

FCC PART 15E 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-F14111
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-SA-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 E: 2012

Test procedure used:
ANSI C63.10:2009
KDB789033D01: KDB644545D01

The device described above was tested by AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. to confirm comply with all the FCC Part 15 Subpart E 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 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 / Assistant Reviewed by : Sunny Lu / Assistant Manager



Approved & Authorized Signer :

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
26dB Bandwidth Test	FCC Part 15: 15.407(a)	PASS
Output Power Test	FCC Part 15: 15.407(a)	PASS
Power Spectral Density Test	FCC Part 15: 15.407(a)	PASS
Peak Excursion	FCC Part 15: 15.407(a)	PASS
Frequency Stability	FCC Part 15: 15.407(g) 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 Number	: SC-ALL3
FCC ID	: ACJ-SC-ALL3
Radio	: IEEE802.11 a/b/g/n
Operation Frequency	: IEEE 802.11a: 5180MHz—5240MHz, 5260MHz—5320MHz, 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 Technology	: IEEE 802.11b: DSSS(CCK, DQPSK, DBPSK) IEEE 802.11a/g: OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20, HT40: OFDM (64QAM, 16QAM, QPSK, BPSK)
Antenna Assembly Gain	: Antenna 0: 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, 9 th Floor Newark New Jersey United States 07102-5490
Manufacturer	: Panasonic Corporation of North America Two Riverfront Plaza, 9 th Floor Newark New Jersey United States 07102-5490
Power Cable	: Shielded, Detachable, 1.6m
Date of Test	: Mar.27~Apr.05, 2014
Date of Receipt	: Mar.25, 2014
Sample Type	: Prototype production

2.2.Test Information

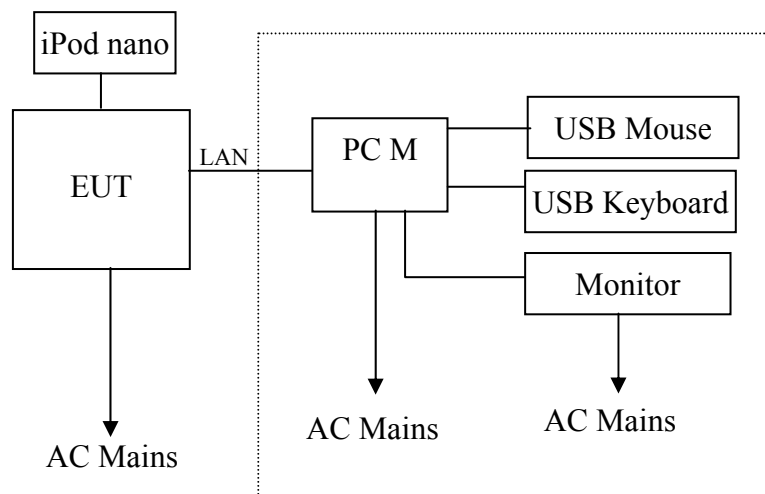
A special test software was used to control EUT work in Continuous TX mode(100% duty cycle), and select test channel, wireless mode and data rate.

This device have two antennas , and those two antennas can transmit simultaneously in 11a, 11b/g/n mode. So 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, Detachabled, 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)

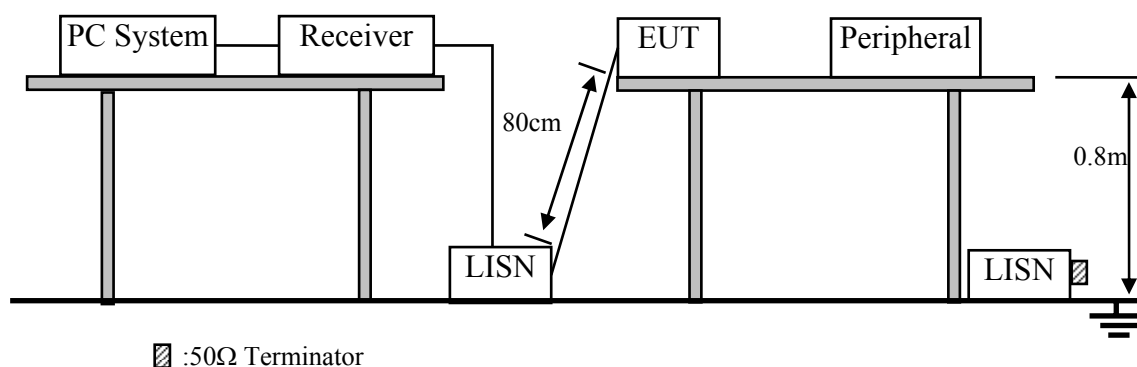
Test Item	Uncertainty
Uncertainty for Conduction emission test in No. 1 Conduction	3.1 dB(150KHz to 30MHz)
Uncertainty for Radiation Emission test in 3m chamber	3.22 dB(30~200MHz, Polarize: H)
	3.23 dB(30~200MHz, Polarize: V)
	3.49 dB(200M~1GHz, Polarize: H)
	3.39 dB(200M~1GHz, Polarize: V)
Uncertainty 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

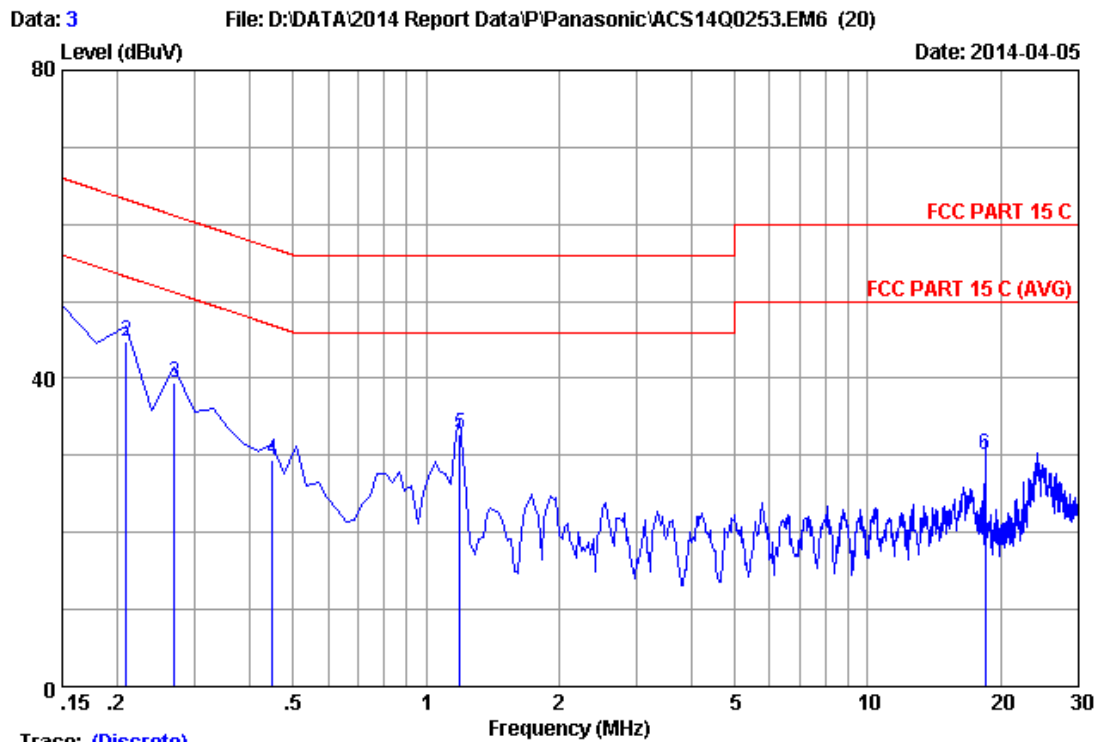
The EUT was placed on a non-metallic table, 80cm above the ground plane. The EUT Power connected to the power mains through a line impedance stabilization network (L.I.S.N. 1#). This provides a 50 ohm coupling impedance for the EUT (Please refer the block diagram of the test setup and photographs). The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

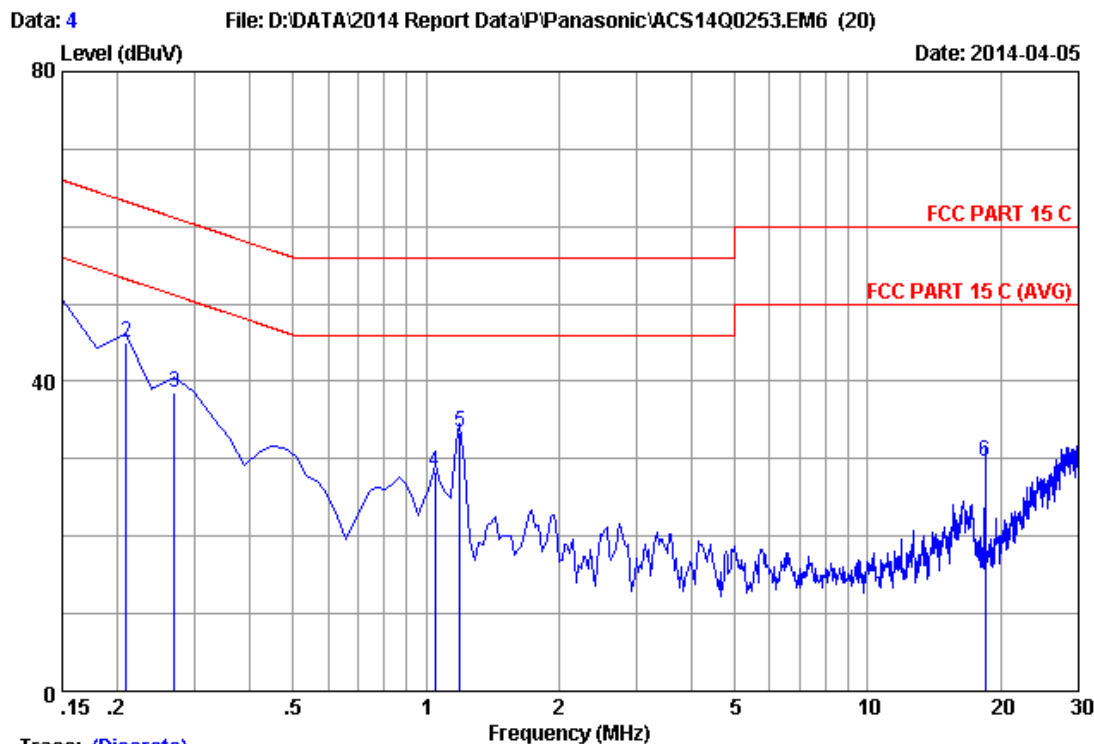
5150-5250MHz Band:


Trace: (Discrete)

Site no :1#conduction Data No :3
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 5.1G)
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	37.39	47.38	66.00	18.62	QP
2	0.20970	0.13	9.88	34.83	44.84	63.22	18.38	QP
3	0.26940	0.14	9.88	29.33	39.35	61.14	21.79	QP
4	0.44850	0.15	9.88	19.41	29.44	56.90	27.46	QP
5	1.195	0.18	9.89	22.74	32.81	56.00	23.19	QP
6	18.418	0.76	10.07	19.28	30.11	60.00	29.89	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 :4
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 5.1G)
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	39.53	49.53	66.00	16.47	QP
2	0.20970	0.13	9.88	35.05	45.06	63.22	18.16	QP
3	0.26940	0.14	9.88	28.44	38.46	61.14	22.68	QP
4	1.046	0.17	9.89	18.14	28.20	56.00	27.80	QP
5	1.195	0.18	9.89	23.36	33.43	56.00	22.57	QP
6	18.418	0.98	10.07	18.70	29.75	60.00	30.25	QP

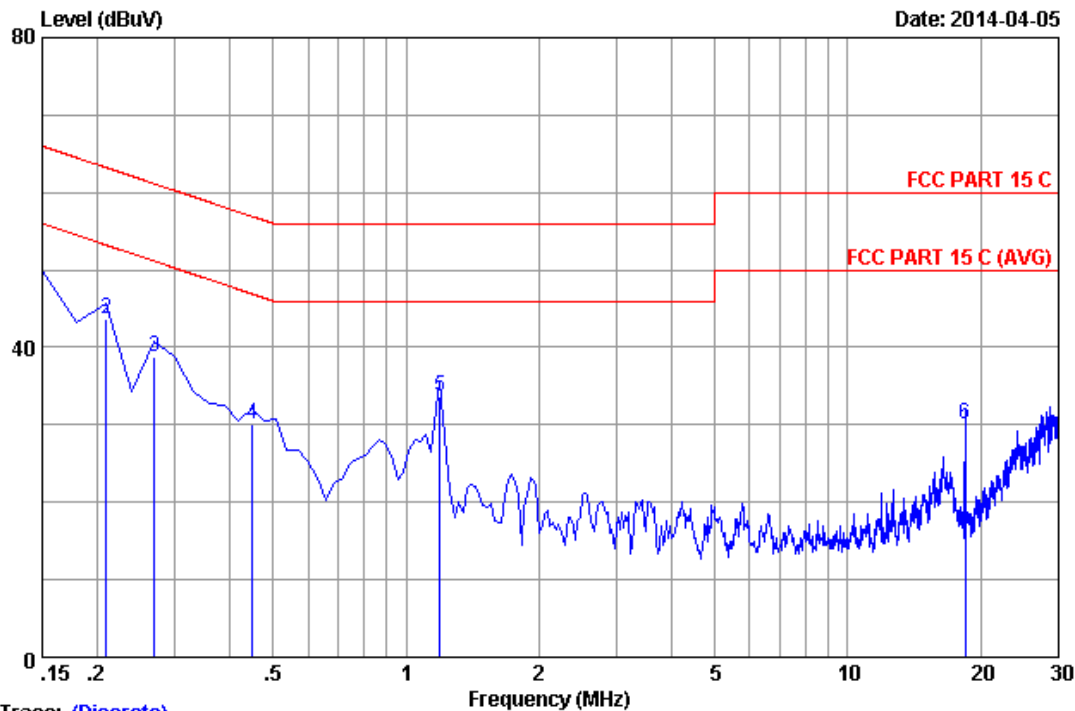
Remarks: 1.Emission Level=LISN Factor+Cable Loss+Reading.
2.If the average limit is met when using a quasi-peak detector.
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

5250-5350MHz Band:

Data: 5

File: D:\DATA\2014 Report Data\PPanasonic\ACS14Q0253.EM6 (20)

Date: 2014-04-05

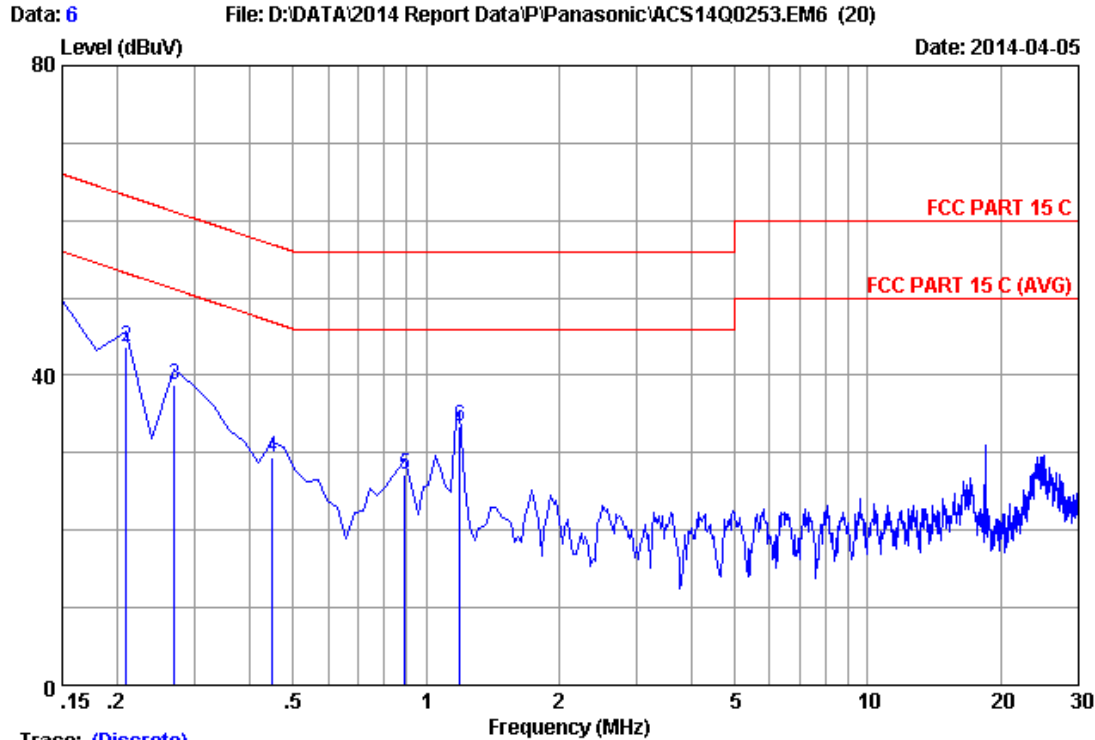


Trace: (Discrete)

Site no :1#conduction Data No :5
 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 5.2G)
 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	37.82	47.82	66.00	18.18	QP
2	0.20970	0.13	9.88	33.76	43.77	63.22	19.45	QP
3	0.26940	0.14	9.88	28.85	38.87	61.14	22.27	QP
4	0.44850	0.15	9.88	19.97	30.00	56.90	26.90	QP
5	1.195	0.18	9.89	23.67	33.74	56.00	22.26	QP
6	18.418	0.98	10.07	19.00	30.05	60.00	29.95	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 :6
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 5.2G)
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	37.60	47.59	66.00	18.41	QP
2	0.20970	0.13	9.88	33.62	43.63	63.22	19.59	QP
3	0.26940	0.14	9.88	28.85	38.87	61.14	22.27	QP
4	0.44850	0.15	9.88	19.37	29.40	56.90	27.50	QP
5	0.89625	0.17	9.89	17.06	27.12	56.00	28.88	QP
6	1.195	0.18	9.89	23.33	33.40	56.00	22.60	QP

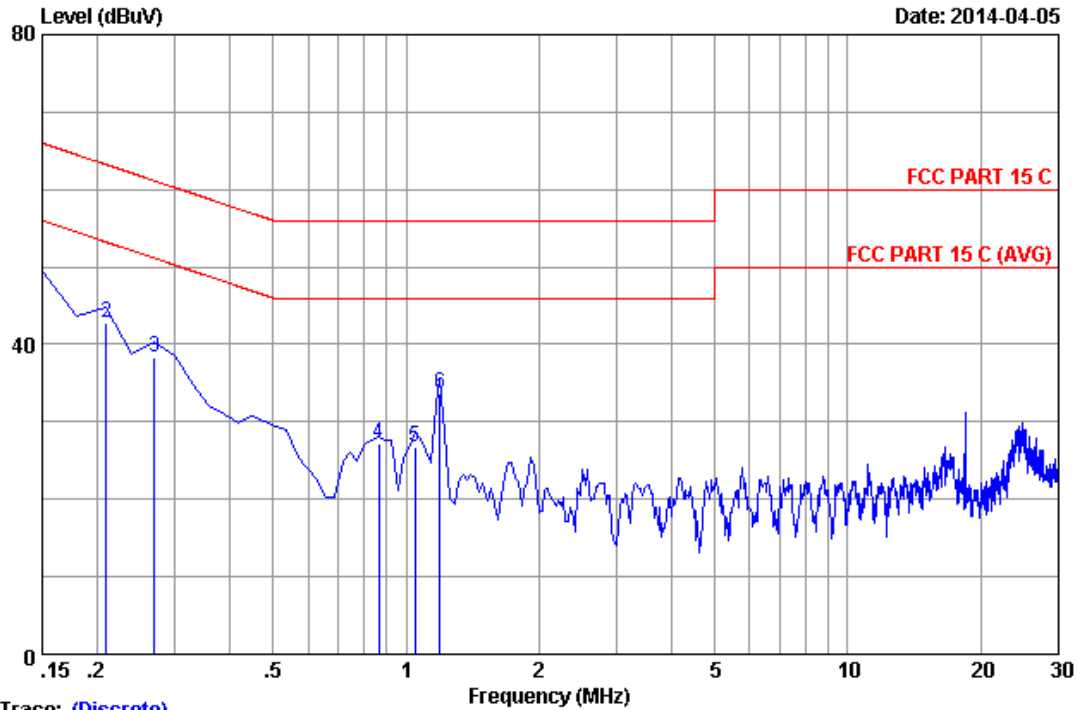
Remarks: 1.Emission Level=LISN Factor+Cable Loss+Reading.
2.If the average limit is met when using a quasi-peak detector.
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

5470-5725MHz Band:

Data: 7

File: D:\DATA\2014 Report Data\PPanasonic\ACS14Q0253.EM6 (20)

Date: 2014-04-05

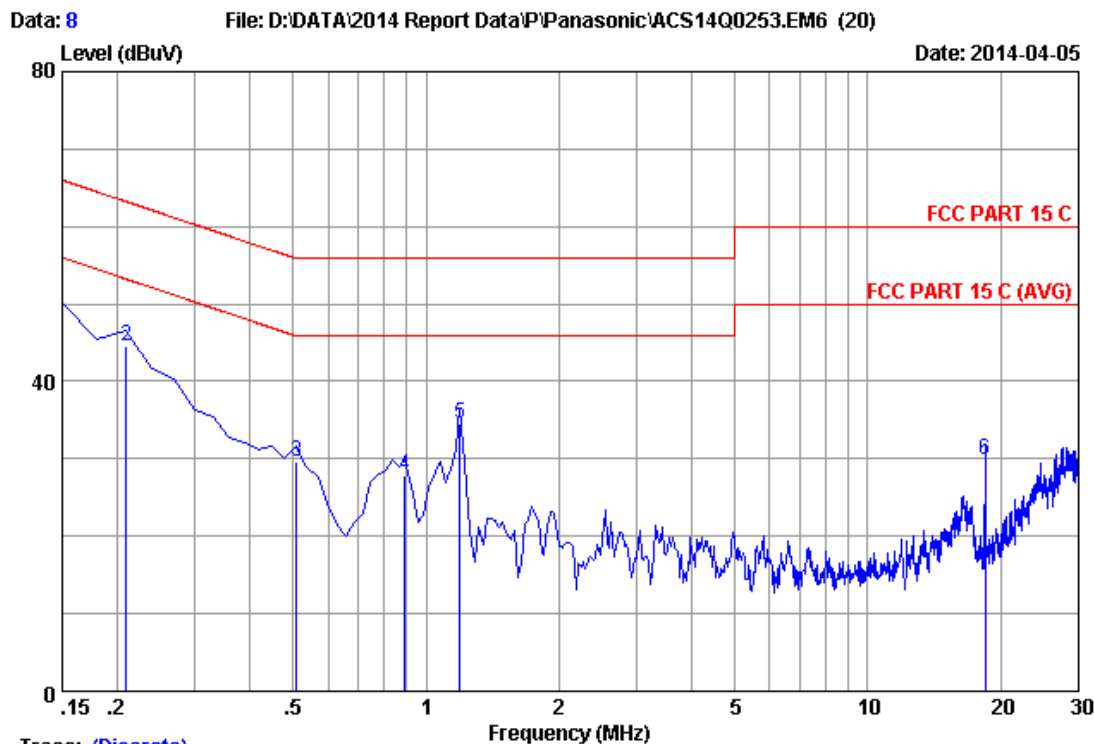


Trace: (Discrete)

Site no :1#conduction Data No :7
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 5.4G)
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	37.53	47.52	66.00	18.48	QP
2	0.20970	0.13	9.88	32.86	42.87	63.22	20.35	QP
3	0.26940	0.14	9.88	28.34	38.36	61.14	22.78	QP
4	0.86640	0.17	9.89	17.02	27.08	56.00	28.92	QP
5	1.046	0.17	9.89	16.64	26.70	56.00	29.30	QP
6	1.195	0.18	9.89	23.49	33.56	56.00	22.44	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 :8
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 5.4G)
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	38.22	48.22	66.00	17.78	QP
2	0.20970	0.13	9.88	34.47	44.48	63.22	18.74	QP
3	0.50820	0.15	9.88	19.55	29.58	56.00	26.42	QP
4	0.89625	0.16	9.89	17.82	27.87	56.00	28.13	QP
5	1.195	0.18	9.89	24.51	34.58	56.00	21.42	QP
6	18.418	0.98	10.07	18.86	29.91	60.00	30.09	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)

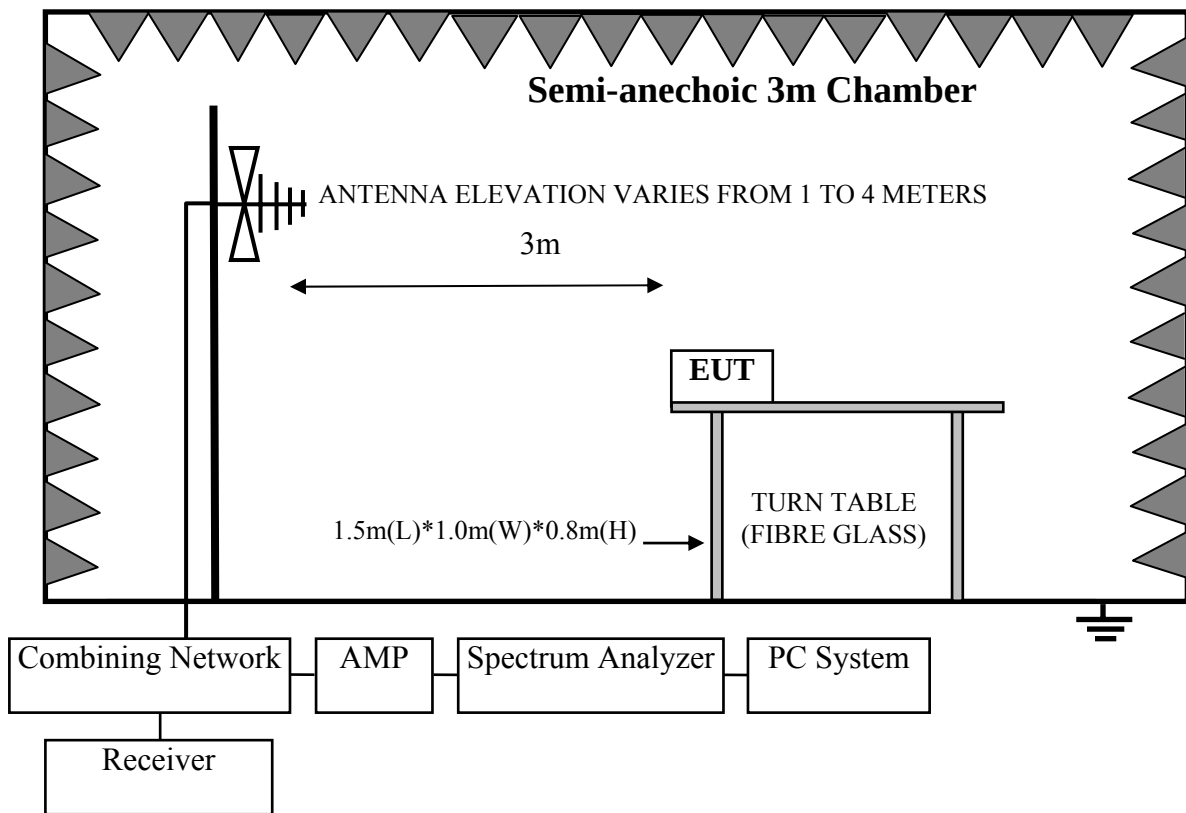
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	3#Chamber	AUDIX	N/A	N/A	Nov.24, 13	1 Year
2	EMI Spectrum	Agilent	E4407B	MY41440292	May.08, 13	1 Year
3	Test Receiver	Rohde & Schwarz	ESVS10	834468/011	May.08, 13	1 Year
4	Amplifier	HP	8447D	2648A04738	May.08, 13	1 Year
5	Bilog 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)

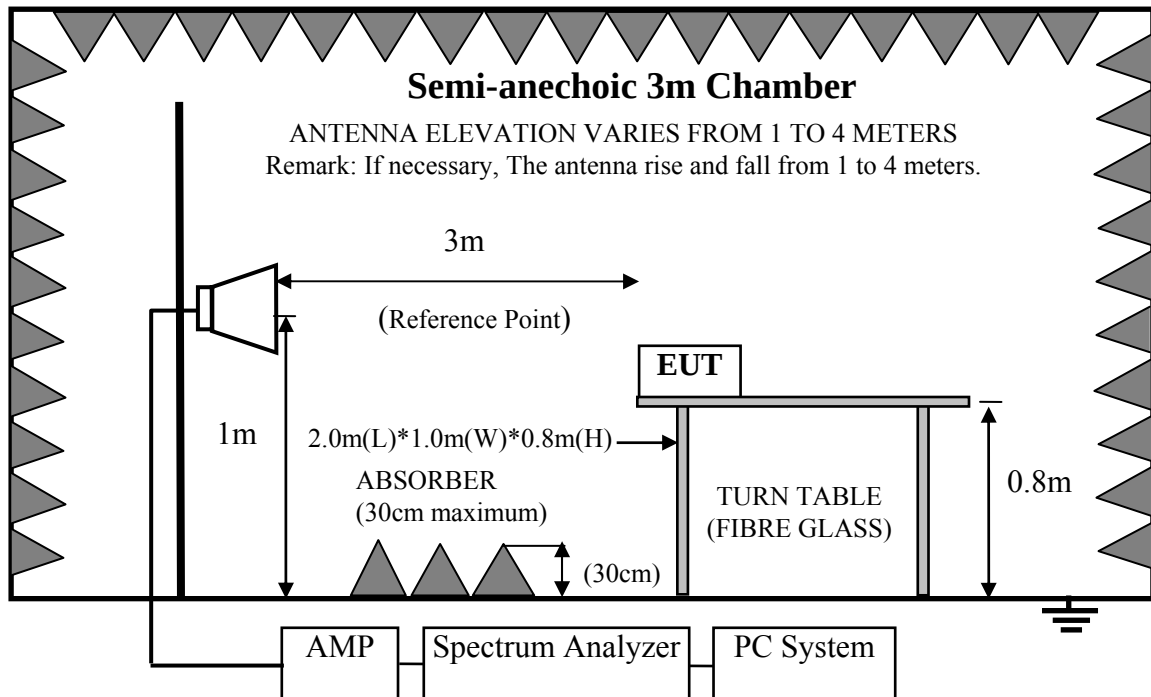
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	Spectrum Analyzer	Agilent	E4407B	MY41440292	May.08, 13	1 Year
2	Horn Antenna	EMCO	3115	9510-4580	May.28, 13	1 Year
3	Amplifier	Agilent	8449B	3008A00863	May.08, 13	1 Year
4	RF Cable	Hubersuhner	SUCOFLEX106	77980/6	May.08, 13	1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

For transmitters operating in the 5.15-5.25 GHz; 5.25-5.35GHz; 5.47-5.725GHz band: all emissions outside of those band shall not exceed an EIRP of -27 dBm/MHz.

Unwanted emissions below 1 GHz and those emissions appearing within 15.205 restricted frequency bands must comply with the general field strength limits set forth in Section 15.209

4.3.1. 15.209 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 $\text{dB}\mu\text{V} = 20 \log \text{Emission level } \mu\text{V}/\text{m}$

(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)

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.

For emissions below 1GHz and those emissions appearing within 15.205 restricted frequency bands use below procedure:

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 1MHz and RBW is set at 1MHz for peak emissions measurement above 1GHz and 1MHz RBW, 10Hz VBW for average emissions measure above 1GHz

For the emissions above 1GHz and not appearing within 15.205 restricted frequency bands use below procedure:

- (1).The maximum emission at 3m distance was measured and recorded with receive antenna in both vertical and horizontal by rotating the turntable and by lowering the receive antenna.
- (2).The EUT was then removed and replaced with a substitution antenna in the same position and the substitution antenna must have the same polarization with the receive antenna.
- (3). A signal which have the same frequency obtained in step 2 was fed to the substitution,the receive antenna was raised and lowered to obtain a maximum reading at the test receiver, the level of the signal generator was adjusted until the measured field strength level in step 2 was obtained, recorded the level of the signal generator.
- (4).Repeated step 4 with both antenna polarizations
- (5).The spurious emissions is equal to the power supplied by the signal generator and corrections due to the gain of the substitution antenna and the cable loss between the signal generator and the substitution antenna.
- (6).Per KDB789033 clause H 2)d).if the test distance is 3m,the $EIRP(dBm) = E(dBuV/m) - 95.2$
Get the result of all unwanted emission outside the restricted band is less than the -27dBm/MHz.

4.7. Radiated Emission Test Results

PASS.

All the emissions from 30MHz to 1 GHz were comply with 15.209 limits.

No any emissions were found from 18GHz to 40GHz, So the Radiated emissions from 18GHz to 40GHz were not record.

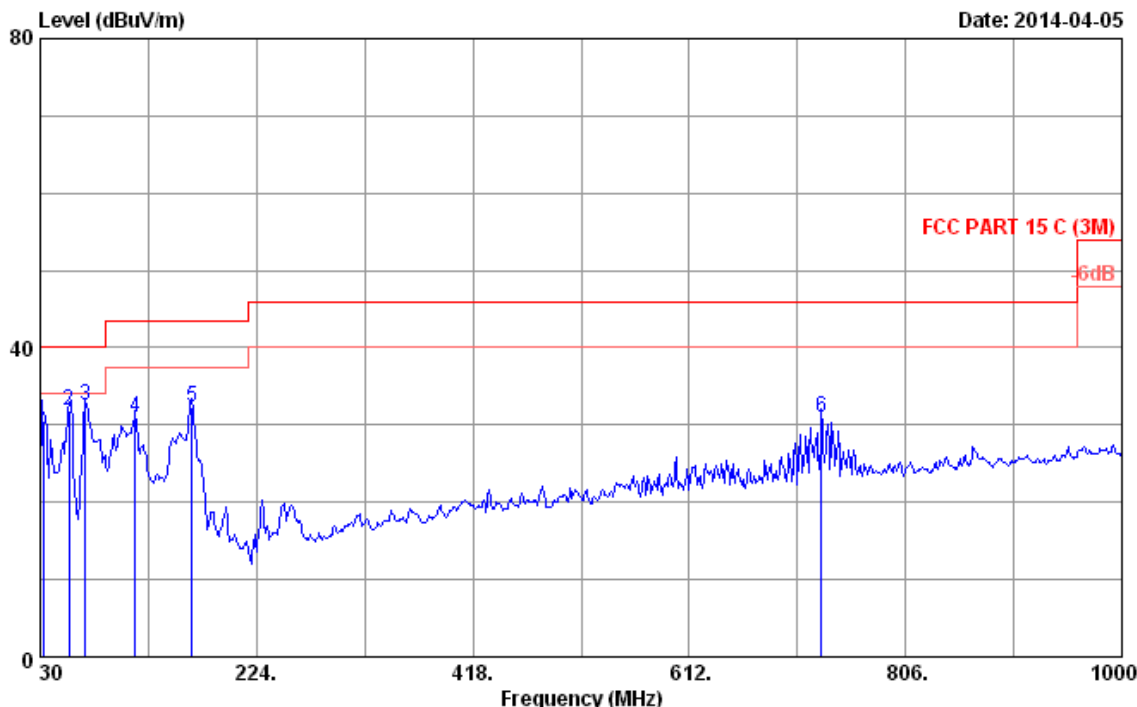
All other emission comply with 15.407 (b)(1) requirements.

