kyle Xu)

Technical Manager : Brown Lu
(Brown Lu)

Authorized Signatory : Bill Yao
(Bill Yao)

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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: 2003 ICES-003 Issue 5 August 2012	Conducted Emission	Class B	PASS	
	Radiated Emission	Class B	PASS	

NOTE:

- (1) 'N/A' denotes test is not applicable in this Test Report
- (2) For client's request and manual description, the test will not be executed.

1.1 TEST FACILITY

NTEK Testing Technology Co., Ltd

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

FCC Registration Number:238937; IC Registration Number:9270A-1

CNAS Registration Number:L5516

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95 %.

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	ScreenBeam Mini2 Wireless Display Receiver	
Model Name	SBWD60A	
Additional Model Number(s)	N/A	
Model Difference	N/A	
Product Description	The EUT is a ScreenBeam Mini2 Wireless Display Receiver.	
	Operating frequency:	40MHz
	Connecting I/O port:	HDMI,USB
Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual.		
Adapter	Adapter 1: Mode: MU05B2050100-A1 Input: 100-240V~, 50/60Hz, 0.3A Output: 5V $\overline{\text{---}}$, 1.0A	
	Adapter 2: Mode: SC050100-US Input: 100-240V~, 50/60Hz, 0.4A Output: 5V $\overline{\text{---}}$, 1000mA	
Rating	Adapter 1: DC 5V,1.0A Adapter 2: DC 5V,1000mA	
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.

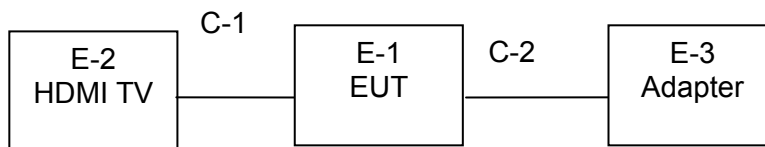
Pretest Mode	Description
Mode 1	Running

For Conducted Test	
Final Test Mode	Description
Mode 1	Running

For Radiated Test	
Final Test Mode	Description
Mode 1	Running

2.3 DESCRIPTION OF TEST SETUP

Mode 1:Mode 1



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	Brand	Model/Type No.	Series No.	Note
E-1	ScreenBeam Mini2 Wireless Display Receiver	Actiontec	SBWD60A	N/A	EUT
E-2	TV	SONY	KDL-24EX520	N/A	
E-3	Adapter 1	Actiontec	MU05B2050100-A1	N/A	
E-3	Adapter 2	Actiontec	SC050100-US	N/A	

Item	Shielded Type	Ferrite Core	Length	Note
C-1	NO	NO	100cm	
C-2	NO	NO	80cm	

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in 『Length』 column.
- (3) “YES” means “shielded” “with core”; “NO” means “unshielded” “without core”.

2.5 MEASUREMENT INSTRUMENTS LIST

2.5.1 CONDUCTED TEST SITE

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	LISN	R&S	ENV216	101313	Jul. 06, 2014	Jul. 05, 2015	1 year
2	LISN	SCHWARZBECK	NNLK 8129	8129245	Dec. 25, 2013	Dec. 24, 2014	1 year
3	Pulse Limiter	SCHWARZBECK	VTSD 9561F	9716	Dec. 25, 2013	Dec. 24, 2014	1 year
4	50Ω Switch	ANRITSU CORP	MP59B	6200983704	Jul. 06, 2014	Jul. 05, 2015	1 year
5	Test Cable	N/A	C01	N/A	Jul. 06, 2014	Jul. 05, 2015	1 year
6	Test Cable	N/A	C02	N/A	Jul. 06, 2014	Jul. 05, 2015	1 year
7	Test Cable	N/A	C03	N/A	Jul. 06, 2014	Jul. 05, 2015	1 year
8	EMI Test Receiver	R&S	ESCI	101160	Jul. 06, 2014	Jul. 05, 2015	1 year
9	Passive Voltage Probe	ESH2-Z3	R&S	100196	Jul. 06, 2014	Jul. 05, 2015	1 year
10	Triple-Loop Antenna	EVERFINE	LIA-2	11020003	Jul. 06, 2014	Jul. 05, 2015	1 year
11	Absorbing Clamp	R&S	MDS-21	100423	Jul. 08, 2014	Jul. 07, 2015	1 year

2.5.2 RADIATED TEST SITE

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	Bilog Antenna	TESEQ	CBL6111D	31216	Jul. 06, 2014	Jul. 05, 2015	1 year
2	Test Cable	N/A	R-01	N/A	Dec. 25, 2013	Dec. 24, 2014	1 year
3	Test Cable	N/A	R-02	N/A	Dec. 25, 2013	Dec. 24, 2014	1 year
4	EMI Test Receiver	R&S	ESCI-7	101318	Jul. 06, 2014	Jul. 05, 2015	1 year
5	Antenna Mast	EM	SC100_1	N/A	N/A	N/A	N/A
6	Turn Table	EM	SC100	060531	N/A	N/A	N/A
7	50Ω Switch	Anritsu Corp	MP59B	6200983705	Jul. 06, 2014	Jul. 05, 2015	1 year
8	Spectrum Analyzer	Aglient	E4407B	MY45108040	Jul. 06, 2014	Jul. 05, 2015	1 year
9	Horn Antenna	EM	EM-AH-10180	2011071402	Jul. 06, 2014	Jul. 05, 2015	1 year
10	Amplifier	EM	EM-30180	060538	Jul. 06, 2014	Jul. 05, 2015	1 year

3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

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

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	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.

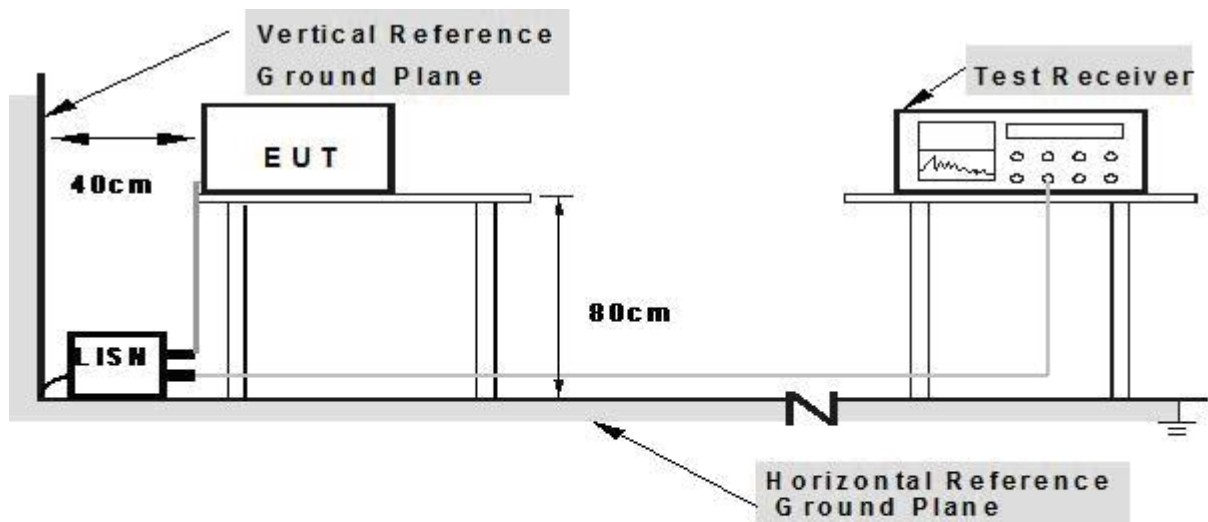
The following table is the setting of the receiver

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 0.8 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.
- 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 LISN.

