



FCC PART 15C TEST REPORT FOR CERTIFICATION
On Behalf of

Panasonic Corporation of North America

Wireless Speaker System

Model Number: SC-ALL3

FCC ID: ACJ-SC-ALL3

Prepared for : Panasonic Corporation of North America
Two Riverfront Plaza, 9th Floor Newark New Jersey United
States 07102-5490

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Report Number : ACS-F14110
Date of Test : Mar.27~Apr.05, 2014
Date of Report : Apr.16, 2014

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TEST REPORT CERTIFICATION

Applicant : Panasonic Corporation of North America
 Manufacturer : Panasonic Corporation of North America
 EUT Description : Wireless Speaker System
 FCC ID : ACJ-SC-ALL3
 (A) MODEL NO. : SC-ALL3
 (B) SERIAL NO. : N/A
 (C) POWER SUPPLY : AC 120V/60Hz
 (D) TEST VOLTAGE : AC 120V/60Hz

Tested for comply with:
 FCC Rules and Regulations Part 15 Subpart C: 2012

Test procedure used:
 ANSI C63.10:2009

The device described above was tested by AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. to confirm comply with all the FCC Part 15 Subpart C requirements. The test results are contained in this test report and AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. is assumed full responsibility for the accuracy and completeness of these tests. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC and IC requirements. This report contains data that are not covered by the NVLAP accreditation.

This Report is made under FCC Part 2.1075. No modifications were required during testing to bring this product into compliance.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

Date of Test : Mar.27~ Apr.05, 2014 Report of date: Apr.16, 2014

Prepared by : Lisa Liang
 Lisa Liang / Assistant

Reviewed by : Sunny Lu
 信華科技(深圳)有限公司
 Audix Technology (Shenzhen) Co., Ltd.
 EMC 部門報告專用章

Approved & Authorized Signer :

Stamp only for EMC Dept. Report

Signature: David Jin

David Jin / Manager

1. SUMMARY OF STANDARDS AND RESULTS

1.1. Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below.

EMISSION		
Description of Test Item	Standard	Results
Power Line Conducted Emission	FCC Part 15: 15.207 ANSI C63.10: 2009	PASS
Radiated Emission	FCC Part 15: 15.209 ANSI C63.10: 2009	PASS
Band Edge Compliance	FCC Part 15: 15.247 ANSI C63.10: 2009	PASS
Conducted spurious emissions	FCC Part 15: 15.247 ANSI C63.10: 2009	PASS
6dB Bandwidth	FCC Part 15: 15.247 ANSI C63.10: 2009	PASS
Peak Output Power	FCC Part 15: 15.247 ANSI C63.10: 2009	PASS
Power Spectral Density	FCC Part 15: 15.247 ANSI C63.10: 2009	PASS
Antenna requirement	FCC Part 15: 15.203	PASS

2. GENERAL INFORMATION

2.1. Description of Device (EUT)

Product Name : Wireless Speaker System

Model No. : SC-ALL3

FCC ID : ACJ-SC-ALL3

Radio : IEEE802.11 a/b/g/n

Operation : IEEE 802.11a: 5180MHz—5240MHz, 5260MHz—5320MHz,
Frequency 5500MHz—5700MHz; 5745MHz—5825MHz
IEEE 802.11b: 2412MHz—2462MHz
IEEE 802.11g: 2412MHz—2462MHz
IEEE802.11nHT20: 2412MHz—2462MHz; 5180MHz—5240MHz,
5260MHz—5320MHz, 5500MHz—5700MHz;
5745MHz—5825MHz
IEEE802.11nHT40: 2422MHz—2452MHz, 5190MHz—5230MHz,
5270MHz—5310MHz, 5510MHz—5670MHz;
5755MHz—5795MHz

Modulation : IEEE 802.11b: DSSS(CCK, DQPSK, DBPSK)
Technology IEEE 802.11a/g: OFDM(64QAM, 16QAM, QPSK, BPSK)
IEEE 802.11n HT20, HT40: OFDM (64QAM, 16QAM, QPSK, BPSK)

Antenna : Antenna 0:
Assembly Gain IFA Antenna,
2.4GHz: 1.4dBi(max)
5GHz: 4.3dBi(max)
Antenna 1:
IFA Antenna,
2.4GHz: 2.5dBi(max)
5GHz: 3.4dBi(max)

Applicant : Panasonic Corporation of North America
Two Riverfront Plaza, 9th Floor Newark New Jersey United States
07102-5490

Manufacturer : Panasonic Corporation of North America
Two Riverfront Plaza, 9th Floor Newark New Jersey United States
07102-5490

Power Cable : Shielded, Detachable, 1.6m

Date of Test : Mar.27~Apr.05, 2014

Date of : Mar.25, 2014
Receipt

Sample Type : Prototype production

2.2.Test Information

A special test software was used to control EUT work in Continuous TX mode(100% duty cycle), and select test channel, wireless mode and data rate.

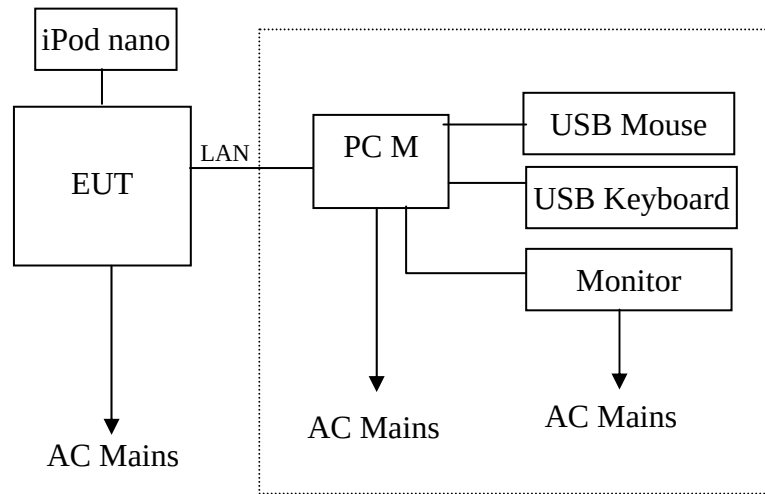
Tested mode, channel, and data rate information			
Mode	data rate (Mbps)(see Note)	Channel	Frequency (MHz)
IEEE 802.11b	1	Low :CH1	2412
	1	Middle: CH6	2437
	1	High: CH11	2462
IEEE 802.11g	6	Low :CH1	2412
	6	Middle: CH6	2437
	6	High: CH11	2462
IEEE 802.11n HT20	6.5	Low :CH1	2412
	6.5	Middle: CH6	2437
	6.5	High: CH11	2462
IEEE 802.11n HT40	13.5	Low :CH1	2422
	13.5	Middle: CH4	2437
	13.5	High: CH7	2452
Note 1: According exploratory test, EUT will have maximum output power in those data rate, so those data rate were used for all test.			
Note 2: Test with two antenna transmit simultaneously in 11a/b/g/n mode.			

Tested mode, channel, and data rate information			
Mode	data rate (Mbps)(see Note)	Channel	Frequency (MHz)
IEEE 802.11a	6	Low :CH149	5745
	6	Middle: CH157	5785
	6	High: CH165	5825
IEEE 802.11n HT20	6.5	Low :CH149	5745
	6.5	Middle: CH157	5785
	6.5	High: CH165	5825
IEEE 802.11n HT40	13.5	Low :CH151	5755
	13.5	High : CH159	5795
Note 1: According exploratory test, EUT will have maximum output power in those data rate, so those data rate were used for all test.			
Note 2: Test with two antenna transmit simultaneously in 11a/b/g/n mode.			

2.3. Tested Supporting System Details

No.	Description	ACS No.	Manufacturer	Model	Serial Number	Approved type
1.	Personal Computer	Test PC M	DELL	Studio 540	224XK2X	☒ FCC DoC ☒ BSMI ID:R33002
		Power Cord: Unshielded, Detachable, 1.8m Display Card: HD3450 (DVI+VGA+HDMI)				
2.	USB Mouse	ACS-EMC-M04R	DELL	M0C5UO	512024282	☒ FCC DoC ☒ BSMI ID: R41108
		Power Cord: shielded, Undetachable, 1.8m				
3.	USB Keyboard	ACS-EMC- K03R	DELL	SK-8115	CN-ODJ313-71 616-711-04WJ	☒ FCC DoC ☒ BSMI ID: T3A002
		Power Cord: shielded, Undetachable, 2.0m				
4.	iPod nano	ACS-EMC-IP01	APPLE	A1199	YM706MLDV Q5	☒ FCC DoC ☒ BSMI ID: R33057
		Data Cable: Shielded, Detachable, 1.0m				

2.4. Block Diagram of Test Setup



(EUT: Wireless Speaker System)

2.5. Test Facility

Site Description

Name of Firm : Audix Technology (Shenzhen) Co., Ltd.
No. 6, Ke Feng Rd., 52 Block, Shenzhen
Science & Industrial Park, Nantou,
Shenzhen, Guangdong, China

3m Anechoic Chamber : Certificated by FCC, USA
Registration Number: 90454
Valid Date: Feb.22, 2015

3m & 10m Anechoic Chamber : Certificated by FCC, USA
Registration Number: 794232
Valid Date: Oct.31, 2015

EMC Lab. : Certificated by Industry Canada
Registration Number: IC 5183A-1
Valid Date: Jun.13, 2014

: Certificated by DAkkS, Germany
Registration No: D-PL-12151-01-00
Valid Date: Dec.15, 2016

Accredited by NVLAP, USA
NVLAP Code: 200372-0
Valid Date: Mar.31, 2015

2.6. Measurement Uncertainty (95% confidence levels, k=2)

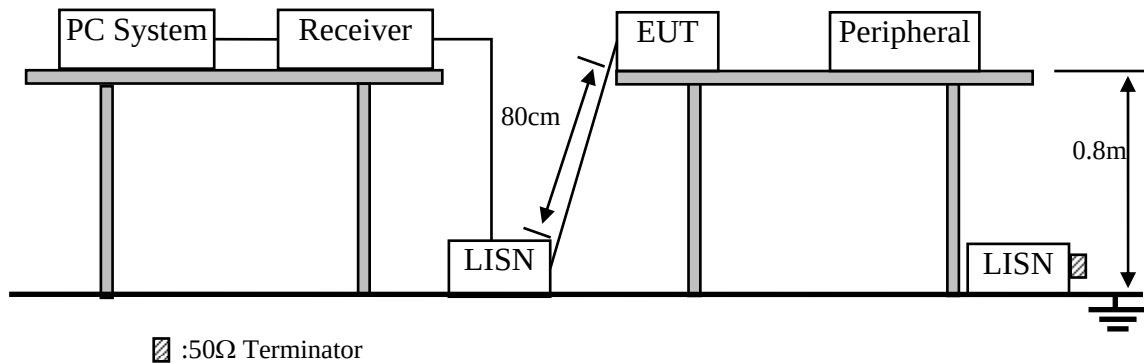
Test Item	Uncertainty
Uncertainty for Conduction emission test in No. 1 Conduction	3.1 dB (150KHz to 30MHz)
Uncertainty for Radiation Emission test in 3m chamber	3.22 dB(30~200MHz, Polarize: H)
	3.23 dB(30~200MHz, Polarize: V)
	3.49 dB(200M~1GHz, Polarize: H)
	3.39 dB(200M~1GHz, Polarize: V)
Uncertainty for Radiation Emission test in 3m chamber (1GHz-18GHz)	4.97 dB(1~6GHz, Distance: 3m)
	4.99 dB(6~18GHz, Distance: 3m)
Uncertainty for Radiated Spurious Emission test in RF chamber	3.57 dB
Uncertainty for Conduction Spurious emission test	2.00 dB
Uncertainty for Output power test	0.73 dB
Uncertainty for Power density test	2.00 dB
Uncertainty for Frequency range test	7×10^{-8}
Uncertainty for Bandwidth test	83 kHz
Uncertainty for DC power test	0.038 %
Uncertainty for test site temperature and humidity	0.6°C
	3%

3. POWER LINE CONDUCTED EMISSION TEST

3.1.Test Equipments

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	1# Shielding Room	AUDIX	N/A	N/A	Apr.18,13	1 Year
2.	Test Receiver	Rohde & Schwarz	ESHS10	838693/001	Oct.31, 13	1 Year
3.	L.I.S.N.#1	Rohde & Schwarz	ESH2-Z5	100429	Jan.22, 14	1 Year
4.	L.I.S.N.#3	Kyoritsu	KNW-242C	8-1920-1	May.08, 13	1 Year
5.	Terminator	Hubersuhner	50Ω	No. 1	May.08, 13	1 Year
6.	Terminator	Hubersuhner	50Ω	No. 2	May.08, 13	1 Year
7.	RF Cable	Hubersuhner	RG58	0100.6954.20#	Jan.22, 14	1 Year
8.	Coaxial Switch	Anritsu	MP59B	M50564	May.08, 13	1 Year
9.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	101838	Jan.22, 14	1 Year
10.	Oscilloscope	Tektronix	TDS3052B	B026036	May.16, 13	1 Year

3.2.Block Diagram of Test Setup



3.3.Power Line Conducted Emission Test Limits

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level dB(μV)	Average Level dB(μV)
150kHz ~ 500kHz	66 ~ 56*	56 ~ 46*
500kHz ~ 5MHz	56	46
5MHz ~ 30MHz	60	50

Notes: 1. * Decreasing linearly with logarithm of frequency.

2. The lower limit shall apply at the transition frequencies.

3.4.Configuration of EUT on Test

The following equipment are installed on Power Line Conducted Emission Test to meet the commission requirement and operating regulations in a manner which tends to maximize its emission characteristics in a normal application.

3.4.1.Wireless Speaker System (EUT)

Model Number : SC-ALL3

Serial Number : N/A

3.4.2.Support Equipment: As Tested Supporting System Details, in Section 2.2.

3.5.Operating Condition of EUT

3.5.1.Setup the EUT and simulator as shown as Section 3.2.

3.5.2.Turned on the power of all equipment.

3.5.3.PC run test software to control EUT work in Tx mode.

3.6.Test Procedure

The EUT was placed on a non-metallic table, 80cm above the ground plane. The EUT Power Via PC connected to the power mains through a line impedance stabilization network (L.I.S.N. 1#). This provides a 50 ohm coupling impedance for the EUT (Please refer the block diagram of the test setup and photographs). The AC line 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 C63.10: 2009 on Conducted Emission Test.

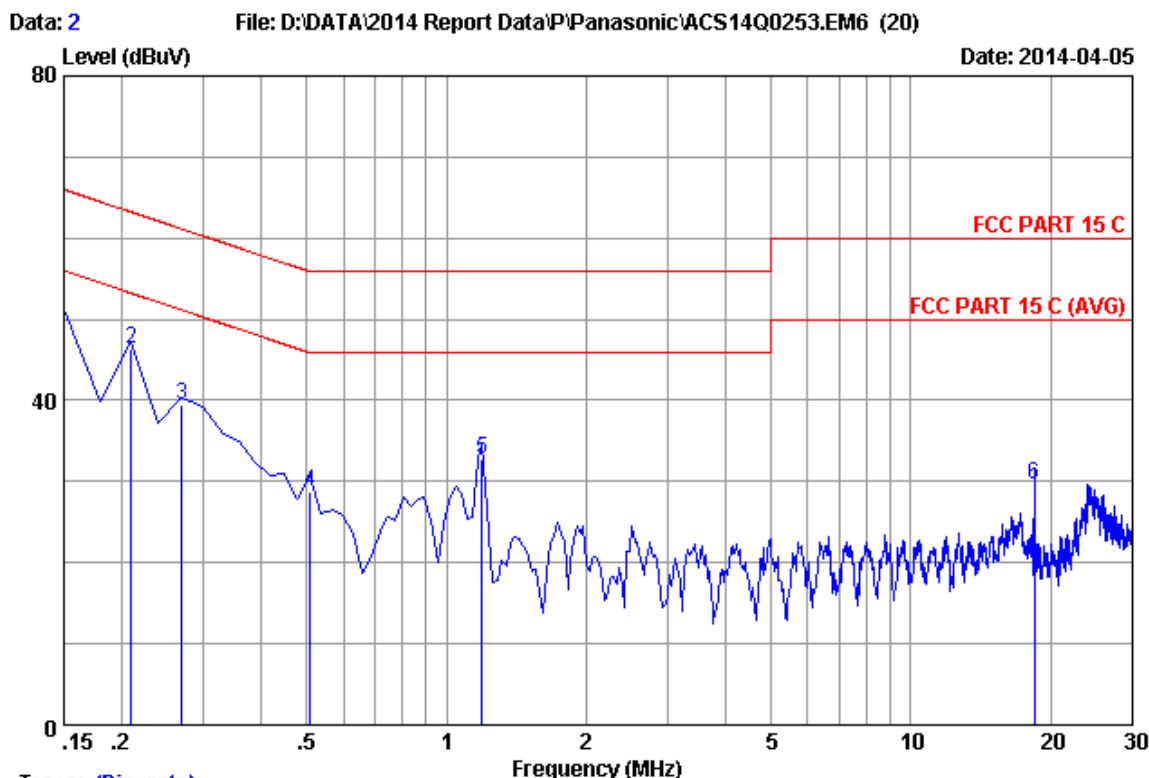
The bandwidth of test receiver (R & S ESHS10) is set at 9kHz.

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

3.7.Power Line Conducted Emission Test Results

PASS. (All emissions not reported below are too low against the prescribed limits.)

2.4G:

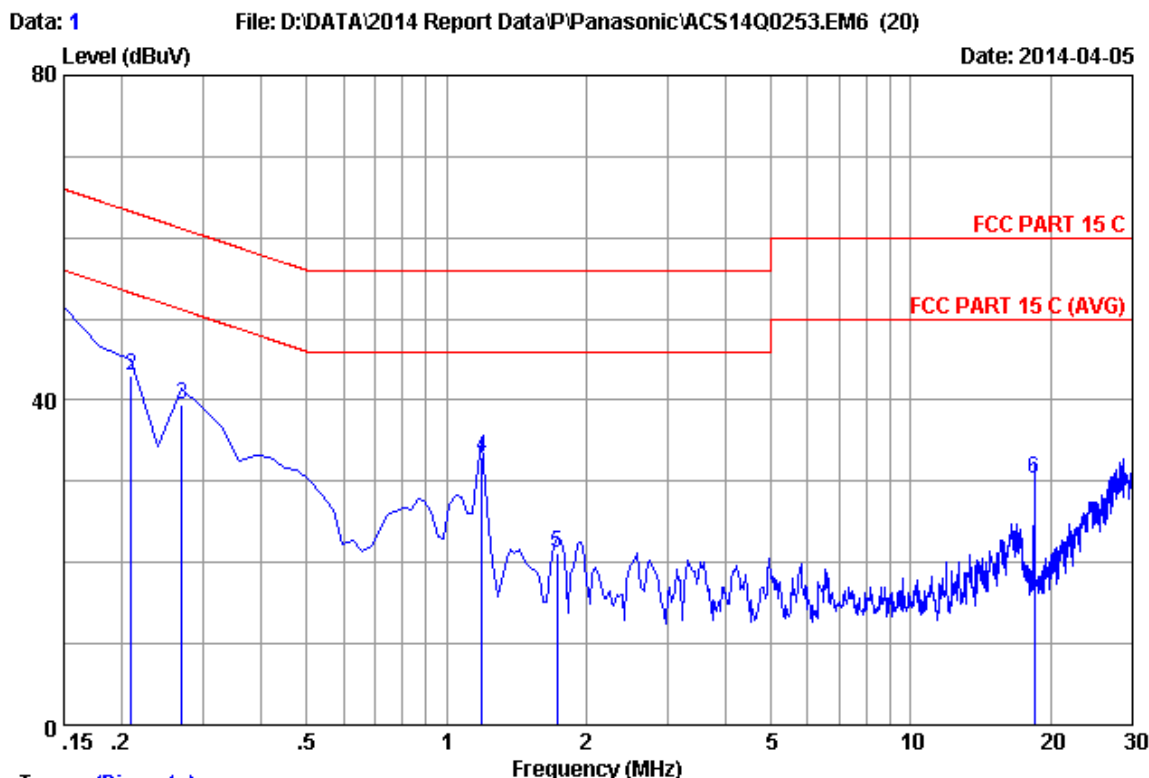


Trace: (Discrete)

Site no :1#conduction Data No :2
 Dis./Ant. :2014 ESH2-Z5 LINE
 Limit :FCC PART 15 C
 Env./Ins. :25.3°C/42% Engineer :Nick_Huang
 EUT :Wireless Speaker System
 Power Rating :AC 120V/60Hz
 Test Mode :Tx Mode (WIFI 2.4G)
 M/N:SC-ALL3

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15000	0.12	9.87	39.19	49.18	66.00	16.82	QP
2	0.20970	0.13	9.88	36.24	46.25	63.22	16.97	QP
3	0.26940	0.14	9.88	29.32	39.34	61.14	21.80	QP
4	0.50820	0.15	9.88	18.61	28.64	56.00	27.36	QP
5	1.195	0.18	9.89	22.72	32.79	56.00	23.21	QP
6	18.418	0.76	10.07	18.76	29.59	60.00	30.41	QP

Remarks: 1.Emission Level=LISN Factor+Cable Loss+Reading.
 2.If the average limit is met when using a quasi-peak detector,
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.

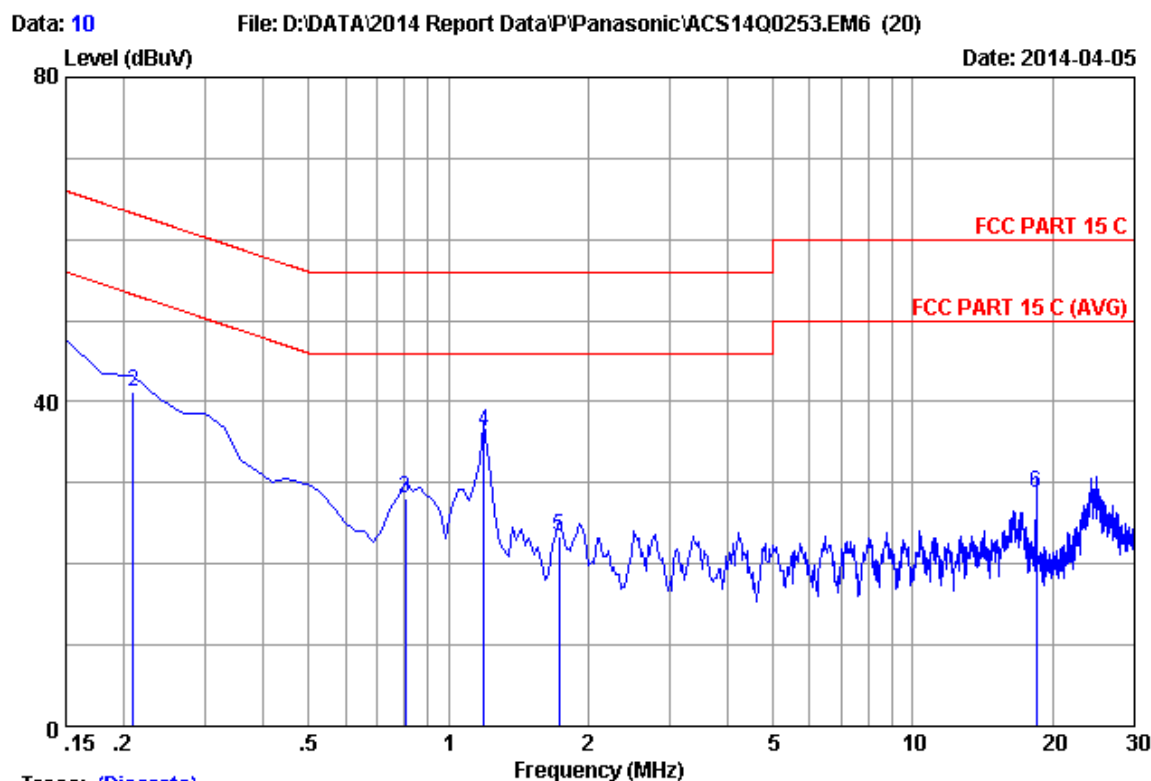


Trace: (Discrete)

Site no :1#conduction Data No :1
 Dis./Ant. :2014 ESH2-Z5 NEUTRAL
 Limit :FCC PART 15 C
 Env./Ins. :25.3°C/42% Engineer :Nick_Huang
 EUT :Wireless Speaker System
 Power Rating :AC 120V/60Hz
 Test Mode :Tx Mode (WIFI 2.4G)
 M/N:SC-ALL3

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15000	0.13	9.87	39.55	49.55	66.00	16.45	QP
2	0.20970	0.13	9.88	32.94	42.95	63.22	20.27	QP
3	0.26940	0.14	9.88	29.51	39.53	61.14	21.61	QP
4	1.195	0.18	9.89	22.94	33.01	56.00	22.99	QP
5	1.732	0.19	9.90	11.14	21.23	56.00	34.77	QP
6	18.418	0.98	10.07	19.26	30.31	60.00	29.69	QP

Remarks: 1.Emission Level=LISN Factor+Cable Loss+Reading.
 2.If the average limit is met when using a quasi-peak detector,
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.

5.8G:


Trace: (Discrete)

Site no :1#conduction Data No :10

Dis./Ant. :2014 ESH2-Z5 LINE

Limit :FCC PART 15 C

Env./Ins. :25.3°C/42%

EUT :Wireless Speaker System Engineer :Nick_Huang

Power Rating :AC 120V/60Hz

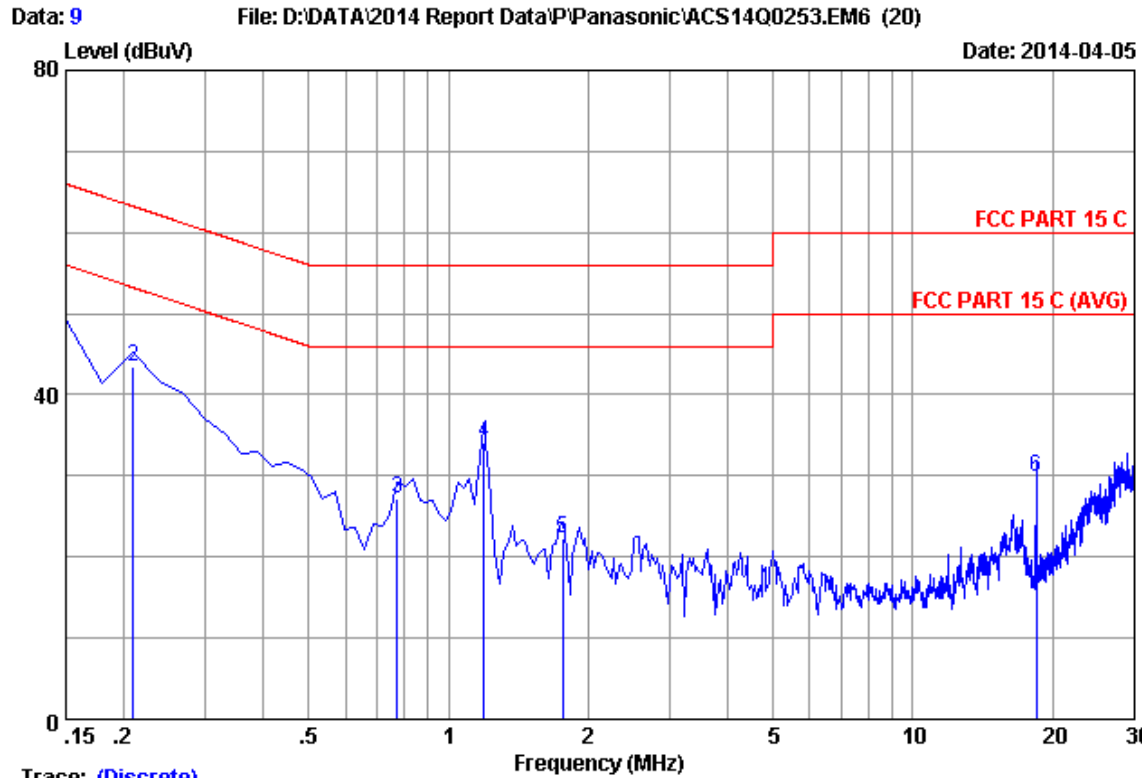
Test Mode :Tx Mode (WIFI 5.8G)

M/N:SC-ALL3

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15000	0.12	9.87	36.66	46.65	66.00	19.35	QP
2	0.20970	0.13	9.88	31.16	41.17	63.22	22.05	QP
3	0.80670	0.16	9.89	18.02	28.07	56.00	27.93	QP
4	1.195	0.18	9.89	26.34	36.41	56.00	19.59	QP
5	1.732	0.19	9.90	13.33	23.42	56.00	32.58	QP
6	18.418	0.76	10.07	17.99	28.82	60.00	31.18	QP

Remarks: 1.Emission Level=LISN Factor+Cable Loss+Reading.

2.If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



Trace: (Discrete)

Site no :1#conduction Data No :9
 Dis./Ant. :2014 ESH2-Z5 NEUTRAL
 Limit :FCC PART 15 C
 Env./Ins. :25.3°C/42% Engineer :Nick_Huang
 EUT :Wireless Speaker System
 Power Rating :AC 120V/60Hz
 Test Mode :Tx Mode (WIFI 5.8G)
 M/N:SC-ALL3

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15000	0.13	9.87	37.33	47.33	66.00	18.67	QP
2	0.20970	0.13	9.88	33.34	43.35	63.22	19.87	QP
3	0.77685	0.16	9.89	17.09	27.14	56.00	28.86	QP
4	1.195	0.18	9.89	23.95	34.02	56.00	21.98	QP
5	1.762	0.19	9.91	12.20	22.30	56.00	33.70	QP
6	18.418	0.98	10.07	18.74	29.79	60.00	30.21	QP

Remarks: 1.Emission Level=LISN Factor+Cable Loss+Reading.
 2.If the average limit is met when using a quasi-peak detector.
 the EUT shall be deemed to meet both limits and measurement
 with average detector is unnecessary.

4. RADIATED EMISSION TEST

4.1. Test Equipment

4.1.1. For frequency range 30MHz~1000MHz (At Anechoic Chamber)

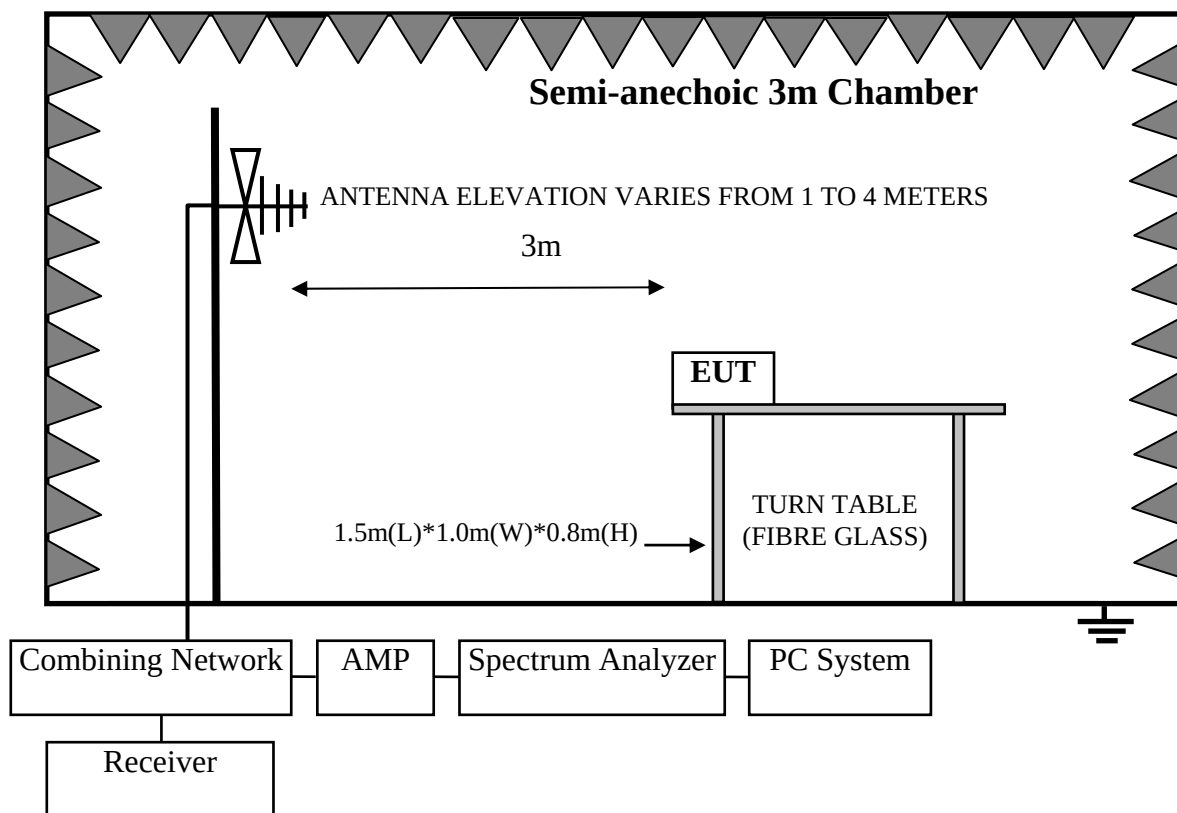
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	3#Chamber	AUDIX	N/A	N/A	Nov.24, 13	1 Year
2	EMI Spectrum	Agilent	E4407B	MY41440292	May.08, 13	1 Year
3	Test Receiver	Rohde & Schwarz	ESVS10	834468/011	May.08, 13	1 Year
4	Amplifier	HP	8447D	2648A04738	May.08, 13	1 Year
5	Bilog Antenna	TESEQ	CBL6112D	35375	May.30, 13	1 Year
6	RF Cable	MIYAZAKI	CFD400-NL	3# Chamber No.1	May.08, 13	1 Year
7	Coaxial Switch	Anritsu	MP59B	M74389	May.08, 13	1 Year

4.1.2. For frequency range 1GHz~40GHz (At Anechoic Chamber)

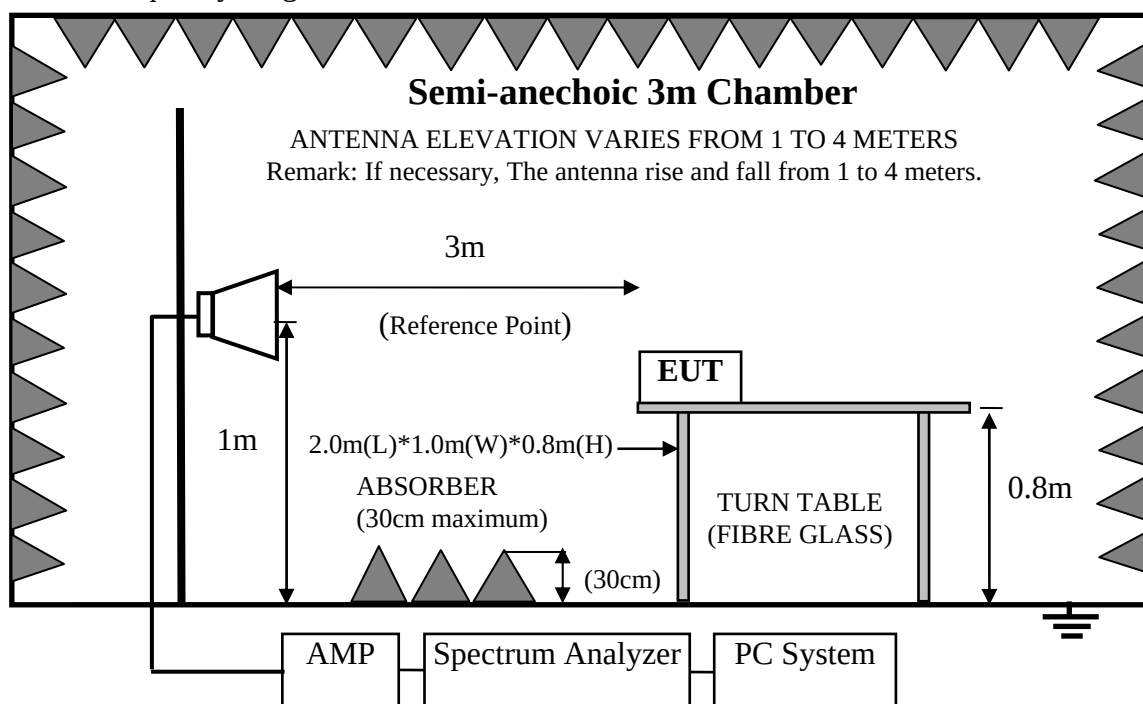
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	Spectrum Analyzer	Agilent	E4407B	MY41440292	May.08, 13	1 Year
2	Horn Antenna	EMCO	3115	9510-4580	May.28, 13	1 Year
3	Amplifier	Agilent	8449B	3008A00863	May.08, 13	1 Year
4	RF Cable	Hubersuhner	SUCOFLEX106	77980/6	May.08, 13	1 Year
5	RF Cable	Hubersuhner	SUCOFLEX106	77977/6	May.08, 13	1 Year
6	Horn Antenna	EMCO	3116	00060089	Aug.28, 13	1 Year

4.2. Block Diagram of Test Setup

For frequency range 30MHz-1000MHz



For frequency range 1GHz-40GHz



4.3.Radiated Emission Limit

4.3.1. 15.247&209 limits

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		$\mu\text{V}/\text{m}$	$\text{dB}(\mu\text{V})/\text{m}$
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
960 ~ 1000	3	500	54.0
Above 1000	3	74.0 $\text{dB}(\mu\text{V})/\text{m}$ (Peak) 54.0 $\text{dB}(\mu\text{V})/\text{m}$ (Average)	

Remark : (1) Emission level $\text{dB}\mu\text{V} = 20 \log$ Emission level $\mu\text{V}/\text{m}$

(2) The smaller limit shall apply at the cross point between two frequency bands.

(3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

4.3.2. 15.205 Restricted bands of operation

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)

All the emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

4.4.EUT Configuration on Test

The configurations of EUT are listed in Section 3.4.

4.5.Operating Condition of EUT

Same as Conducted Emission test that is listed in Section 3.5. except the test set up replaced by Section 4.2.

4.6.Test Procedure

EUT and its simulators are placed on a turn table, which is 0.8 meter high above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. Power on the EUT and let it working in test mode, then test it. EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1 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 polarization of the antenna are set on test.

This test was performed with EUT in X, Y, Z position, and the worse case was found when EUT in X position as test photo indicated.

The bandwidth of the EMI test receiver (R&S ESVS10) is set at 120kHz for frequency range from 30MHz to 1000 MHz.

The bandwidth of the Spectrum's VBW is set at 3MHz and RBW is set at 1MHz for peak emissions measurement above 1GHz and 1MHz RBW, 10Hz VBW for average emissions measure above 1GHz

The frequency range from 30MHz to 10th harmonic (40GHz) are checked. and no any emissions were found from 18GHz to 40 GHz, So the radiated emissions from 18GHz to 40GHz were not record.

4.7.Radiated Emission Test Results

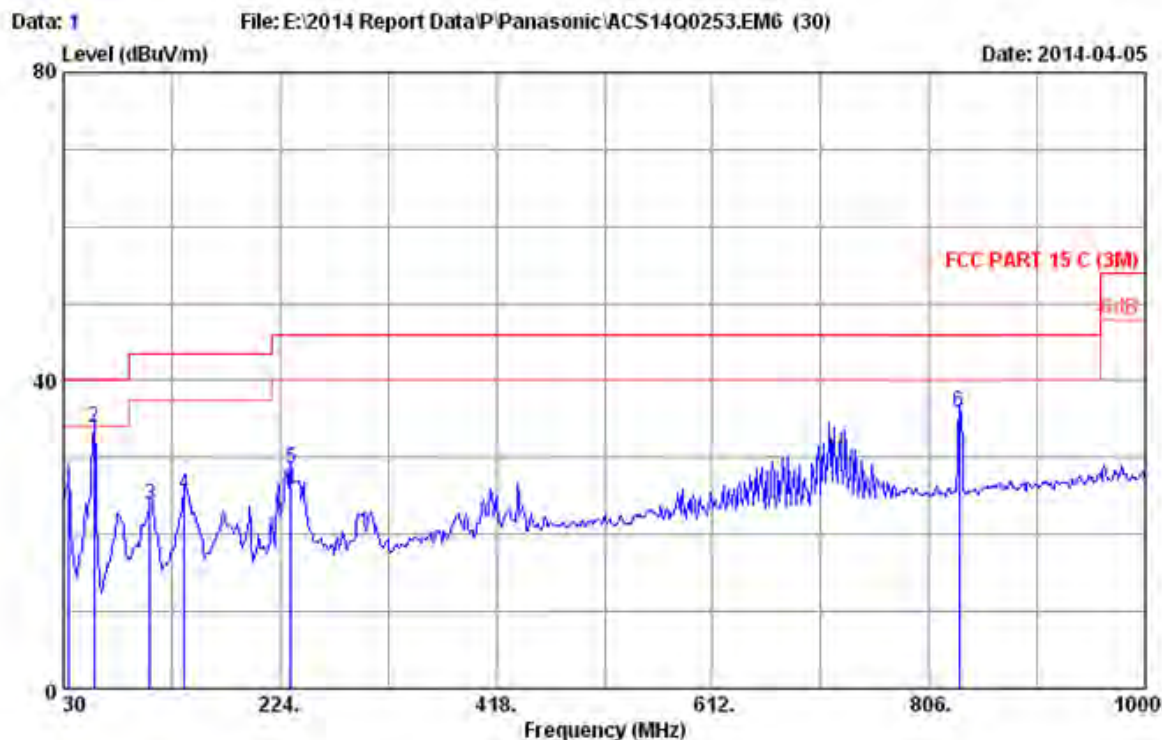
PASS.

All the emissions from 30MHz to 40 GHz were comply with 15.209 limits.

Note: For emissions above 1GHz, if peak level comply with average limit, then the average level is deemed to comply with average limit.

2.4G:

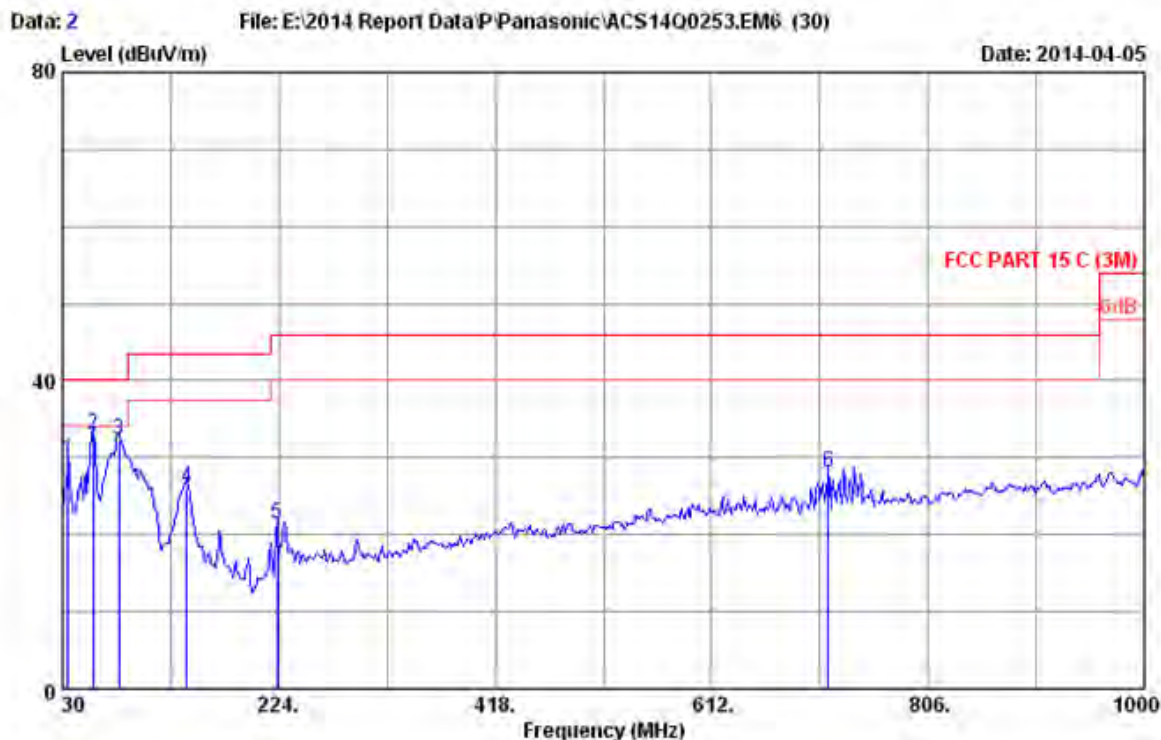
Frequency: 30MHz~1GHz



Site no. : 3m Chamber Data no. : 1
 Dis. / Ant. : 3m 2013 CBL6112D 35375 Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 C (3M)
 Env. / Ins. : 24°C/65% Engineer : Even_Deng
 EUT : Wireless Speaker System
 Power rating : AC 120V/60Hz
 Test Mode : Tx Mode (WIFI 2.4G)
 M/N:SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	34.850	17.09	0.92	8.38	26.39	40.00	13.61	QP
2	57.160	7.07	1.22	25.64	33.93	40.00	6.07	QP
3	107.600	12.08	1.44	10.41	23.93	43.50	19.57	QP
4	138.640	12.20	1.56	11.48	25.24	43.50	18.26	QP
5	233.700	11.59	1.92	15.01	28.52	46.00	17.48	QP
6	833.160	21.06	3.71	11.19	35.96	46.00	10.04	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



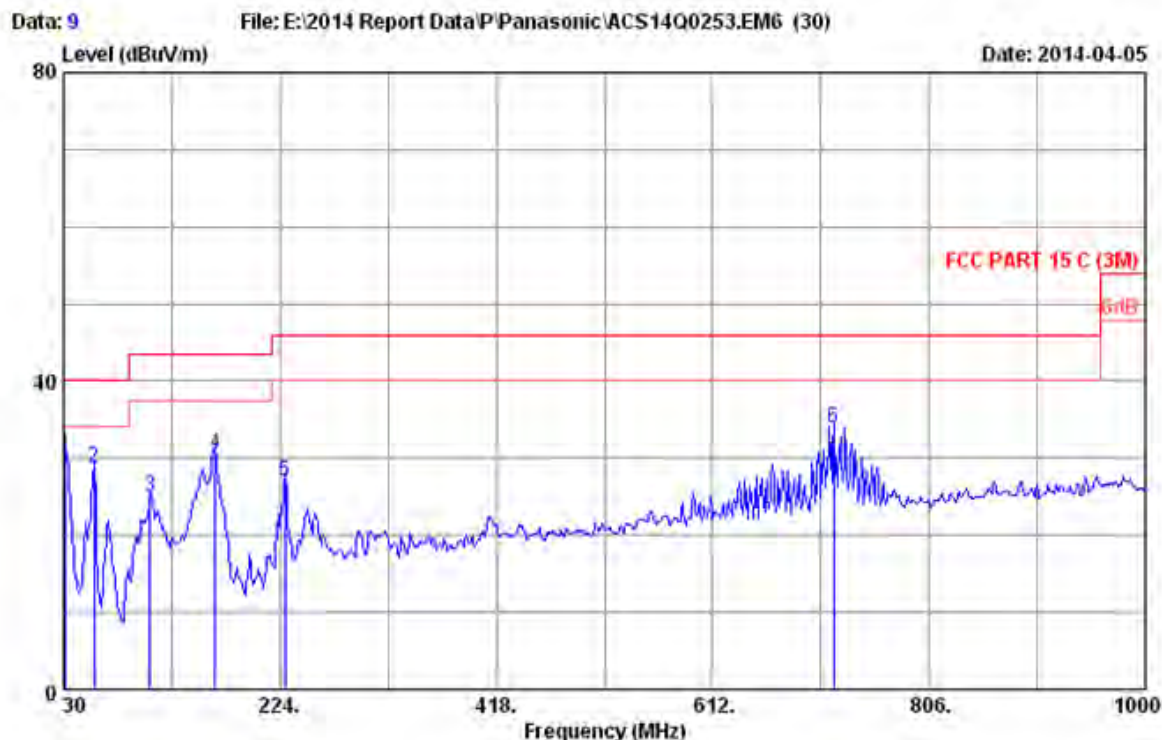
Site no. : 3m Chamber Data no. : 2
 Dis. / Ant. : 3m 2013 CBL6112D 35375 Ant. pol. : VERTICAL
 Limit : FCC PART 15 C (3M)
 Env. / Ins. : 24°C/65% Engineer : Even_Deng
 EUT : Wireless Speaker System
 Power rating : AC 120V/60Hz
 Test Mode : Tx Mode (WIFI 2.4G)
 M/N:SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	34.850	17.09	0.92	11.52	29.53	40.00	10.47	QP
2	57.160	7.07	1.22	24.78	33.07	40.00	6.93	QP
3	80.440	7.67	1.32	23.38	32.37	40.00	7.63	QP
4	141.550	11.89	1.57	12.68	26.14	43.50	17.36	QP
5	222.060	10.70	1.87	8.76	21.33	46.00	24.67	QP
6	716.760	19.90	3.37	4.70	27.97	46.00	18.03	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

5.8G:

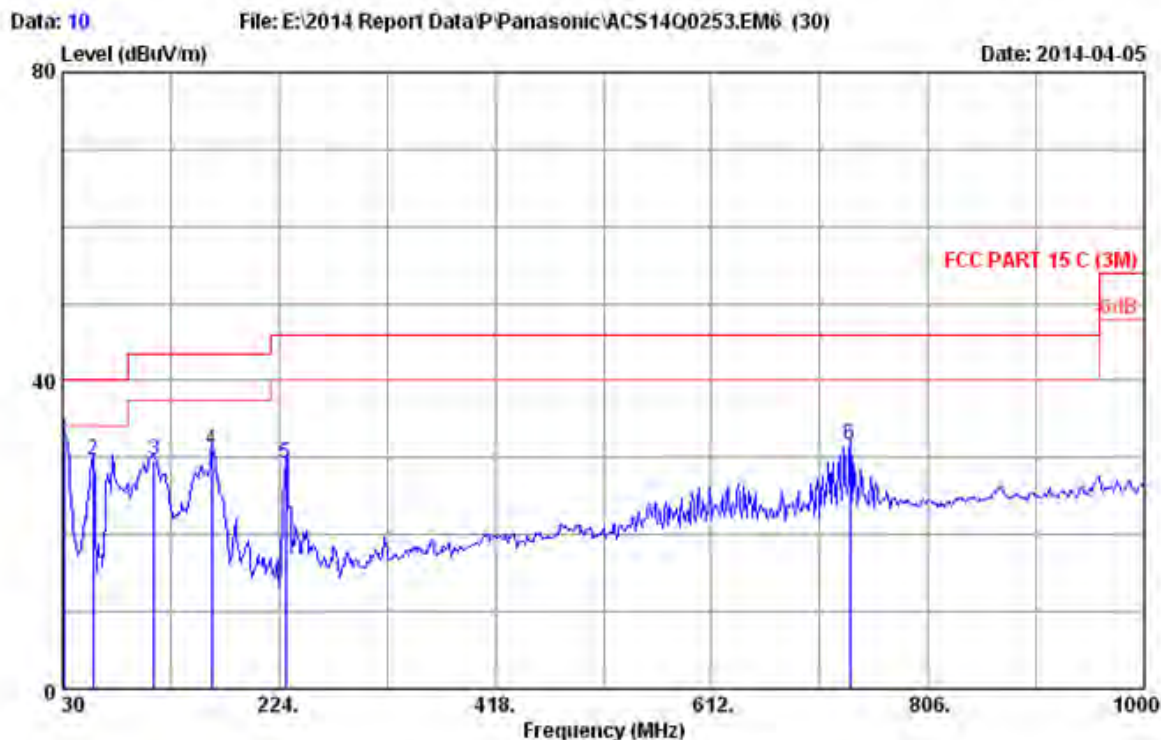
Frequency: 30MHz~1GHz



Site no. : 3m Chamber Data no. : 9
 Dis. / Ant. : 3m 2013 CBL6112D 35375 Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 C (3M)
 Env. / Ins. : 24°C/65% Engineer : Even_Deng
 EUT : Wireless Speaker System
 Power rating : AC 120V/60Hz
 Test Mode : Tx Mode (WIFI 5.8G)
 M/N:SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	31.940	18.84	0.86	10.86	30.56	40.00	9.44	QP
2	57.160	7.07	1.22	20.45	28.74	40.00	11.26	QP
3	107.600	12.08	1.44	11.41	24.93	43.50	18.57	QP
4	165.800	10.51	1.66	18.32	30.49	43.50	13.01	QP
5	228.850	11.14	1.90	13.97	27.01	46.00	18.99	QP
6	720.640	19.90	3.38	10.53	33.81	46.00	12.19	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



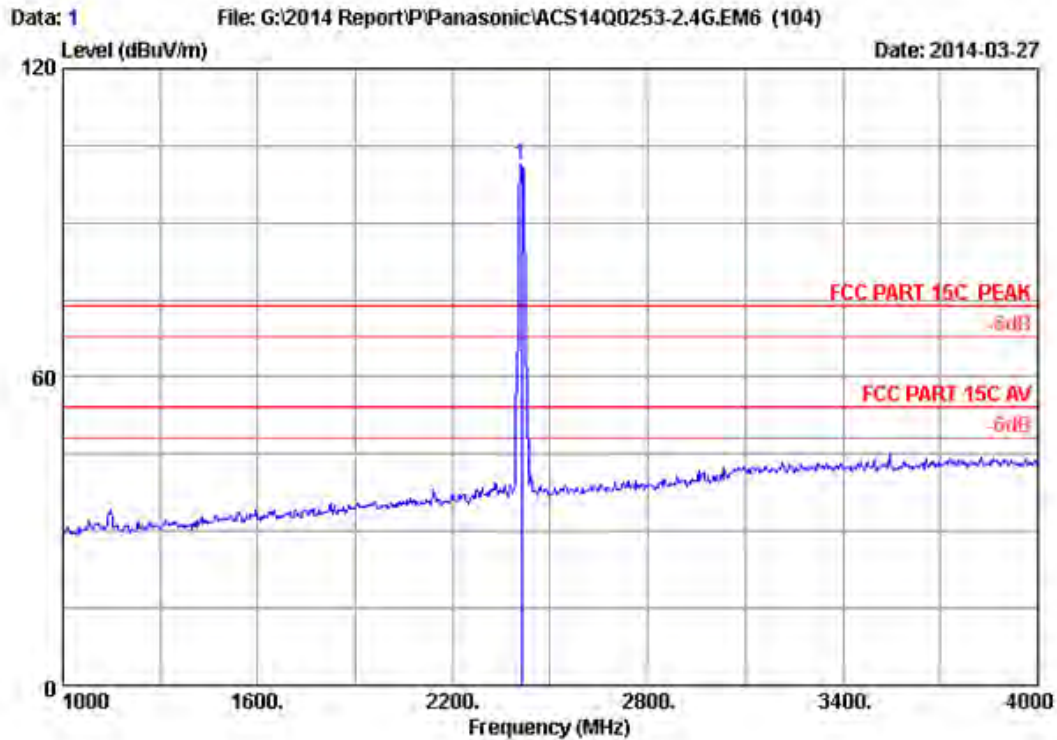
Site no. : 3m Chamber Data no. : 10
 Dis. / Ant. : 3m 2013 CBL6112D 35375 Ant. pol. : VERTICAL
 Limit : FCC PART 15 C (3M)
 Env. / Ins. : 24°C/65% Engineer : Even Deng
 EUT : Wireless Speaker System
 Power rating : AC 120V/60Hz
 Test Mode : Tx Mode (WIFI 5.8G)
 M/N:SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	31.940	18.84	0.86	12.59	32.29	40.00	7.71	QP
2	57.160	7.07	1.22	21.24	29.53	40.00	10.47	QP
3	112.450	12.45	1.46	15.64	29.55	43.50	13.95	QP
4	163.860	10.61	1.65	18.64	30.90	43.50	12.60	QP
5	229.820	11.19	1.90	16.21	29.30	46.00	16.70	QP
6	736.160	20.22	3.43	7.92	31.57	46.00	14.43	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

2.4G:

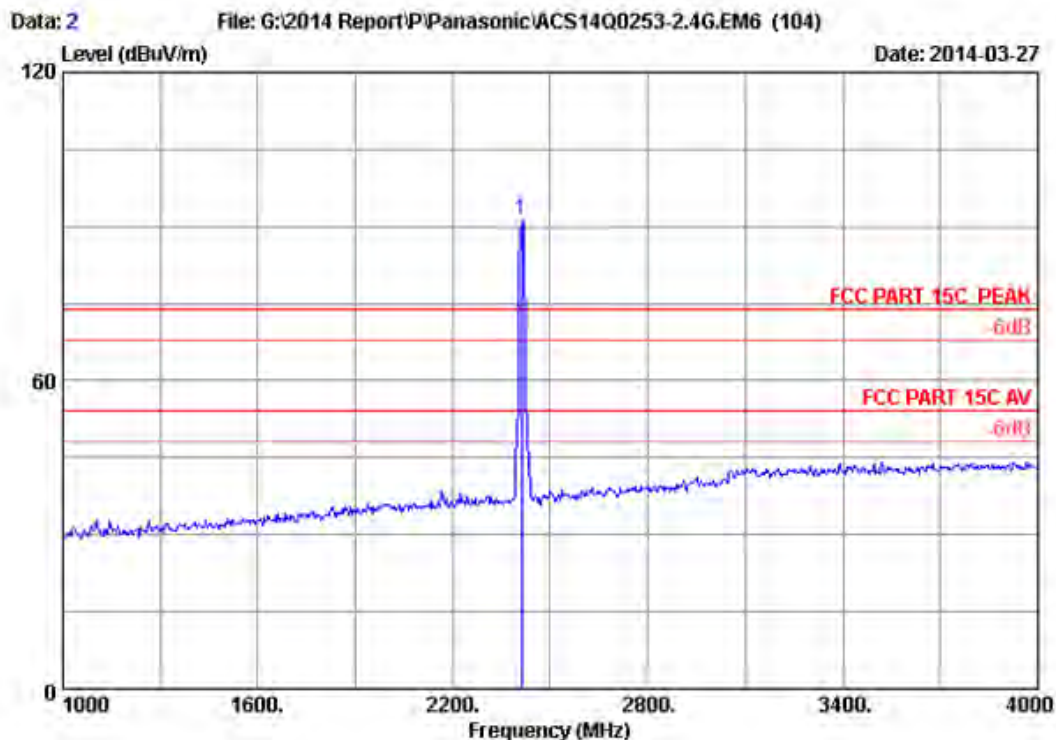
Frequency: 1GHz~18GHz



Site no. : 3m Chamber Data no. : 1
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11b 2412MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.000	28.21	5.81	35.70	102.90	101.22	74.00	-27.22	Peak