5150-5250MHz Band:
Frequency: 30MHz~1GHz

Data: 3

File: E:\2014 Report Data\PI\Panasonic\ACS14Q0253.EM6 (30)

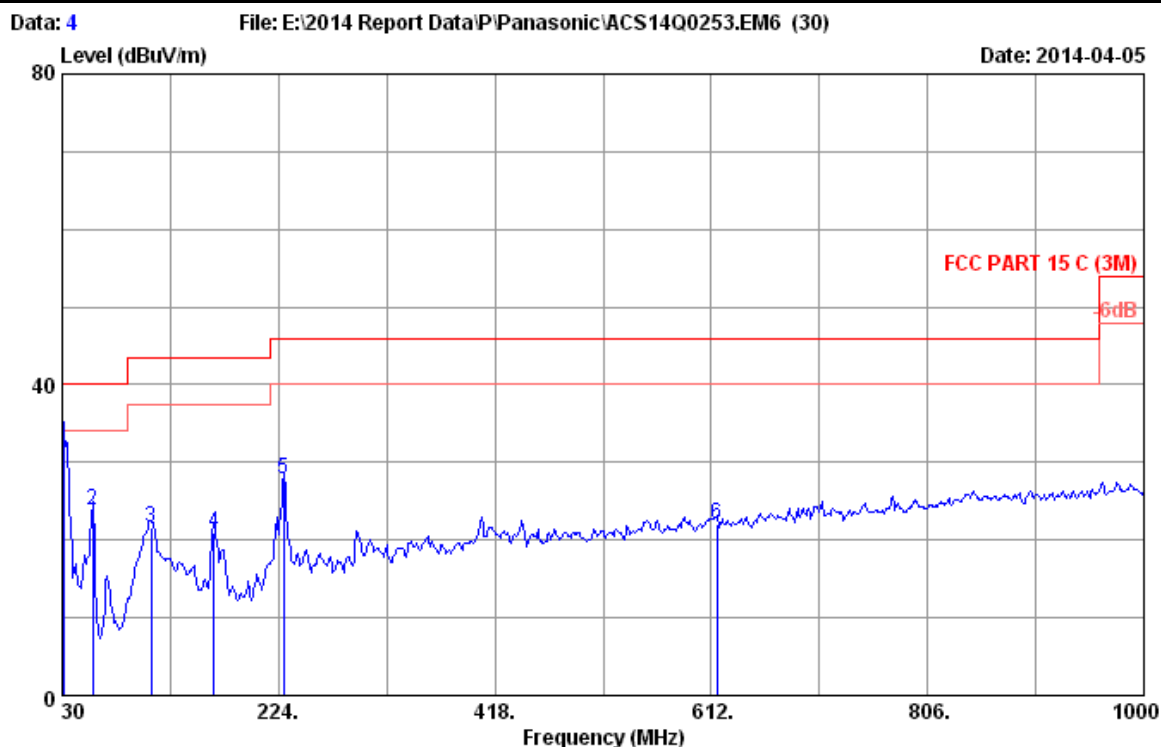
Date: 2014-04-05



Site no. : 3m Chamber Data no. : 3
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 5.1G)
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	32.910	18.25	0.88	11.49	30.62	40.00	9.38	QP
2	56.190	7.26	1.22	23.49	31.97	40.00	8.03	QP
3	70.740	6.84	1.28	24.38	32.50	40.00	7.50	QP
4	115.360	12.67	1.47	16.76	30.90	43.50	12.60	QP
5	165.800	10.51	1.66	20.16	32.33	43.50	11.17	QP
6	730.340	20.01	3.41	7.57	30.99	46.00	15.01	QP

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

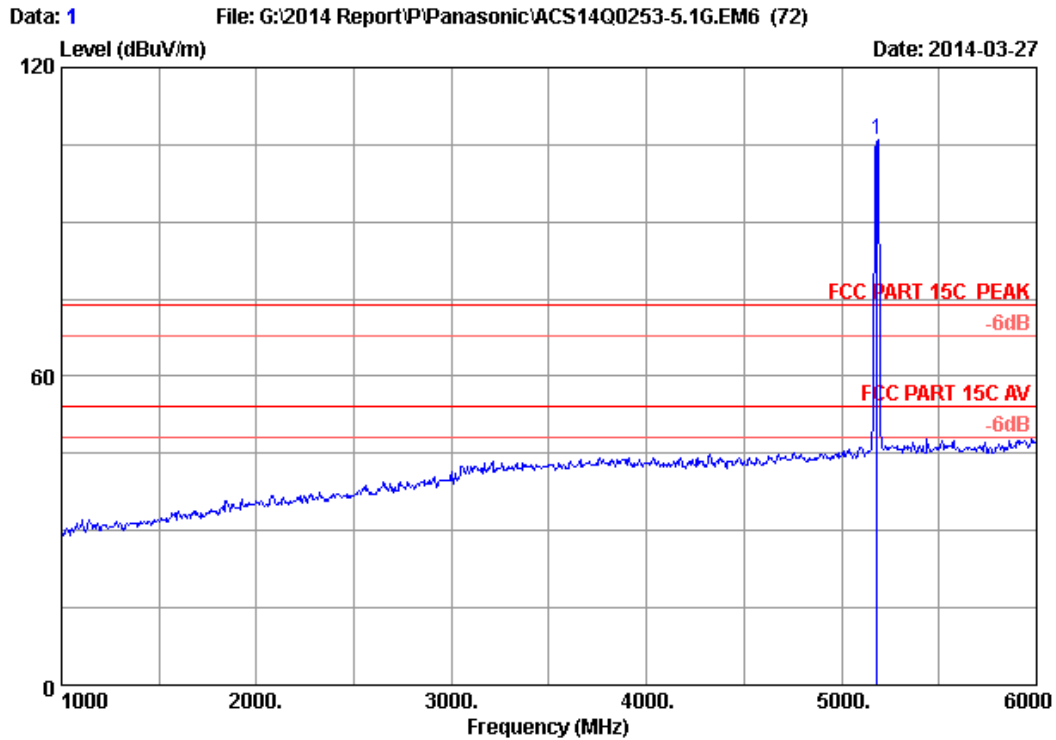


Site no. : 3m Chamber Data no. : 4
 Dis. / Ant. : 3m 2013 CBL6112D 35375 Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 C (3M)
 Env. / Ins. : 24°C/65% Engineer : Even_Deng
 EUT : Wireless Speaker System
 Power rating : AC 120V/60Hz
 Test Mode : Tx Mode(WIFI 5.1G)
 M/N:SC-ALL3

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	12.92	32.62	40.00	7.38	QP
2	57.160	7.07	1.22	15.63	23.92	40.00	16.08	QP
3	109.540	12.25	1.45	7.85	21.55	43.50	21.95	QP
4	165.800	10.51	1.66	8.87	21.04	43.50	22.46	QP
5	228.850	11.14	1.90	14.76	27.80	46.00	18.20	QP
6	616.850	19.30	3.08	-0.28	22.10	46.00	23.90	QP

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

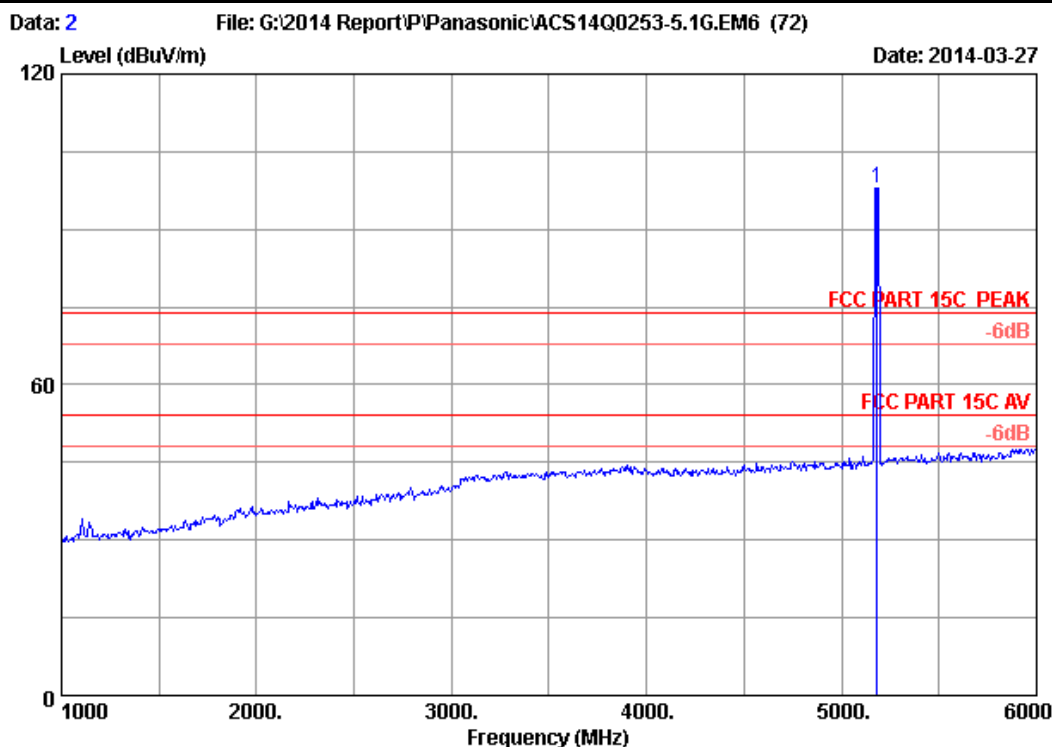
5150-5250MHz Band:
Frequency: 1GHz~18GHz



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 5180MHz 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	5180.000	33.49	8.95	35.70	99.27	106.01	74.00	-32.01	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.

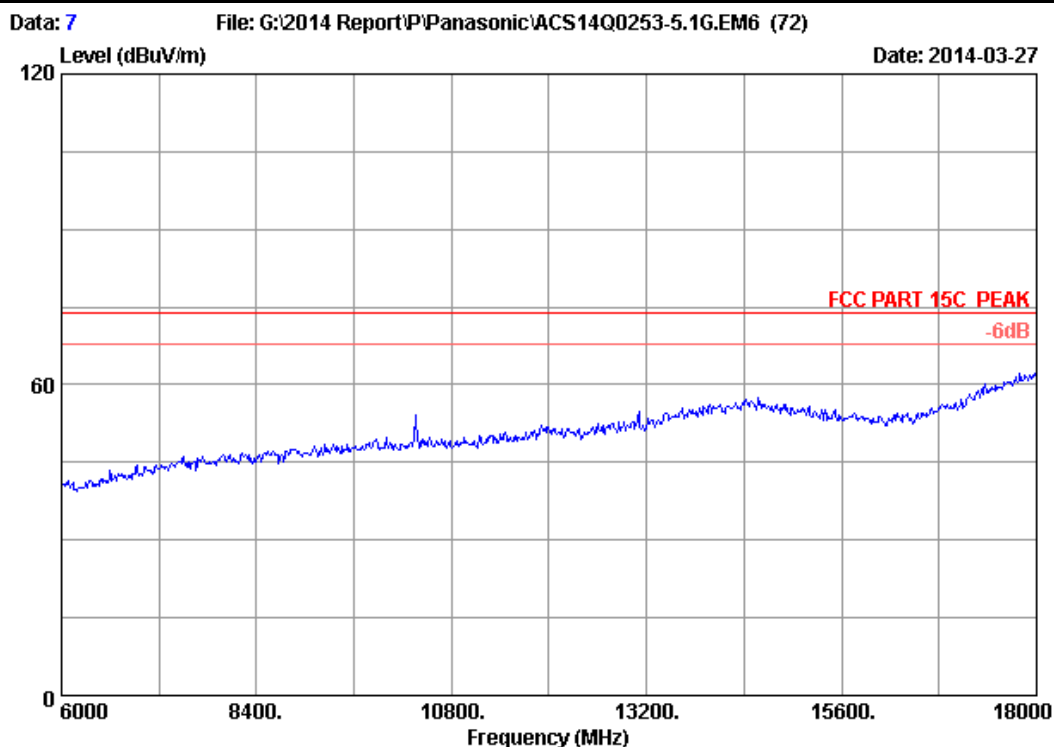


Site no. : 3m Chamber Data no. : 2
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5180MHz Tx
 M/N : SC-ALL3

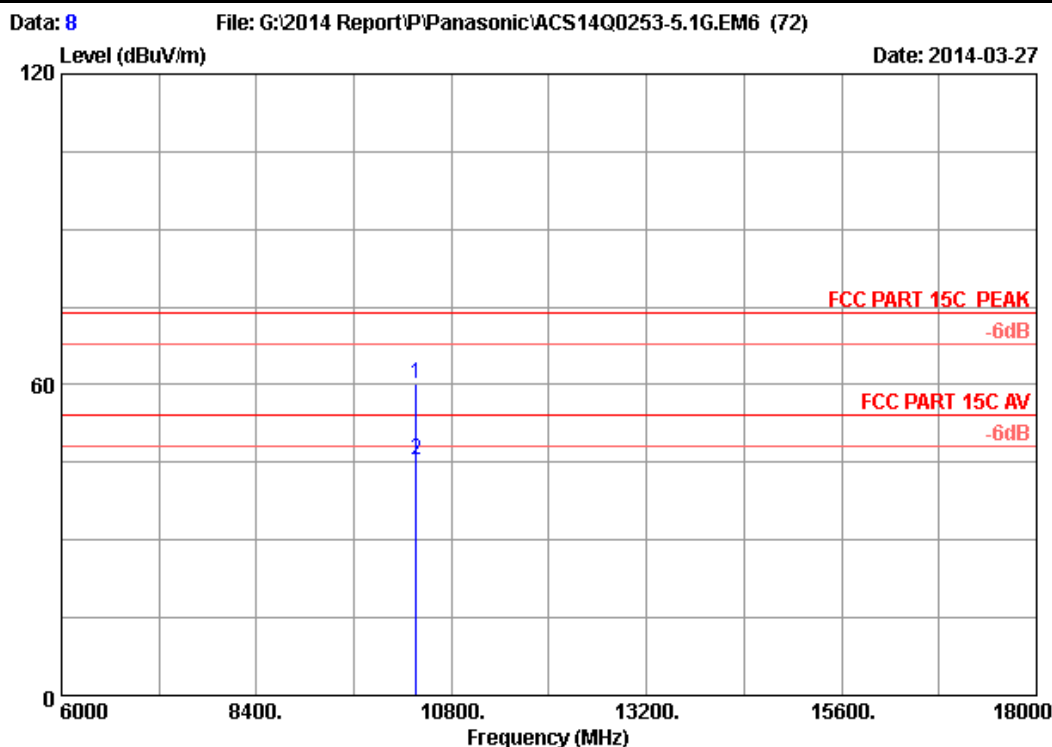
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5180.000	33.49	8.95	35.70	91.20	97.94	74.00	-23.94	Peak

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.



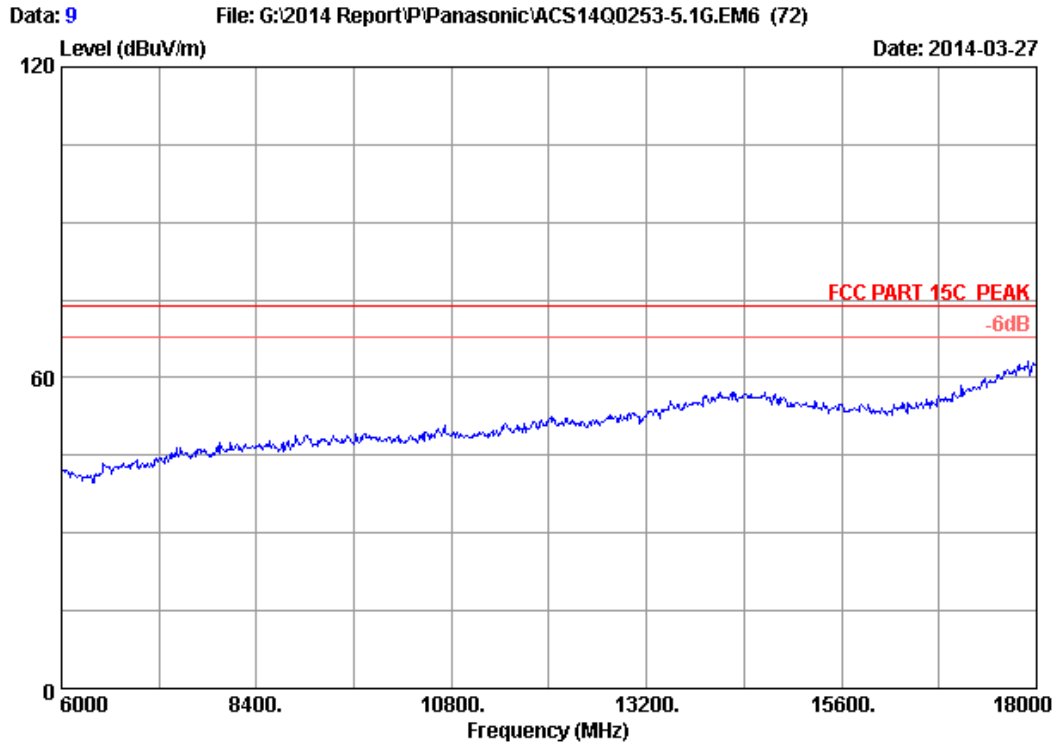
Site no.	: 3m Chamber	Data no.	: 7
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11a 5180MHz Tx		
M/N	: SC-ALL3		



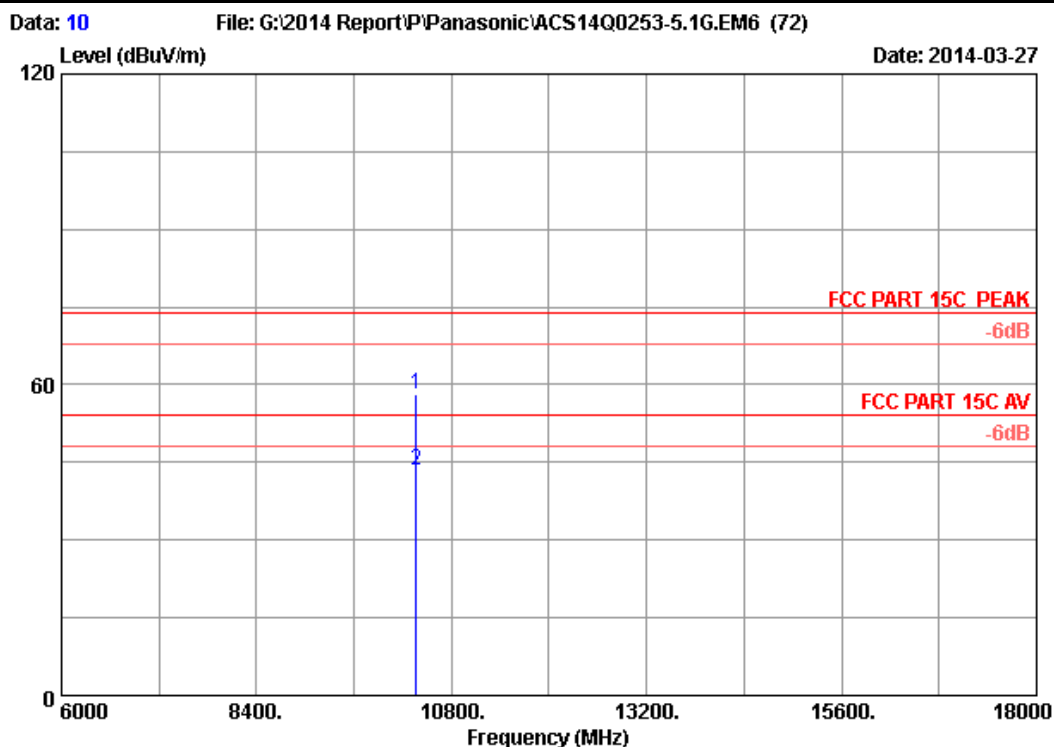
Site no. : 3m Chamber Data no. : 8
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24°C/56% Engineer : Leo-Li
EUT : Wireless Speaker System
Power Rating : AC 120V/60Hz
Test Mode : IEEE802.11a 5180MHz Tx
M/N : SC-ALL3

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	10360.000	38.14	12.64	35.45	44.84	60.17	74.00	13.83	Peak
2	10360.000	38.14	12.64	35.45	30.14	45.47	54.00	8.53	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.



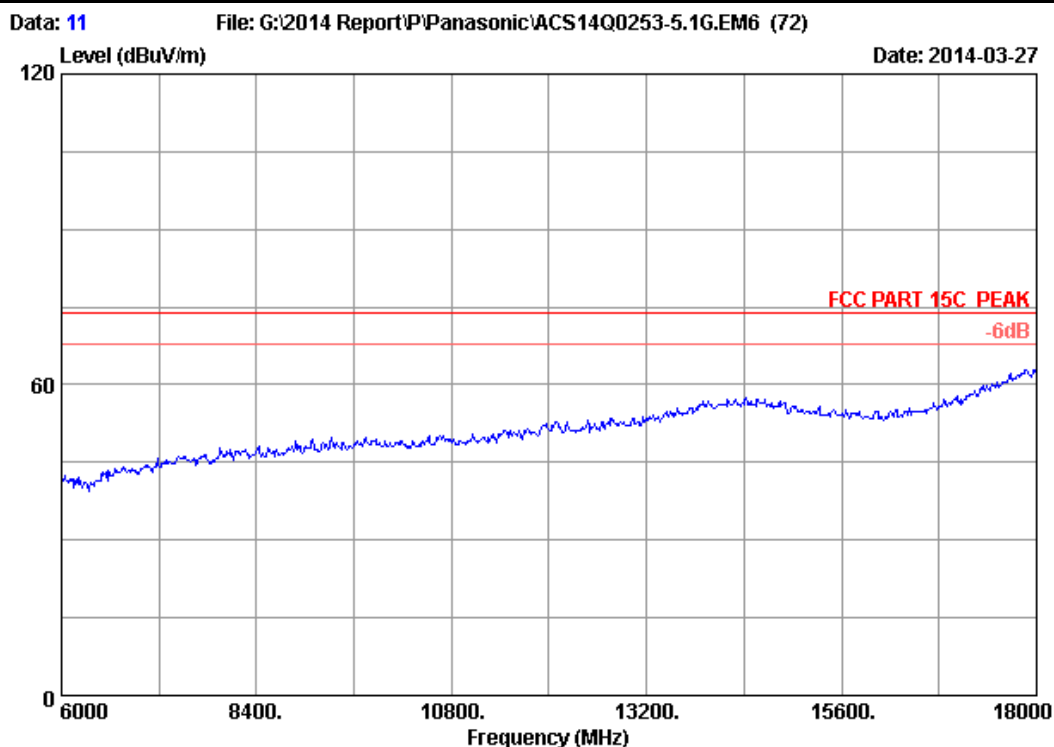
Site no.	: 3m Chamber	Data no.	: 9
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11a 5180MHz Tx		
M/N	: SC-ALL3		



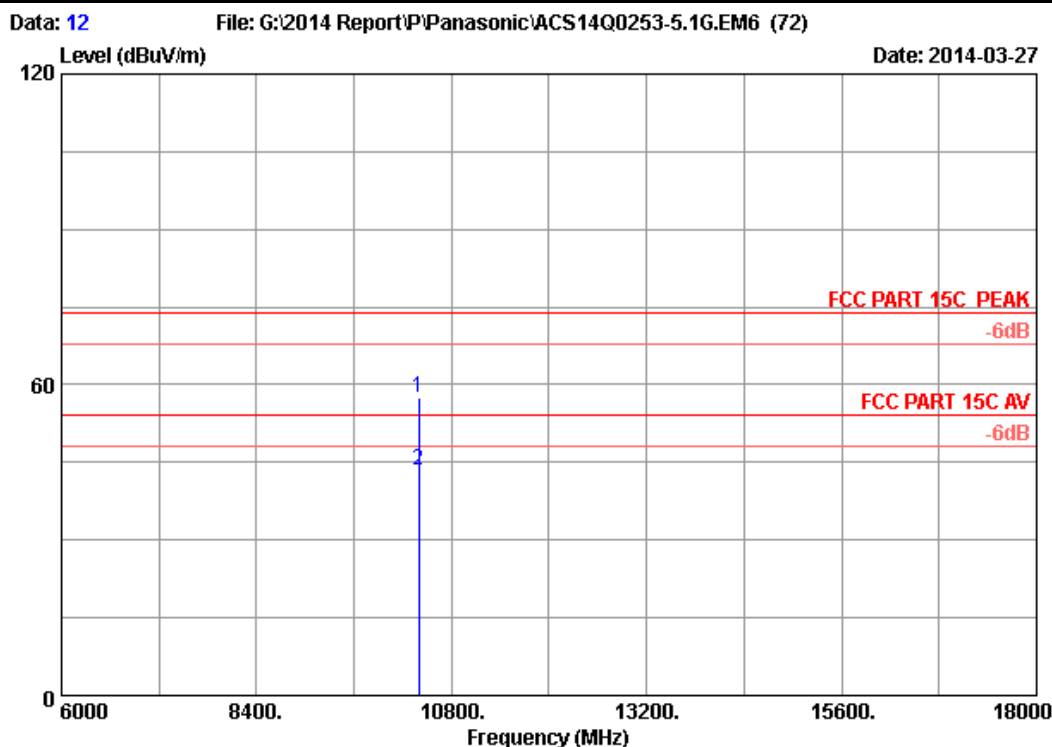
Site no. : 3m Chamber Data no. : 10
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24°C/56% Engineer : Leo-Li
EUT : Wireless Speaker System
Power Rating : AC 120V/60Hz
Test Mode : IEEE802.11a 5180MHz Tx
M/N : SC-ALL3

No.	Freq. (MHz)	Ant.	Cable	AMP	Emission				
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10360.000	38.14	12.64	35.45	42.93	58.26	74.00	15.74	Peak
2	10360.000	38.14	12.64	35.45	28.07	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.



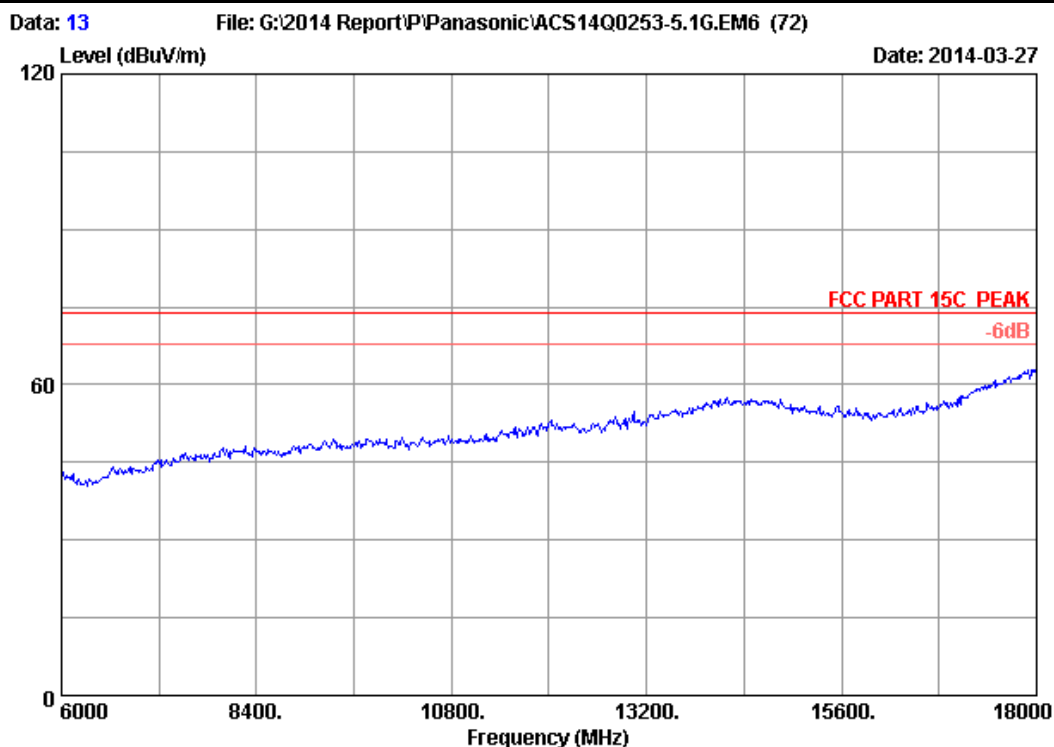
Site no.	: 3m Chamber	Data no.	: 11
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11a 5200MHz Tx		
M/N	: SC-ALL3		



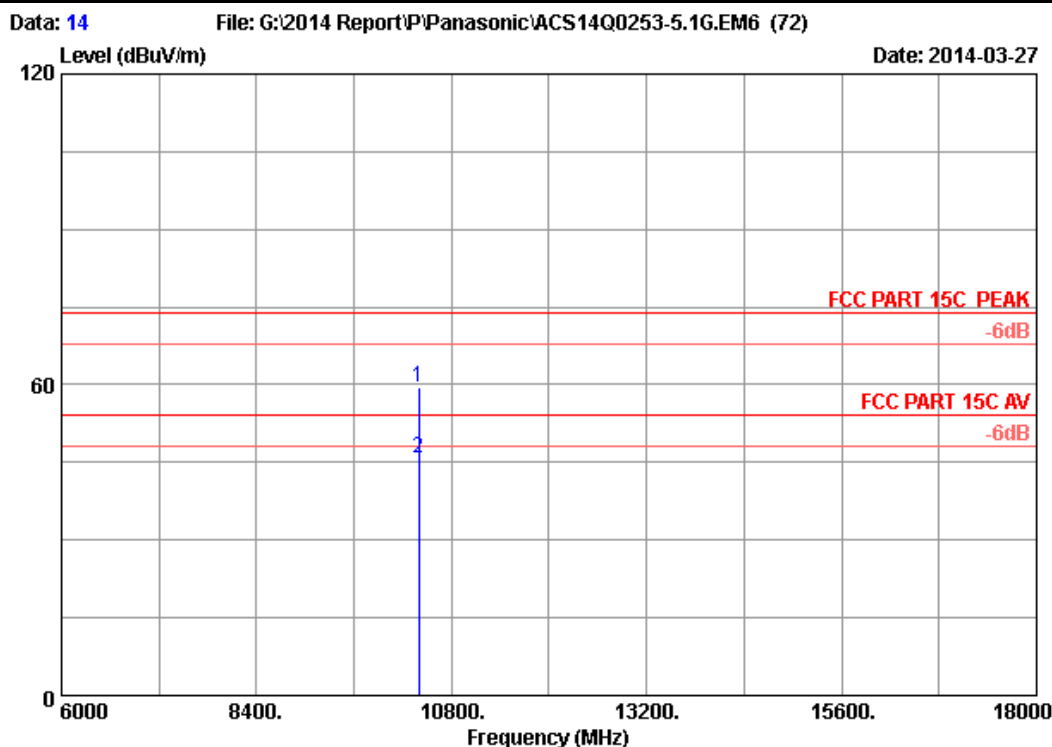
Site no. : 3m Chamber Data no. : 12
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5200MHz Tx
 M/N : SC-ALL3

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	10400.000	38.16	12.66	35.44	42.20	57.58	74.00	16.42	Peak
2	10400.000	38.16	12.66	35.44	28.14	43.52	54.00	10.48	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.



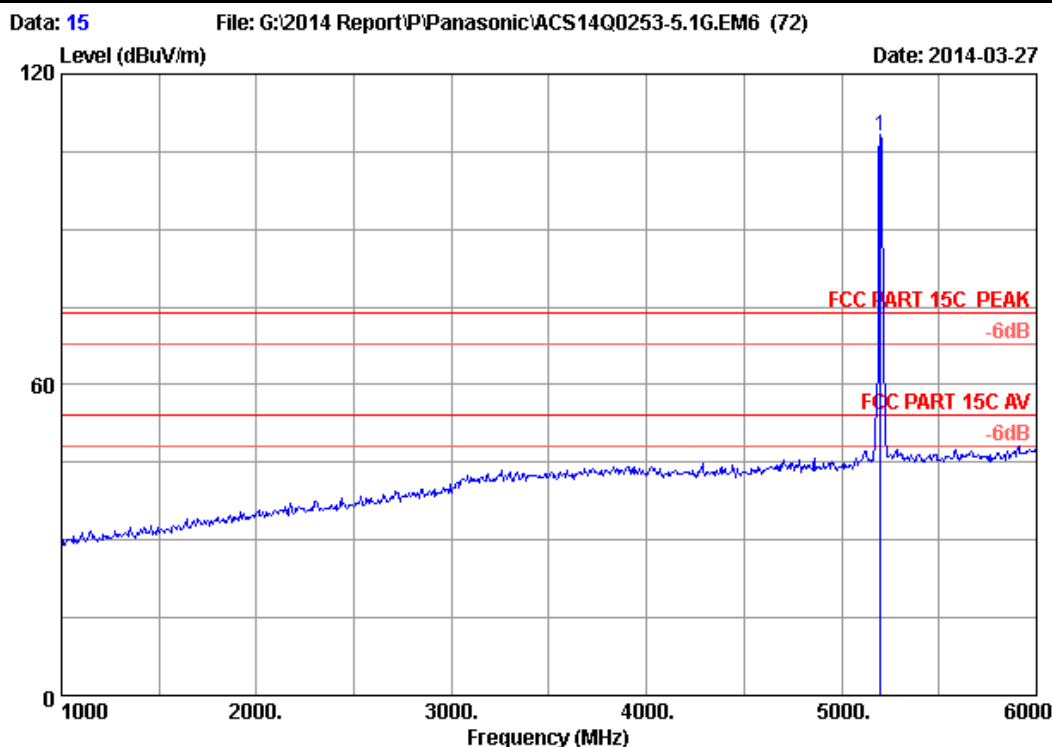
Site no.	: 3m Chamber	Data no.	: 13
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11a 5200MHz Tx		
M/N	: SC-ALL3		



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 5200MHz 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	10400.000	38.16	12.66	35.44	44.27	59.65	74.00	14.35	Peak
2	10400.000	38.16	12.66	35.44	30.41	45.79	54.00	8.21	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.

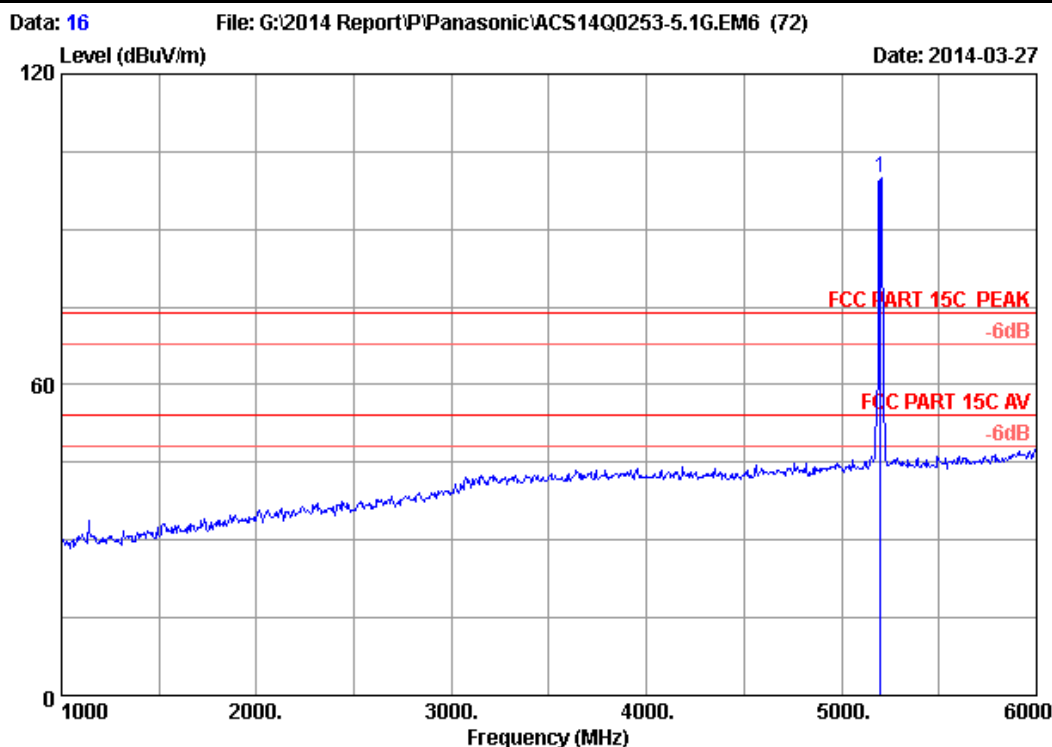


Site no. : 3m Chamber Data no. : 15
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5200MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant.	Cable	AMP	Emission				Margin	Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)			
1	5200.000	33.52	8.97	35.70	101.17	107.96	74.00	-33.96	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.

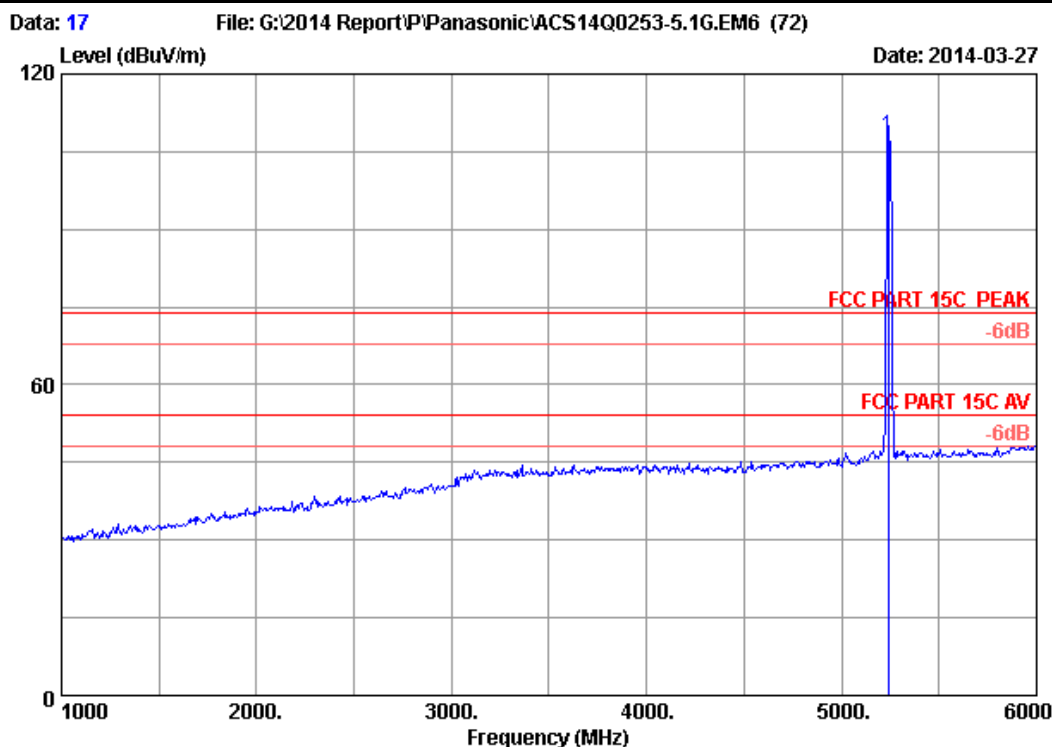


Site no. : 3m Chamber Data no. : 16
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5200MHz Tx
 M/N : SC-ALL3

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	5200.000	33.52	8.97	35.70	93.27	100.06	74.00	-26.06	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.

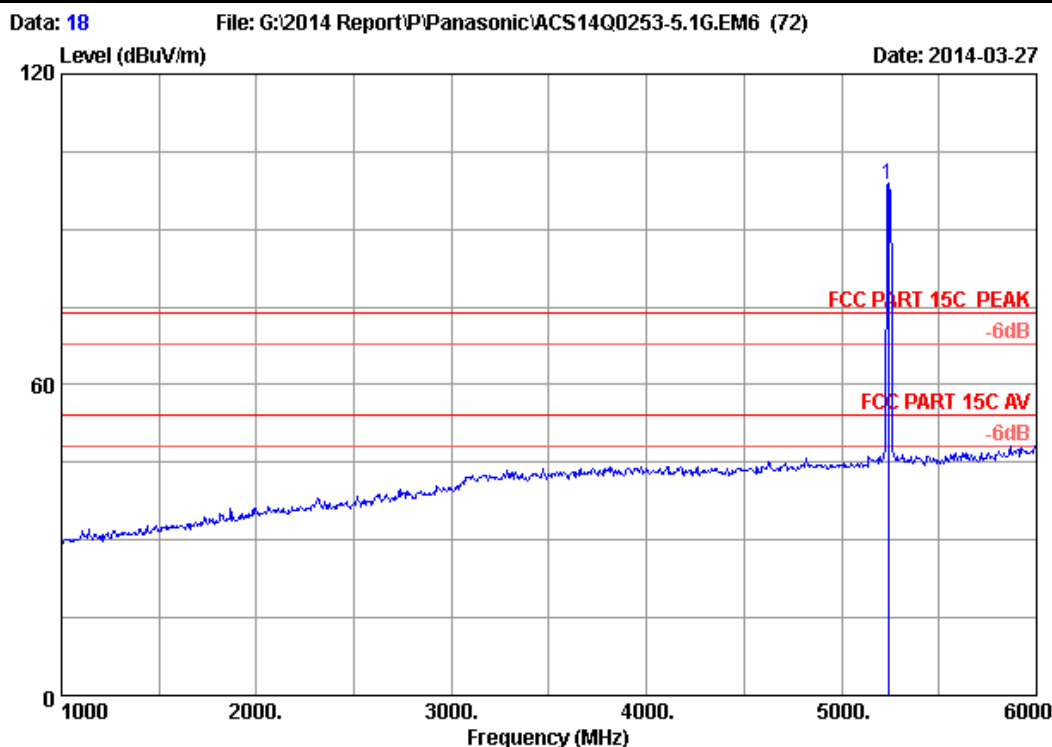


Site no. : 3m Chamber Data no. : 17
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5240MHz Tx
 M/N : SC-ALL3

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	5240.000	33.58	9.02	35.70	100.91	107.81	74.00	-33.81	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.