2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm 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.

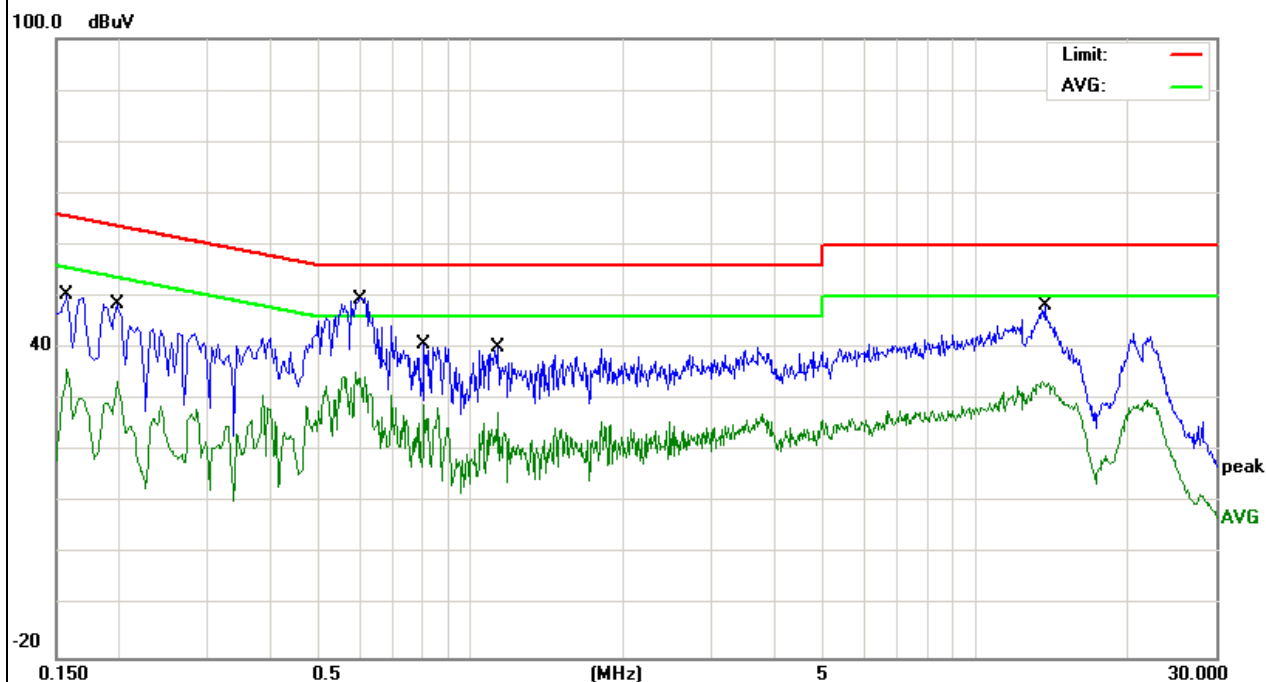
3.1.5 TEST RESULTS

EUT :	ScreenBeam Mini2 Wireless Display Receiver	Model Name. :	SBWD60A
Temperature :	26 °C	Relative Humidity :	54%
Pressure :	1010hPa	Test Date :	2014-07-25
Test Mode :	Mode 1	Phase :	L
Test Voltage :	DC 5V From Adapter AC120V/60Hz- Adapter 1		

Freq. (MHz)	Reading (dBuV)	Factor (dBuV)	Measurement (dBuV)	Limit (dBuV)	Over (dB)	Remark
0.1580	40.62	9.63	50.25	65.56	-15.31	QP
0.1580	26.21	9.63	35.84	55.56	-19.72	AVG
0.1980	39.07	9.51	48.58	63.69	-15.11	QP
0.1980	24.02	9.51	33.53	53.69	-20.16	AVG
0.5899	39.03	9.53	48.56	56.00	-7.44	QP
0.5899	25.81	9.53	35.34	46.00	-10.66	AVG
0.8059	31.30	9.54	40.84	56.00	-15.16	QP
0.8059	19.50	9.54	29.04	46.00	-16.96	AVG
1.1300	30.64	9.55	40.19	56.00	-15.81	QP
1.1300	17.99	9.55	27.54	46.00	-18.46	AVG
13.6019	37.66	9.81	47.47	60.00	-12.53	QP
13.6019	23.79	9.81	33.60	50.00	-16.40	AVG

Remark:

Factor = Insertion Loss + Cable Loss.

