

RADIO TEST REPORT FCC ID:XN6-SS2521C6 IC:8819A-SS2521C6

Product: 25"2.1 Sound Stand

Trade Name: VIZIO

Model Name: SS2521-C6

Serial Model: N/A

Report No.: NTEK-2015NT0104125F2-01

Prepared for

Zylux Acoustic Corporation 3F,22,Lane 35,Jihu Road,Taipei Neihu Technology Park,114 Taipei Taiwan-R.O.C

Prepared by

Shenzhen NTEK Testing Technology Co., Ltd.

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

Tel.: +86-0755-61156588 Fax.: +86-0755-61156599 Website:www.ntek.org.cn



TEST RESULT CERTIFICATION

Applicant's name	Zylux Acoustic	Corporatio	n		
Address	3F,22,Lane 35,	Jihu Road,	Taipei Ne	ihu Technology Pa	ark,
	114 Taipei Taiwan-R.O.C				
Manufacture's Name	Zhao Yang Ele	ctronic(She	enzhen)C	o., Ltd.	
Address					angQiao Rd. Yu Lv Shenzhen, China
Product description					
Product name	25"2.1 Sound \$	Stand			
Model and/or type reference	SS2521-C6				
Serial Model	N/A				
Standards	FCC Part15.24 RSS-247,Issue				
Test procedure				74: June 5, 2014 d ANSI C63.4-201	4
This device described all equipment under test (E requirements. And it is a	UT) is in compl	iance with t	he FCC r	equirements/ the I	ndustry Canada
This report shall not be a document may be altere the document.	•	-			
Date of Test					
Date (s) of performance	of tests 10	Jul. 2015 ~	17 Jul. 20	15	
Date of Issue					
Test Result					
Testing	g Engineer	:	Eile	en Wu.	
Techni	cal Manager	:	Bn	ewn lu	
			(Bro	own Lu)	_
Author	ized Signatory	:	Sam.	Chew	
			(San	n Chen)	





Table of Contents

	Page
1 . SUMMARY OF TEST RESULTS	4
1.1 TEST FACILITY	5
1.2 MEASUREMENT UNCERTAINTY	5
2 . GENERAL INFORMATION	6
2.1 GENERAL DESCRIPTION OF EUT	6
2.2 DESCRIPTION OF TEST MODES	8
2.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTE	D 9
2.4 DESCRIPTION OF SUPPORT UNITS(CONDUCTED MODE)	10
2.5 EQUIPMENTS LIST FOR ALL TEST ITEMS	11
3 . EMC EMISSION TEST	12
3.1 CONDUCTED EMISSION MEASUREMENT	12
3.1.1 POWER LINE CONDUCTED EMISSION LIMITS	12
3.1.2 TEST PROCEDURE	13
3.1.3 DEVIATION FROM TEST STANDARD	13
3.1.4 TEST SETUP	13
3.1.5 EUT OPERATING CONDITIONS	13
3.1.6 TEST RESULTS	14
3.2 RADIATED EMISSION MEASUREMENT	18
3.2.1 RADIATED EMISSION LIMITS	18
3.2.2 TEST PROCEDURE	19
3.2.3 DEVIATION FROM TEST STANDARD	19
3.2.4 TEST SETUP	20
3.2.5 EUT OPERATING CONDITIONS	21
3.2.6 TEST RESULTS (BETWEEN 9KHZ – 30 MHZ)	22
3.2.7 TEST RESULTS (BETWEEN 30MHZ – 1GHZ)	23
3.2.8 TEST RESULTS (ABOVE 1000 MHZ)	25
4 . EUT TEST PHOTO APPENDIX-PHOTOGRAPHS OF EUT CONSTRUCTIONAL DETAILS	26



1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Part15 (15.247) , Subpart C/ RSS-247 & RSS-Gen Rules						
Standard Section	lest Item lindament Remark					
15.207/ RSS-Gen §8.8/RSS-247 §6.2	Conducted Emission	PASS				
15.247 (c)/ RSS-247 §A5.5 Radiated Spurious Emission PASS						

Note: This C2PC testing, the changed is: Only change the new switching power supply board, Circuit and RF module are the same.