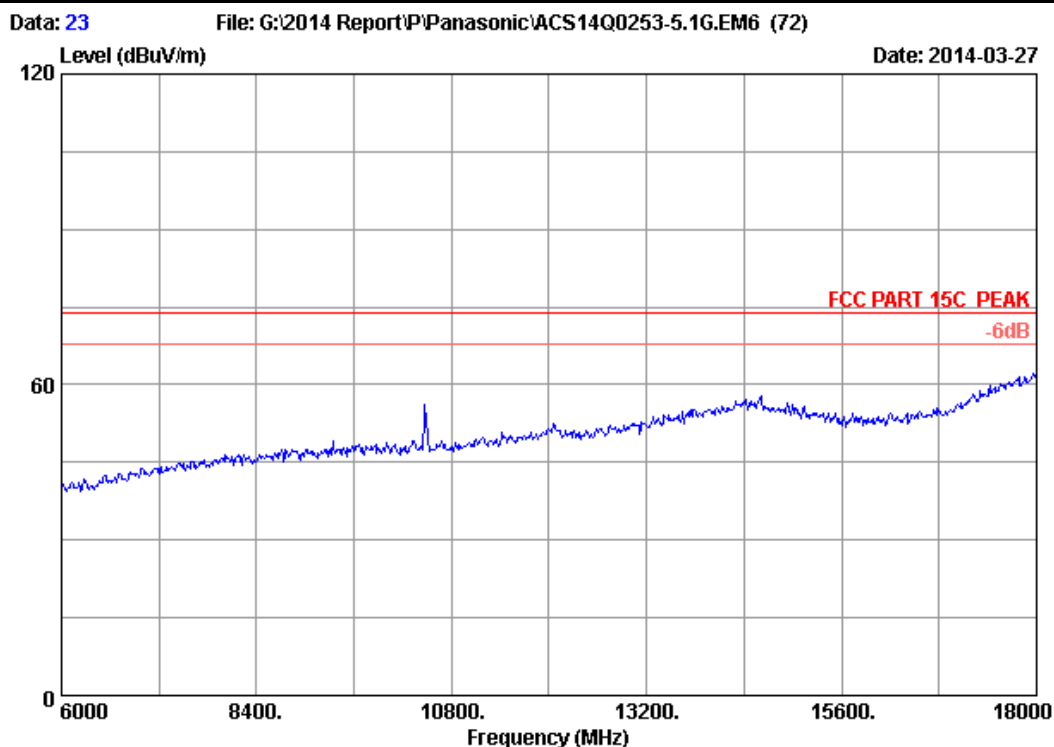


Site no. : 3m Chamber Data no. : 18
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5240MHz Tx
 M/N : SC-ALL3

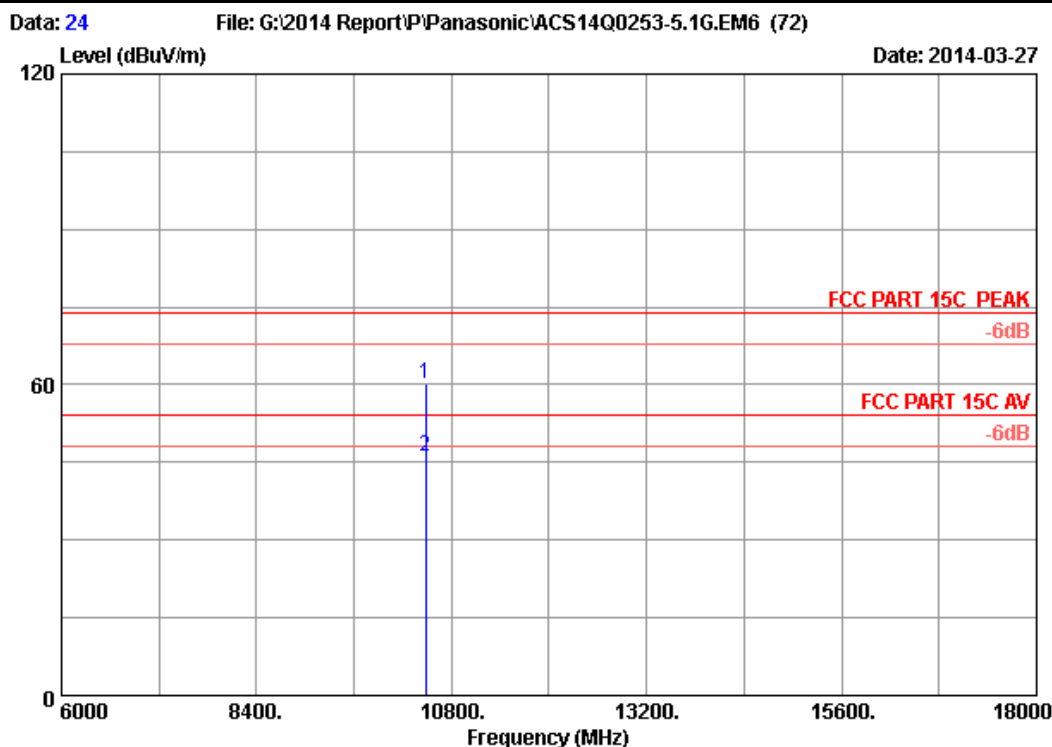
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5240.000	33.58	9.02	35.70	91.84	98.74	74.00	-24.74	Peak

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.



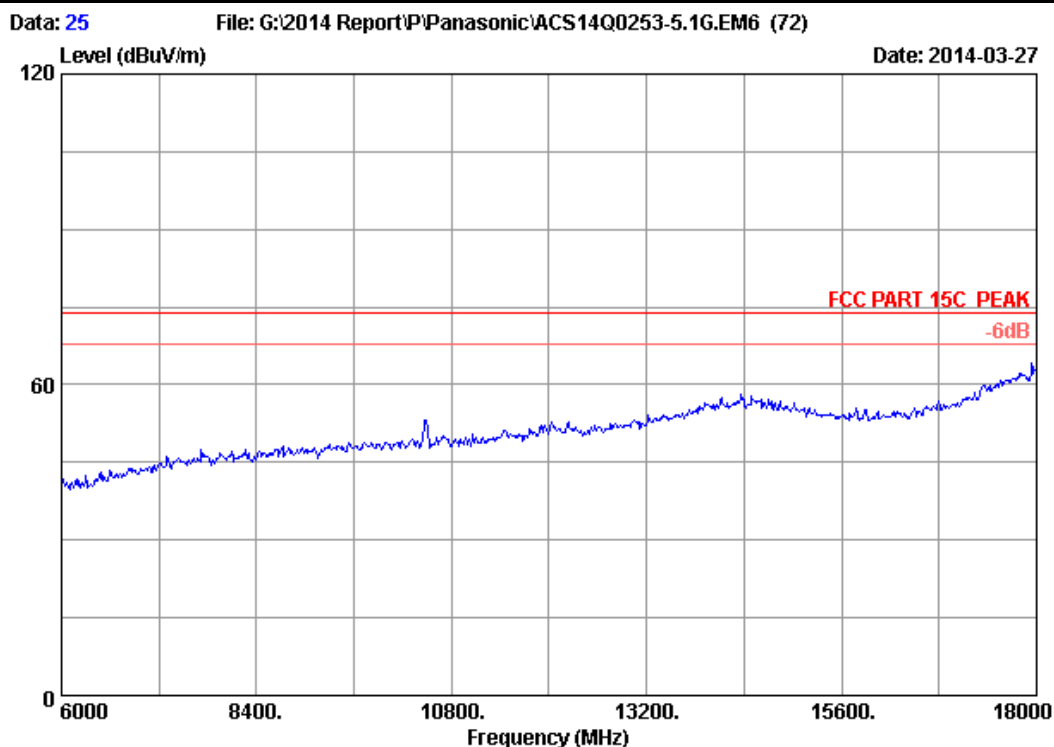
Site no.	: 3m Chamber	Data no.	: 23
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11a 5240MHz Tx		
M/N	: SC-ALL3		



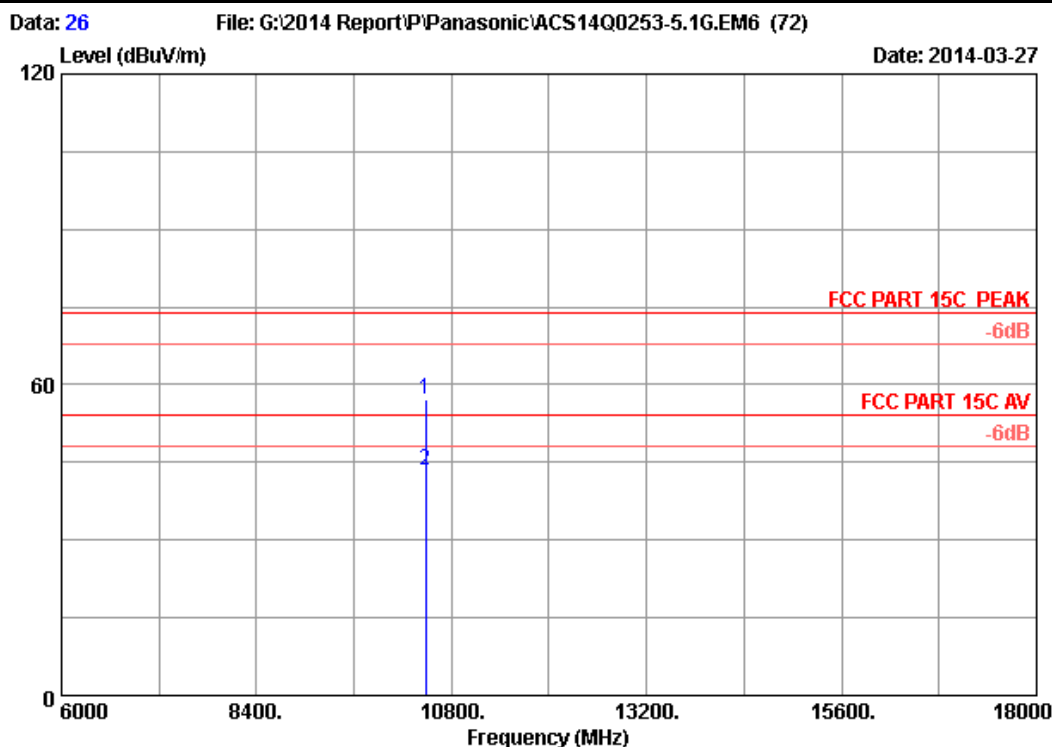
Site no. : 3m Chamber Data no. : 24
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5240MHz Tx
 M/N : SC-ALL3

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	10480.000	38.19	12.70	35.43	44.58	60.04	74.00	13.96	Peak
2	10480.000	38.19	12.70	35.43	30.69	46.15	54.00	7.85	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.



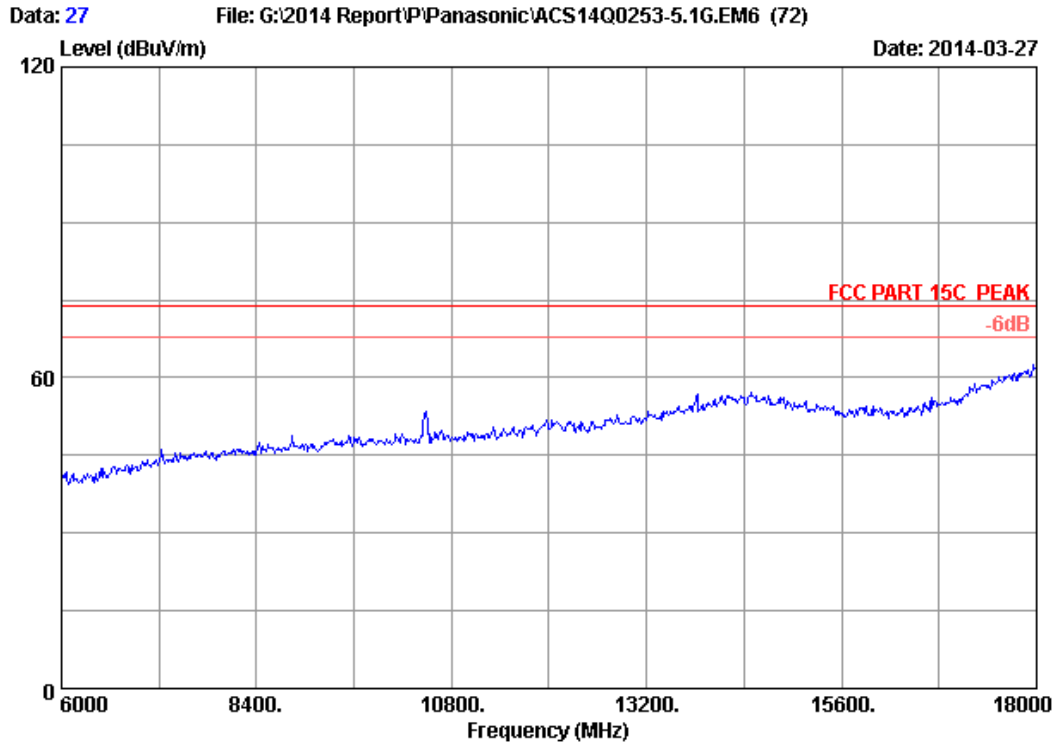
Site no.	: 3m Chamber	Data no.	: 25
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11a 5240MHz Tx		
M/N	: SC-ALL3		



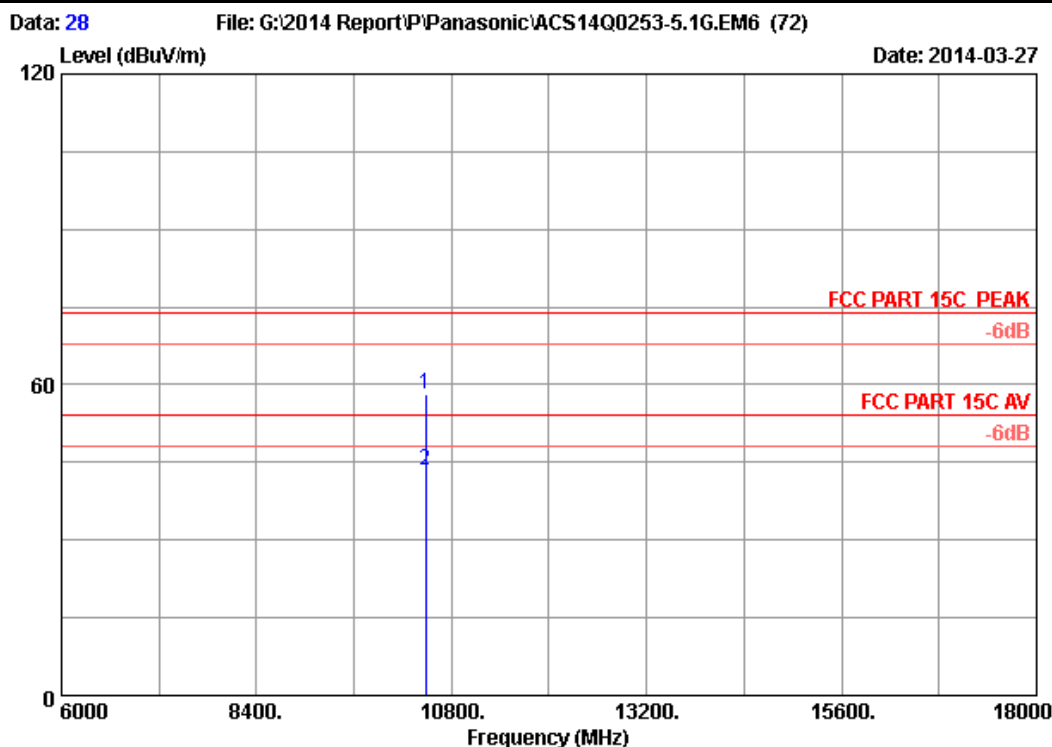
Site no. : 3m Chamber Data no. : 26
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24°C/56% Engineer : Leo-Li
EUT : Wireless Speaker System
Power Rating : AC 120V/60Hz
Test Mode : IEEE802.11a 5240MHz Tx
M/N : SC-ALL3

No.	Freq. (MHz)	Ant.	Cable	AMP	Emission				
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10480.000	38.19	12.70	35.43	41.86	57.32	74.00	16.68	Peak
2	10480.000	38.19	12.70	35.43	27.98	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.



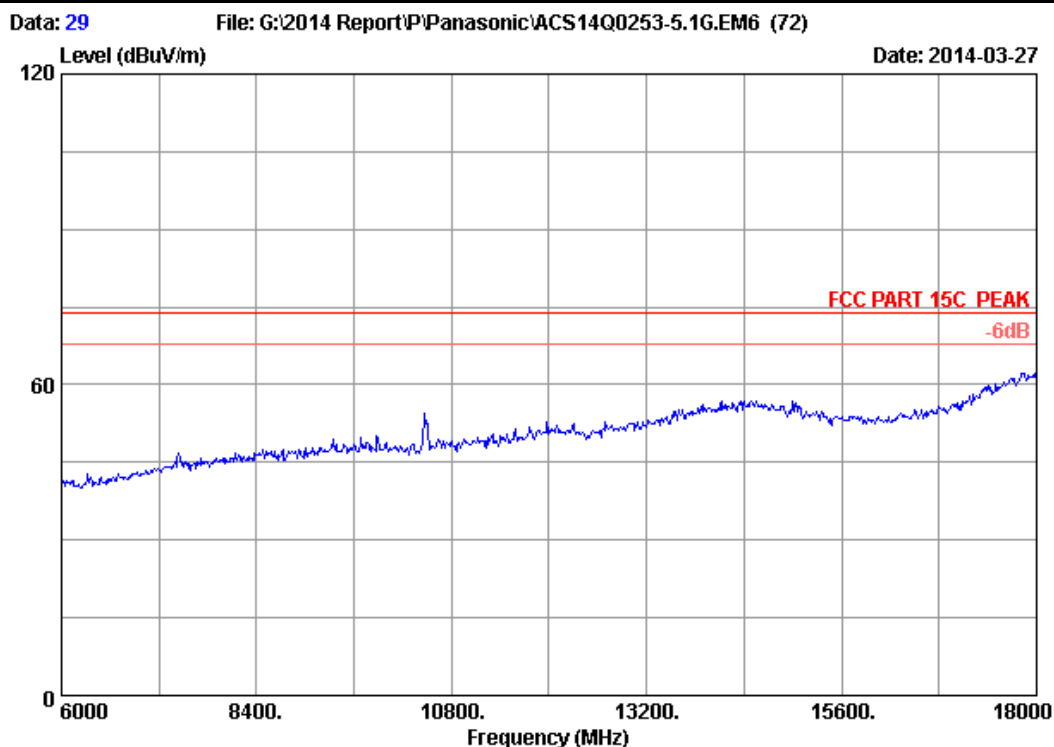
Site no.	: 3m Chamber	Data no.	: 27
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT20 5240MHz Tx		
M/N	: SC-ALL3		



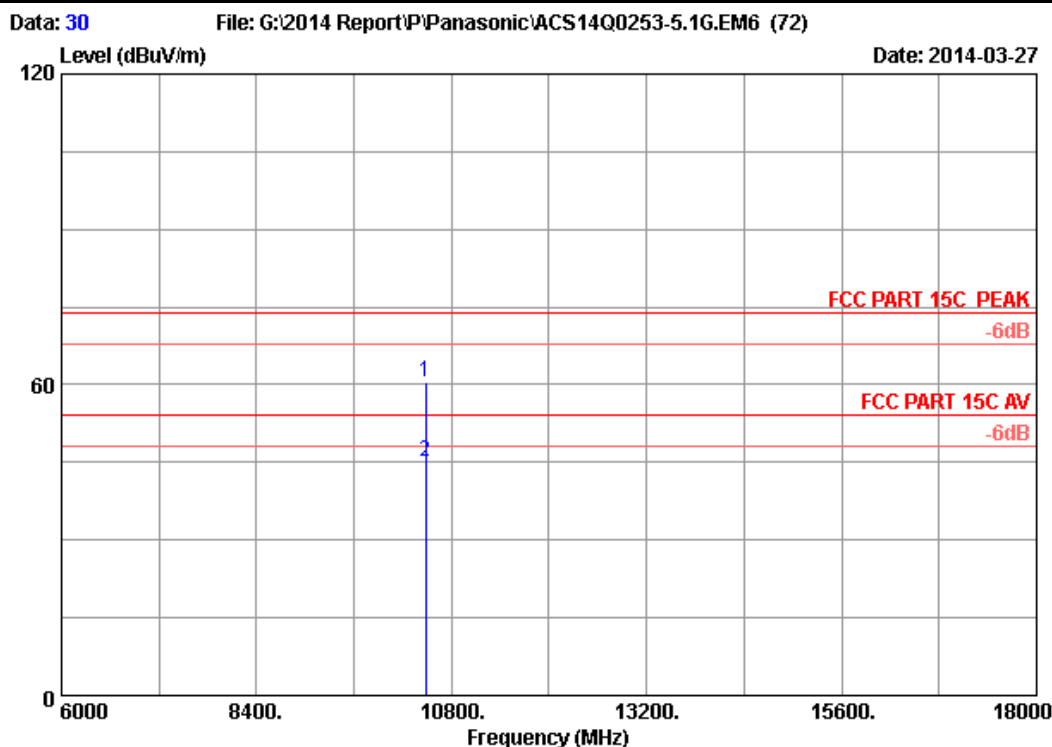
Site no. : 3m Chamber Data no. : 28
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5240MHz Tx
 M/N : SC-ALL3

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	10480.000	38.19	12.70	35.43	42.86	58.32	74.00	15.68	Peak
2	10480.000	38.19	12.70	35.43	27.93	43.39	54.00	10.61	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.



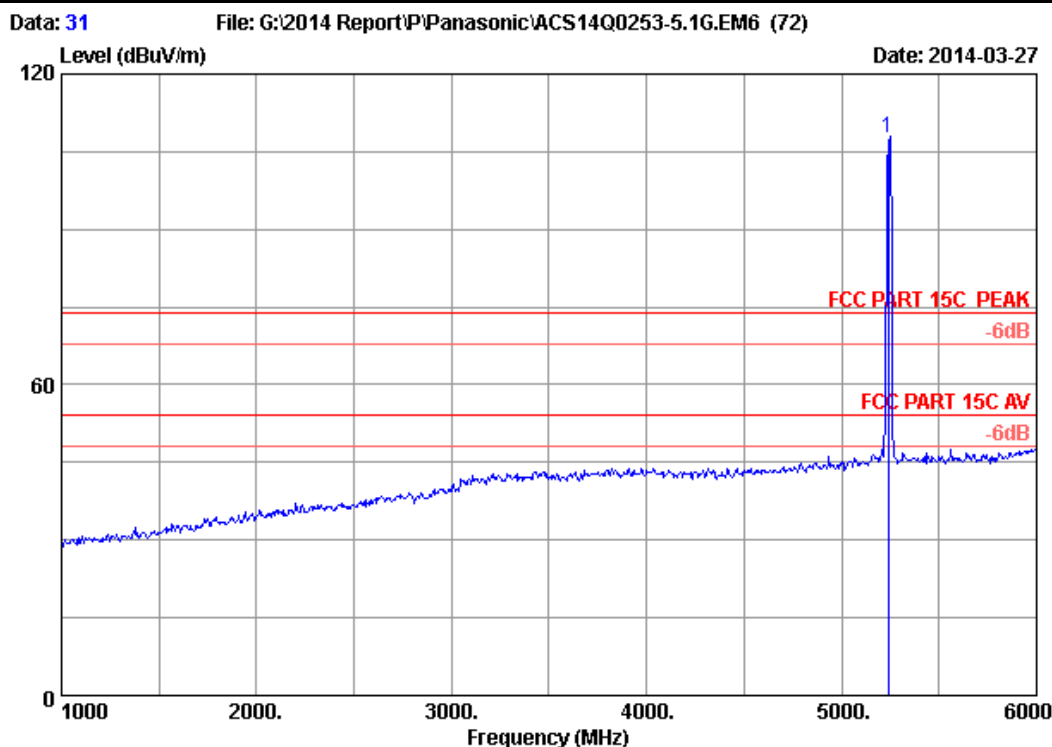
Site no.	: 3m Chamber	Data no.	: 29
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT20 5240MHz Tx		
M/N	: SC-ALL3		



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 5240MHz 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	10480.000	38.19	12.70	35.43	44.91	60.37	74.00	13.63	Peak
2	10480.000	38.19	12.70	35.43	29.59	45.05	54.00	8.95	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.

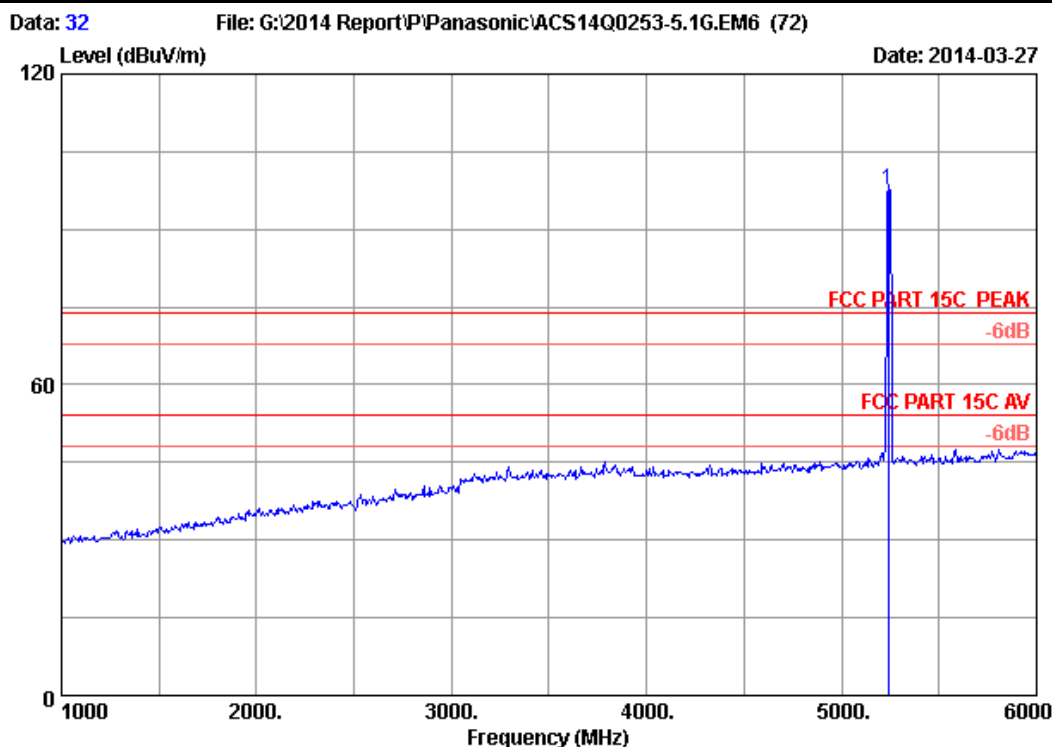


Site no. : 3m Chamber Data no. : 31
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5240MHz Tx
 M/N : SC-ALL3

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	5240.000	33.58	9.02	35.70	100.89	107.79	74.00	-33.79	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.

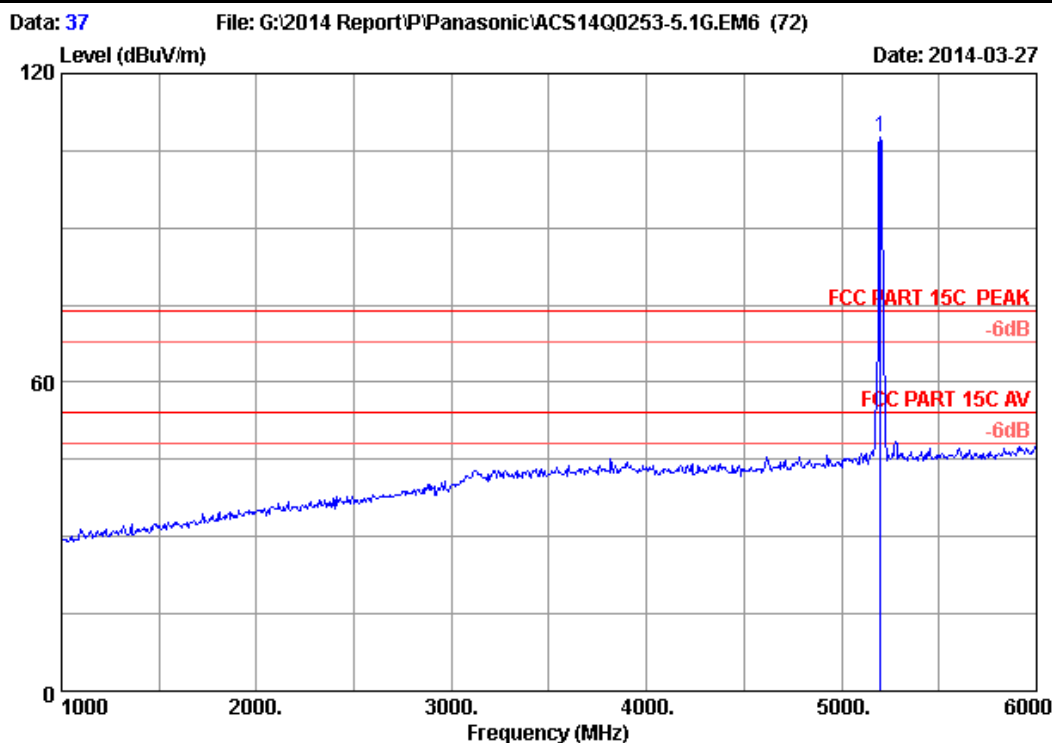


Site no. : 3m Chamber Data no. : 32
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5240MHz Tx
 M/N : SC-ALL3

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	5240.000	33.58	9.02	35.70	90.82	97.72	74.00	-23.72	Peak

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

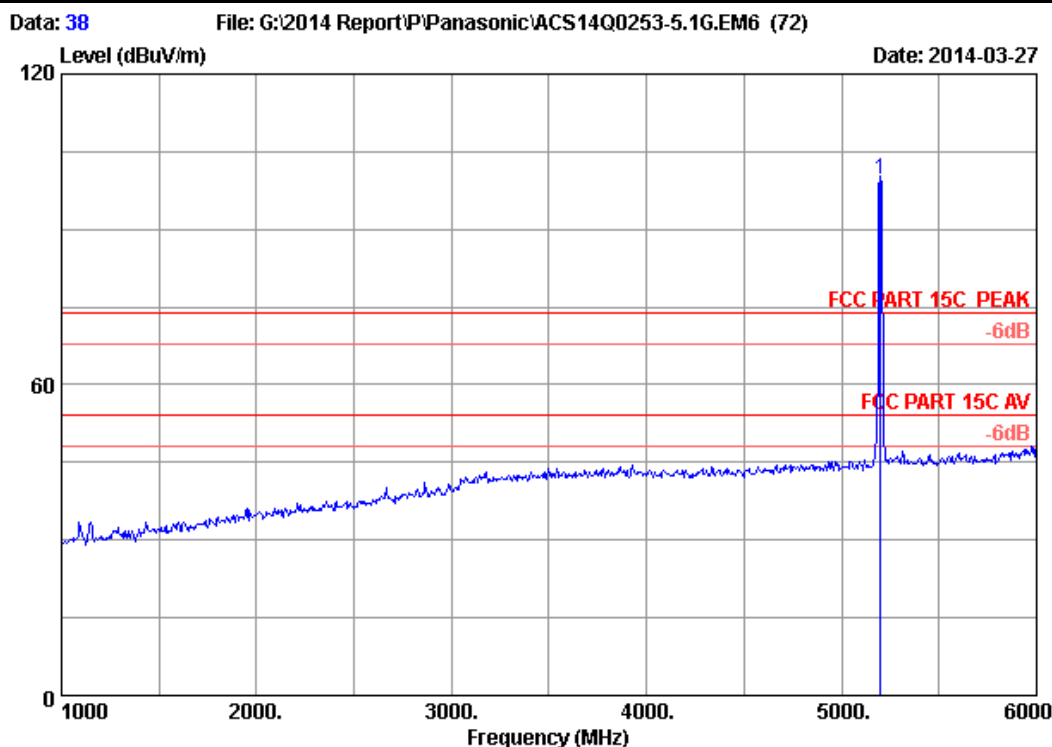
2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 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 5200MHz 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	5200.000	33.52	8.97	35.70	100.94	107.73	74.00	-33.73	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.

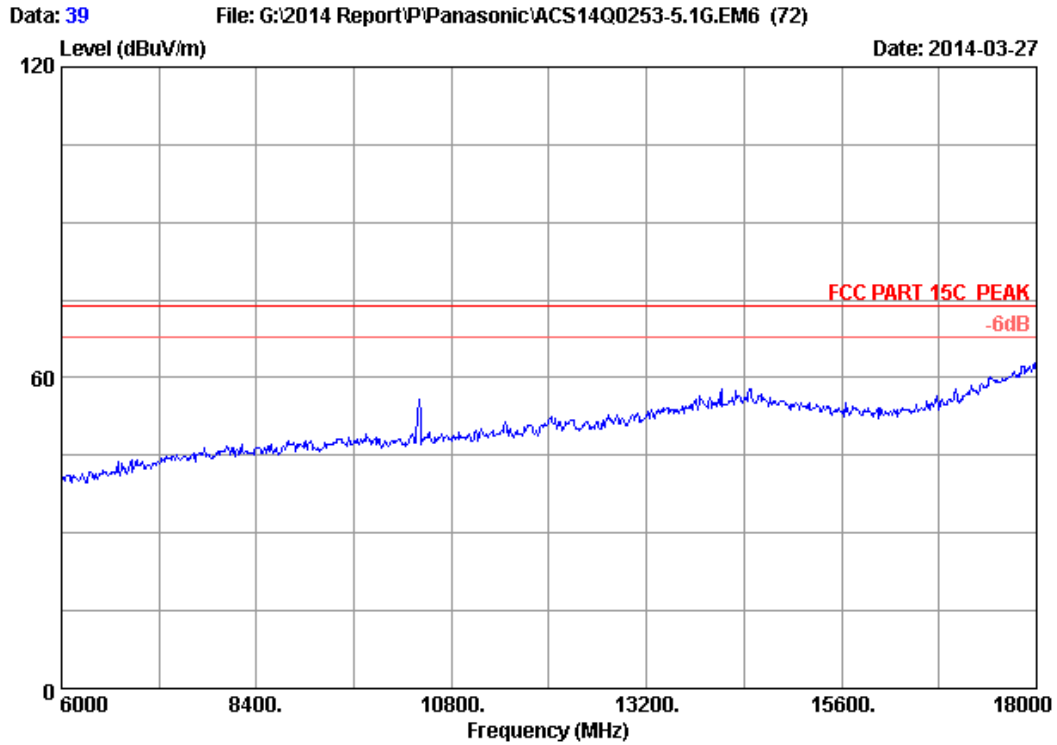


Site no. : 3m Chamber Data no. : 38
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5200MHz Tx
 M/N : SC-ALL3

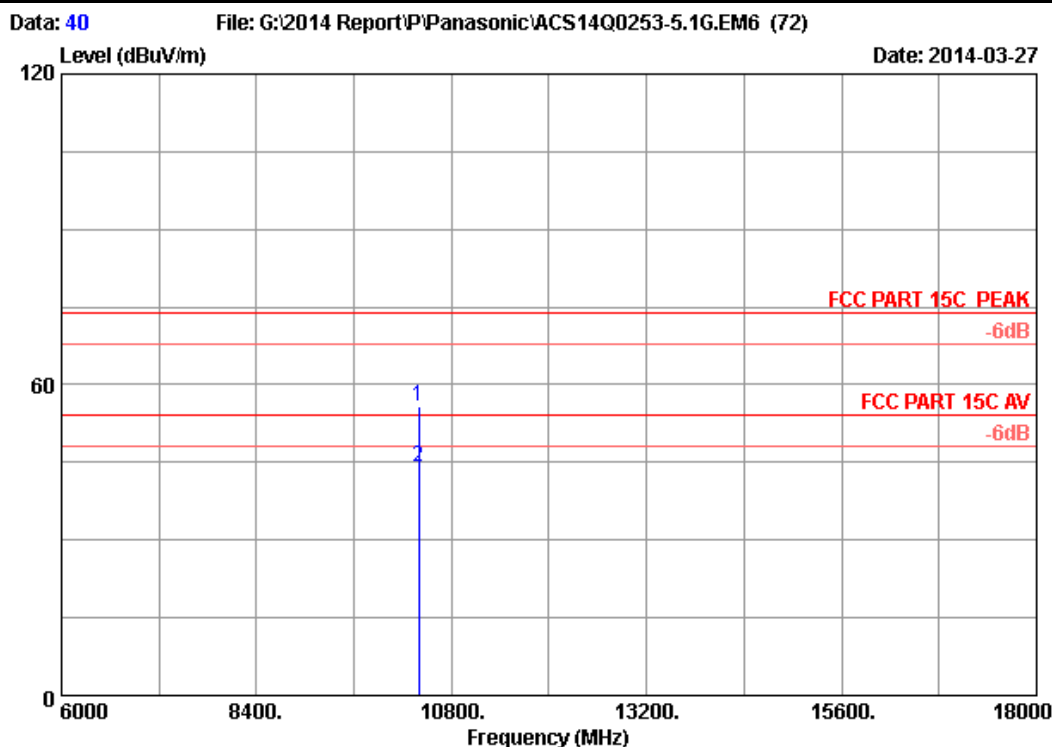
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5200.000	33.52	8.97	35.70	92.89	99.68	74.00	-25.68	Peak

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.