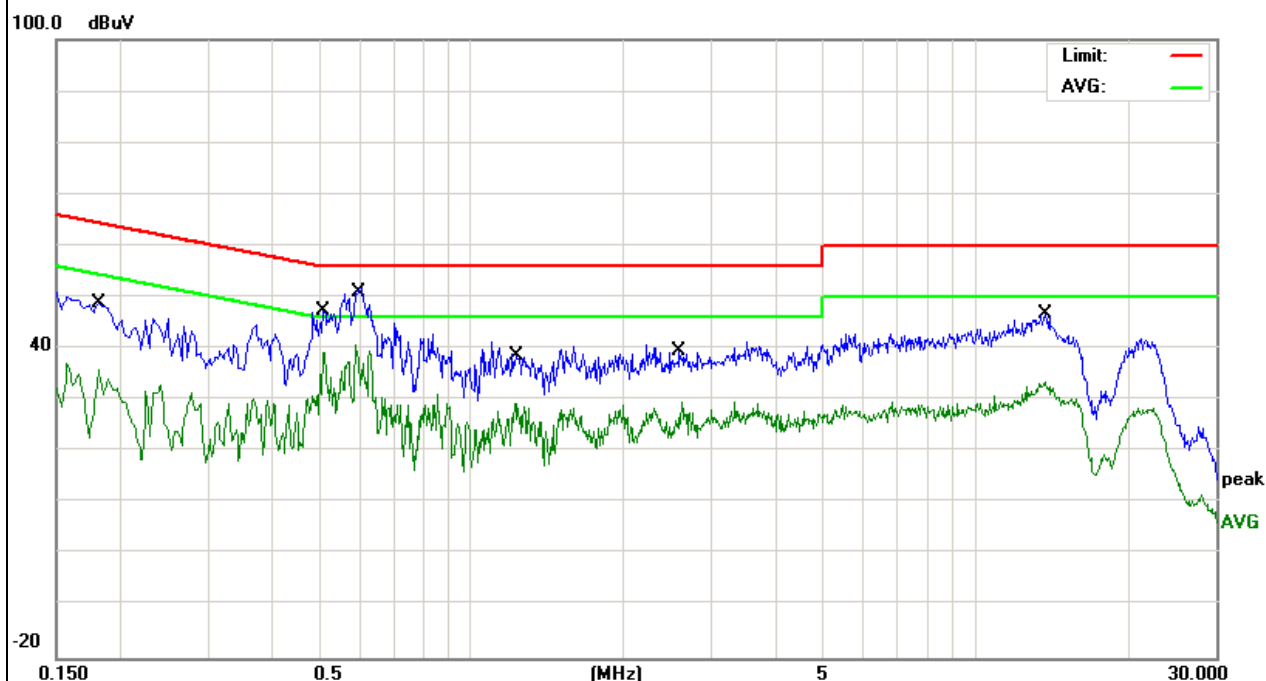


EUT :	ScreenBeam Mini2 Wireless Display Receiver	Model Name. :	SBWD60A
Temperature :	26 °C	Relative Humidity :	54%
Pressure :	1010hPa	Test Date :	2014-07-25
Test Mode :	Mode 1	Phase :	N
Test Voltage :	DC5V From Adapter AC120V/60Hz- Adapter 1		

Freq. (MHz)	Reading (dBuV)	Factor (dBuV)	Measurement (dBuV)	Limit (dBuV)	Over (dB)	Remark
0.1819	39.32	9.56	48.88	64.39	-15.51	QP
0.1819	26.40	9.56	35.96	54.39	-18.43	AVG
0.5100	37.75	9.53	47.28	56.00	-8.72	QP
0.5100	29.83	9.53	39.36	46.00	-6.64	AVG
0.5898	41.42	9.53	50.95	56.00	-5.05	QP
0.5898	31.34	9.53	40.87	46.00	-5.13	AVG
1.2257	29.04	9.55	38.59	56.00	-17.41	QP
1.2257	19.86	9.55	29.41	46.00	-16.59	AVG
2.6218	28.27	9.57	37.84	56.00	-18.16	QP
2.6218	19.95	9.57	29.52	46.00	-16.48	AVG
13.7659	36.73	9.82	46.55	60.00	-13.45	QP
13.7659	23.77	9.82	33.59	50.00	-16.41	AVG

Remark:

Factor = Insertion Loss + Cable Loss.

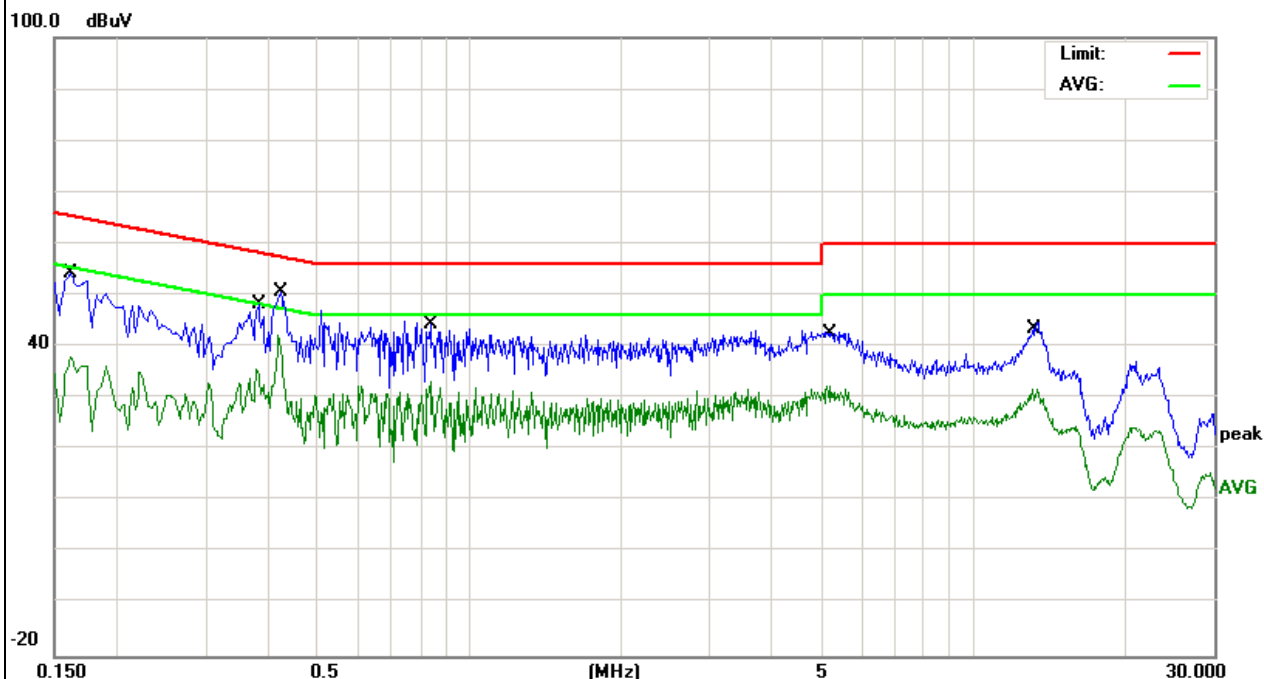


EUT :	ScreenBeam Mini2 Wireless Display Receiver	Model Name. :	SBWD60A
Temperature :	26 °C	Relative Humidity :	54%
Pressure :	1010hPa	Test Date :	2014-07-25
Test Mode :	Mode 1	Phase :	L
Test Voltage :	DC 5V From Adapter AC120V/60Hz- Adapter 2		

Freq. (MHz)	Reading (dBuV)	Factor (dBuV)	Measurement (dBuV)	Limit (dBuV)	Over (dB)	Remark
0.1620	44.56	9.62	54.18	65.36	-11.18	QP
0.1620	28.53	9.62	38.15	55.36	-17.21	AVG
0.3780	37.08	9.52	46.60	58.32	-11.72	QP
0.3780	26.06	9.52	35.58	48.32	-12.74	AVG
0.4180	39.57	9.52	49.09	57.49	-8.40	QP
0.4180	32.70	9.52	42.22	47.49	-5.27	AVG
0.8380	34.66	9.54	44.20	56.00	-11.80	QP
0.8380	23.59	9.54	33.13	46.00	-12.87	AVG
5.1979	33.02	9.60	42.62	60.00	-17.38	QP
5.1979	22.74	9.60	32.34	50.00	-17.66	AVG
13.1139	33.06	9.81	42.87	60.00	-17.13	QP
13.1139	22.03	9.81	31.84	50.00	-18.16	AVG

Remark:

Factor = Insertion Loss + Cable Loss.