NOTE:

(1)" N/A" denotes test is not applicable in this Test Report



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 No.:238937; IC Registration No.:9270A-1

CNAS Registration No.:L5516

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 % $^{\circ}$

No.	Item	Uncertainty
1	Conducted Emission Test	±1.38dB
2	RF power,conducted	±0.16dB
3	Spurious emissions,conducted	±0.21dB
4	All emissions,radiated(<1G)	±4.68dB
5	All emissions,radiated(>1G)	±4.89dB
6	Temperature	±0.5°C
7	Humidity	±2%



2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	25"2.1 Sound Stand			
Trade Name	VIZIO			
Model Name	SS2521-C6			
Serial Model	N/A			
Model Difference	N/A			
	The EUT is a 25"2.1 S	Sound Stand		
	Operation Frequency:	2402~2480MHz		
	Modulation Type:	GFSK		
Product Description	Number Of Channel	40CH		
1 Toddot Boompton	Antenna	Please see Note 3.		
	Designation:			
	Antenna Gain (dBi)	1.0dbi		
Channel List	Please refer to the Note 2.			
Ratings	AC 120V,60Hz			
Adapter	main test			
Battery	N/A			
Connecting I/O Port(s)	Please refer to the Us	ser's Manual		

Page 6 of 27

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.



2.

Channel	Frequency (MHz)
Grianner	(MHz)
00	2402
01	2404
•••••	•••••
•••••	·····.
•••••	•••
38	2478
39	2480

Page 7 of 27

3

Table for Filed Antenna

Ant	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	NOTE
Α	N/A	N/A	PCB Antenna	N/A	1.0	BT Antenna



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	CH00
Mode 2	CH19
Mode 3	CH39
Mode 4	Keeping TX mode

For Conducted Emission			
Final Test Mode Description			
Mode 4	Keeping TX mode		

For Radiated Emission			
Final Test Mode	Description		
Mode 1	CH00		
Mode 2	CH19		
Mode 3	CH39		
Mode 4	Keeping TX mode		

Note:

- (1) The measurements are performed at the highest, middle, lowest available channels.
- (2) The measurements are performed at all Bit Rate of Transmitter, the worst data was reported



Page 9 of 27 Report No.: NTEK-2015NT0104125F2-01

r ago o or					
2.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED					
	E-1 EUT	AC Plug			



2.4 DESCRIPTION OF SUPPORT UNITS(CONDUCTED MODE)

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	25"2.1 Sound Stand	VIZIO	SS2521-C6	N/A	EUT

Item	Shielded Type	Ferrite Core	Length	Note

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 <code>[Length]</code> column.



2.5 EQUIPMENTS LIST FOR ALL TEST ITEMS

Radiation Test equipment

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibratio n period
1	Spectrum Analyzer	Agilent	E4407B	MY4510804 0	2015.07.06	2016.07.05	1 year
2	Test Receiver	R&S	ESPI	101318	2015.06.07	2016.06.06	1 year
3	Bilog Antenna	TESEQ	CBL6111D	31216	2015.07.06	2016.07.05	1 year
4	50Ω Coaxial Switch	Anritsu	MP59B	620026441 6	2015.06.07	2016.06.06	1 year
5	Spectrum Analyzer	ADVANTEST	R3132	150900201	2015.06.07	2016.06.06	1 year
6	Horn Antenna	EM	EM-AH-101 80	2011071402	2015.07.06	2016.07.05	1 year
7	Horn Ant	Schwarzbeck	BBHA 9170	9170-181	2015.07.06	2016.07.05	1 year
8	Amplifier	EM	EM-30180	060538	2014.12.22	2015.12.21	1 year
9	Loop Antenna	ARA	PLA-1030/B	1029	2015.06.08	2016.06.07	1 year
10	Power Meter	R&S	NRVS	100696	2015.07.06	2016.07.05	1 year
11	Power Sensor	R&S	URV5-Z4	0395.1619. 05	2015.07.06	2016.07.05	1 year