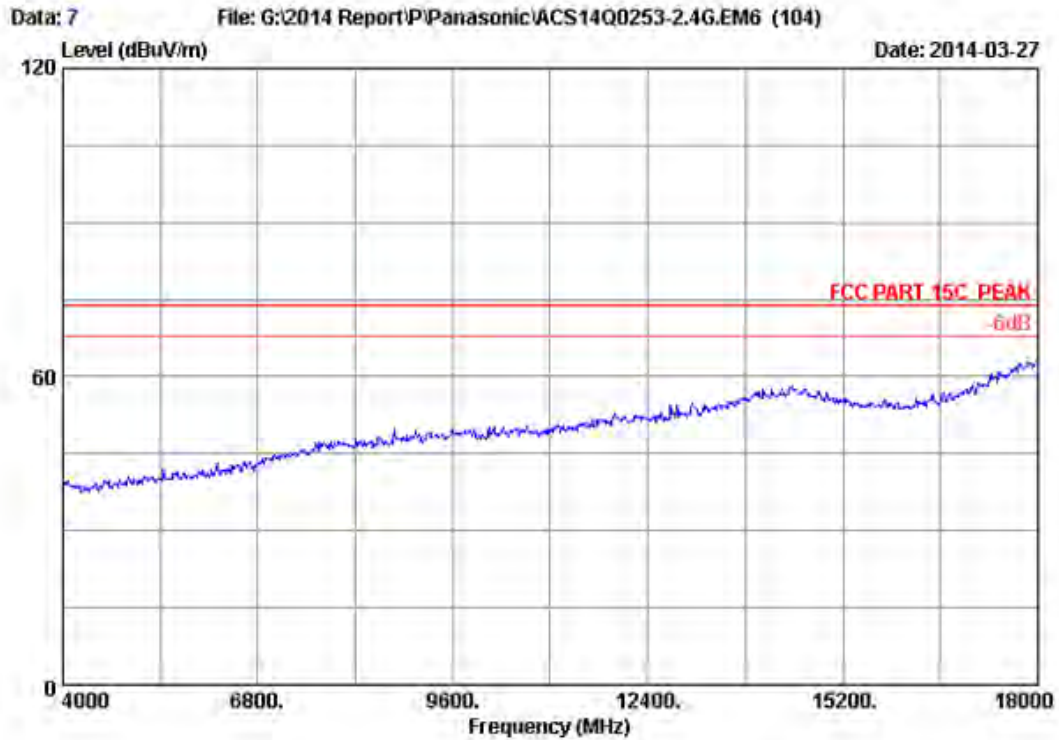
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



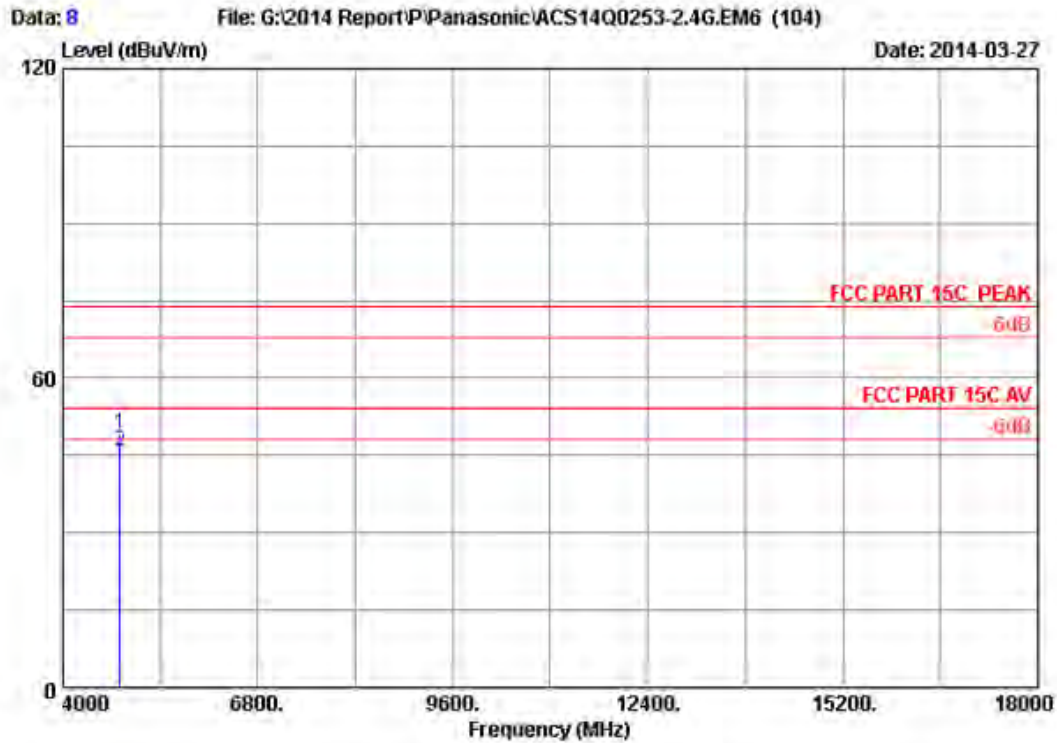
Site no. : 3m Chamber Data no. : 2
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11b 2412MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.000	28.21	5.81	35.70	92.78	91.10	74.00	-17.10	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



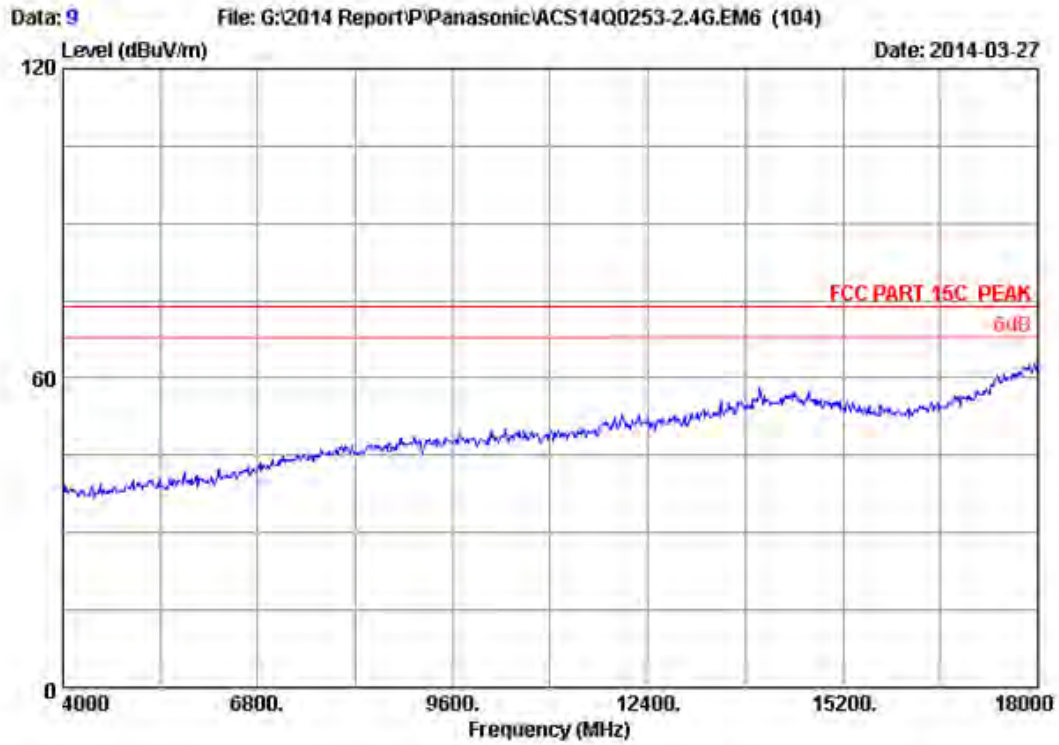
Site no.	: 3m Chamber	Data no.	: 7
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11b 2412MHz Tx		
M/N	: SC-ALL3		



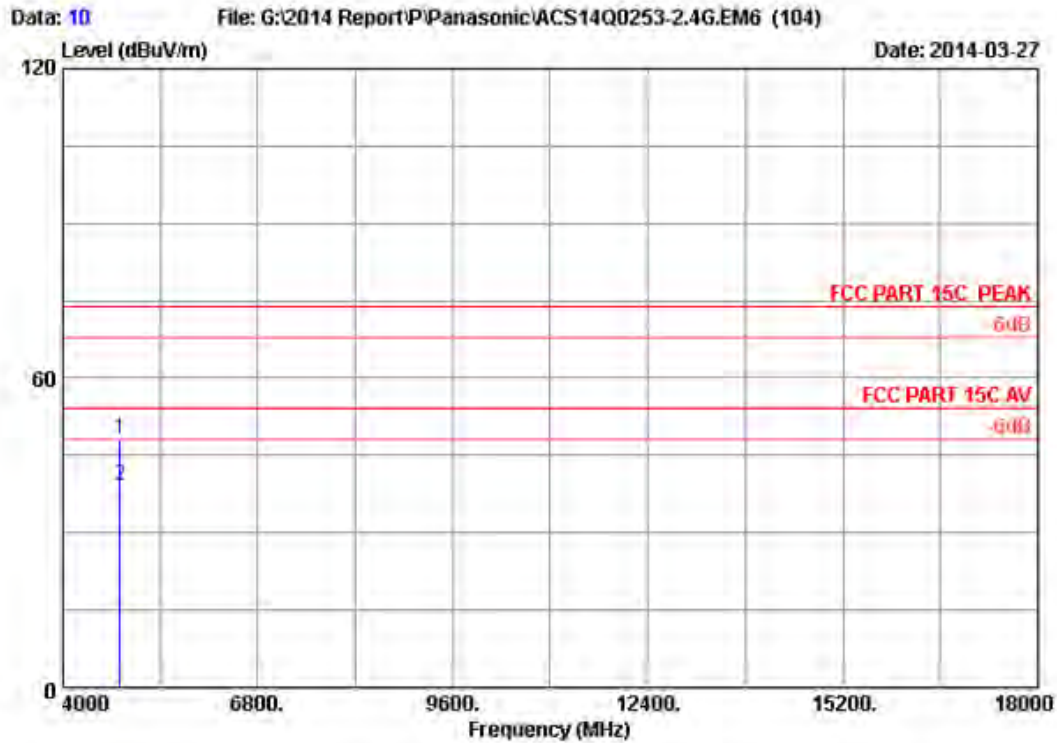
Site no. : 3m Chamber Data no. : 8
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11b 2412MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.000	32.88	8.58	35.70	43.44	49.20	74.00	24.80	Peak
2	4824.000	32.88	8.58	35.70	40.16	45.92	54.00	8.08	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



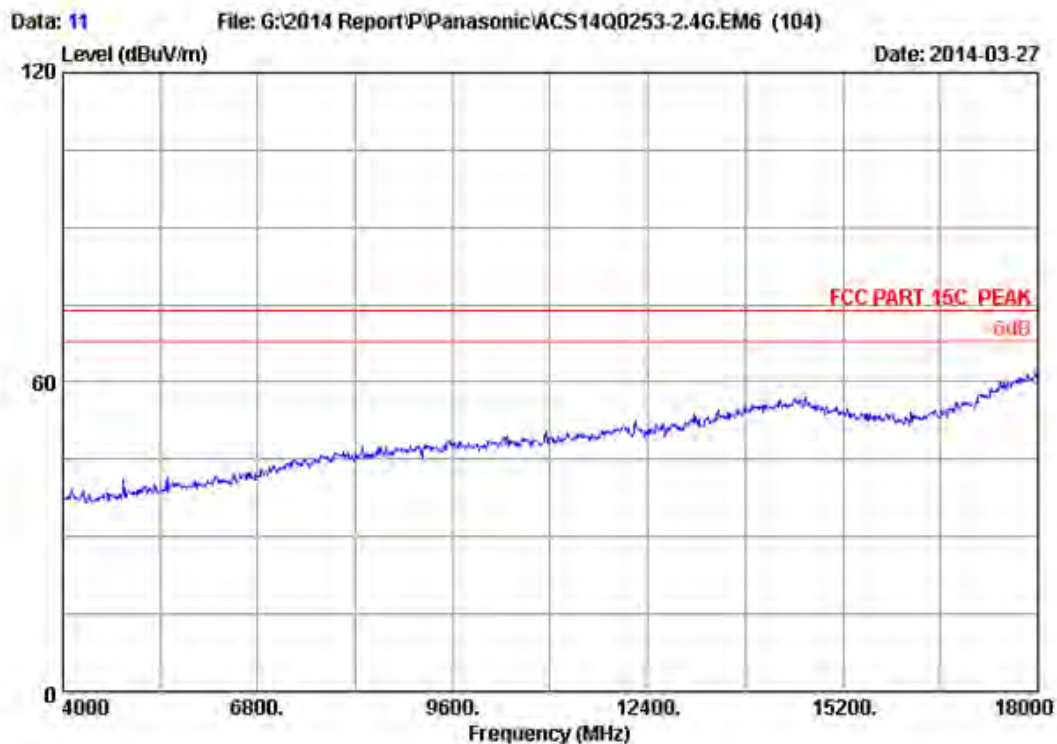
Site no. : 3m Chamber	Data no. : 9
Dis. / Ant. : 3m 2013 3115 (4580)	Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK	
Env. / Ins. : 24°C/56%	Engineer : Leo-Li
EUT : Wireless Speaker System	
Power Rating : AC 120V/60Hz	
Test Mode : IEEE802.11b 2412MHz Tx	
M/N : SC-ALL3	



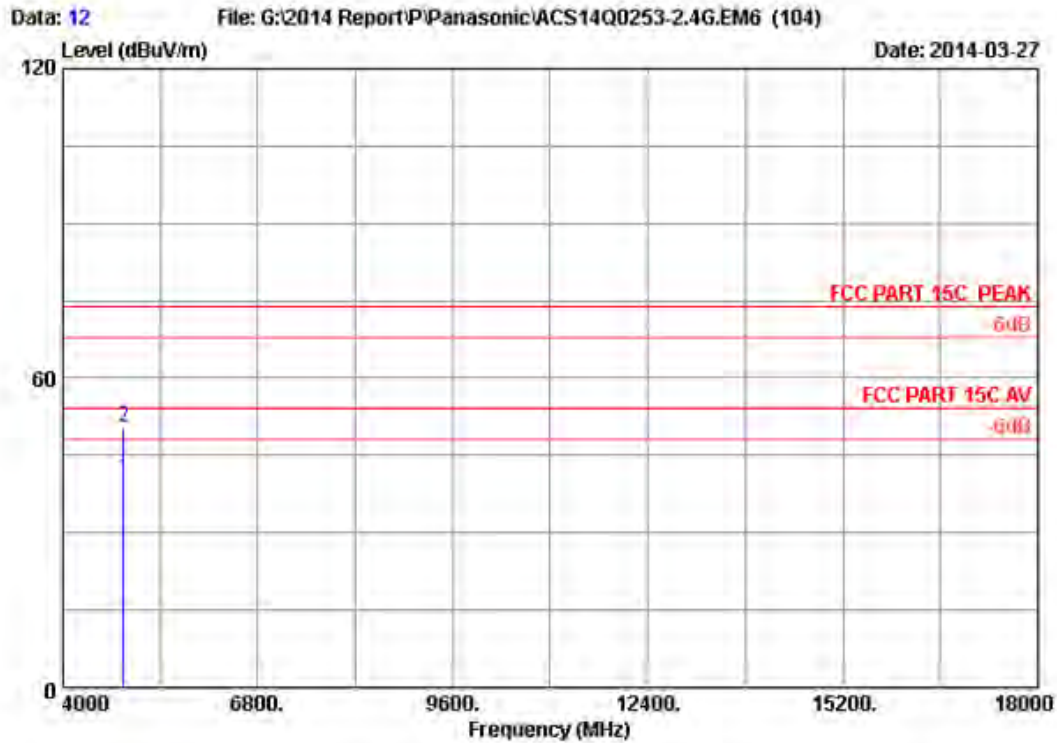
Site no. : 3m Chamber Data no. : 10
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11b 2412MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Reading (dBuV)	Emission			Margin	Remark
		Factor (dB/m)	Loss (dB)	factor (dB)		Level (dBuV/m)	Limits (dBuV/m)	(dB)		
1	4824.000	32.88	8.58	35.70	42.43	48.19	74.00	25.81	Peak	
2	4824.000	32.88	8.58	35.70	33.24	39.00	54.00	15.00	Average	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



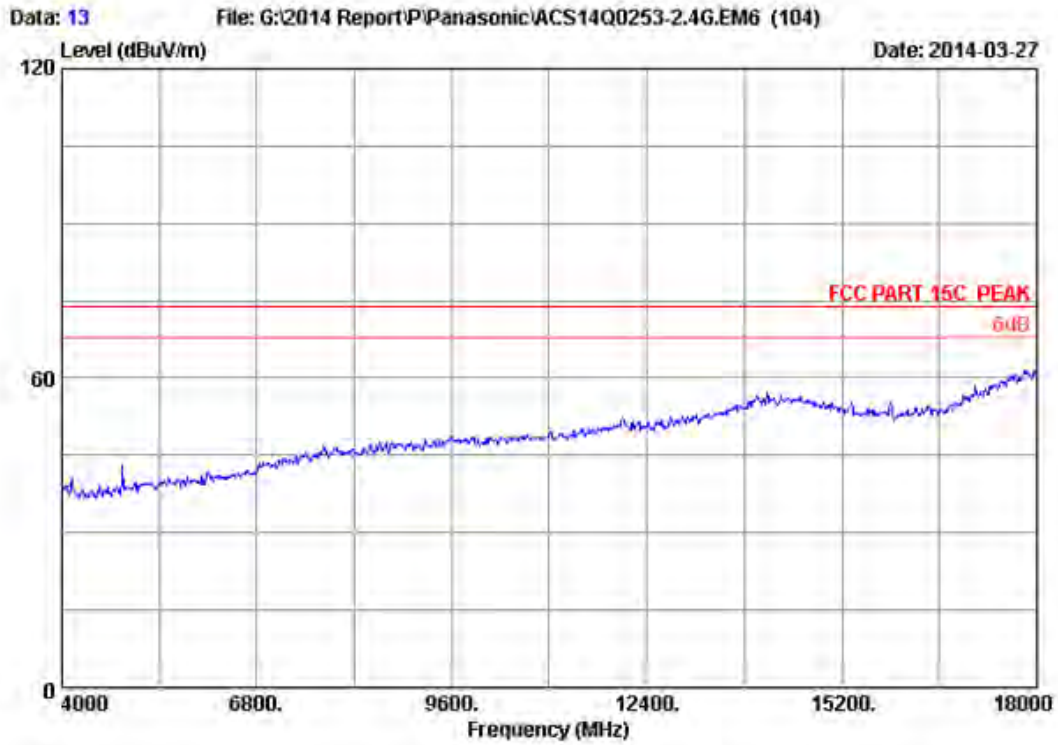
Site no. : 3m Chamber	Data no. : 11
Dis. / Ant. : 3m 2013 3115 (4580)	Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK	
Env. / Ins. : 24°C/56%	Engineer : Leo-Li
EUT : Wireless Speaker System	
Power Rating : AC 120V/60Hz	
Test Mode : IEEE802.11b 2437MHz Tx	
M/N : SC-ALL3	



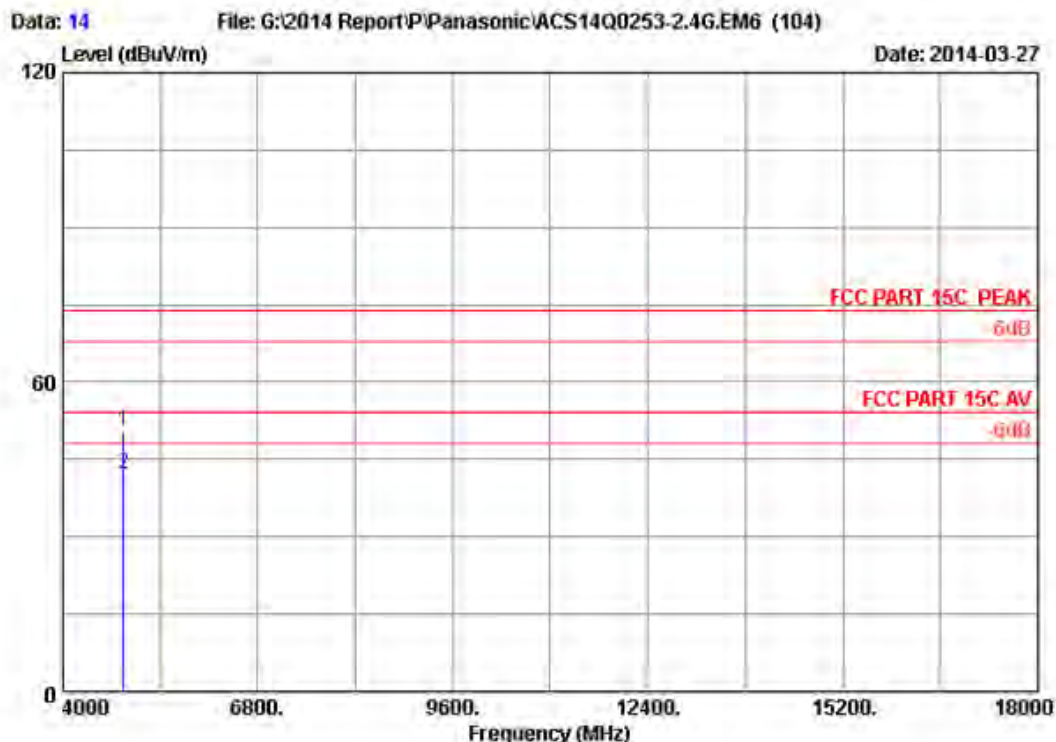
Site no. : 3m Chamber Data no. : 12
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11b 2437MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Reading (dBuV)	Emission			Margin	Remark
		Factor (dB/m)	Loss (dB)	factor (dB)		Level (dBuV/m)	Limits (dBuV/m)	(dB)		
1	4874.000	32.97	8.63	35.70	34.48	40.38	54.00	13.62	Average	
2	4874.000	32.97	8.63	35.70	44.63	50.53	74.00	23.47	Peak	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



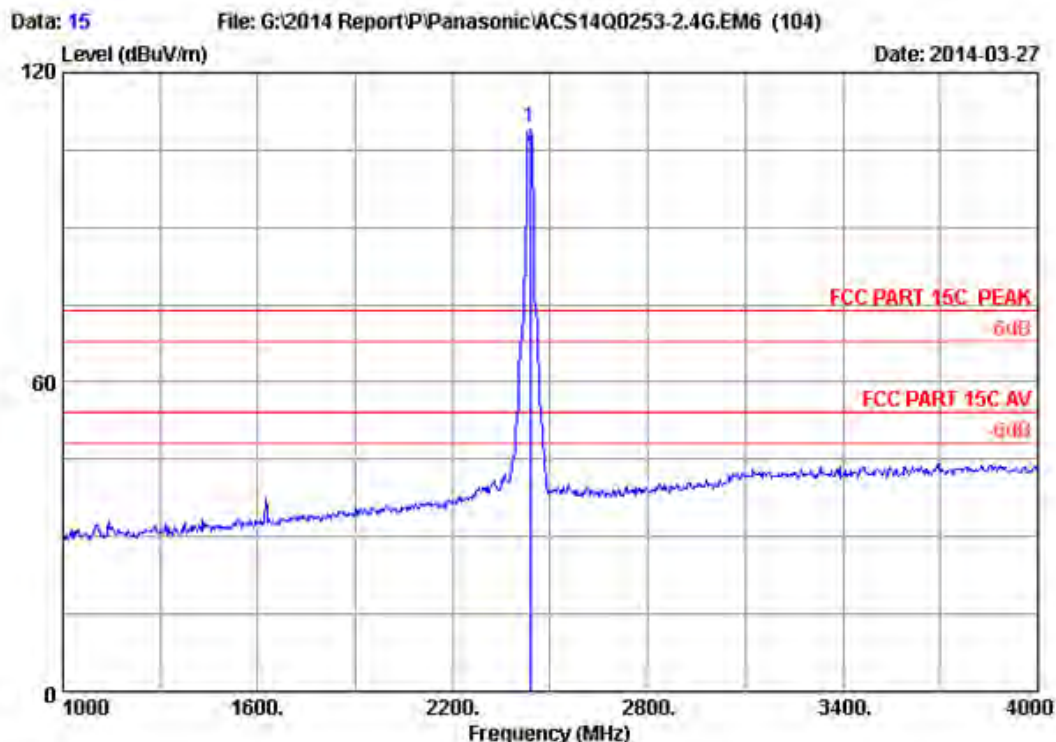
Site no.	: 3m Chamber	Data no.	: 13
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11b 2437MHz Tx		
M/N	: SC-ALL3		



Site no. : 3m Chamber Data no. : 14
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11b 2437MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Reading (dBuV)	Emission		Margin	Remark
		Factor (dB/m)	Loss (dB)	factor (dB)		Level (dBuV/m)	Limits (dBuV/m)		
1	4874.000	32.97	8.63	35.70	44.72	50.62	74.00	23.38	Peak
2	4874.000	32.97	8.63	35.70	36.28	42.18	54.00	11.82	Average

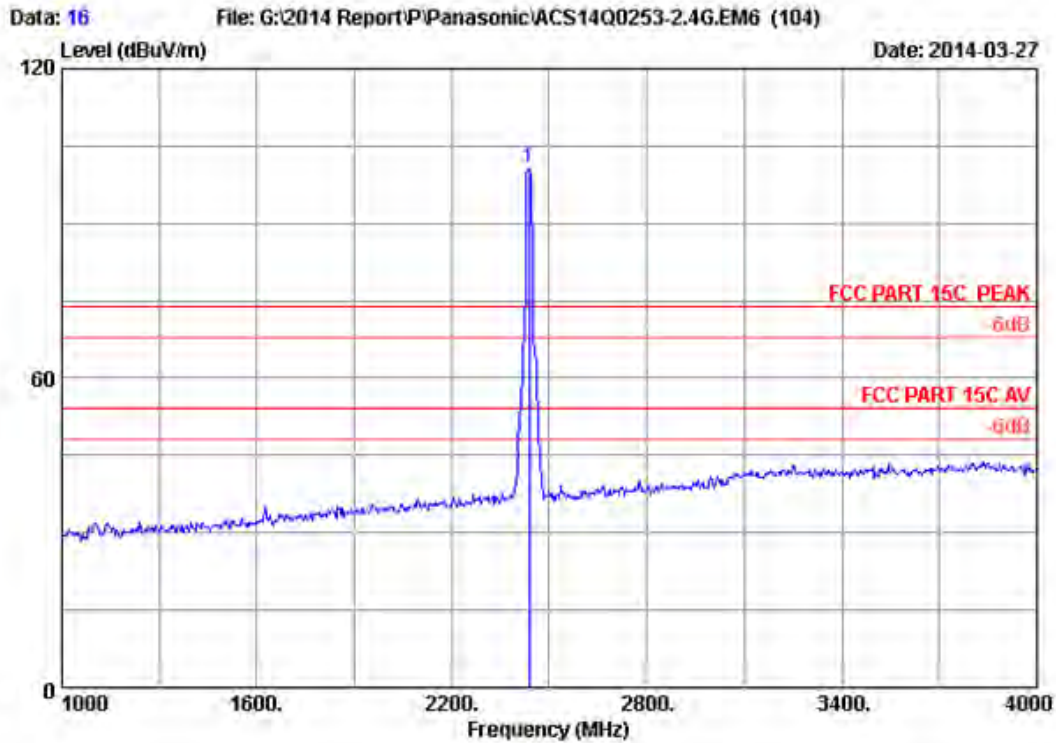
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 15
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11b 2437MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	
1	2437.000	28.26	5.85	35.70	110.82	109.23	74.00	-35.23	Peak

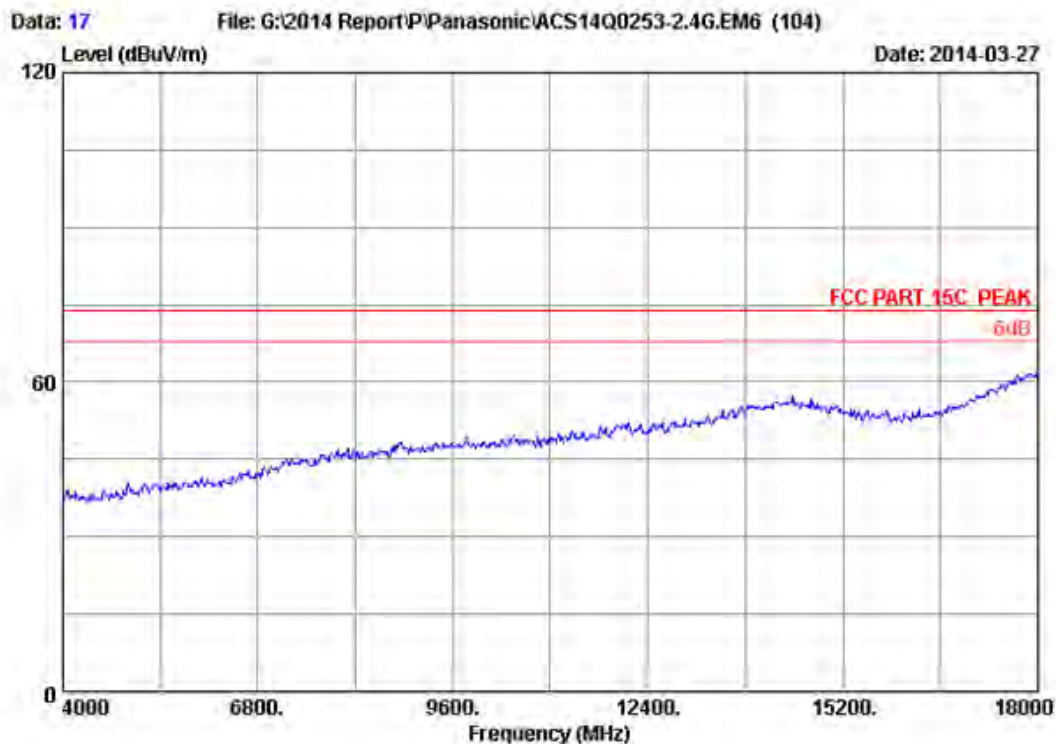
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



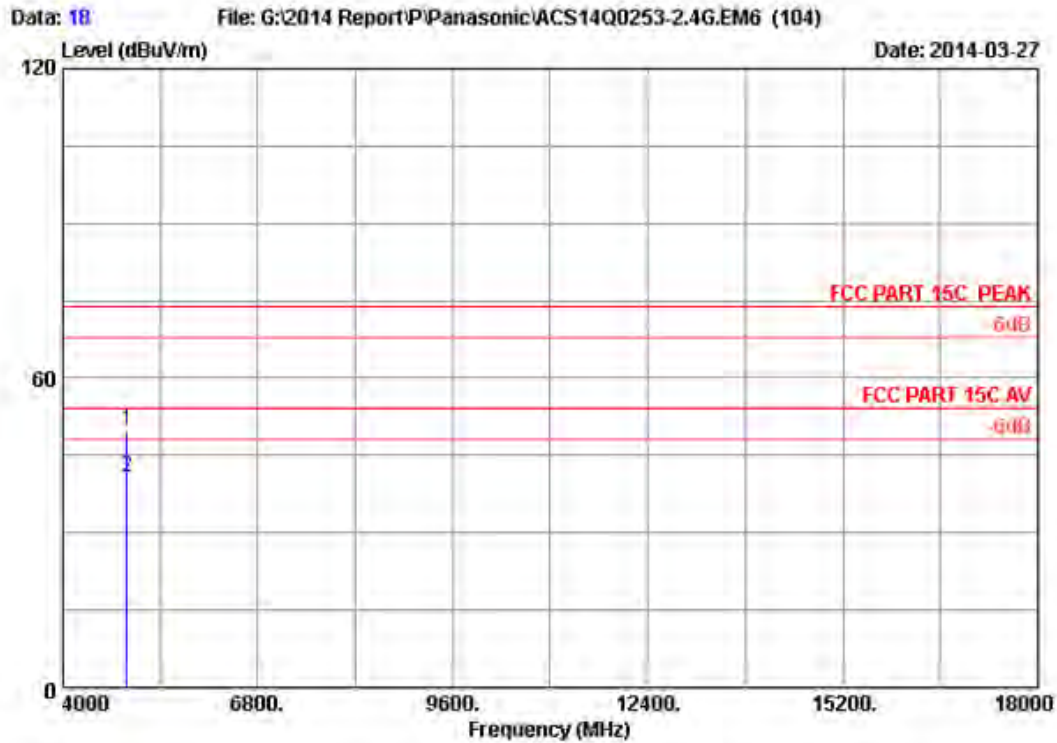
Site no. : 3m Chamber Data no. : 16
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11b 2437MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	
1	2437.000	28.26	5.85	35.70	102.10	100.51	74.00	-26.51	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



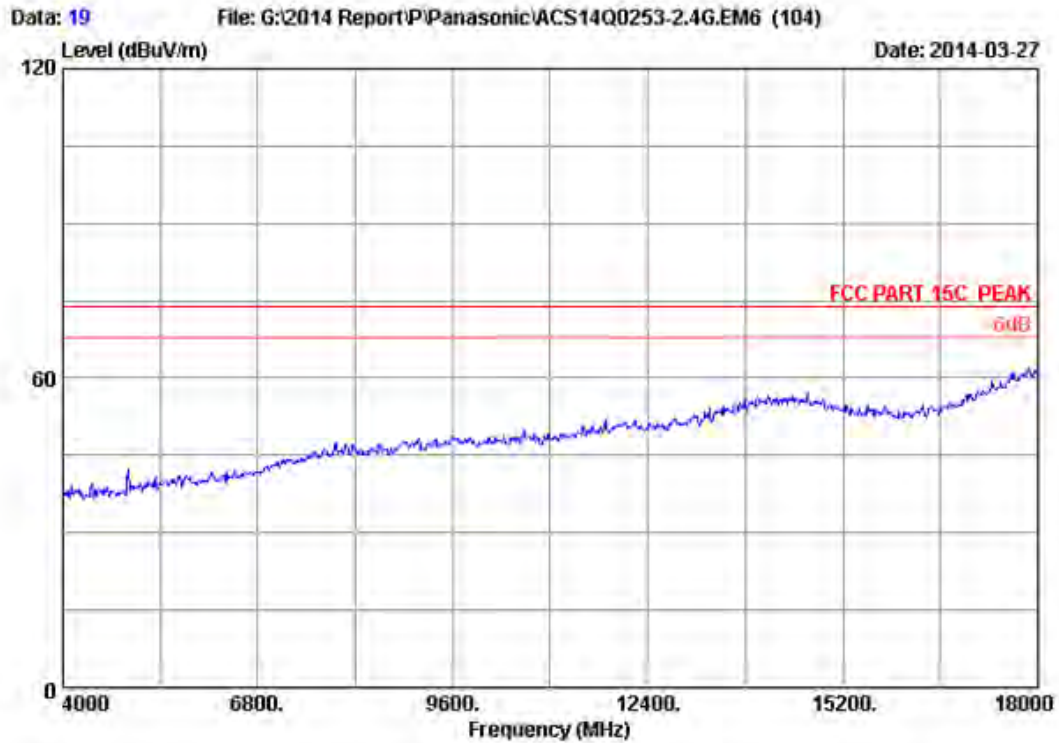
Site no.	: 3m Chamber	Data no.	: 17
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11b 2462MHz Tx		
M/N	: SC-ALL3		



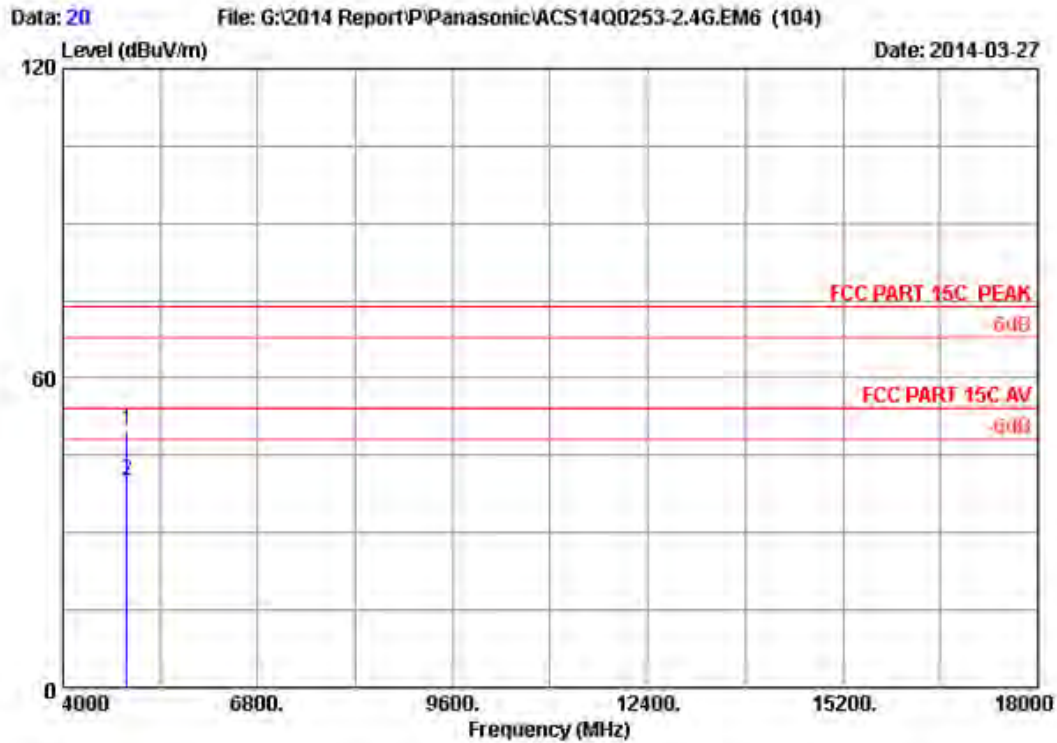
Site no. : 3m Chamber Data no. : 1B
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol.: VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11b 2462MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4924.000	33.06	8.69	35.70	43.60	49.65	74.00	24.35	Peak
2	4924.000	33.06	8.69	35.70	34.58	40.63	54.00	13.37	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



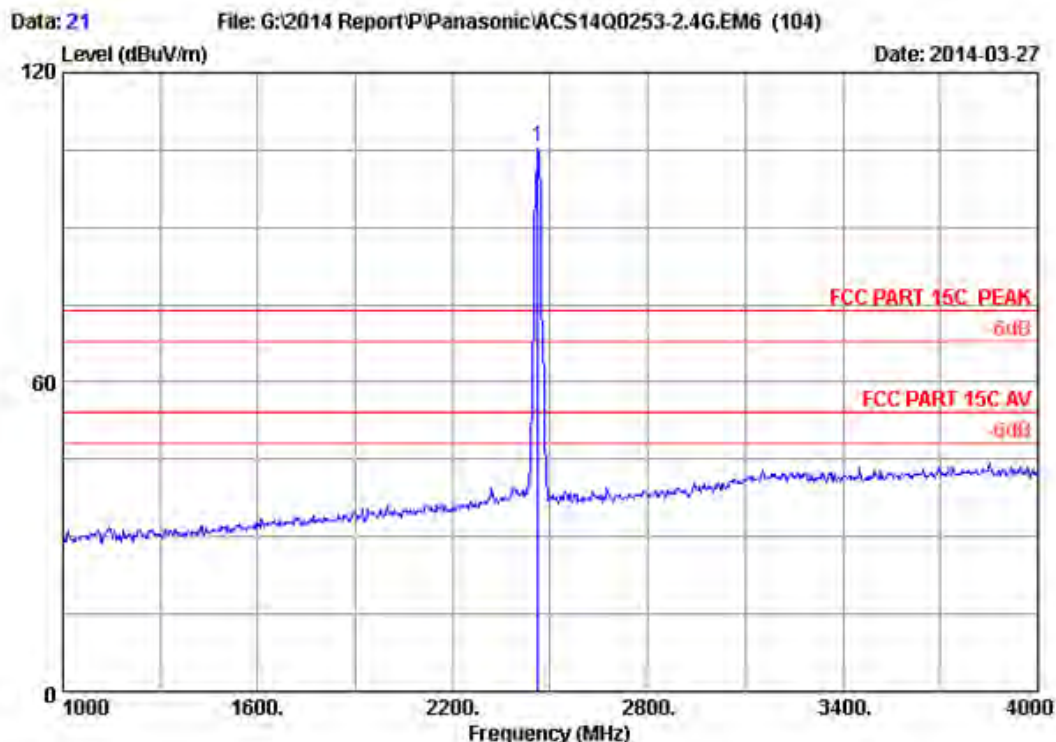
Site no. : 3m Chamber	Data no. : 19
Dis. / Ant. : 3m 2013 3115 (4580)	Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK	
Env. / Ins. : 24°C/56%	Engineer : Leo-Li
EUT : Wireless Speaker System	
Power Rating : AC 120V/60Hz	
Test Mode : IEEE802.11b 2462MHz Tx	
M/N : SC-ALL3	



Site no. : 3m Chamber Data no. : 20
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11b 2462MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Reading (dBuV)	Emission			Margin	Remark
		Factor (dB/m)	Loss (dB)	factor (dB)		Level (dBuV/m)	Limits (dBuV/m)	(dB)		
1	4924.000	33.06	8.69	35.70	43.73	49.78	74.00	24.22	Peak	
2	4924.000	33.06	8.69	35.70	34.00	40.05	54.00	13.95	Average	

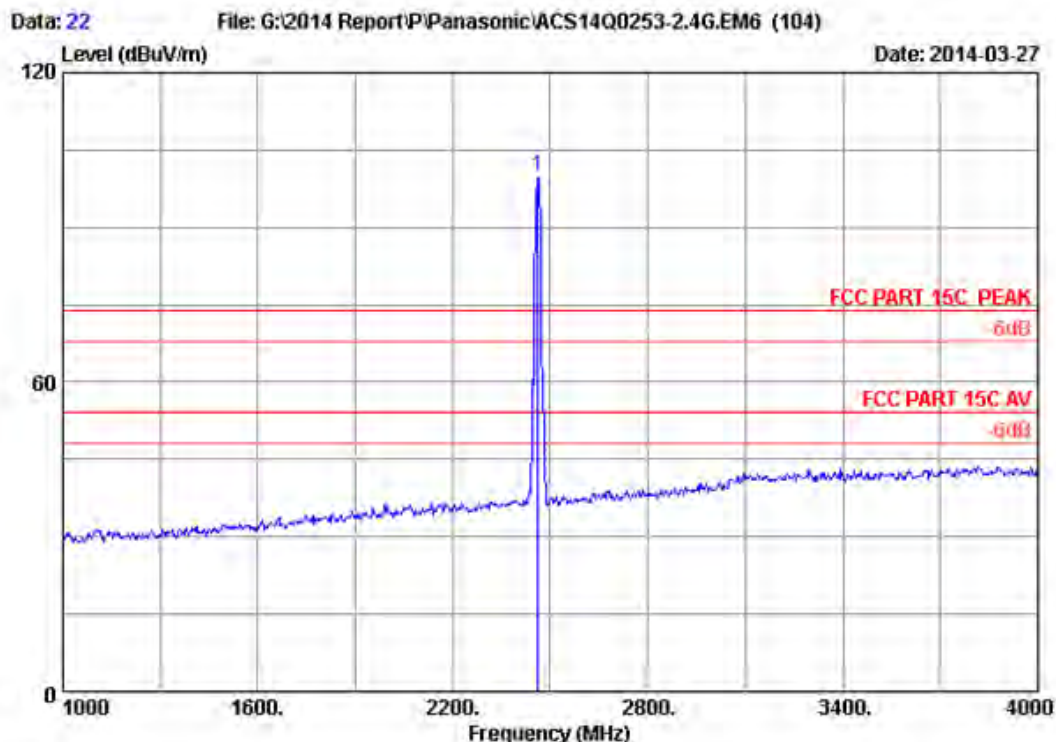
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 21
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11b 2462MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2462.000	28.32	5.89	35.70	107.14	105.65	74.00	-31.65	Peak

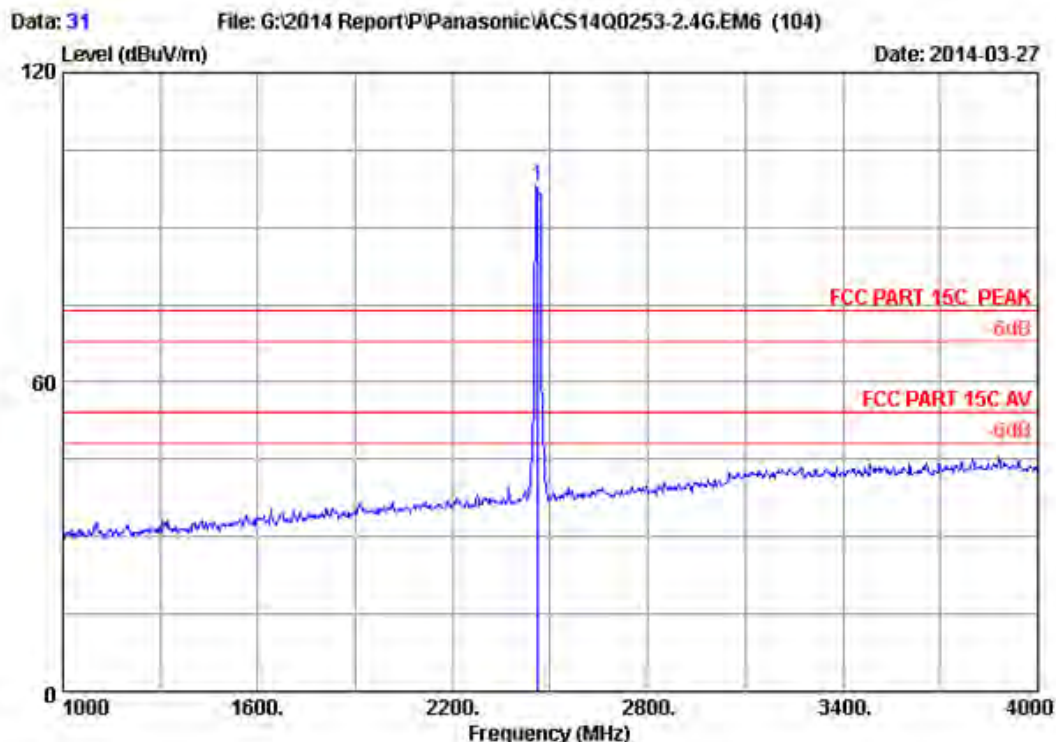
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 22
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11b 2462MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2462.000	28.32	5.89	35.70	101.41	99.92	74.00	-25.92	Peak

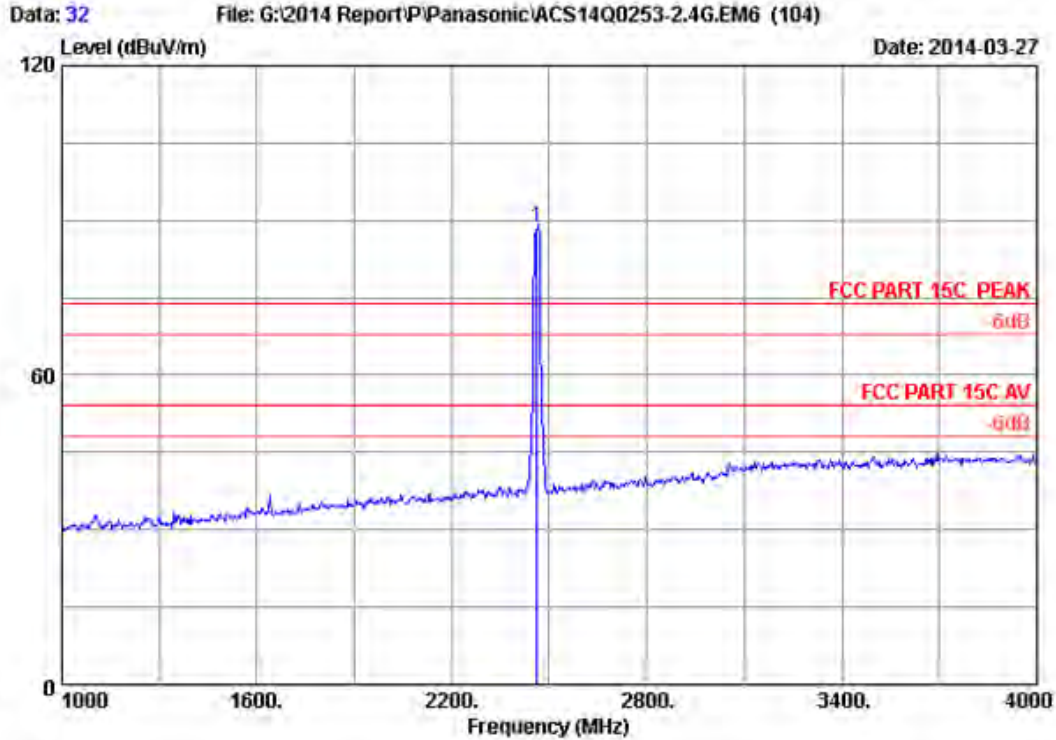
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 31
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11g 2462MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2462.000	28.32	5.89	35.70	99.41	97.92	74.00	-23.92	Peak

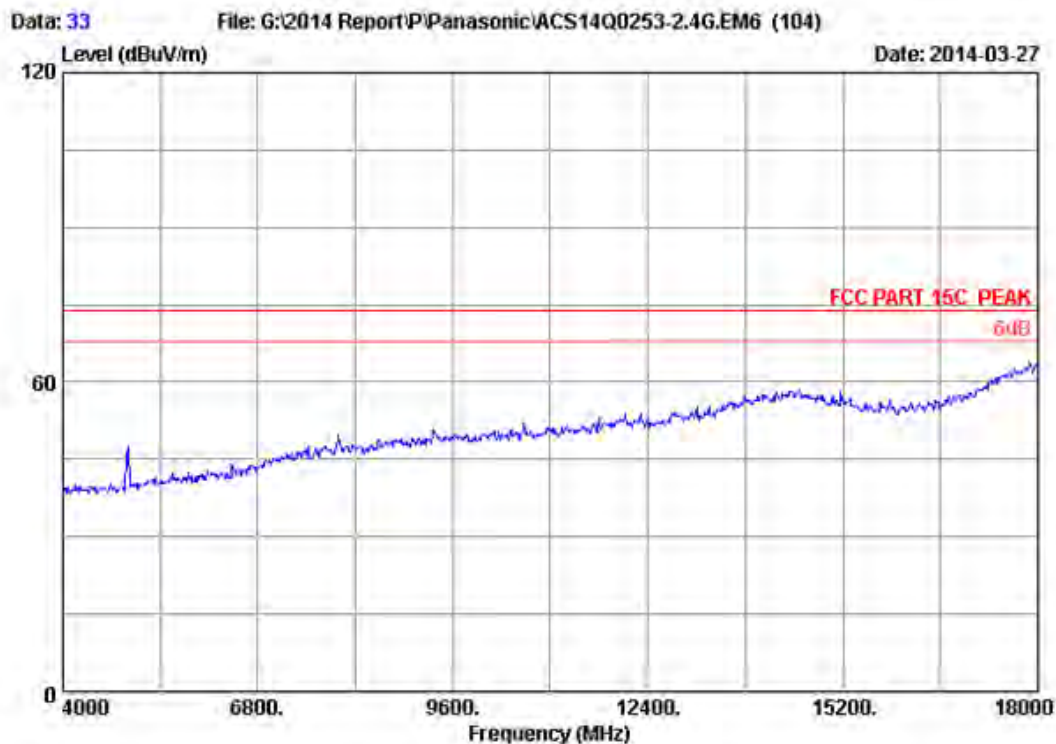
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



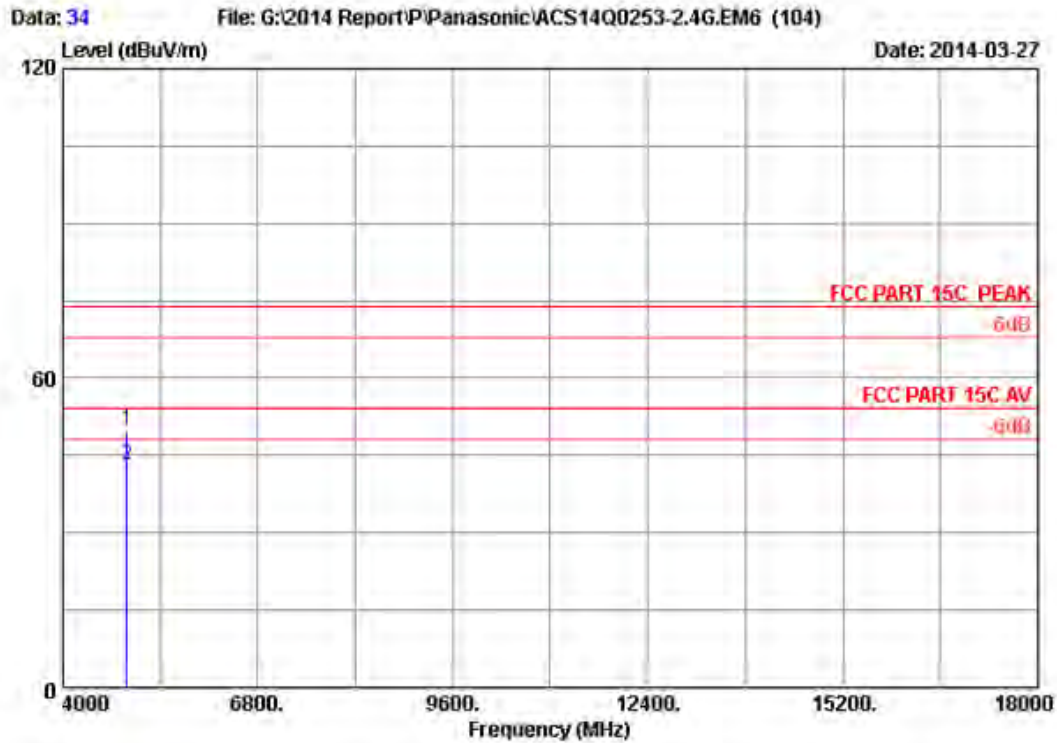
Site no. : 3m Chamber Data no. : 32
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11g 2462MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2462.000	28.32	5.89	35.70	90.07	88.58	74.00	-14.58	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



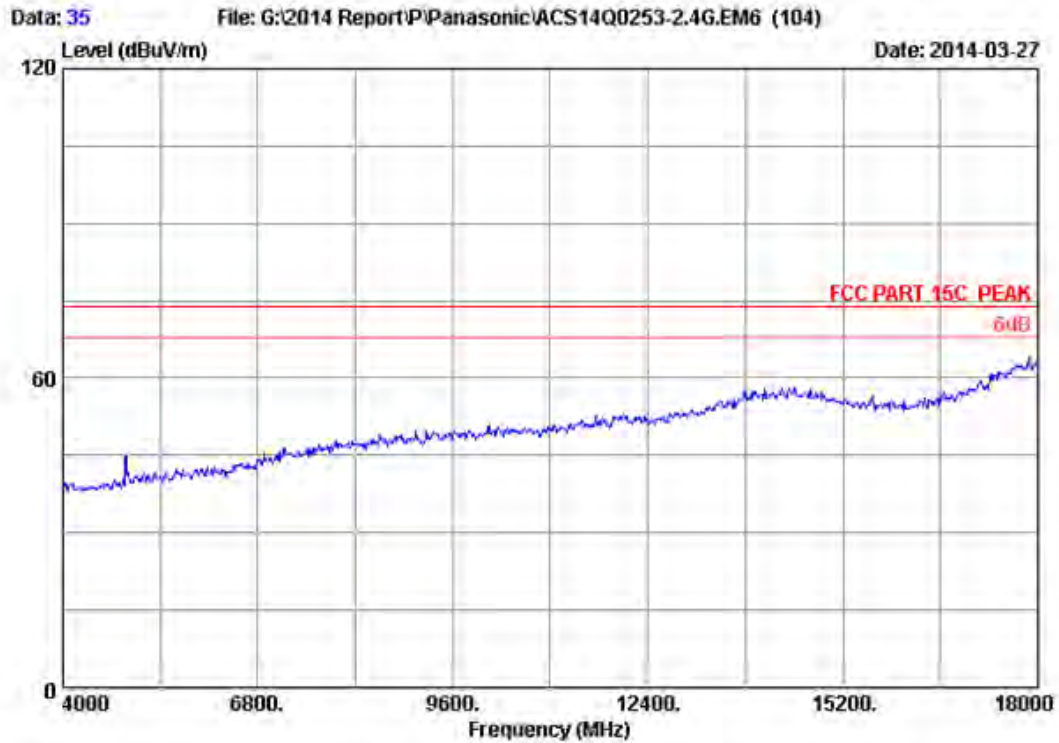
Site no. :	3m Chamber	Data no. :	33
Dis. / Ant. :	3m 2013 3115 (4580)	Ant. pol. :	HORIZONTAL
Limit :	FCC PART 15C PEAK	Engineer :	Leo-Li
Env. / Ins. :	24°C/56%		
EUT :	Wireless Speaker System		
Power Rating :	AC 120V/60Hz		
Test Mode :	IEEE802.11g 2462MHz Tx		
M/N :	SC-ALL3		



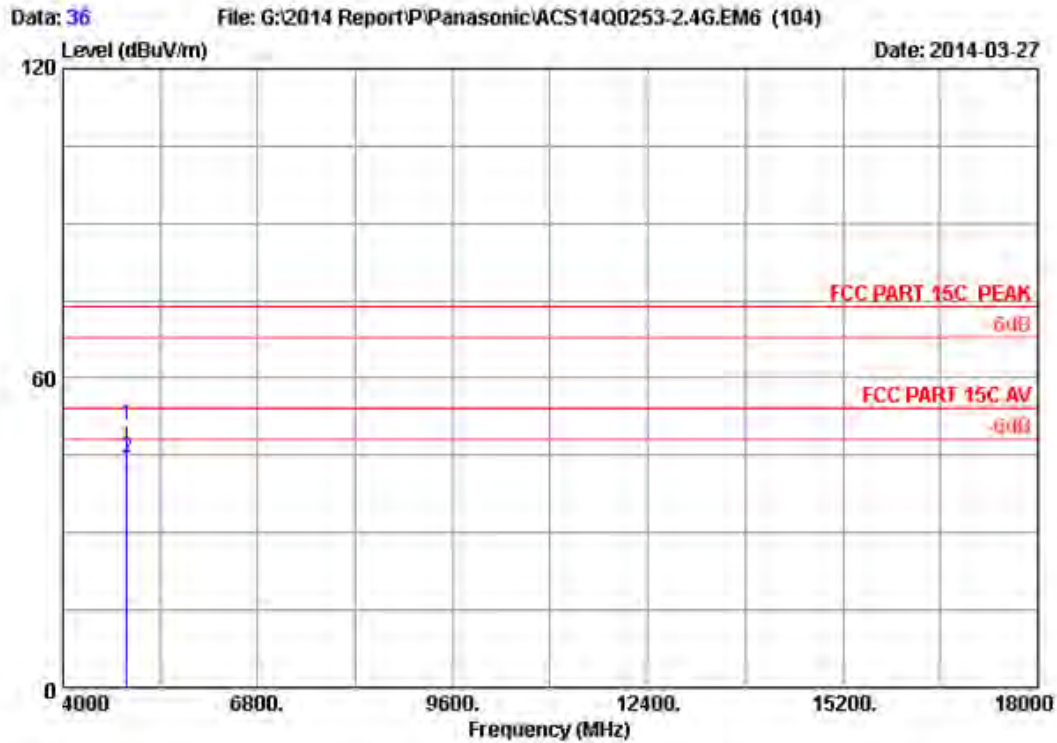
Site no. : 3m Chamber Data no. : 34
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11g 2462MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4924.000	33.06	8.69	35.70	43.74	49.79	74.00	24.21	Peak
2	4924.000	33.06	8.69	35.70	37.21	43.26	54.00	10.74	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