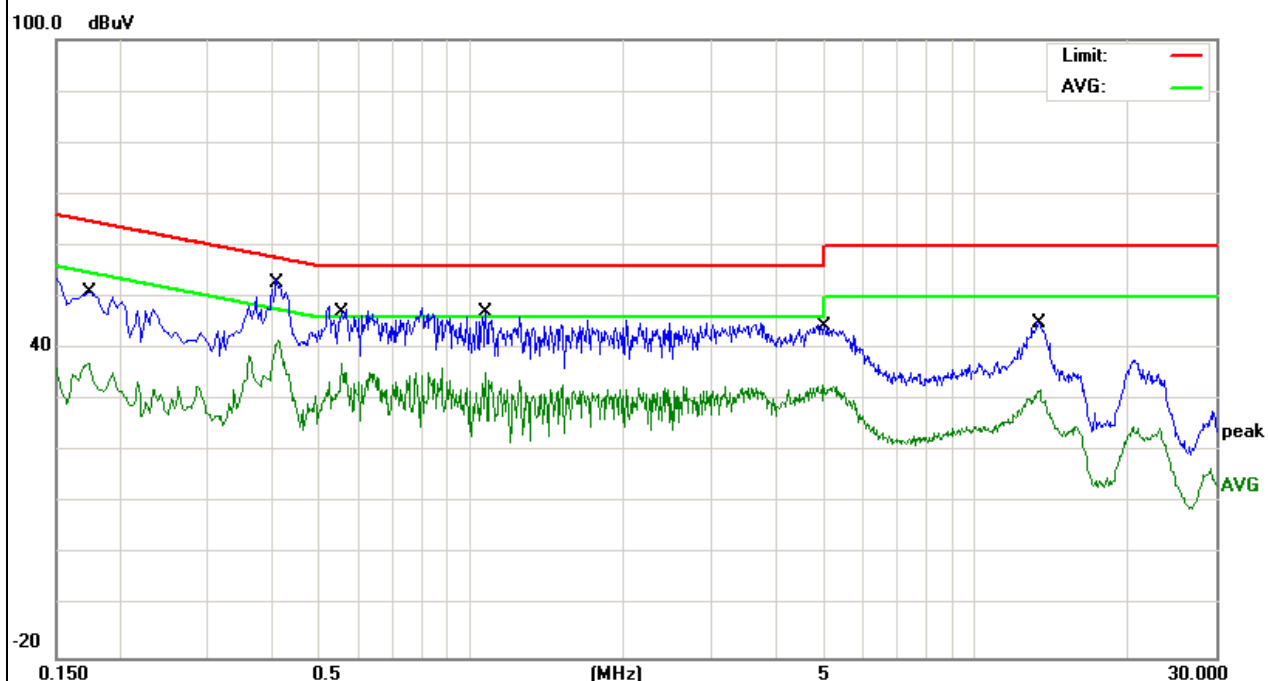


EUT :	ScreenBeam Mini2 Wireless Display Receiver	Model Name. :	SBWD60A
Temperature :	26 °C	Relative Humidity :	54%
Pressure :	1010hPa	Test Date :	2014-07-25
Test Mode :	Mode 1	Phase :	N
Test Voltage :	DC5V From Adapter AC120V/60Hz- Adapter 2		

Freq. (MHz)	Reading (dBuV)	Factor (dBuV)	Measurement (dBuV)	Limit (dBuV)	Over (dB)	Remark
0.1739	41.38	9.58	50.96	64.77	-13.81	QP
0.1739	27.64	9.58	37.22	54.77	-17.55	AVG
0.4139	42.45	9.52	51.97	57.57	-5.60	QP
0.4139	32.16	9.52	41.68	47.57	-5.89	AVG
0.5540	37.52	9.53	47.05	56.00	-8.95	QP
0.5540	27.59	9.53	37.12	46.00	-8.88	AVG
1.0660	37.53	9.55	47.08	56.00	-8.92	QP
1.0660	25.67	9.55	35.22	46.00	-10.78	AVG
4.9739	34.30	9.60	43.90	56.00	-12.10	QP
4.9739	23.47	9.60	33.07	46.00	-12.93	AVG
13.4338	34.78	9.81	44.59	60.00	-15.41	QP
13.4338	22.25	9.81	32.06	50.00	-17.94	AVG

Remark:

Factor = Insertion Loss + Cable Loss.



3.2 RADIATED EMISSION MEASUREMENT

3.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

FREQUENCY (MHz)	Class A (at 10m)	Class B (at 3m)
	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

Test Arrangement for Radiated Emissions up to 1 GHz

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at an accredited test facility. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna is a broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

Note: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for peak detection at frequency below 1GHz.

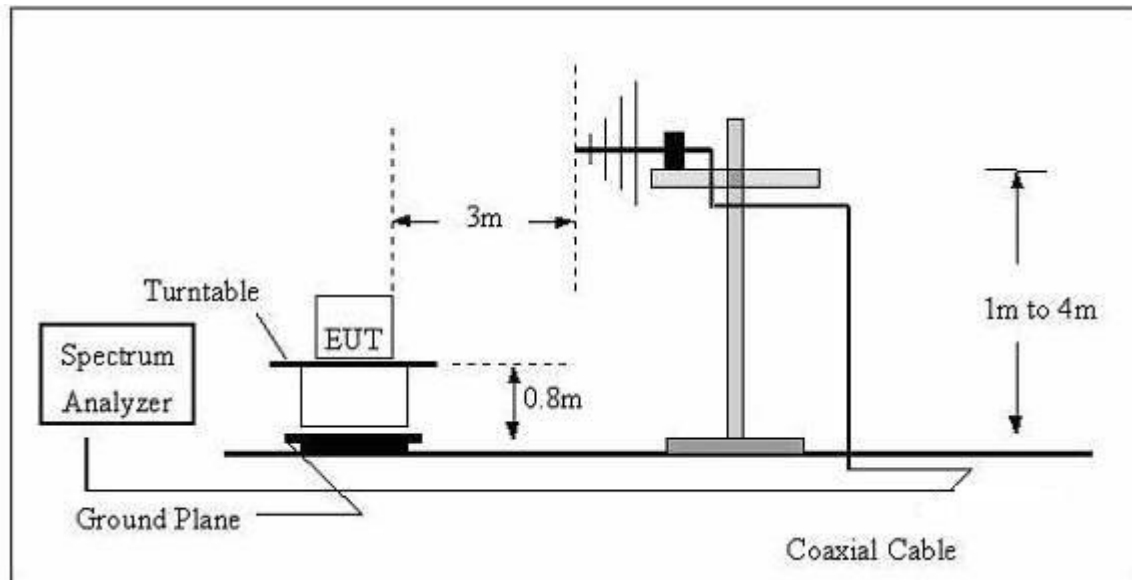
Test Arrangement for Radiated Emissions above 1 GHz.