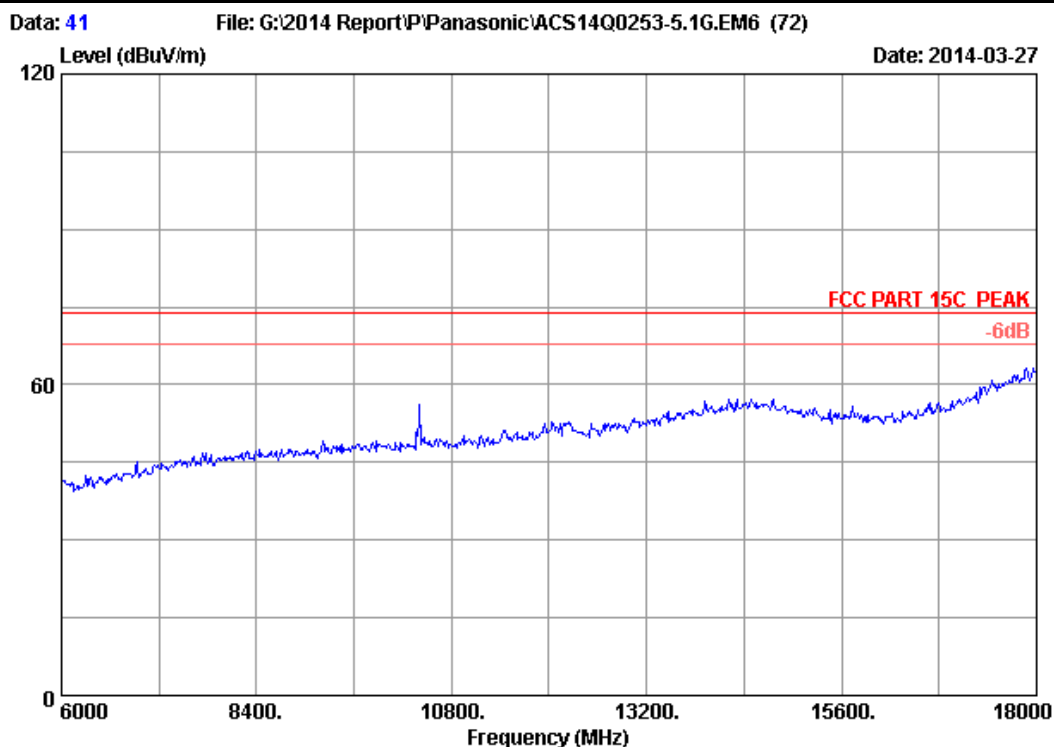
Site no.	: 3m Chamber	Data no.	: 39
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT20 5200MHz Tx		
M/N	: SC-ALL3		



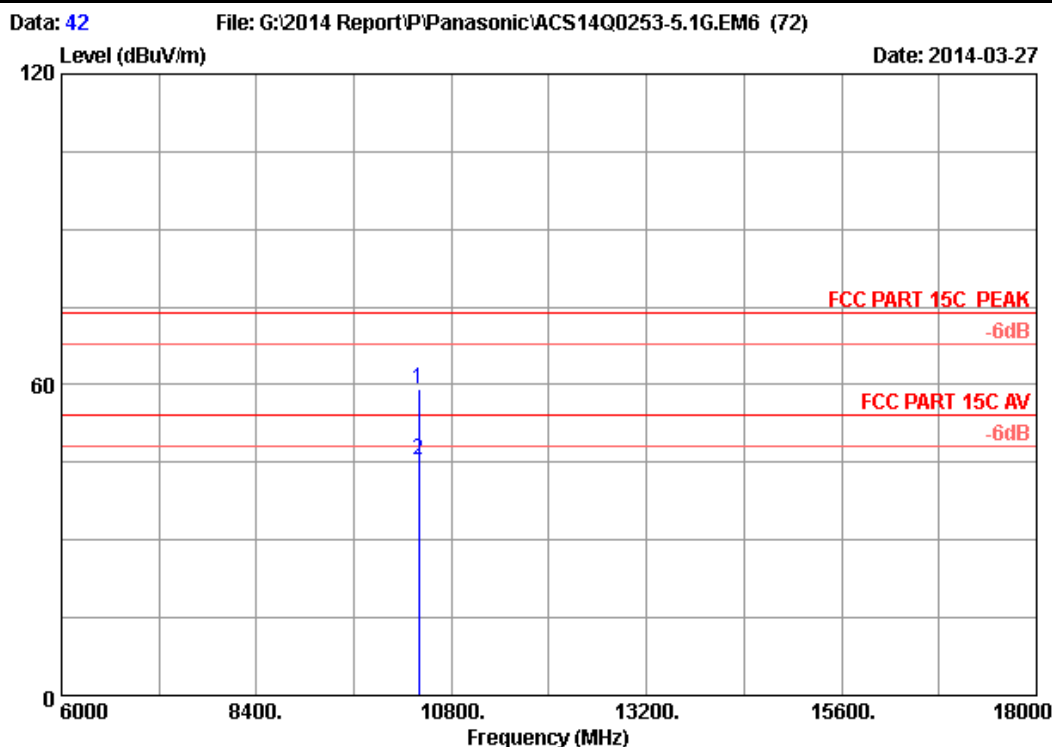
Site no. : 3m Chamber Data no. : 40
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5200MHz Tx
 M/N : SC-ALL3

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	10400.000	38.16	12.66	35.44	40.36	55.74	74.00	18.26	Peak
2	10400.000	38.16	12.66	35.44	28.58	43.96	54.00	10.04	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.



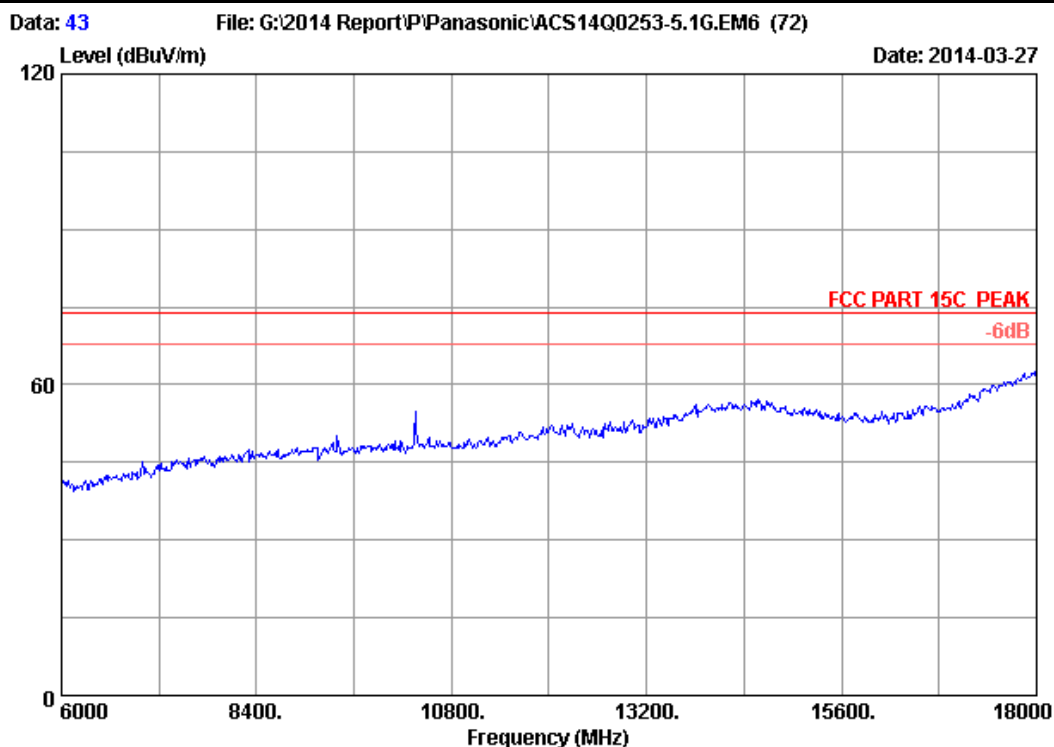
Site no.	: 3m Chamber	Data no.	: 41
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT20 5200MHz Tx		
M/N	: SC-ALL3		



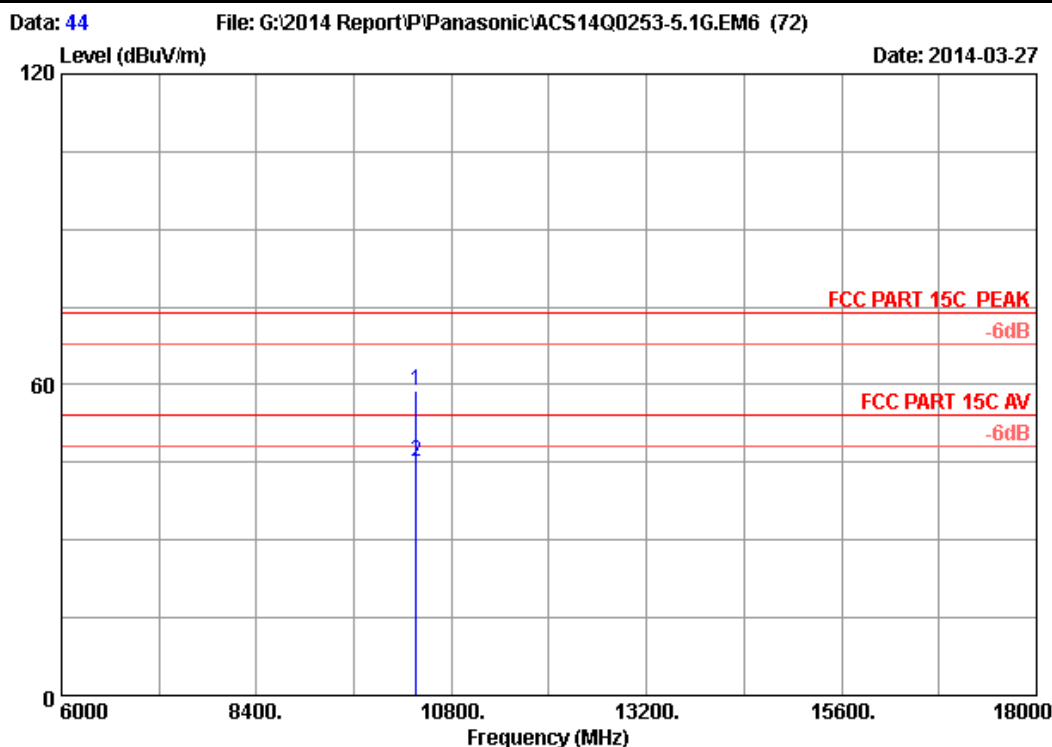
Site no. : 3m Chamber Data no. : 42
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5200MHz Tx
 M/N : SC-ALL3

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	10400.000	38.16	12.66	35.44	43.78	59.16	74.00	14.84	Peak
2	10400.000	38.16	12.66	35.44	30.16	45.54	54.00	8.46	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.



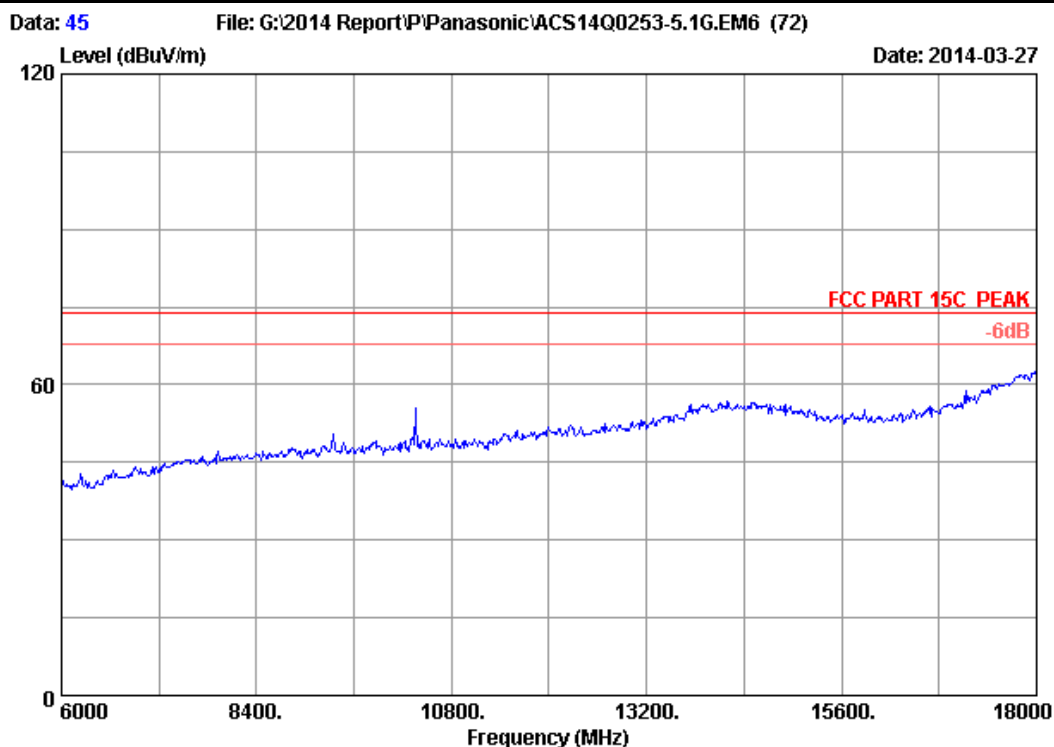
Site no.	: 3m Chamber	Data no.	: 43
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT20 5180MHz Tx		
M/N	: SC-ALL3		



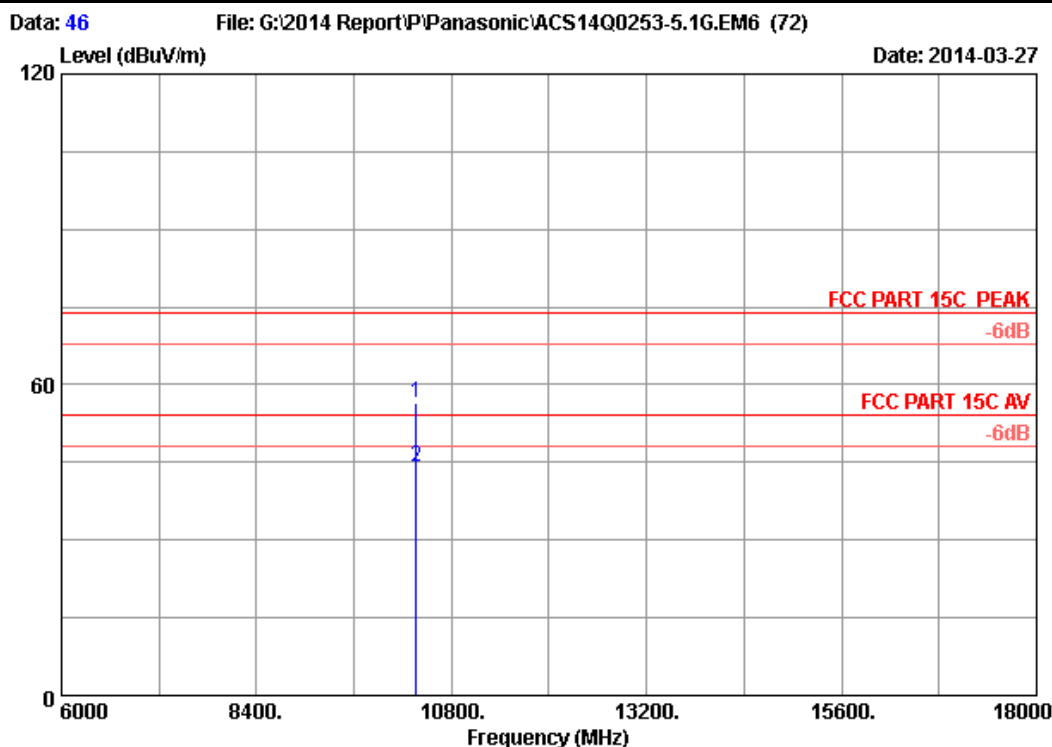
Site no. : 3m Chamber Data no. : 44
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5180MHz Tx
 M/N : SC-ALL3

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	10360.000	38.14	12.64	35.45	43.47	58.80	74.00	15.20	Peak
2	10360.000	38.14	12.64	35.45	29.87	45.20	54.00	8.80	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.



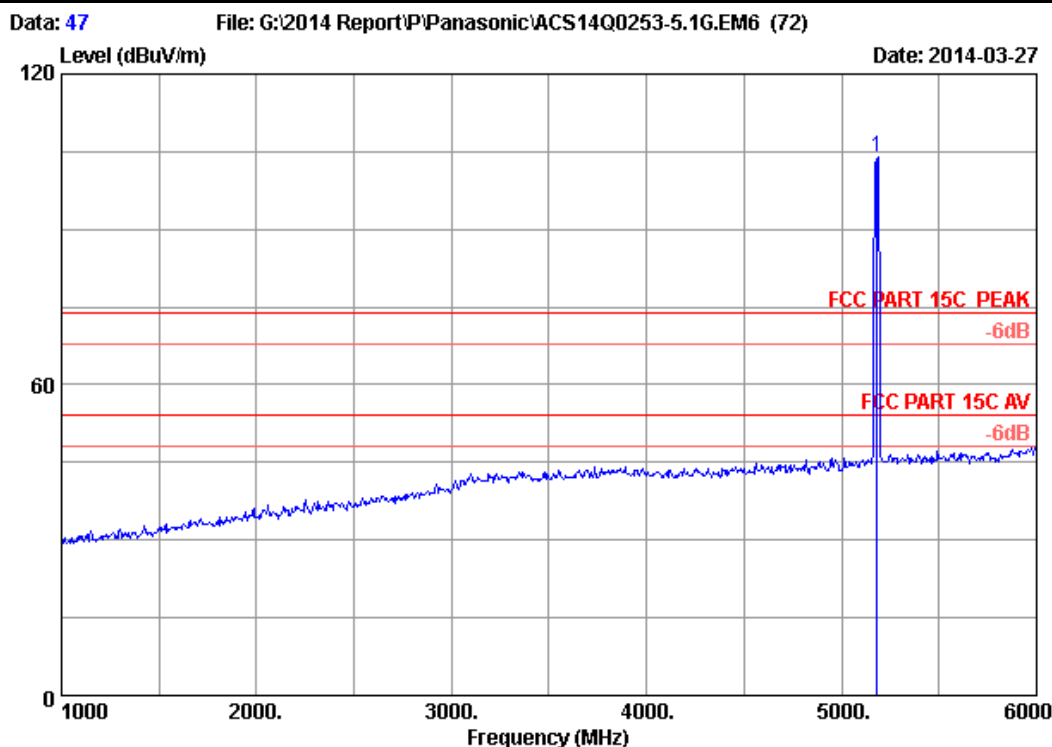
Site no.	: 3m Chamber	Data no.	: 45
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT20 5180MHz Tx		
M/N	: SC-ALL3		



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 5180MHz 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	10360.000	38.14	12.64	35.45	41.19	56.52	74.00	17.48	Peak
2	10360.000	38.14	12.64	35.45	28.92	44.25	54.00	9.75	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.

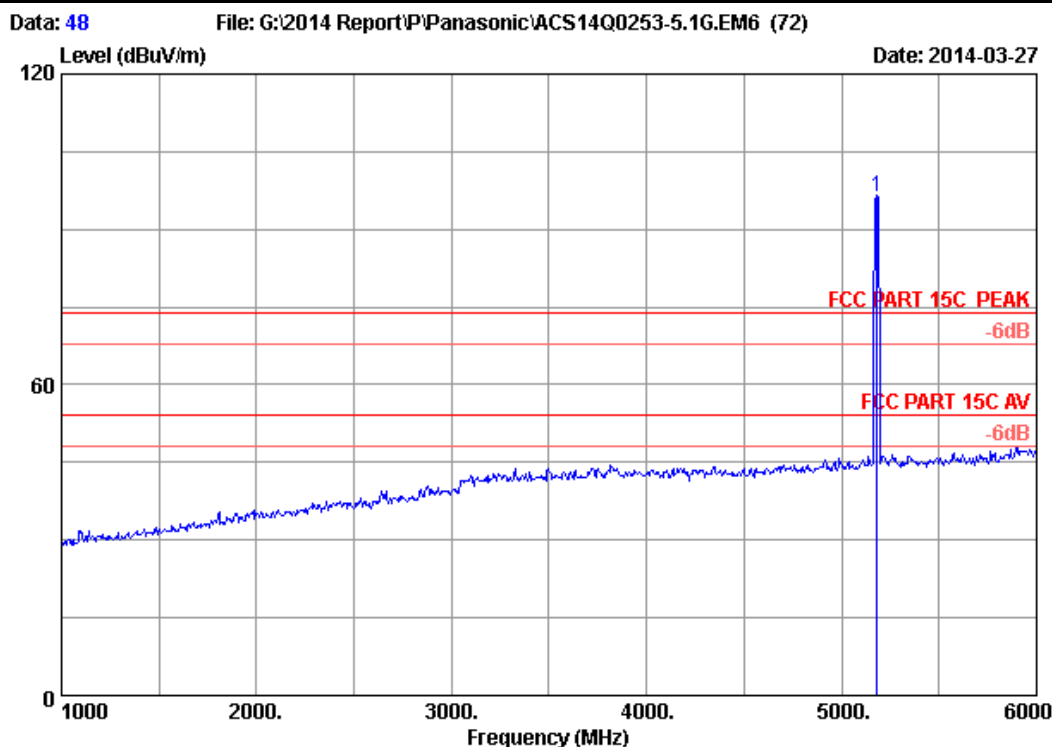


Site no. : 3m Chamber Data no. : 47
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5180MHz Tx
 M/N : SC-ALL3

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	5180.000	33.49	8.95	35.70	97.31	104.05	74.00	-30.05	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.

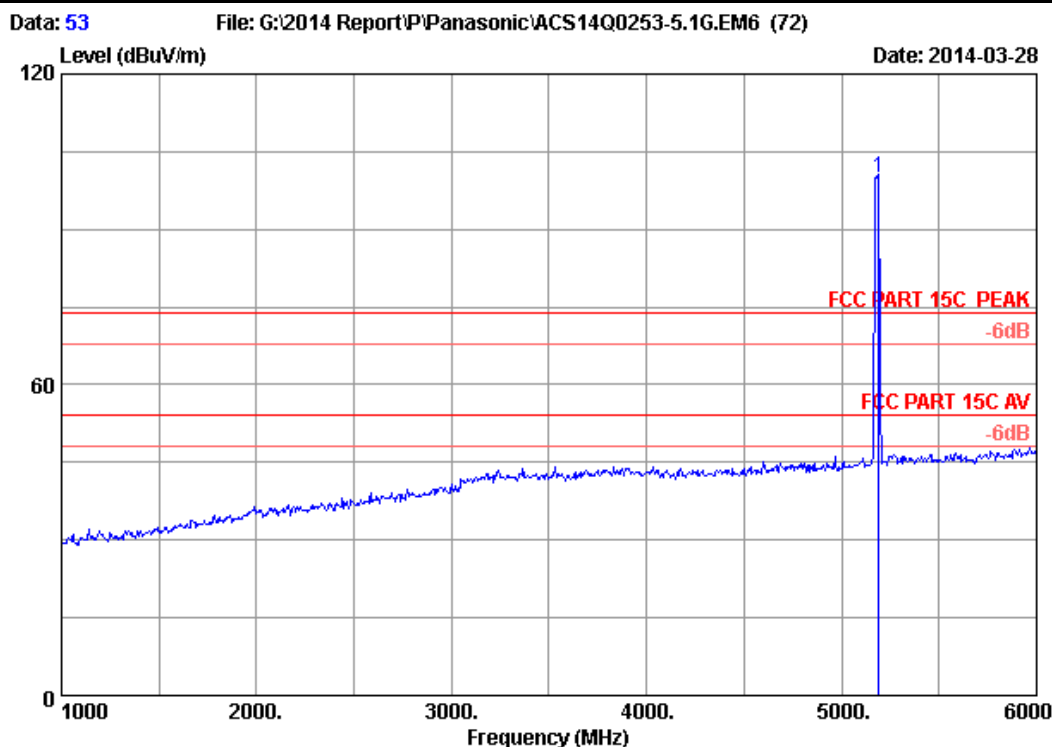


Site no. : 3m Chamber Data no. : 48
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5180MHz Tx
 M/N : SC-ALL3

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	5180.000	33.49	8.95	35.70	89.66	96.40	74.00	-22.40	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.

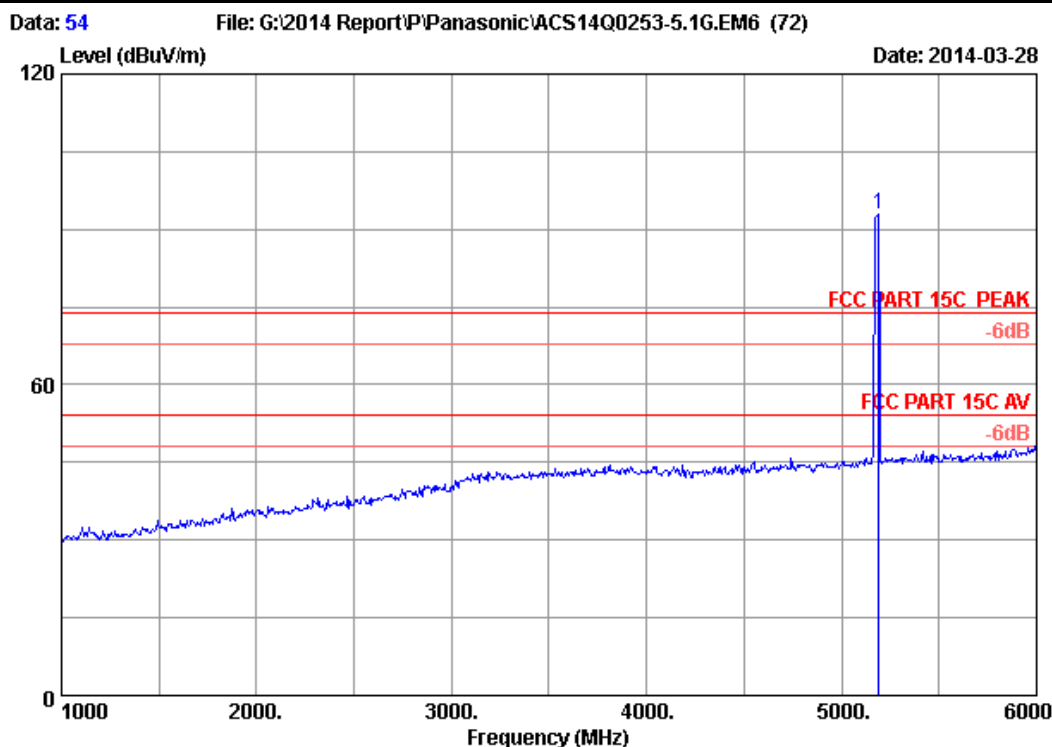


Site no. : 3m Chamber Data no. : 53
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 5190MHz Tx
 M/N : SC-ALL3

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	5190.000	33.50	8.96	35.70	93.06	99.82	74.00	-25.82	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.

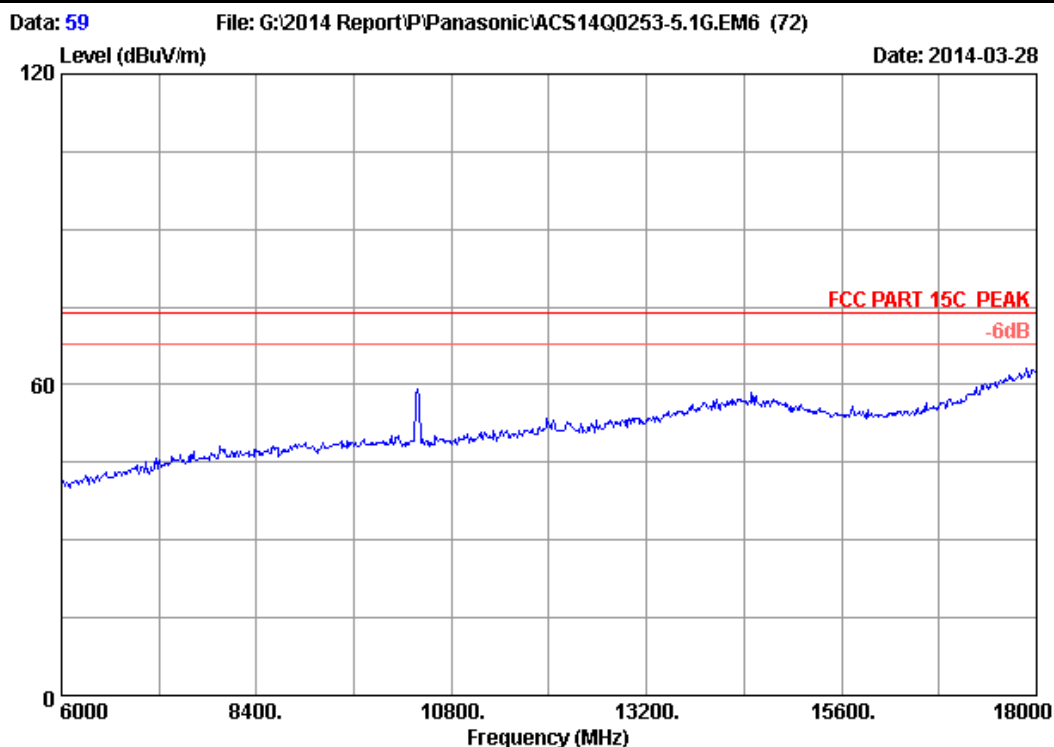


Site no. : 3m Chamber Data no. : 54
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 5190MHz Tx
 M/N : SC-ALL3

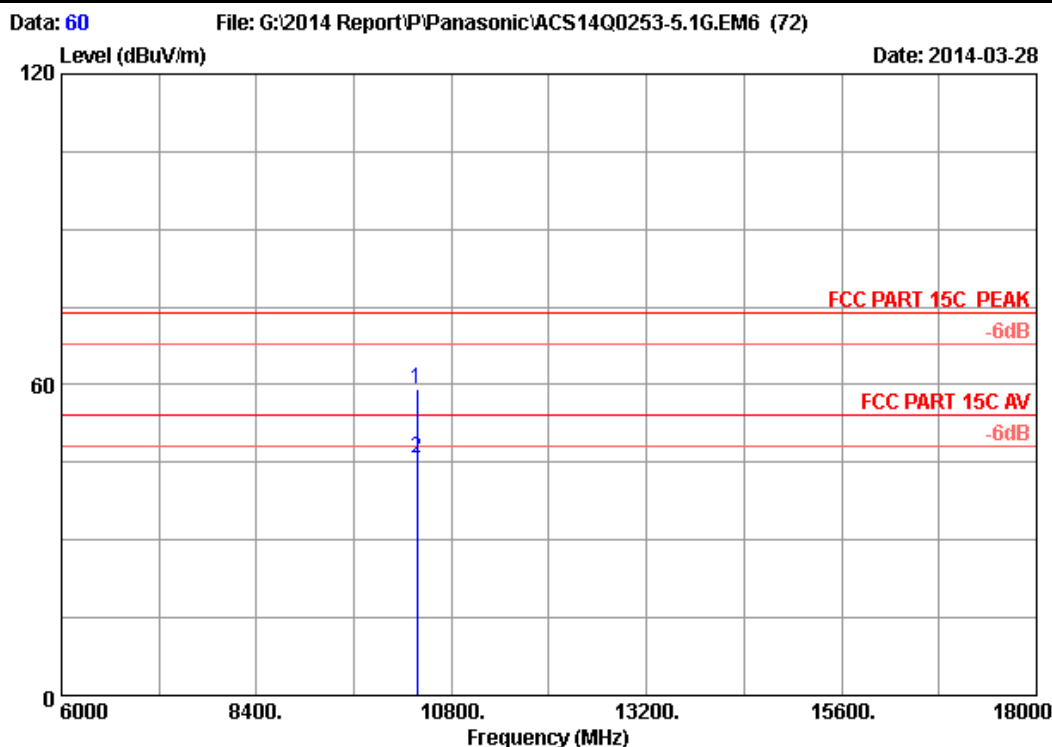
No.	Freq. (MHz)	Ant. Cable AMP			Reading (dBuV)	Emission		Margin	Remark
		Factor (dB/m)	Loss (dB)	factor (dB)		Level (dBuV/m)	Limits (dBuV/m)		
1	5190.000	33.50	8.96	35.70	86.09	92.85	74.00	-18.85	Peak

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.



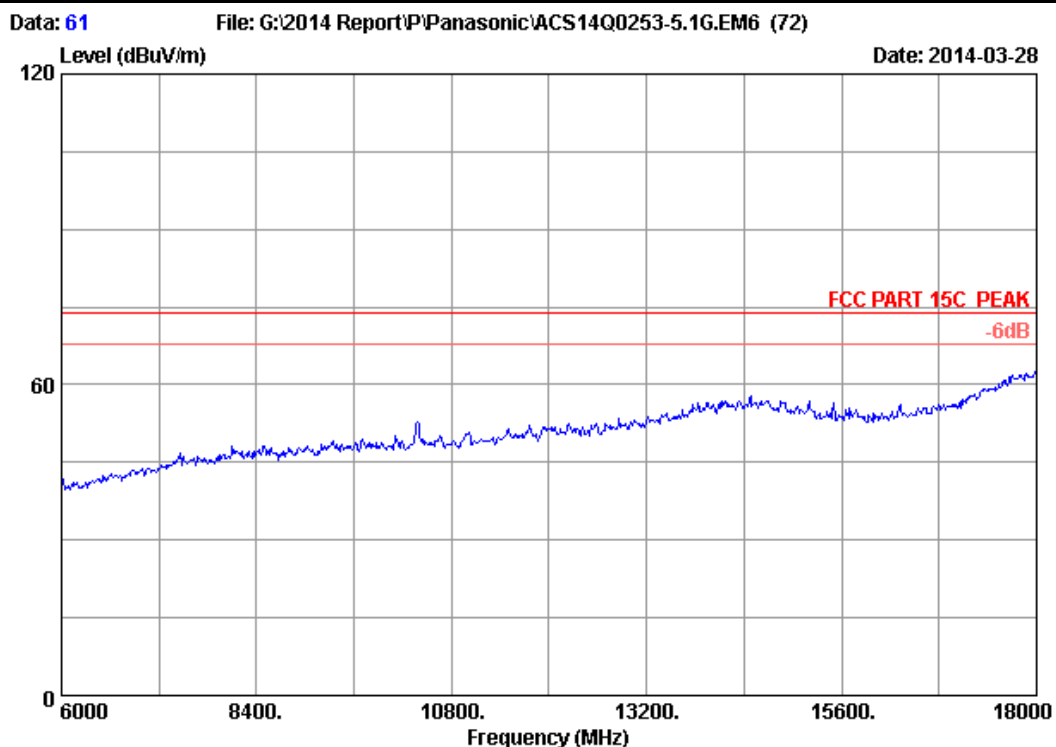
Site no.	: 3m Chamber	Data no.	: 59
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT40 5190MHz Tx		
M/N	: SC-ALL3		



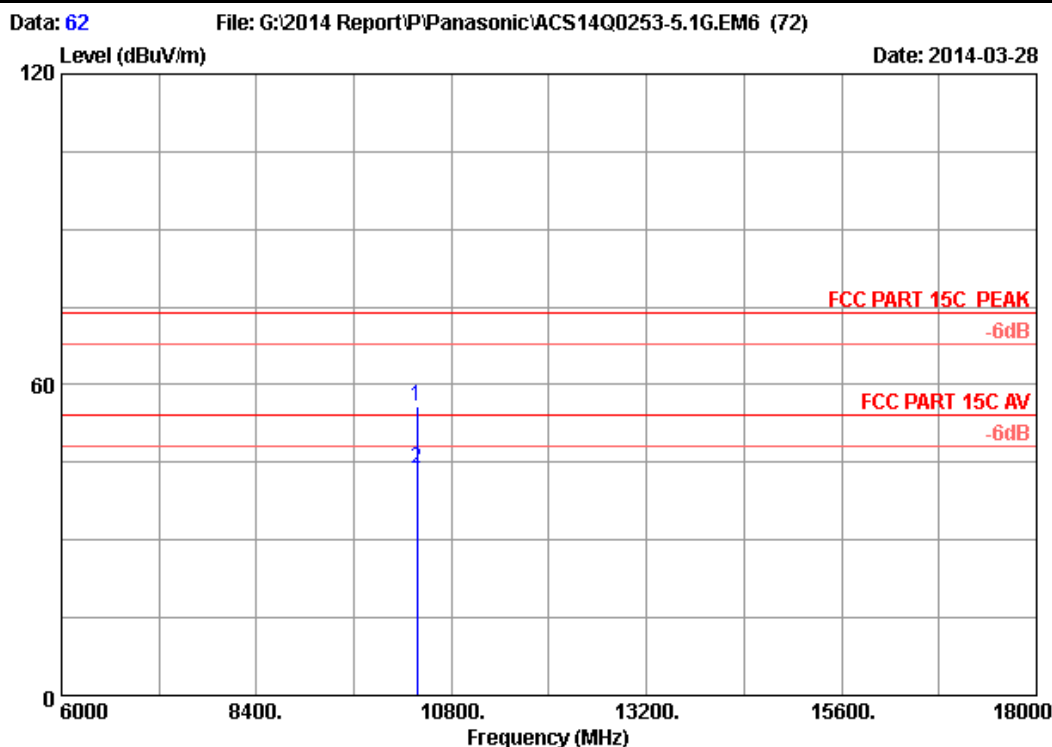
Site no. : 3m Chamber Data no. : 60
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24°C/56% Engineer : Leo-Li
EUT : Wireless Speaker System
Power Rating : AC 120V/60Hz
Test Mode : IEEE802.11nHT40 5190MHz Tx
M/N : SC-ALL3

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	10380.000	38.15	12.65	35.44	43.74	59.10	74.00	14.90	Peak
2	10380.000	38.15	12.65	35.44	30.52	45.88	54.00	8.12	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.



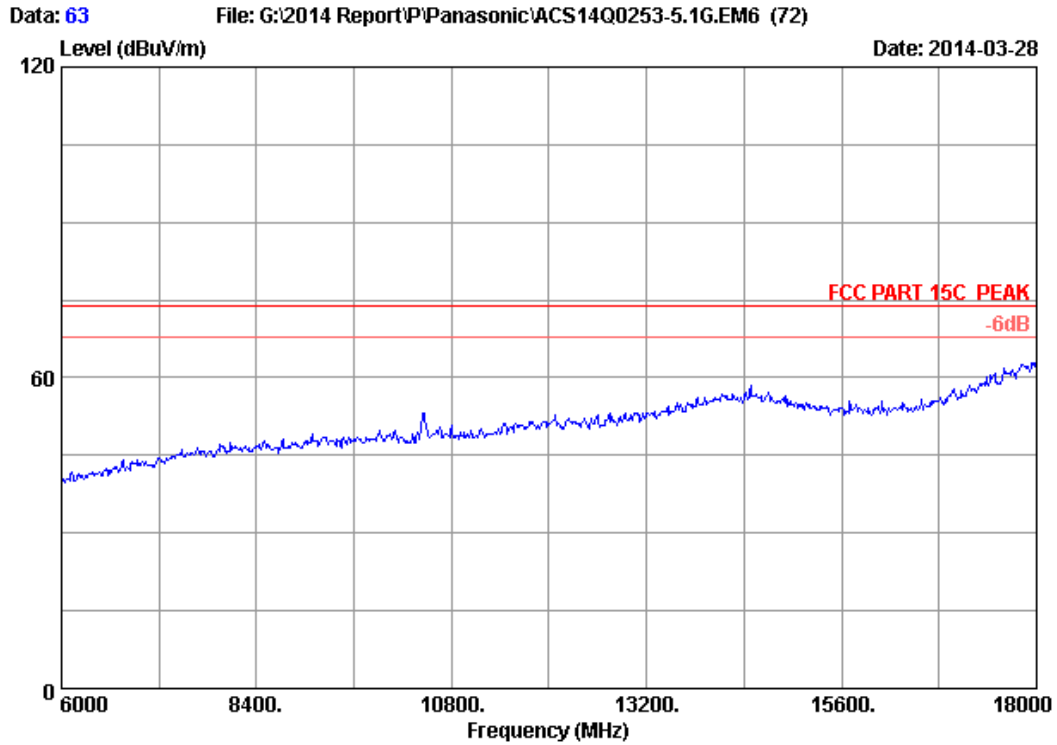
Site no.	: 3m Chamber	Data no.	: 61
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT40 5190MHz Tx		
M/N	: SC-ALL3		



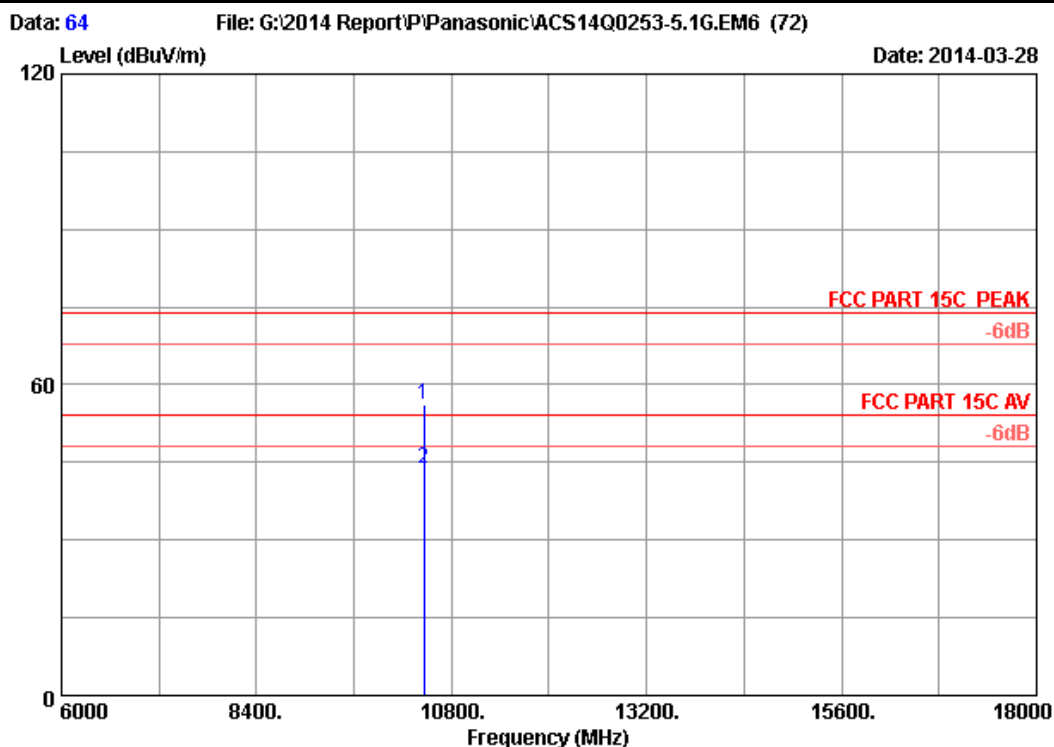
Site no. : 3m Chamber Data no. : 62
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 5190MHz Tx
 M/N : SC-ALL3

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	10380.000	38.15	12.65	35.44	40.43	55.79	74.00	18.21	Peak
2	10380.000	38.15	12.65	35.44	28.34	43.70	54.00	10.30	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.