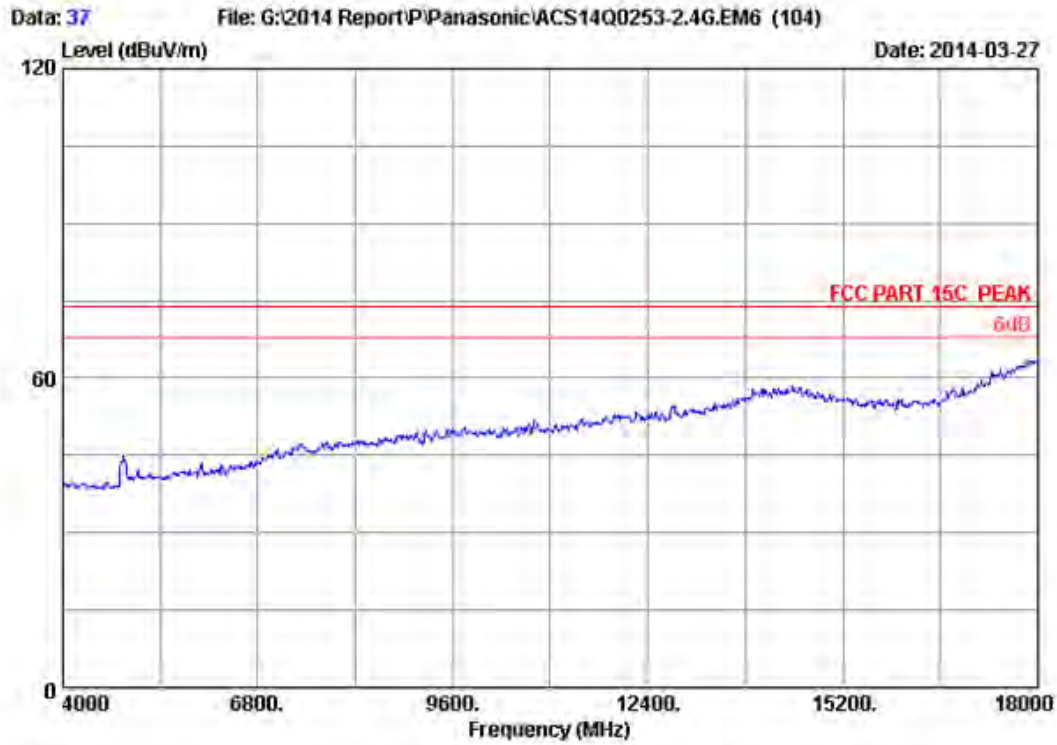
Site no. : 3m Chamber	Data no. : 35
Dis. / Ant. : 3m 2013 3115 (4580)	Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK	
Env. / Ins. : 24°C/56%	Engineer : Leo-Li
EUT : Wireless Speaker System	
Power Rating : AC 120V/60Hz	
Test Mode : IEEE802.11g 2462MHz Tx	
M/N : SC-ALL3	



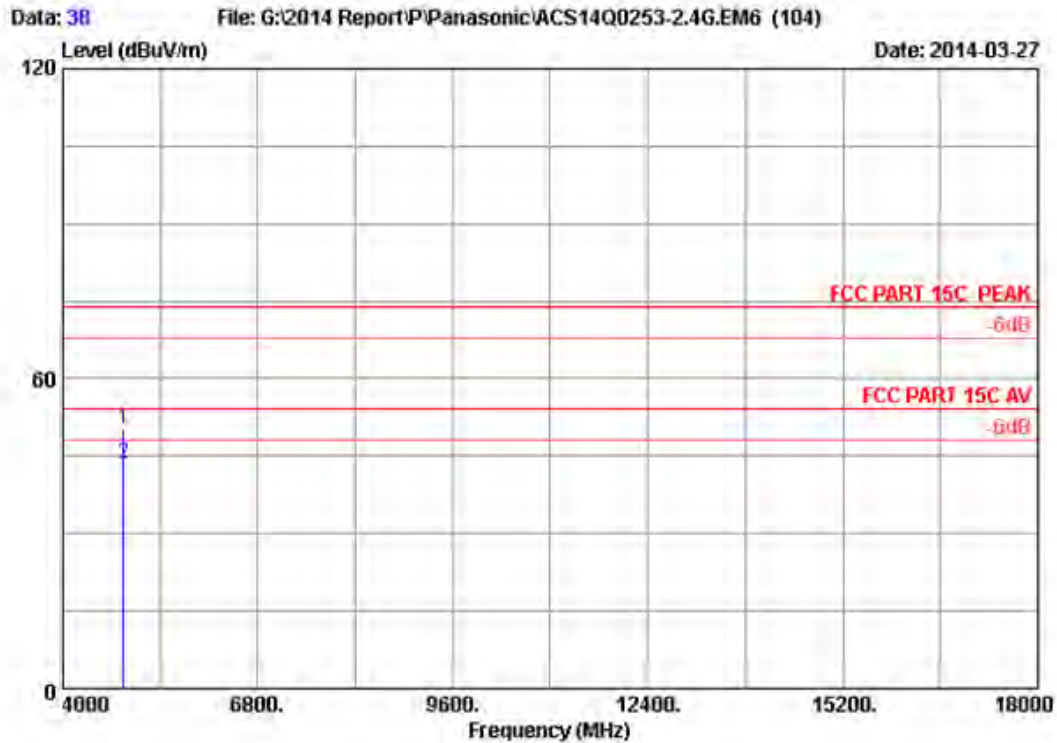
Site no. : 3m Chamber Data no. : 36
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11g 2462MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	4924.000	33.06	8.69	35.70	44.75	50.80	74.00	23.20	Peak
2	4924.000	33.06	8.69	35.70	38.35	44.40	54.00	9.60	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



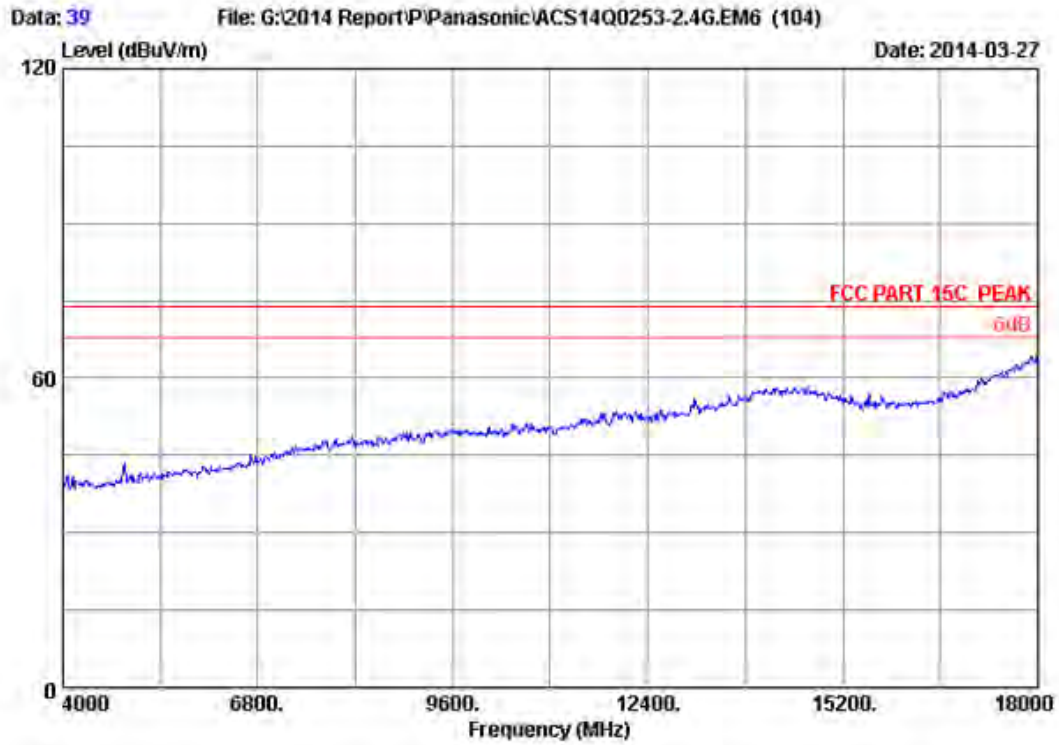
Site no. : 3m Chamber	Data no. : 37
Dis. / Ant. : 3m 2013 3115 (4580)	Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK	
Env. / Ins. : 24°C/56%	Engineer : Leo-Li
EUT : Wireless Speaker System	
Power Rating : AC 120V/60Hz	
Test Mode : IEEE802.11g 2437MHz Tx	
M/N : SC-ALL3	



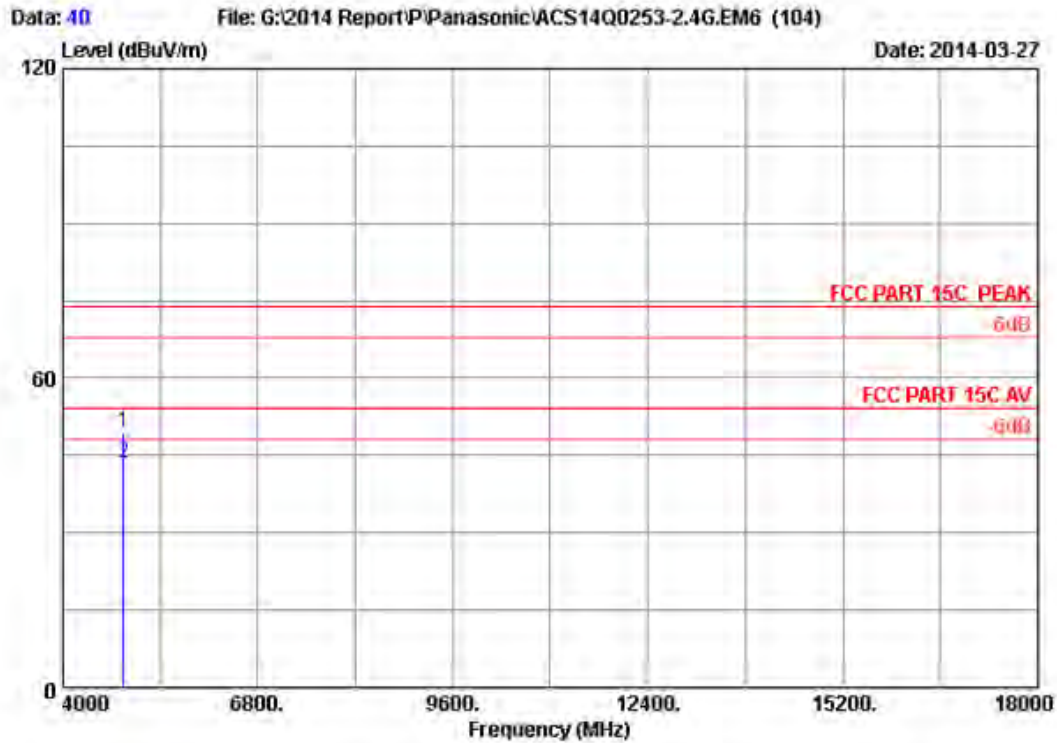
Site no. : 3m Chamber Data no. : 38
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11g 2437MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	4874.000	32.97	8.63	35.70	44.37	50.27	74.00	23.73	Peak
2	4874.000	32.97	8.63	35.70	37.69	43.59	54.00	10.41	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Ant Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



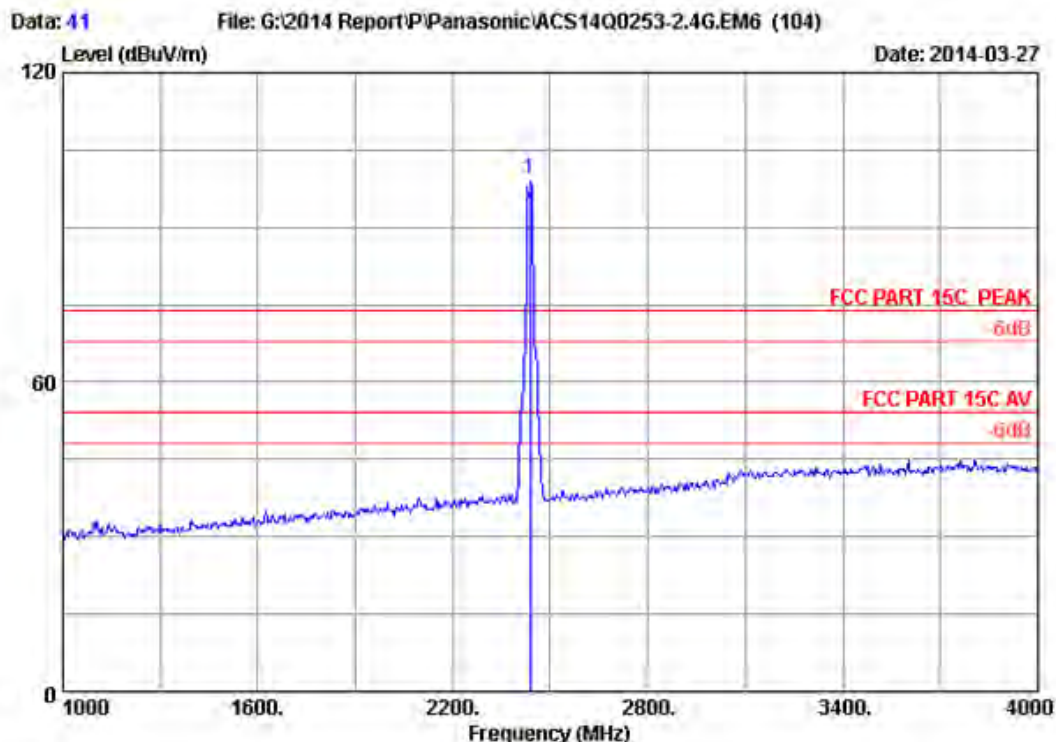
Site no. : 3m Chamber	Data no. : 39
Dis. / Ant. : 3m 2013 3115 (4580)	Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK	
Env. / Ins. : 24°C/56%	Engineer : Leo-Li
EUT : Wireless Speaker System	
Power Rating : AC 120V/60Hz	
Test Mode : IEEE802.11g 2437MHz Tx	
M/N : SC-ALL3	



Site no. : 3m Chamber Data no. : 40
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11g 2437MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.000	32.97	8.63	35.70	43.55	49.45	74.00	24.55	Peak
2	4874.000	32.97	8.63	35.70	37.66	43.56	54.00	10.44	Average

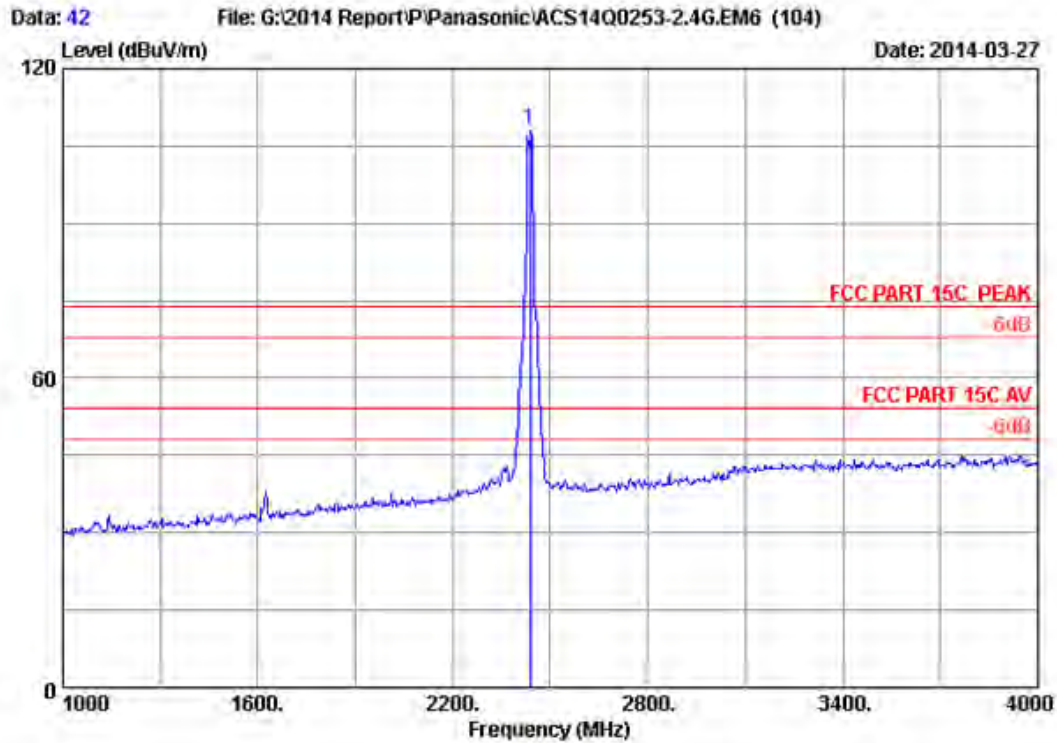
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 41
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11g 2437MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2437.000	28.26	5.85	35.70	100.79	99.20	74.00	-25.20	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.

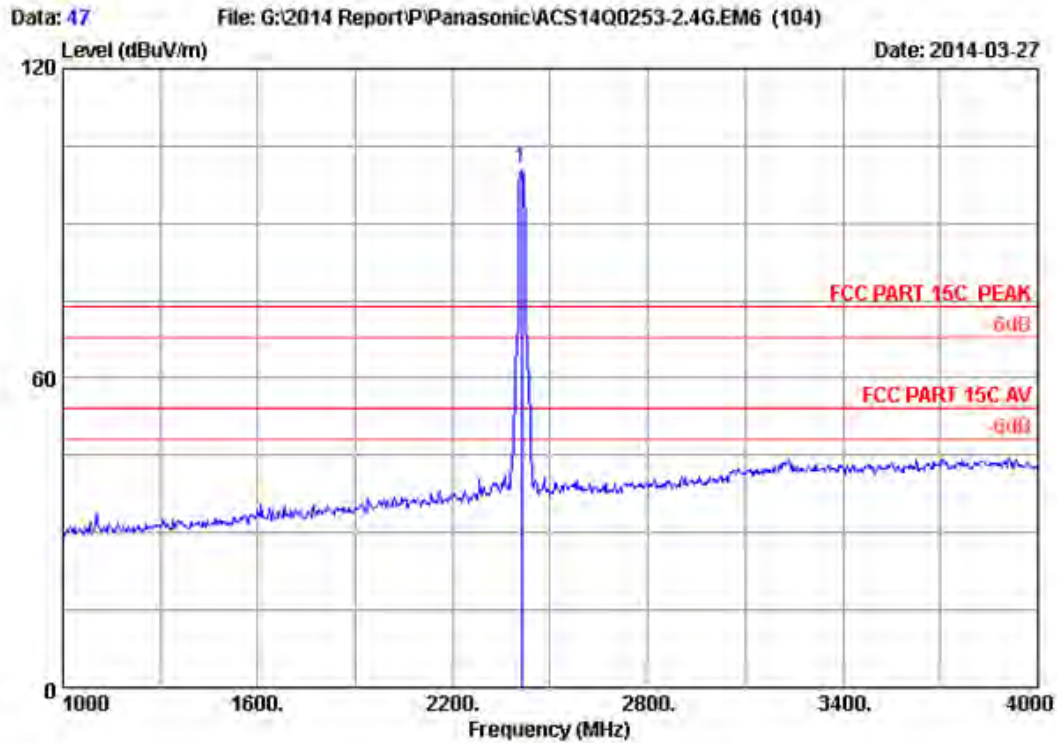


Site no.	: 3m Chamber	Data no.	: 42
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11g 2437MHz Tx		
M/N	: SC-ALL3		

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2437.000	28.26	5.85	35.70	109.78	108.19	74.00	-34.19	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor

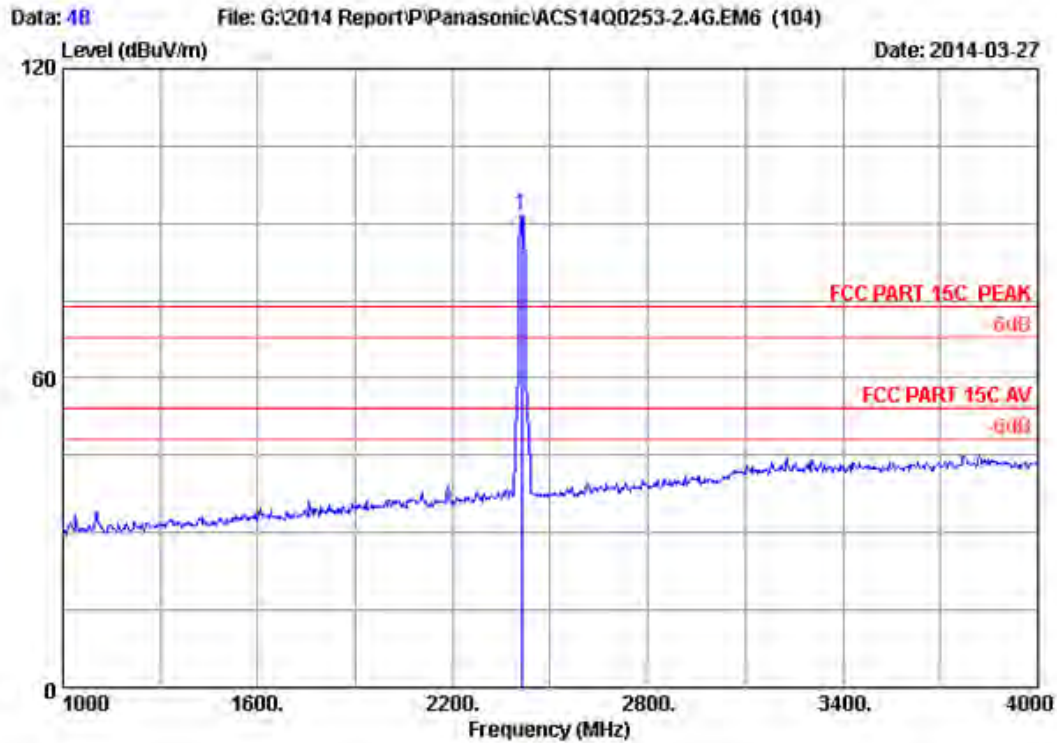
2. The emission levels that are 20dB below the official
limit are not reported.



Site no. : 3m Chamber Data no. : 47
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11g 2412MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2412.000	28.21	5.81	35.70	102.31	100.63	74.00	-26.63	Peak

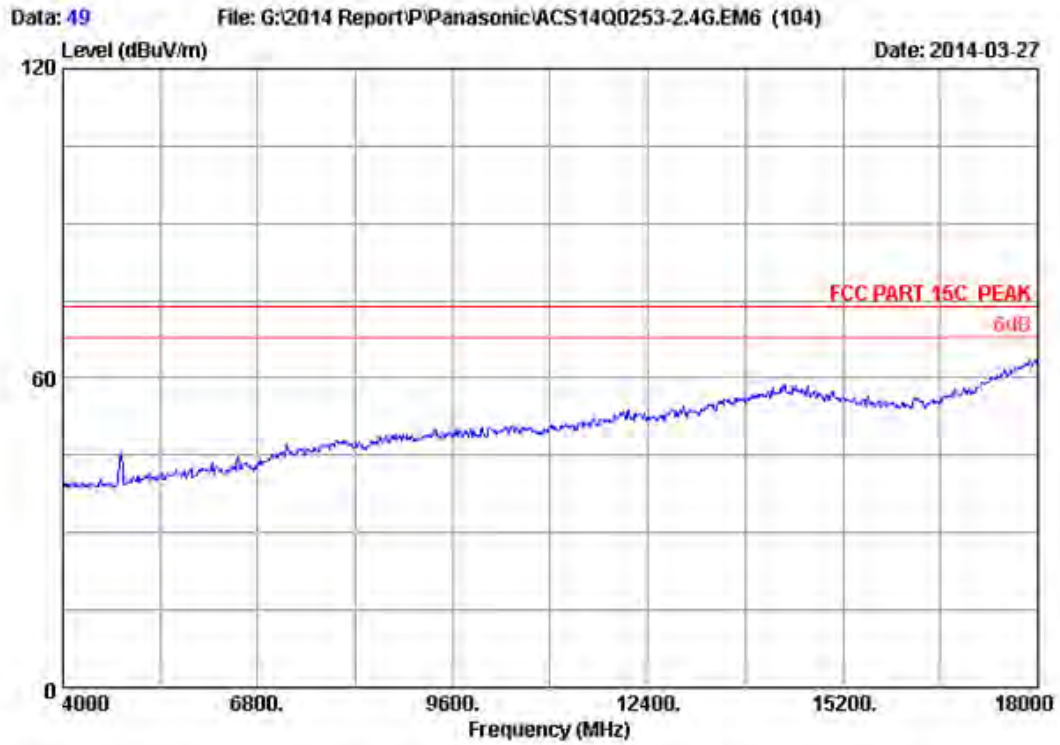
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



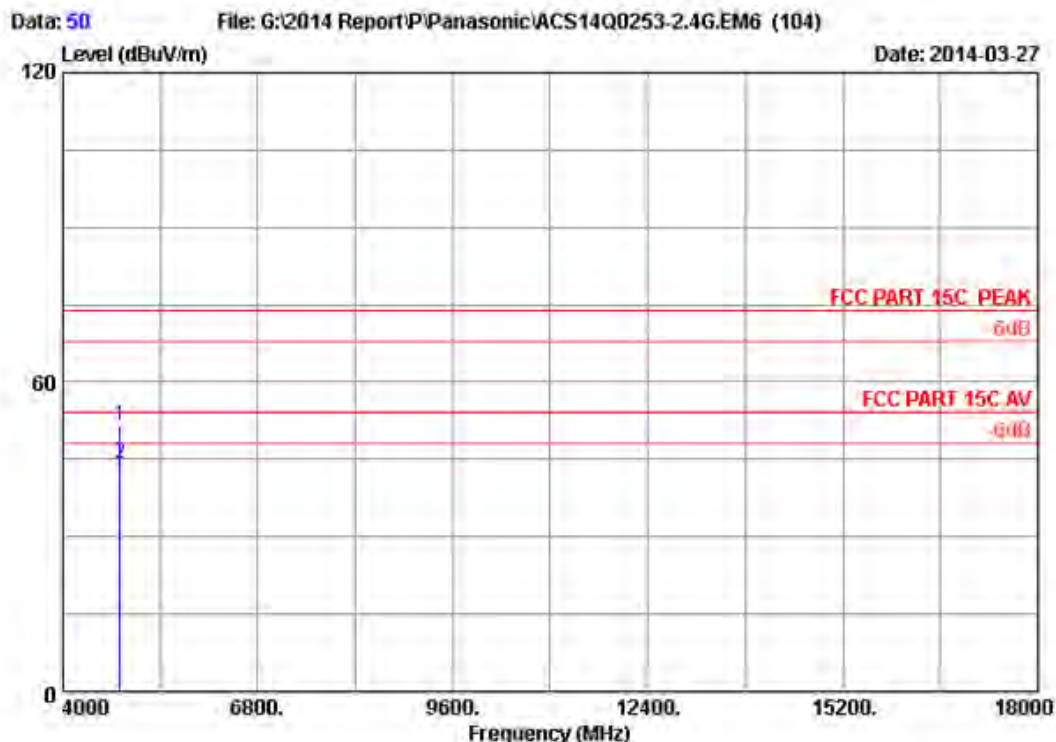
Site no. : 3m Chamber Data no. : 48
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11g 2412MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Reading (dBuV)	Emission			Remark
		Factor (dB/m)	Loss (dB)	factor (dB)		Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2412.000	28.21	5.81	35.70	93.20	91.52	74.00	-17.52	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



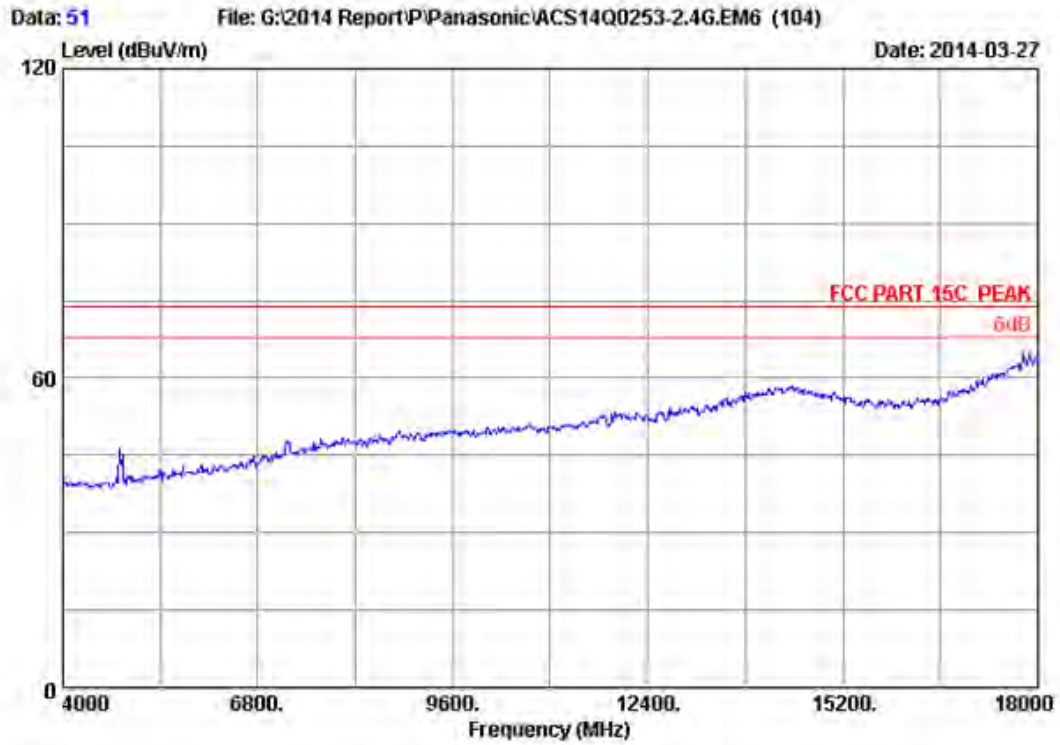
Site no. : 3m Chamber	Data no. : 49
Dis. / Ant. : 3m 2013 3115 (4580)	Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK	
Env. / Ins. : 24°C/56%	Engineer : Leo-Li
EUT : Wireless Speaker System	
Power Rating : AC 120V/60Hz	
Test Mode : IEEE802.11g 2412MHz Tx	
M/N : SC-ALL3	



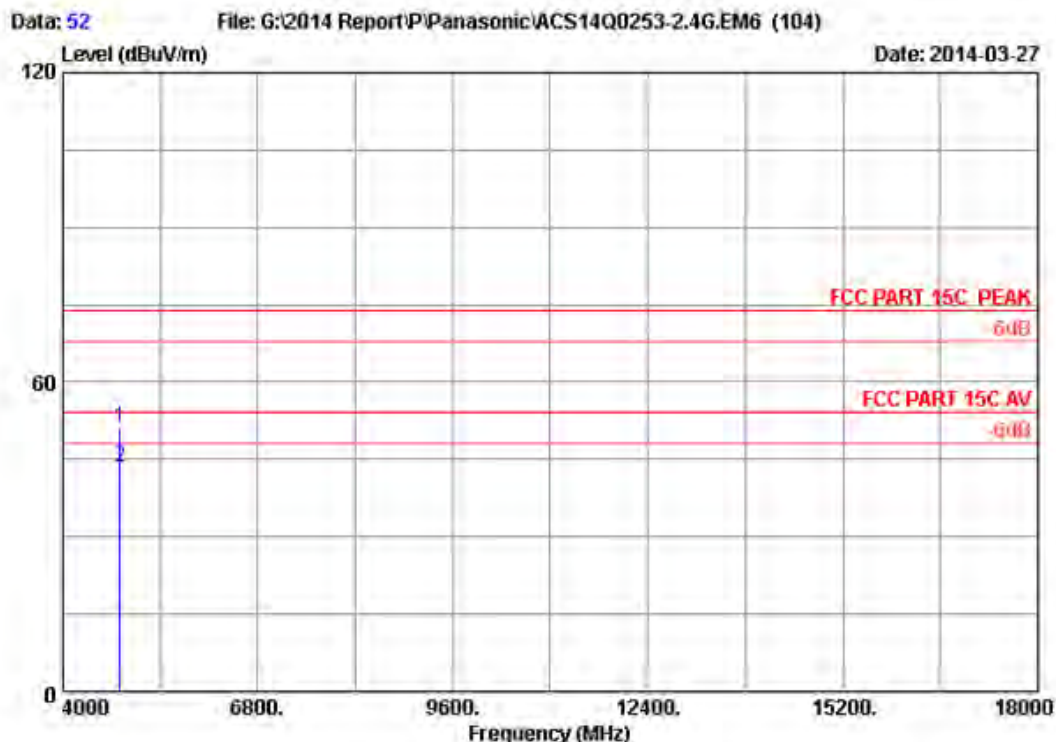
Site no. : 3m Chamber Data no. : 50
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11g 2412MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.000	32.88	8.58	35.70	45.68	51.44	74.00	22.56	Peak
2	4824.000	32.88	8.58	35.70	38.31	44.07	54.00	9.93	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



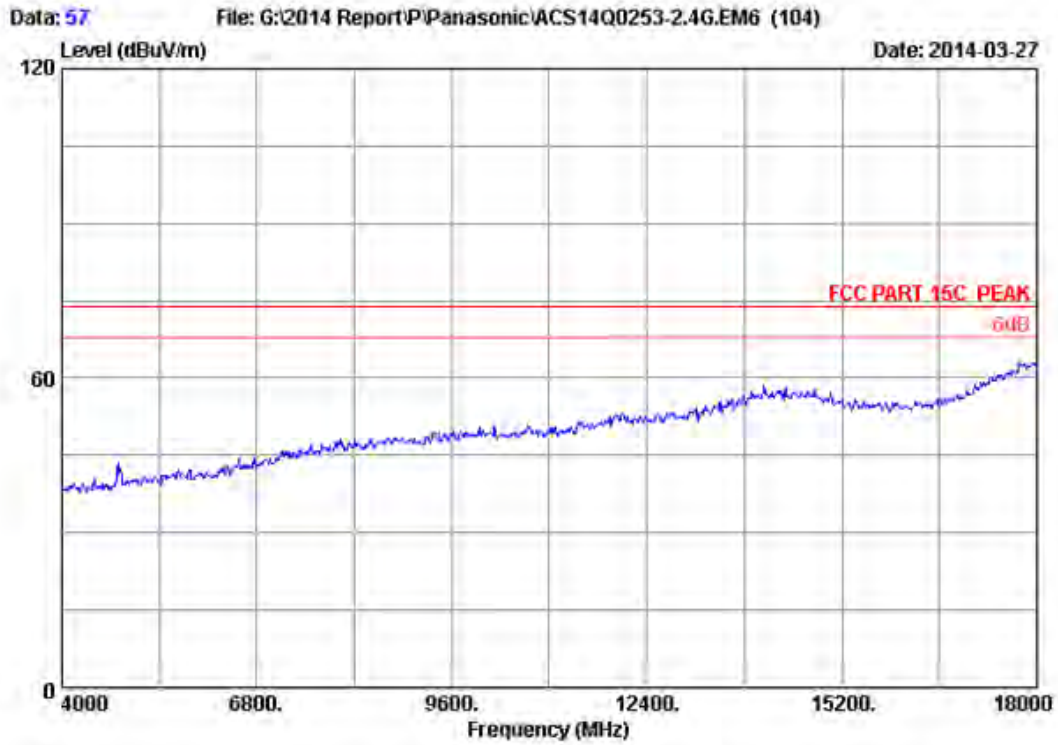
Site no. : 3m Chamber	Data no. : 51
Dis. / Ant. : 3m 2013 3115 (4580)	Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK	
Env. / Ins. : 24°C/56%	Engineer : Leo-Li
EUT : Wireless Speaker System	
Power Rating : AC 120V/60Hz	
Test Mode : IEEE802.11g 2412MHz Tx	
M/N : SC-ALL3	



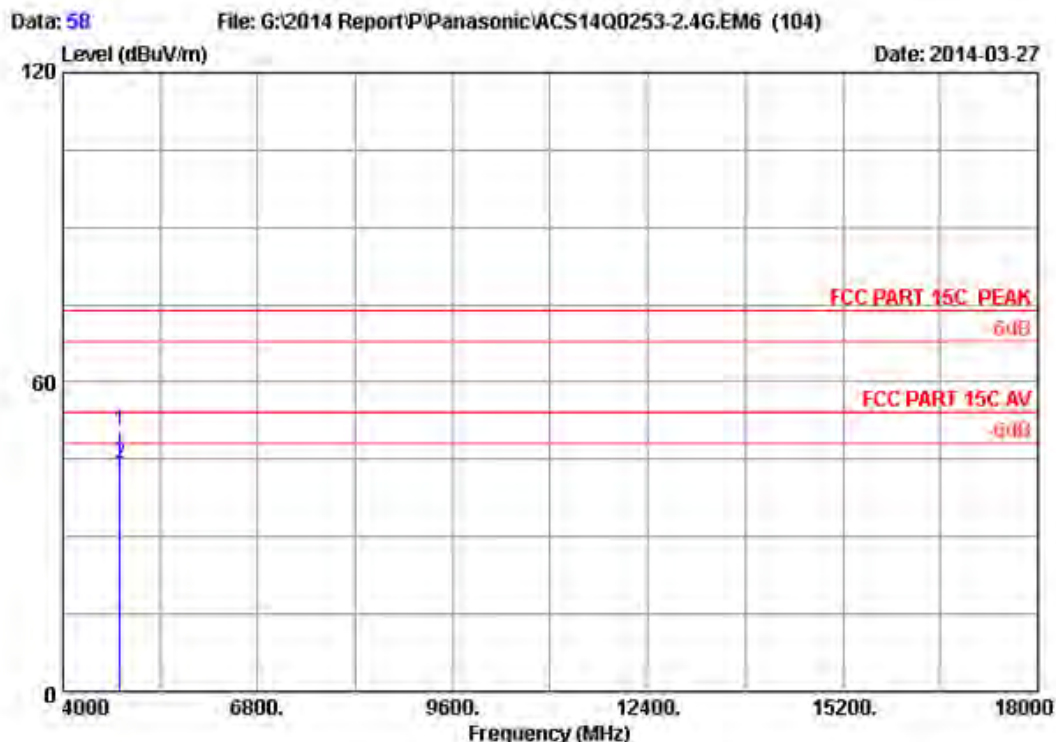
Site no. : 3m Chamber Data no. : 52
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11g 2412MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.000	32.88	8.58	35.70	45.31	51.07	74.00	22.93	Peak
2	4824.000	32.88	8.58	35.70	37.75	43.51	54.00	10.49	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



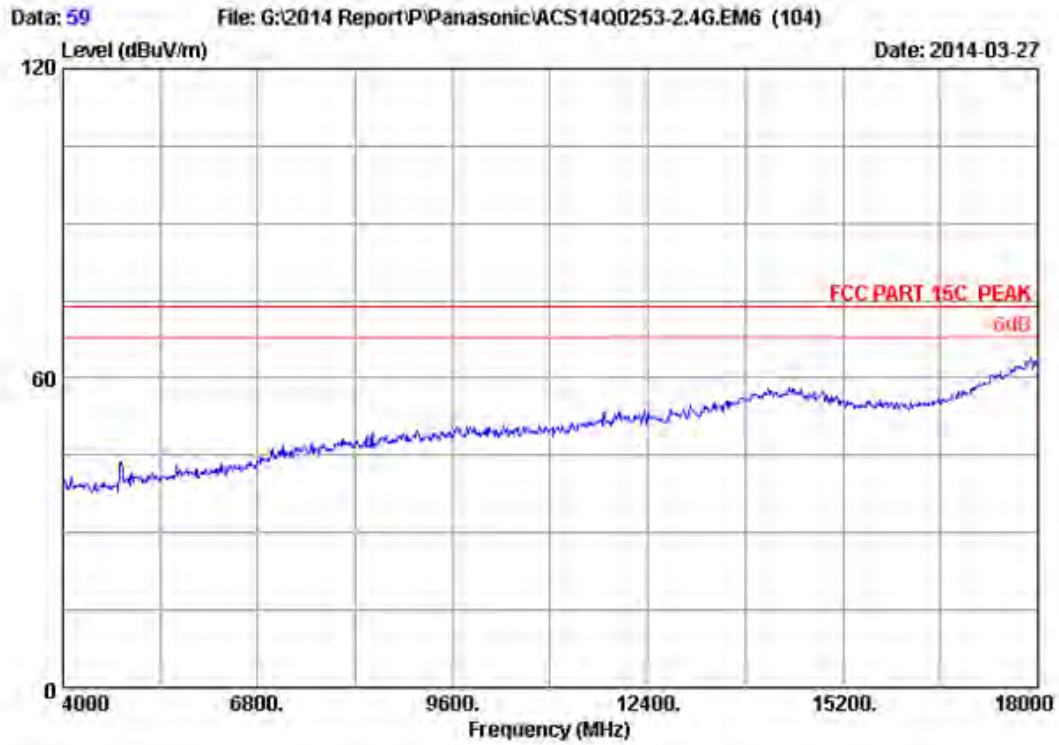
Site no.	: 3m Chamber	Data no.	: 57
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT20 2412MHz Tx		
M/N	: SC-ALL3		



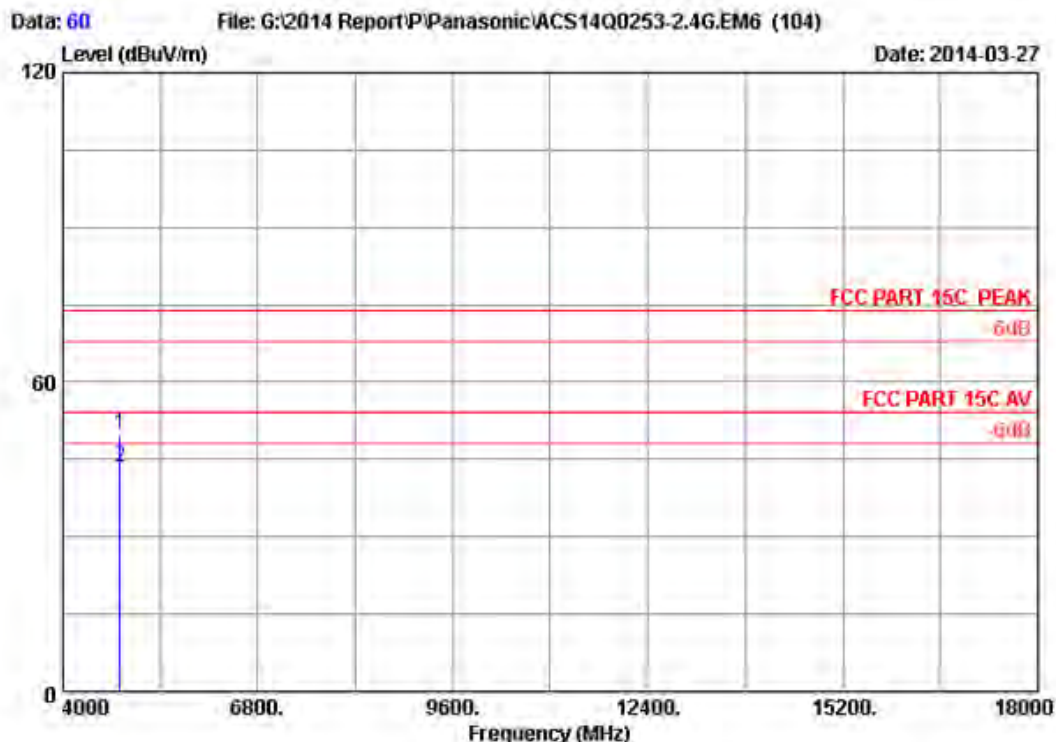
Site no. : 3m Chamber Data no. : 58
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 2412MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.000	32.88	8.58	35.70	44.68	50.44	74.00	23.56	Peak
2	4824.000	32.88	8.58	35.70	38.26	44.02	54.00	9.98	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



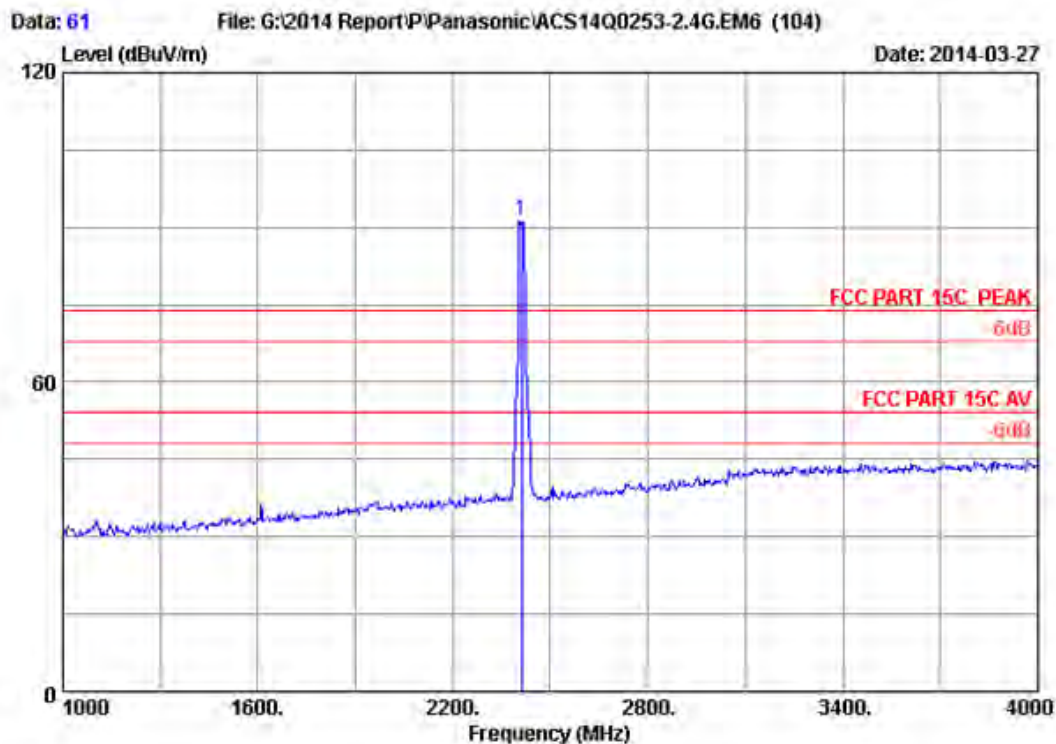
Site no.	: 3m Chamber	Data no.	: 59
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT20 2412MHz Tx		
M/N	: SC-ALL3		



Site no. : 3m Chamber Data no. : 60
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 2412MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.000	32.88	8.58	35.70	44.17	49.93	74.00	24.07	Peak
2	4824.000	32.88	8.58	35.70	37.64	43.40	54.00	10.60	Average

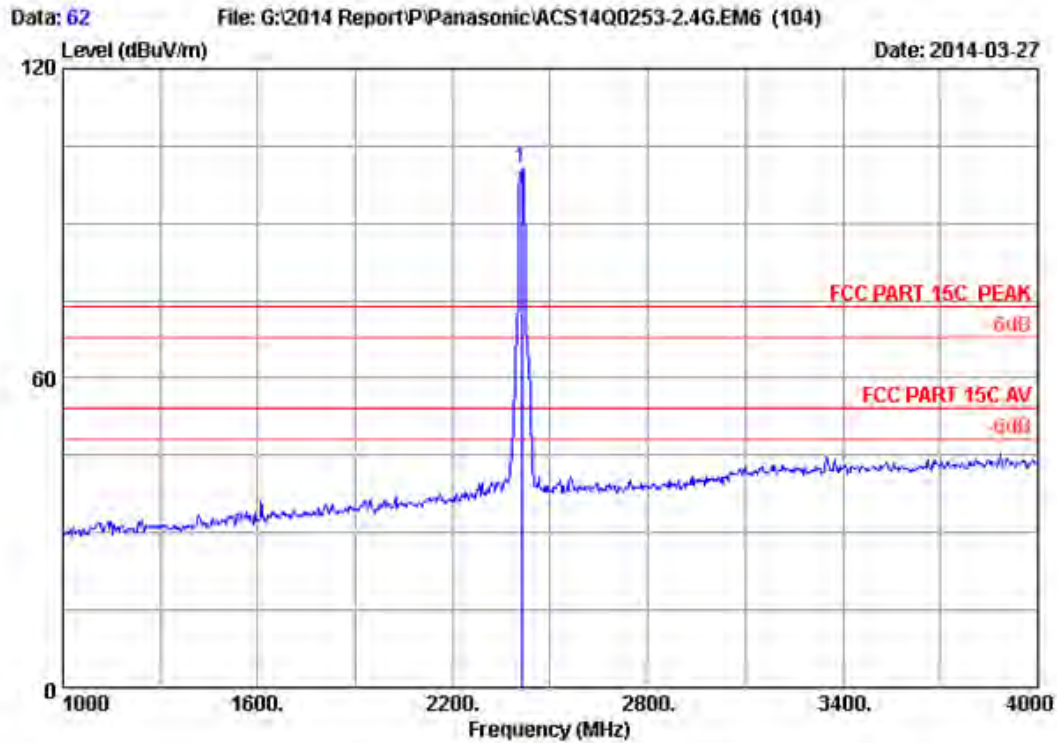
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 61
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 2412MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2412.000	28.21	5.81	35.70	93.01	91.33	74.00	-17.33	Peak

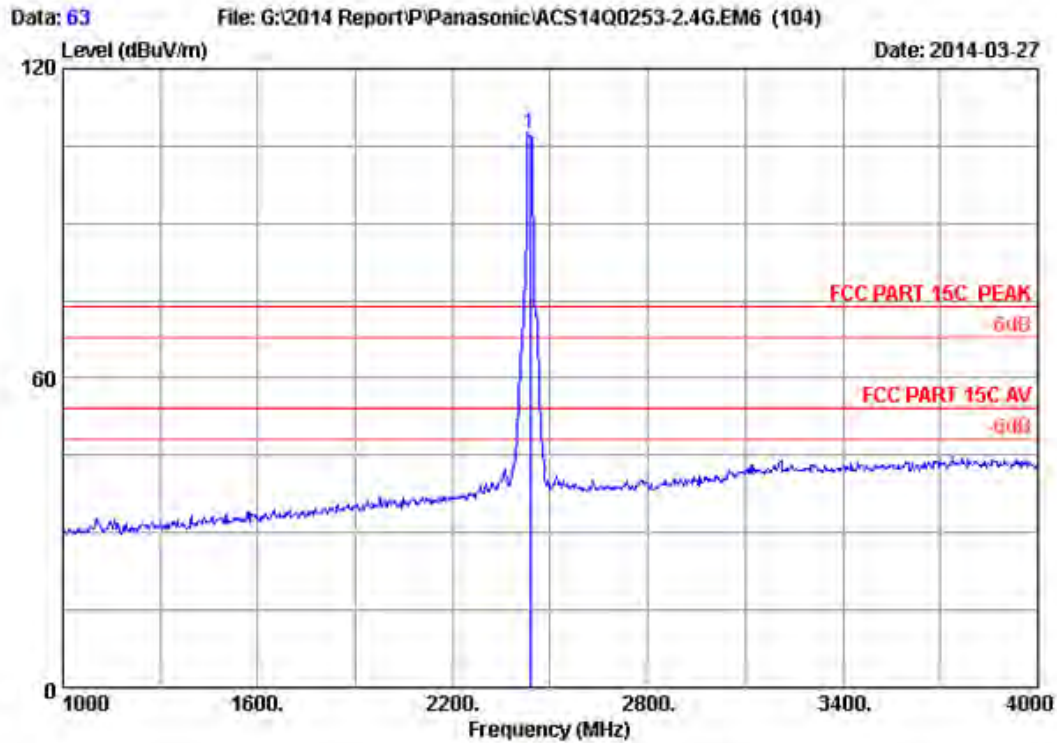
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 62
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 2412MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2412.000	28.21	5.81	35.70	102.38	100.70	74.00	-26.70	Peak

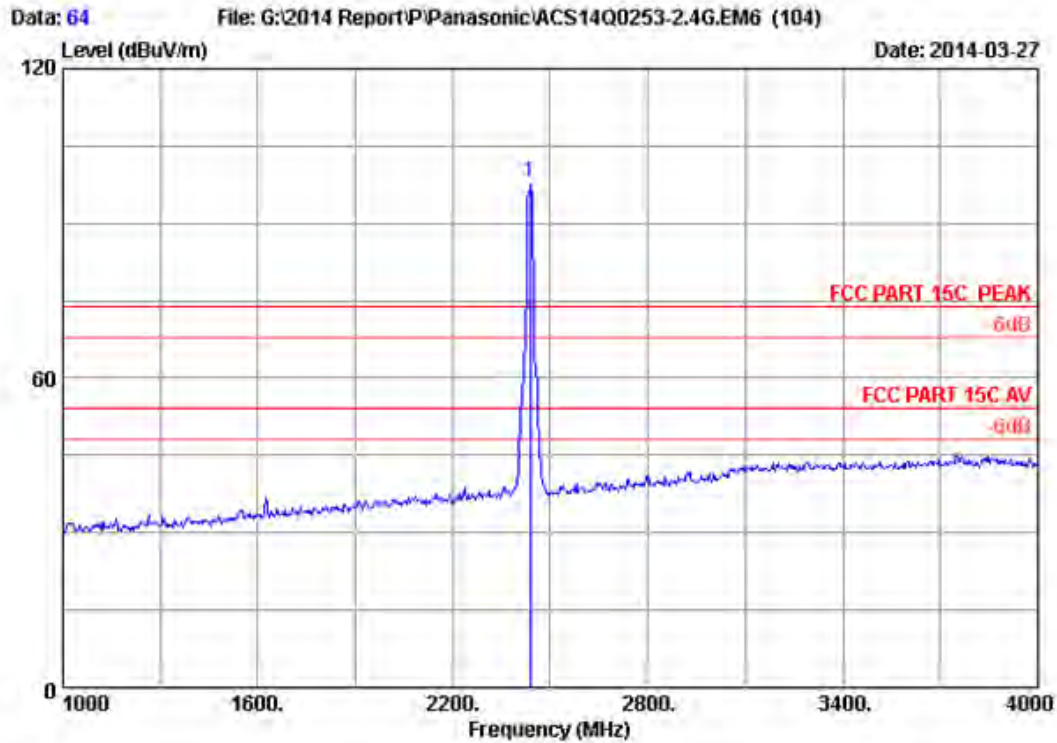
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 63
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 2437MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2437.000	28.26	5.85	35.70	108.92	107.33	74.00	-33.33	Peak

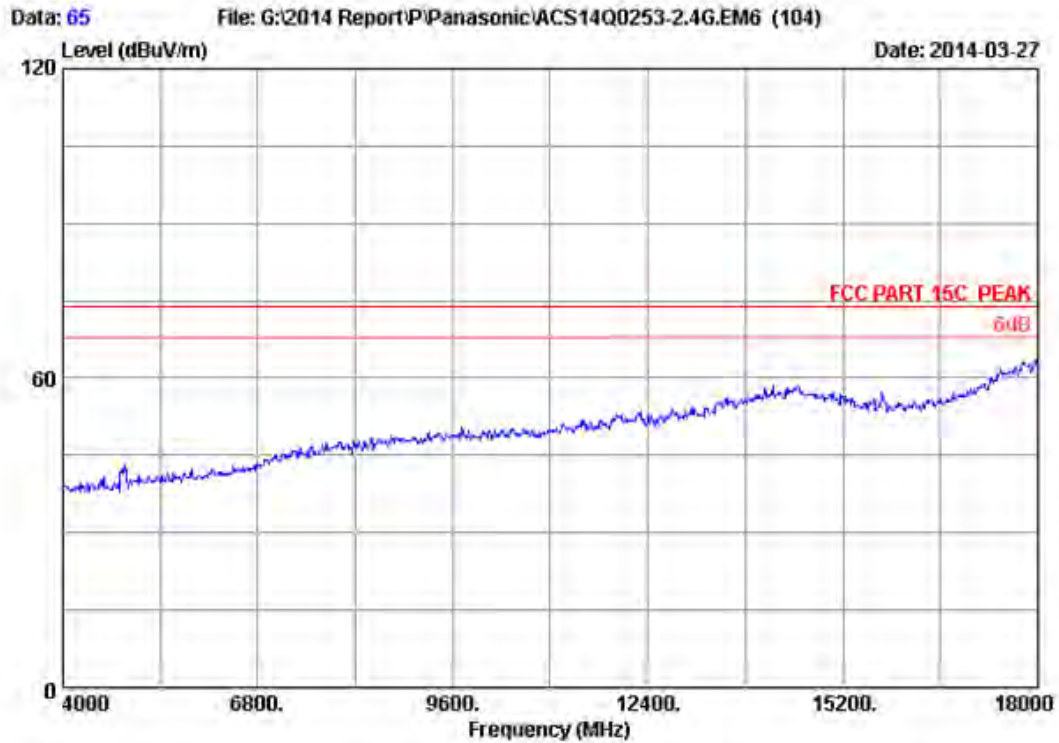
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



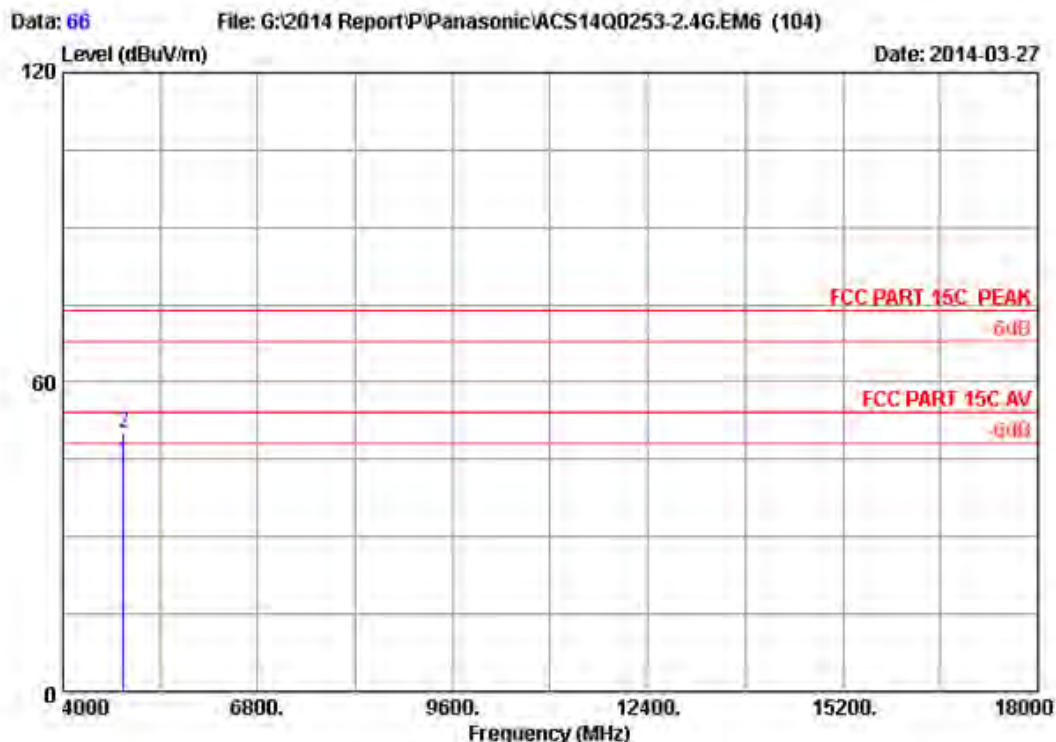
Site no. : 3m Chamber Data no. : 64
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 2437MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.000	28.26	5.85	35.70	99.44	97.85	74.00	-23.85	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