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at an accredited chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna can be varied from one meter to four meters, the height of adjustment depends on the EUT height and the antenna 3dB beamwidth both, to detect the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

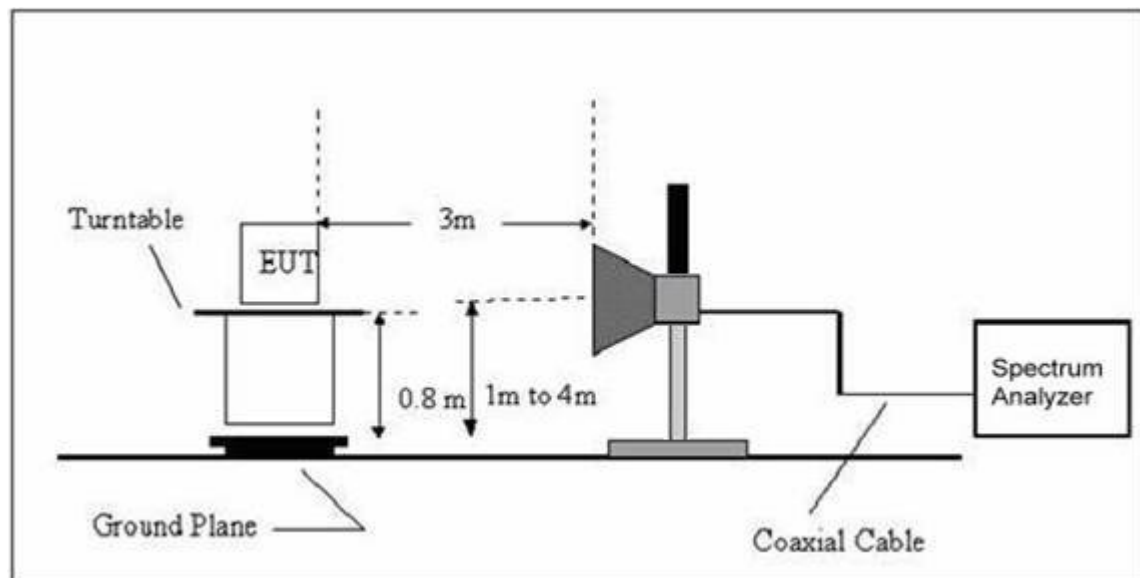
- e. The spectrum analyzer system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz

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.

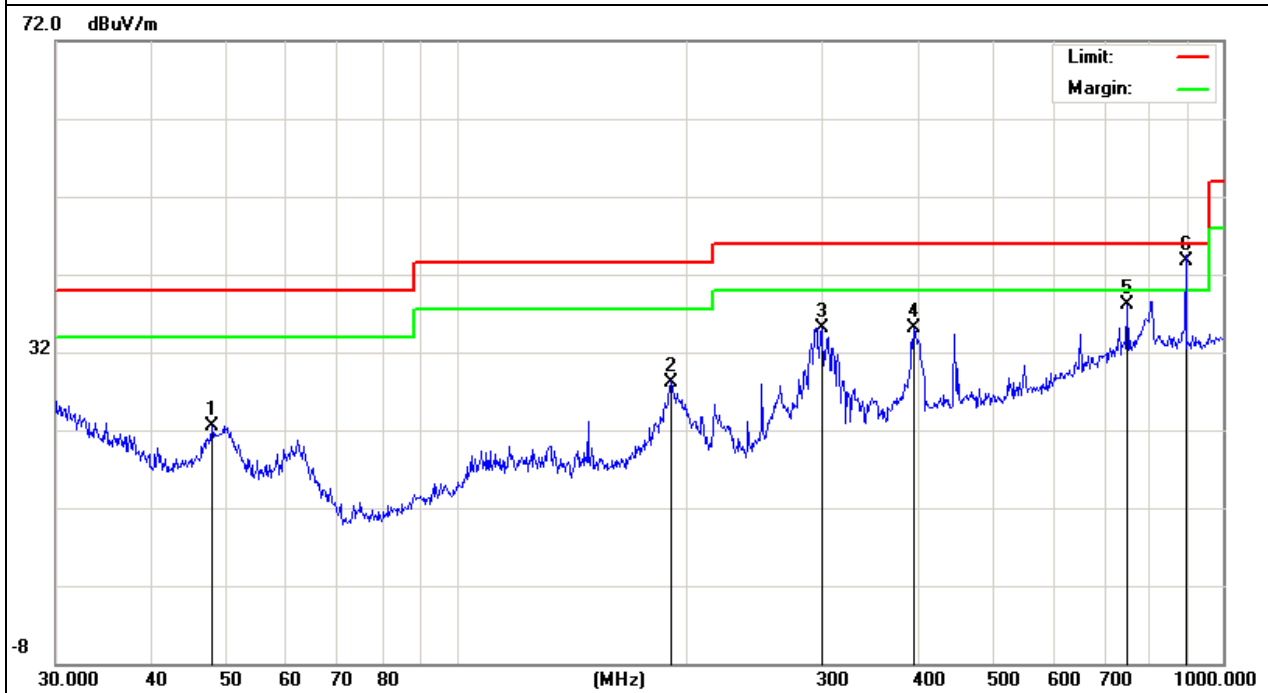
3.2.5 TEST RESULTS

EUT :	ScreenBeam Mini2 Wireless Display Receiver	Model Name :	SBWD60A
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2014-07-25
Test Mode :	Mode 1	Polarization :	Horizontal
Test Power :	DC5V From Adapter AC120V/60Hz- Adapter 1		

Freq. (MHz)	Reading (dBuV)	Factor (dBuV)	Measurement (dBuV)	Limit (dBuV)	Over (dB)	Remark
47.994	11.26	11.18	22.44	40.00	-17.56	QP
190.405	17.49	10.71	28.20	43.50	-15.30	QP
299.3158	21.03	14.15	35.18	46.00	-10.82	QP
394.8545	17.05	18.10	35.15	46.00	-10.85	QP
750.1083	11.91	26.10	38.01	46.00	-7.99	QP
893.8567	16.67	27.03	43.70	46.00	-2.30	QP

Remark:

Factor = Antenna Factor + Cable Loss.