Conduction Test equipment

Conduction 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	2015.06.06	2016.06.05	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	2015.06.07	2016.06.06	1 year
5	Passive Voltage Probe	R&S	ESH2-Z3	100196	2015.06.07	2016.06.06	1 year
6	Absorbing clamp	R&S	MOS-21	100423	2015.06.08	2016.06.07	1 year

1	Attenuation	MCE	24-10-34	BN9258	2015.06.08	2016.06.07	1 year
---	-------------	-----	----------	--------	------------	------------	--------





3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

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

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

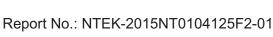
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	FCC/ RSS-247
0.50 -5.0	73.00	60.00	56.00	46.00	FCC/ RSS-247
5.0 -30.0	73.00	60.00	60.00	50.00	FCC/ RSS-247

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

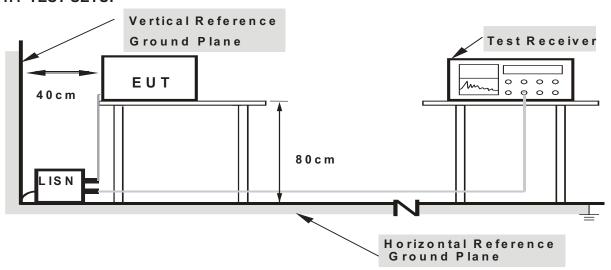
- a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- 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.

Page 13 of 27

3.1.3 DEVIATION FROM TEST STANDARD

No deviation

3.1.4 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 from other units and other metal planes

3.1.5 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

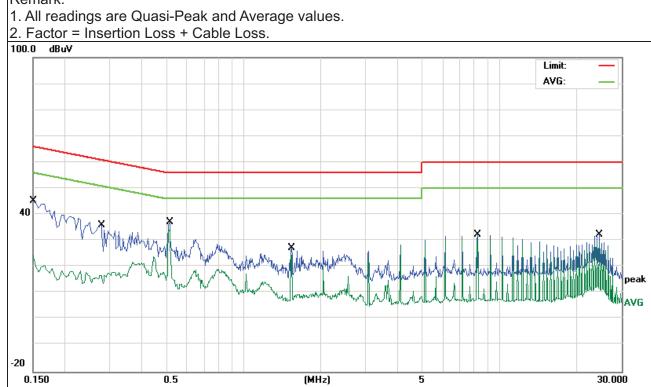


3.1.6 TEST RESULTS

EUT:	25"2.1 Sound Stand	Model Name. :	SS2521-C6	
Temperature :	26 ℃	Relative Humidity:	56%	
Pressure:	1010hPa	Phase :	L	
Test Voltage :	AC 120V/60Hz	Test Mode:	Mode 4	

Page 14 of 27

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	
0.1500	35.69	9.63	45.32	65.99	-20.67	QP
0.1500	14.88	9.63	24.51	55.99	-31.48	AVG
0.2779	26.13	9.71	35.84	60.88	-25.04	QP
0.2779	8.39	9.71	18.10	50.88	-32.78	AVG
0.5140	27.52	9.77	37.29	56.00	-18.71	QP
0.5140	24.88	9.77	34.65	46.00	-11.35	AVG
1.5380	17.48	9.68	27.16	56.00	-28.84	QP
1.5380	14.88	9.68	24.56	46.00	-21.44	AVG
8.1939	22.55	9.70	32.25	60.00	-27.75	QP
8.1939	21.35	9.70	31.05	50.00	-18.95	AVG
24.5780	22.75	9.93	32.68	60.00	-27.32	QP
24.5780	20.16	9.93	30.09	50.00	-19.91	AVG