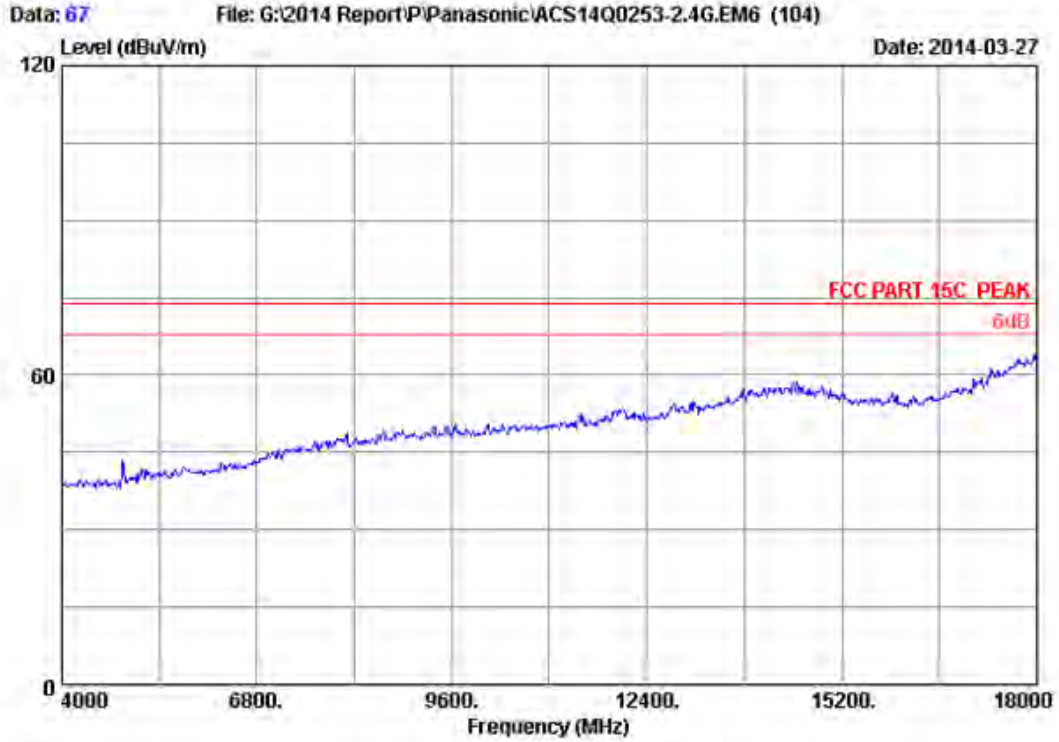
Site no.	: 3m Chamber	Data no.	: 65
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT20 2437MHz Tx		
M/N	: SC-ALL3		



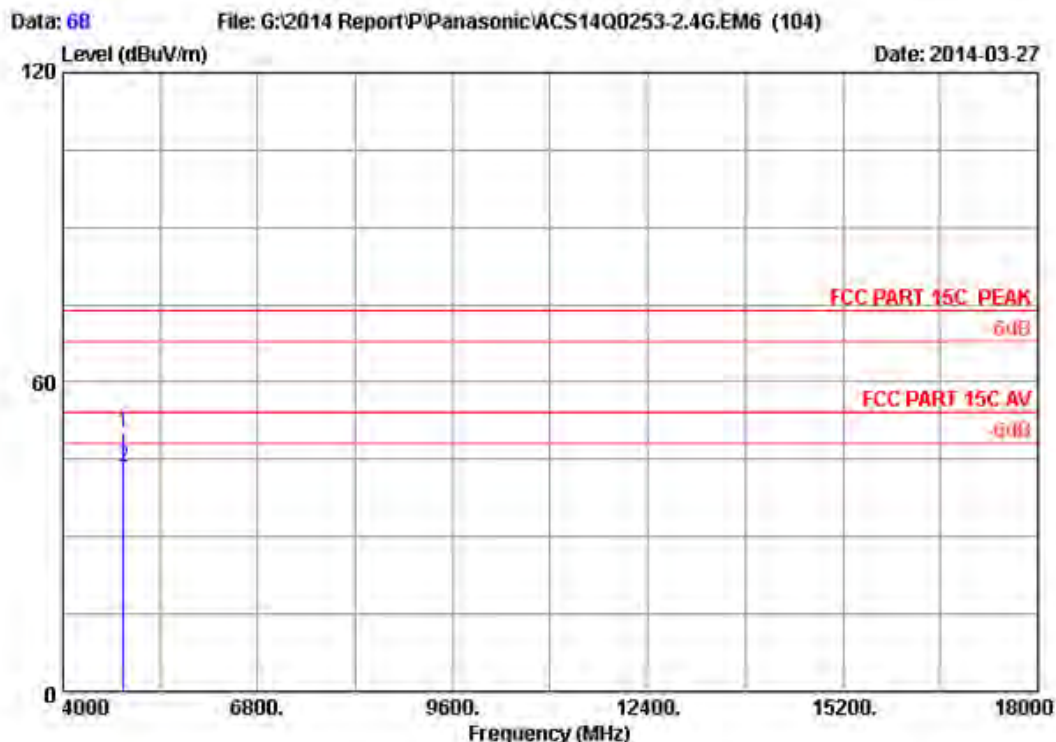
Site no. : 3m Chamber Data no. : 66
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 2437MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.000	32.97	8.63	35.70	38.46	44.36	54.00	9.64	Average
2	4874.000	32.97	8.63	35.70	44.28	50.18	74.00	23.82	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



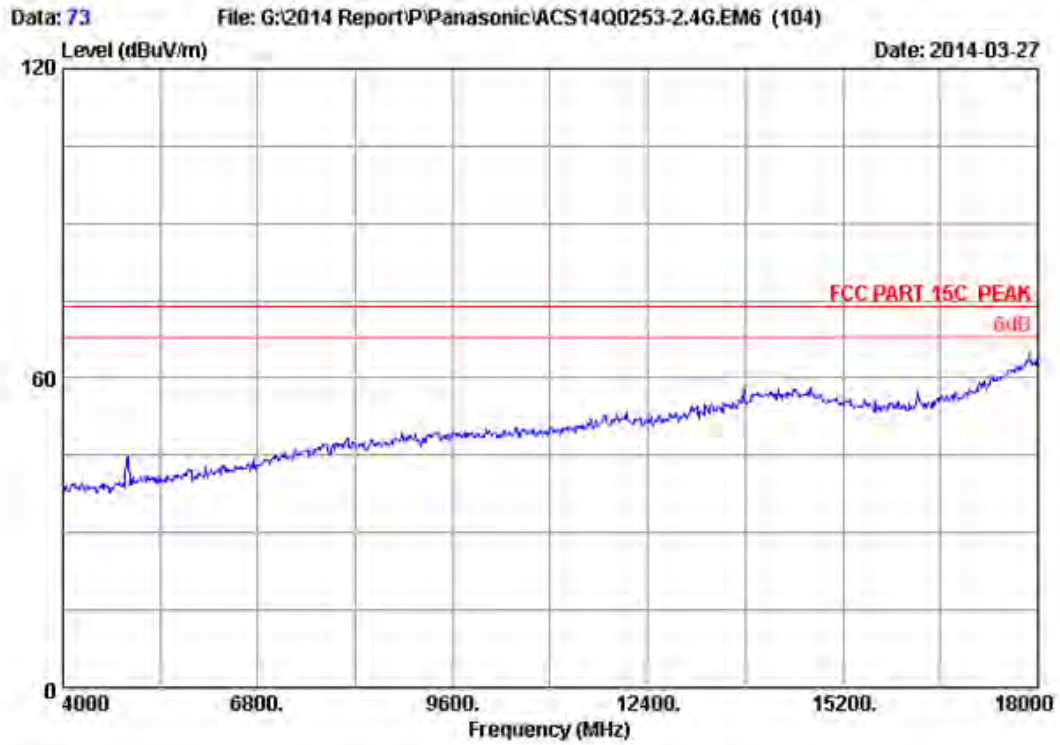
Site no.	: 3m Chamber	Data no.	: 67
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT20 2437MHz Tx		
M/N	: SC-ALL3		



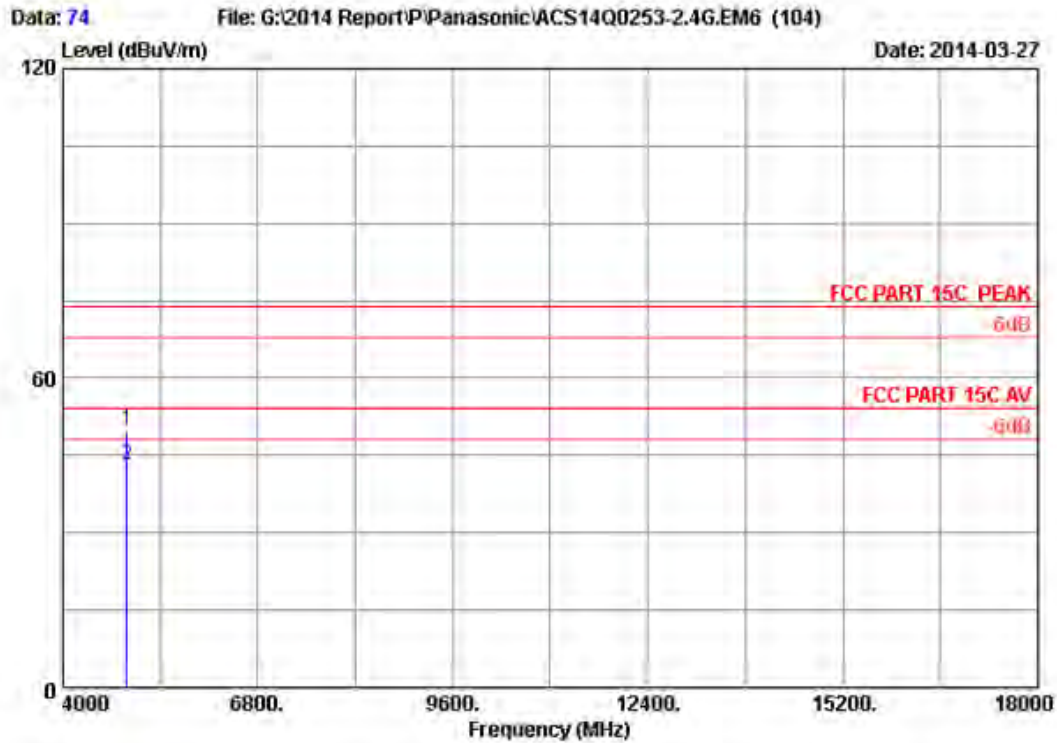
Site no. : 3m Chamber Data no. : 68
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 2437MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.000	32.97	8.63	35.70	44.32	50.22	74.00	23.78	Peak
2	4874.000	32.97	8.63	35.70	37.40	43.30	54.00	10.70	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



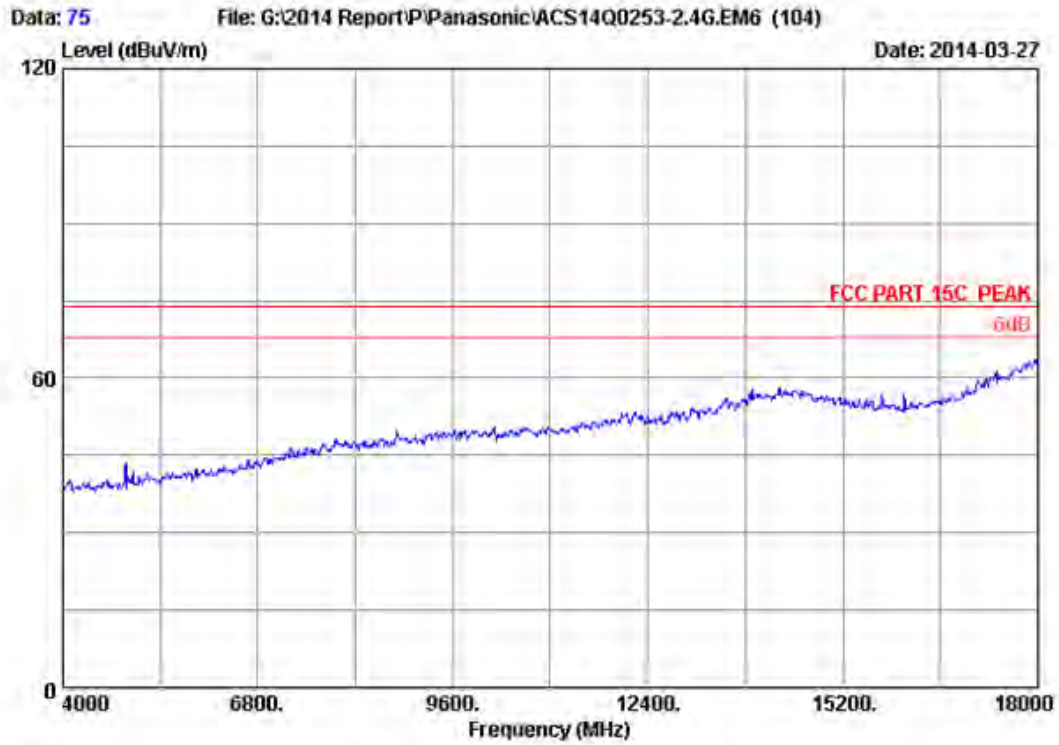
Site no. :	3m Chamber	Data no. :	73
Dis. / Ant. :	3m 2013 3115 (4580)	Ant. pol. :	HORIZONTAL
Limit :	FCC PART 15C PEAK		
Env. / Ins. :	24°C/56%	Engineer :	Leo-Li
EUT :	Wireless Speaker System		
Power Rating :	AC 120V/60Hz		
Test Mode :	IEEE802.11nHT20 2462MHz Tx		
M/N :	SC-ALL3		



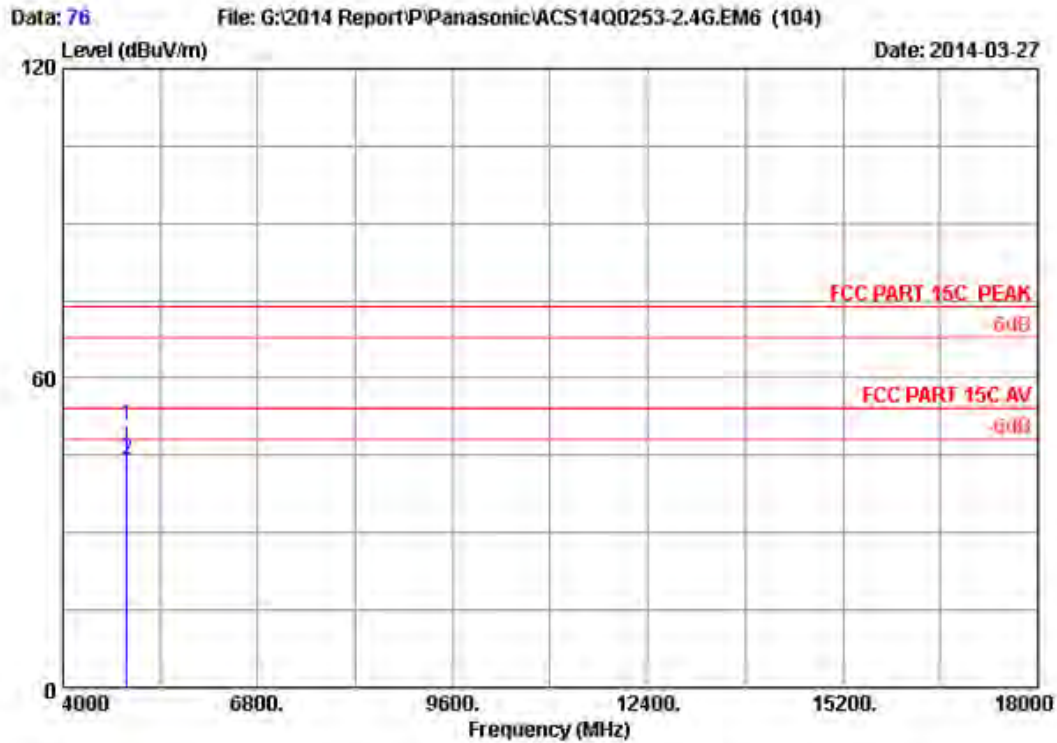
Site no. : 3m Chamber Data no. : 74
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 2462MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4924.000	33.06	8.69	35.70	43.76	49.81	74.00	24.19	Peak
2	4924.000	33.06	8.69	35.70	37.20	43.25	54.00	10.75	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



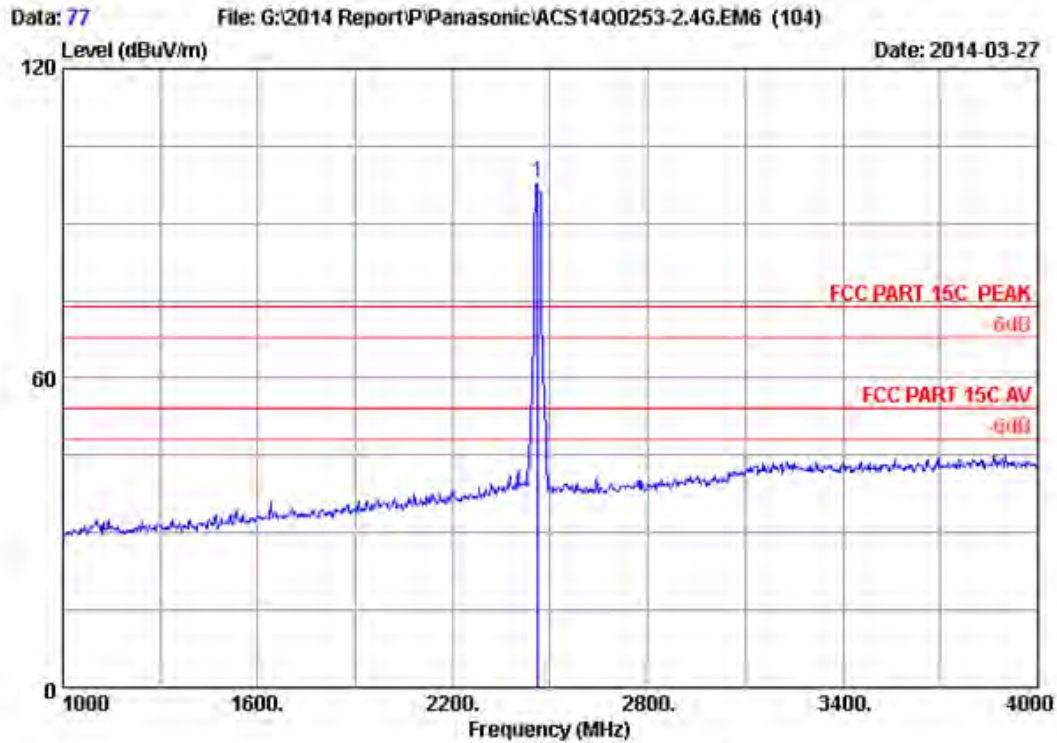
Site no.	: 3m Chamber	Data no.	: 75
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT20 2462MHz Tx		
M/N	: SC-ALL3		



Site no. : 3m Chamber Data no. : 76
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 2462MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Reading (dBuV)	Emission		Margin (dB)	Remark
		Factor (dB/m)	Loss (dB)	factor (dB)		Level (dBuV/m)	Limits (dBuV/m)		
1	4924.000	33.06	8.69	35.70	44.63	50.68	74.00	23.32	Peak
2	4924.000	33.06	8.69	35.70	37.99	44.04	54.00	9.96	Average

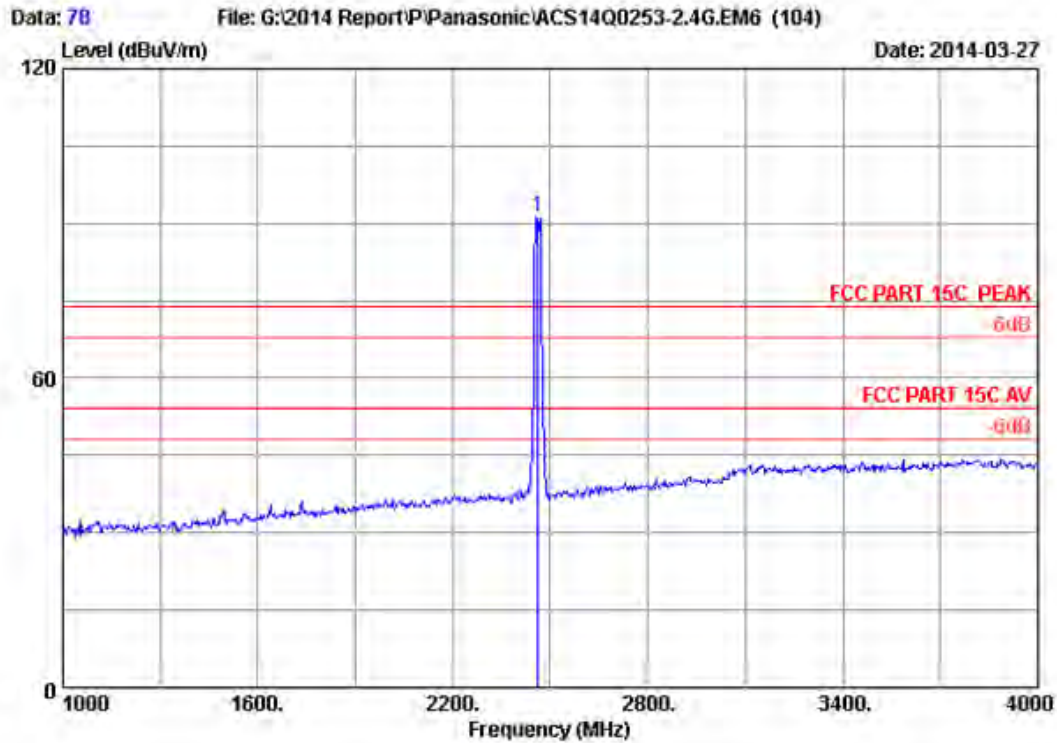
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 77
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 2462MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2462.000	28.32	5.89	35.70	99.44	97.95	74.00	-23.95	Peak

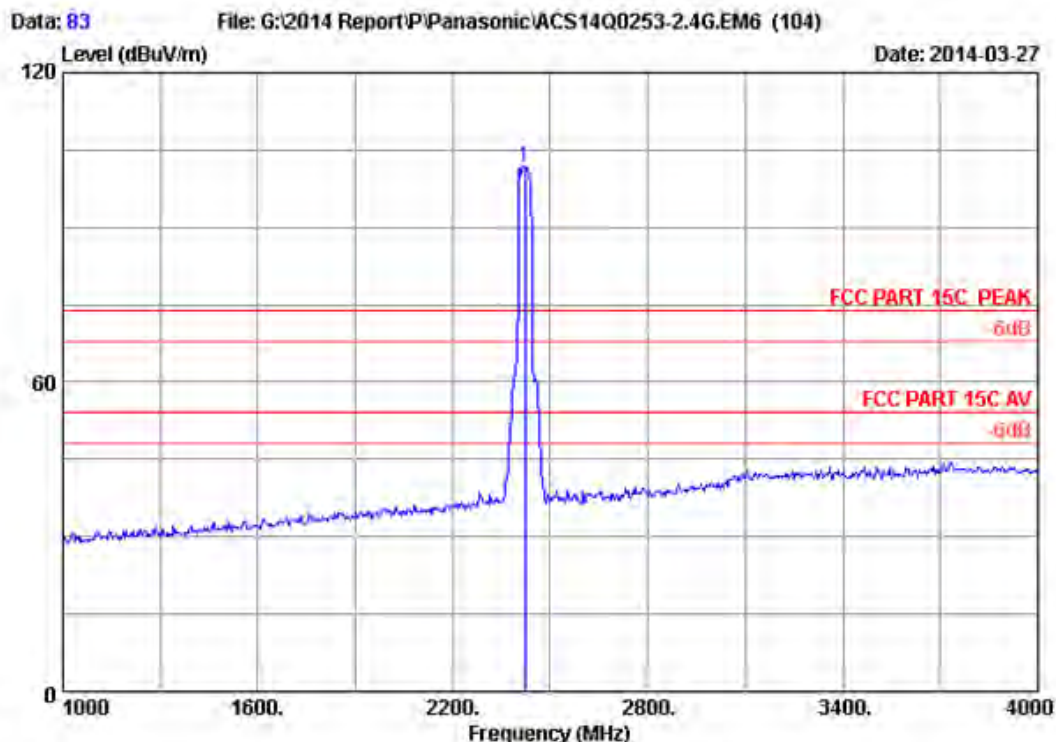
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 78
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 2462MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.000	28.32	5.89	35.70	92.87	91.38	74.00	-17.38	Peak

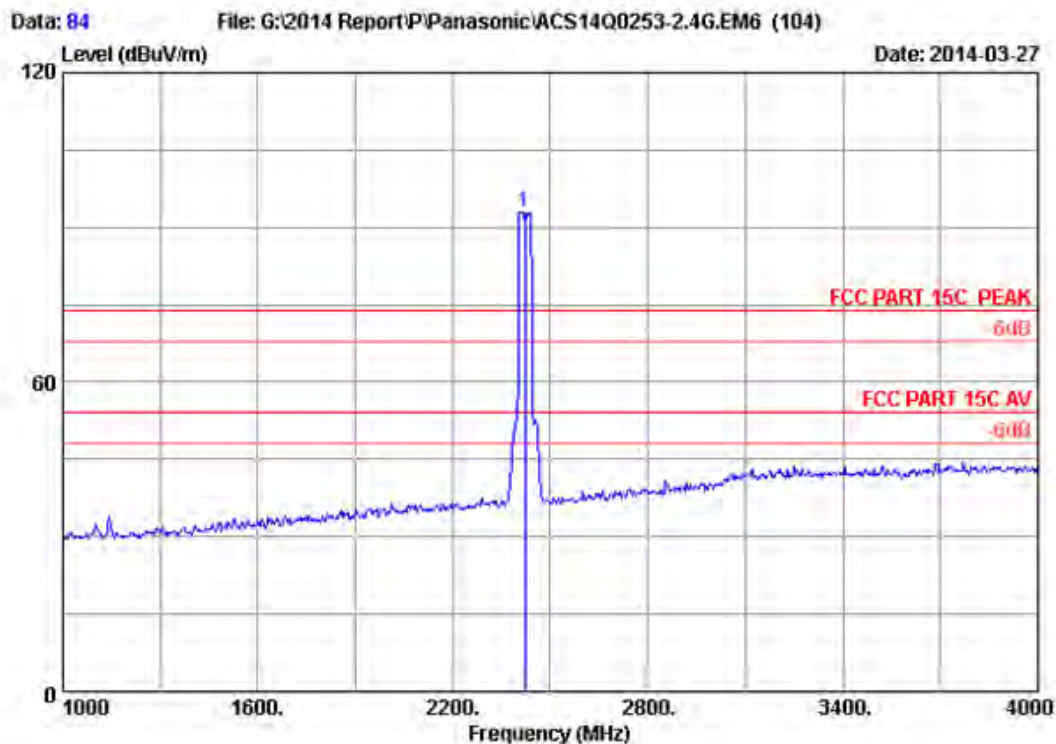
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 83
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 2422MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2422.000	28.23	5.83	35.70	103.10	101.46	74.00	-27.46	Peak

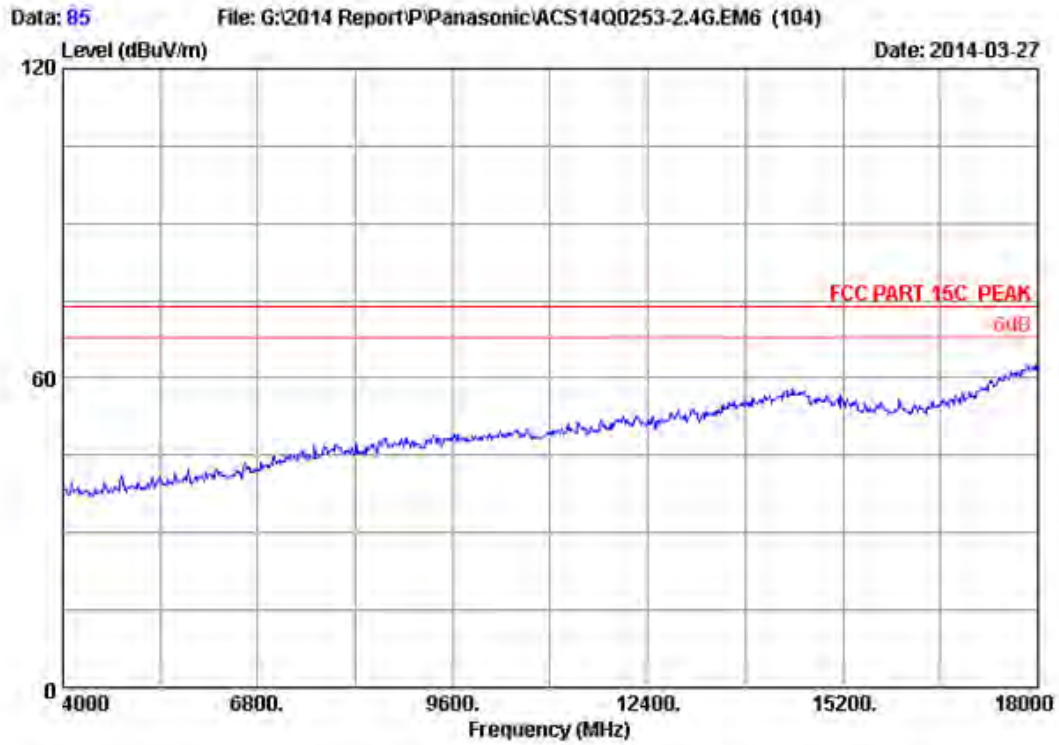
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



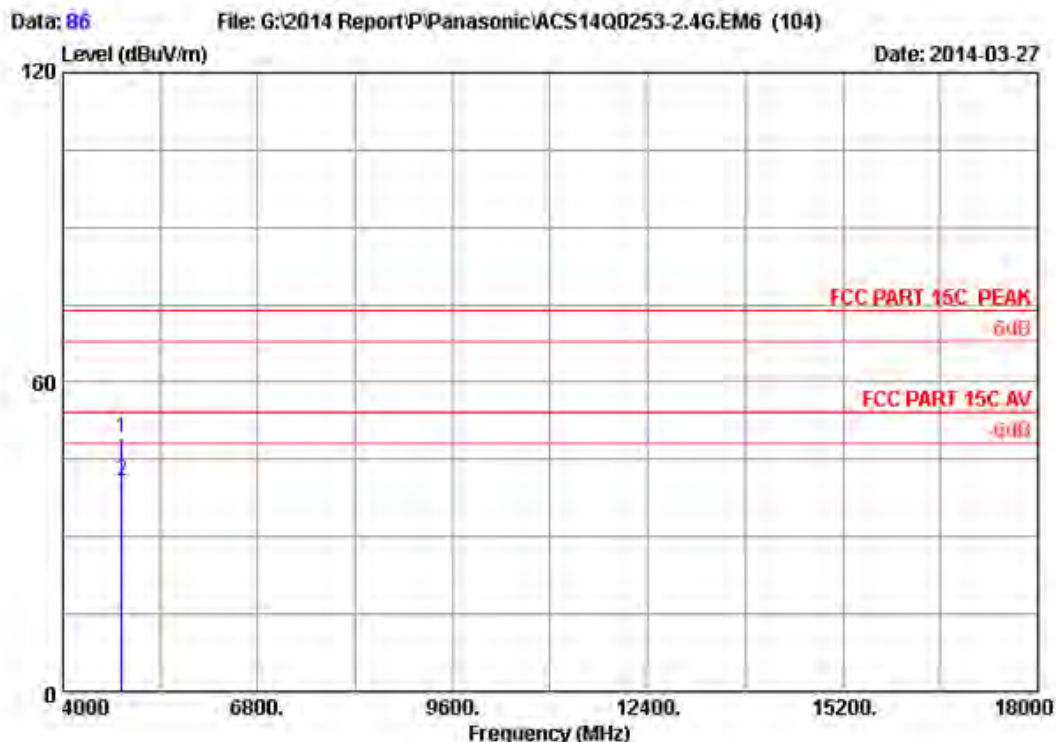
Site no. : 3m Chamber Data no. : 84
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 2422MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2422.000	28.23	5.83	35.70	94.53	92.89	74.00	-18.89	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



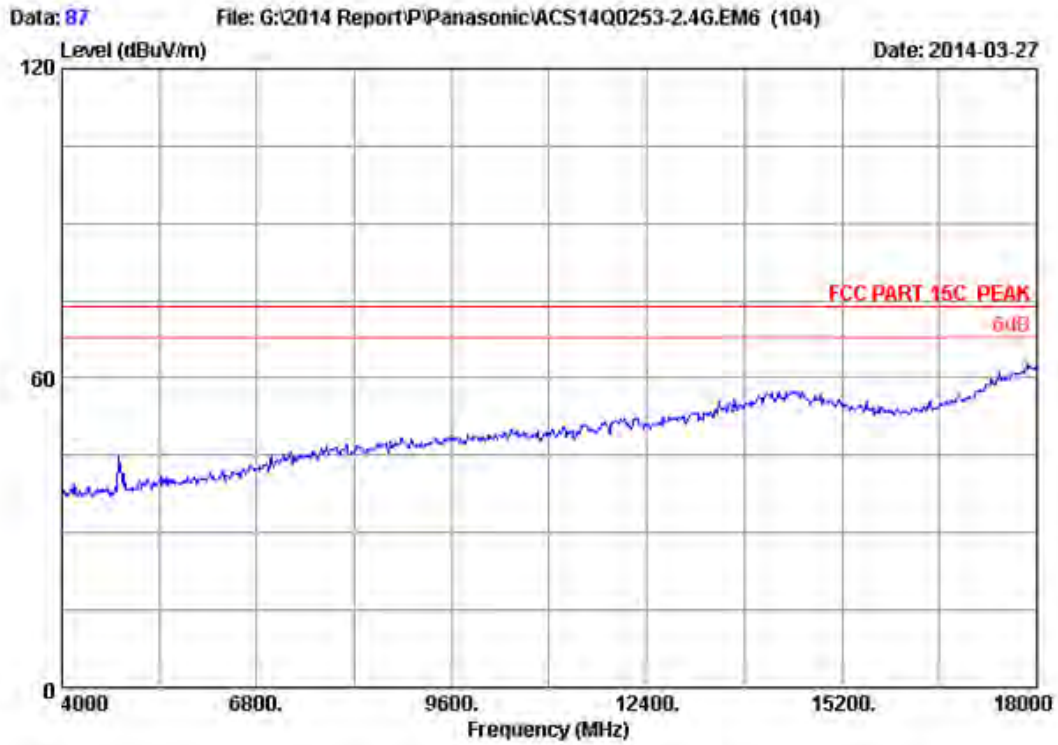
Site no.	: 3m Chamber	Data no.	: 85
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT40 2423MHz Tx		
M/N	: SC-ALL3		



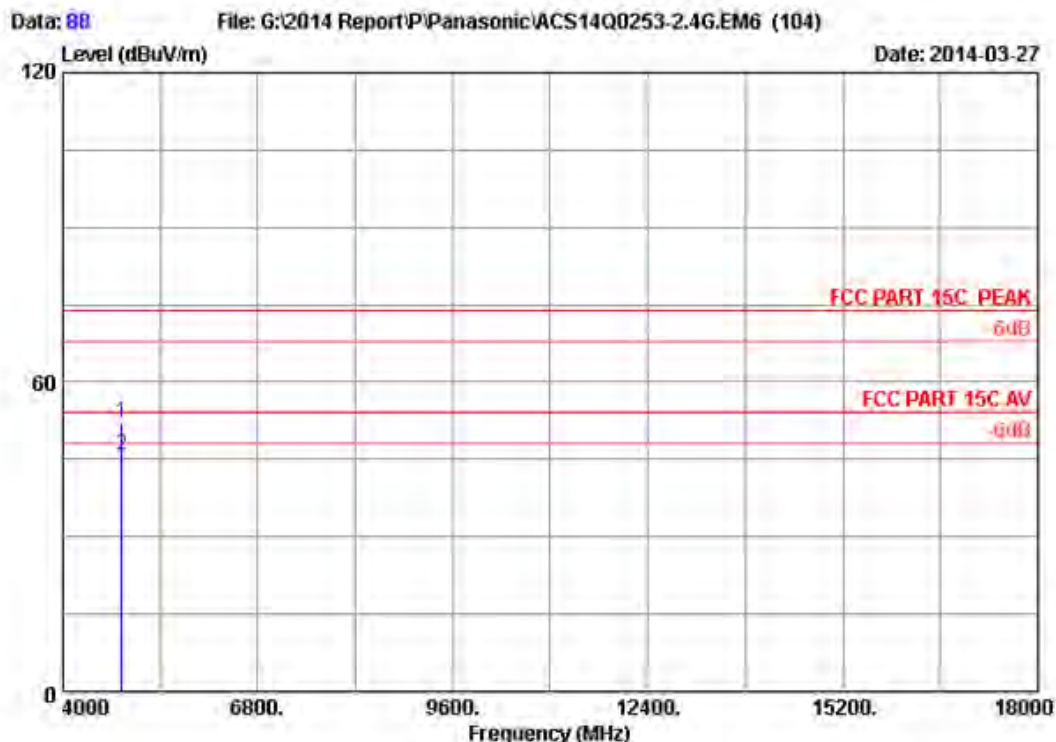
Site no. : 3m Chamber Data no. : 86
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 2422MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4844.000	32.92	8.60	35.70	43.20	49.02	74.00	24.98	Peak
2	4844.000	32.92	8.60	35.70	35.04	40.86	54.00	13.14	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



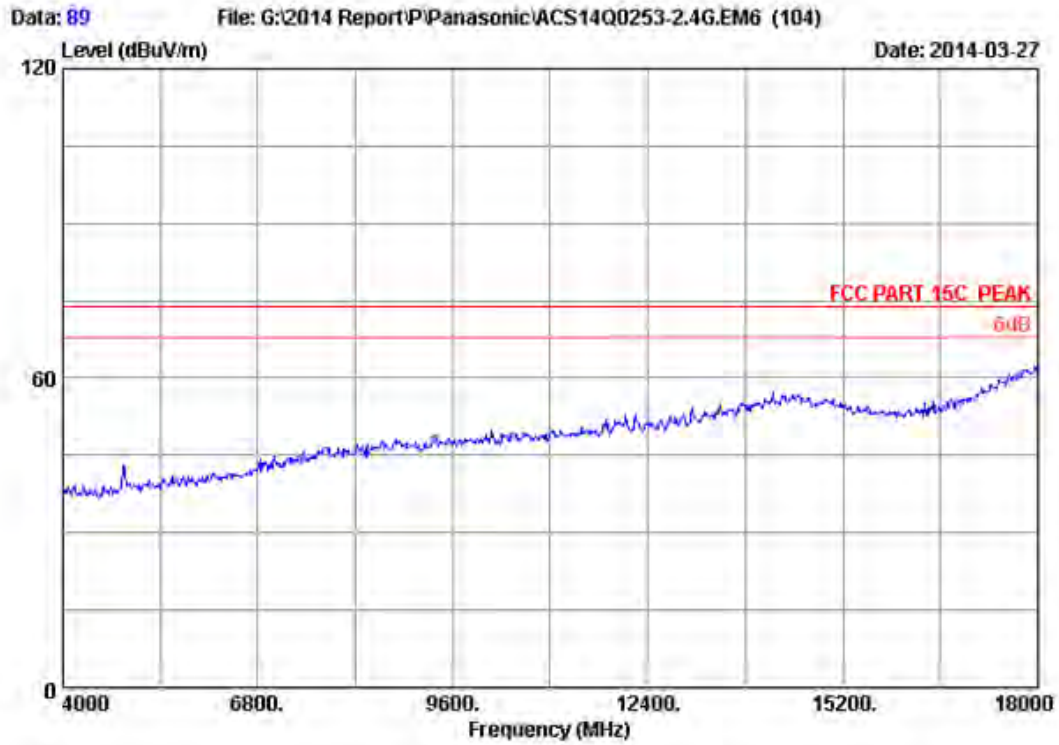
Site no.	: 3m Chamber	Data no.	: 87
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT40 2423MHz Tx		
M/N	: SC-ALL3		



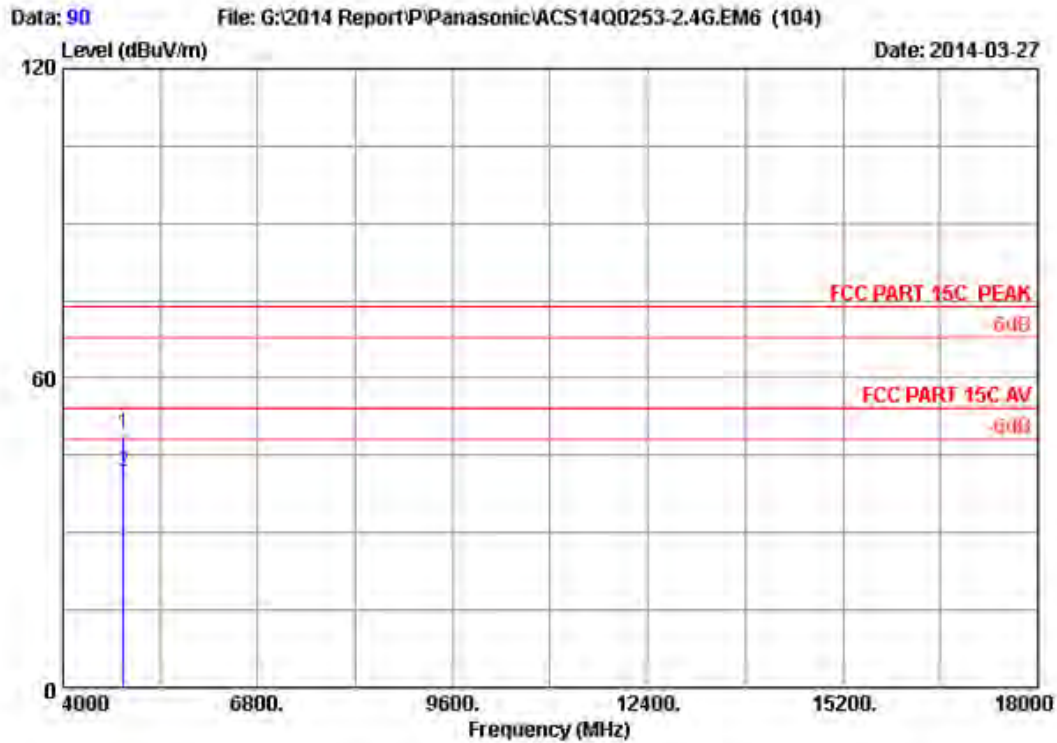
Site no. : 3m Chamber Data no. : 88
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol.: VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 2422MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4844.000	32.92	8.60	35.70	46.32	52.14	74.00	21.86	Peak
2	4844.000	32.92	8.60	35.70	40.04	45.86	54.00	8.14	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



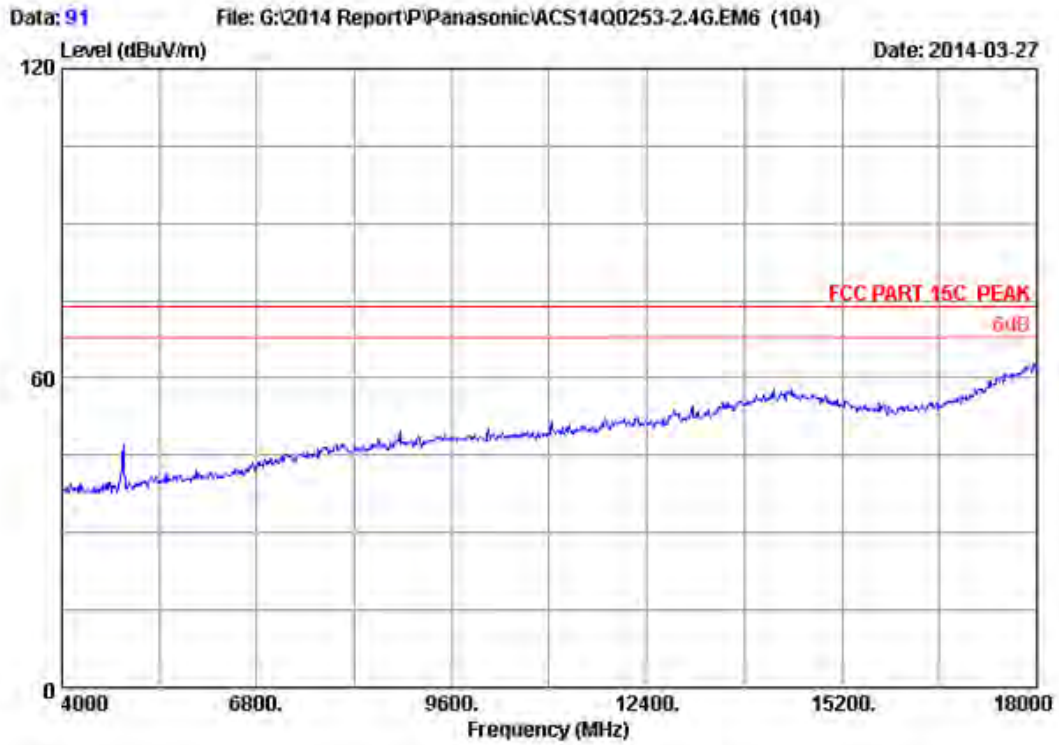
Site no.	: 3m Chamber	Data no.	: 89
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT40 2437MHz Tx		
M/N	: SC-ALL3		



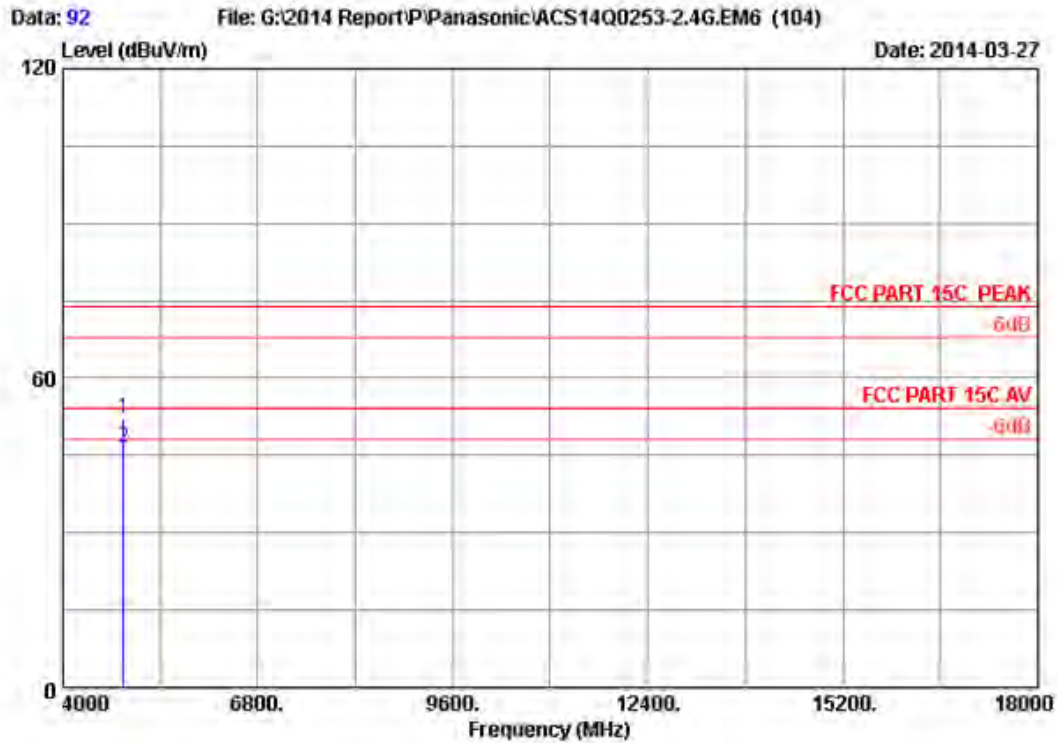
Site no. : 3m Chamber Data no. : 90
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 2437MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.000	32.97	8.63	35.70	43.13	49.03	74.00	24.97	Peak
2	4874.000	32.97	8.63	35.70	36.05	41.95	54.00	12.05	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



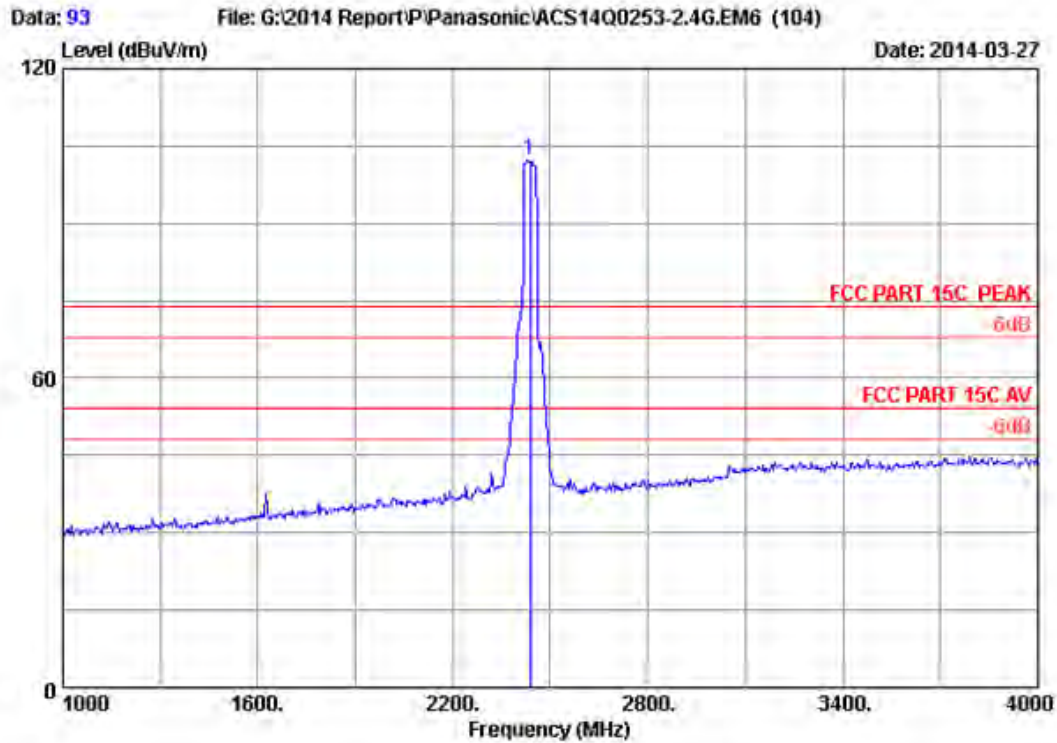
Site no.	: 3m Chamber	Data no.	: 91
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT40 2437MHz Tx		
M/N	: SC-ALL3		



Site no. : 3m Chamber Data no. : 92
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 2437MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.000	32.97	8.63	35.70	46.09	51.99	74.00	22.01	Peak
2	4874.000	32.97	8.63	35.70	40.63	46.53	54.00	7.47	Average

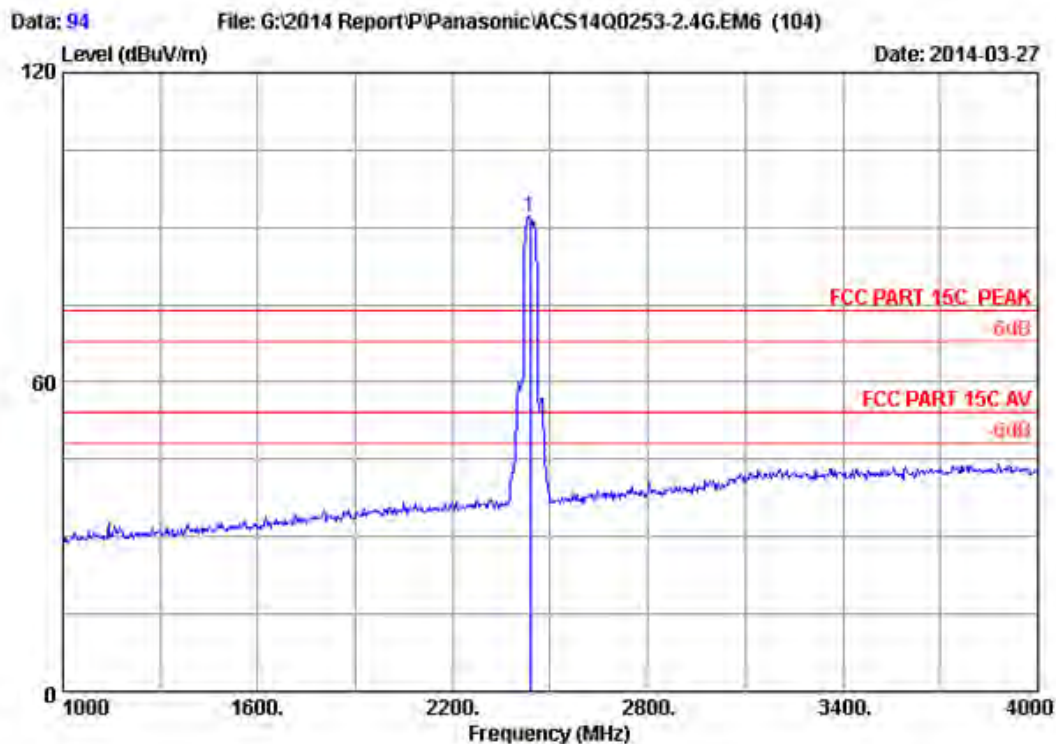
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 93
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 2437MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2437.000	28.26	5.85	35.70	103.74	102.15	74.00	-28.15	Peak

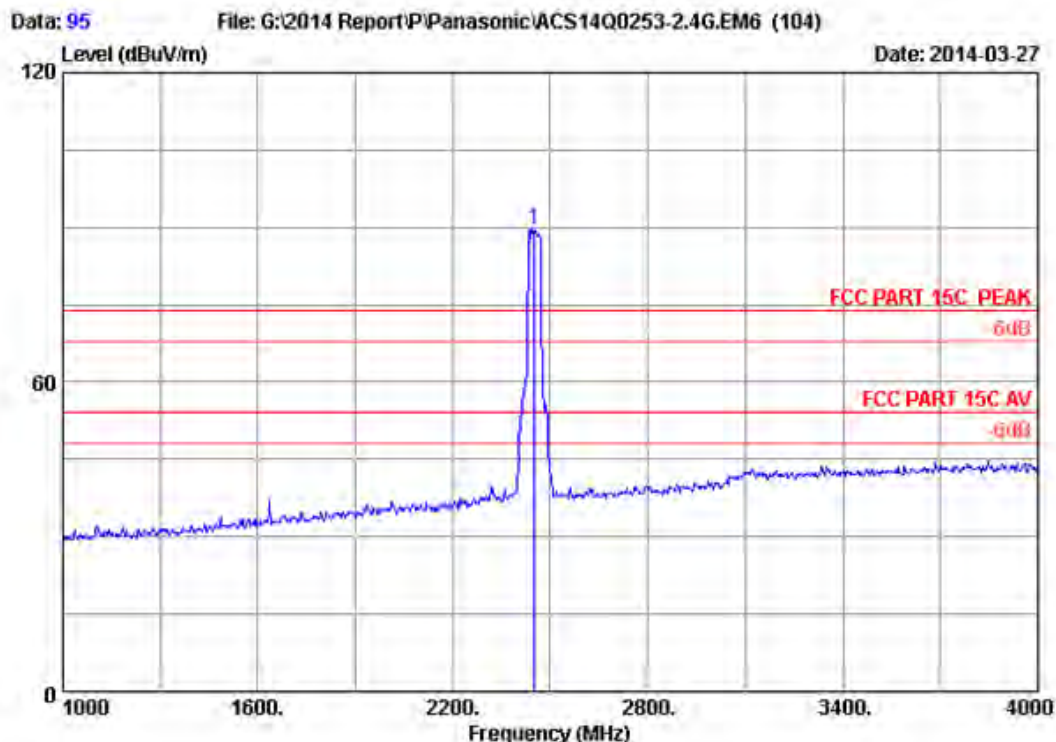
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 94
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 2437MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2437.000	28.26	5.85	35.70	93.50	91.91	74.00	-17.91	Peak

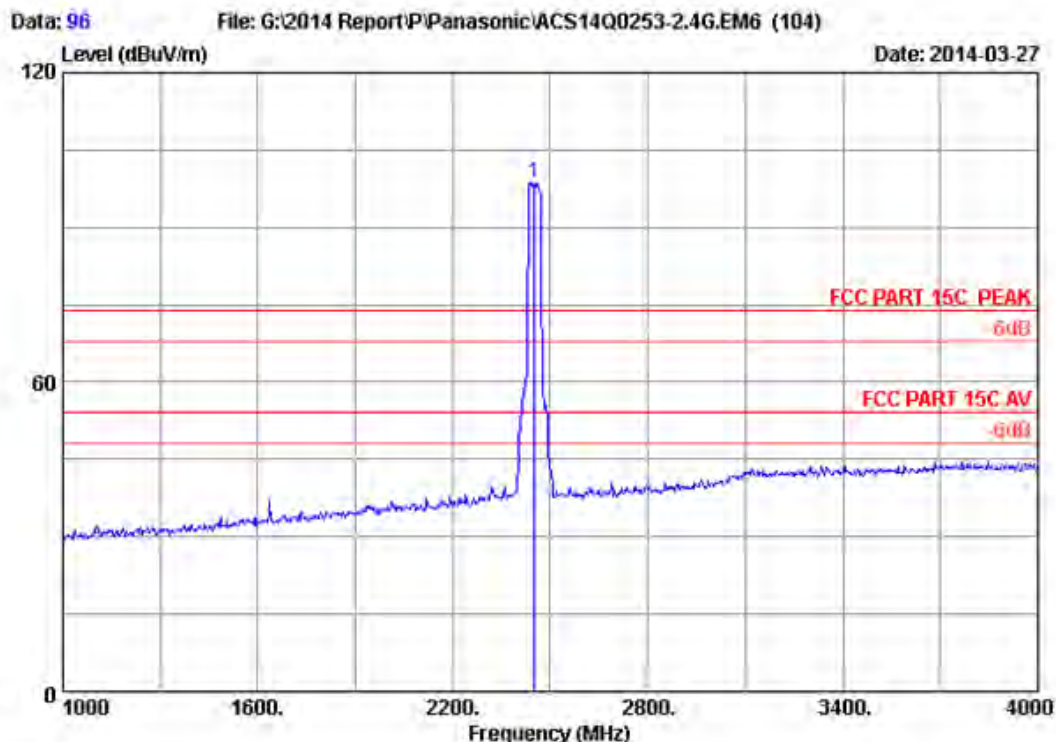
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 95
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 2452MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2452.000	28.29	5.87	35.70	91.11	89.57	74.00	-15.57	Peak