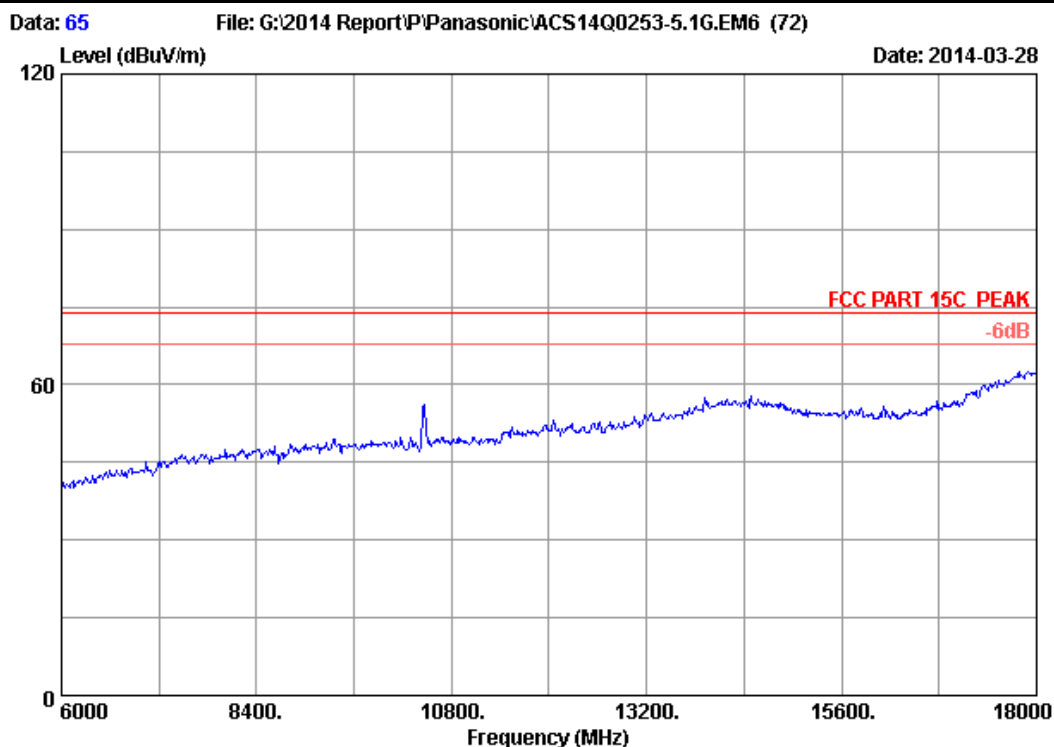
Site no.	: 3m Chamber	Data no.	: 63
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT40 5230MHz Tx		
M/N	: SC-ALL3		



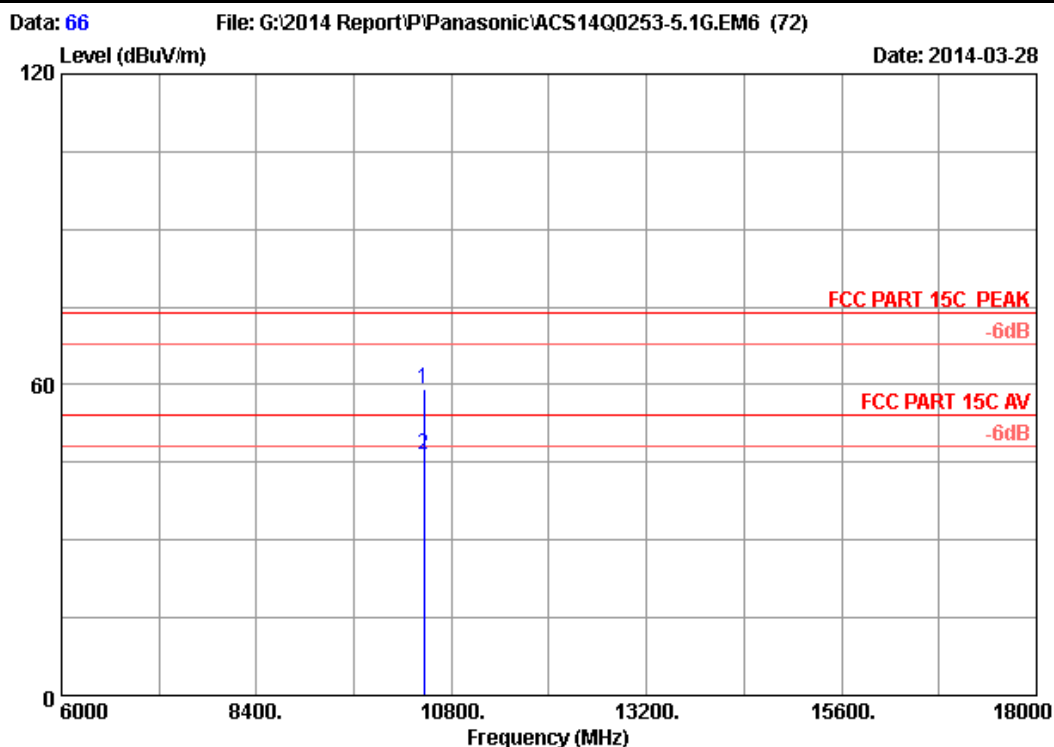
Site no. : 3m Chamber Data no. : 64
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 5230MHz Tx
 M/N : SC-ALL3

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	10460.000	38.18	12.69	35.43	40.63	56.07	74.00	17.93	Peak
2	10460.000	38.18	12.69	35.43	28.35	43.79	54.00	10.21	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.



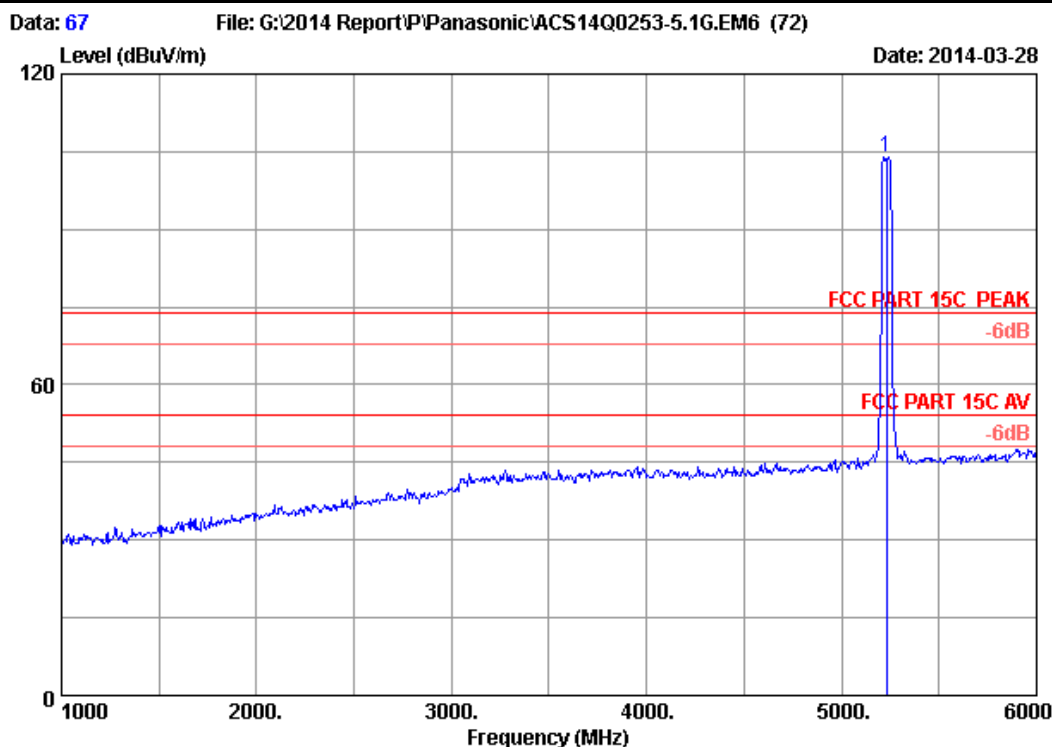
Site no.	: 3m Chamber	Data no.	: 65
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT40 5230MHz Tx		
M/N	: SC-ALL3		



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 : IEEE802.11nHT40 5230MHz 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	10460.000	38.18	12.69	35.43	43.80	59.24	74.00	14.76	Peak
2	10460.000	38.18	12.69	35.43	31.17	46.61	54.00	7.39	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.

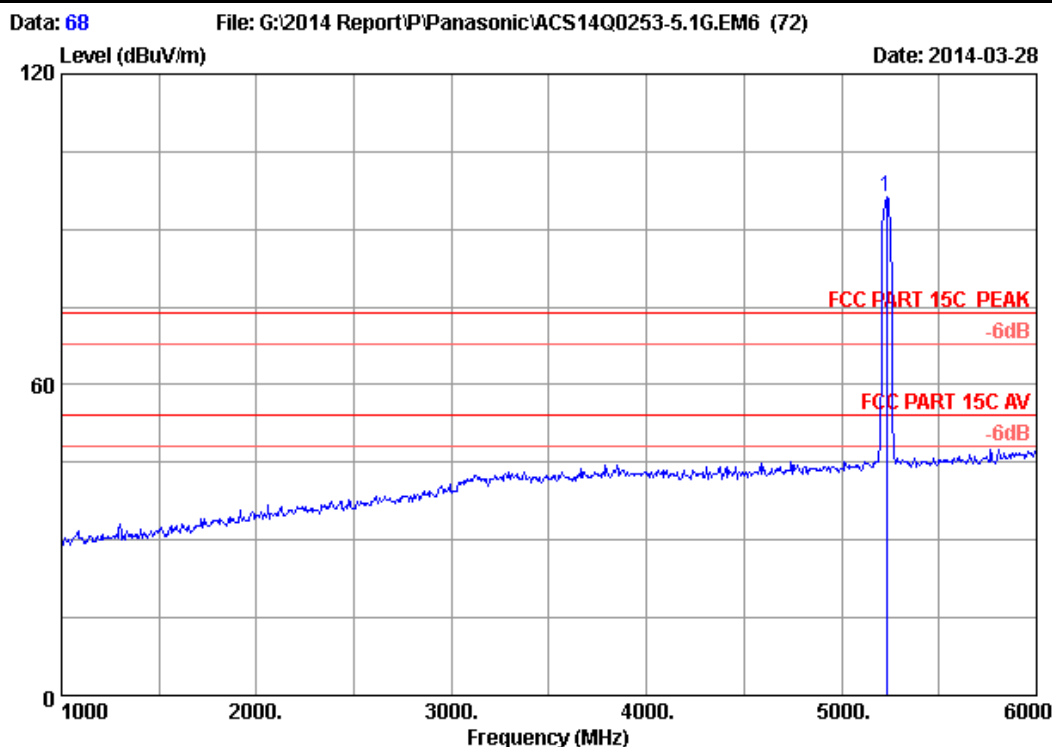


Site no. : 3m Chamber Data no. : 67
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 5230MHz Tx
 M/N : SC-ALL3

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	5230.000	33.57	9.01	35.70	97.07	103.95	74.00	-29.95	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. : 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 : IEEE802.11nHT40 5230MHz 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	5230.000	33.57	9.01	35.70	89.50	96.38	74.00	-22.38	Peak

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

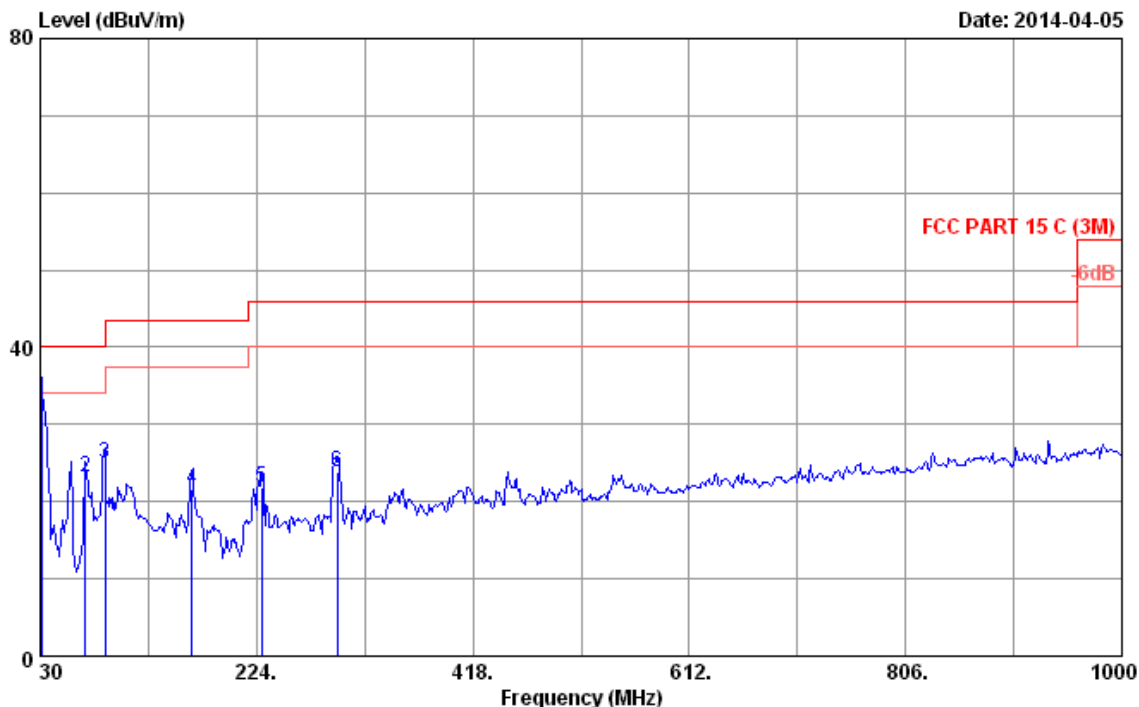
2. The emission levels that are 20dB below the official
 limit are not reported.

5250-5350MHz Band:
Frequency: 30MHz~1GHz

Data: 5

File: E:\2014 Report Data\Panasonic\ACS14Q0253.EM6 (30)

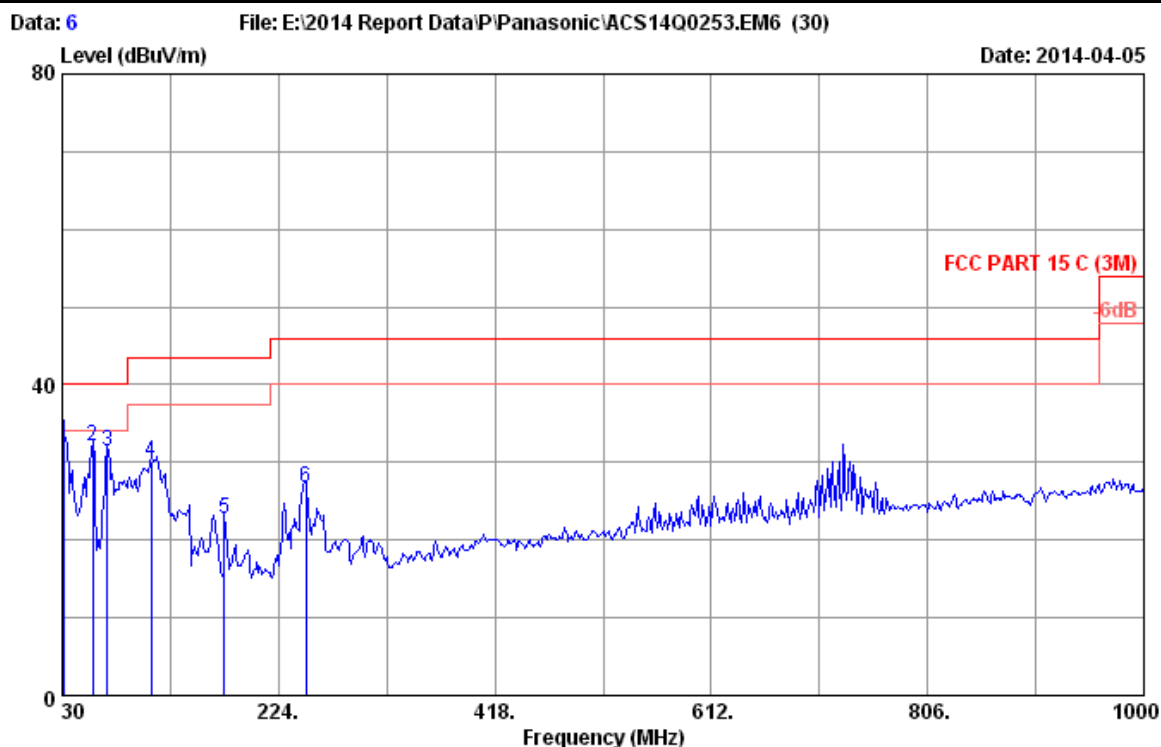
Date: 2014-04-05



Site no. : 3m Chamber Data no. : 5
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 5.2G)
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	13.62	33.32	40.00	6.68	QP
2	70.740	6.84	1.28	15.00	23.12	40.00	16.88	QP
3	88.200	9.04	1.36	14.61	25.01	43.50	18.49	QP
4	165.800	10.51	1.66	9.37	21.54	43.50	21.96	QP
5	228.850	11.14	1.90	8.76	21.80	46.00	24.20	QP
6	296.750	13.90	2.16	7.70	23.76	46.00	22.24	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. : 6
 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 5.2G)
 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	13.01	32.71	40.00	7.29	QP
2	57.160	7.07	1.22	23.76	32.05	40.00	7.95	QP
3	70.740	6.84	1.28	23.29	31.41	40.00	8.59	QP
4	109.540	12.25	1.45	16.37	30.07	43.50	13.43	QP
5	175.500	9.92	1.70	11.09	22.71	43.50	20.79	QP
6	248.250	12.92	1.97	11.77	26.66	46.00	19.34	QP

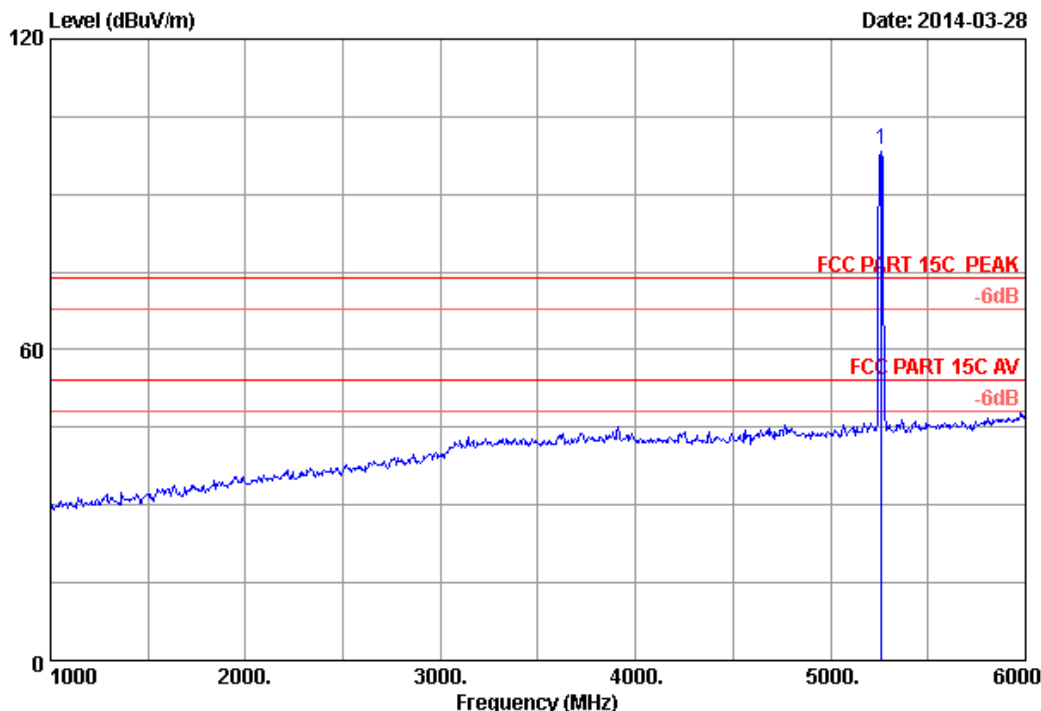
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

5250-5350MHz Band:
Frequency: 1GHz~18GHz

Data: 5

File: G:\2014 Report\PPanasonic\ACS14Q0253-5.2G.EM6 (72)

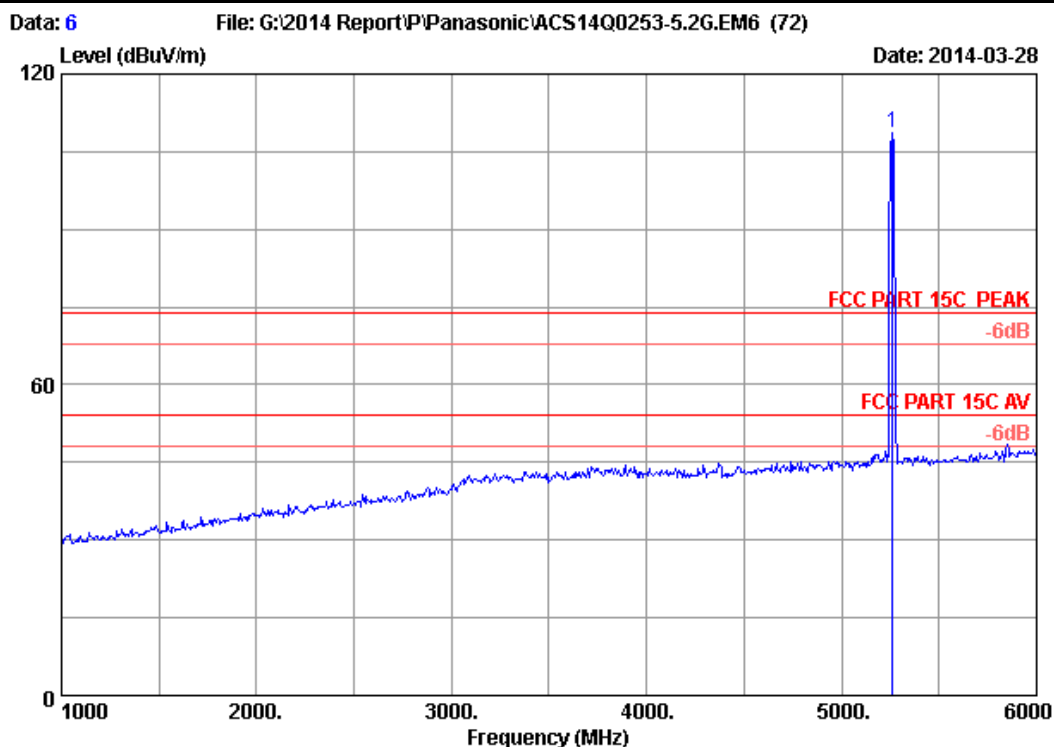
Date: 2014-03-28



Site no. : 3m Chamber Data no. : 5
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 5260MHz 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	5260.000	33.62	9.04	35.70	91.78	98.74	74.00	-24.74	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.

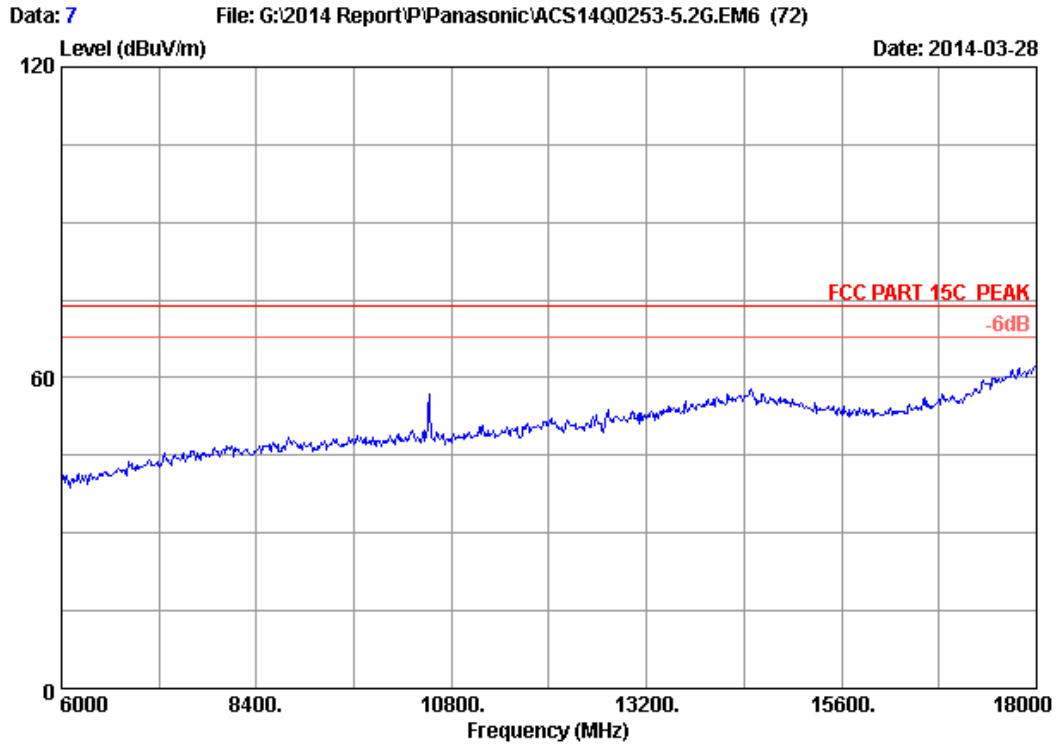


Site no. : 3m Chamber Data no. : 6
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5260MHz Tx
 M/N : SC-ALL3

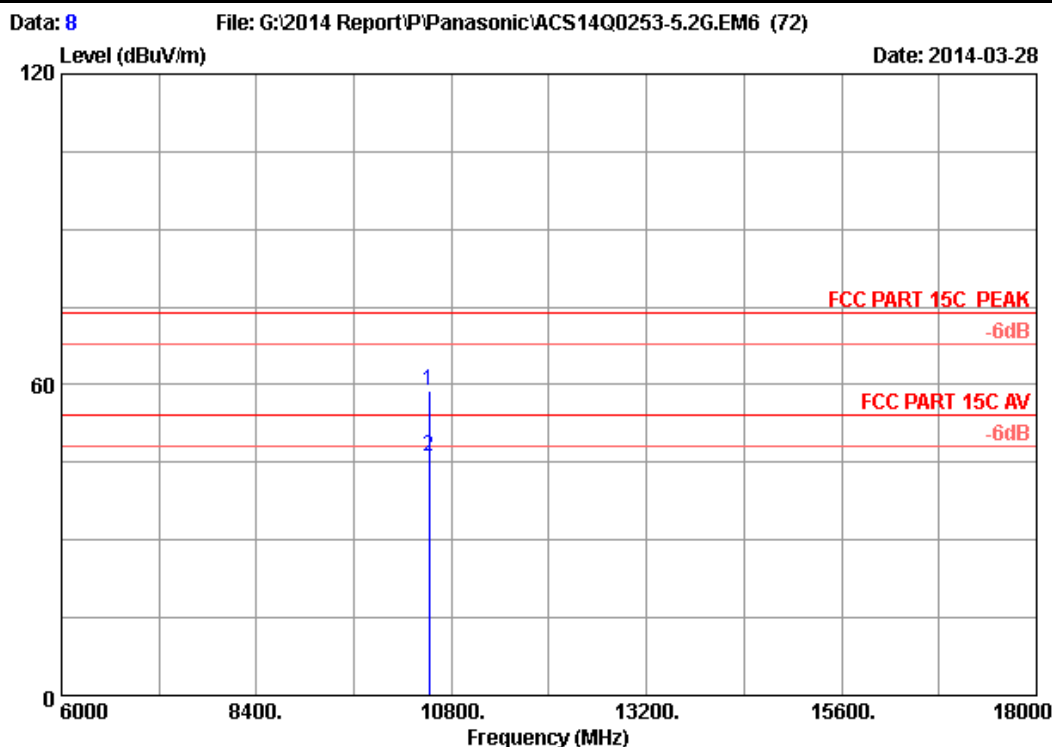
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5260.000	33.62	9.04	35.70	101.71	108.67	74.00	-34.67	Peak

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.



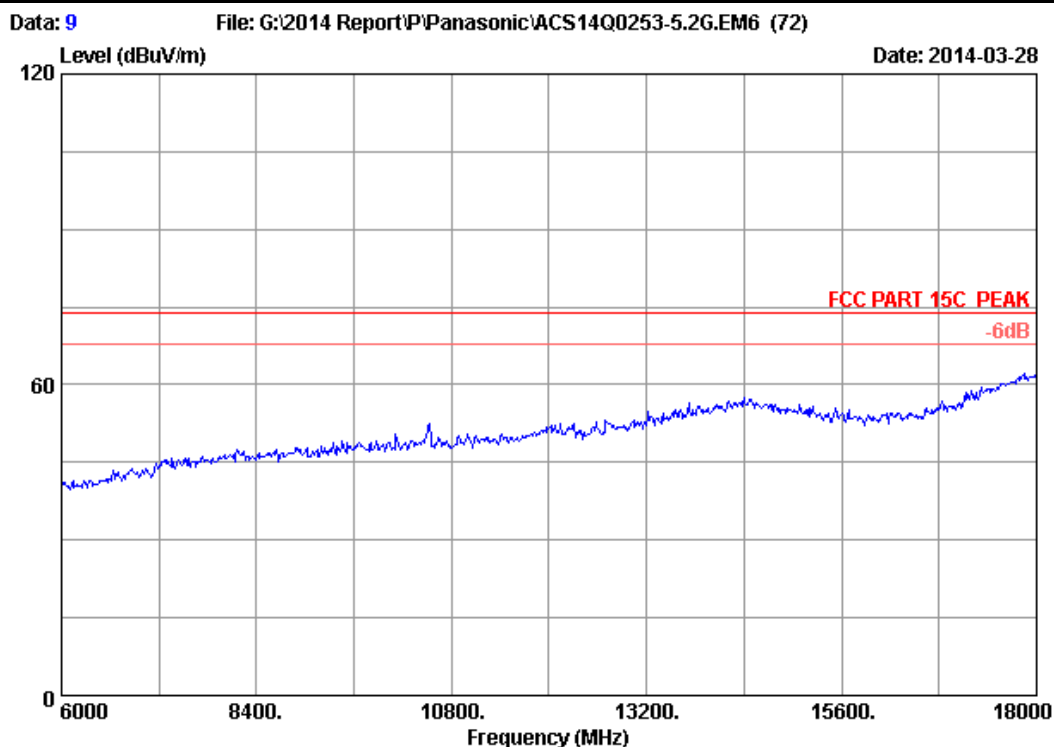
Site no.	: 3m Chamber	Data no.	: 7
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11a 5260MHz Tx		
M/N	: SC-ALL3		



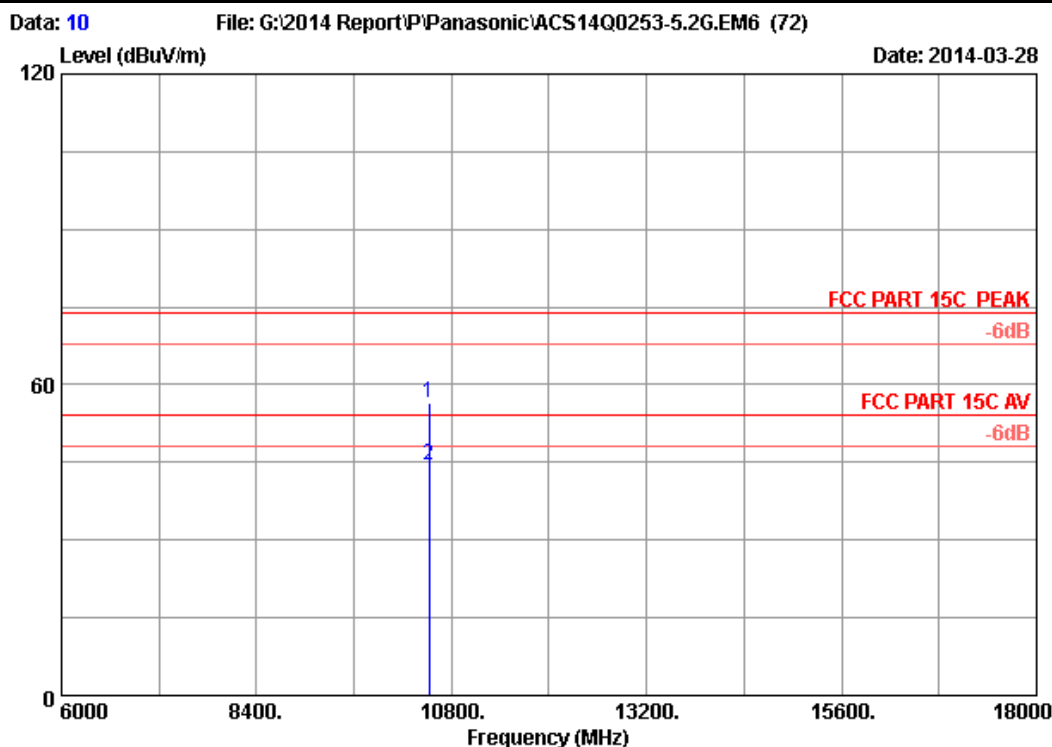
Site no. : 3m Chamber Data no. : 8
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5260MHz Tx
 M/N : SC-ALL3

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	10520.000	38.21	12.73	35.42	43.26	58.78	74.00	15.22	Peak
2	10520.000	38.21	12.73	35.42	30.58	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.



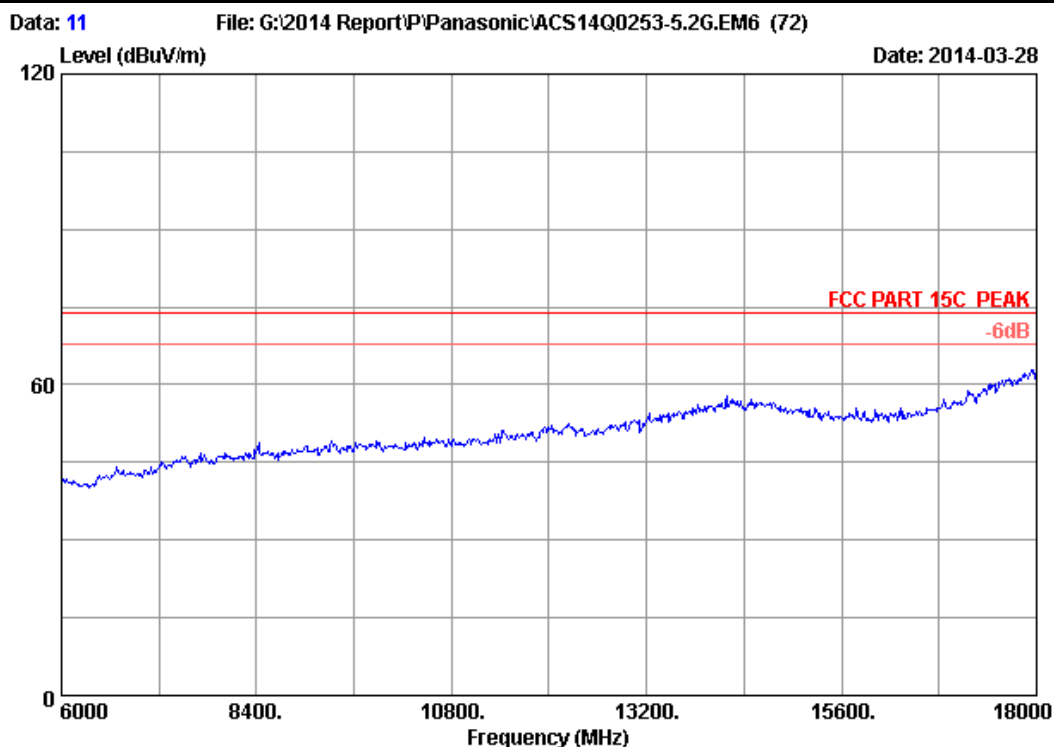
Site no.	: 3m Chamber	Data no.	: 9
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11a 5260MHz Tx		
M/N	: SC-ALL3		



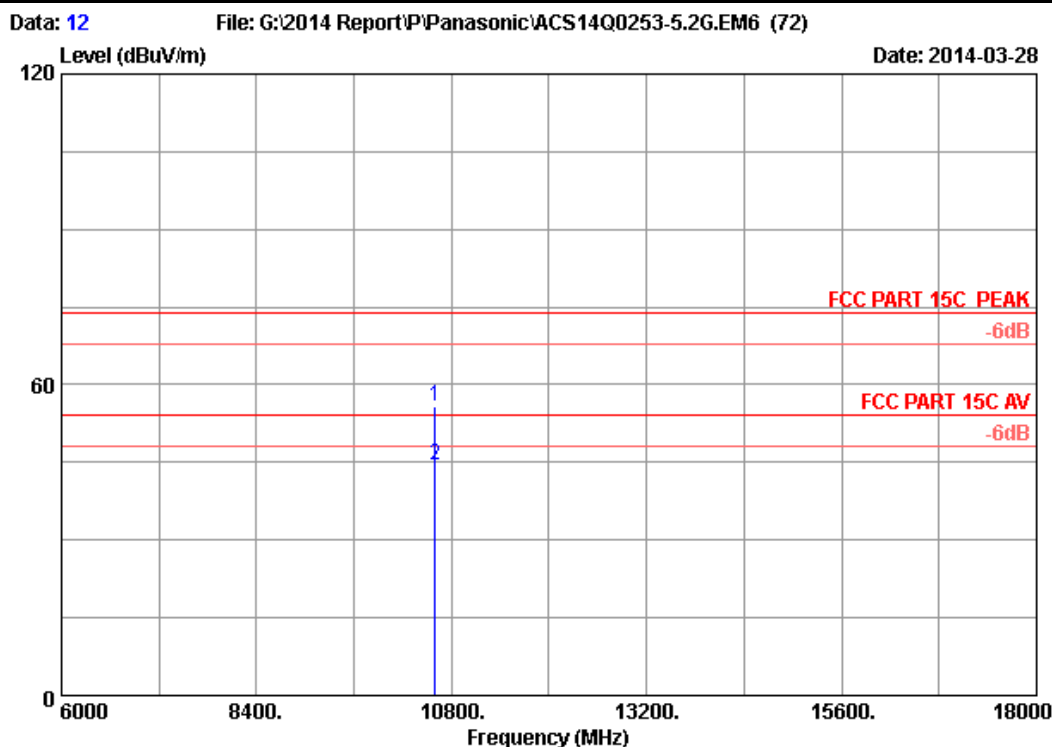
Site no. : 3m Chamber Data no. : 10
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5260MHz Tx
 M/N : SC-ALL3

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	10520.000	38.21	12.73	35.42	40.98	56.50	74.00	17.50	Peak
2	10520.000	38.21	12.73	35.42	28.95	44.47	54.00	9.53	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.