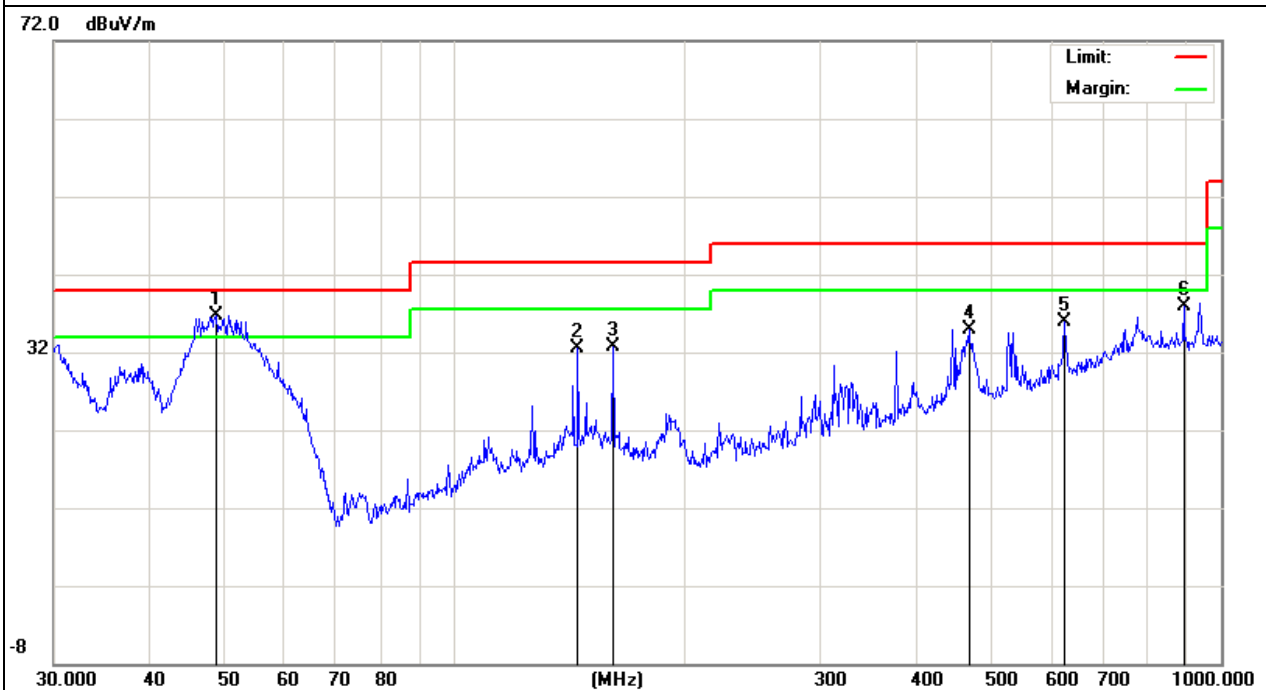


EUT :	ScreenBeam Mini2 Wireless Display Receiver	Model Name :	SBWD60A
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2014-07-25
Test Mode :	Mode 1	Polarization :	Vetical
Test Power :	DC5V From Adapter AC120V/60Hz- Adapter 1		

Freq. (MHz)	Reading (dBuV)	Factor (dBuV)	Measurement (dBuV)	Limit (dBuV)	Over (dB)	Remark
48.8429	25.72	10.98	36.70	40.00	-3.30	QP
144.8418	21.58	10.93	32.51	43.50	-10.99	QP
160.9088	22.25	10.48	32.73	43.50	-10.77	QP
468.8761	15.27	19.68	34.95	46.00	-11.05	QP
625.0779	13.07	22.91	35.98	46.00	-10.02	QP
893.8567	10.97	27.03	38.00	46.00	-8.00	QP

Remark:

Factor = Antenna Factor + Cable Loss.

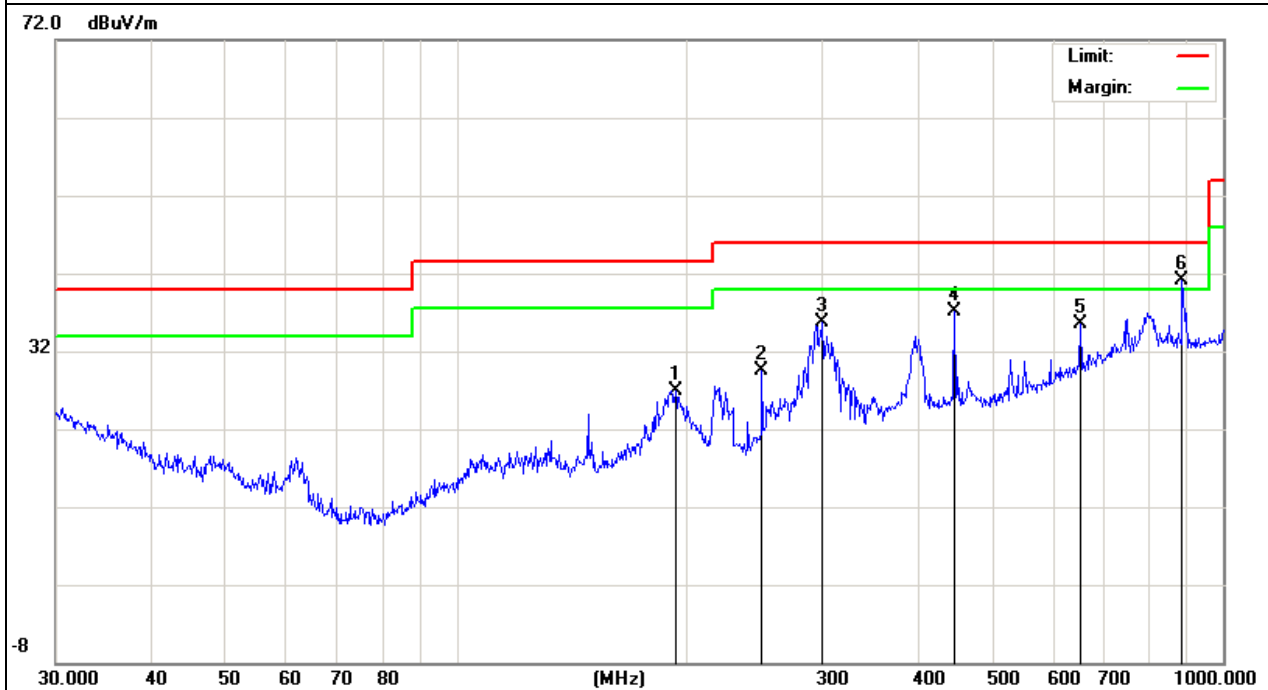


EUT :	ScreenBeam Mini2 Wireless Display Receiver	Model Name :	SBWD60A
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2014-07-25
Test Mode :	Mode 1	Polarization :	Horizontal
Test Power :	DC5V From Adapter AC120V/60Hz- Adapter 2		

Freq. (MHz)	Reading (dBuV)	Factor (dBuV)	Measurement (dBuV)	Limit (dBuV)	Over (dB)	Remark
193.0945	16.23	10.72	26.95	43.50	-16.55	QP
250.3012	15.85	13.59	29.44	46.00	-16.56	QP
300.3672	21.60	14.16	35.76	46.00	-10.24	QP
446.4141	17.90	19.23	37.13	46.00	-8.87	QP
651.9416	12.02	23.46	35.48	46.00	-10.52	QP
884.5028	14.02	27.08	41.10	46.00	-4.90	QP

Remark:

Factor = Antenna Factor + Cable Loss.