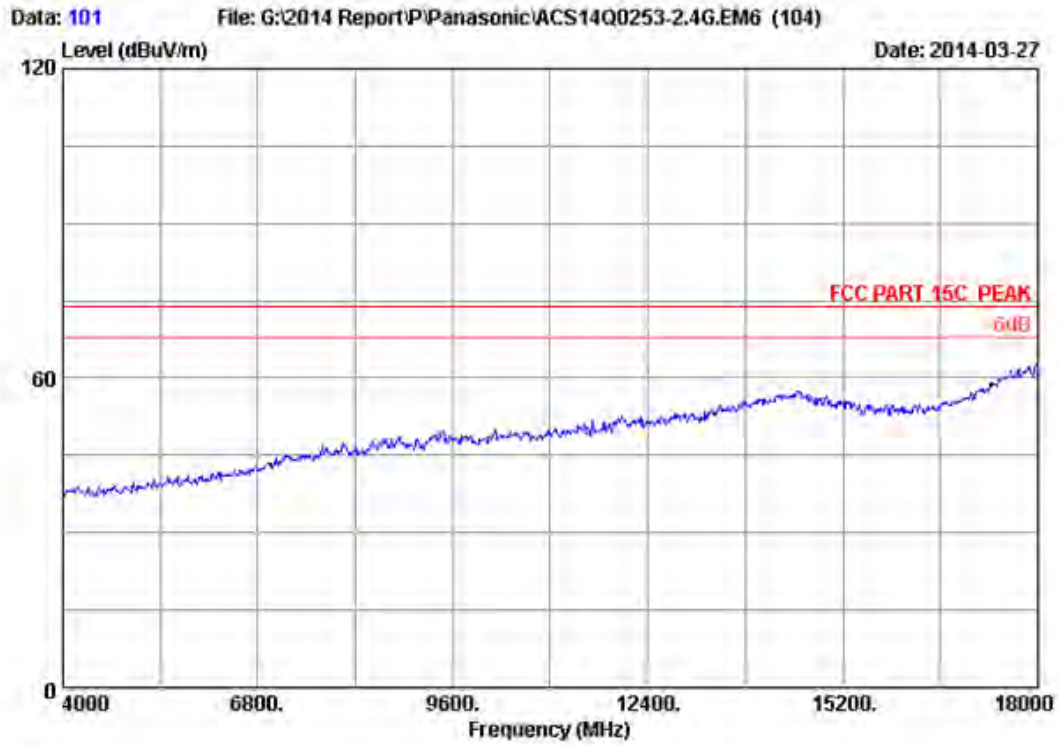
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



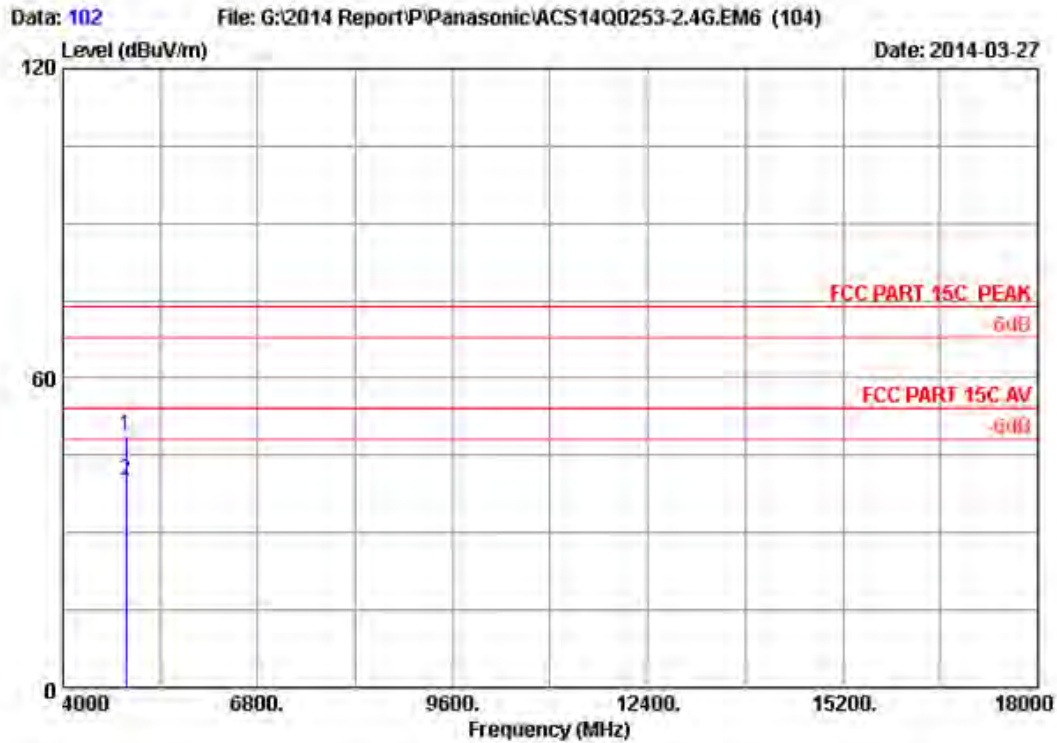
Site no. : 3m Chamber Data no. : 96
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 2452MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	
1	2452.000	28.29	5.87	35.70	100.31	98.77	74.00	-24.77	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



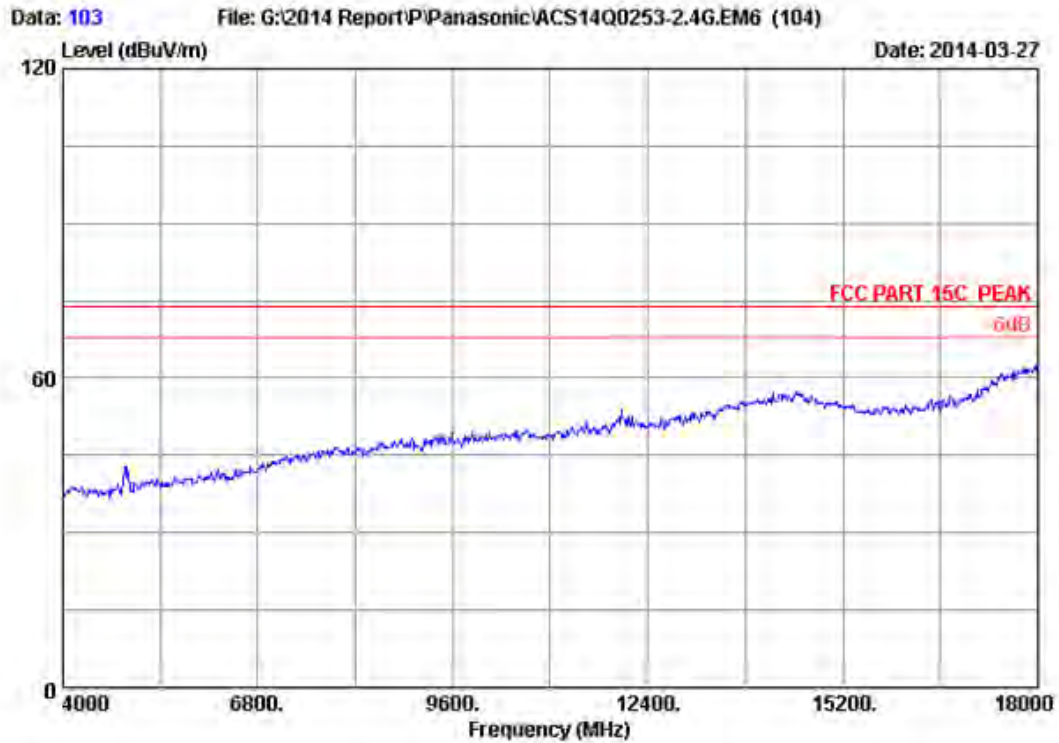
Site no. : 3m Chamber	Data no. : 101
Dis. / Ant. : 3m 2013 3115 (4580)	Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK	
Env. / Ins. : 24°C/56%	Engineer : Leo-Li
EUT : Wireless Speaker System	
Power Rating : AC 120V/60Hz	
Test Mode : IEEE802.11nHT40 2452MHz Tx	
M/N : SC-ALL3	



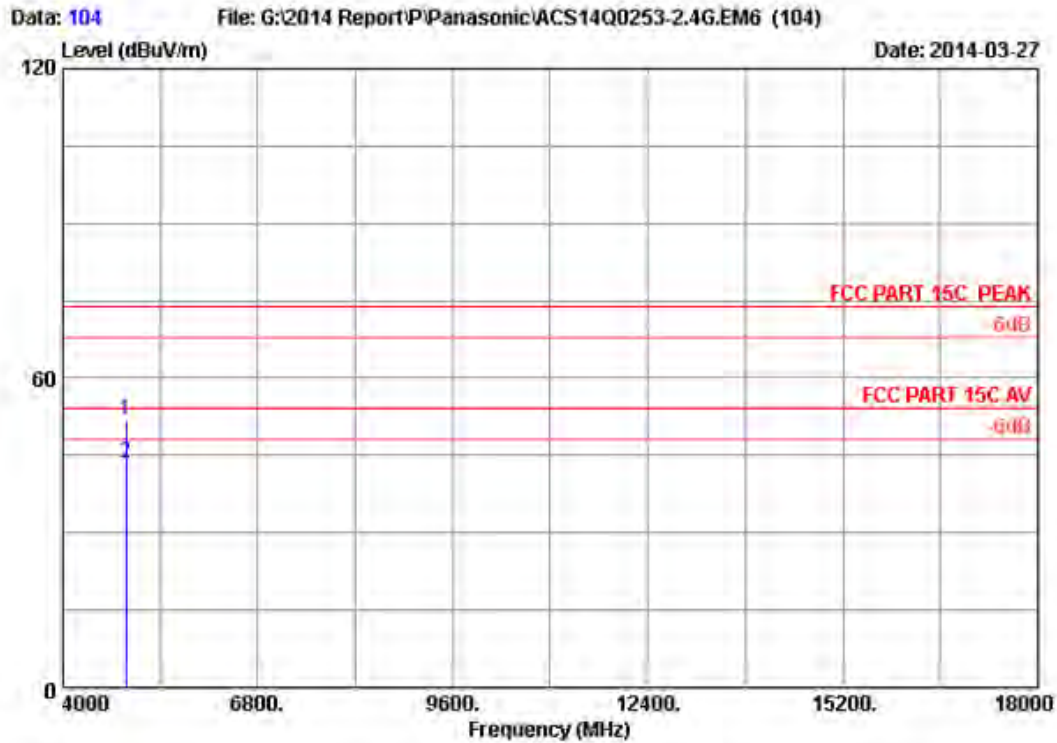
Site no. : 3m Chamber Data no. : 102
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 2452MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4904.000	33.03	8.66	35.70	42.80	48.79	74.00	25.21	Peak
2	4904.000	33.03	8.66	35.70	34.05	40.04	54.00	13.96	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no.	: 3m Chamber	Data no.	: 103
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT40 2452MHz Tx		
M/N	: SC-ALL3		



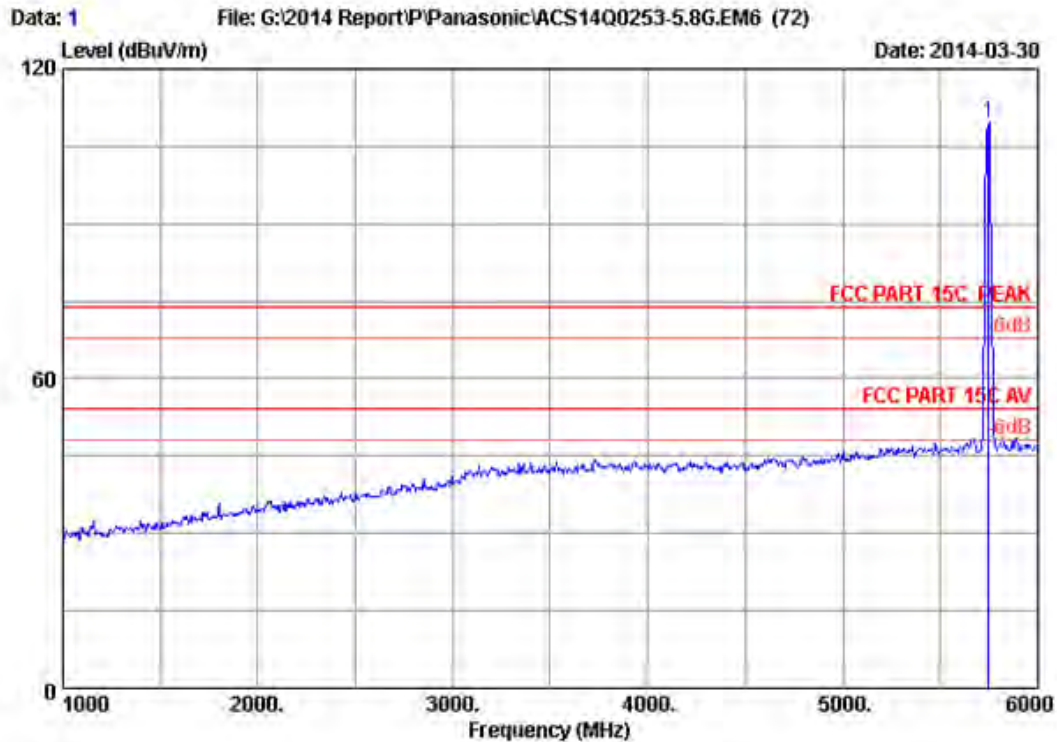
Site no. : 3m Chamber Data no. : 104
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 2452MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4904.000	33.03	8.66	35.70	45.77	51.76	74.00	22.24	Peak
2	4904.000	33.03	8.66	35.70	37.45	43.44	54.00	10.56	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.

5.8G:

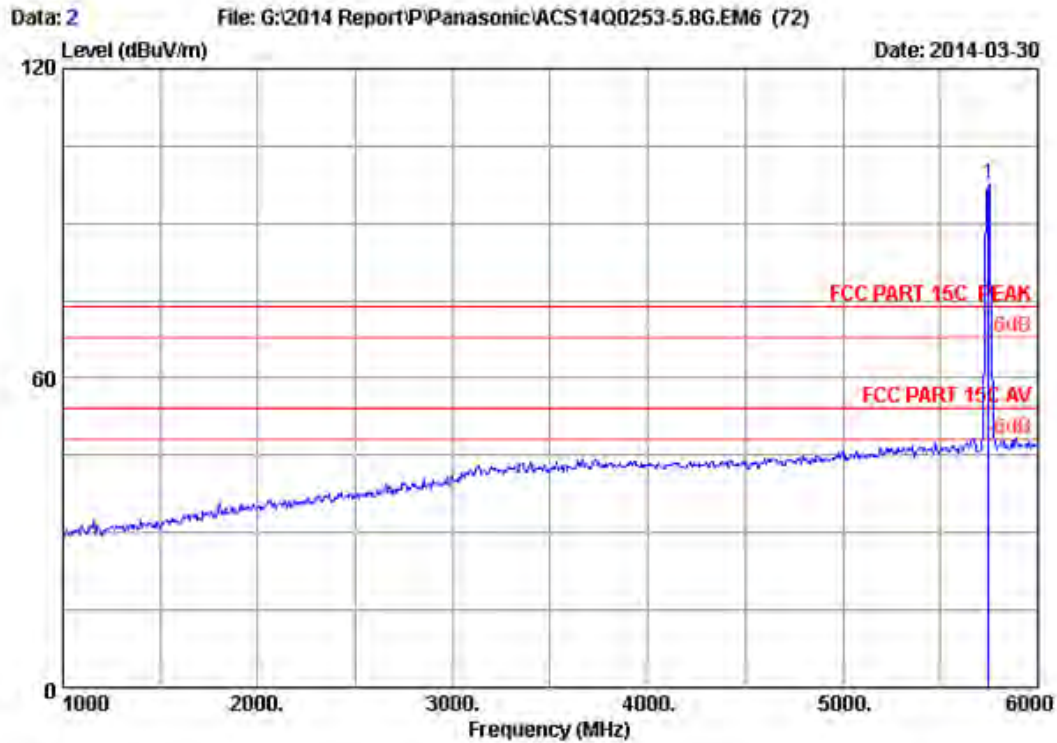
Frequency: 1GHz~18GHz



Site no. : 3m Chamber Data no. : 1
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5745MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant.	Cable	AMP	Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	5745.000	34.10	9.55	35.70	101.59	109.54	74.00	-35.54	Peak

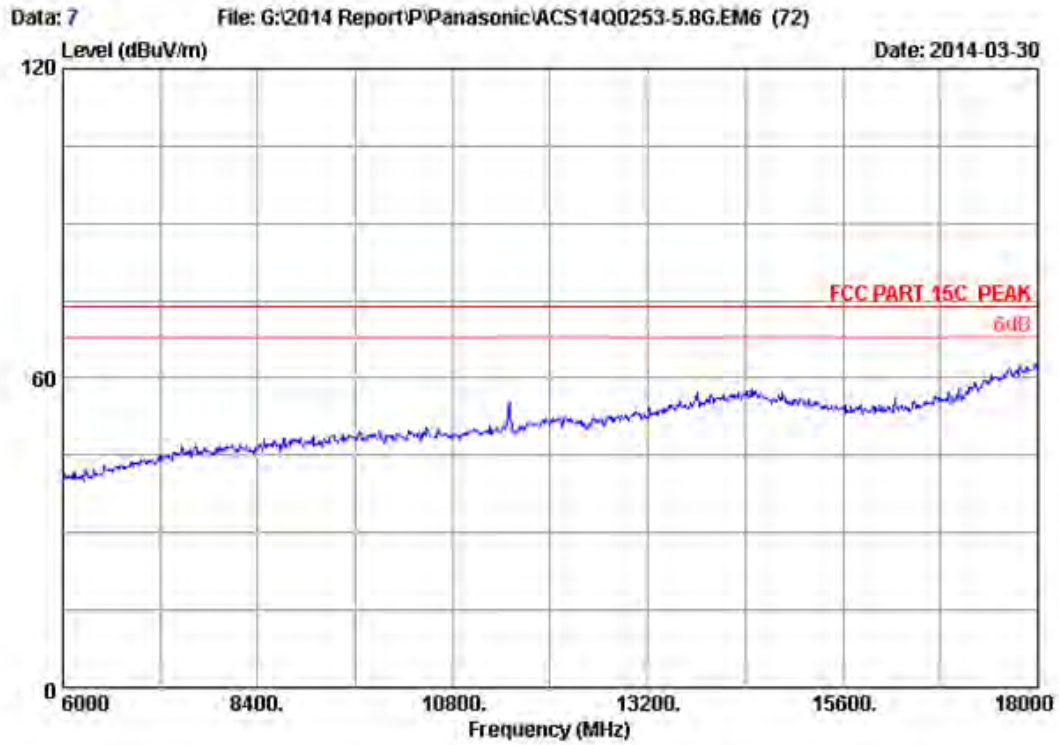
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



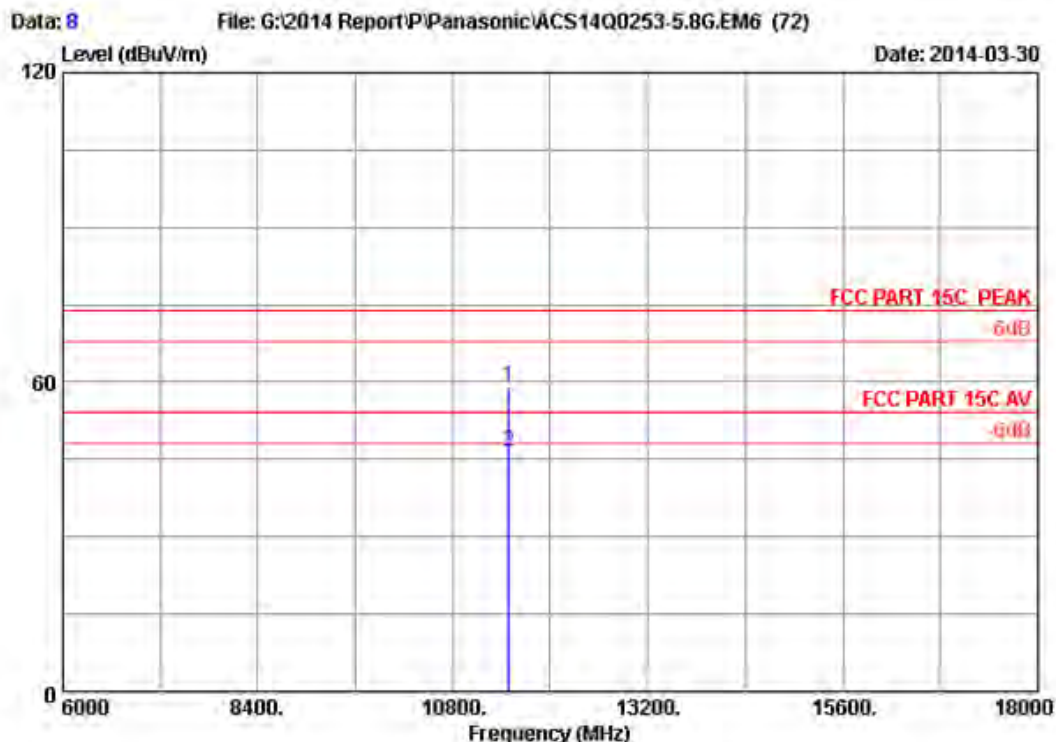
Site no. : 3m Chamber Data no. : 2
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5745MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	5745.000	34.10	9.55	35.70	89.59	97.54	74.00	-23.54	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



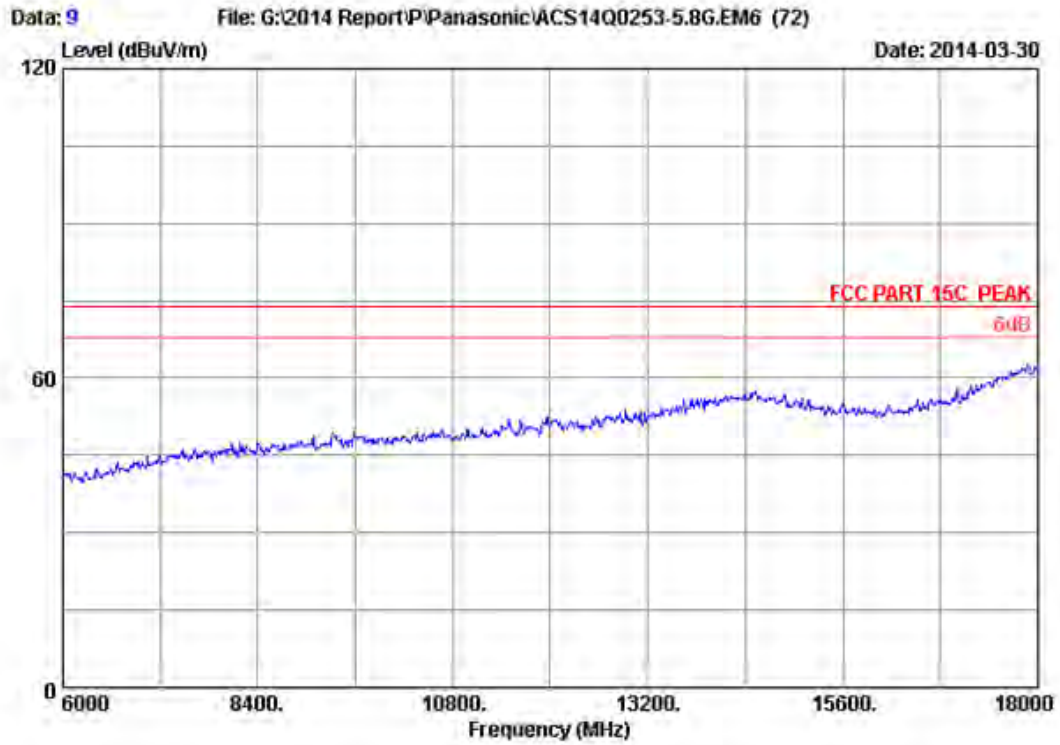
Site no. : 3m Chamber	Data no. : 7
Dis. / Ant. : 3m 2013 3115 (4580)	Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK	
Env. / Ins. : 24°C/56%	Engineer : Leo-Li
EUT : Wireless Speaker System	
Power Rating : AC 120V/60Hz	
Test Mode : IEEE802.11a 5745MHz Tx	
M/N : SC-ALL3	



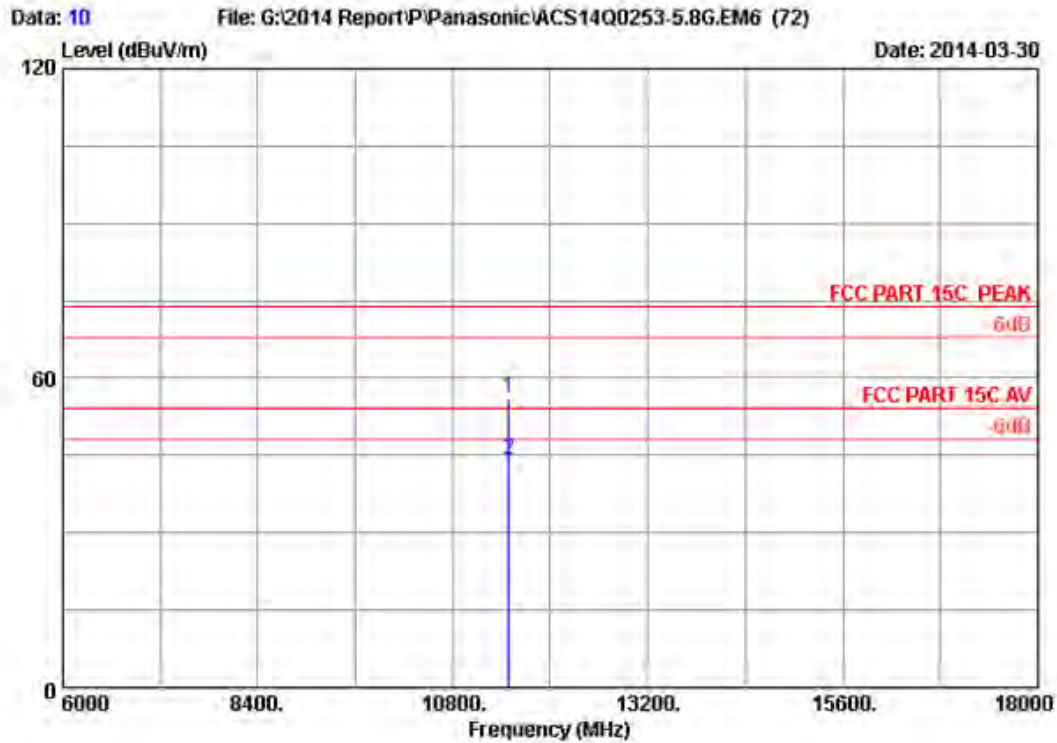
Site no. : 3m Chamber Data no. : 8
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5745MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11490.000	38.69	13.28	35.28	42.40	59.09	74.00	14.91	Peak
2	11490.000	38.69	13.28	35.28	29.62	46.31	54.00	7.69	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



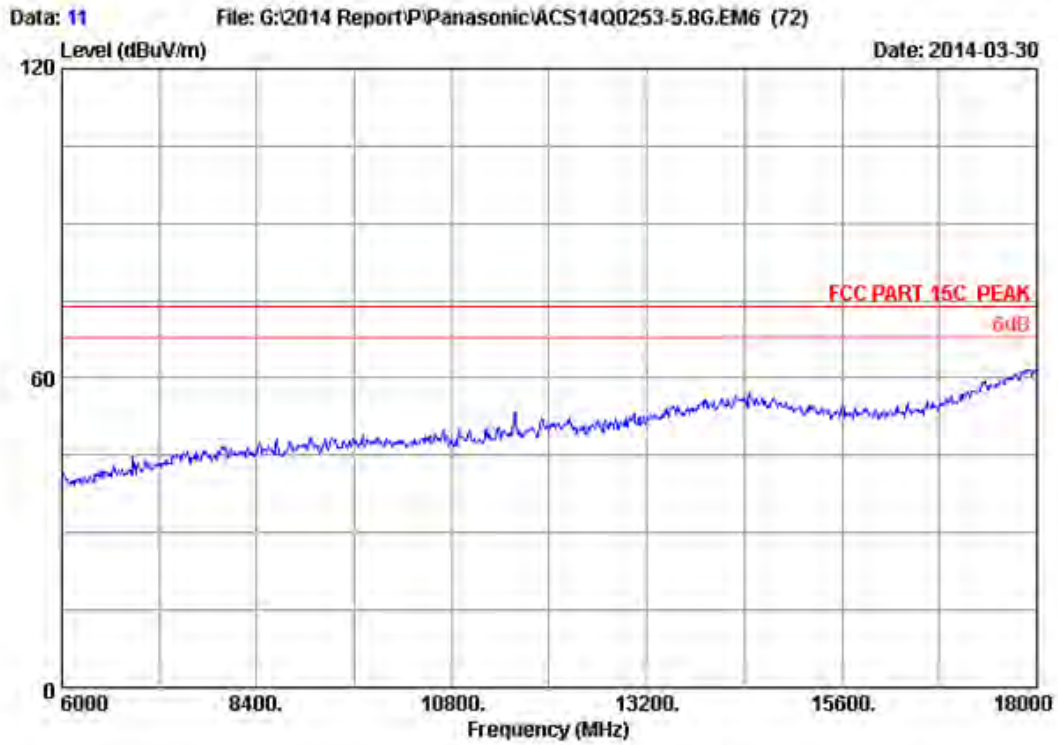
Site no.	: 3m Chamber	Data no.	: 9
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11a 5745MHz Tx		
M/N	: SC-ALL3		



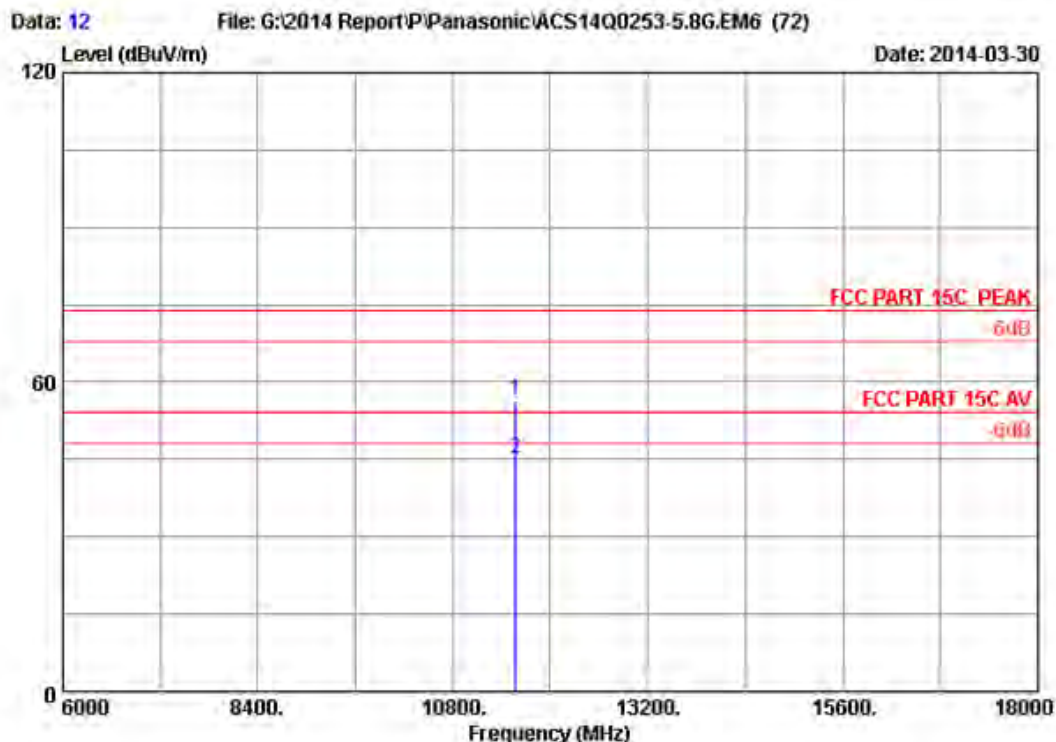
Site no. : 3m Chamber Data no. : 10
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5745MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11490.000	38.69	13.28	35.28	89.32	56.01	74.00	17.99	Peak
2	11490.000	38.69	13.28	35.28	27.47	44.16	54.00	9.84	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



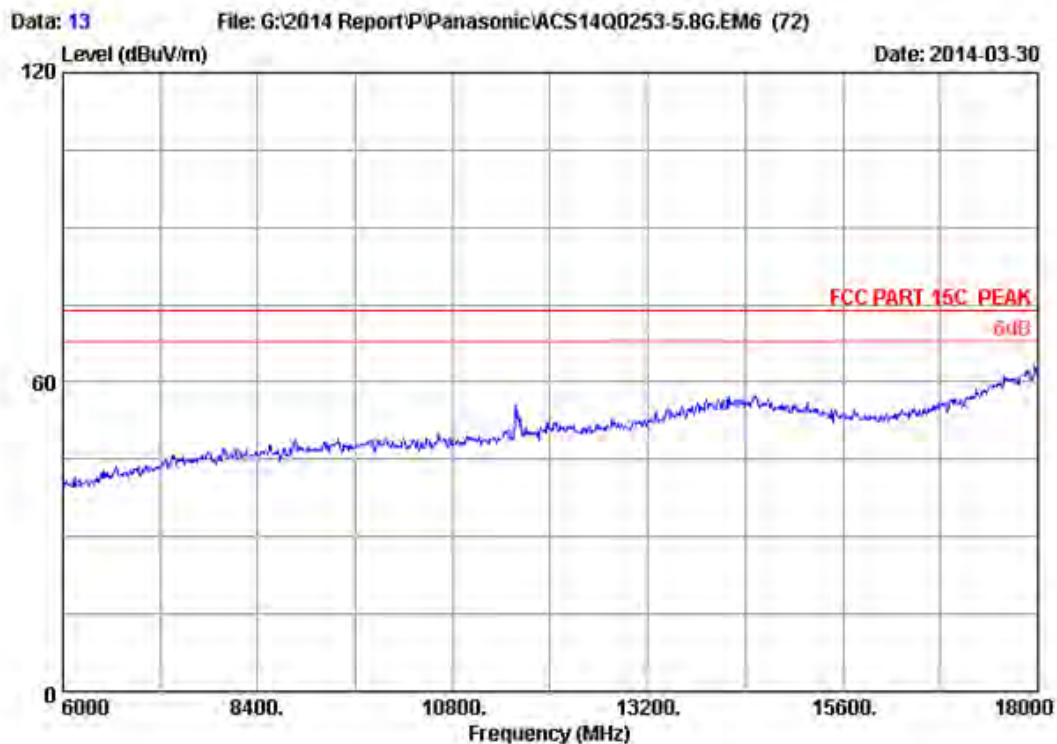
Site no. : 3m Chamber	Data no. : 11
Dis. / Ant. : 3m 2013 3115 (4580)	Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK	
Env. / Ins. : 24°C/56%	Engineer : Leo-Li
EUT : Wireless Speaker System	
Power Rating : AC 120V/60Hz	
Test Mode : IEEE802.11a 5785MHz Tx	
M/N : SC-ALL3	



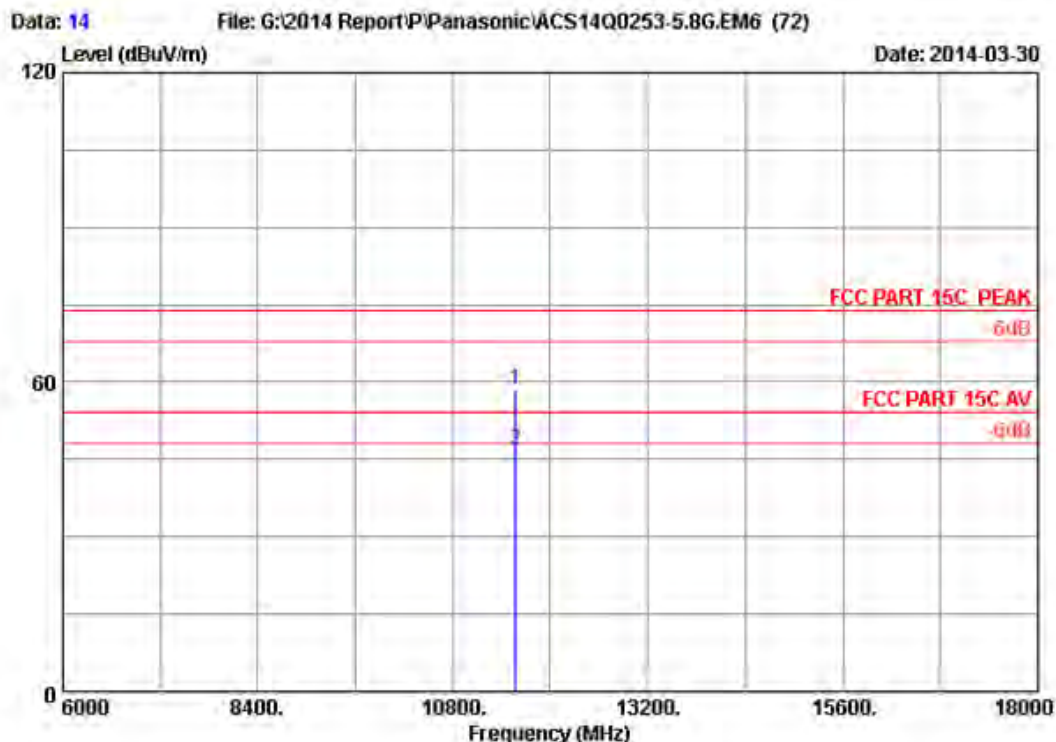
Site no. : 3m Chamber Data no. : 12
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5785MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11570.000	38.80	13.32	35.26	39.72	56.58	74.00	17.42	Peak
2	11570.000	38.80	13.32	35.26	28.35	45.21	54.00	8.79	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



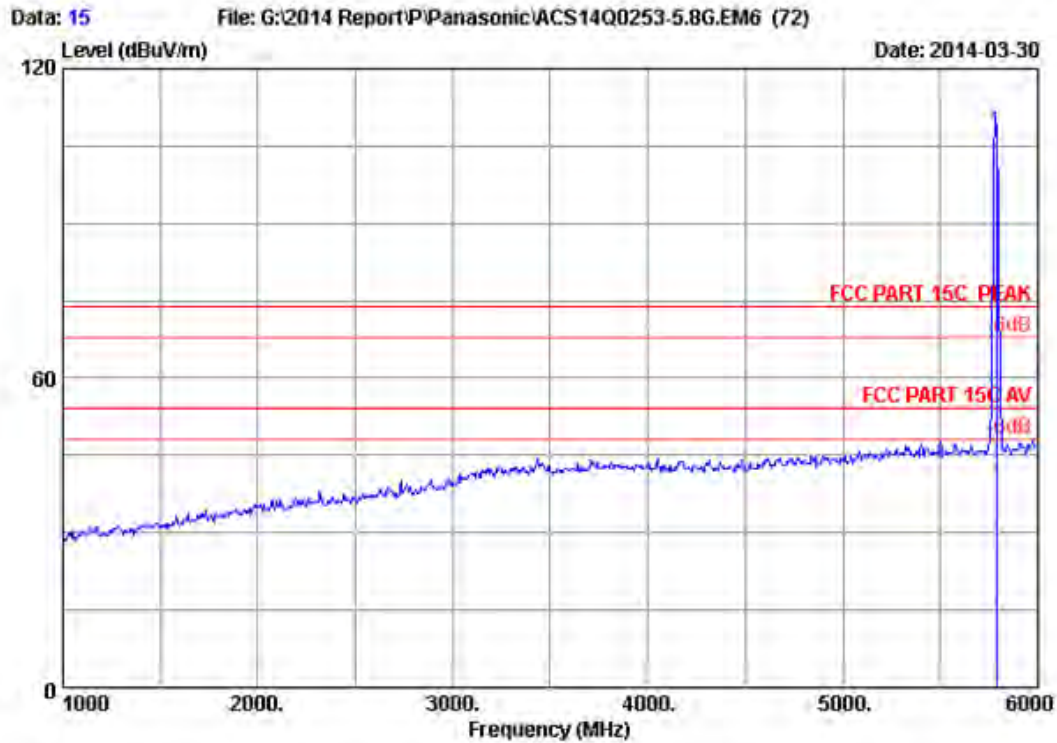
Site no. : 3m Chamber	Data no. : 13
Dis. / Ant. : 3m 2013 3115 (4580)	Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK	
Env. / Ins. : 24°C/56%	Engineer : Leo-Li
EUT : Wireless Speaker System	
Power Rating : AC 120V/60Hz	
Test Mode : IEEE802.11a 5785MHz Tx	
M/N : SC-ALL3	



Site no. : 3m Chamber Data no. : 14
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5785MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11570.000	38.80	13.32	35.26	41.48	58.34	74.00	15.66	Peak
2	11570.000	38.80	13.32	35.26	29.81	46.67	54.00	7.33	Average

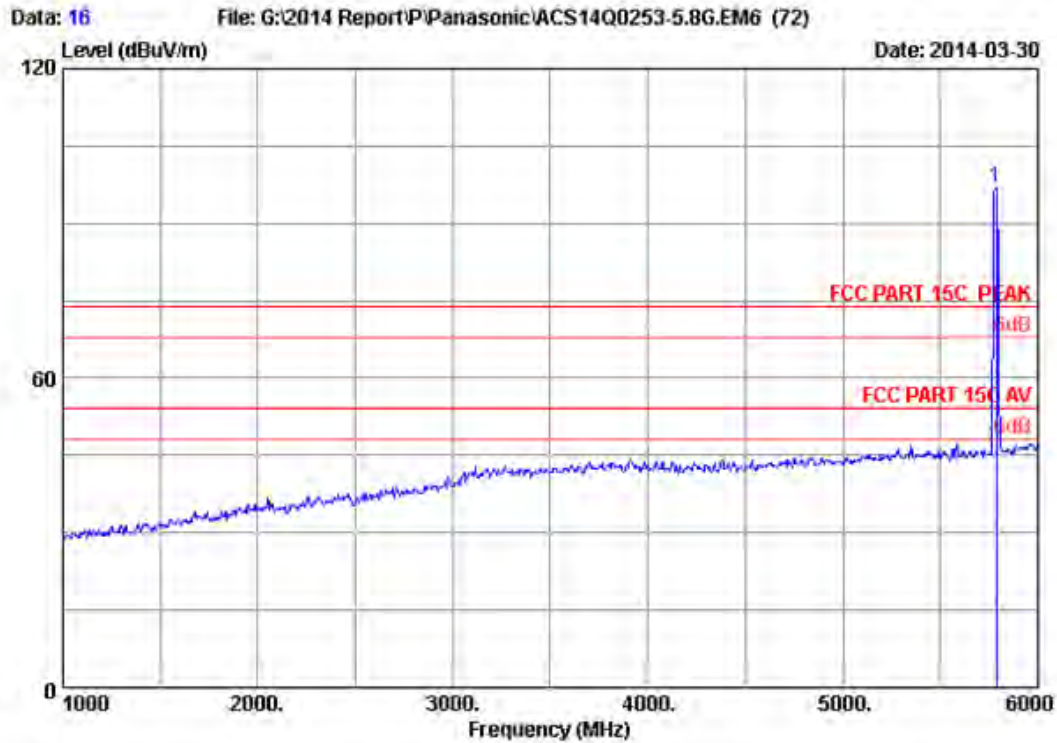
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 15
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5785MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	5785.000	34.11	9.59	35.70	99.64	107.64	74.00	-33.64	Peak

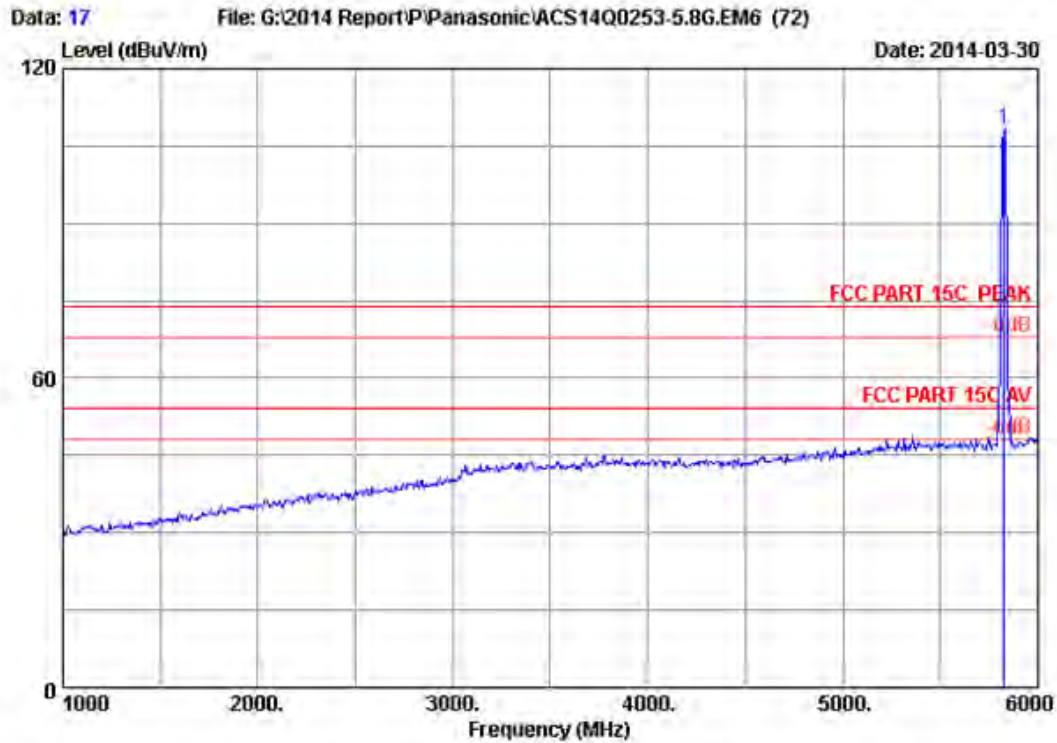
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 16
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5785MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	5785.000	34.11	9.59	35.70	89.05	97.05	74.00	-23.05	Peak

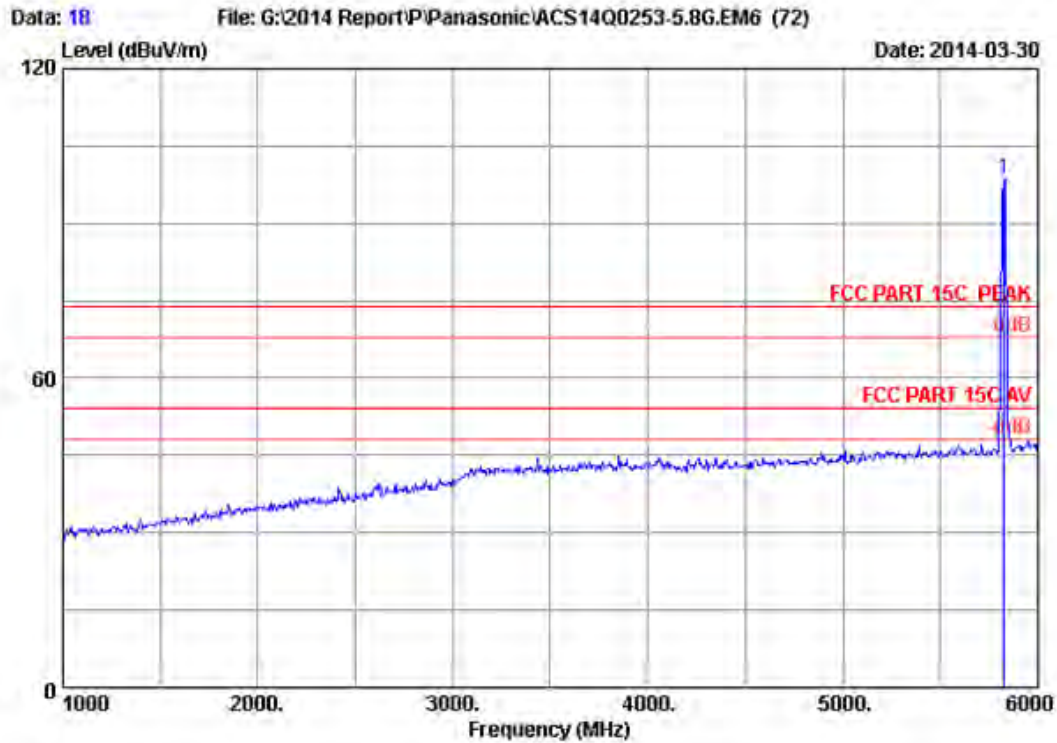
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 17
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5825MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	5825.000	34.13	9.63	35.70	100.21	108.27	74.00	-34.27	Peak

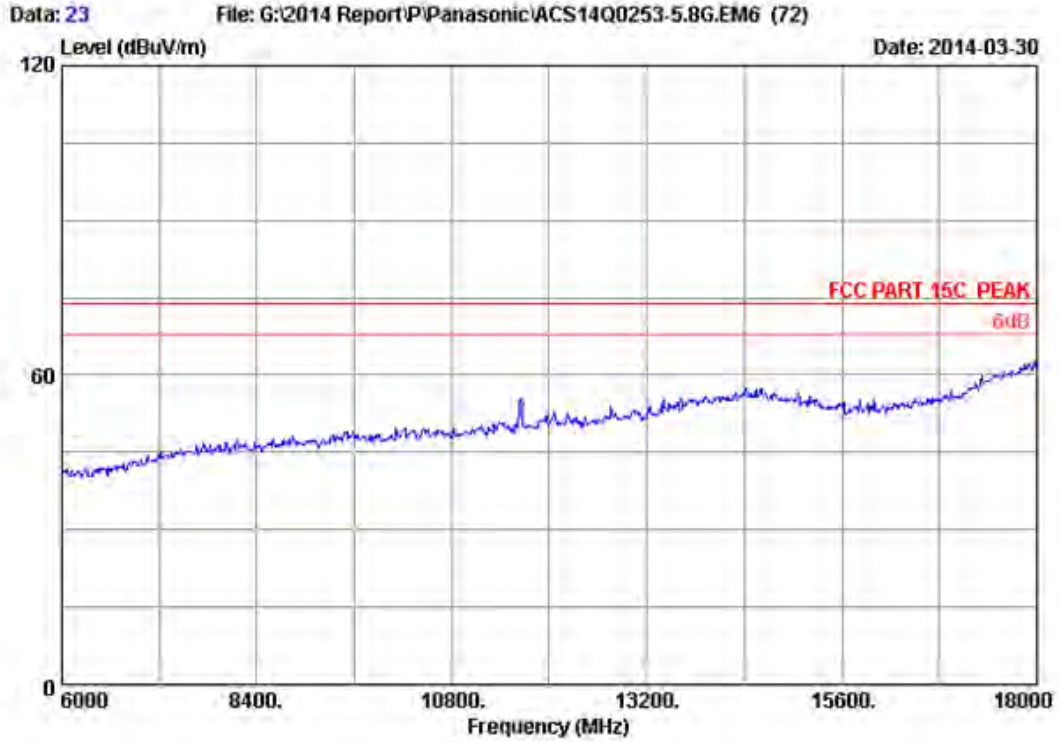
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



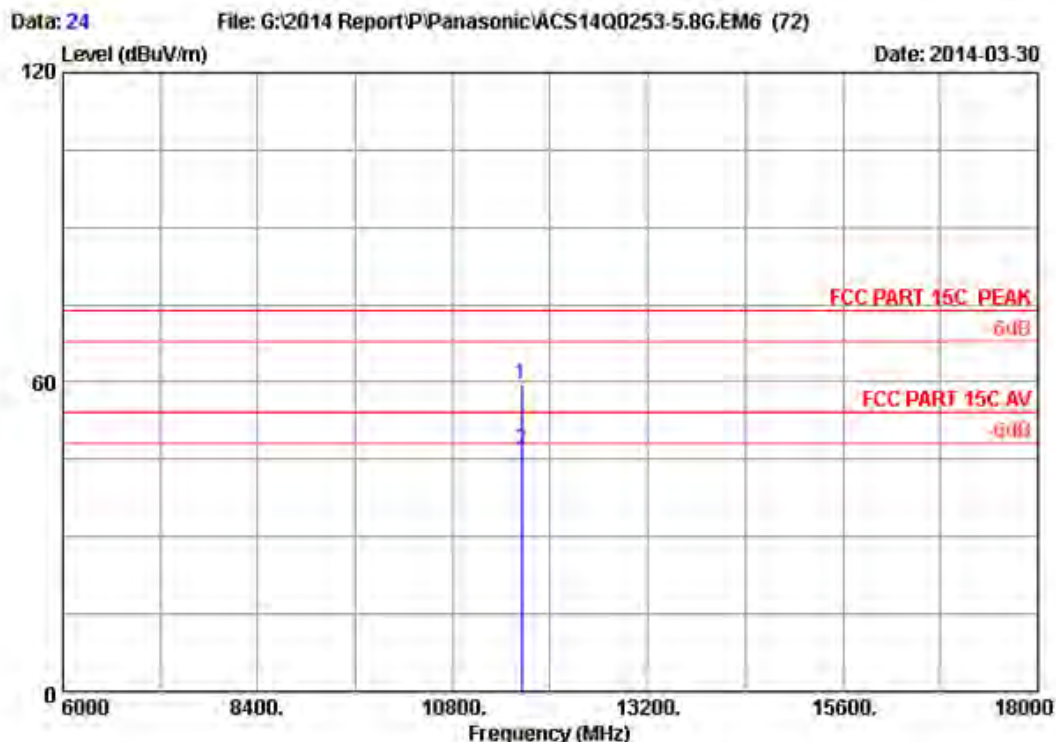
Site no. : 3m Chamber Data no. : 18
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5825MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant.			Reading (dBuV)	Emission			Margin	Remark
		Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)		Level (dBuV/m)	Limits (dBuV/m)			
1	5825.000	34.13	9.63	35.70	90.39	98.45	74.00	-24.45	Peak	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



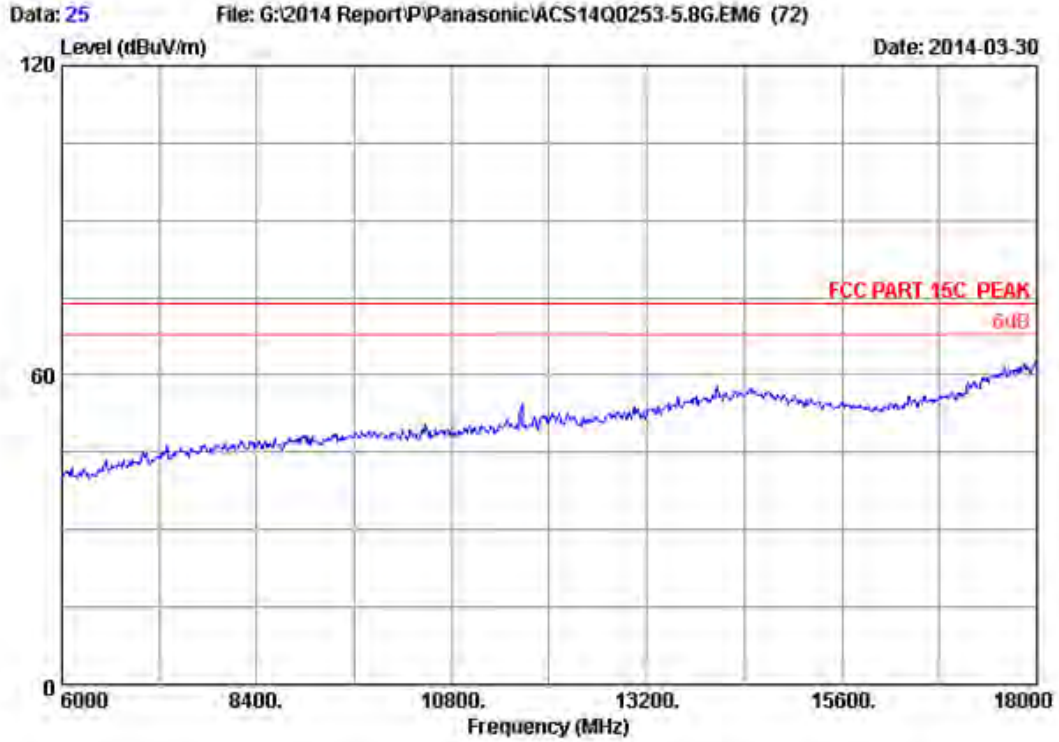
Site no. : 3m Chamber	Data no. : 23
Dis. / Ant. : 3m 2013 3115 (4580)	Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK	
Env. / Ins. : 24°C/56%	Engineer : Leo-Li
EUT : Wireless Speaker System	
Power Rating : AC 120V/60Hz	
Test Mode : IEEE802.11a 5825MHz Tx	
M/N : SC-ALL3	



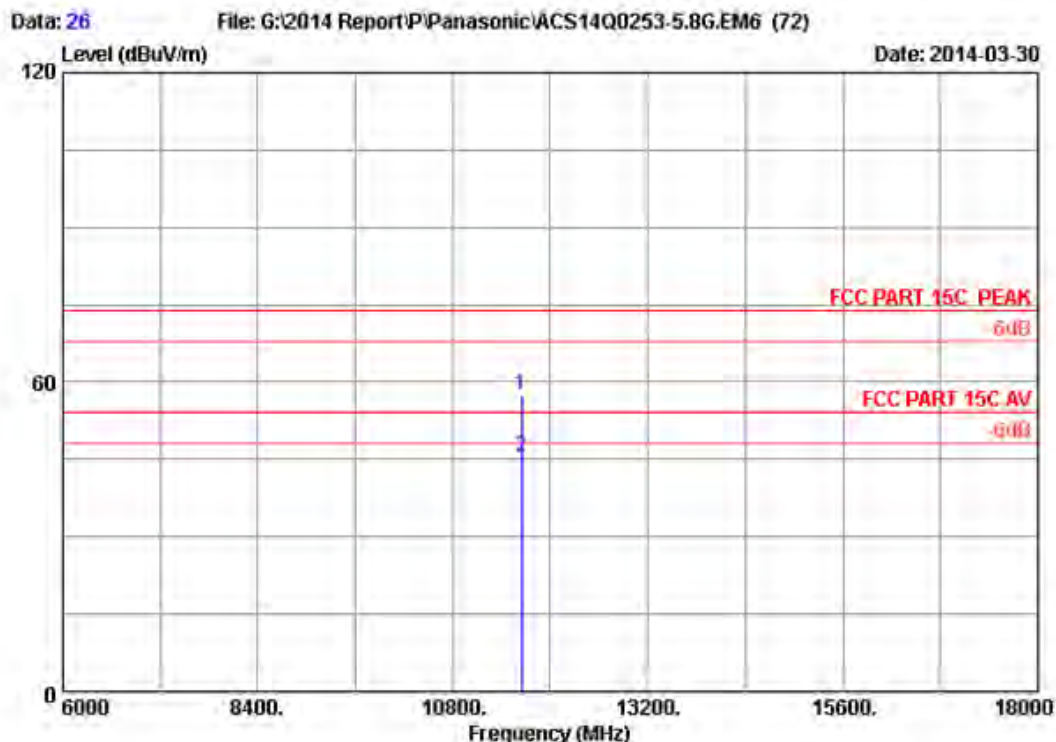
Site no. : 3m Chamber Data no. : 24
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5825MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11650.000	38.91	13.37	35.25	42.44	59.47	74.00	14.53	Peak
2	11650.000	38.91	13.37	35.25	29.86	46.89	54.00	7.11	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