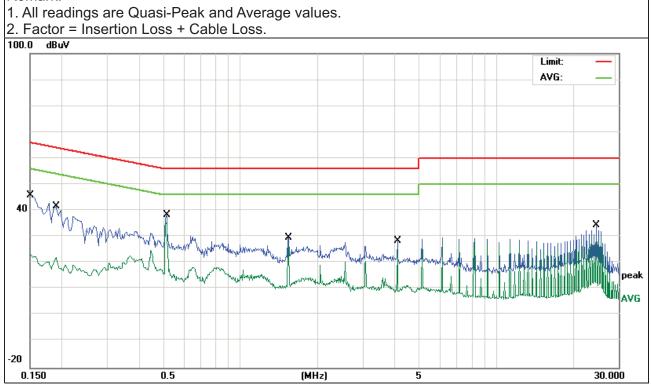




EUT:	25"2.1 Sound Stand	Model Name. :	SS2521-C6
Temperature :	26 ℃	Relative Humidity:	56%
Pressure:	1010hPa	Phase :	N
Test Voltage :	AC 120V/60Hz	Test Mode:	Mode 4

Page 15 of 27

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	
0.1516	36.24	9.60	45.84	65.91	-20.07	QP
0.1516	13.82	9.60	23.42	55.91	-32.49	AVG
0.1900	31.91	9.61	41.52	64.03	-22.51	QP
0.1900	12.55	9.61	22.16	54.03	-31.87	AVG
0.5140	28.61	9.68	38.29	56.00	-17.71	QP
0.5140	26.04	9.68	35.72	46.00	-10.28	AVG
1.5380	20.22	9.57	29.79	56.00	-26.21	QP
1.5380	16.37	9.57	25.94	46.00	-20.06	AVG
4.0979	18.89	9.51	28.40	56.00	-27.60	QP
4.0979	15.05	9.51	24.56	46.00	-21.44	AVG
24.5780	24.40	9.94	34.34	60.00	-25.66	QP
24.5780	20.01	9.94	29.95	50.00	-20.05	AVG

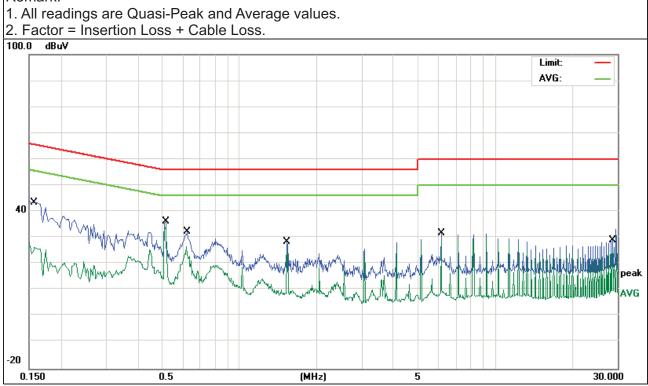




	-		
EUT:	25"2.1 Sound Stand	Model Name. :	SS2521-C6
Temperature :	26 ℃	Relative Humidity:	56%
Pressure:	1010hPa	Phase :	L
Test Voltage :	AC 240V/60Hz	Test Mode:	Mode 4

Page 16 of 27

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	
0.1580	33.92	9.60	43.52	65.56	-22.04	QP
0.1580	18.64	9.60	28.24	55.56	-27.32	AVG
0.5140	26.65	9.68	36.33	56.00	-19.67	QP
0.5140	24.80	9.68	34.48	46.00	-11.52	AVG
0.6180	22.74	9.65	32.39	56.00	-23.61	QP
0.6180	16.90	9.65	26.55	46.00	-19.45	AVG
1.5380	18.93	9.57	28.50	56.00	-27.50	QP
1.5380	14.88	9.57	24.45	46.00	-21.55	AVG
6.1459	22.10	9.51	31.61	60.00	-28.39	QP
6.1459	19.82	9.51	29.33	50.00	-20.67	AVG
28.6740	23.10	10.00	33.10	60.00	-26.90	QP
28.6740	16.45	10.00	26.45	50.00	-23.55	AVG