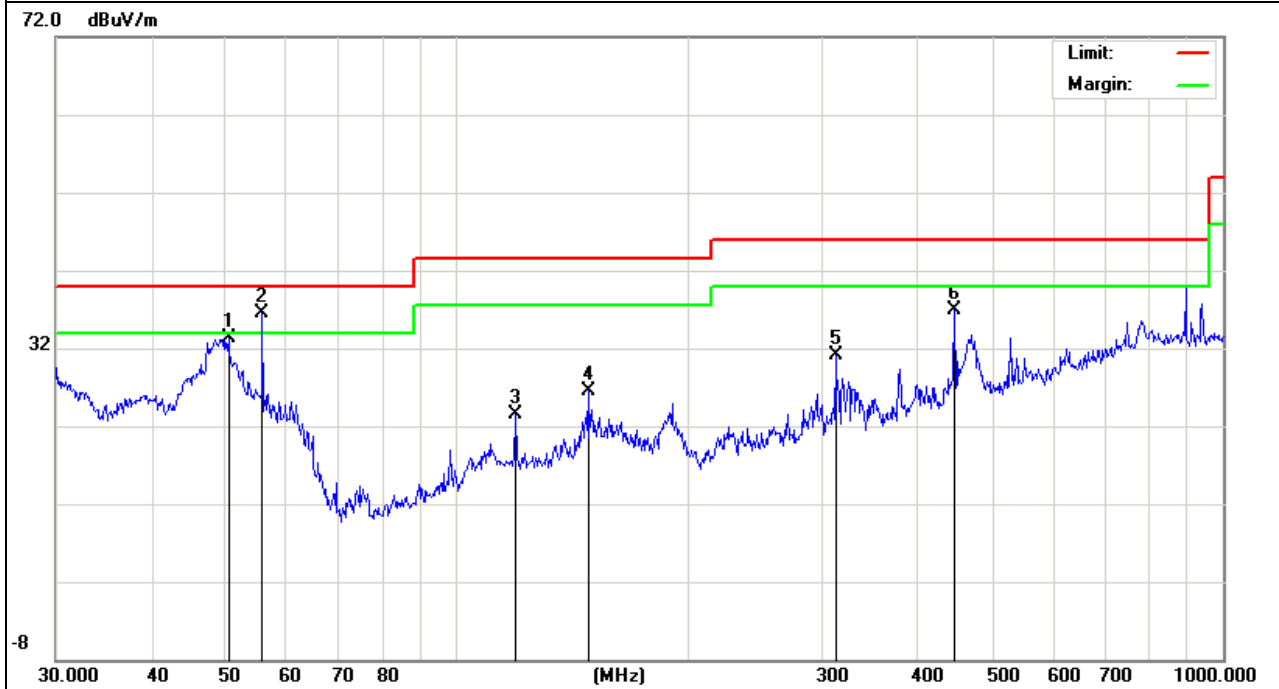


EUT :	ScreenBeam Mini2 Wireless Display Receiver	Model Name :	SBWD60A
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2014-07-25
Test Mode :	Mode 1	Polarization :	Vetical
Test Power :	DC5V From Adapter AC120V/60Hz- Adapter 2		

Freq. (MHz)	Reading (dBuV)	Factor (dBuV)	Measurement (dBuV)	Limit (dBuV)	Over (dB)	Remark
50.4089	22.68	10.57	33.25	40.00	-6.75	QP
55.8047	27.43	9.03	36.46	40.00	-3.54	QP
119.4361	11.46	11.98	23.44	43.50	-20.06	QP
148.441	15.85	10.57	26.42	43.50	-17.08	QP
312.1794	16.39	14.66	31.05	46.00	-14.95	QP
446.4141	17.72	19.23	36.95	46.00	-9.05	QP

Remark:

Factor = Antenna Factor + Cable Loss.



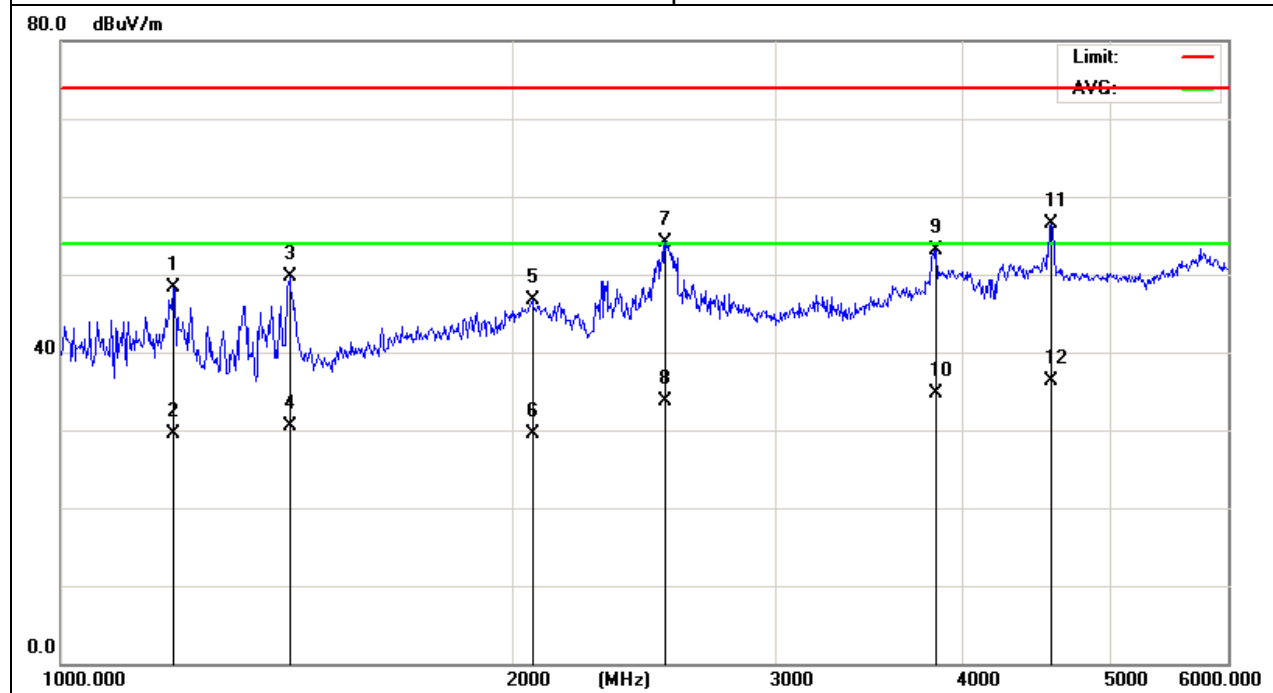
3.2.6 TEST RESULTS(Above 1GHz)

EUT :	ScreenBeam Mini2 Wireless Display Receiver	Model Name :	SBWD60A
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2014-07-25
Test Mode :	Mode 1	Polarization :	Horizontal
Test Power :	DC 5V From AC 120V/60Hz		

Freq. (MHz)	Reading (dBuV)	Factor (dBuV)	Measurement (dBuV)	Limit (dBuV)	Over (dB)	Detector
1189.818	66.64	-18.24	48.40	74.00	-25.60	peak
1189.818	47.84	-18.24	29.60	54.00	-24.40	AVG
1420.750	66.95	-17.25	49.70	74.00	-24.30	peak
1420.750	47.75	-17.25	30.50	54.00	-23.50	AVG
2062.401	58.96	-12.21	46.75	74.00	-27.25	peak
2062.401	41.71	-12.21	29.50	54.00	-24.50	AVG
2529.778	67.04	-12.84	54.20	74.00	-19.80	peak
2529.778	46.64	-12.84	33.80	54.00	-20.20	AVG
3826.796	60.64	-7.44	53.20	74.00	-20.80	peak
3826.796	42.14	-7.44	34.70	54.00	-19.30	AVG
4569.538	62.01	-5.51	56.50	74.00	-17.50	peak
4569.538	41.91	-5.51	36.40	54.00	-17.60	AVG

Remark:

1. When PK value is lower than the Average value limit, average not record.
2. Factor = Antenna Factor + Cable Loss - Amplifier.