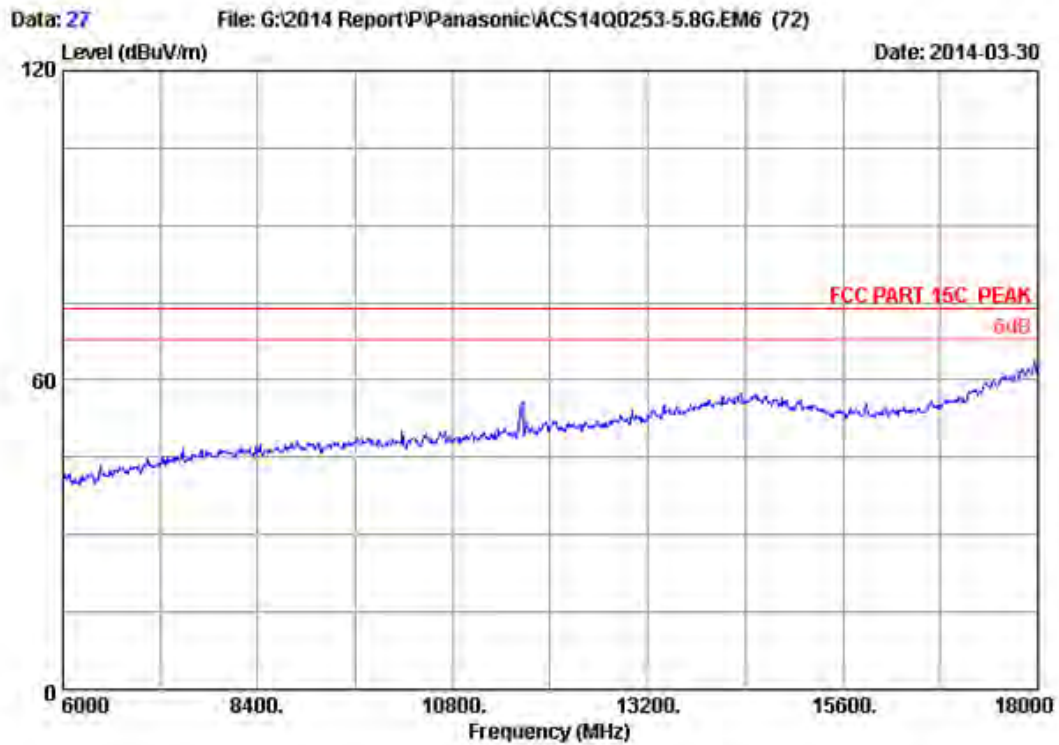
Site no. : 3m Chamber	Data no. : 25
Dis. / Ant. : 3m 2013 3115 (4580)	Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK	
Env. / Ins. : 24°C/56%	Engineer : Leo-Li
EUT : Wireless Speaker System	
Power Rating : AC 120V/60Hz	
Test Mode : IEEE802.11a 5825MHz Tx	
M/N : SC-ALL3	



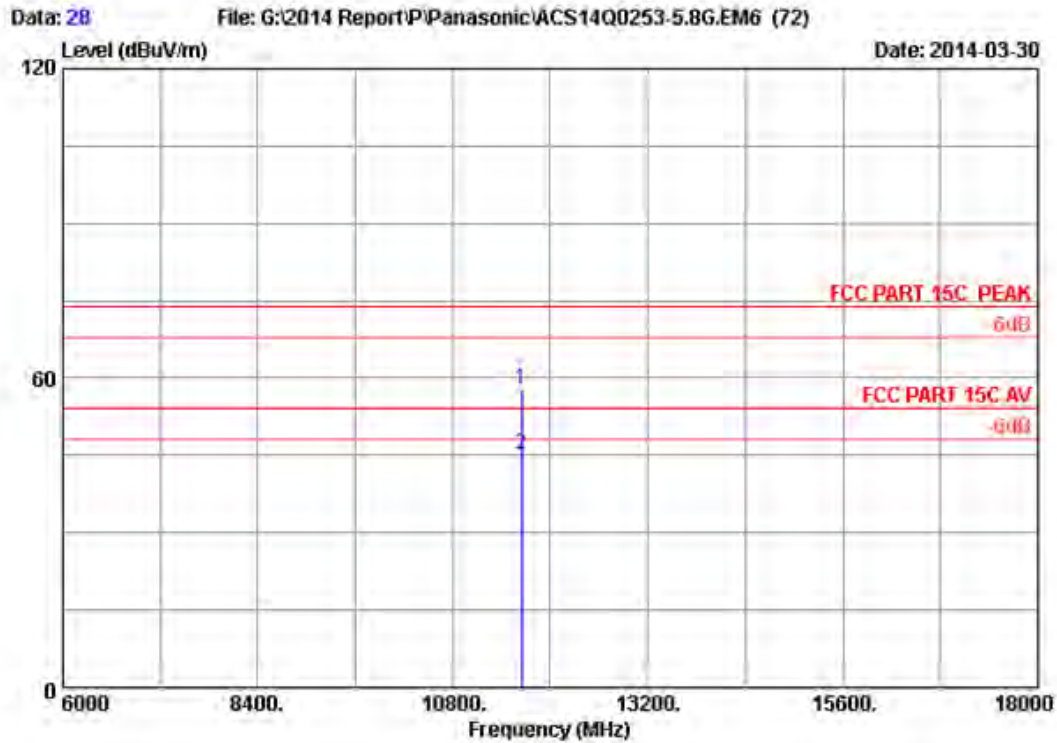
Site no. : 3m Chamber Data no. : 26
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5825MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11650.000	38.91	13.37	35.25	40.48	57.51	74.00	16.49	Peak
2	11650.000	38.91	13.37	35.25	28.31	45.34	54.00	8.66	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



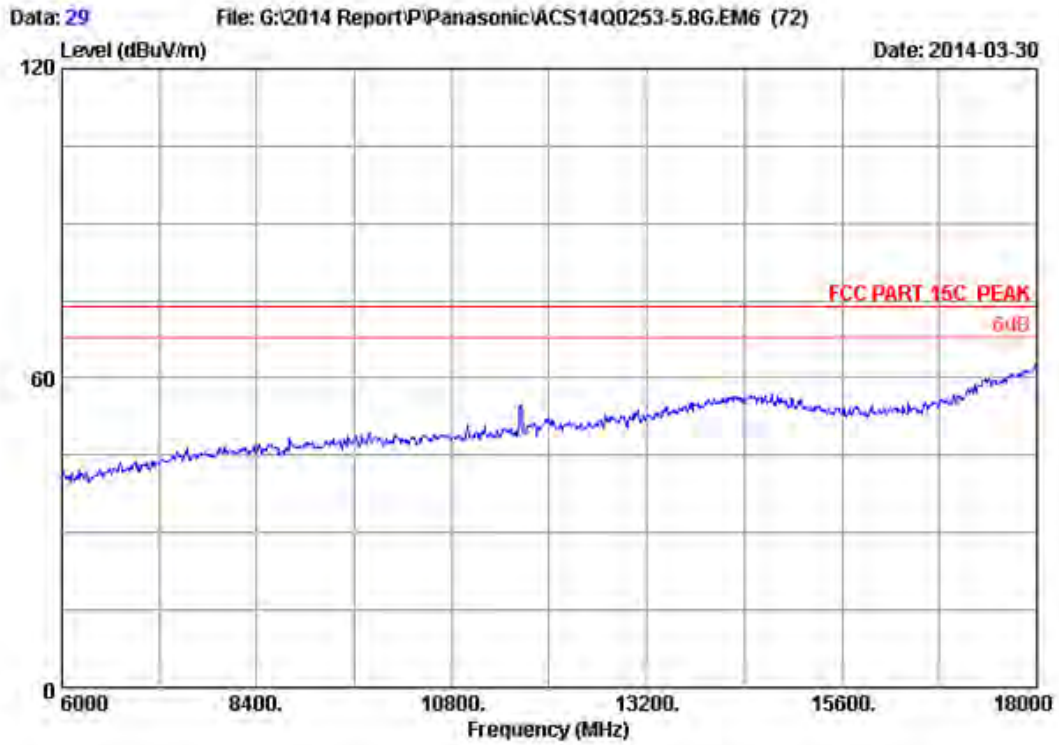
Site no. : 3m Chamber	Data no. : 27
Dis. / Ant. : 3m 2013 3115 (4580)	Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK	
Env. / Ins. : 24°C/56%	Engineer : Leo-Li
EUT : Wireless Speaker System	
Power Rating : AC 120V/60Hz	
Test Mode : IEEE802.11nHT20 5825MHz Tx	
M/N : SC-ALL3	



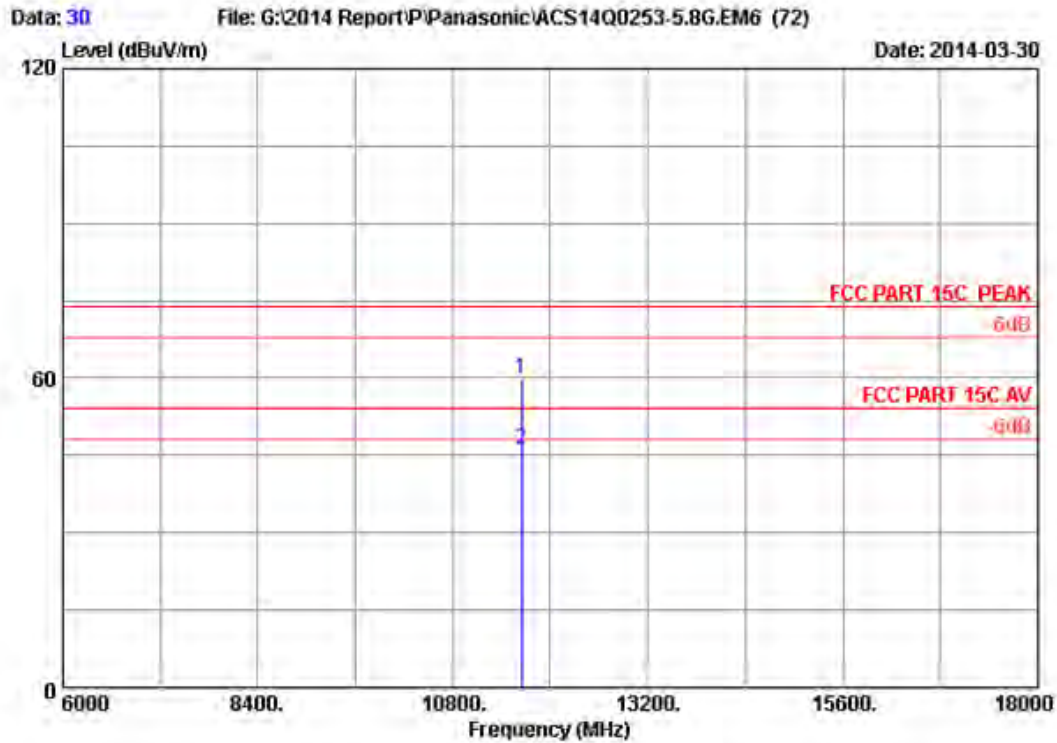
Site no. : 3m Chamber Data no. : 28
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5825MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11650.000	38.91	13.37	35.25	40.86	57.89	74.00	16.11	Peak
2	11650.000	38.91	13.37	35.25	27.94	44.97	54.00	9.03	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



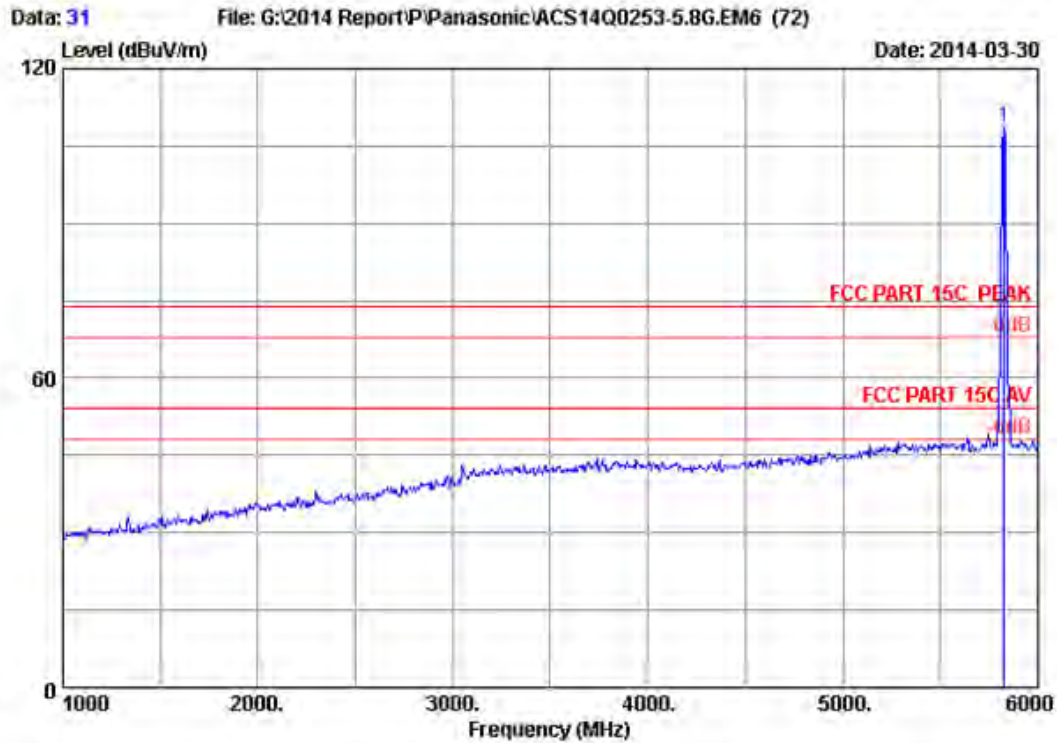
Site no. : 3m Chamber	Data no. : 29
Dis. / Ant. : 3m 2013 3115 (4580)	Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK	
Env. / Ins. : 24°C/56%	Engineer : Leo-Li
EUT : Wireless Speaker System	
Power Rating : AC 120V/60Hz	
Test Mode : IEEE802.11nHT20 5825MHz Tx	
M/N : SC-ALL3	



Site no. : 3m Chamber Data no. : 30
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5825MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11650.000	38.91	13.37	35.25	42.76	59.79	74.00	14.21	Peak
2	11650.000	38.91	13.37	35.25	29.04	46.07	54.00	7.93	Average

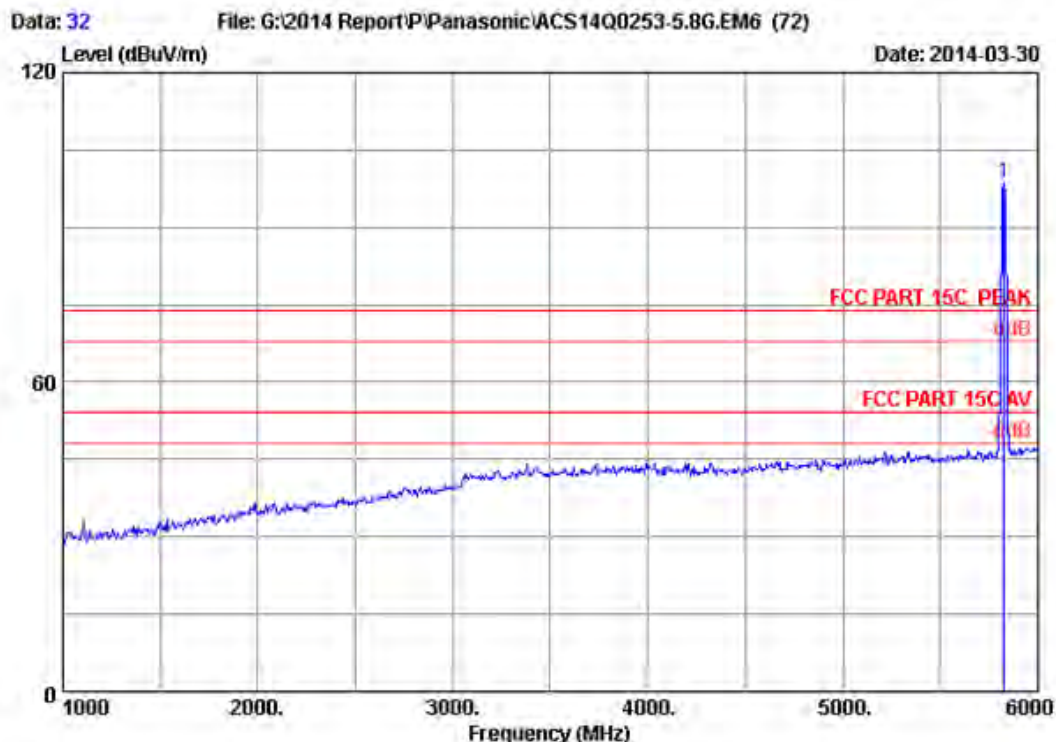
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 31
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5825MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	5825.000	34.13	9.63	35.70	100.48	108.54	74.00	-34.54	Peak

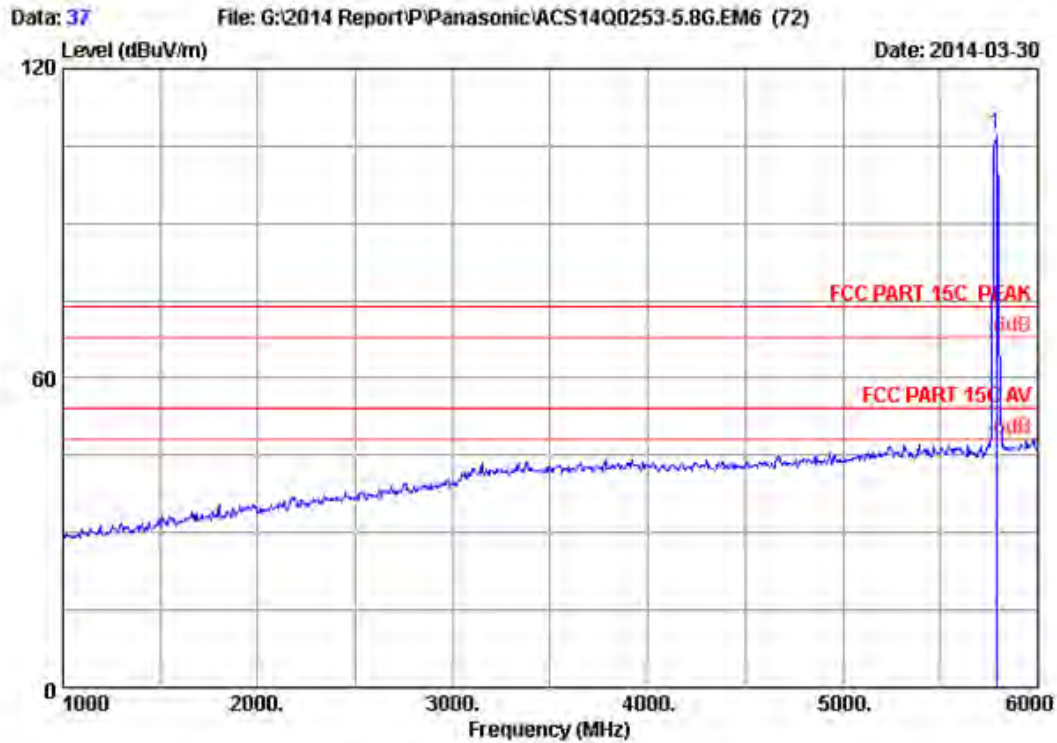
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 32
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5825MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5825.000	34.13	9.63	35.70	90.45	98.51	74.00	-24.51	Peak

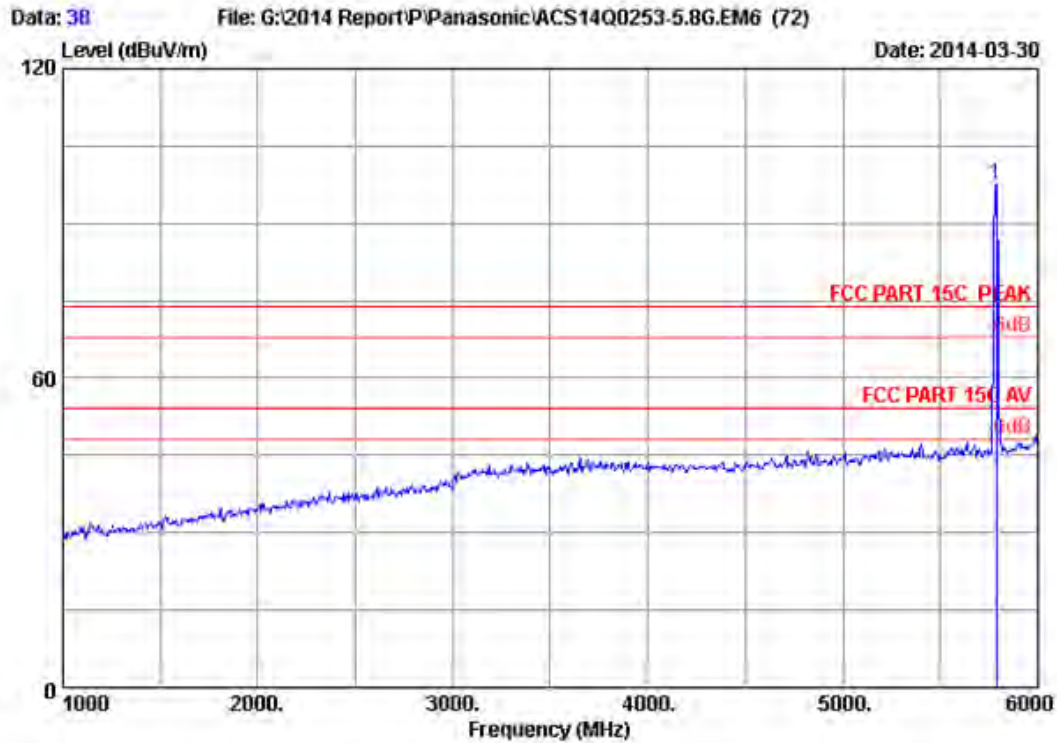
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 37
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5785MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	5785.000	34.11	9.59	35.70	99.39	107.39	74.00	-33.39	Peak

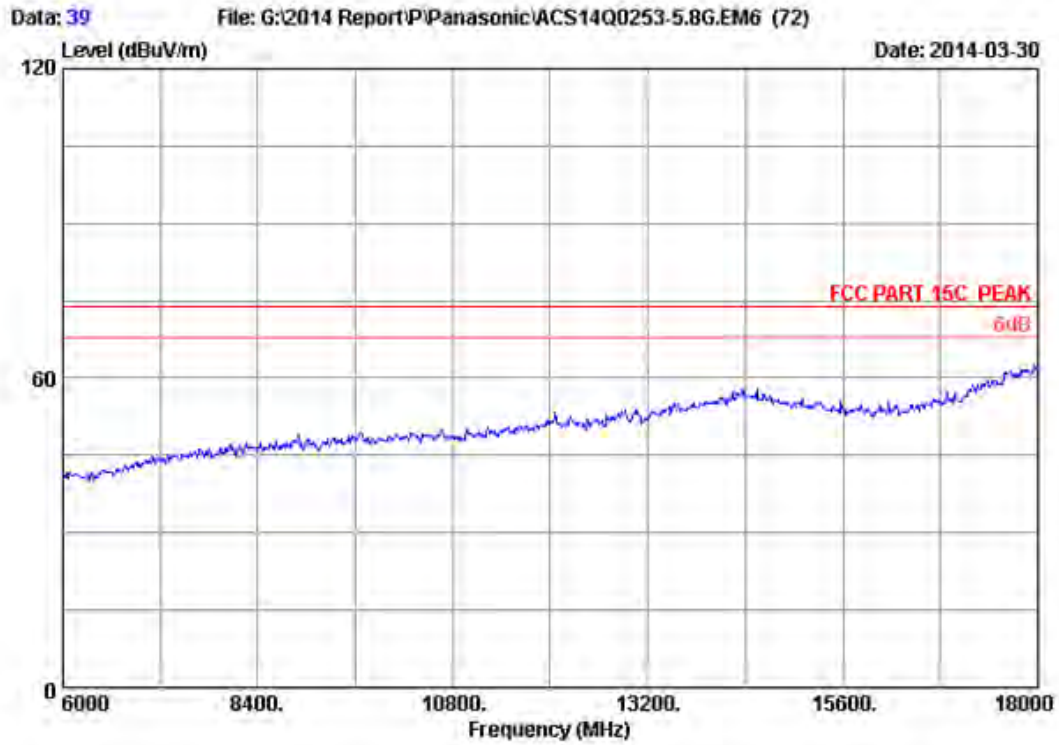
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



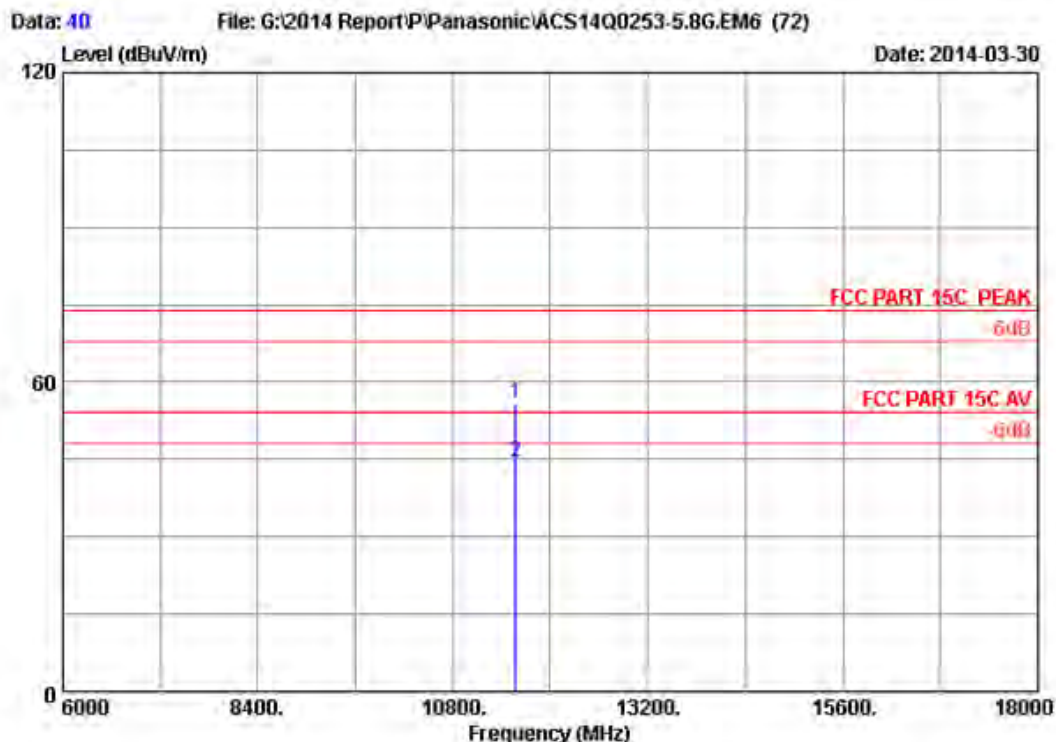
Site no. : 3m Chamber Data no. : 38
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5785MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5785.000	34.11	9.59	35.70	89.72	97.72	74.00	-23.72	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



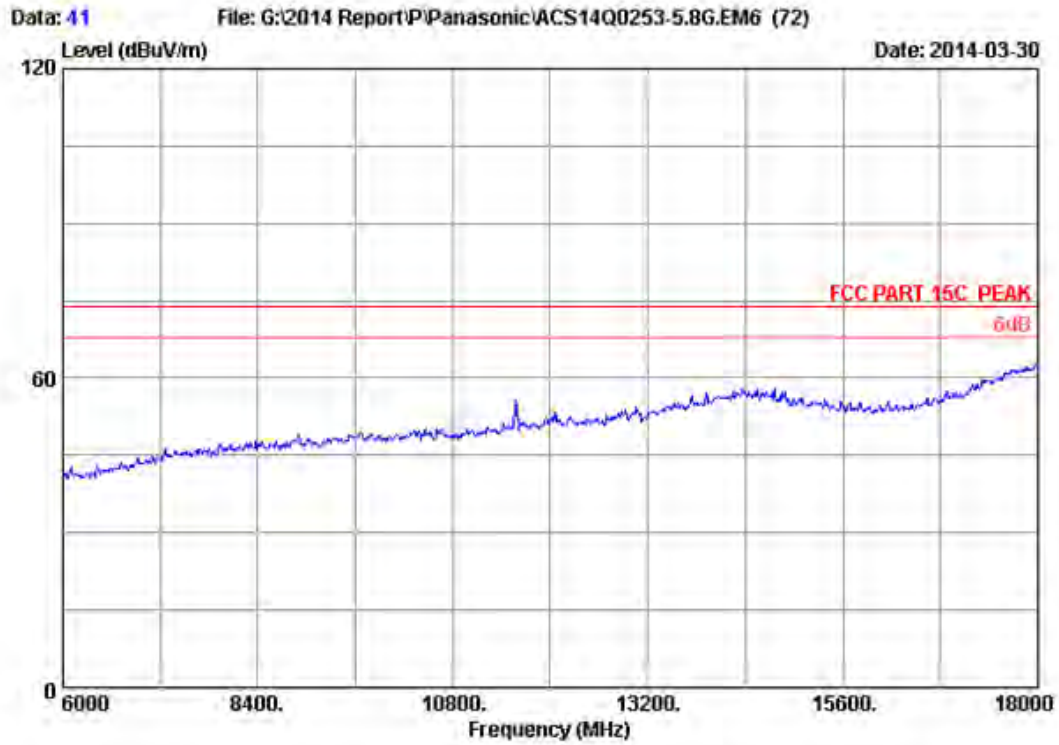
Site no. : 3m Chamber	Data no. : 39
Dis. / Ant. : 3m 2013 3115 (4580)	Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK	
Env. / Ins. : 24°C/56%	Engineer : Leo-Li
EUT : Wireless Speaker System	
Power Rating : AC 120V/60Hz	
Test Mode : IEEE802.11nHT20 5785MHz Tx	
M/N : SC-ALL3	



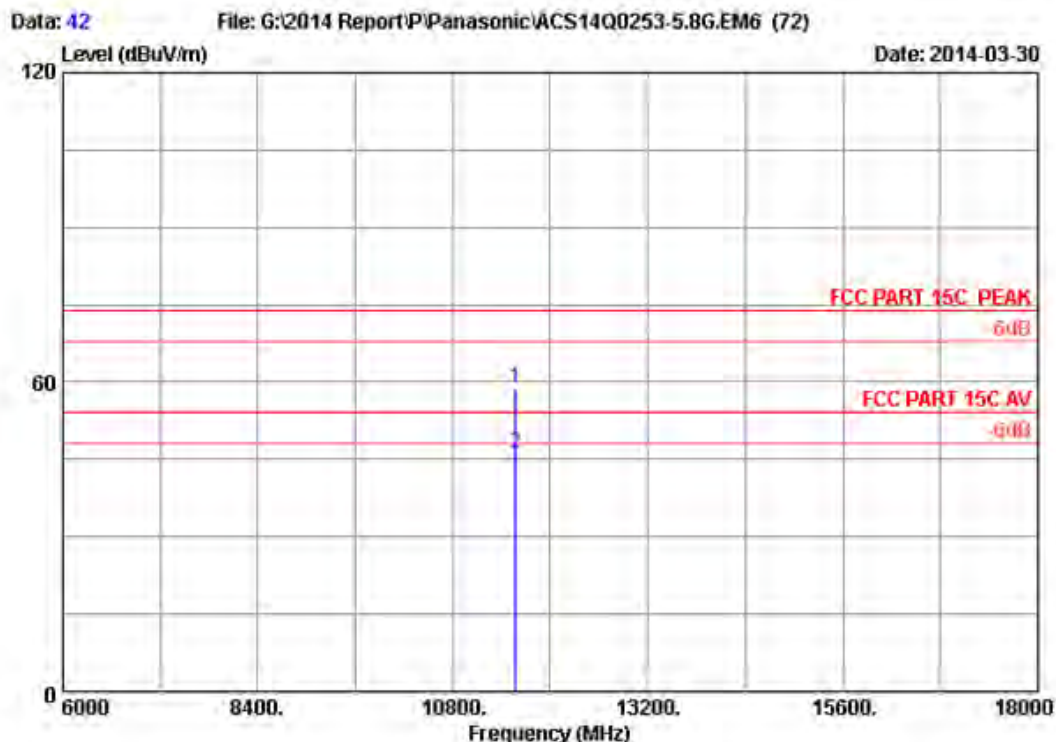
Site no. : 3m Chamber Data no. : 40
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5785MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11570.000	38.80	13.32	35.26	38.81	55.67	74.00	18.33	Peak
2	11570.000	38.80	13.32	35.26	27.55	44.41	54.00	9.59	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



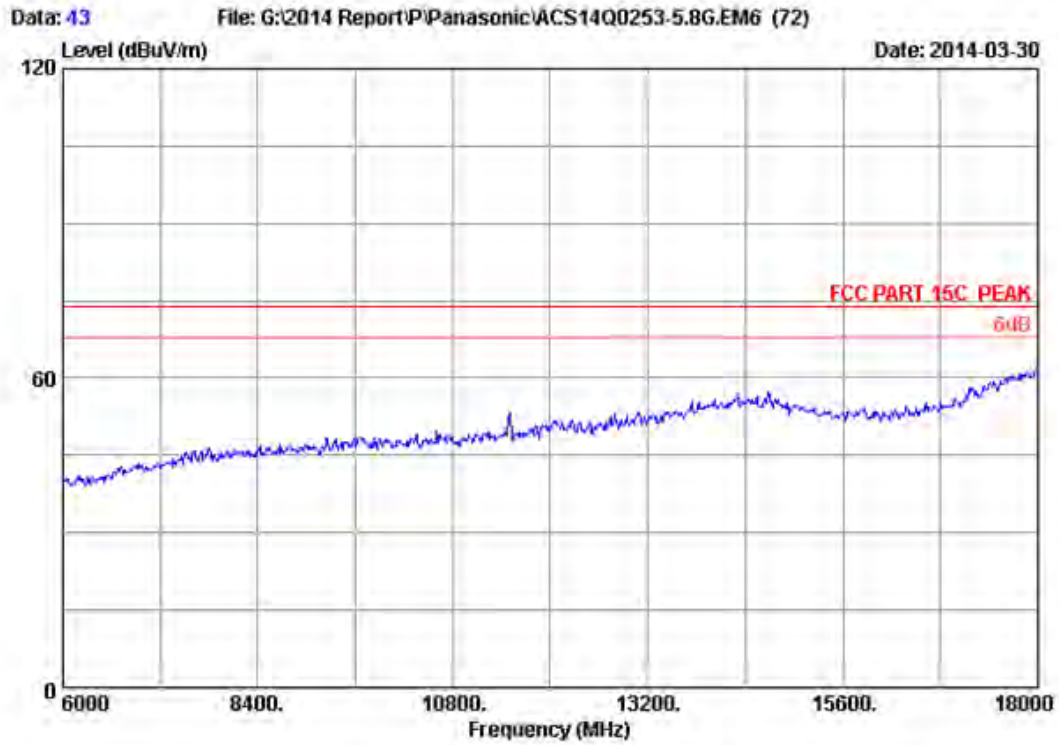
Site no.	: 3m Chamber	Data no.	: 41
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT20 5785MHz Tx		
M/N	: SC-ALL3		



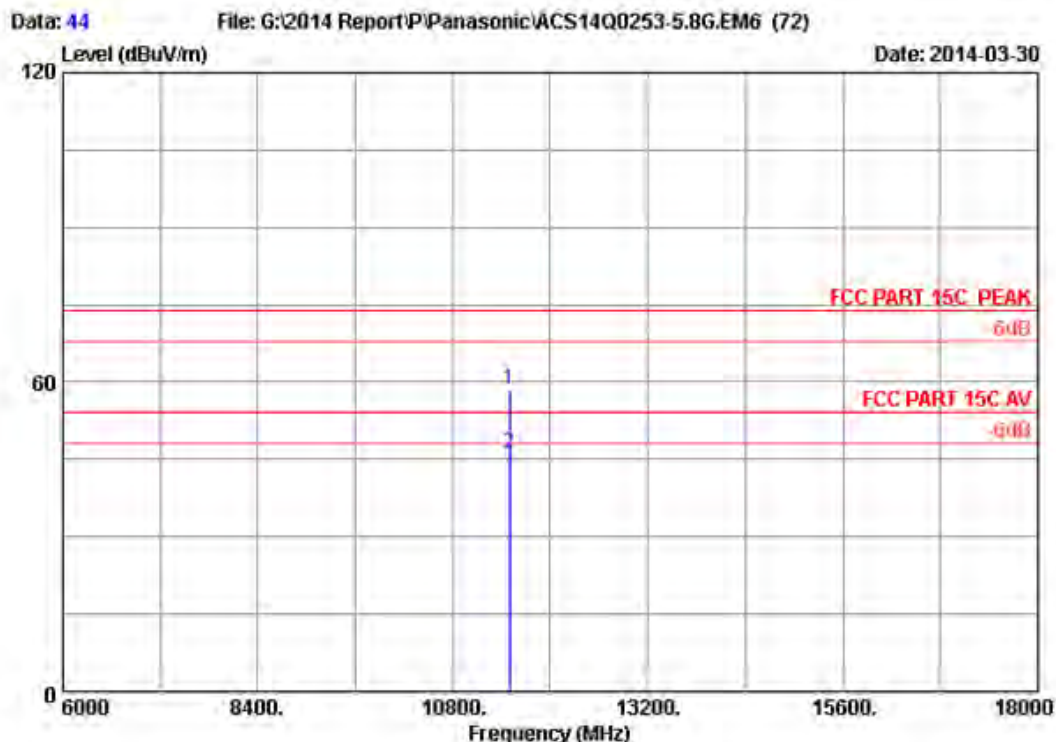
Site no. : 3m Chamber Data no. : 42
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5785MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11570.000	38.80	13.32	35.26	41.83	58.69	74.00	15.31	Peak
2	11570.000	38.80	13.32	35.26	29.25	46.11	54.00	7.89	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



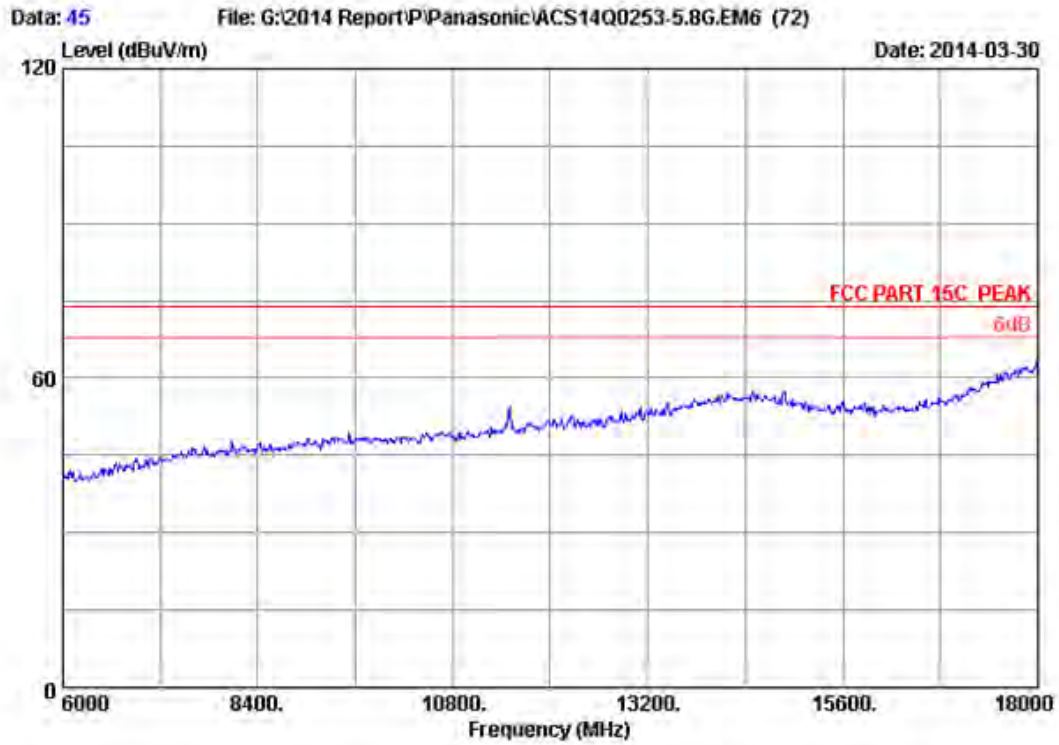
Site no.	: 3m Chamber	Data no.	: 43
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT20 5745MHz Tx		
M/N	: SC-ALL3		



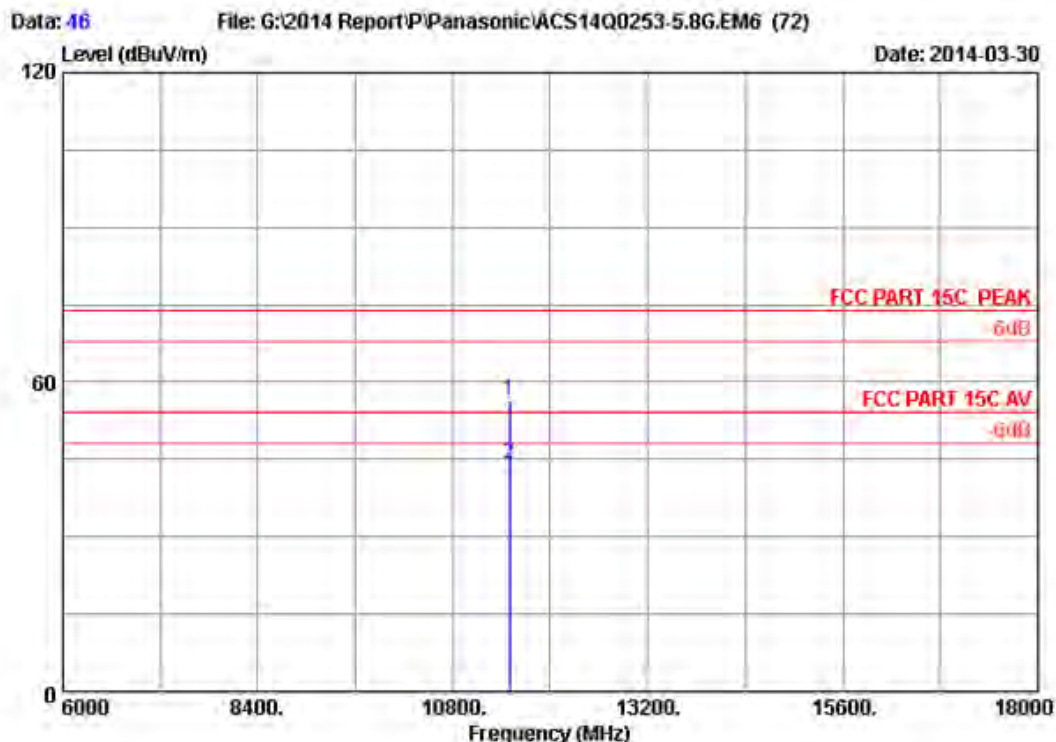
Site no. : 3m Chamber Data no. : 44
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5745MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11500.000	38.70	13.28	35.28	41.82	58.52	74.00	15.48	Peak
2	11500.000	38.70	13.28	35.28	29.59	46.29	54.00	7.71	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



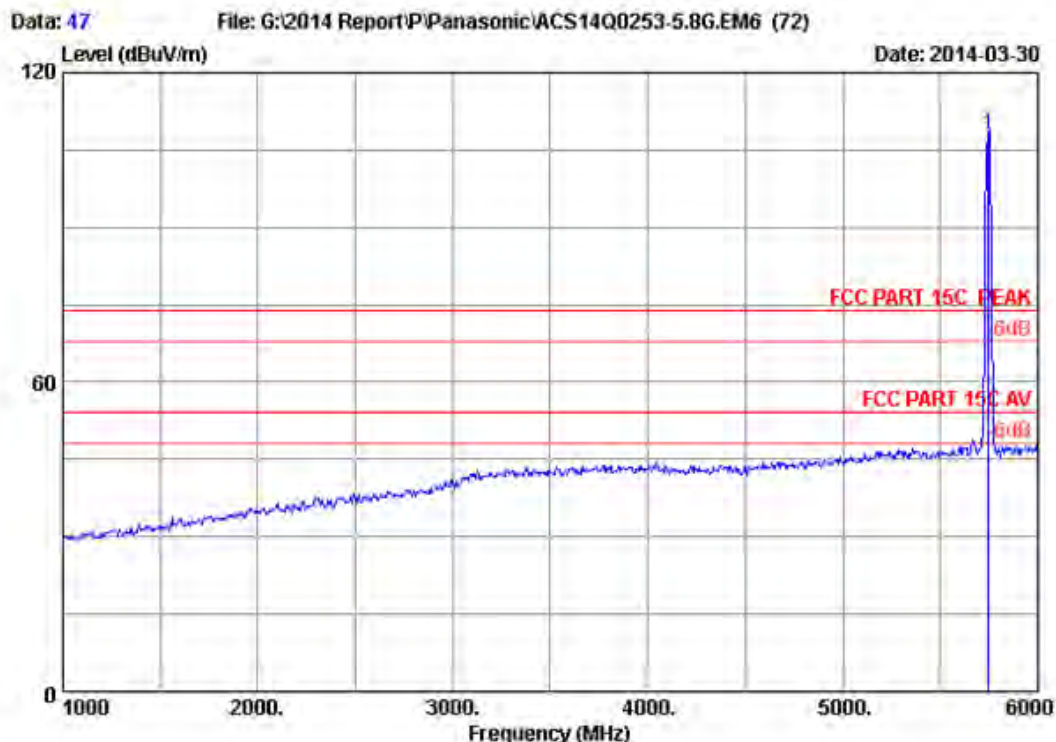
Site no.	: 3m Chamber	Data no.	: 45
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT20 5745MHz Tx		
M/N	: SC-ALL3		



Site no. : 3m Chamber Data no. : 46
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5745MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11500.000	38.70	13.28	35.28	39.85	56.55	74.00	17.45	Peak
2	11500.000	38.70	13.28	35.28	27.35	44.05	54.00	9.95	Average

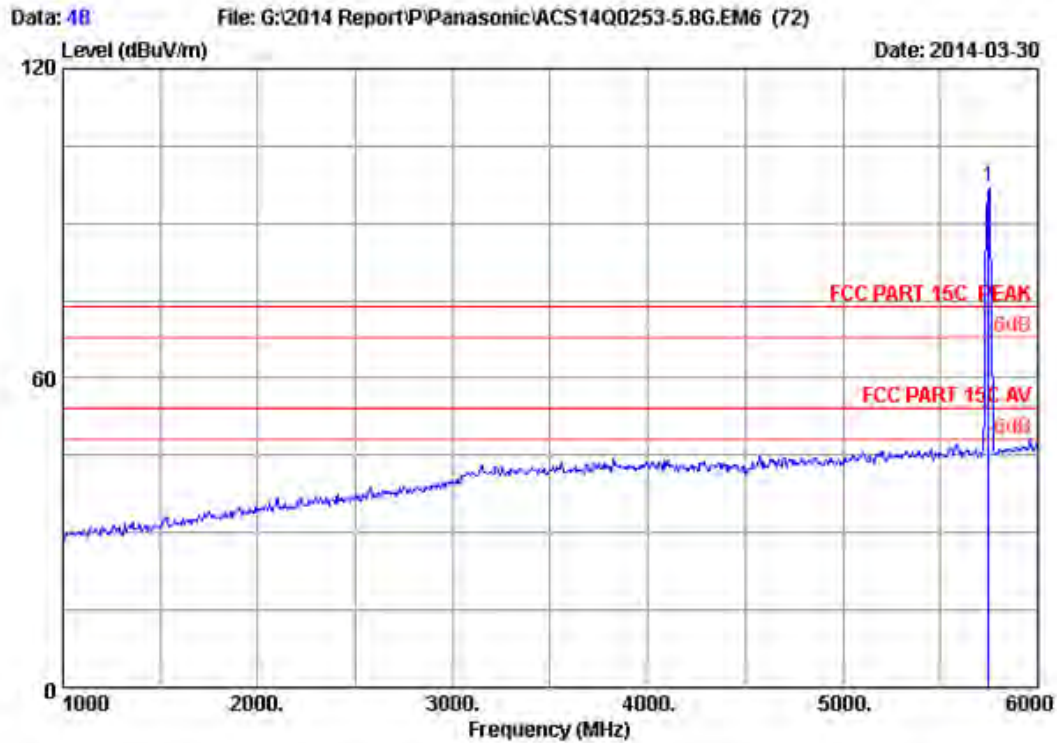
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 47
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5745MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	5745.000	34.10	9.55	35.70	99.98	107.93	74.00	-33.93	Peak

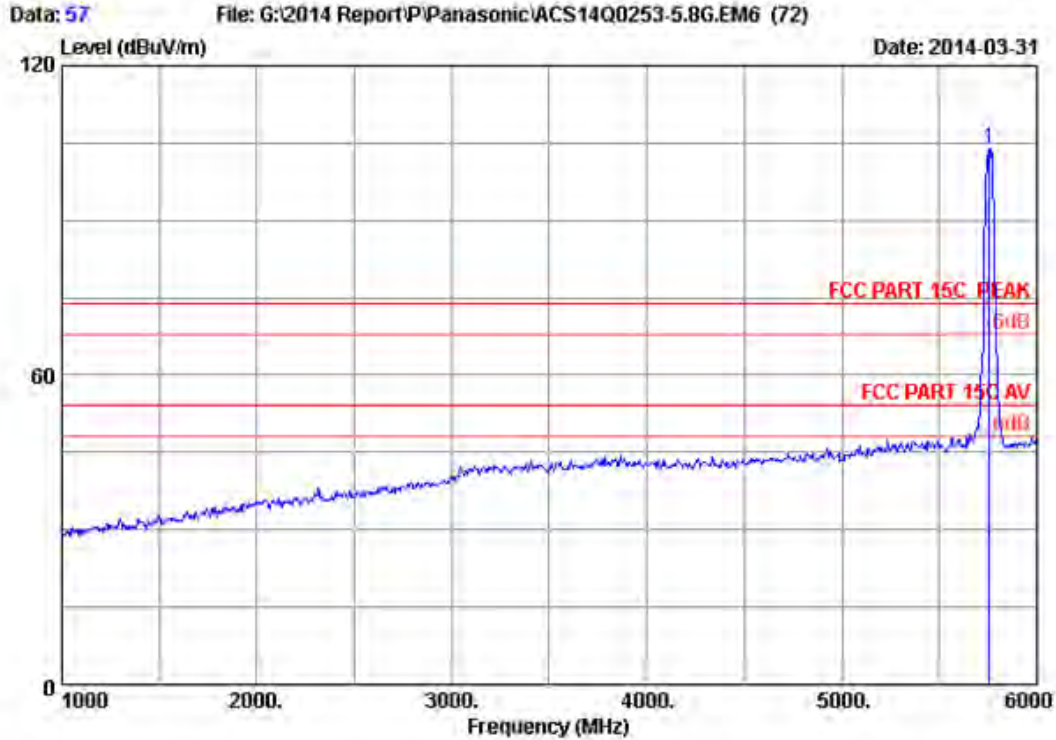
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 48
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5745MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	5745.000	34.10	9.55	35.70	89.08	97.03	74.00	-23.03	Peak

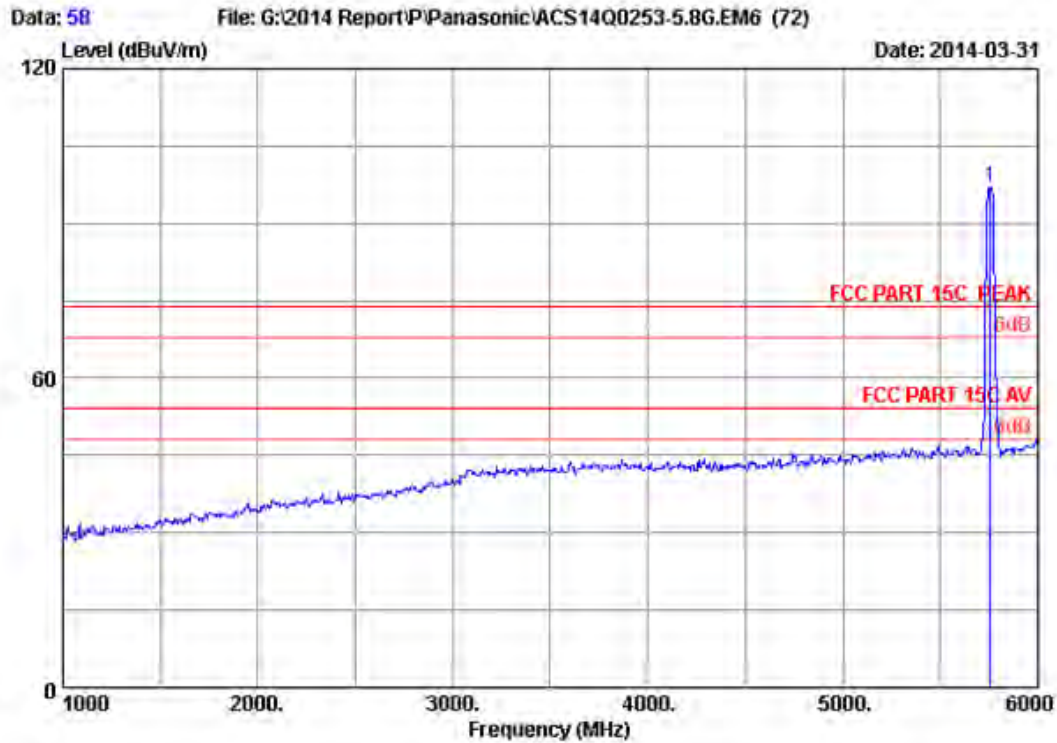
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 57
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 5755MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	5755.000	34.10	9.56	35.70	95.93	103.89	74.00	-29.89	Peak

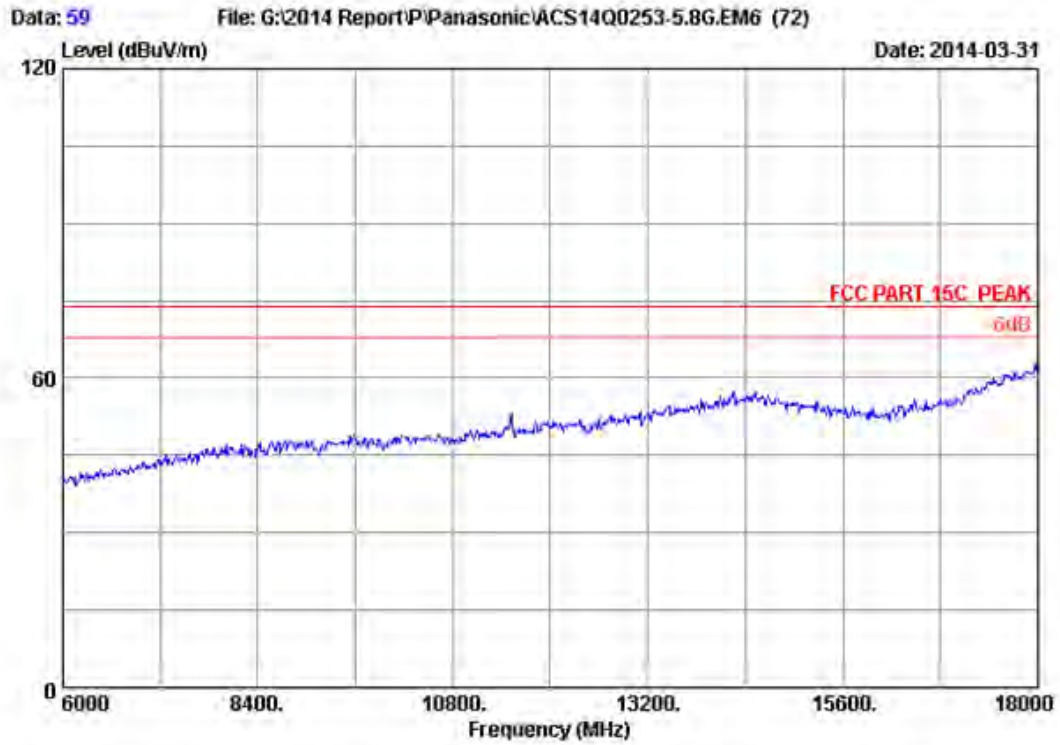
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



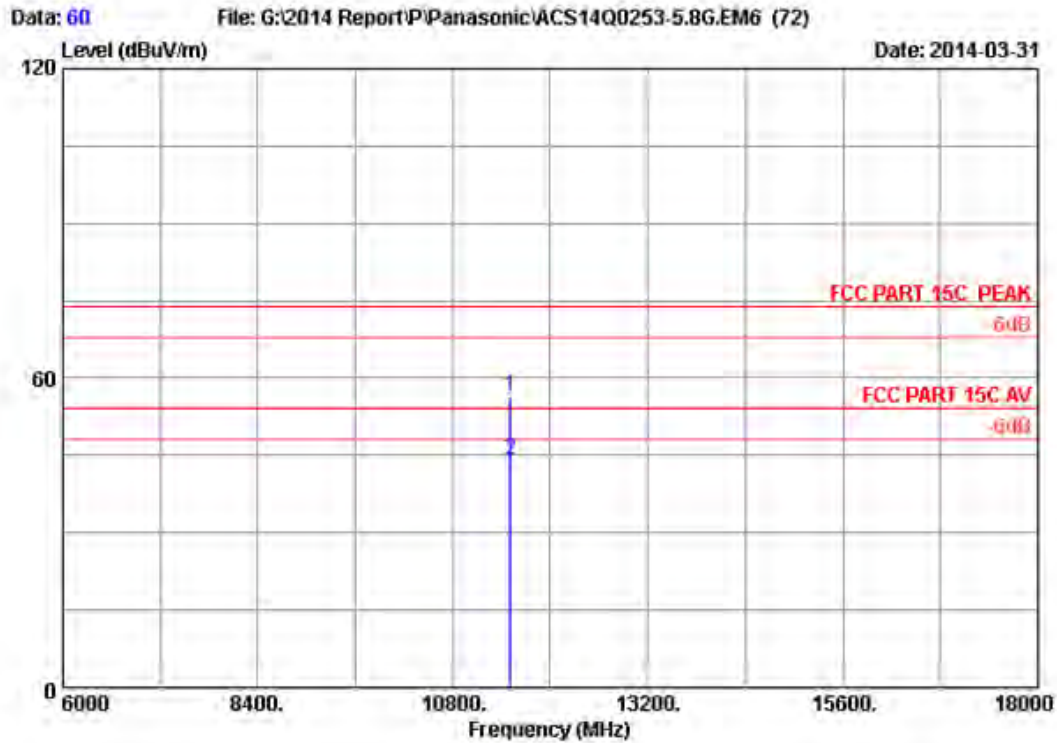
Site no. : 3m Chamber Data no. : 58
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 5755MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5755.000	34.10	9.56	35.70	88.99	96.95	74.00	-22.95	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



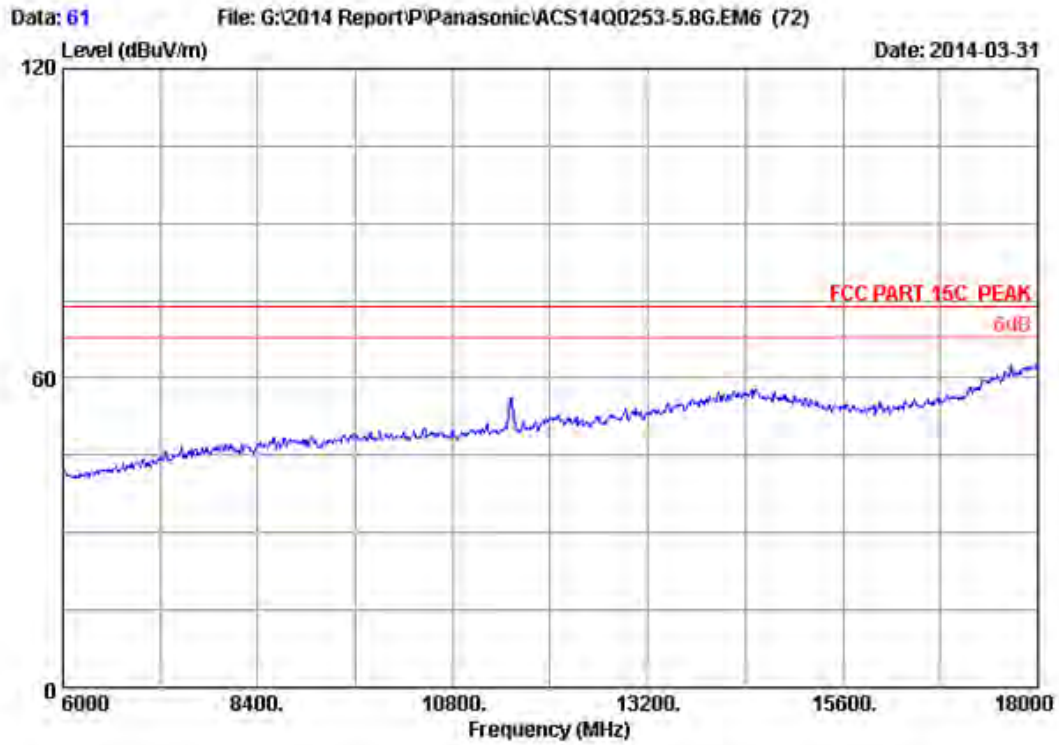
Site no.	: 3m Chamber	Data no.	: 59
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT40 5755MHz Tx		
M/N	: SC-ALL3		