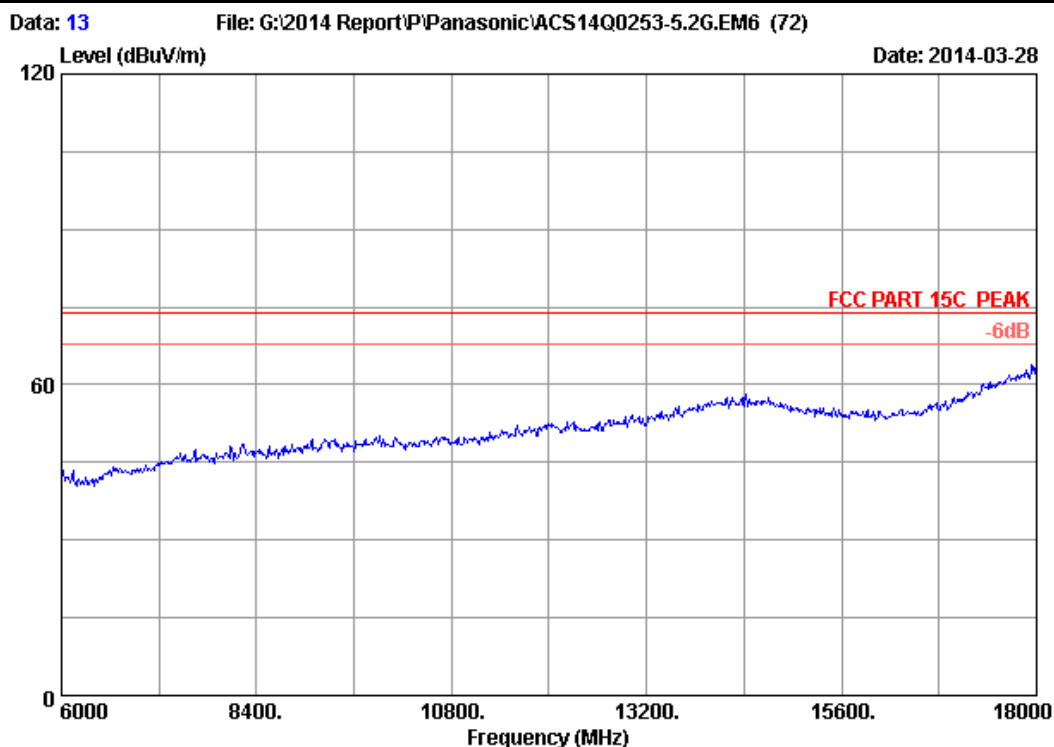
Site no.	: 3m Chamber	Data no.	: 11
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11a 5300MHz Tx		
M/N	: SC-ALL3		



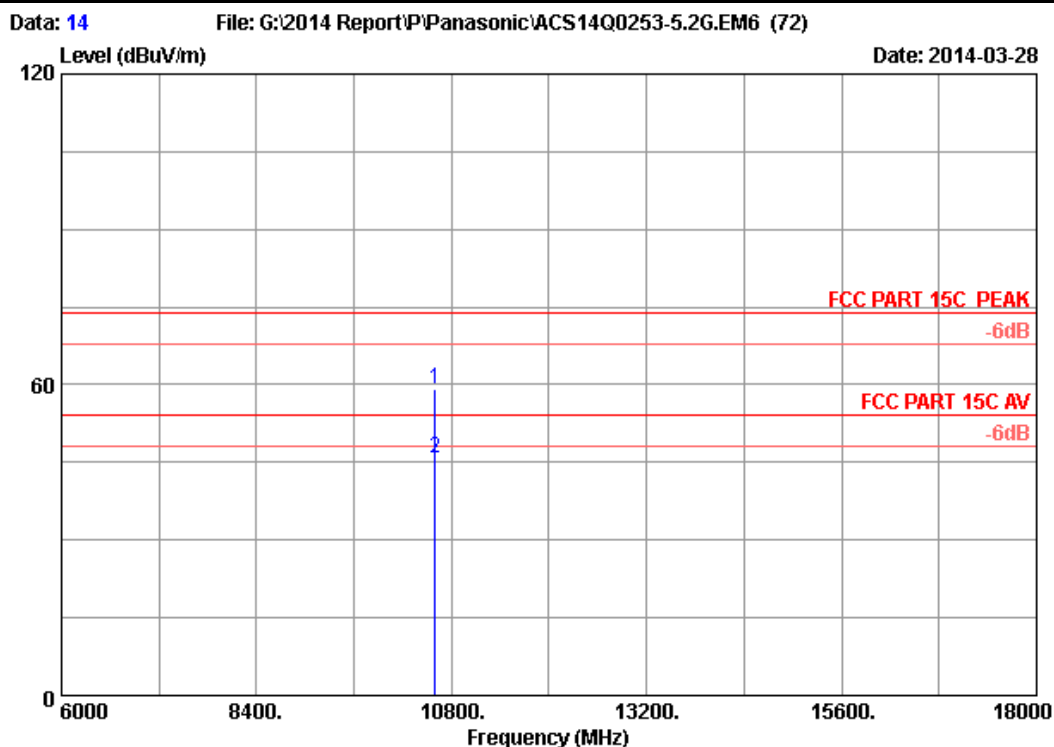
Site no. : 3m Chamber Data no. : 12
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5300MHz Tx
 M/N : SC-ALL3

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	10600.000	38.24	12.77	35.41	40.15	55.75	74.00	18.25	Peak
2	10600.000	38.24	12.77	35.41	28.79	44.39	54.00	9.61	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.



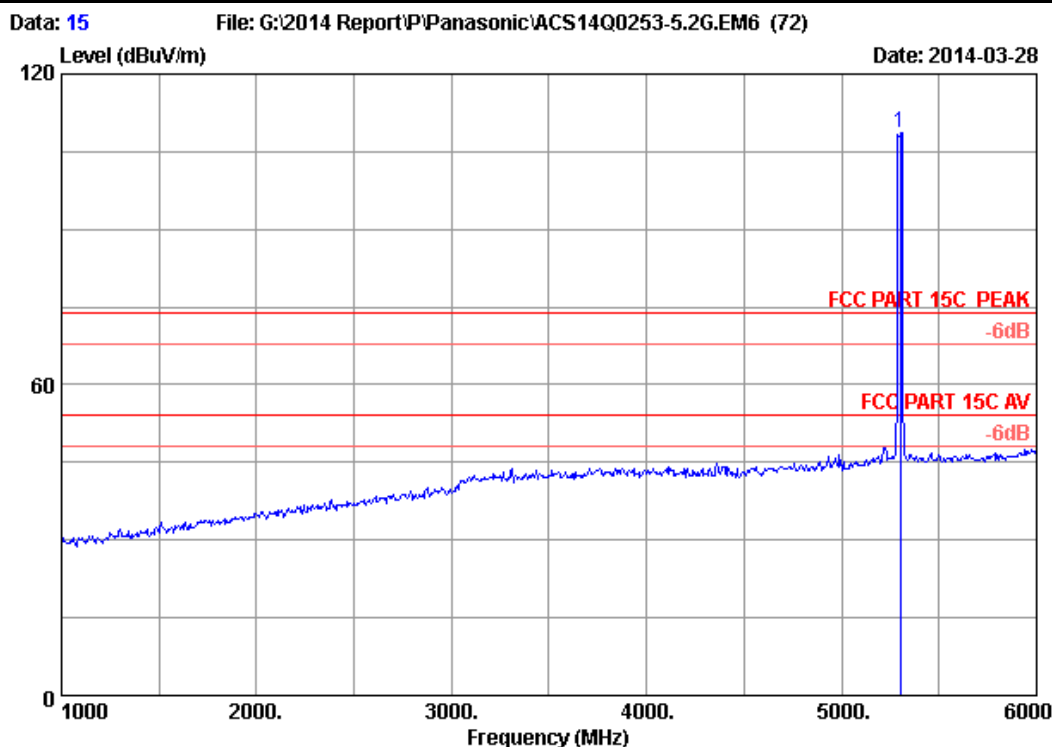
Site no.	: 3m Chamber	Data no.	: 13
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11a 5300MHz Tx		
M/N	: SC-ALL3		



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 5300MHz 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	10600.000	38.24	12.77	35.41	43.42	59.02	74.00	14.98	Peak
2	10600.000	38.24	12.77	35.41	30.14	45.74	54.00	8.26	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.

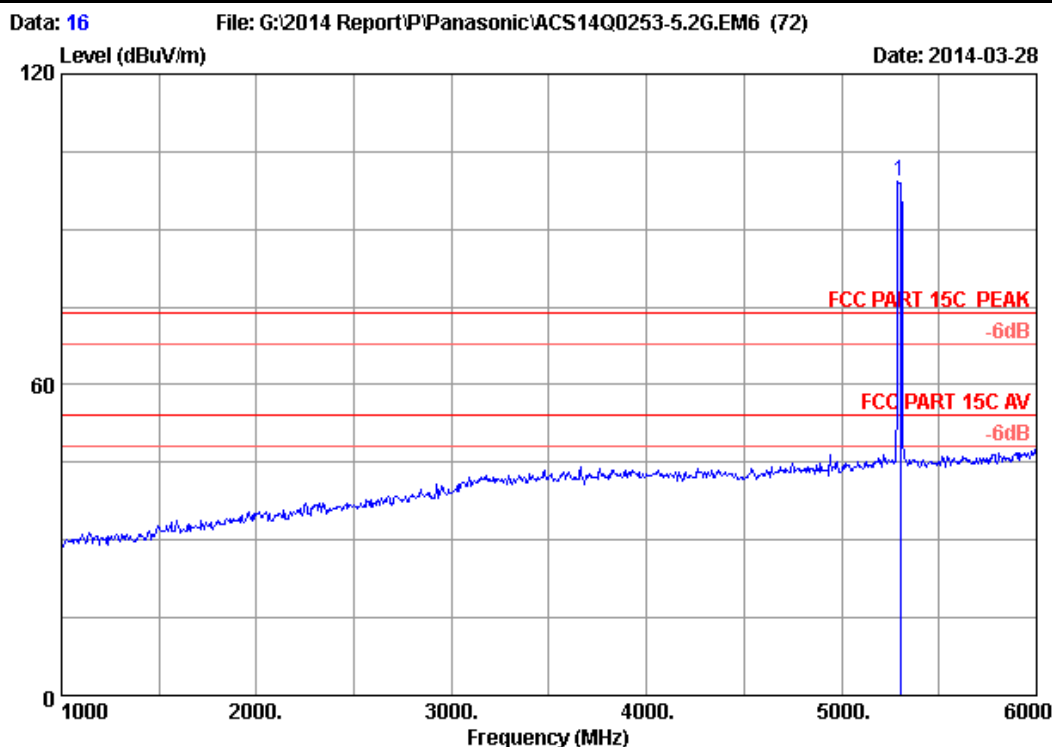


Site no. : 3m Chamber Data no. : 15
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5300MHz Tx
 M/N : SC-ALL3

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	5300.000	33.68	9.08	35.70	101.57	108.63	74.00	-34.63	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.

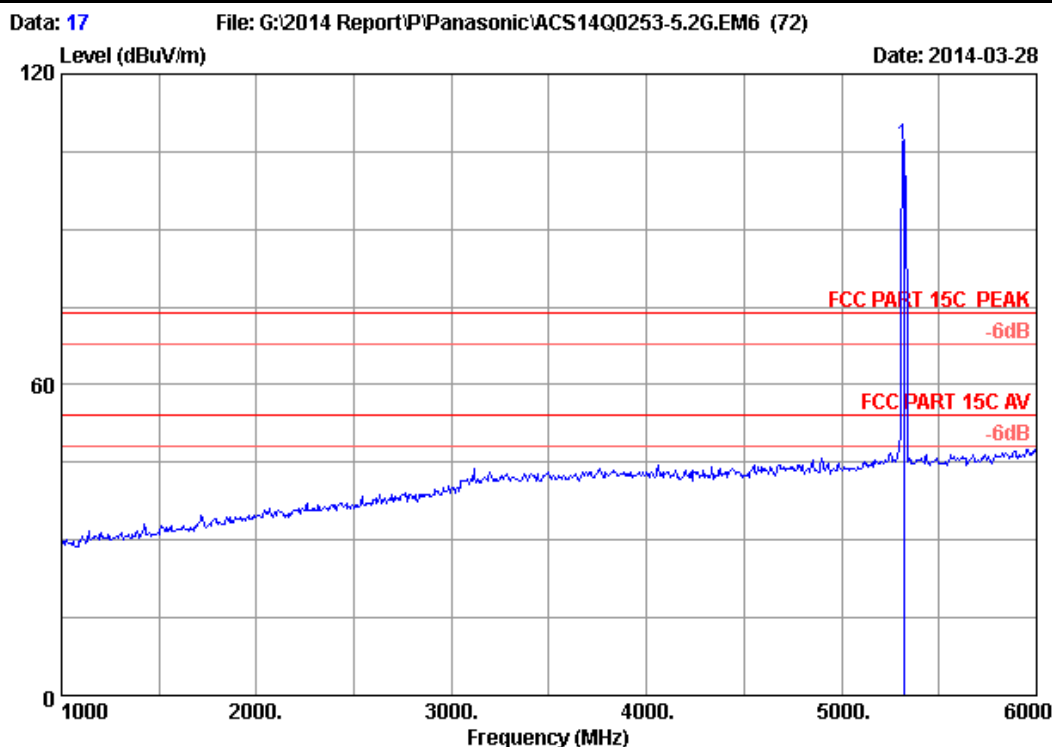


Site no. : 3m Chamber Data no. : 16
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24°C/56% Engineer : Leo-Li
EUT : Wireless Speaker System
Power Rating : AC 120V/60Hz
Test Mode : IEEE802.11a 5300MHz Tx
M/N : SC-ALL3

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	5300.000	33.68	9.08	35.70	92.09	99.15	74.00	-25.15	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.

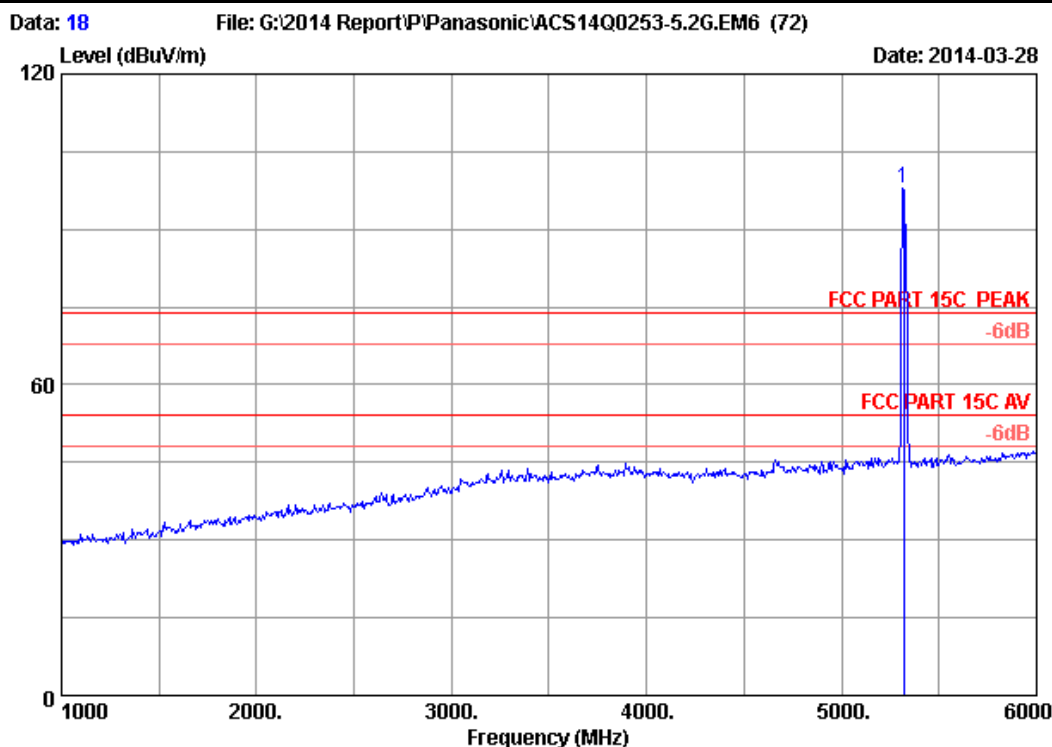


Site no. : 3m Chamber Data no. : 17
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5320MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant.	Cable	AMP	Emission				
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5320.000	33.71	9.10	35.70	99.16	106.27	74.00	-32.27	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.

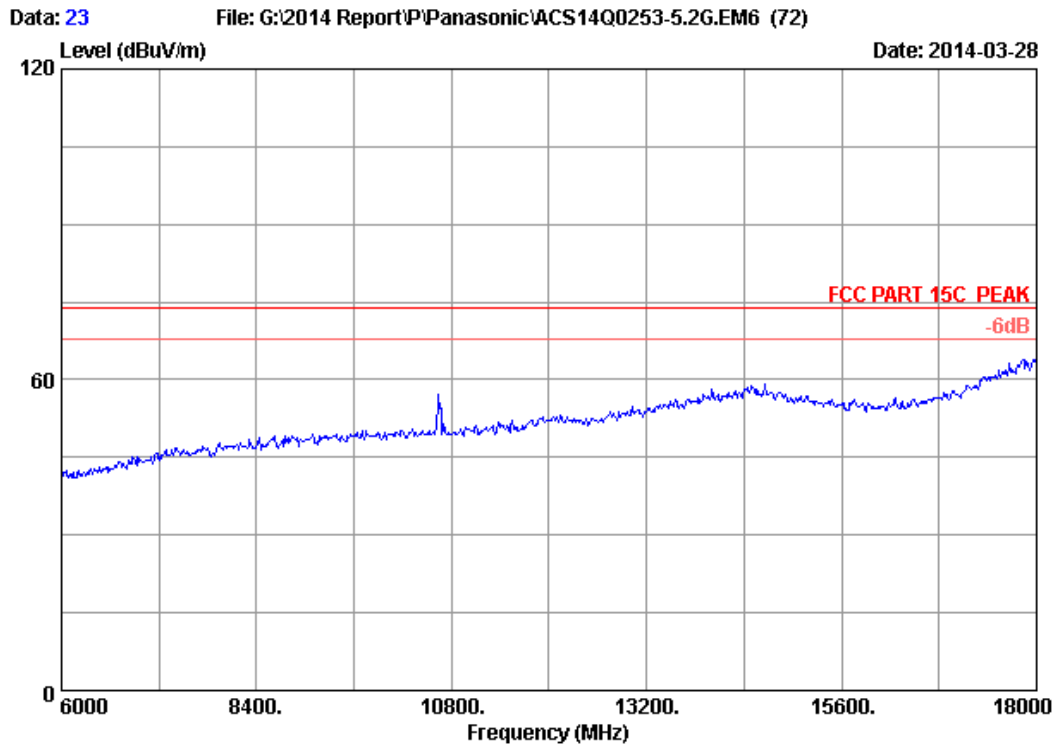


Site no. : 3m Chamber Data no. : 18
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5320MHz Tx
 M/N : SC-ALL3

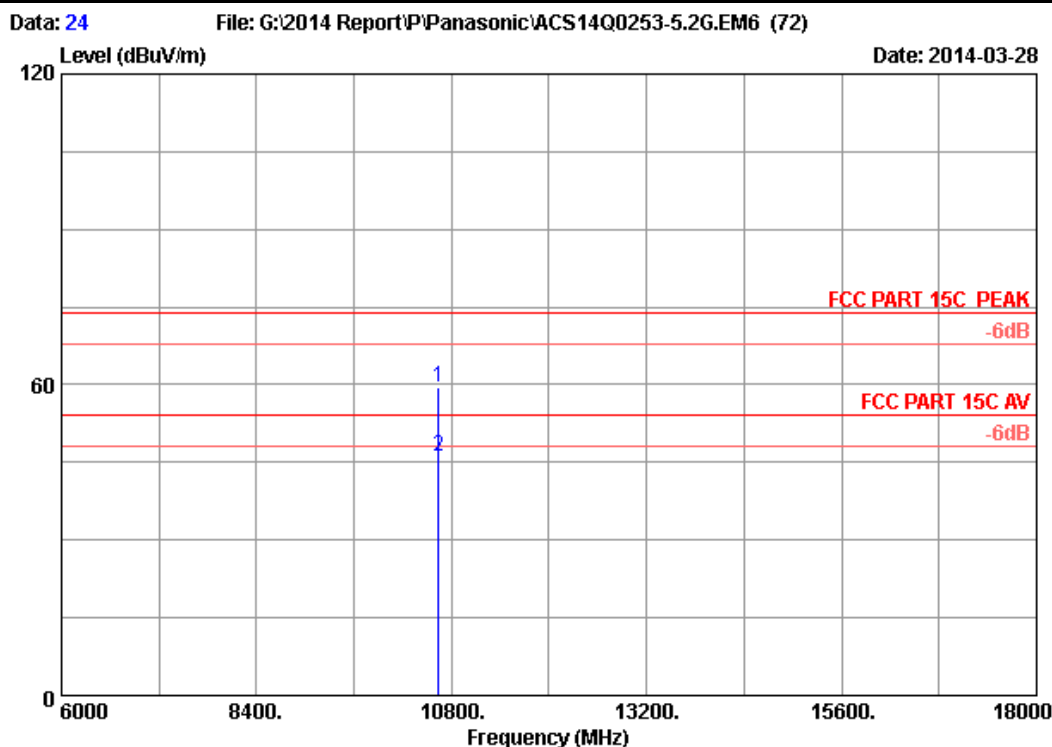
No.	Freq. (MHz)	Ant.	Cable	AMP	Emission				
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5320.000	33.71	9.10	35.70	90.80	97.91	74.00	-23.91	Peak

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.



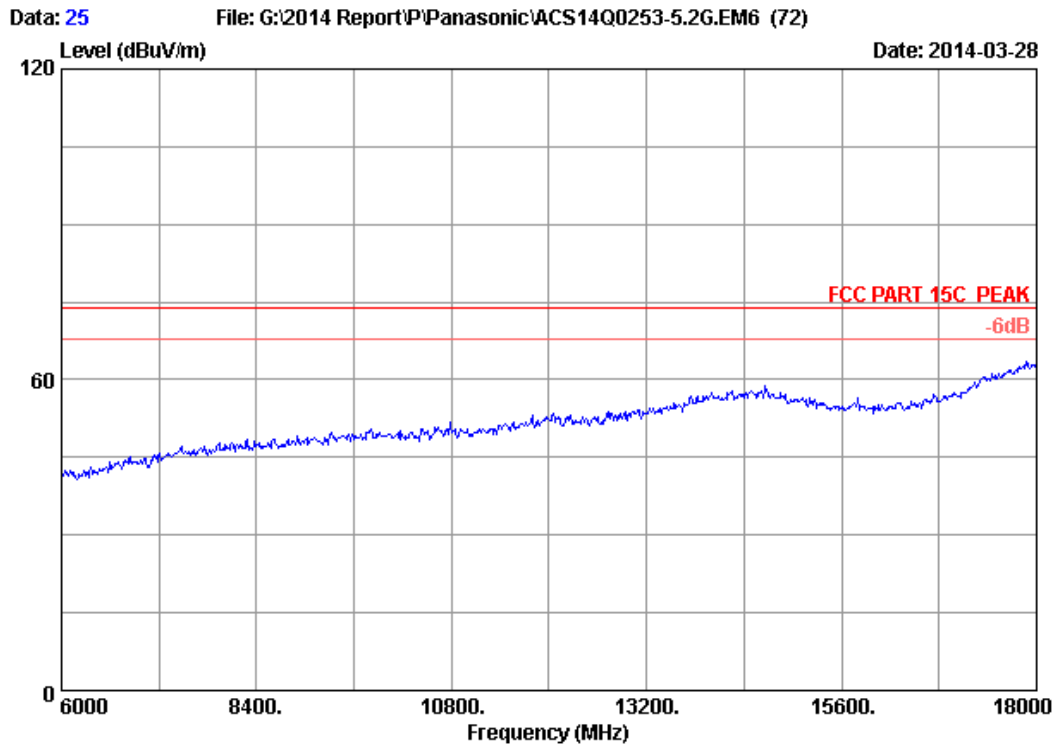
Site no.	: 3m Chamber	Data no.	: 23
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11a 5320MHz Tx		
M/N	: SC-ALL3		



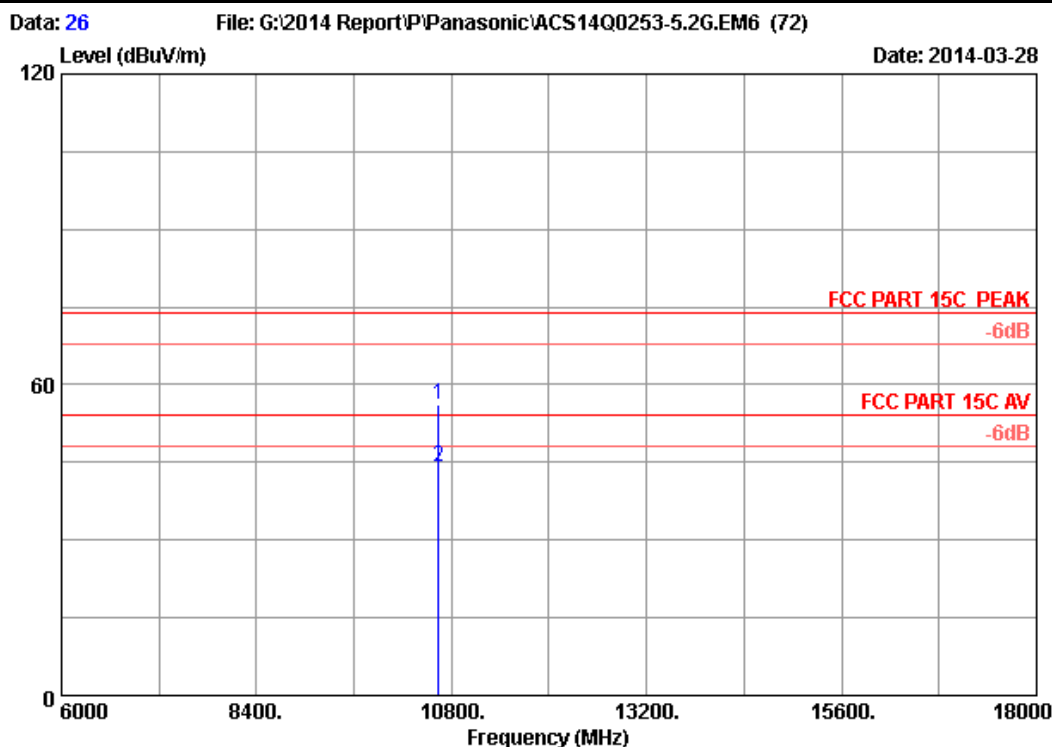
Site no. : 3m Chamber Data no. : 24
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5320MHz Tx
 M/N : SC-ALL3

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	10640.000	38.26	12.79	35.40	43.86	59.51	74.00	14.49	Peak
2	10640.000	38.26	12.79	35.40	30.52	46.17	54.00	7.83	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.



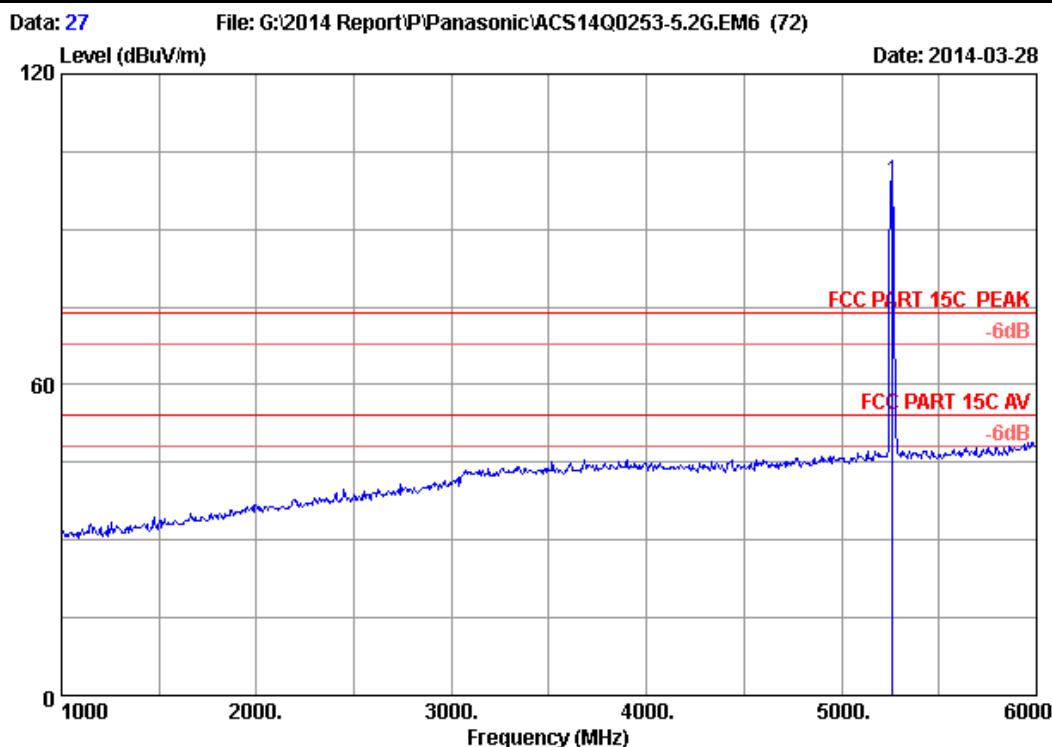
Site no.	: 3m Chamber	Data no.	: 25
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11a 5320MHz Tx		
M/N	: SC-ALL3		



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 5320MHz 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	10640.000	38.26	12.79	35.40	40.53	56.18	74.00	17.82	Peak
2	10640.000	38.26	12.79	35.40	28.45	44.10	54.00	9.90	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.

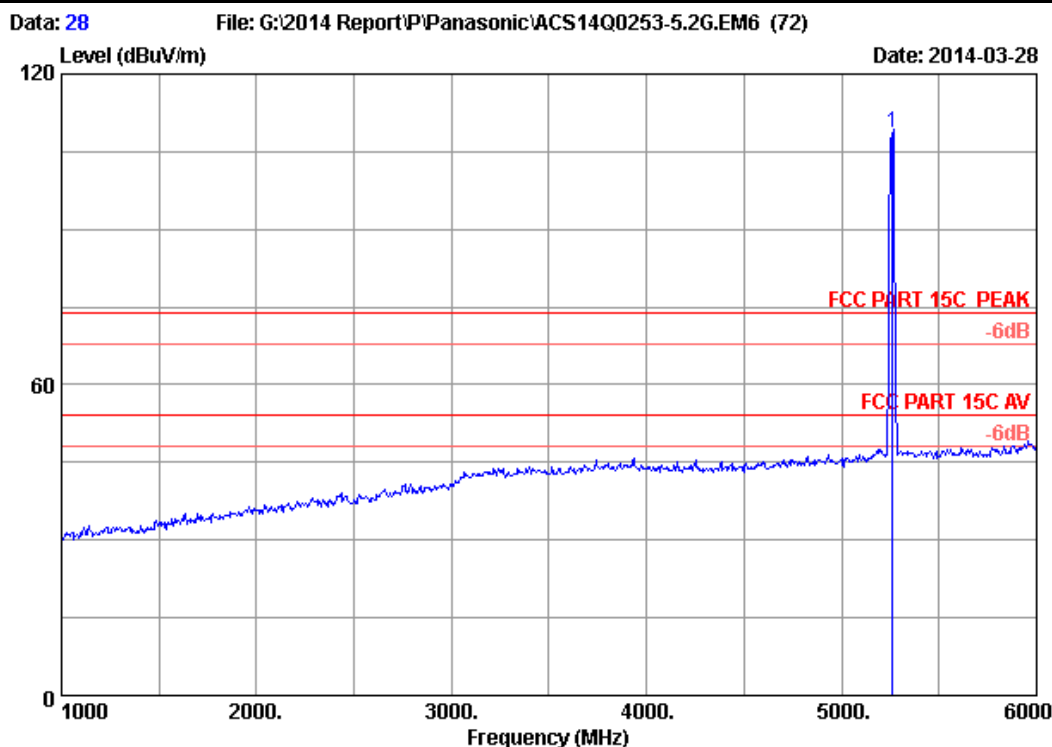


Site no. : 3m Chamber Data no. : 27
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5260MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant.	Cable	AMP	Emission				
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5260.000	33.62	9.04	35.70	92.45	99.41	74.00	-25.41	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.

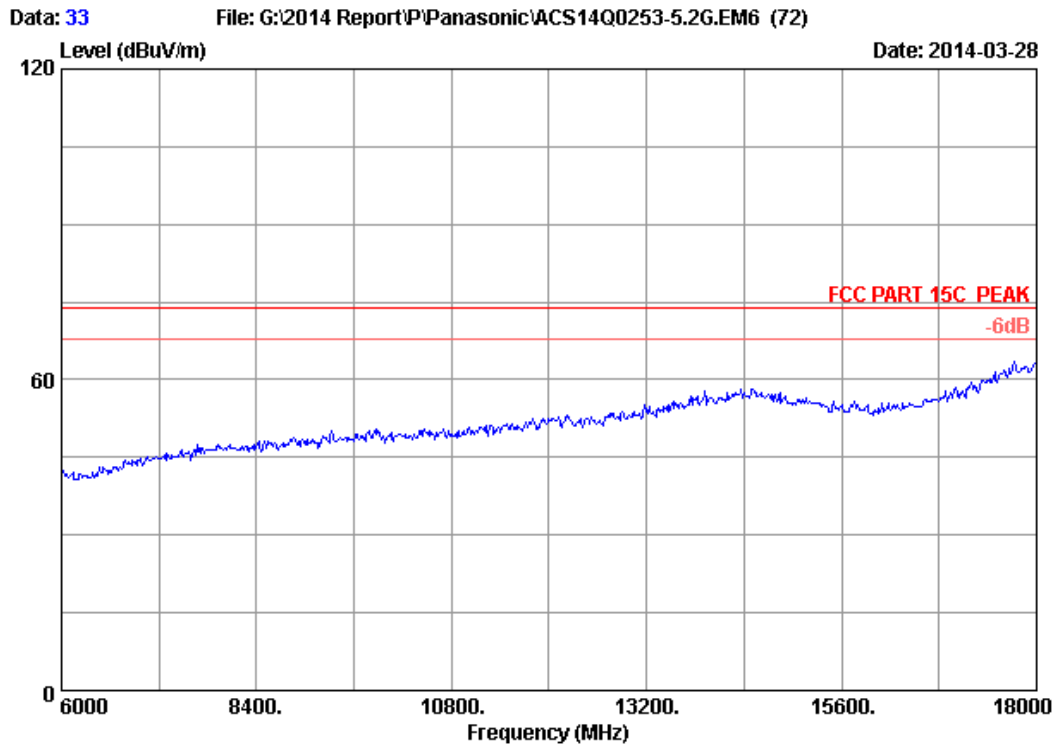


Site no. : 3m Chamber Data no. : 28
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5260MHz Tx
 M/N : SC-ALL3

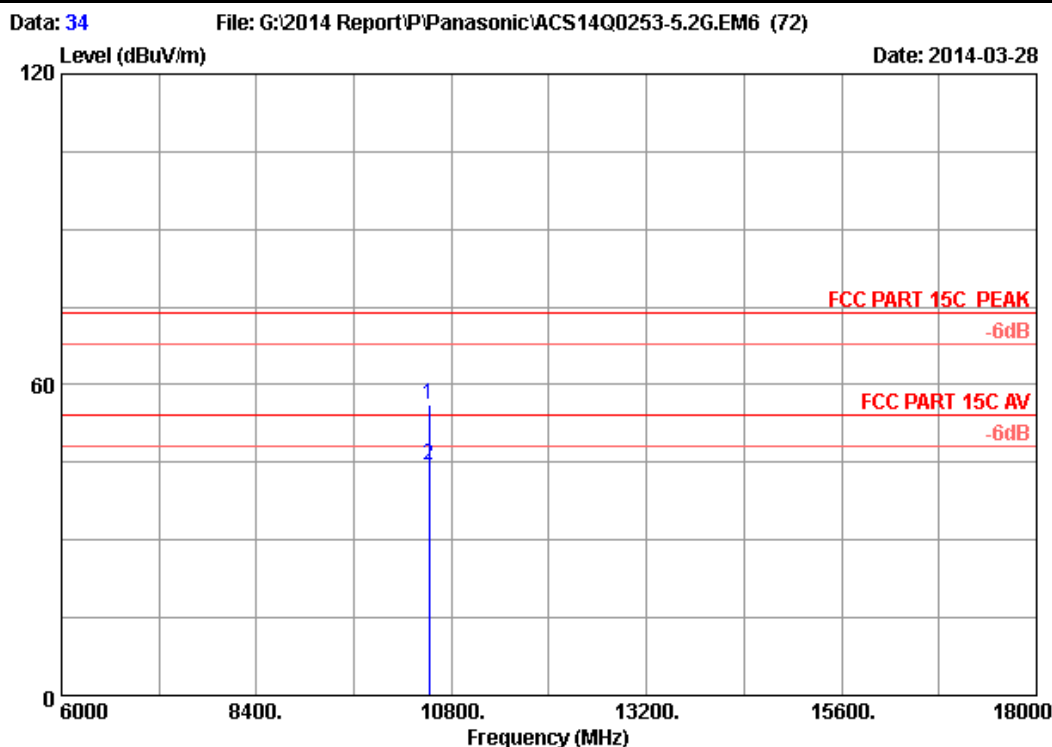
No.	Freq. (MHz)	Ant. Cable AMP			Emission				Remark
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	5260.000	33.62	9.04	35.70	101.56	108.52	74.00	-34.52	Peak

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.