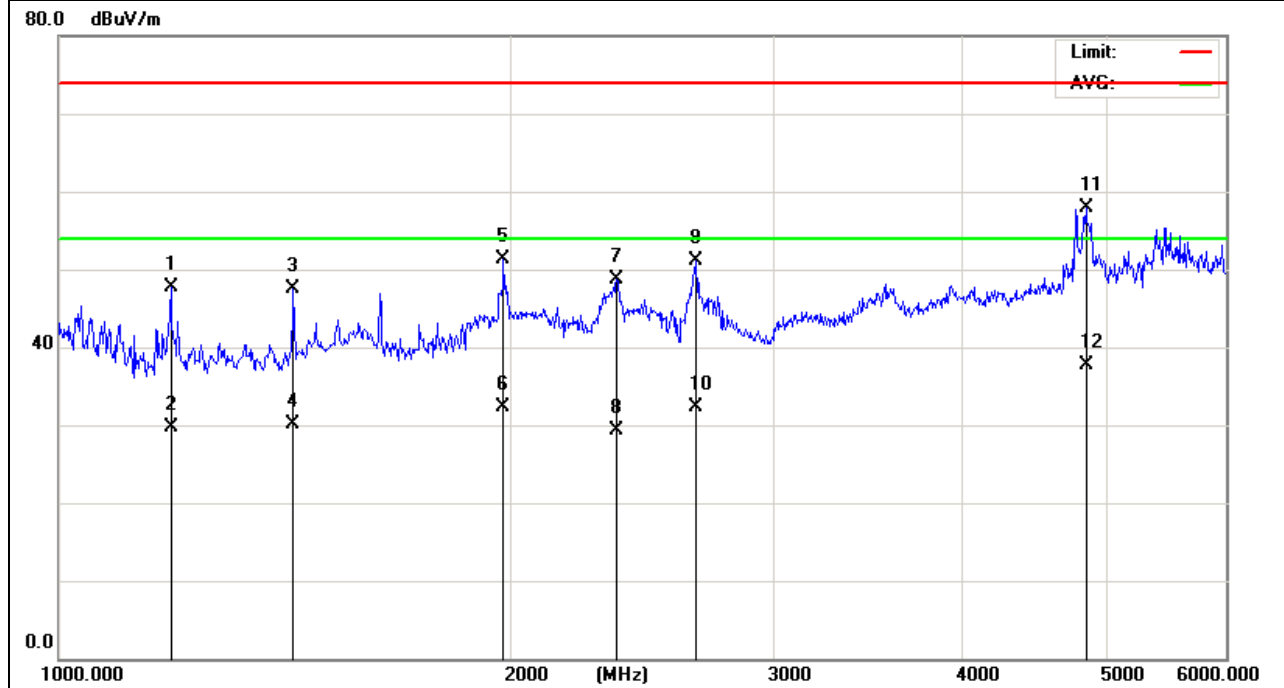


EUT :	ScreenBeam Mini2 Wireless Display Receiver	Model Name :	SBWD60A
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2014-07-25
Test Mode :	Mode 1	Polarization :	Vertical
Test Power :	DC 5V From AC 120V/60Hz		

Freq. (MHz)	Reading (dBuV)	Factor (dBuV)	Measurement (dBuV)	Limit (dBuV)	Over (dB)	Detector
1187.688	66.03	-18.27	47.76	74.00	-26.24	peak
1187.688	47.97	-18.27	29.70	54.00	-24.30	AVG
1433.535	64.64	-17.12	47.52	74.00	-26.48	peak
1433.535	47.22	-17.12	30.10	54.00	-23.90	AVG
1979.136	65.00	-13.69	51.31	74.00	-22.69	peak
1979.136	45.99	-13.69	32.30	54.00	-21.70	AVG
2354.812	62.00	-13.30	48.70	74.00	-25.30	peak
2354.812	42.70	-13.30	29.40	54.00	-24.60	AVG
2659.932	63.13	-12.03	51.10	74.00	-22.90	peak
2659.932	44.33	-12.03	32.30	54.00	-21.70	AVG
4839.195	61.45	-3.55	57.90	74.00	-16.10	peak
4839.195	41.35	-3.55	37.80	54.00	-16.20	AVG

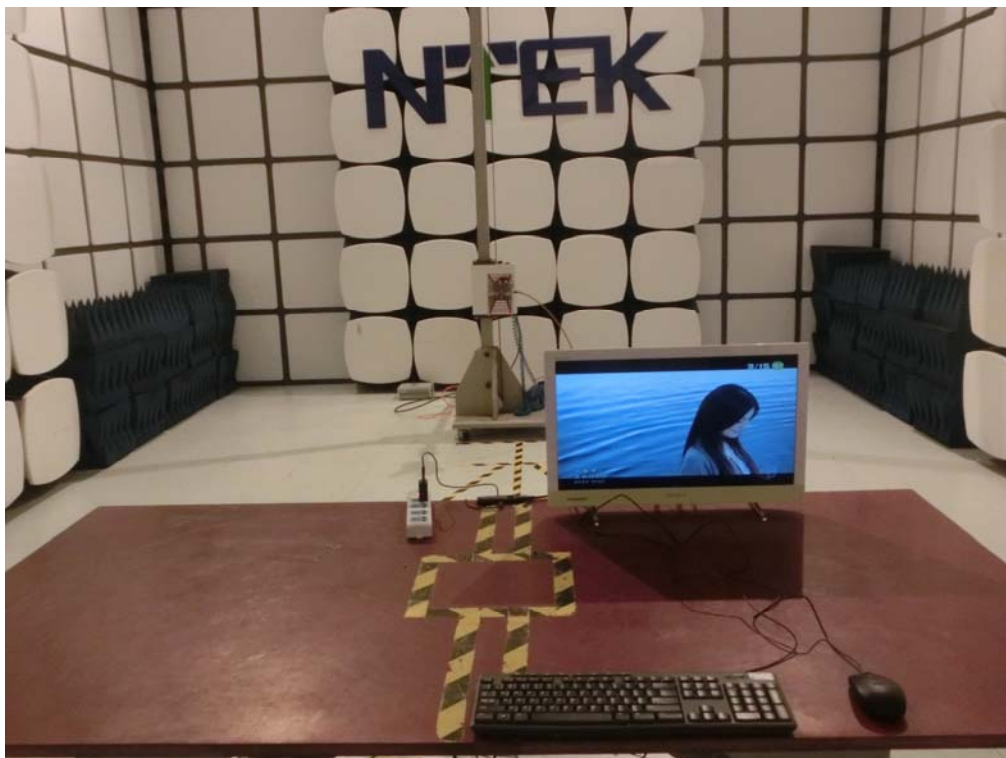
Remark:

1. When PK value is lower than the Average value limit, average not record.
2. Factor = Antenna Factor + Cable Loss - Amplifier.



4. EUT TEST PHOTO

Radiated Measurement Photos



Conducted Measurement Photos