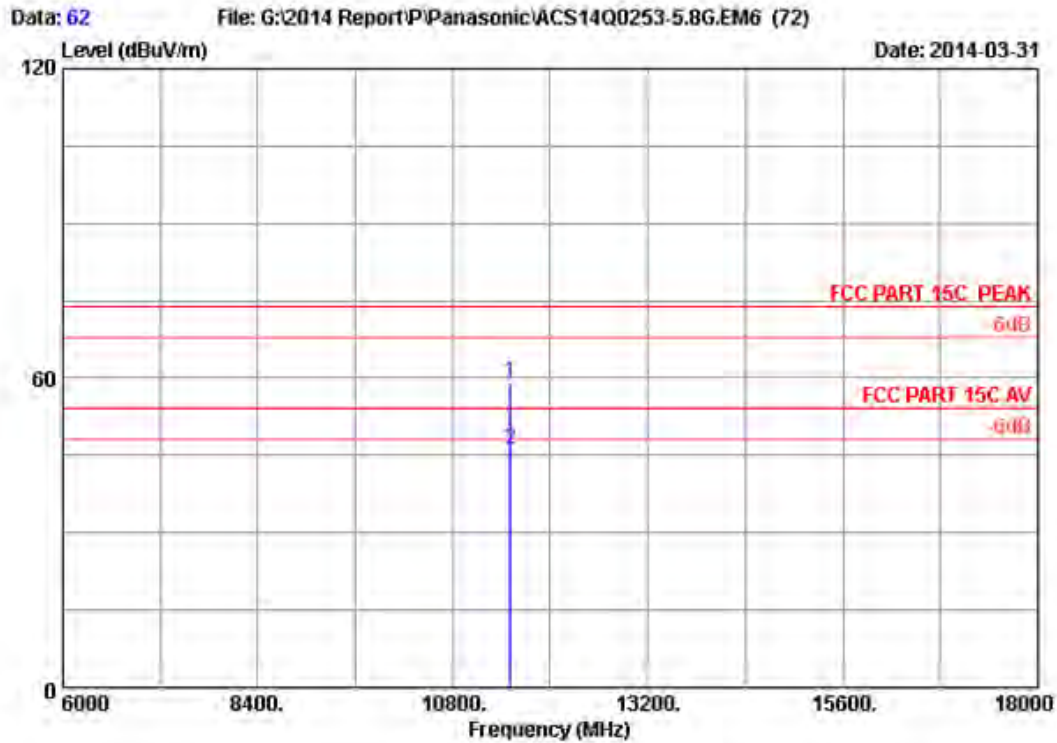
Site no. : 3m Chamber Data no. : 60
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 5755MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11510.000	38.71	13.29	35.27	39.85	56.58	74.00	17.42	Peak
2	11510.000	38.71	13.29	35.27	27.49	44.22	54.00	9.78	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



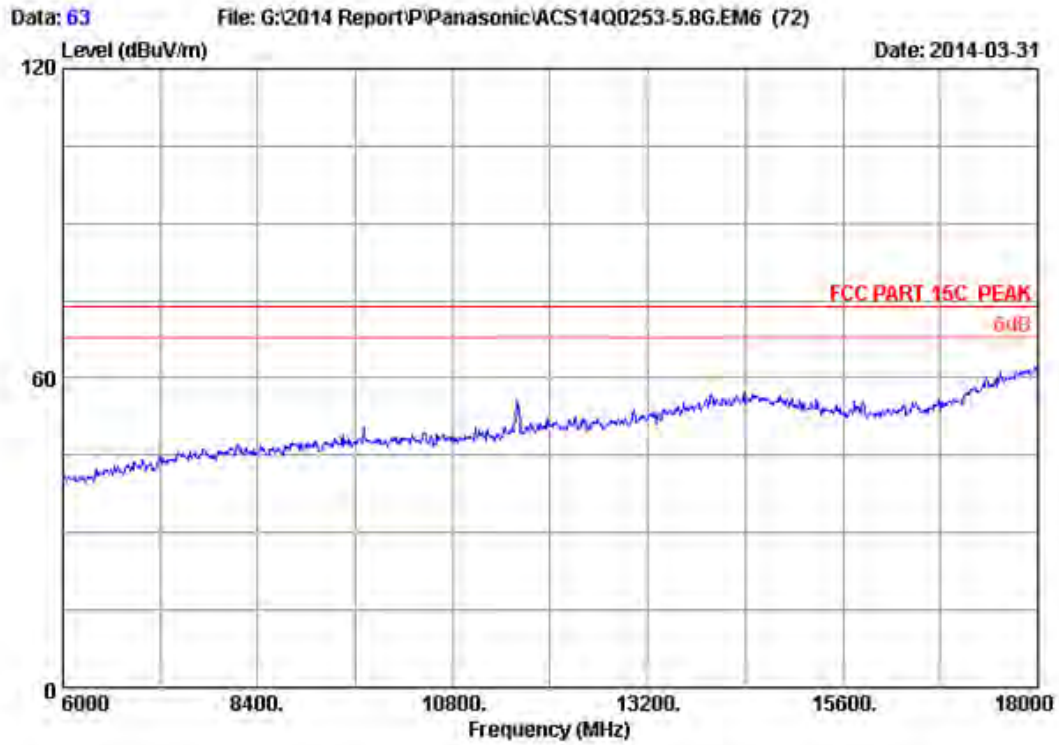
Site no.	: 3m Chamber	Data no.	: 61
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT40 5755MHz Tx		
M/N	: SC-ALL3		



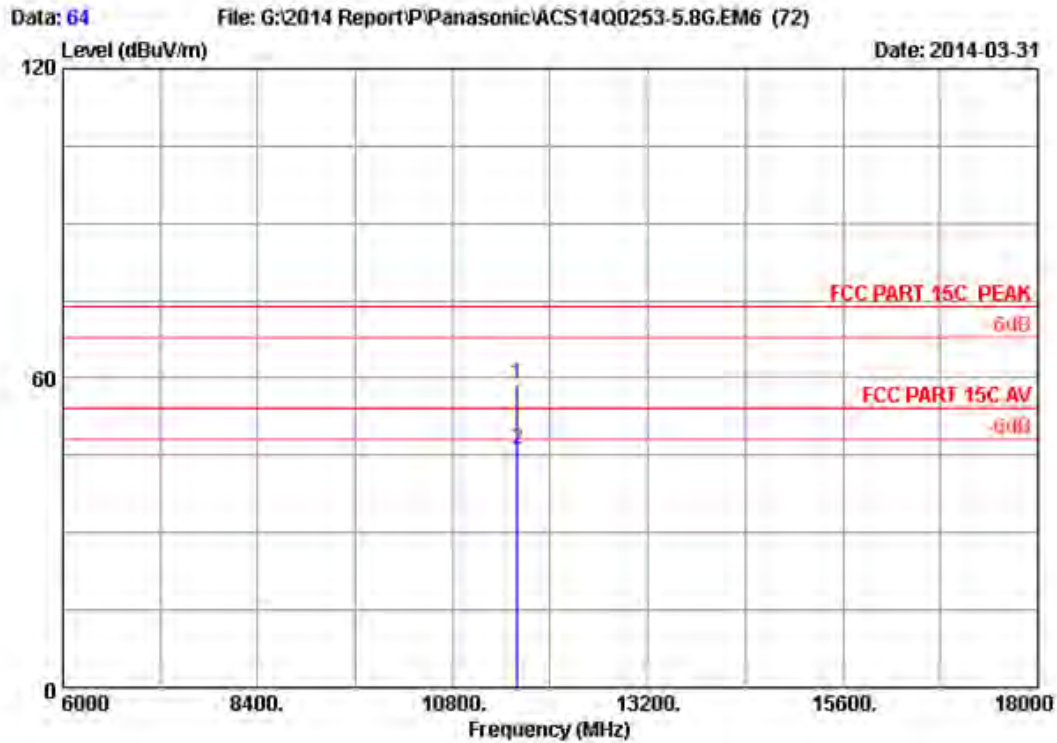
Site no. : 3m Chamber Data no. : 62
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 5755MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11510.000	38.71	13.29	35.27	42.56	59.29	74.00	14.71	Peak
2	11510.000	38.71	13.29	35.27	29.37	46.10	54.00	7.90	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



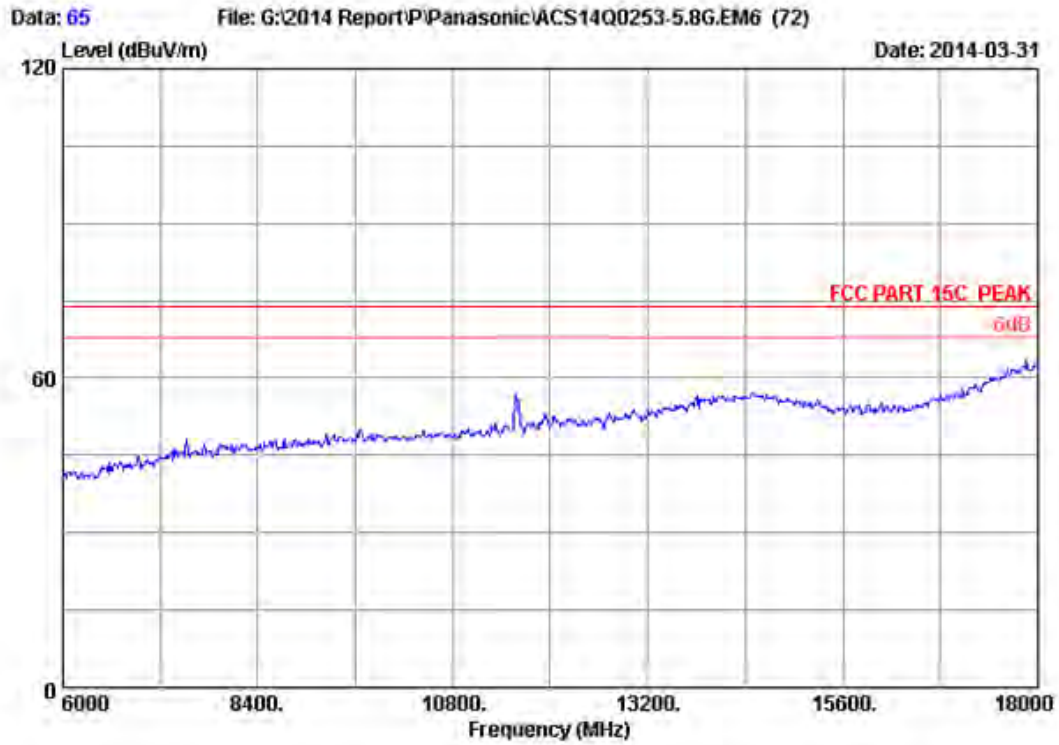
Site no.	: 3m Chamber	Data no.	: 63
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT40 5795MHz Tx		
M/N	: SC-ALL3		



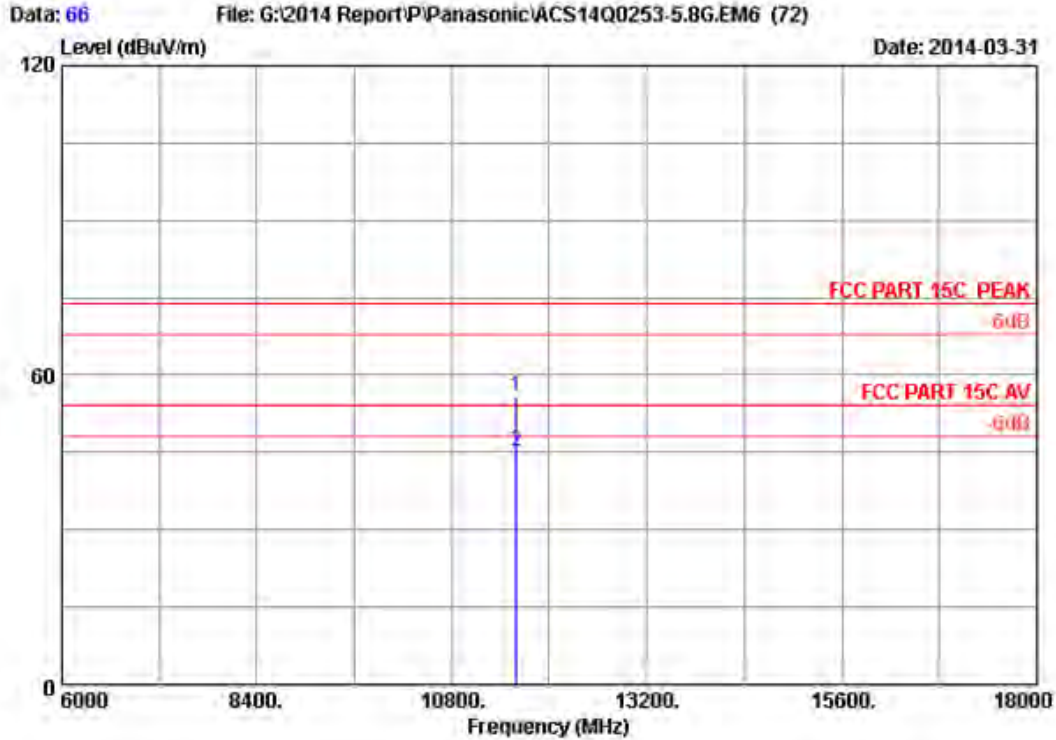
Site no. : 3m Chamber Data no. : 64
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 5795MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11590.000	38.83	13.34	35.26	42.04	58.95	74.00	15.05	Peak
2	11590.000	38.83	13.34	35.26	29.36	46.27	54.00	7.73	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



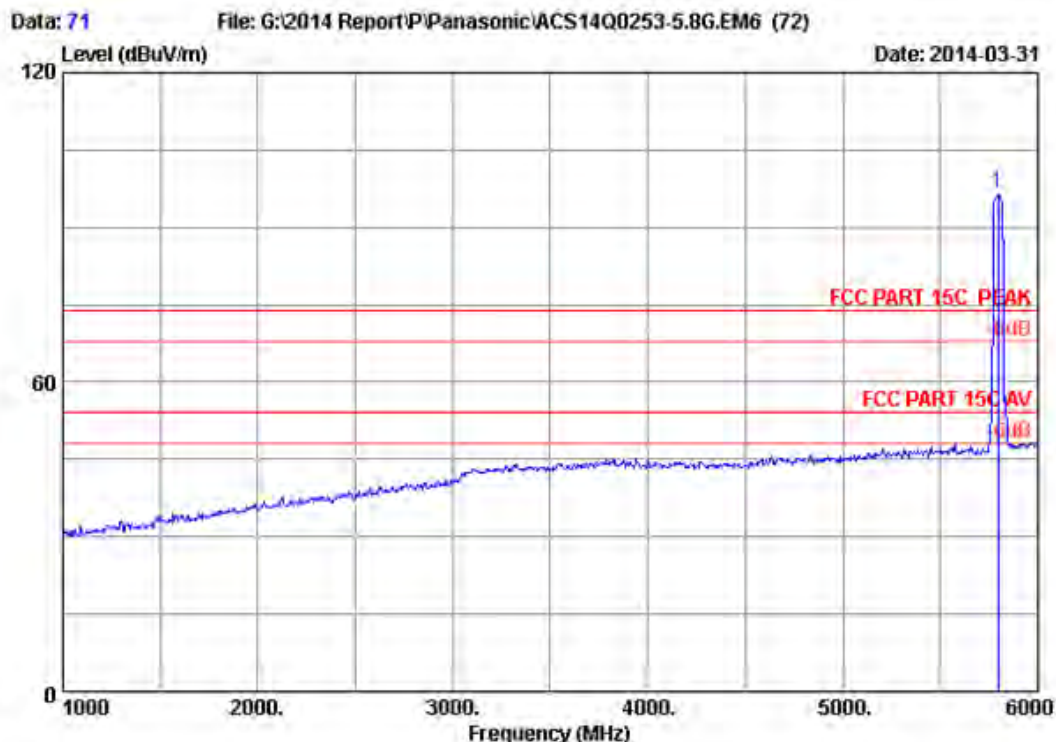
Site no.	: 3m Chamber	Data no.	: 65
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT40 5795MHz Tx		
M/N	: SC-ALL3		



Site no. : 3m Chamber Data no. : 66
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 5795MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11590.000	38.83	13.34	35.26	38.83	55.74	74.00	18.26	Peak
2	11590.000	38.83	13.34	35.26	28.10	45.01	54.00	8.99	Average

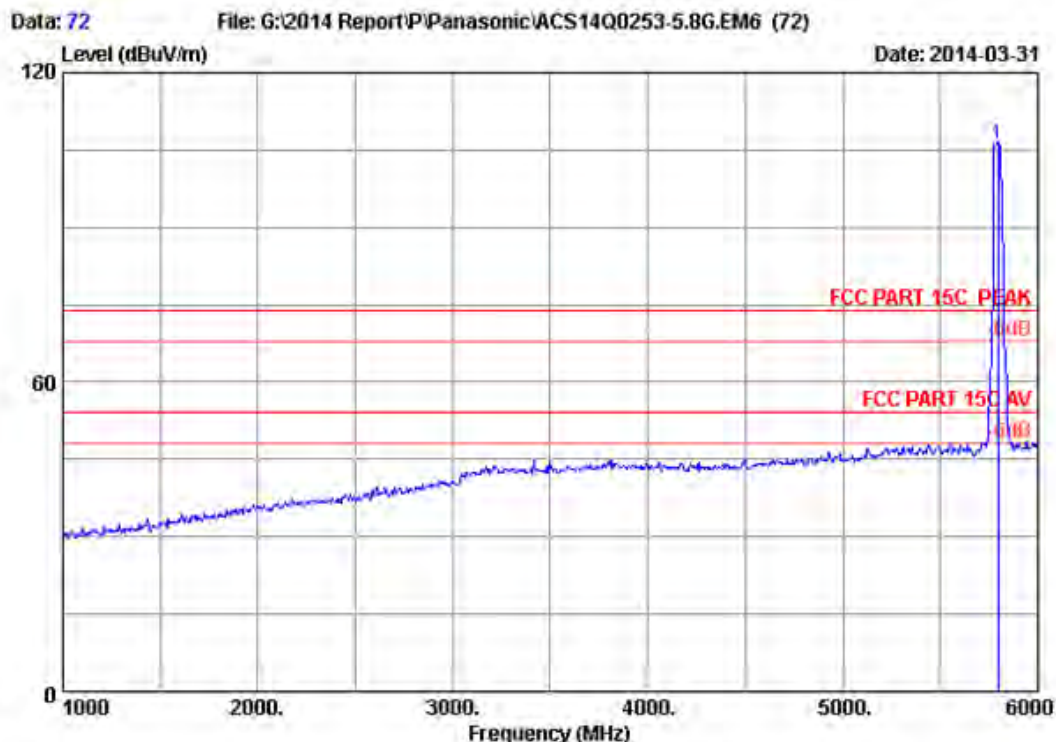
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 71
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 5795MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	5795.000	34.12	9.60	35.70	88.69	96.71	74.00	-22.71	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 72
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 5795MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	5795.000	34.12	9.60	35.70	98.09	106.11	74.00	-32.11	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.

5. CONDUCTED SPURIOUS EMISSIONS

5.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	Agilent	N9030A	MY51380221	Oct.31, 13	1 Year
2.	Attenuator	Agilent	8491B	MY39262165	May.08,13	1 Year
3.	RF Cable	Hubersuhner	SUCOFLEX102	28618/2	May.08,13	1 Year

5.2. Limit

In any 100kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power.

5.3. Test Procedure

The transmitter output was connected to a spectrum analyzer, The resolution bandwidth is set to 100 kHz, The video bandwidth is set to 300 kHz and measure all the emissions detected.

5.4. Test result

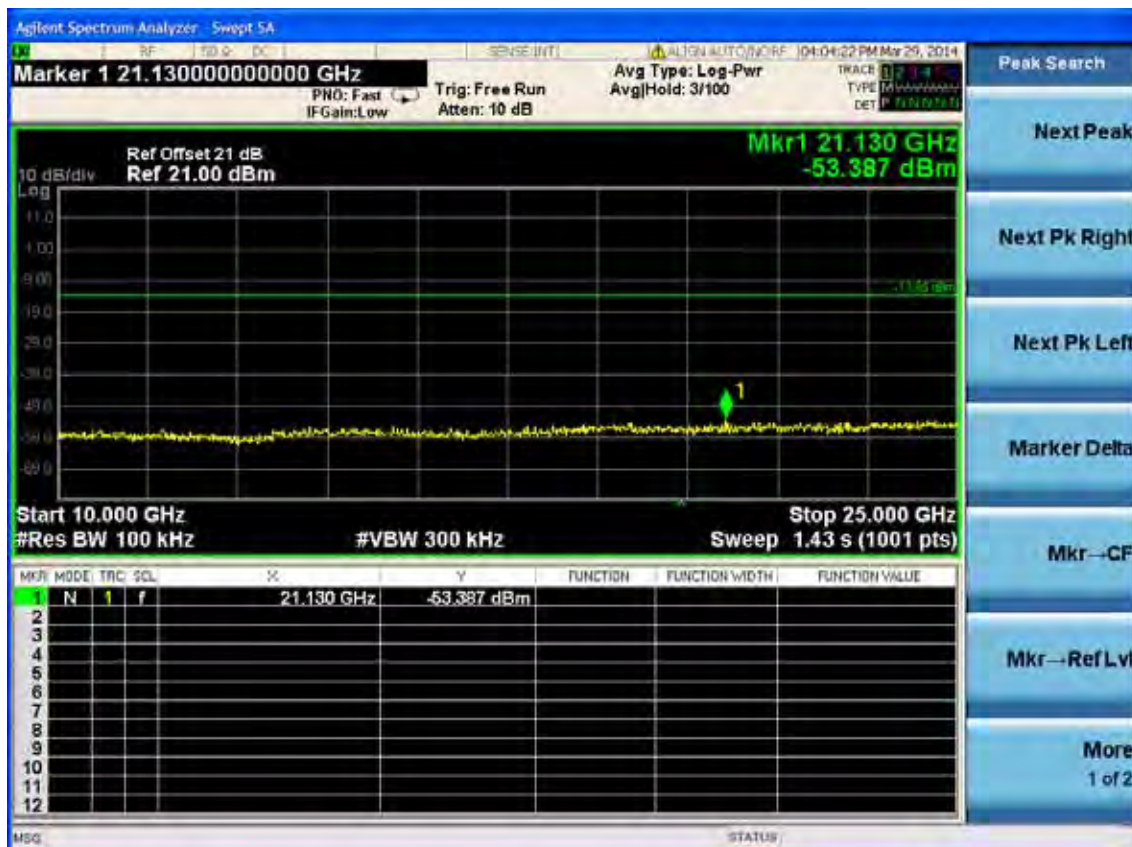
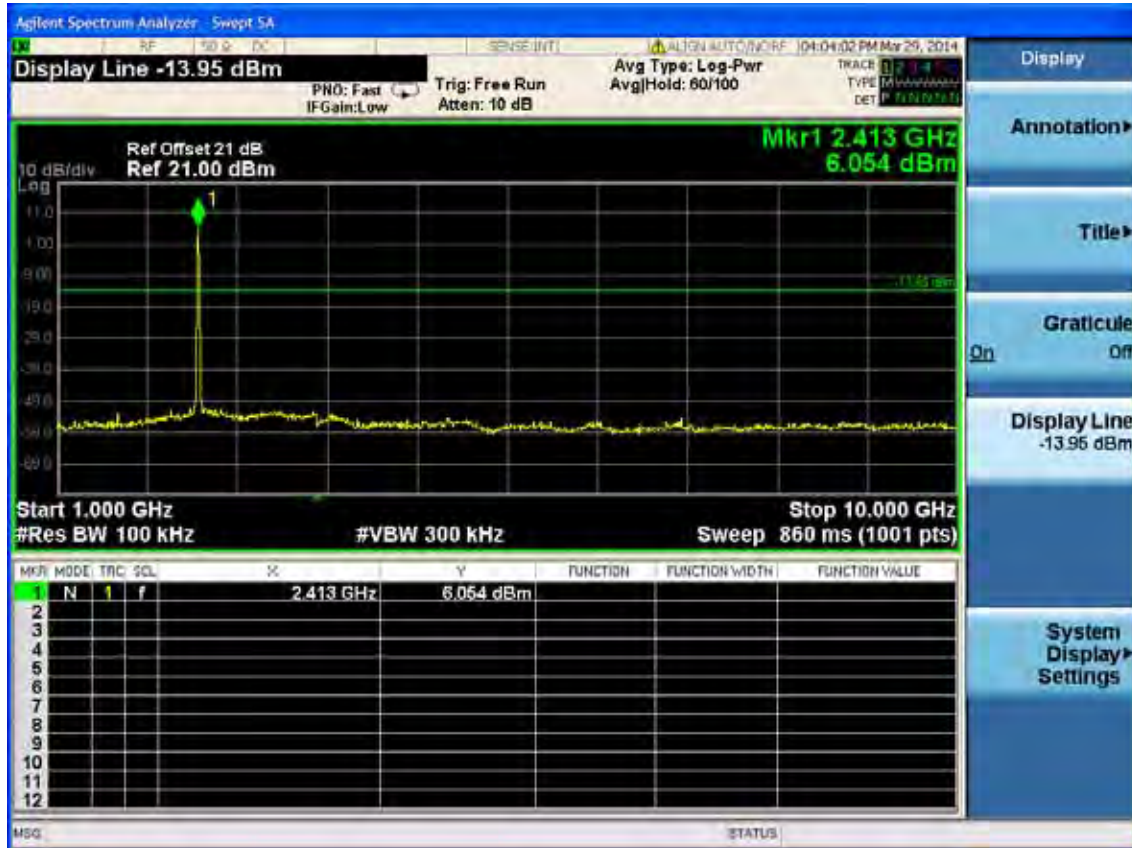
PASS (The testing data was attached in the next pages.)

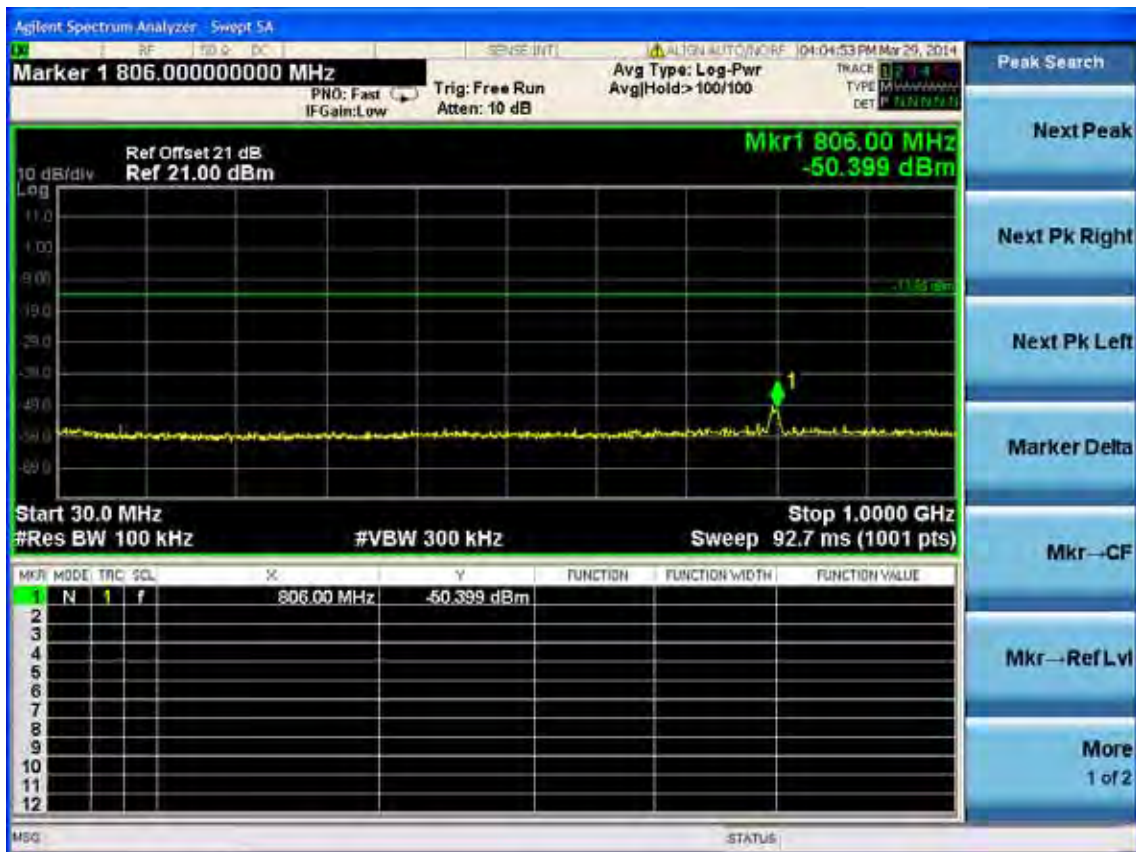
2.4G:

Chain 0:

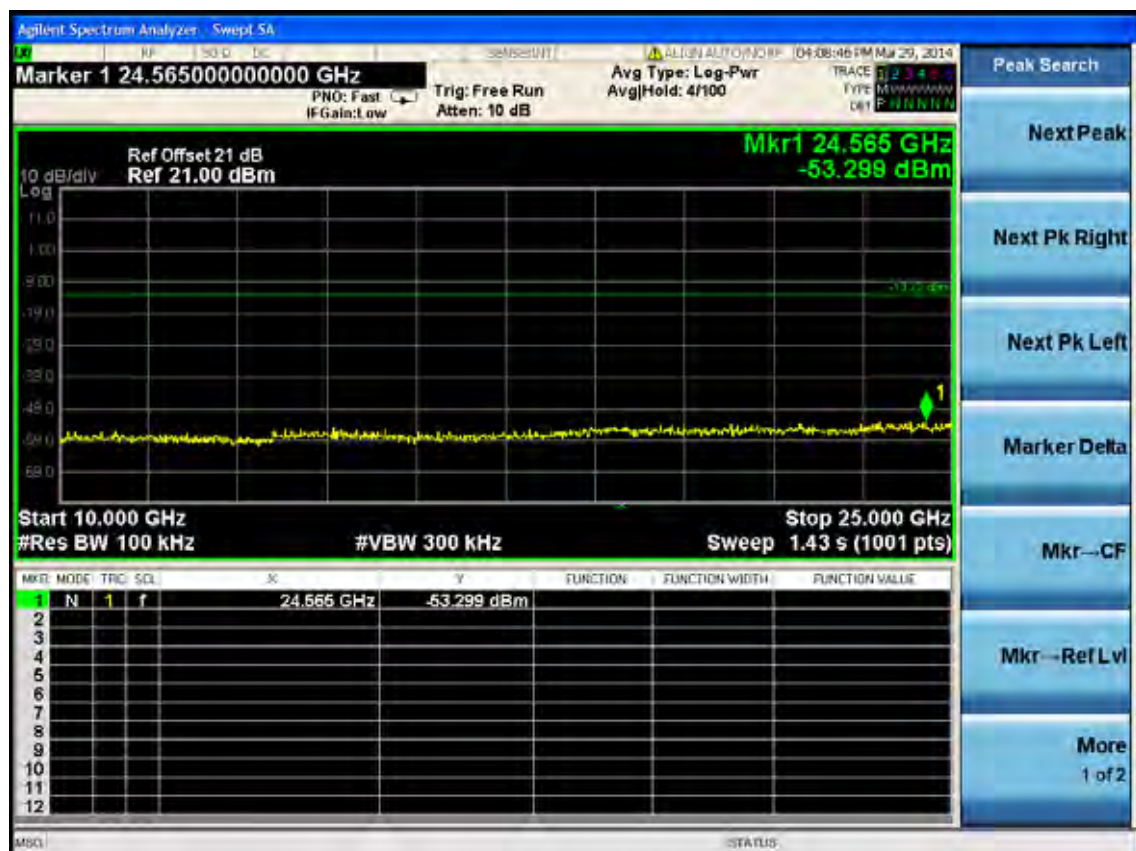
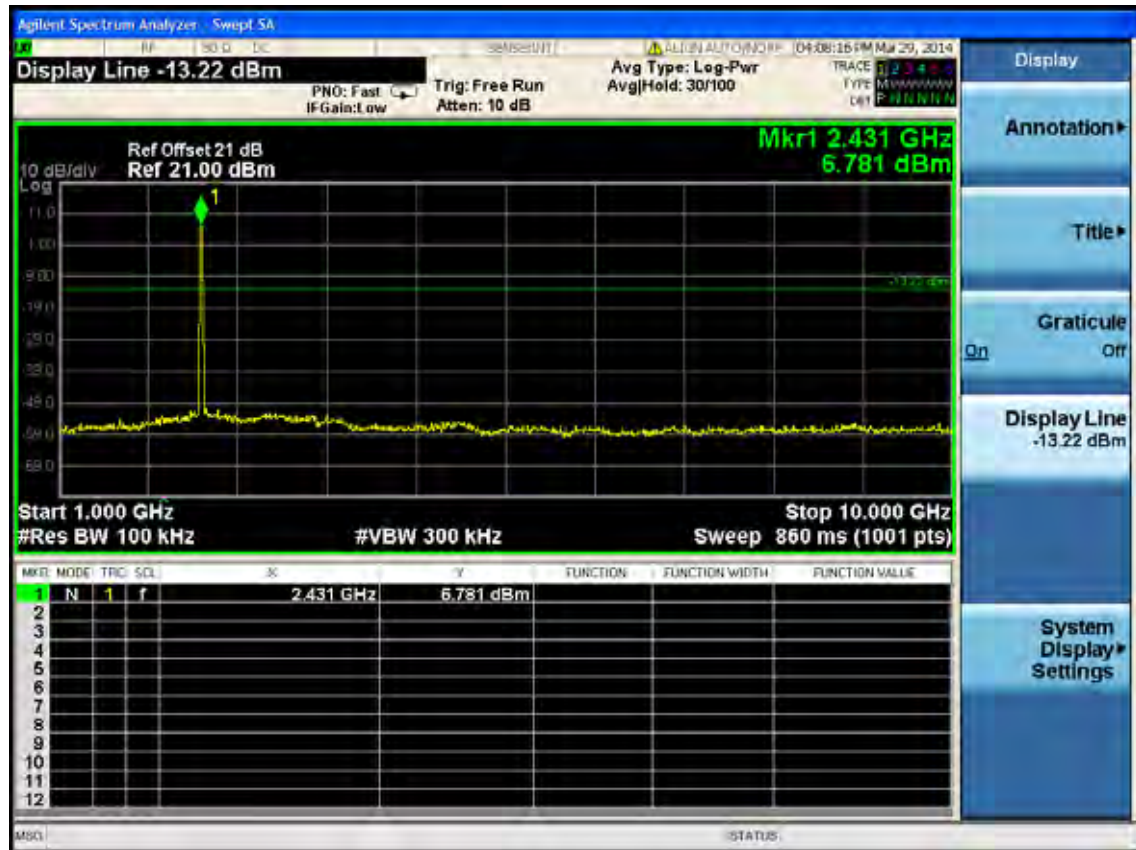
Test Mode: IEEE 802.11b TX

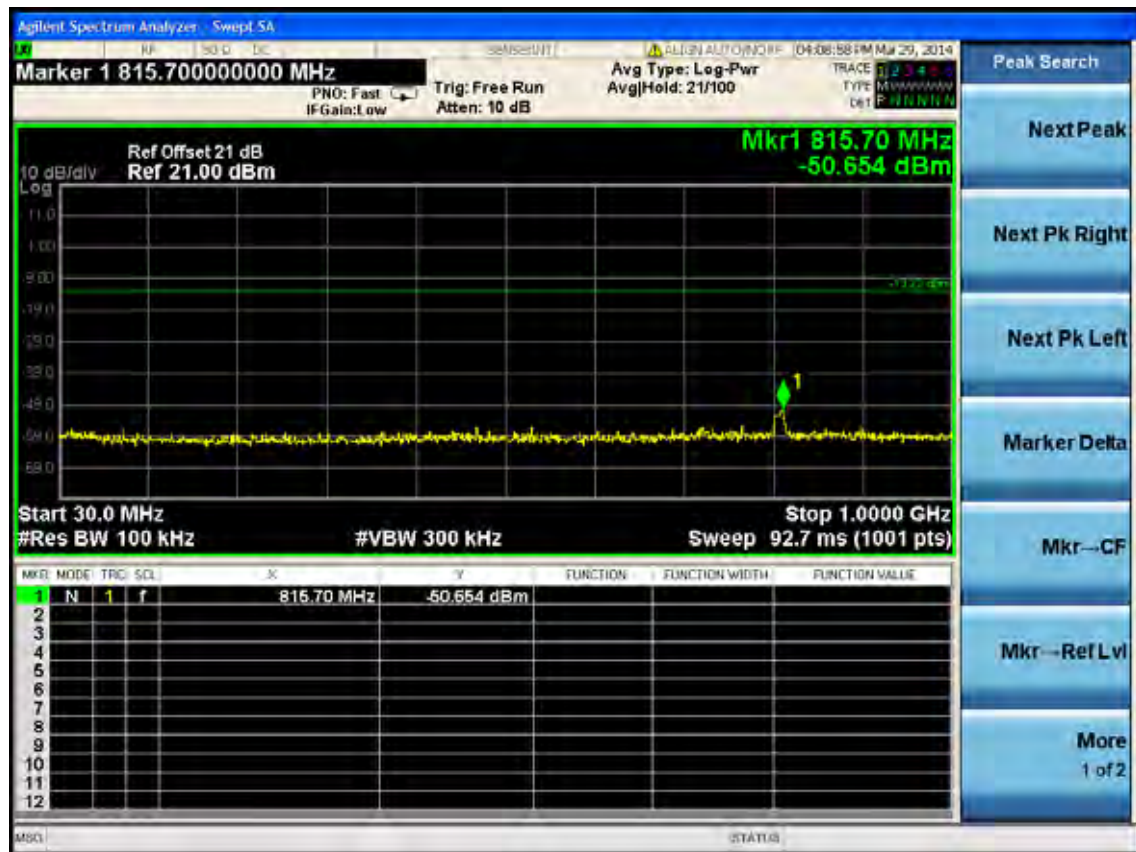
Test CH1: 2412MHz



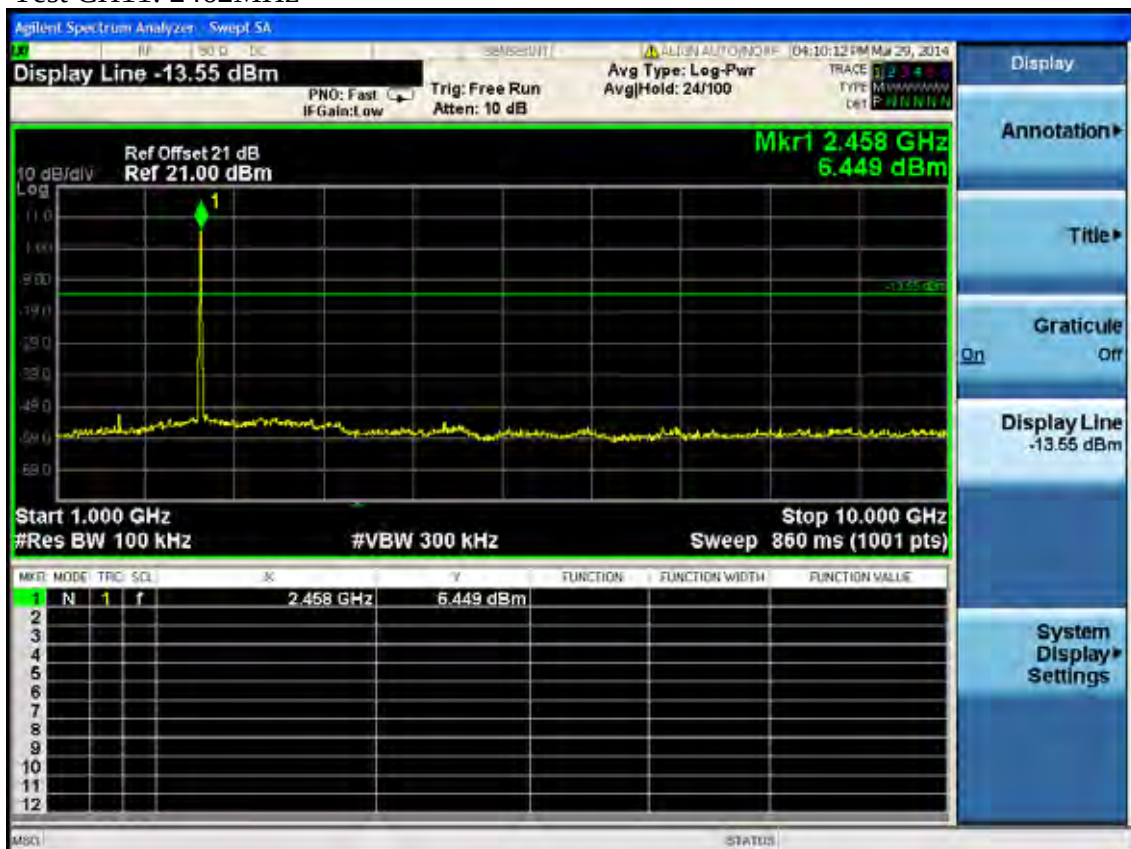


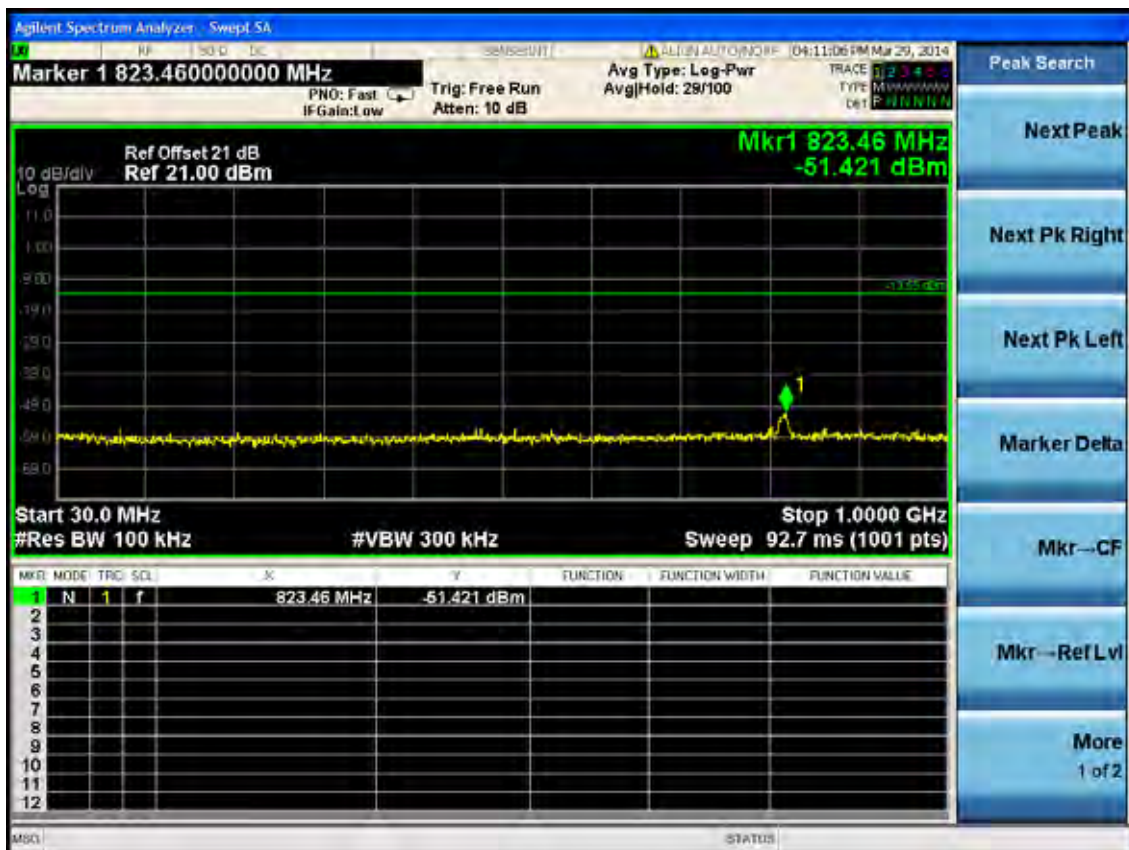
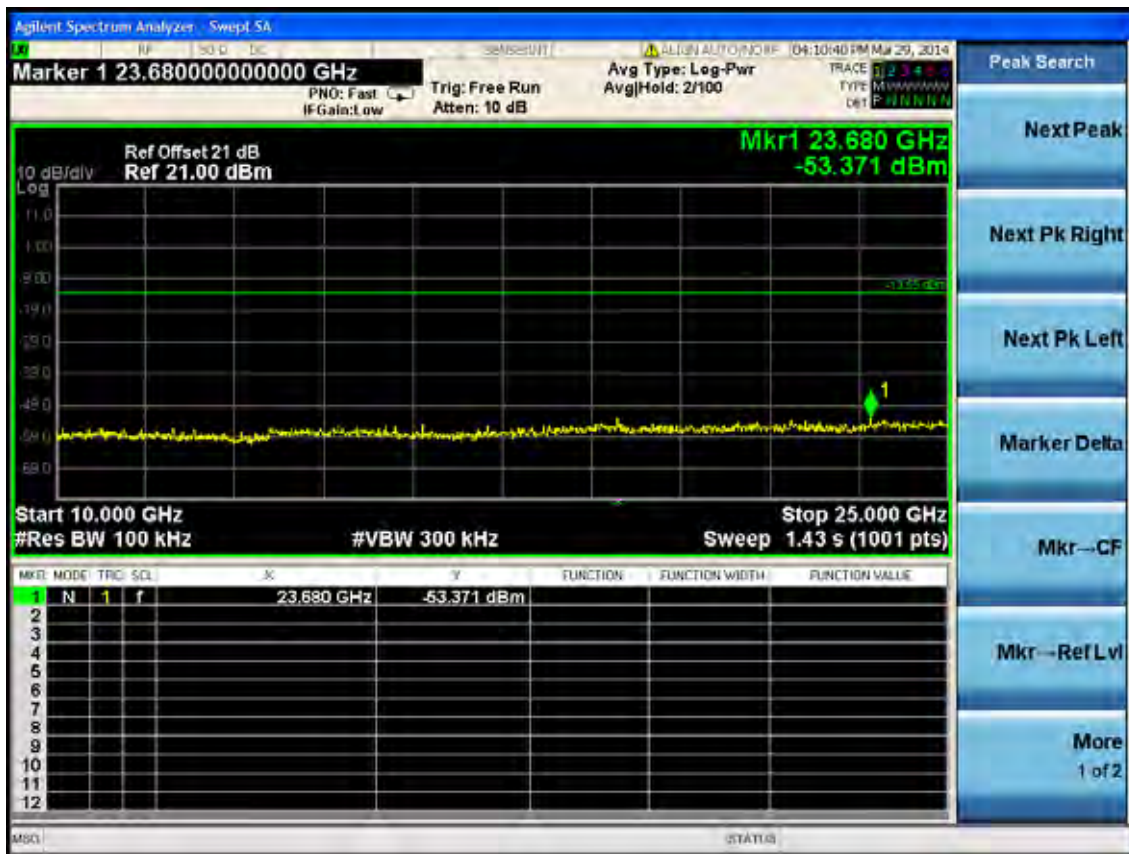
Test CH6: 2437MHz





Test CH11: 2462MHz

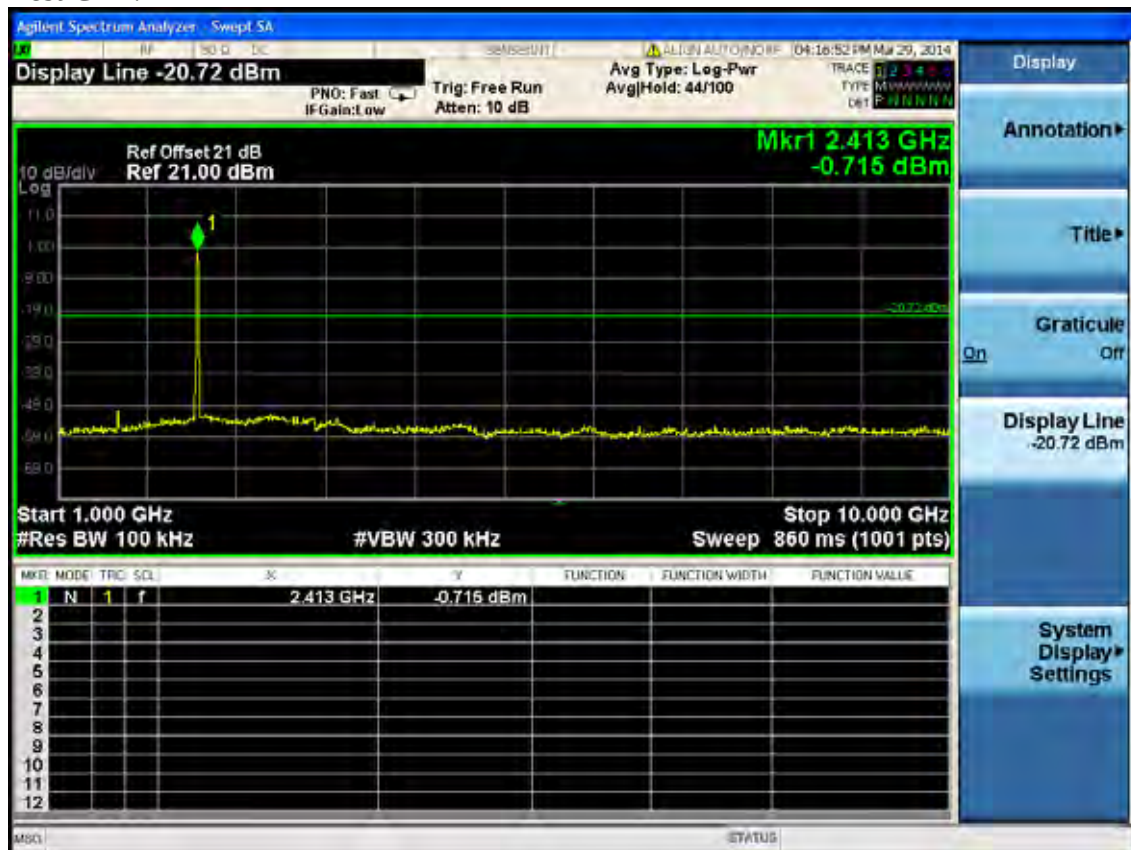


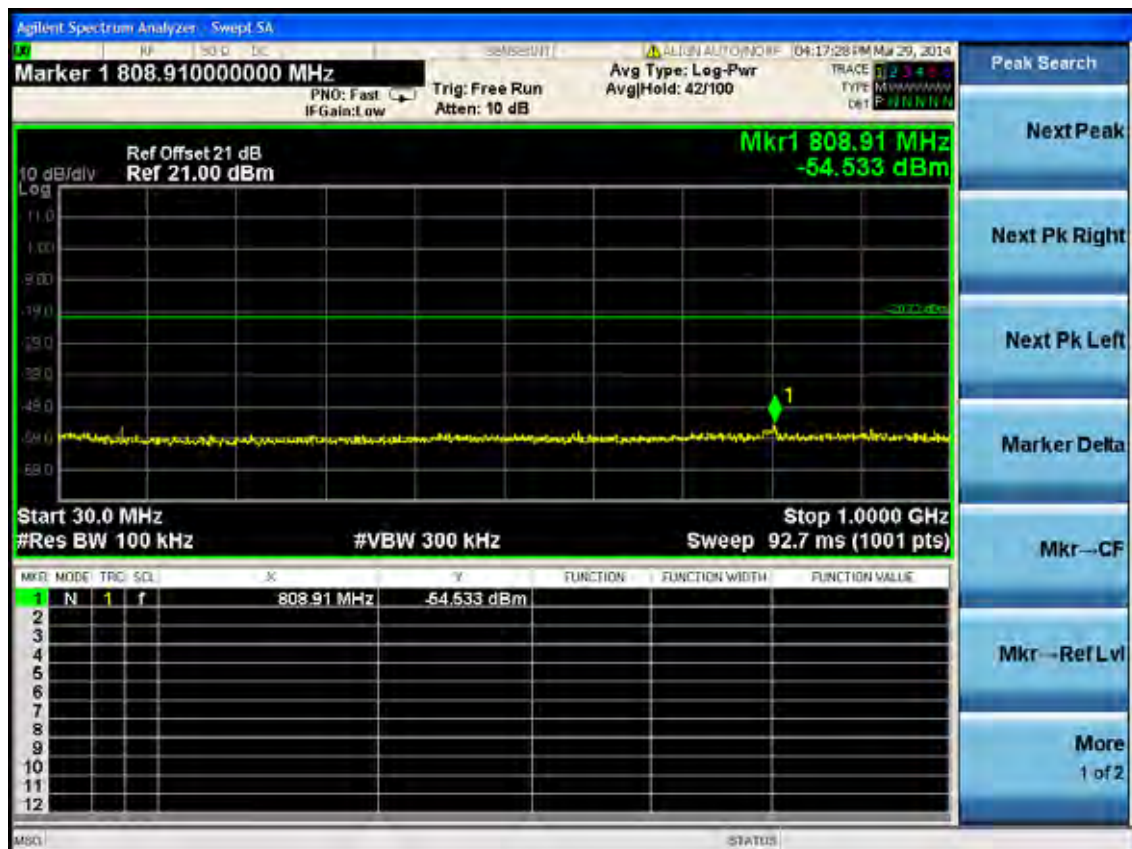




Test Mode: IEEE 802.11g TX

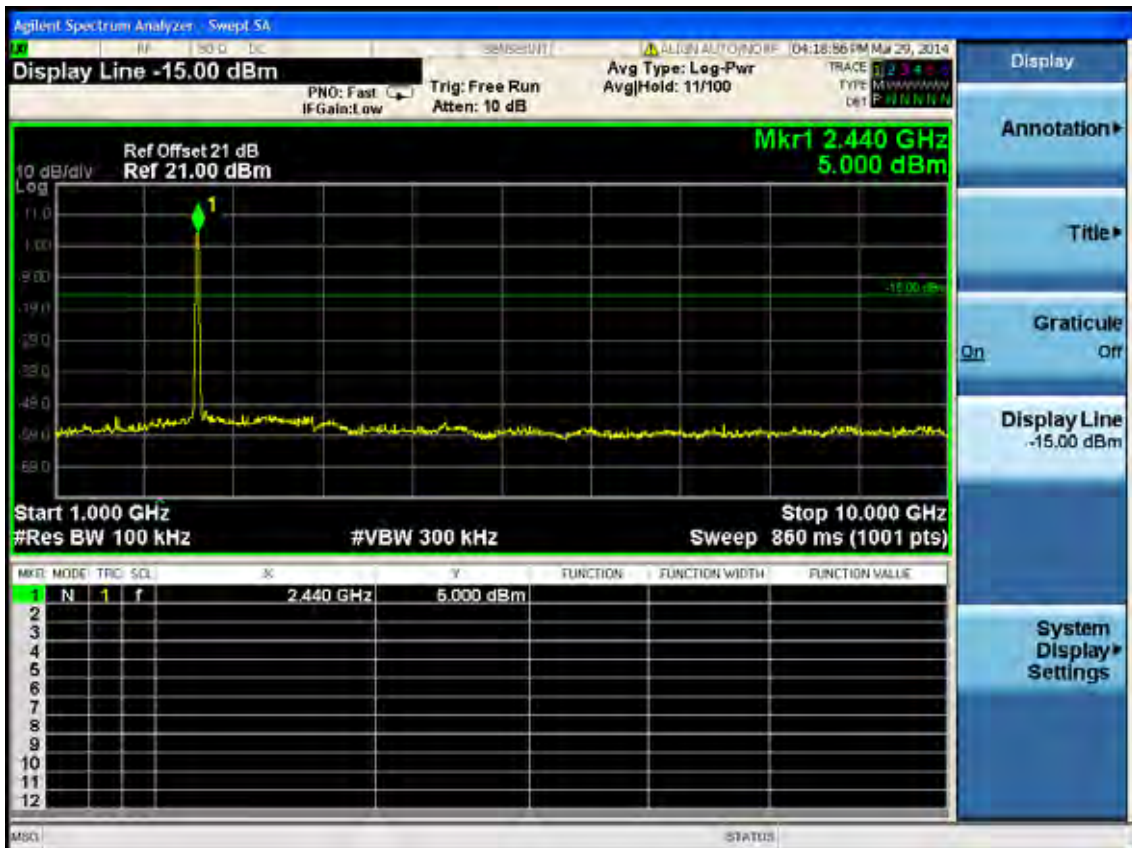
Test CH1: 2412MHz

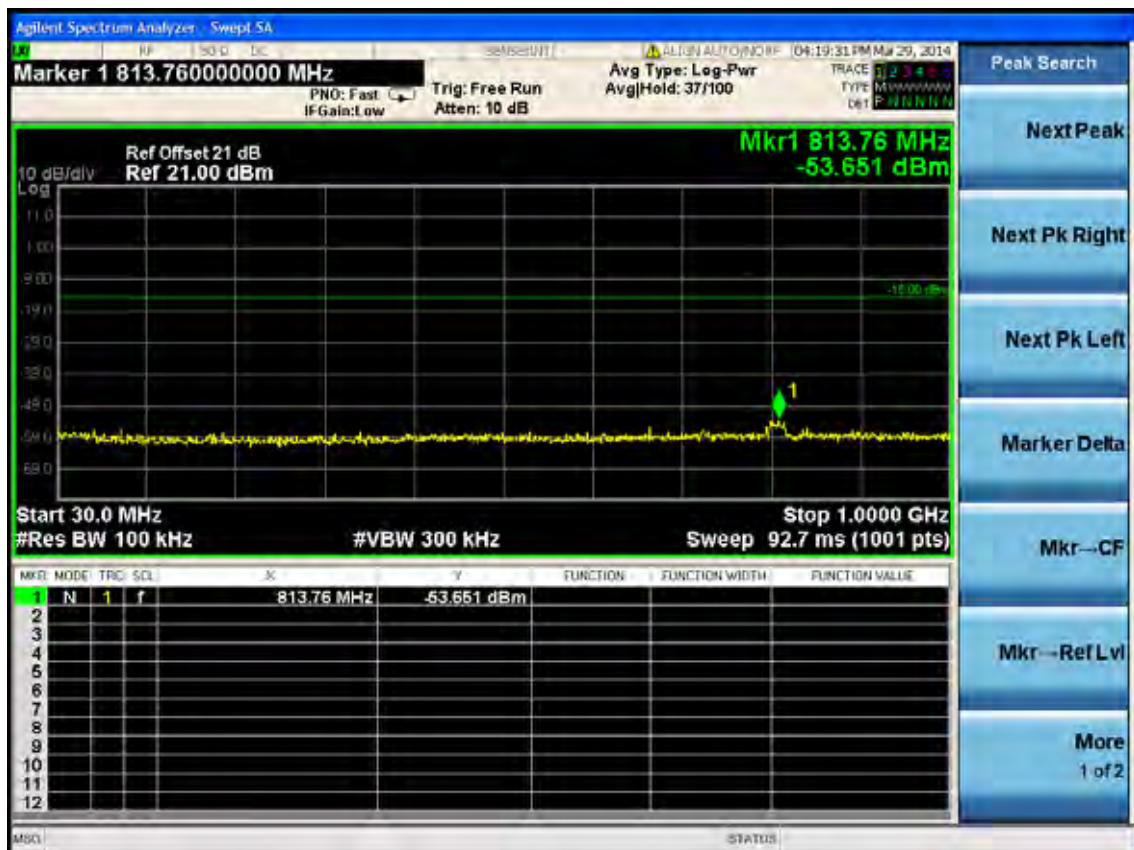
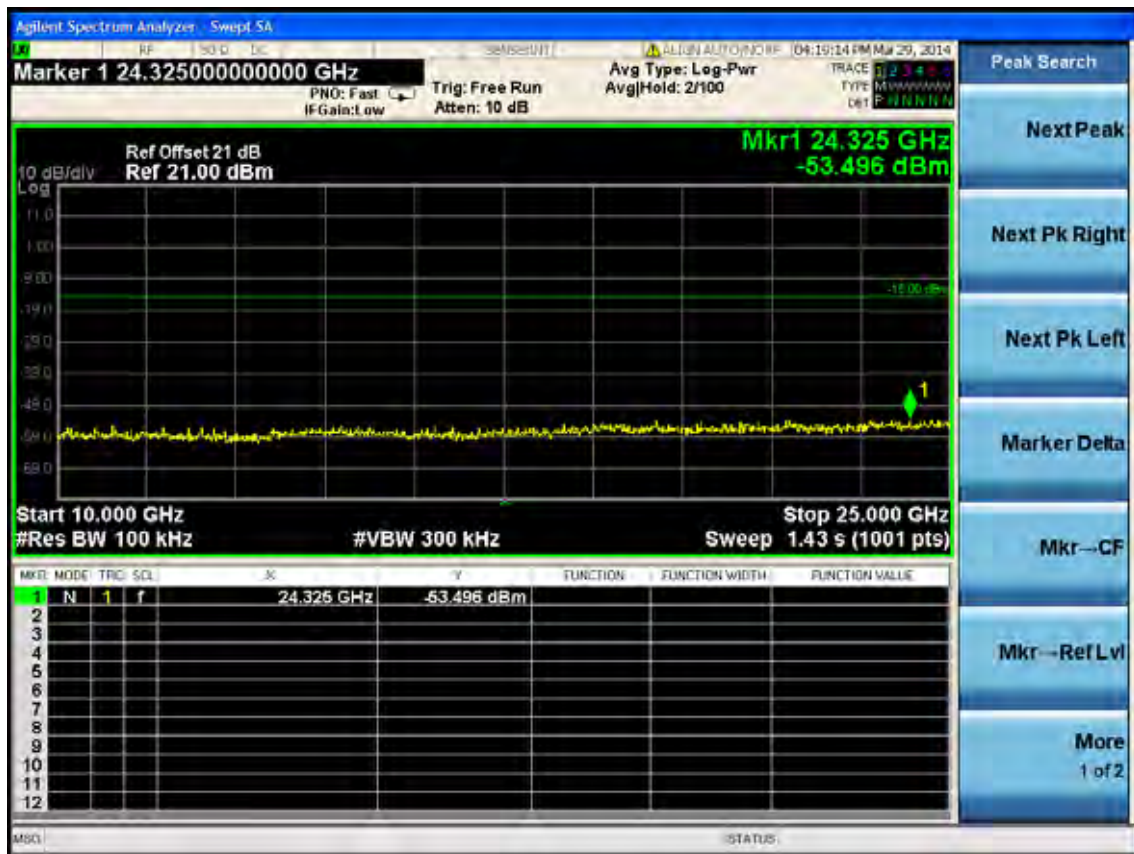