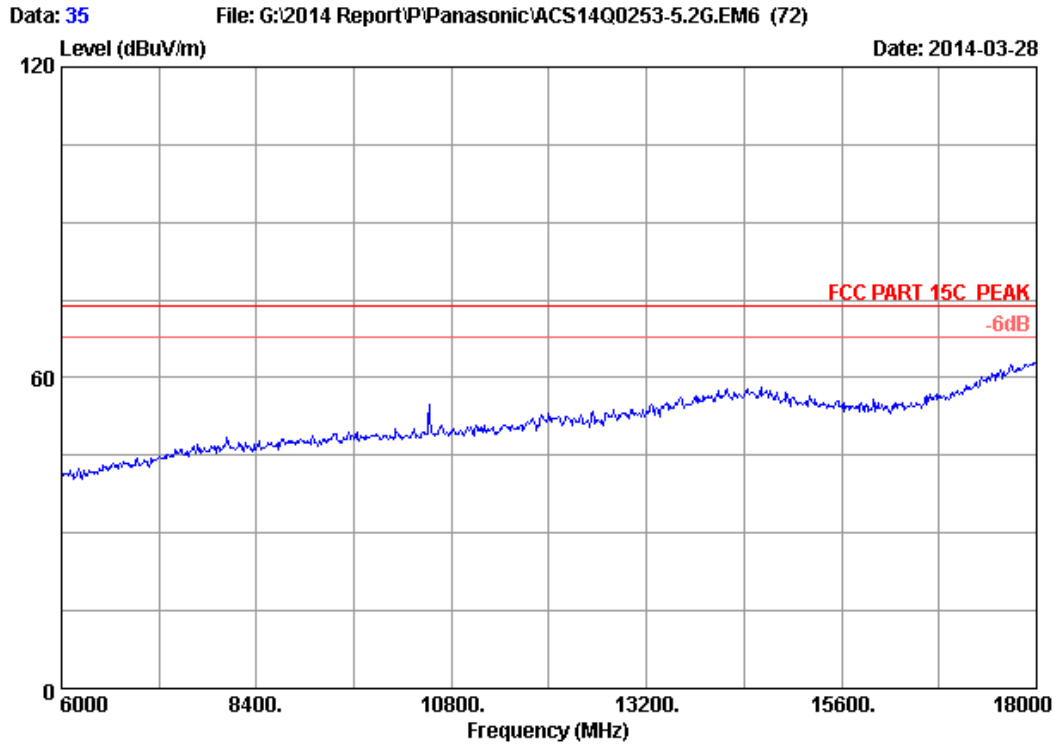
Site no.	: 3m Chamber	Data no.	: 33
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT20 5260MHz Tx		
M/N	: SC-ALL3		



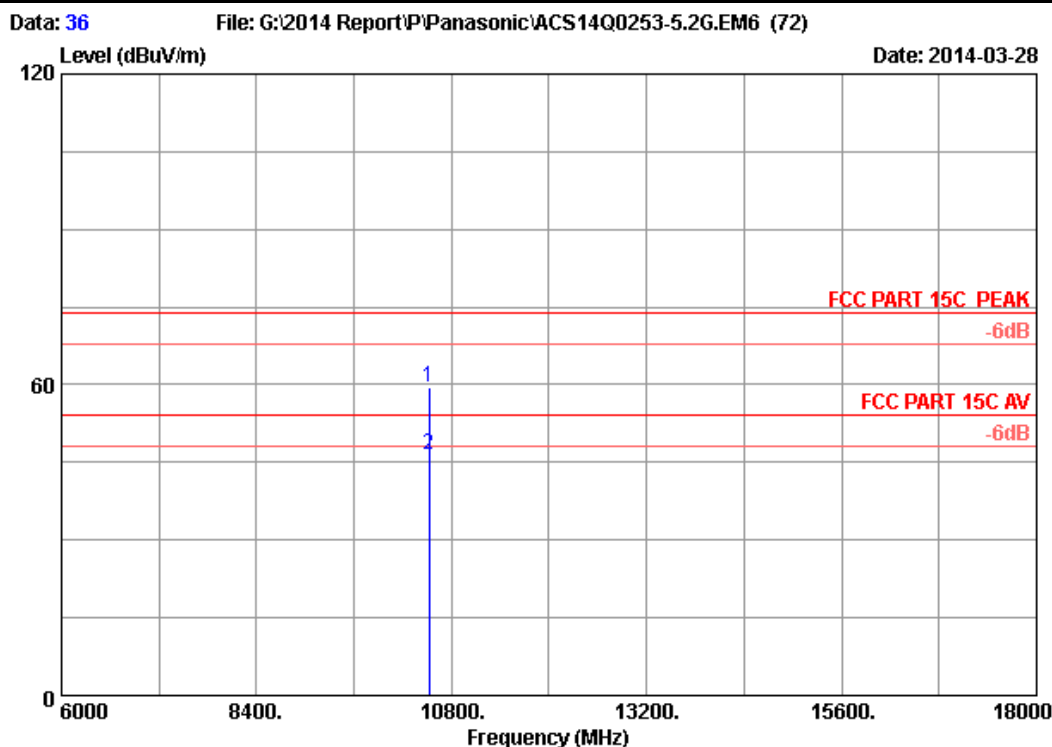
Site no. : 3m Chamber Data no. : 34
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5260MHz Tx
 M/N : SC-ALL3

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	10520.000	38.21	12.73	35.42	40.55	56.07	74.00	17.93	Peak
2	10520.000	38.21	12.73	35.42	29.06	44.58	54.00	9.42	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.



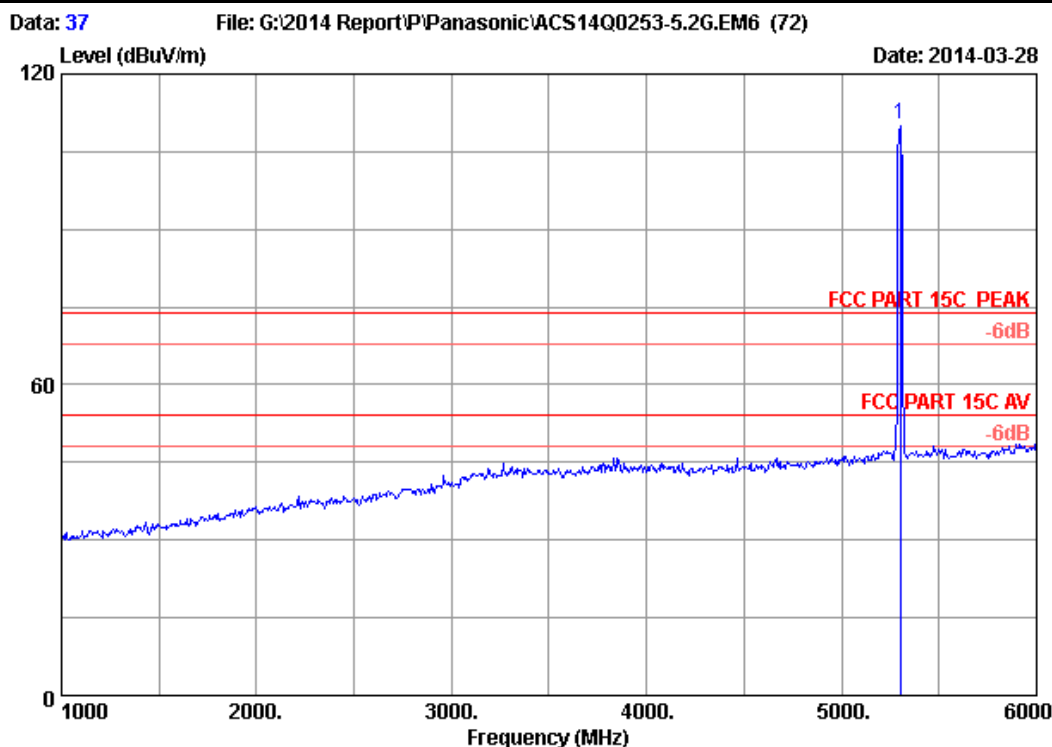
Site no.	: 3m Chamber	Data no.	: 35
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT20 5260MHz Tx		
M/N	: SC-ALL3		



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 : IEEE802.11nHT20 5260MHz 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	10520.000	38.21	12.73	35.42	43.86	59.38	74.00	14.62	Peak
2	10520.000	38.21	12.73	35.42	31.06	46.58	54.00	7.42	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.

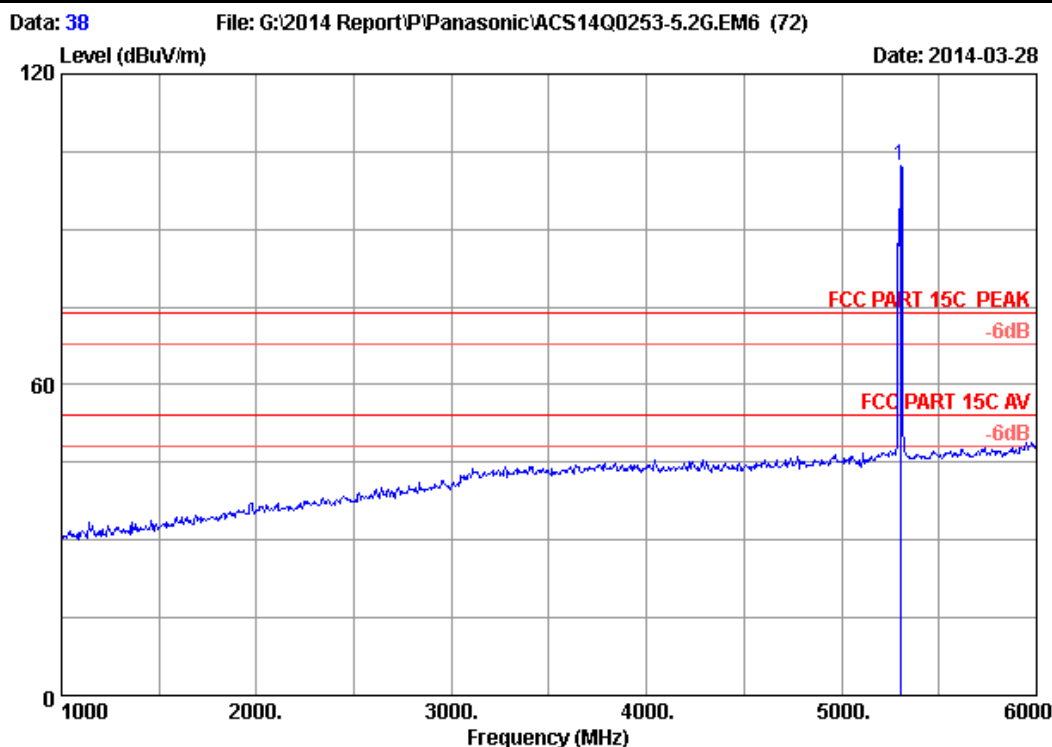


Site no. : 3m Chamber Data no. : 37
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5300MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant.	Cable	AMP	Emission				
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5300.000	33.68	9.08	35.70	103.26	110.32	74.00	-36.32	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.

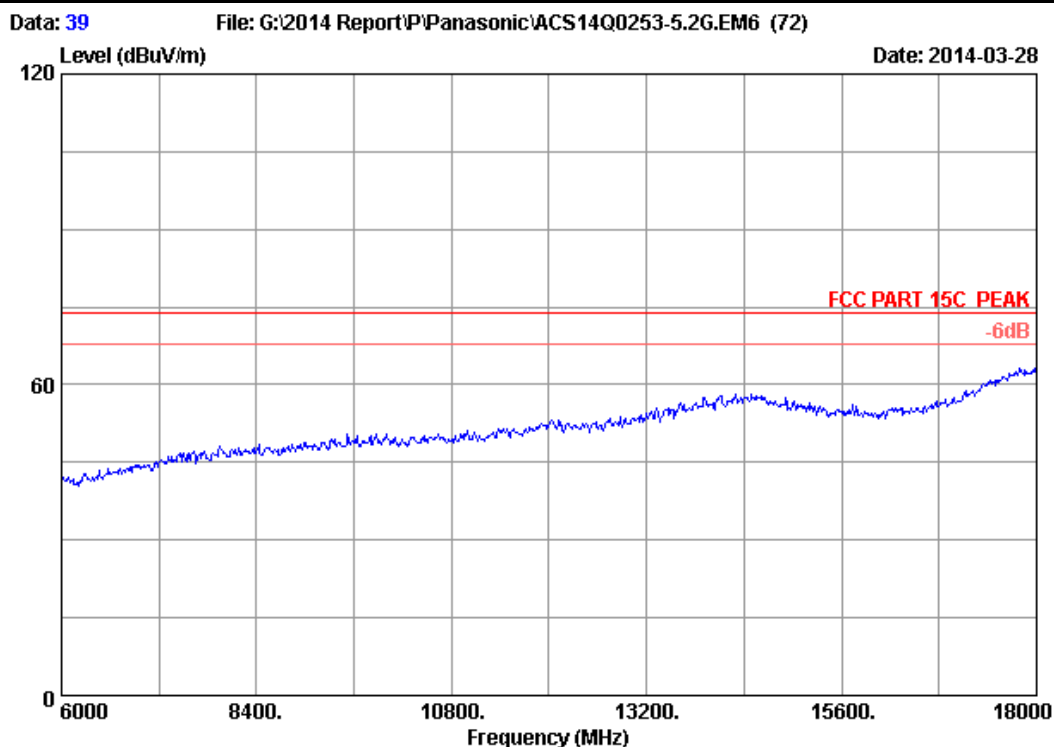


Site no. : 3m Chamber Data no. : 38
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5300MHz Tx
 M/N : SC-ALL3

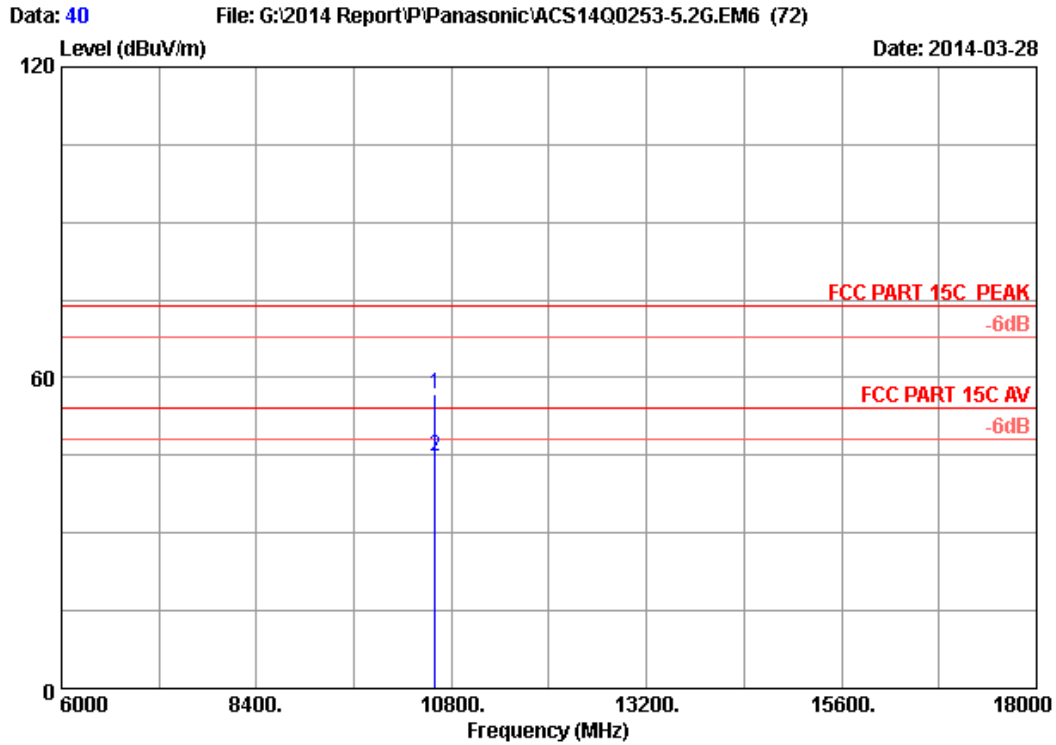
No.	Freq. (MHz)	Ant.	Cable	AMP	Emission				
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5300.000	33.68	9.08	35.70	95.16	102.22	74.00	-28.22	Peak

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.



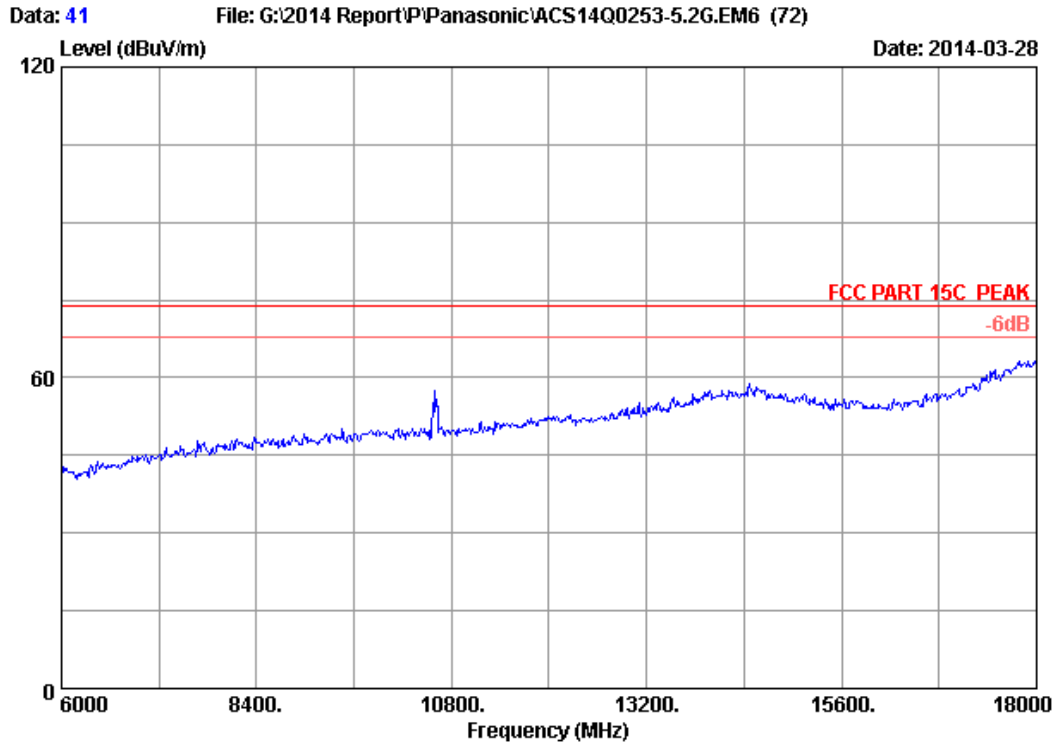
Site no.	: 3m Chamber	Data no.	: 39
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT20 5300MHz Tx		
M/N	: SC-ALL3		



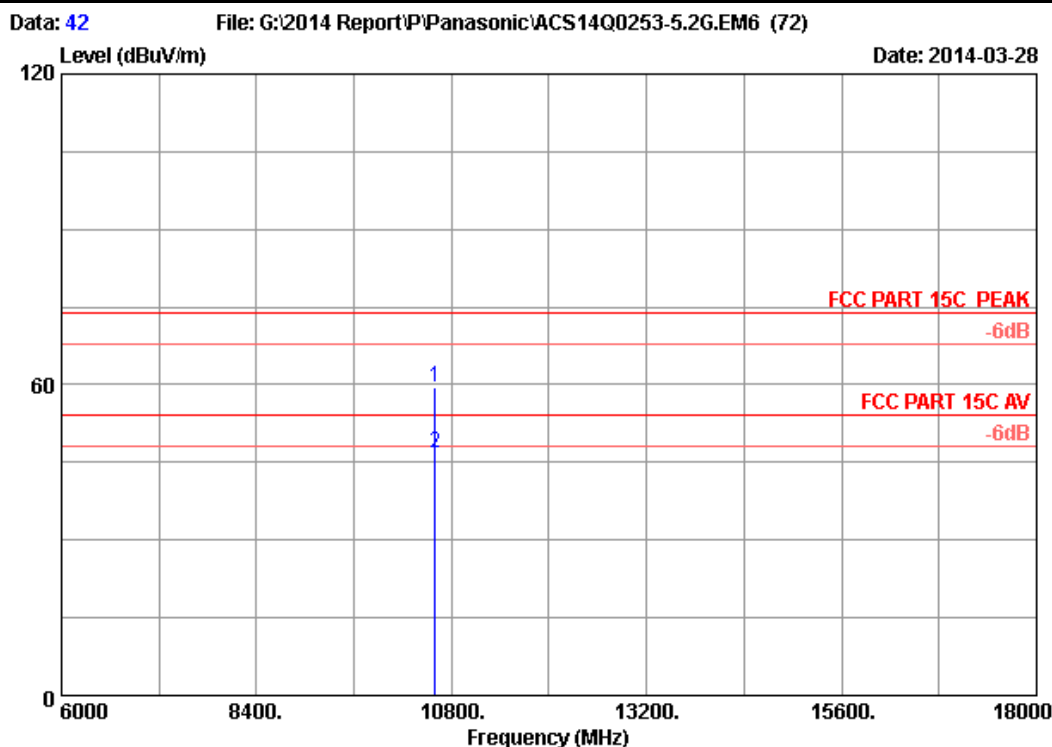
Site no. : 3m Chamber Data no. : 40
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5300MHz Tx
 M/N : SC-ALL3

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	10600.000	38.24	12.77	35.41	41.07	56.67	74.00	17.33	Peak
2	10600.000	38.24	12.77	35.41	29.04	44.64	54.00	9.36	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.



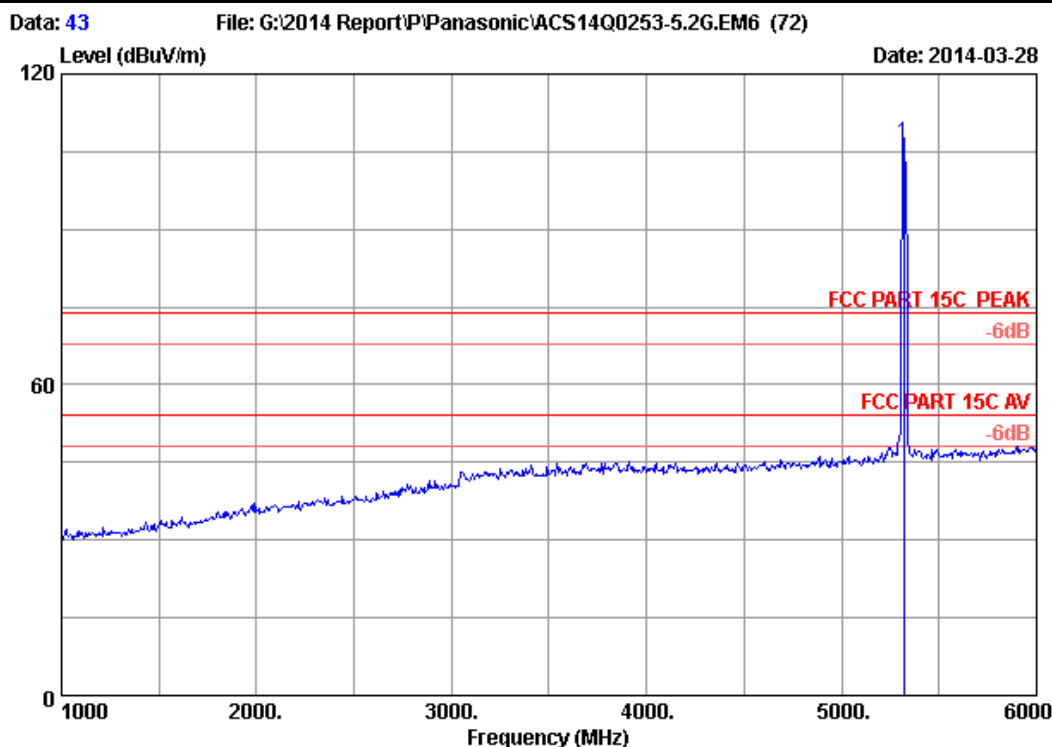
Site no.	: 3m Chamber	Data no.	: 41
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT20 5300MHz Tx		
M/N	: SC-ALL3		



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 5300MHz 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	10600.000	38.24	12.77	35.41	44.03	59.63	74.00	14.37	Peak
2	10600.000	38.24	12.77	35.41	31.04	46.64	54.00	7.36	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.

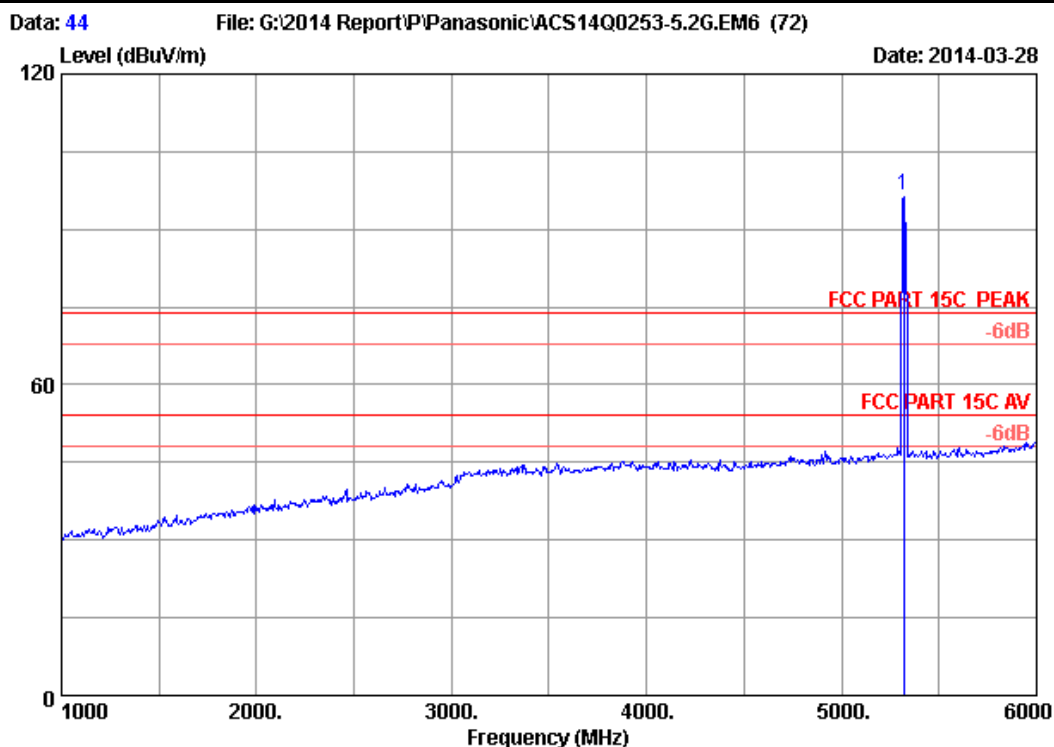


Site no. : 3m Chamber Data no. : 43
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5320MHz Tx
 M/N : SC-ALL3

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	5320.000	33.71	9.10	35.70	99.45	106.56	74.00	-32.56	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.

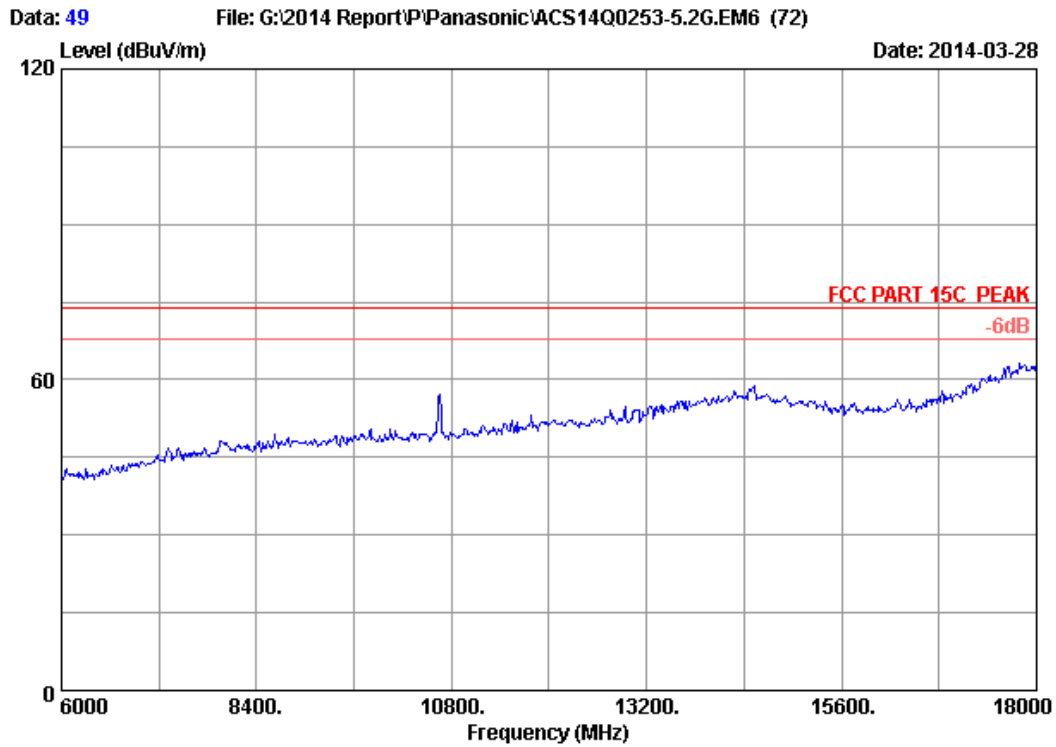


Site no. : 3m Chamber Data no. : 44
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5320MHz Tx
 M/N : SC-ALL3

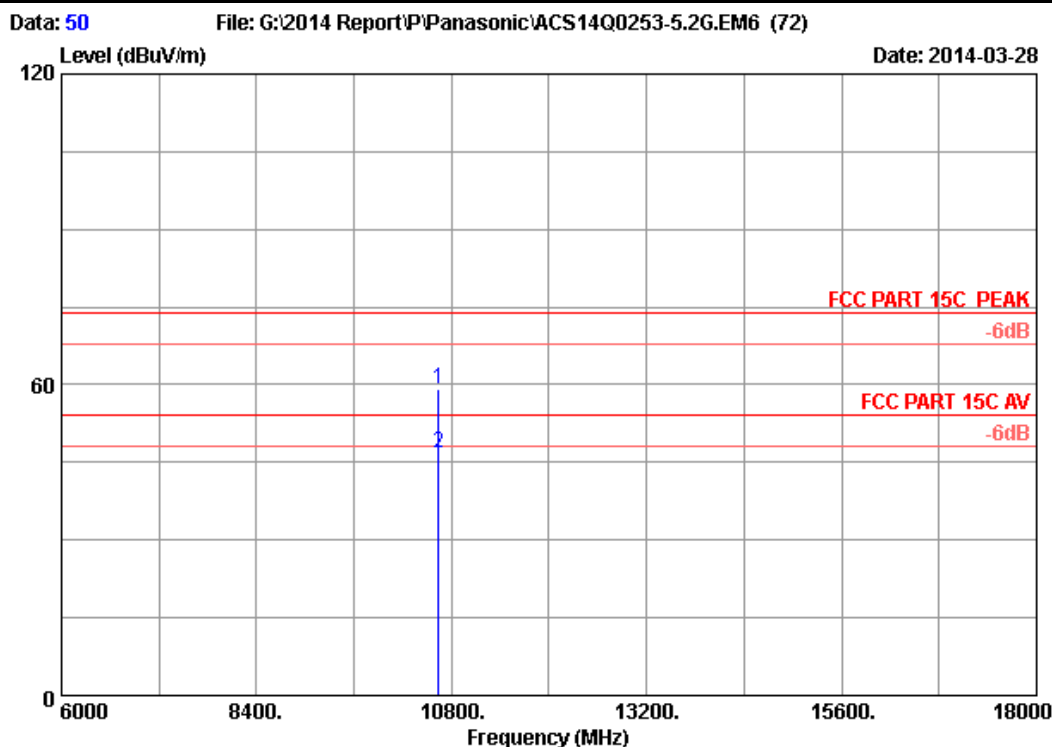
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5320.000	33.71	9.10	35.70	89.63	96.74	74.00	-22.74	Peak

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.



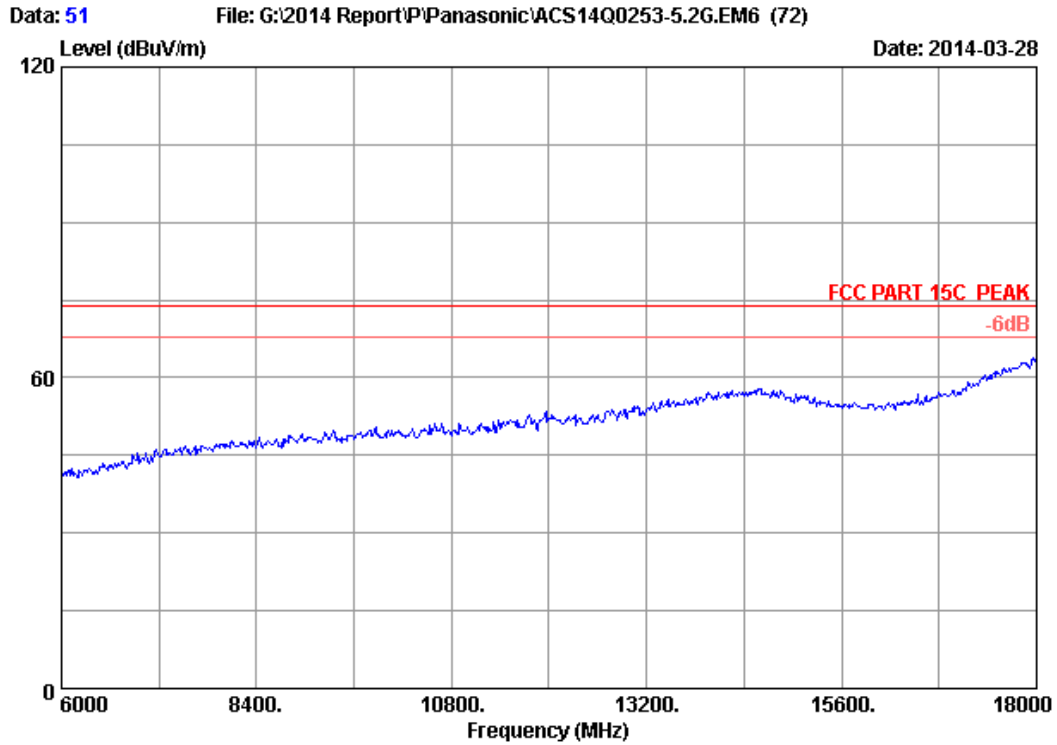
Site no.	: 3m Chamber	Data no.	: 49
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT20 5320MHz Tx		
M/N	: SC-ALL3		



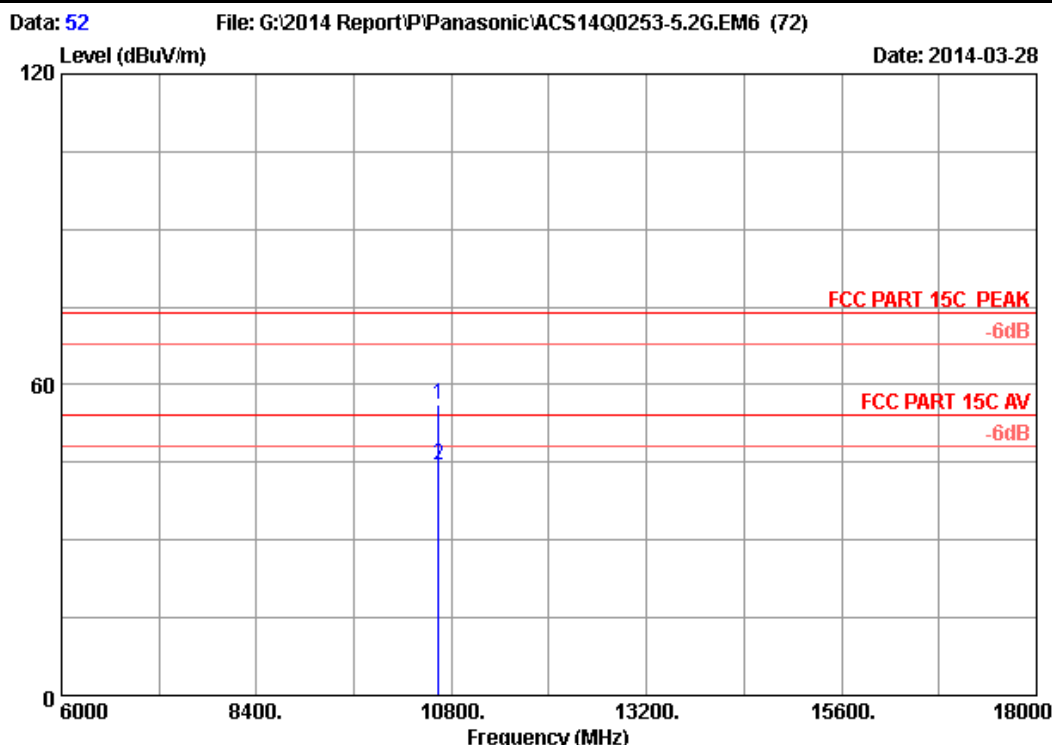
Site no. : 3m Chamber Data no. : 50
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5320MHz Tx
 M/N : SC-ALL3

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	10640.000	38.26	12.79	35.40	43.62	59.27	74.00	14.73	Peak
2	10640.000	38.26	12.79	35.40	31.03	46.68	54.00	7.32	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.