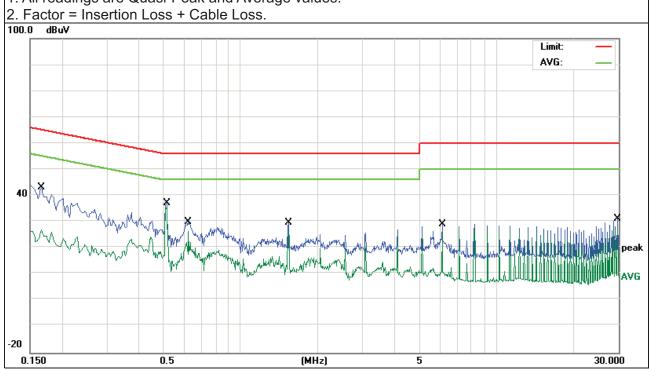
EUT:	25"2.1 Sound Stand	Model Name. :	SS2521-C6
Temperature:	26 ℃	Relative Humidity:	56%

Page 17 of 27

1010hPa Pressure: Phase: Ν Test Voltage : AC 240V/60Hz Test Mode: Mode 4

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	
0.1660	34.52	9.60	44.12	65.15	-21.03	QP
0.1660	17.22	9.60	26.82	55.15	-28.33	AVG
0.5140	27.56	9.68	37.24	56.00	-18.76	QP
0.5140	26.09	9.68	35.77	46.00	-10.23	AVG
0.6260	20.97	9.65	30.62	56.00	-25.38	QP
0.6260	16.64	9.65	26.29	46.00	-19.71	AVG
1.5380	20.21	9.57	29.78	56.00	-26.22	QP
1.5380	16.36	9.57	25.93	46.00	-20.07	AVG
6.1459	19.65	9.51	29.16	60.00	-30.84	QP
6.1459	16.76	9.51	26.27	50.00	-23.73	AVG
29.6980	21.05	10.02	31.07	60.00	-28.93	QP
29.6980	18.36	10.02	28.38	50.00	-21.62	AVG

- 1. All readings are Quasi-Peak and Average values.





3.2 RADIATED EMISSION MEASUREMENT

3.2.1 RADIATED EMISSION LIMITS (Frequency Range 9kHz-1000MHz)

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a)/ RSS-247 §5.5, then the 15.209(a)/ RSS-Gen limit in the table below has to be followed.

Frequencies	Field Strength	Measurement Distance
(MHz)	(micorvolts/meter)	(meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

	(dBuV/m) (at 3M)		
FREQUENCY (MHz)	PEAK	AVERAGE	
Above 1000	74	54	

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C/ RSS-Gen.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic

The frequency spectrum from 30 MHz to 25 GHz was investigated.

All readings from 30 MHz to 1 GHz are Quasi-peak values with a resolution bandwidth of 120 kHz. For measurement above 1GHz, peak values with RBW=1MHz VBW=3MHz and PK detector. AV value with RBW=1MHz, VBW=3MHz and RMS detector.



3.2.2 TEST PROCEDURE

- a. The measuring distance of at 3 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 m for below 1GHz and 1.5m for above 1GHz the ground at a 3 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 for below 1GHz and 1.5m for above 1GHz; 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.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos. Note:

Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

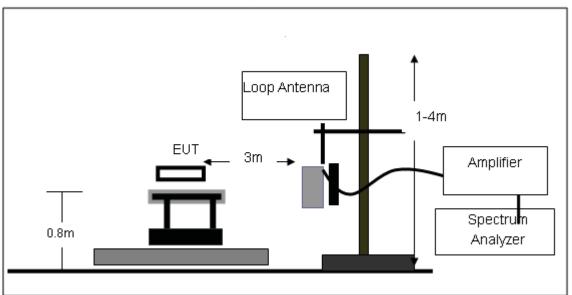
3.2.3 DEVIATION FROM TEST STANDARD

No deviation

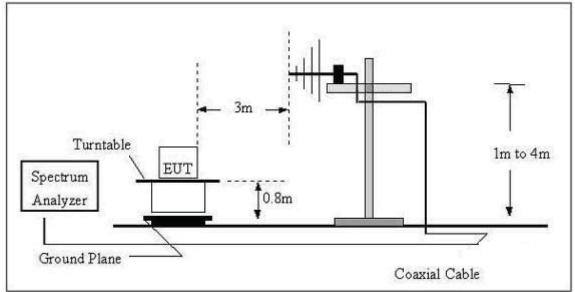


3.2.4 TEST SETUP

(A) Radiated Emission Test-Up Frequency Below 30MHz

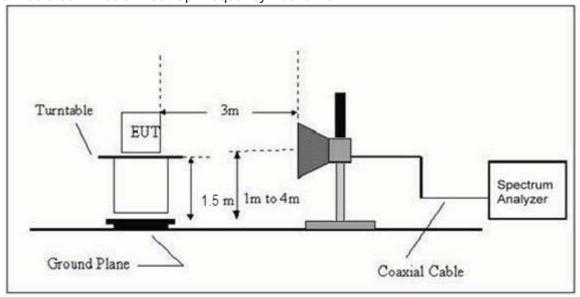


(B) Radiated Emission Test-Up Frequency 30MHz~1GHz





(C) Radiated Emission Test-Up Frequency Above 1GHz



3.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.



3.2.6 TEST RESULTS (BETWEEN 9KHZ – 30 MHZ)

EUT:	25"2.1 Sound Stand	Model Name. :	SS2521-C6
Temperature:	20 ℃	Relative Humidtity:	48%
Pressure:	1010 hPa	Test Voltage:	AC 120V/60Hz
Test Mode:	TX	Polarization :	

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

NOTE:

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Distance extrapolation factor =40 log (specific distance/test distance)(dB);

Limit line = specific limits(dBuv) + distance extrapolation factor.



3.2.7 TEST RESULTS (BETWEEN 30MHZ – 1GHZ)

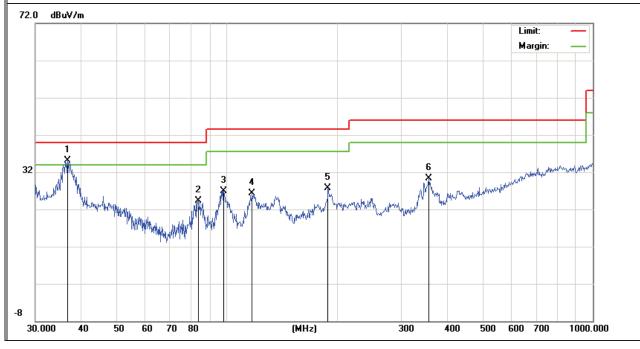
EUT:	25"2.1 Sound Stand	Model Name :	SS2521-C6
Temperature :	20 ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage:	AC 120V/60Hz
Test Mode:	TX		

Page 23 of 27

Polar	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(H/V)	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
V	36.7661	19.51	15.58	35.09	40.00	-4.91	QP
V	83.5220	17.76	6.57	24.33	40.00	-15.67	QP
V	98.1419	18.17	8.78	26.95	43.50	-16.55	QP
V	117.3602	14.78	11.53	26.31	43.50	-17.19	QP
V	189.0740	16.95	10.70	27.65	43.50	-15.85	QP
V	356.6757	13.75	16.51	30.26	46.00	-15.74	QP

Remark:

Absolute Level= ReadingLevel+ Factor, Margin= Absolute Level - Limit

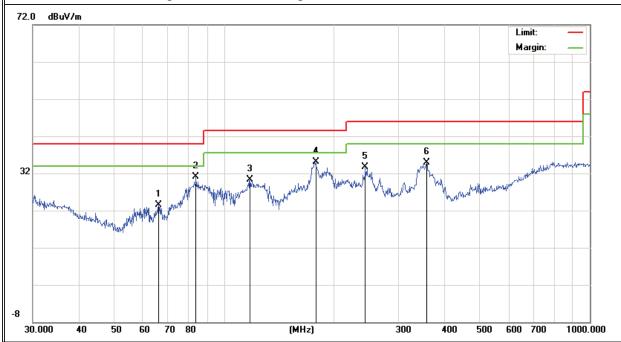




Polar	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(H/V)	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Н	66.2660	17.07	6.42	23.49	40.00	-16.51	QP
Н	83.8156	24.40	6.63	31.03	40.00	-8.97	QP
Н	117.7724	18.77	11.62	30.39	43.50	-13.11	QP
Н	178.1322	24.48	10.61	35.09	43.50	-8.41	QP
Н	243.3771	20.19	13.52	33.71	46.00	-12.29	QP
Н	357.9286	18.31	16.57	34.88	46.00	-11.12	QP

Remark:

Absolute Level= ReadingLevel+ Factor, Margin= Absolute Level - Limit





3.2.8 TEST RESULTS (ABOVE 1000 MHZ)

EUT:	25"2.1 Sound Stand	Model Name :	SS2521-C6
Temperature:	20 ℃	Relative Humidity:	48%
Pressure:	1010 hPa	Test Voltage:	AC 120V/60Hz
Test Mode:	TX		

Page 25 of 27

Frequency (MHz)	Reading (dBµV)	Factor (dB)	Emission Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Remark	Polar (H/V)
Low Channel (2402 MHz)-Above 1G							
4804.102	58.93	-3.64	55.29	74	-18.71	Pk	Vertical
4804.102	41.1	-3.64	37.46	54	-16.54	AV	Vertical
7206.343	59.43	-0.95	58.48	74	-15.52	Pk	Vertical
7206.343	36.55	-0.95	35.6	54	-18.4	AV	Vertical
4804.207	60.01	-3.64	56.37	74	-17.63	Pk	Horizontal
4804.207	42.29	-3.64	38.65	54	-15.35	AV	Horizontal
7206.295	57.11	-0.95	56.16	74	-17.84	Pk	Horizontal
7206.295	37.85	-0.95	36.9	54	-17.1	AV	Horizontal
Mid Channel (2440 MHz)-Above 1G							
4880.084	58.67	-3.68	54.99	74	-19.01	Pk	Vertical
4880.084	41.09	-3.68	37.41	54	-16.59	AV	Vertical
7320.244	57.46	-0.82	56.64	74	-17.36	Pk	Vertical
7320.244	39.26	-0.82	38.44	54	-15.56	AV	Vertical
4880.201	60.18	-3.68	56.5	74	-17.5	Pk	Horizontal
4880.201	43.45	-3.68	39.77	54	-14.23	AV	Horizontal
7320.362	57.66	-0.82	56.84	74	-17.16	Pk	Horizontal
7320.362	38.42	-0.82	37.6	54	-16.4	AV	Horizontal
High Channel (2480MHz)- Above 1G							
4960.255	58.83	-3.59	55.24	74	-18.76	Pk	Vertical
4960.255	40.49	-3.59	36.9	54	-17.1	AV	Vertical
7440.103	56.71	-0.68	56.03	74	-17.97	Pk	Vertical
7440.103	40.98	-0.68	40.3	54	-13.7	AV	Vertical
4960.214	58.84	-3.59	55.25	74	-18.75	Pk	Horizontal
4960.214	40.19	-3.59	36.6	54	-17.4	AV	Horizontal
7440.117	59.3	-0.68	58.62	74	-15.38	Pk	Horizontal
7440.117	38.87	-0.68	38.19	54	-15.81	AV	Horizontal

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

Emission Level = Reading + Factor

Margin = Emission Level- Limit



4. EUT TEST PHOTO