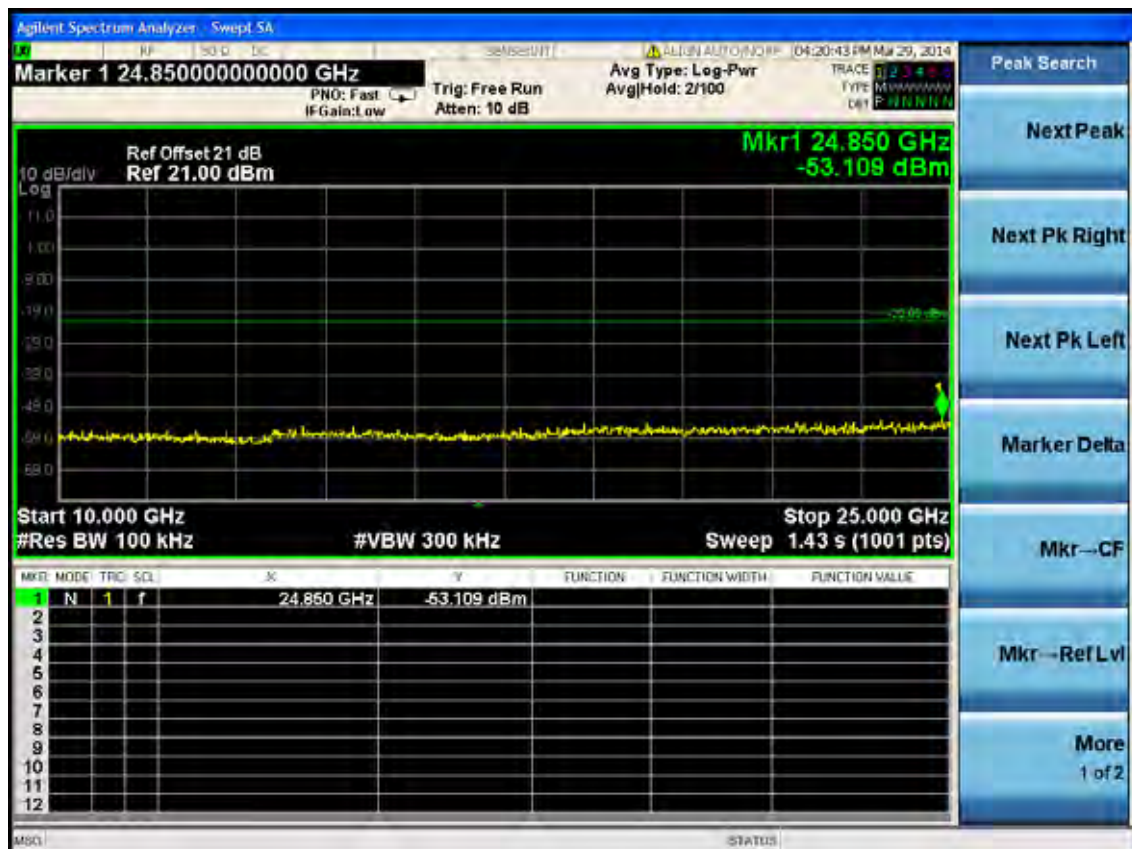
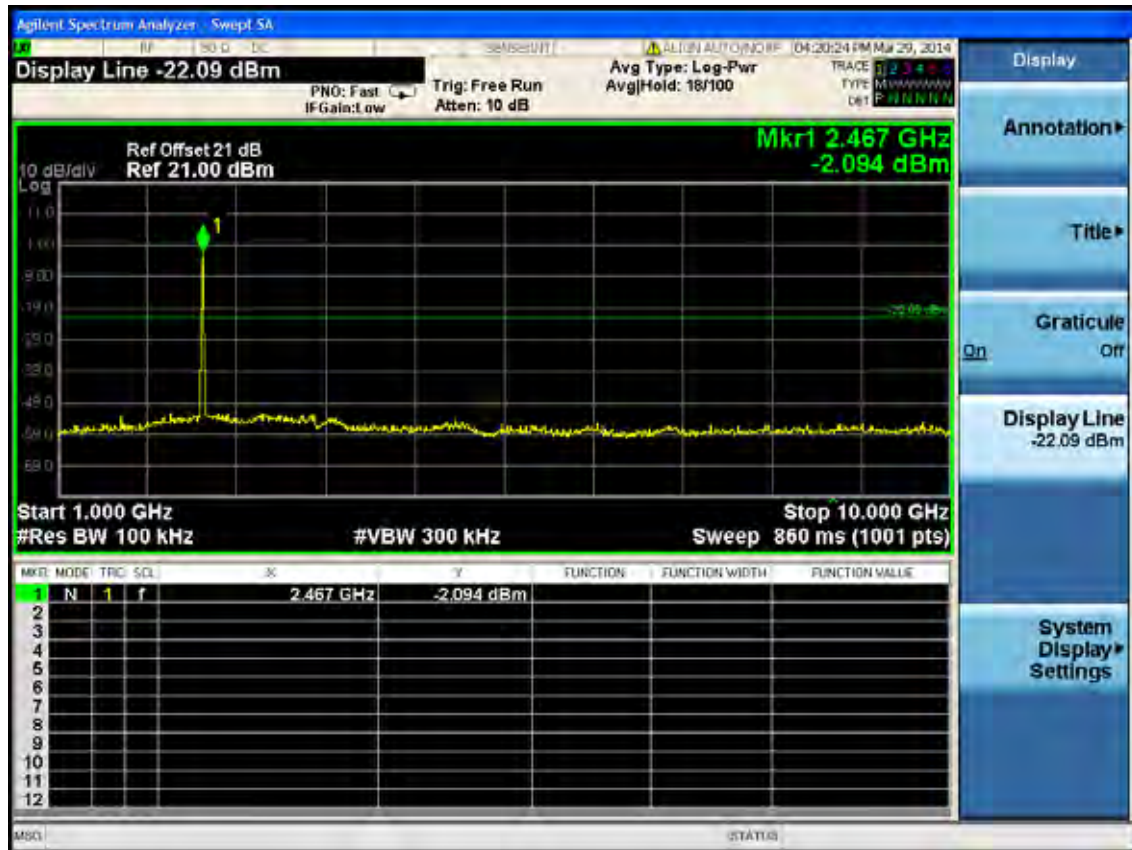


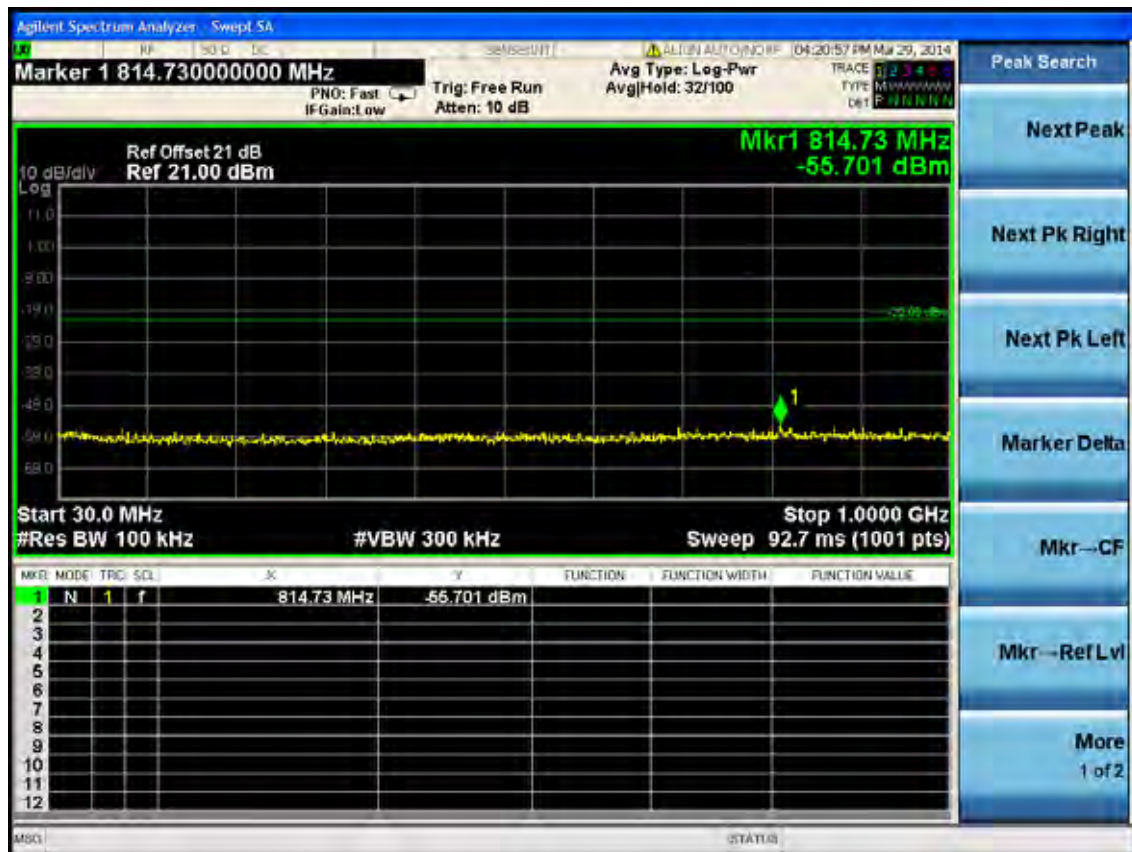
Test CH6: 2437MHz



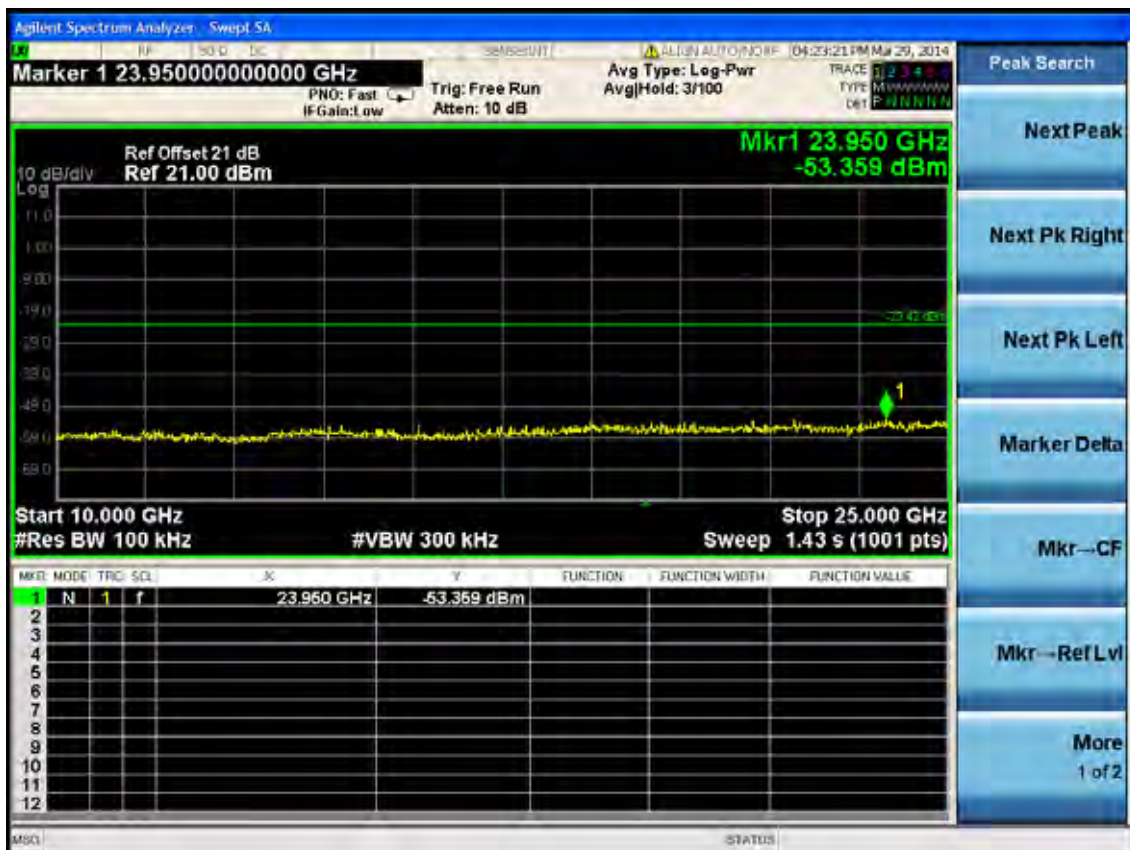
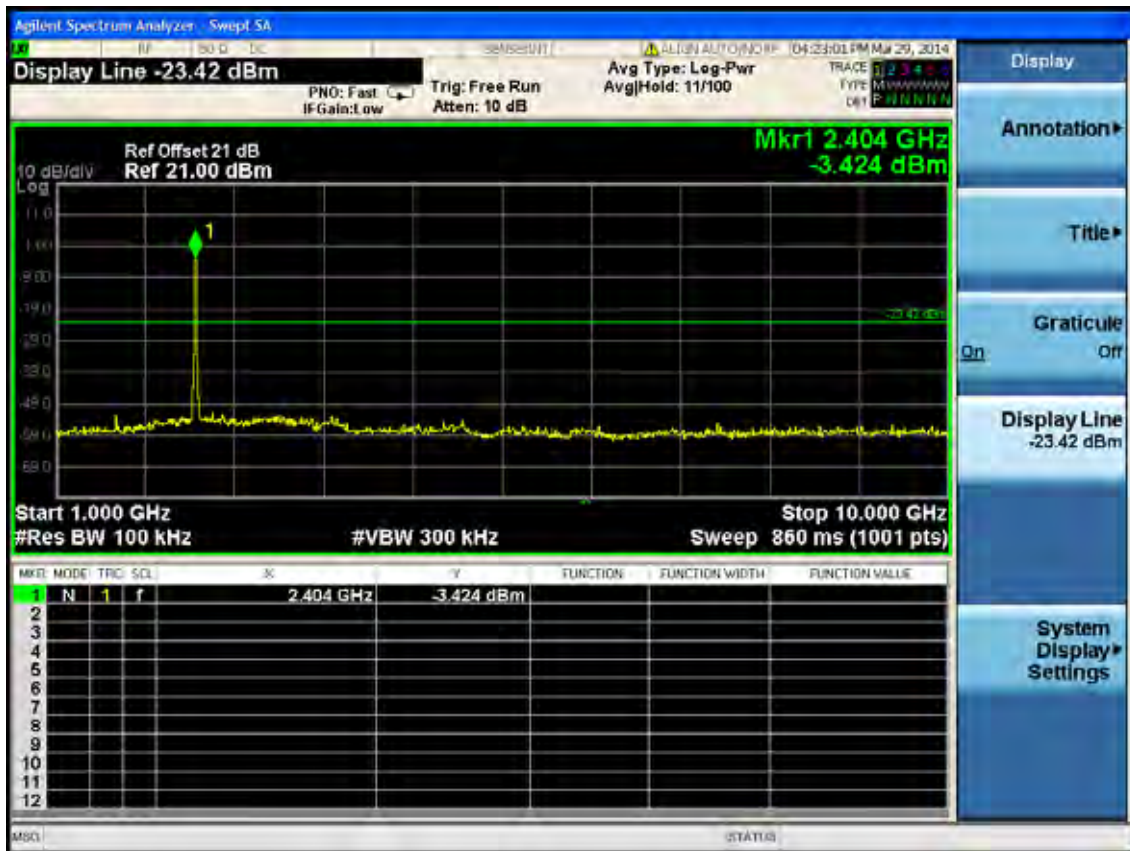


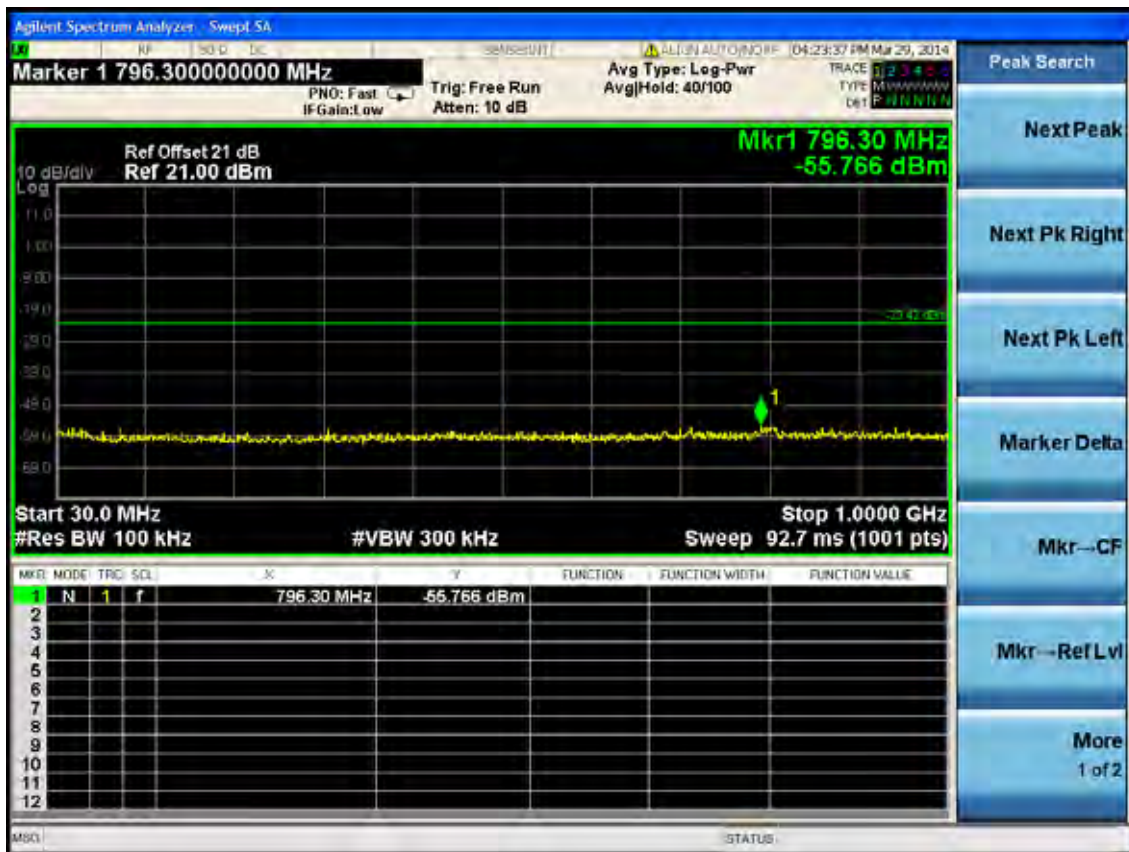
Test CH11: 2462MHz



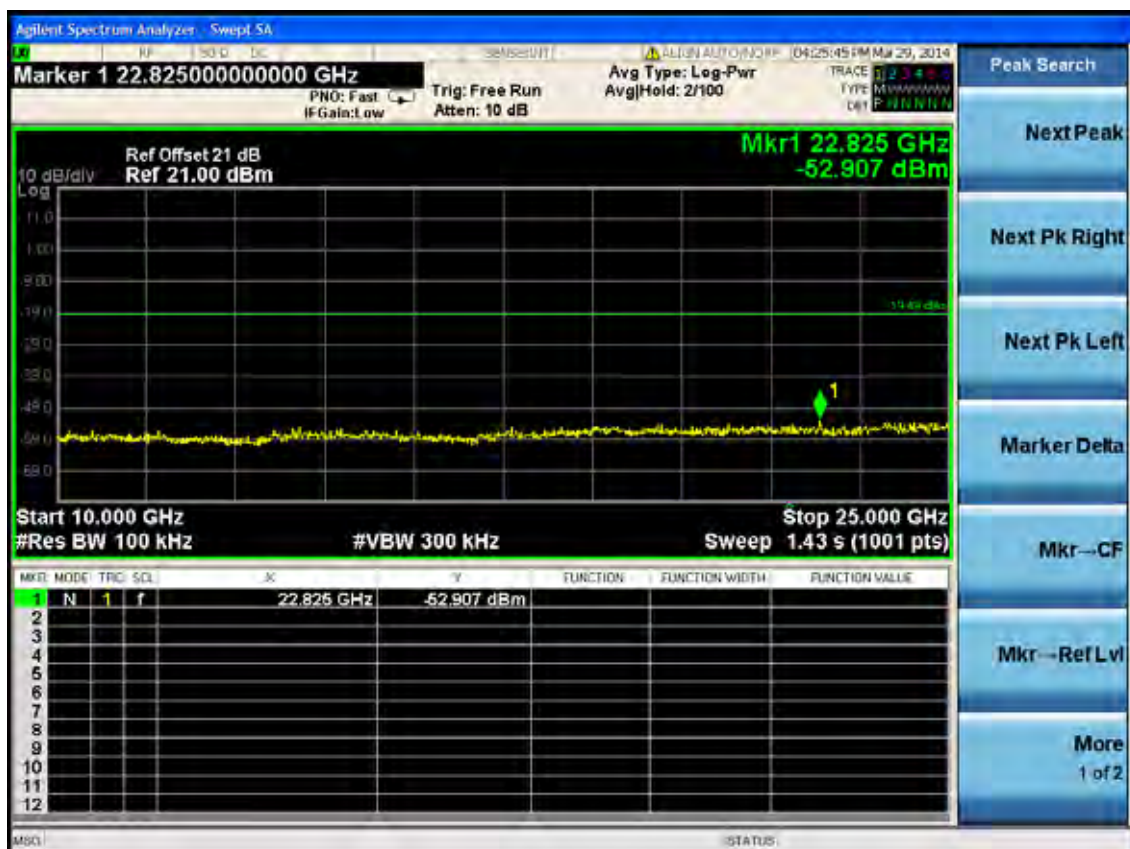
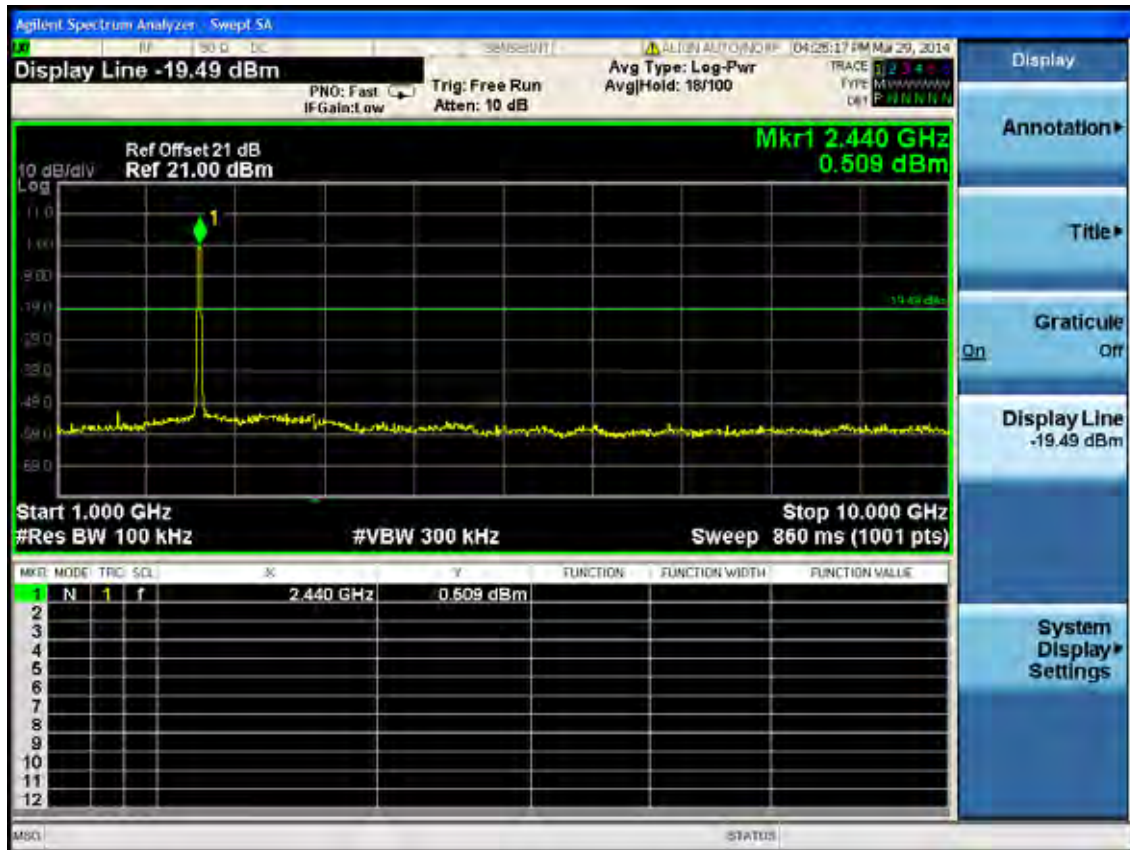


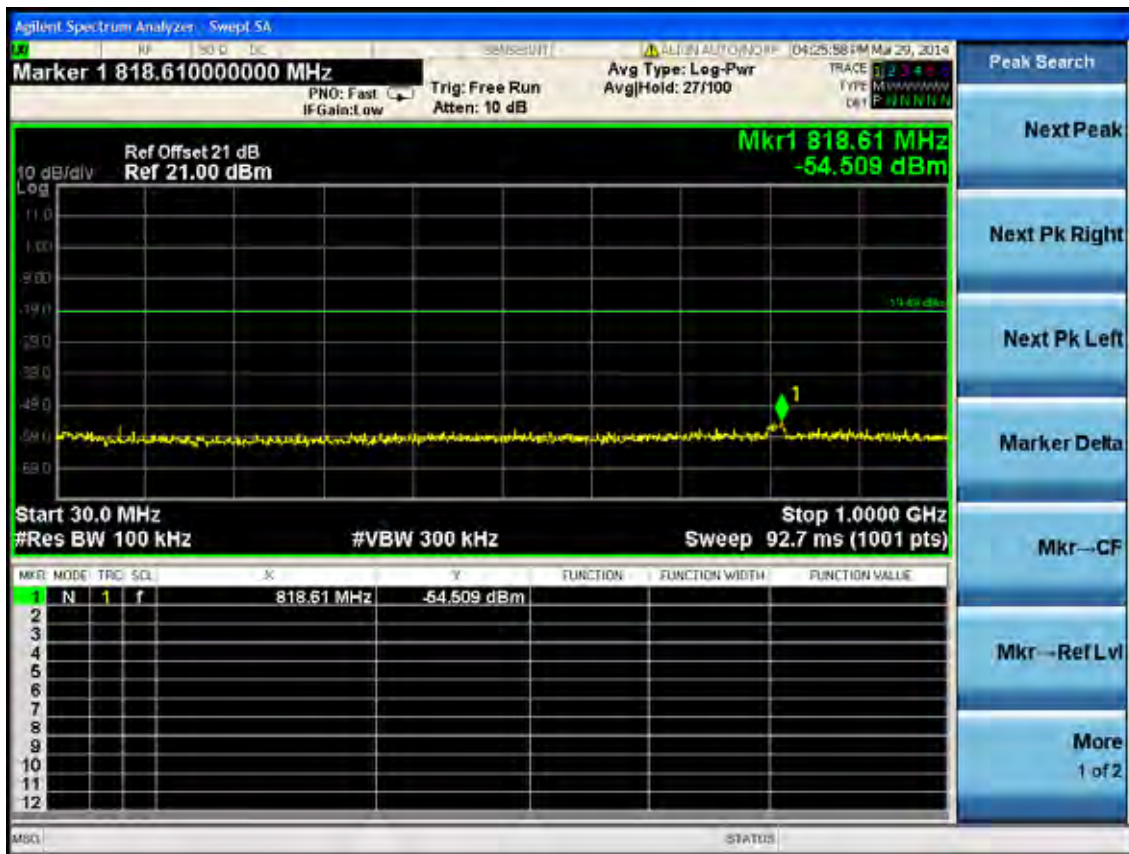
Test Mode: IEEE 802.11n HT20 TX
Test CH1: 2412MHz



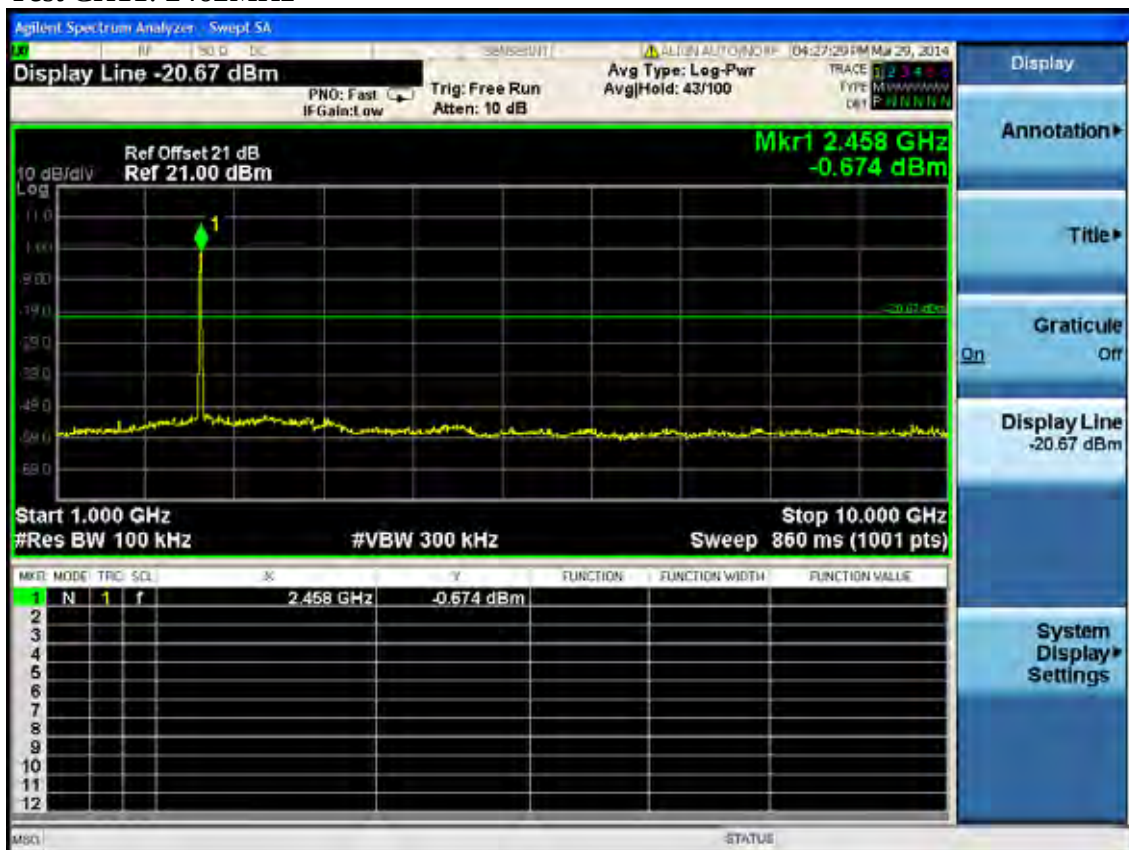


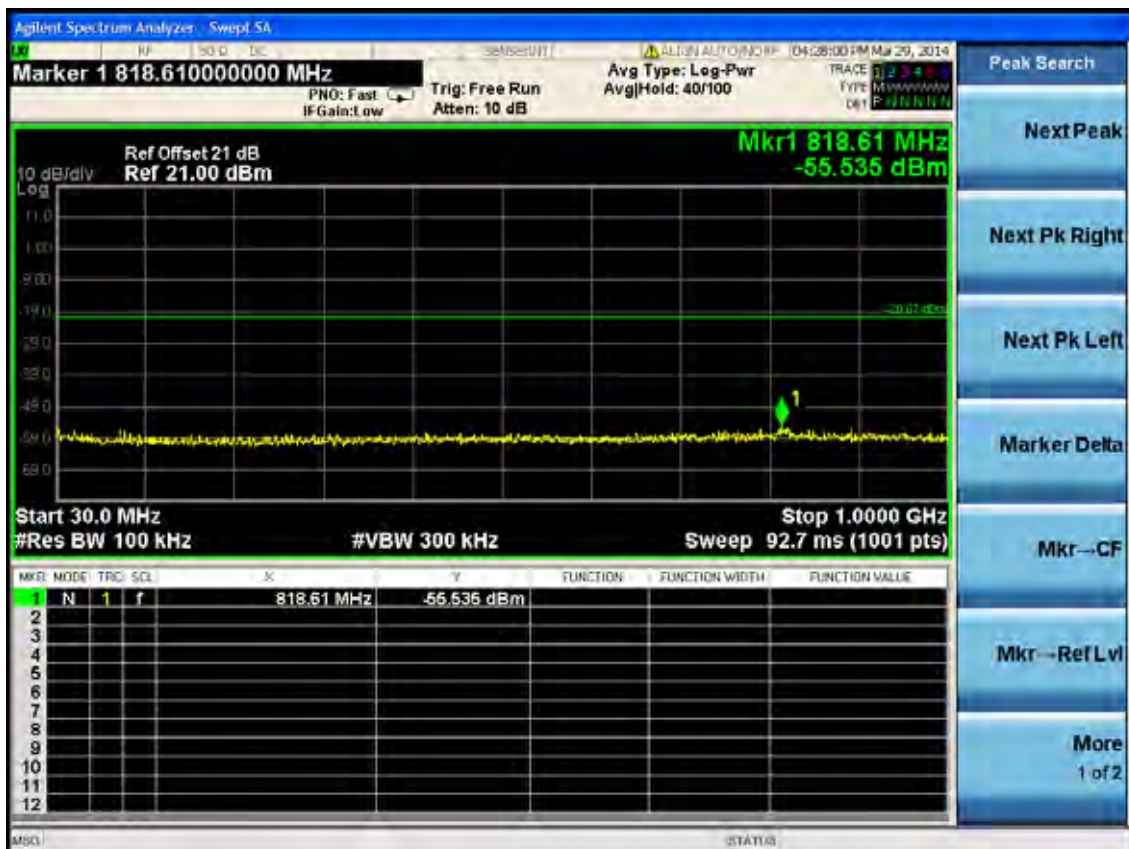
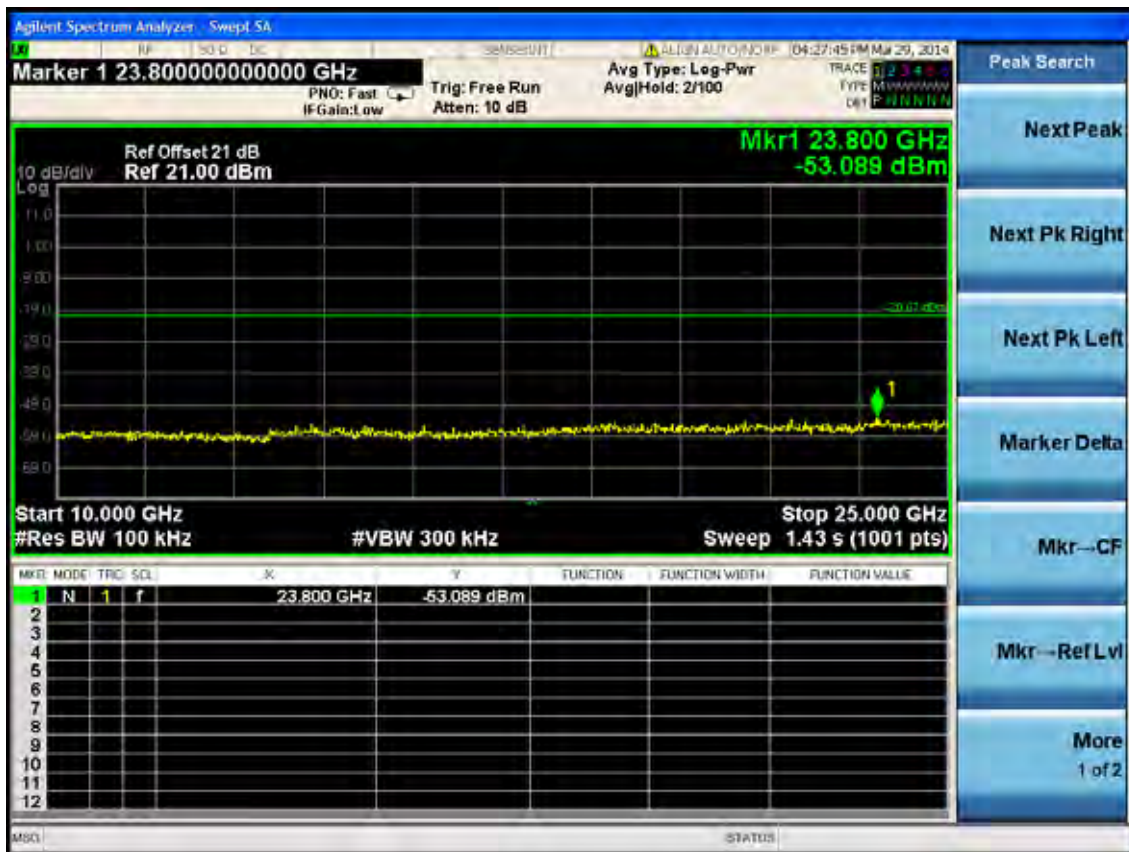
Test CH6: 2437MHz





Test CH11: 2462MHz



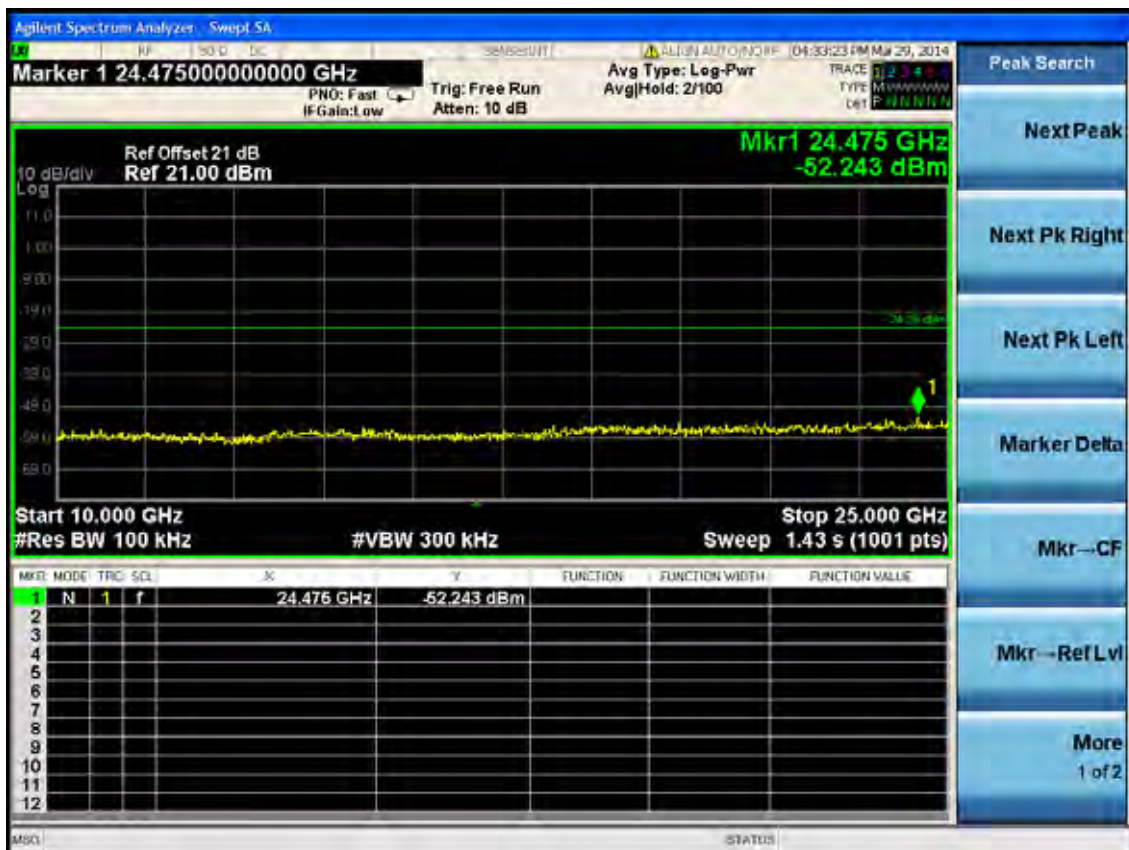
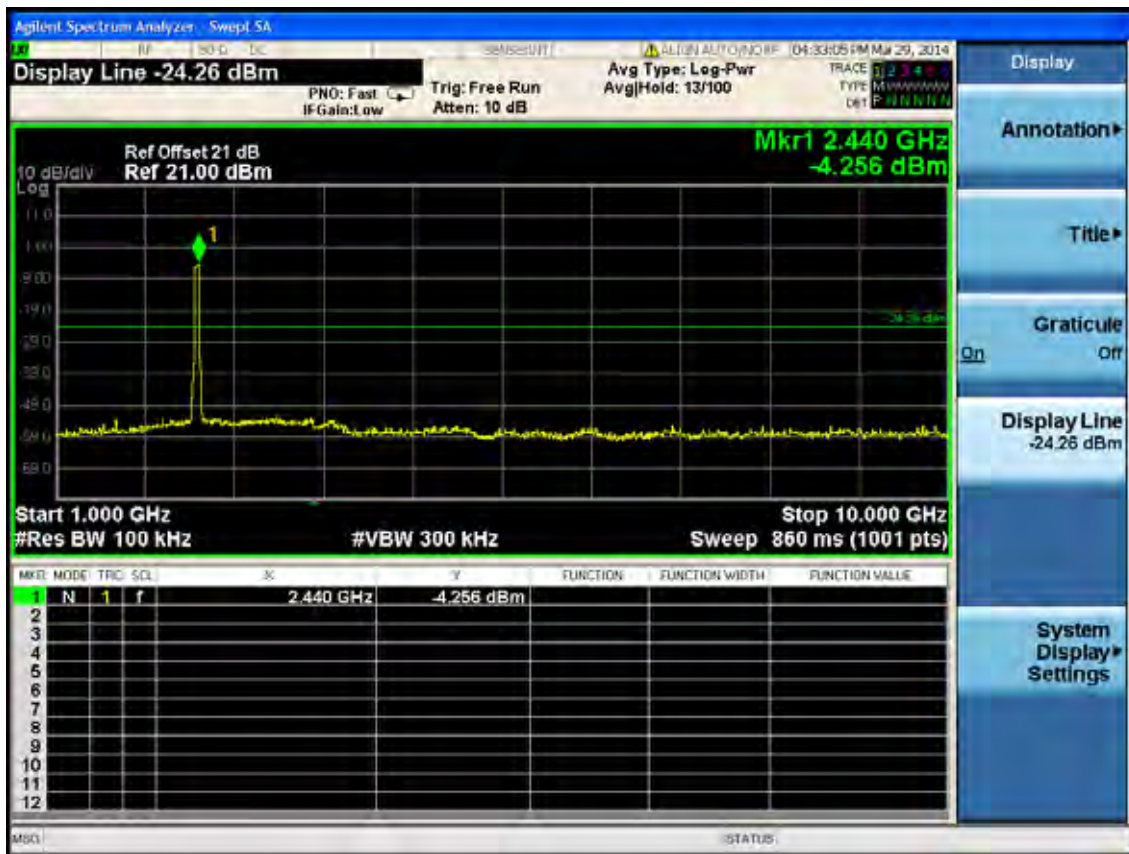


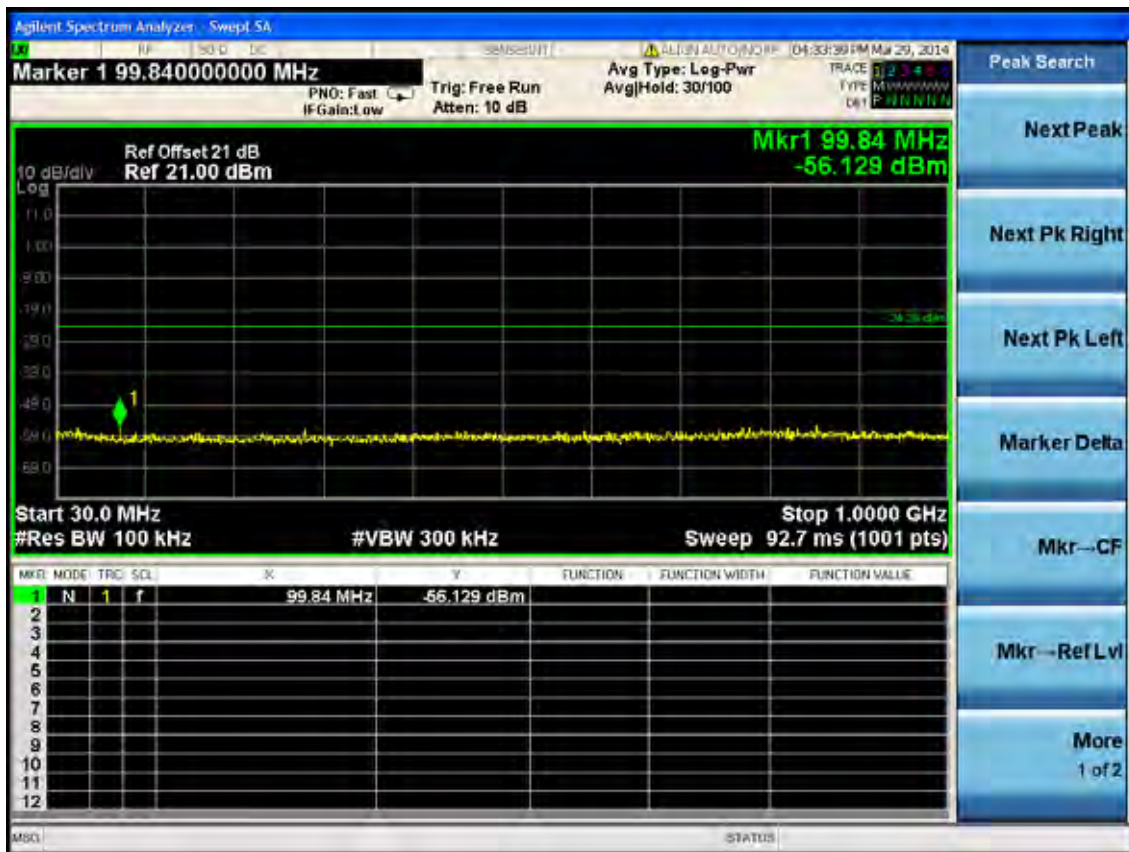


Test Mode: IEEE 802.11n HT40 TX

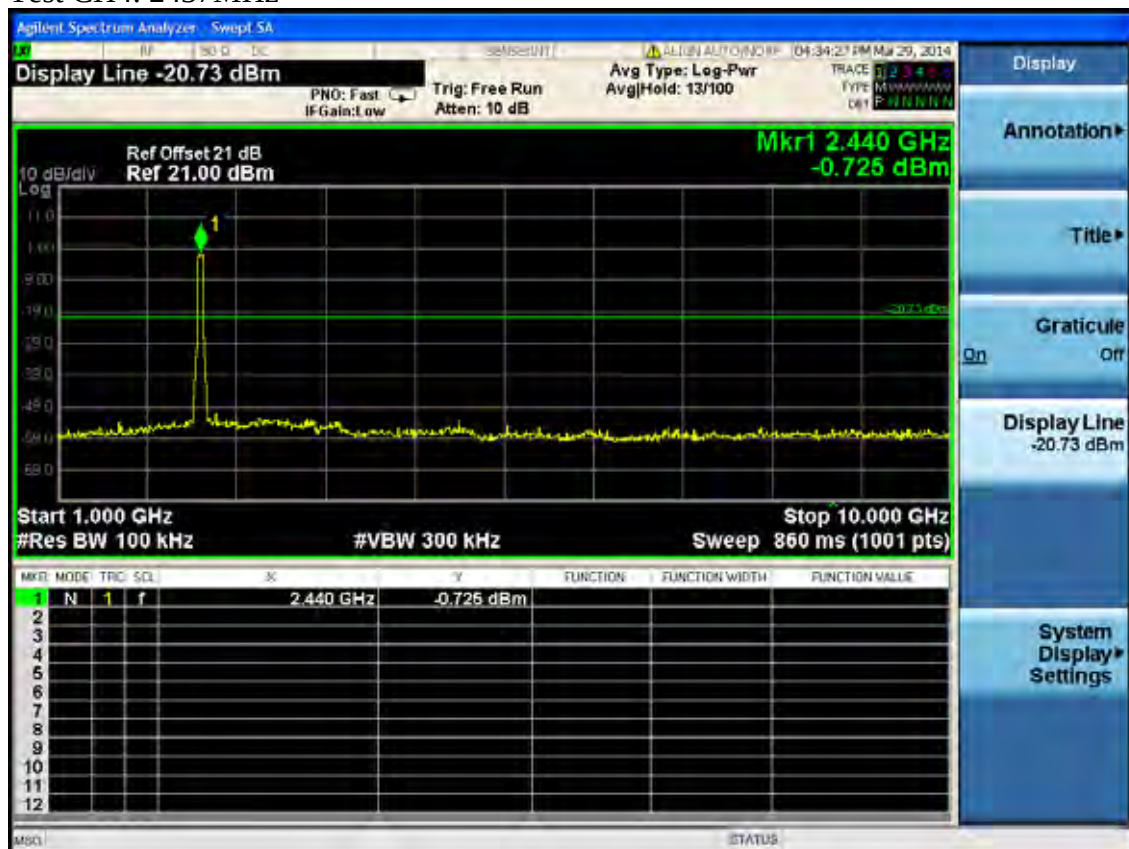
Test CH1: 2422MHz

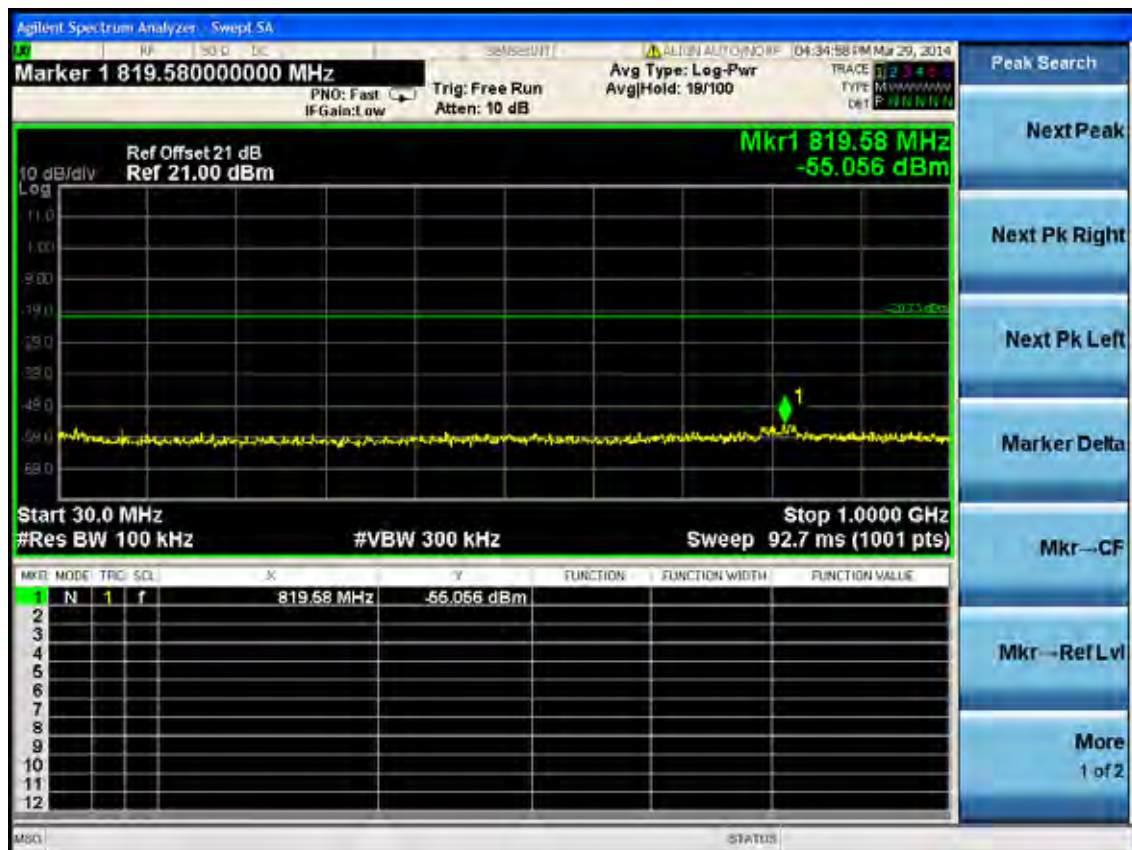
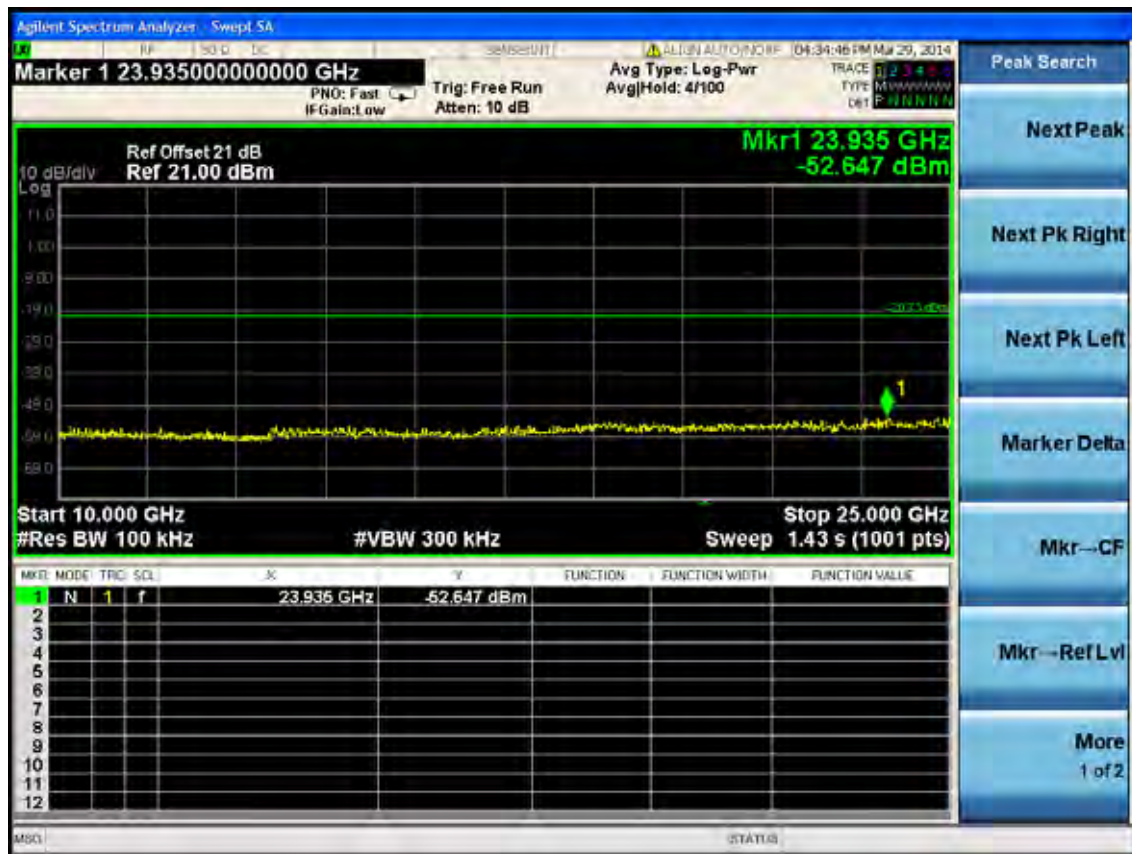






Test CH4: 2437MHz





Test CH7: 2452MHz