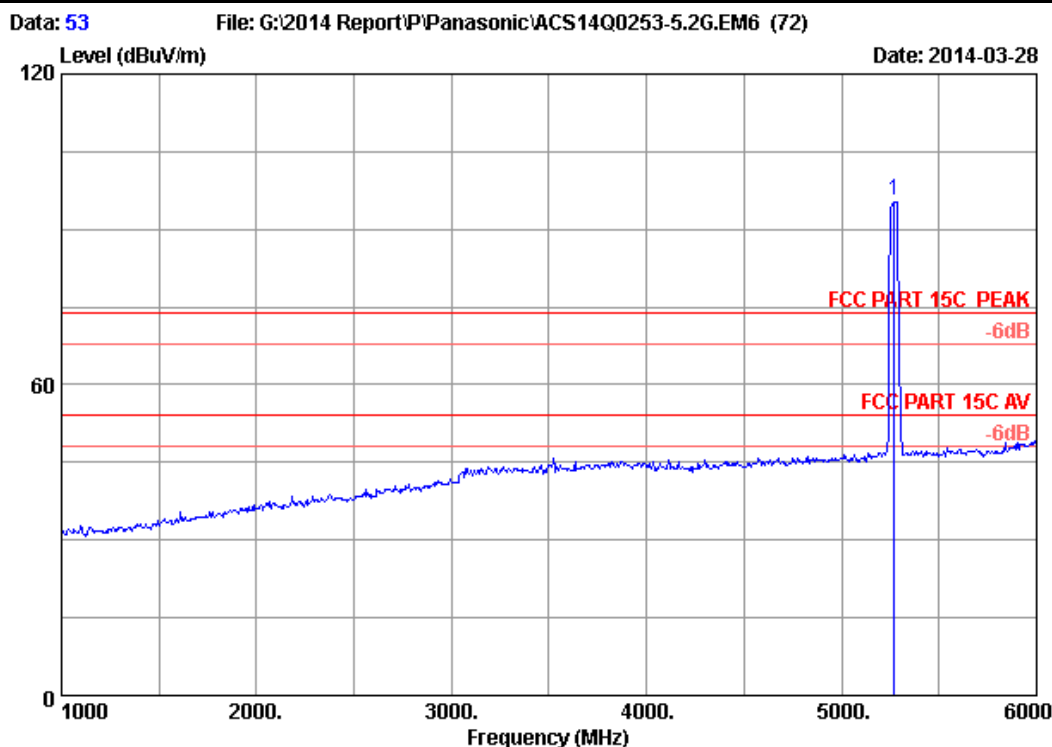
Site no.	: 3m Chamber	Data no.	: 51
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT20 5320MHz Tx		
M/N	: SC-ALL3		



Site no. : 3m Chamber Data no. : 52
 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 5320MHz 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	10640.000	38.26	12.79	35.40	40.62	56.27	74.00	17.73	Peak
2	10640.000	38.26	12.79	35.40	28.65	44.30	54.00	9.70	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.

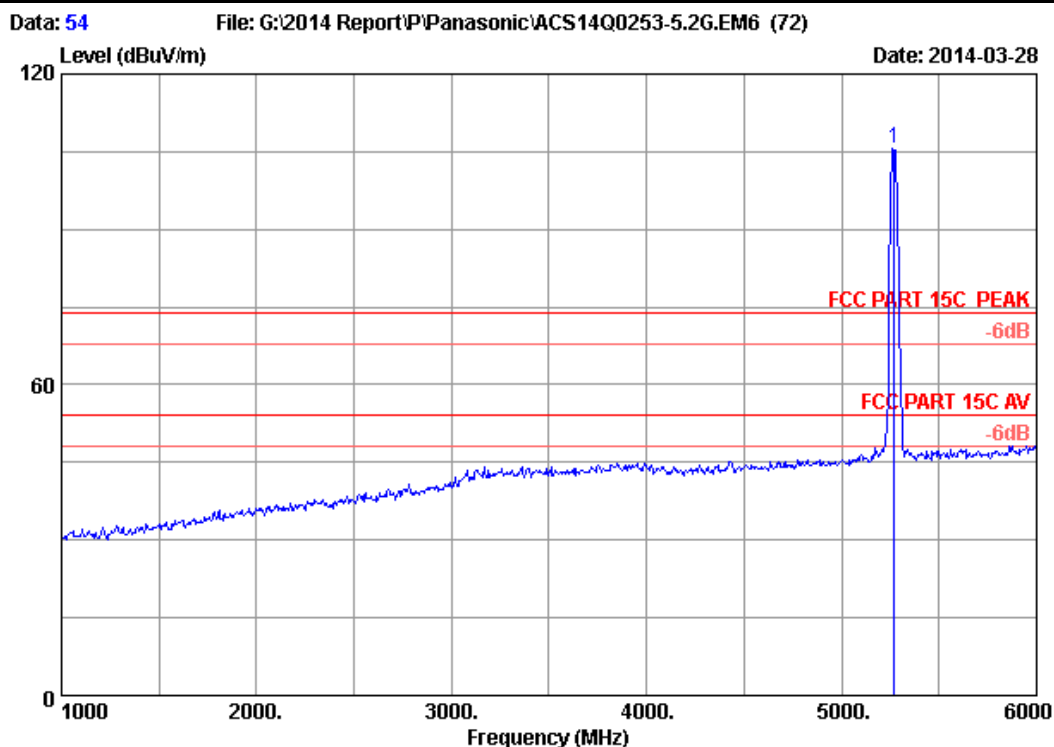


Site no. : 3m Chamber Data no. : 53
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 5270MHz Tx
 M/N : SC-ALL3

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	5270.000	33.63	9.05	35.70	88.56	95.54	74.00	-21.54	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.

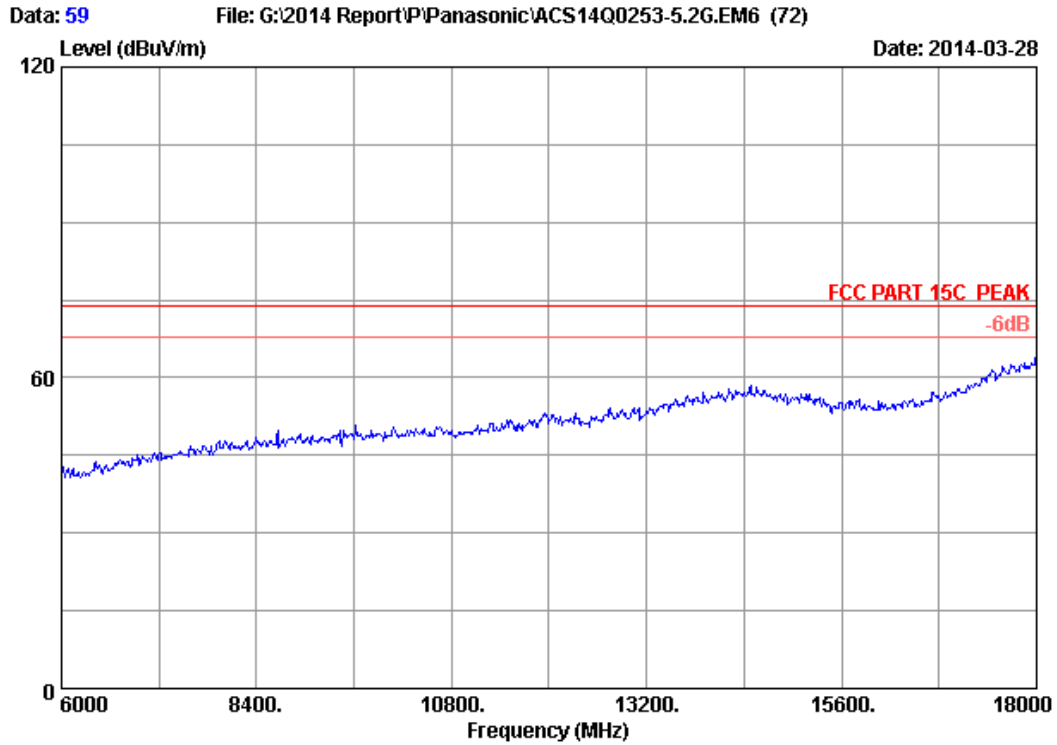


Site no. : 3m Chamber Data no. : 54
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 5270MHz Tx
 M/N : SC-ALL3

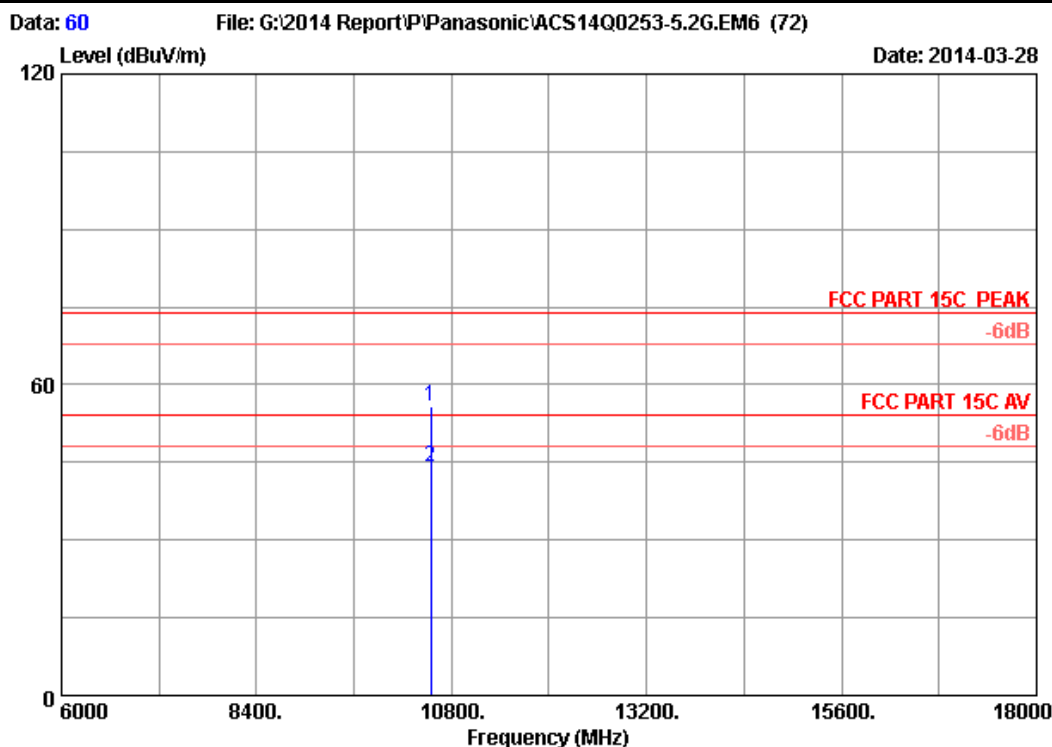
No.	Freq. (MHz)	Ant.	Cable	AMP	Emission				
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5270.000	33.63	9.05	35.70	98.53	105.51	74.00	-31.51	Peak

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.



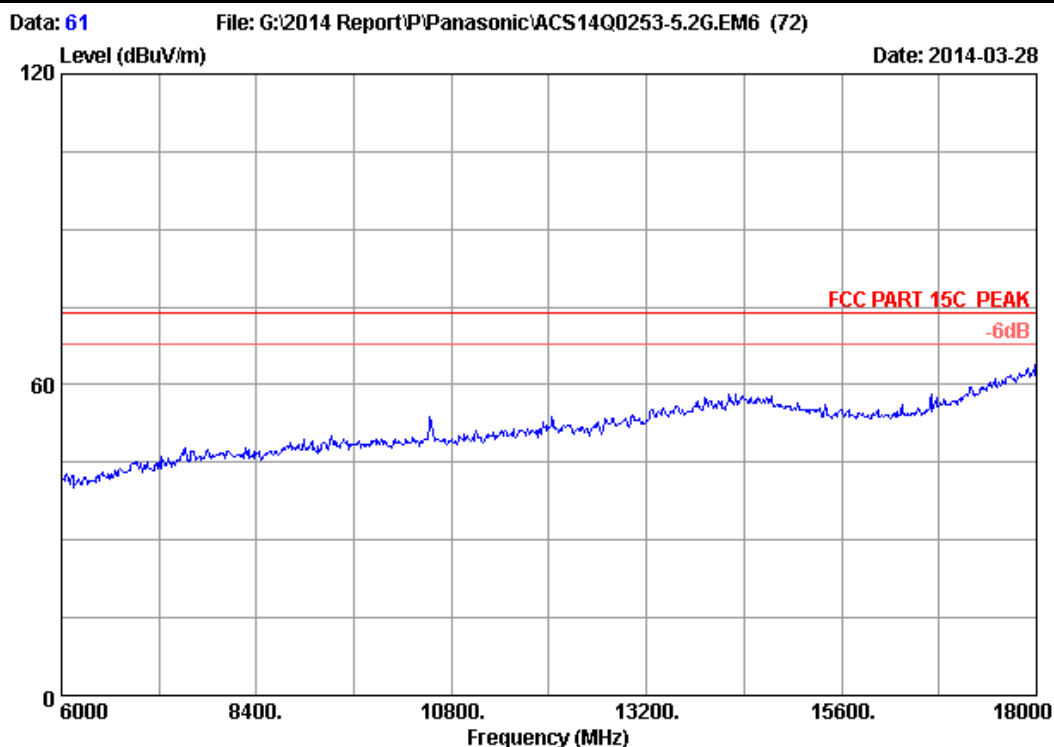
Site no.	: 3m Chamber	Data no.	: 59
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT40 5270MHz Tx		
M/N	: SC-ALL3		



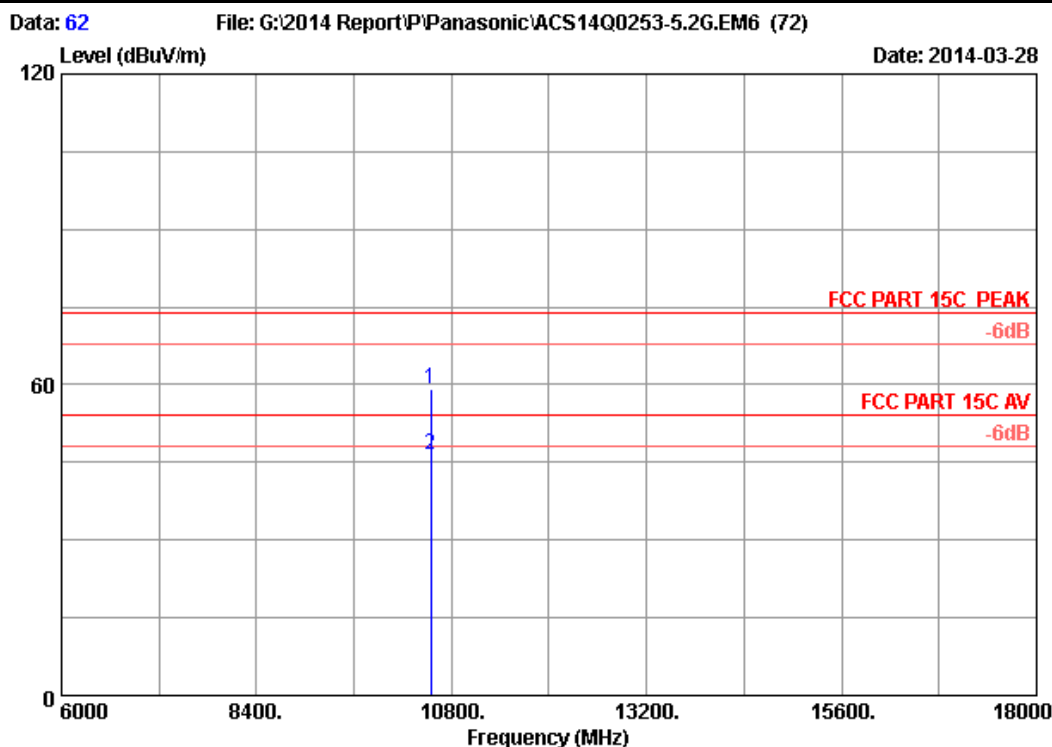
Site no. : 3m Chamber Data no. : 60
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24°C/56% Engineer : Leo-Li
EUT : Wireless Speaker System
Power Rating : AC 120V/60Hz
Test Mode : IEEE802.11nHT40 5270MHz Tx
M/N : SC-ALL3

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	10540.000	38.22	12.74	35.42	40.23	55.77	74.00	18.23	Peak
2	10540.000	38.22	12.74	35.42	28.56	44.10	54.00	9.90	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.



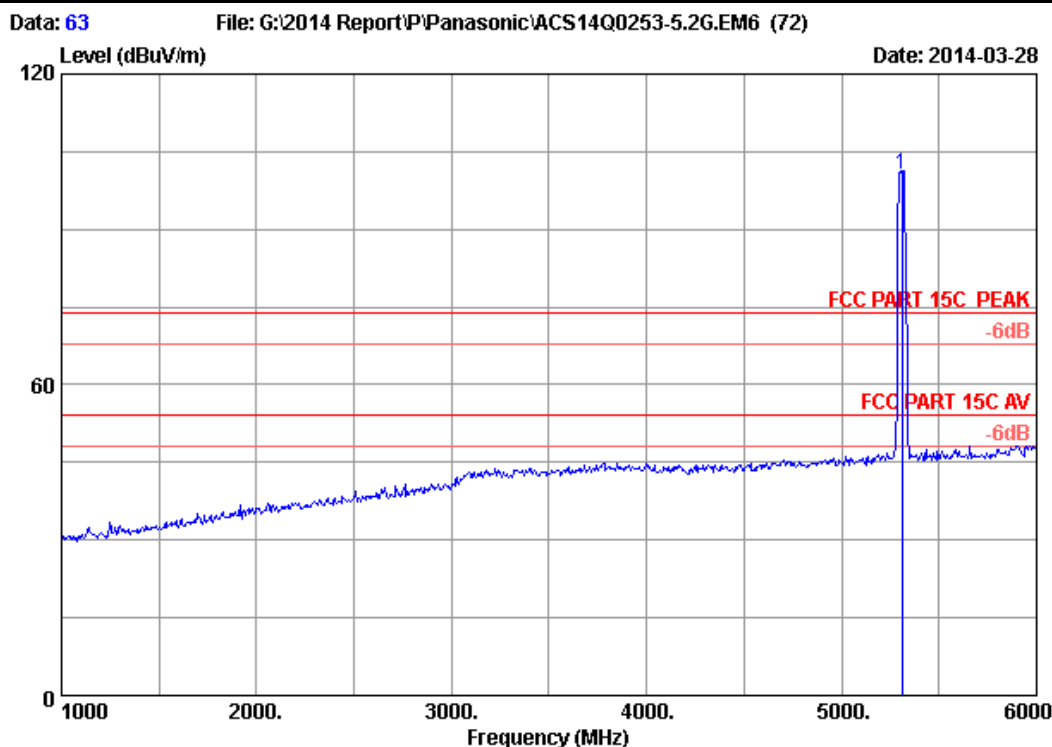
Site no.	: 3m Chamber	Data no.	: 61
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT40 5270MHz Tx		
M/N	: SC-ALL3		



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 5270MHz 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	10540.000	38.22	12.74	35.42	43.62	59.16	74.00	14.84	Peak
2	10540.000	38.22	12.74	35.42	31.02	46.56	54.00	7.44	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.

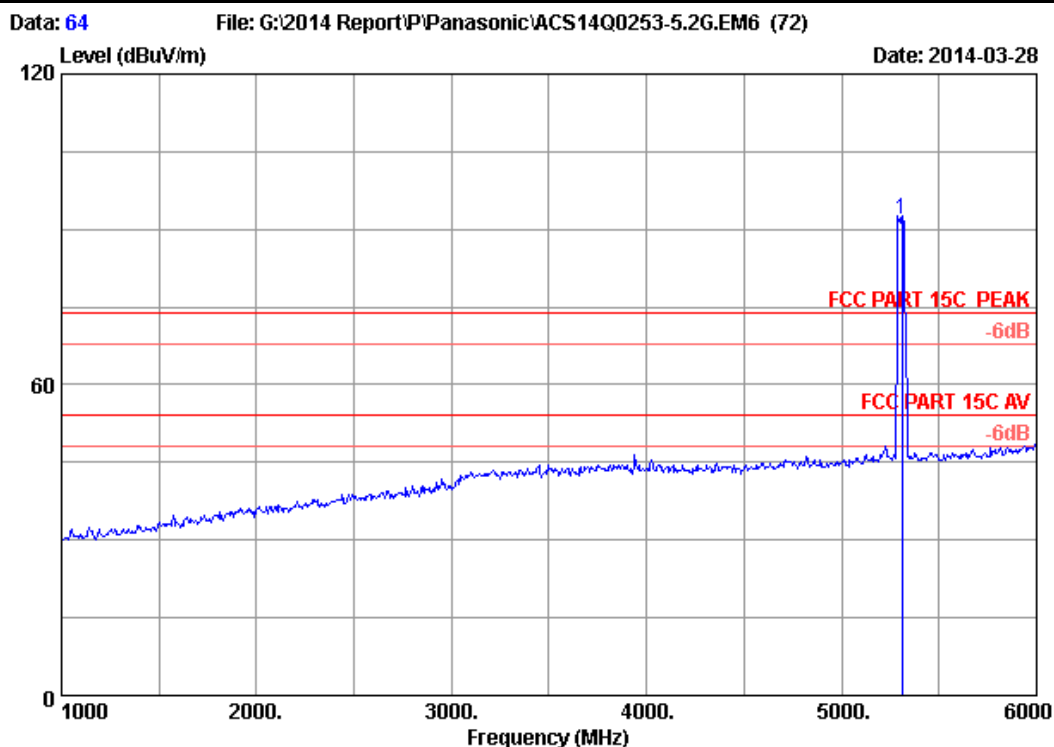


Site no. : 3m Chamber Data no. : 63
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 5310MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant.	Cable	AMP	Emission				
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5310.000	33.70	9.09	35.70	93.45	100.54	74.00	-26.54	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.

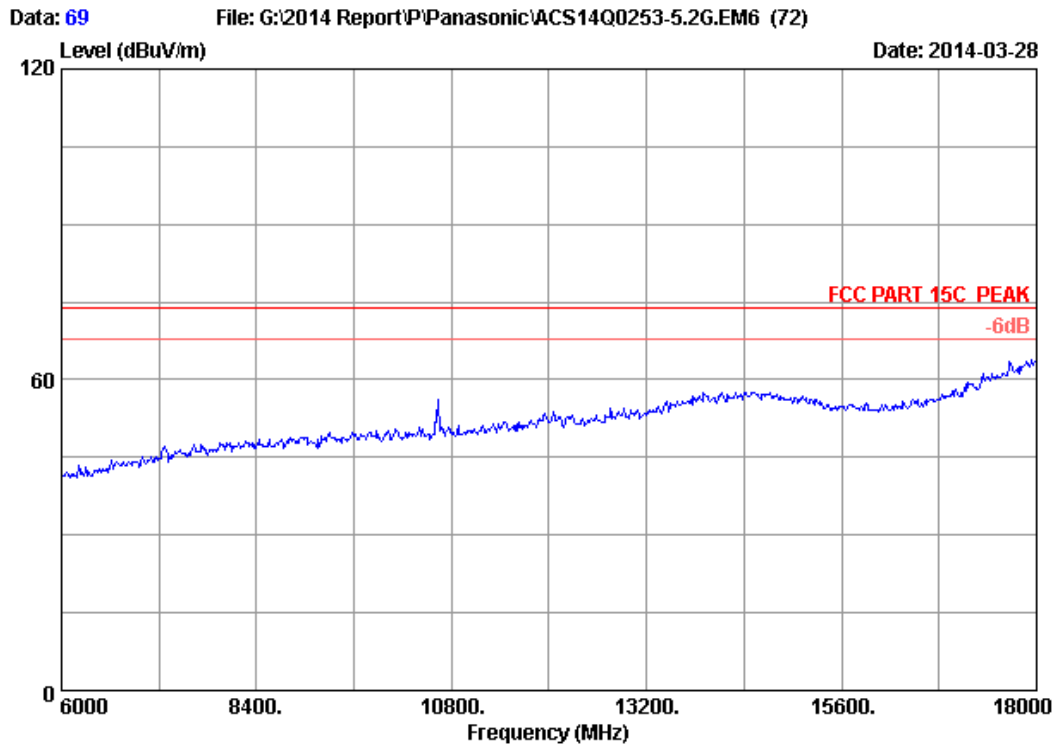


Site no. : 3m Chamber Data no. : 64
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 5310MHz Tx
 M/N : SC-ALL3

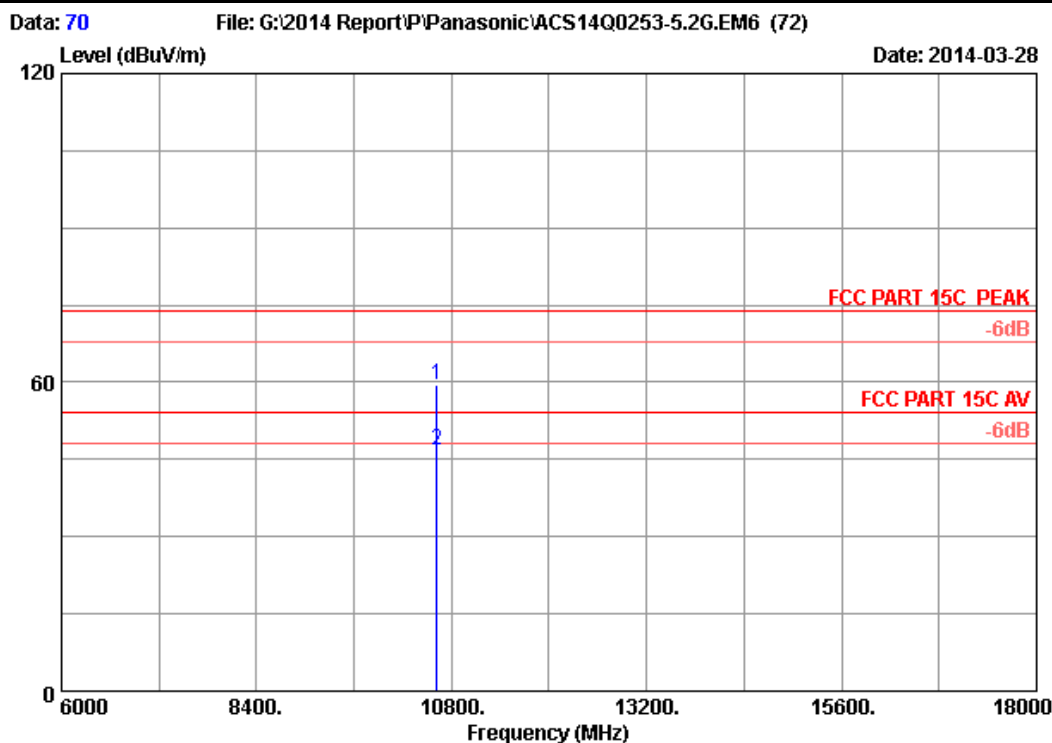
No.	Freq. (MHz)	Ant.	Cable	AMP	Emission				
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5310.000	33.70	9.09	35.70	84.96	92.05	74.00	-18.05	Peak

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.



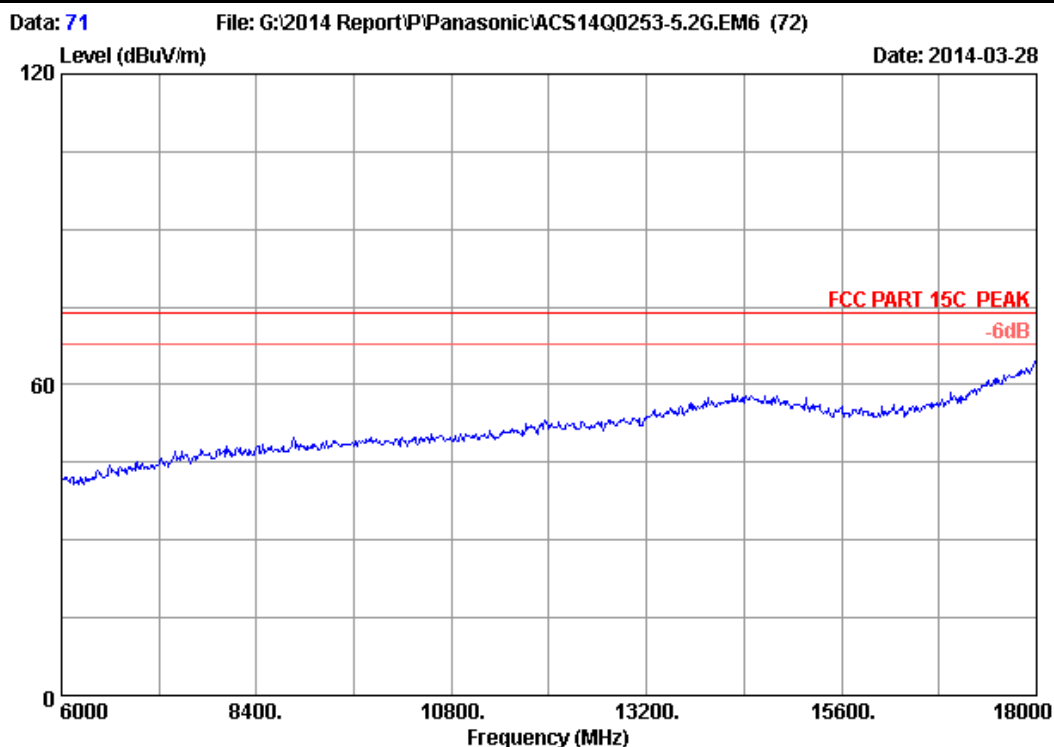
Site no.	: 3m Chamber	Data no.	: 69
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT40 5310MHz Tx		
M/N	: SC-ALL3		



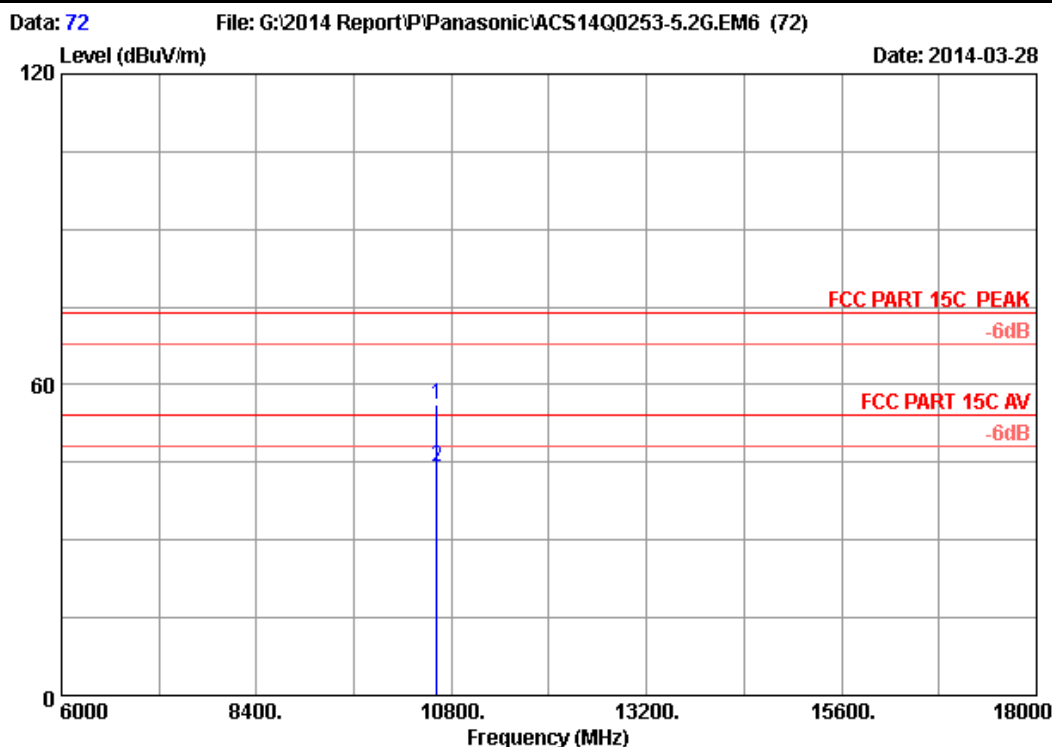
Site no. : 3m Chamber Data no. : 70
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24°C/56% Engineer : Leo-Li
EUT : Wireless Speaker System
Power Rating : AC 120V/60Hz
Test Mode : IEEE802.11nHT40 5310MHz Tx
M/N : SC-ALL3

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	10620.000	38.25	12.78	35.41	43.97	59.59	74.00	14.41	Peak
2	10620.000	38.25	12.78	35.41	31.02	46.64	54.00	7.36	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 5310MHz Tx		
M/N	: SC-ALL3		



Site no. : 3m Chamber Data no. : 72
 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 5310MHz 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	10620.000	38.25	12.78	35.41	40.57	56.19	74.00	17.81	Peak
2	10620.000	38.25	12.78	35.41	28.63	44.25	54.00	9.75	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.

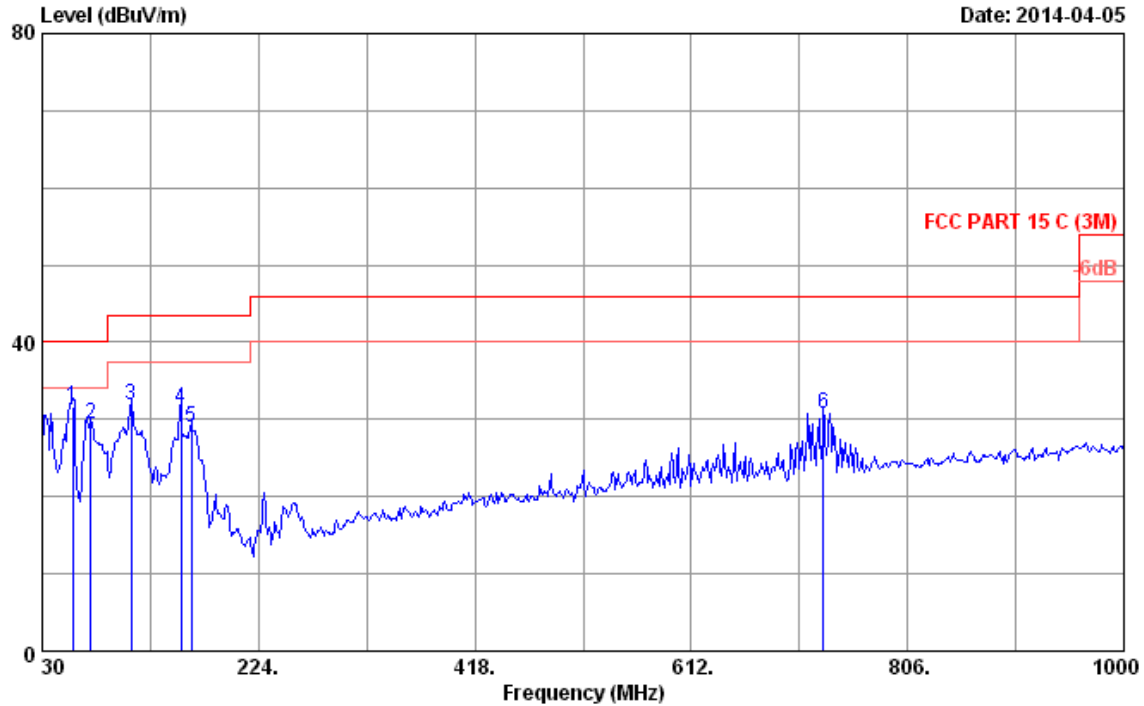
5470-5725MHz Band:

Frequency: 30MHz~1GHz

Data: 7

File: E:\2014 Report Data\PPanasonic\ACS14Q0253.EM6 (30)

Date: 2014-04-05

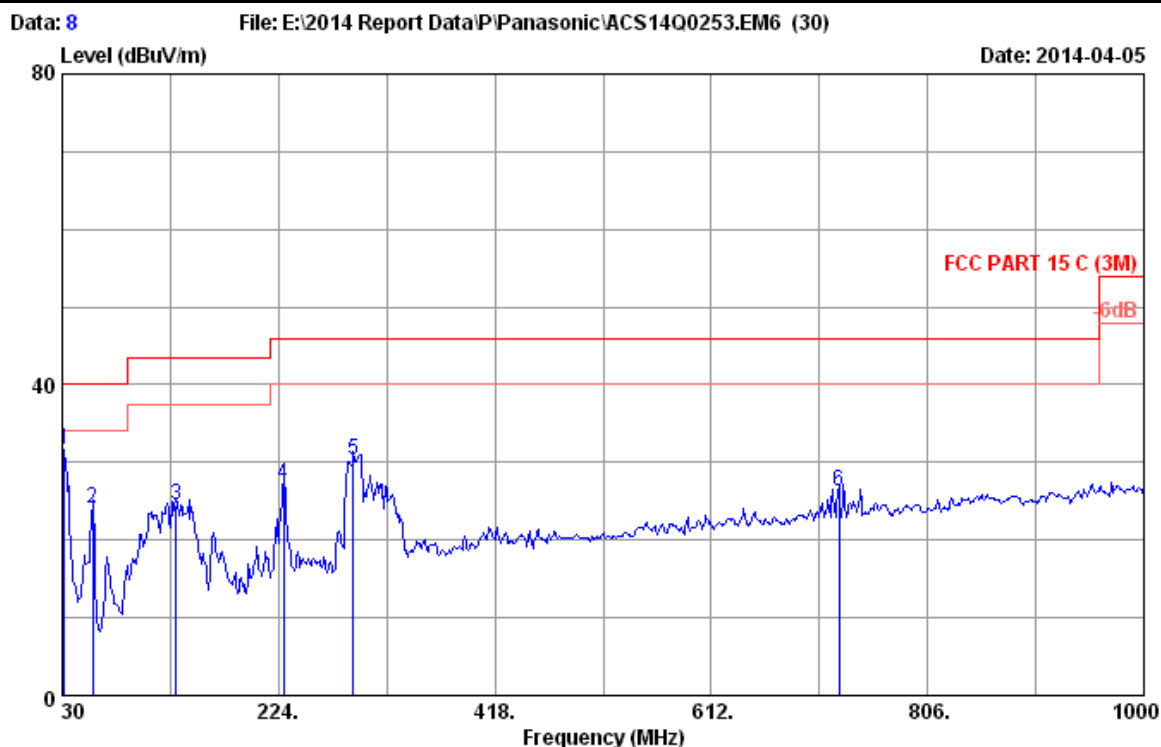


Site no. : 3m Chamber
 Dis. / Ant. : 3m 2013 CBL6112D 35375
 Limit : FCC PART 15 C (3M)
 Env. / Ins. : 24°C/65%
 EUT : Wireless Speaker System
 Power rating : AC 120V/60Hz
 Test Mode : Tx Mode(WIFI 5.4G)
 M/N:SC-ALL3

Data no. : 7
 Ant. pol. : VERTICAL
 Engineer : Even_Deng

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	57.160	7.07	1.22	23.36	31.65	40.00	8.35	QP
2	73.650	7.07	1.29	21.04	29.40	40.00	10.60	QP
3	109.540	12.25	1.45	18.10	31.80	43.50	11.70	QP
4	154.160	11.09	1.62	18.68	31.39	43.50	12.11	QP
5	163.860	10.61	1.65	16.79	29.05	43.50	14.45	QP
6	730.340	20.01	3.41	7.26	30.68	46.00	15.32	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. : 8
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 5.4G)
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	31.940	18.84	0.86	11.91	31.61	40.00	8.39	QP
2	57.160	7.07	1.22	15.82	24.11	40.00	15.89	QP
3	131.850	12.71	1.53	10.18	24.42	43.50	19.08	QP
4	228.850	11.14	1.90	14.06	27.10	46.00	18.90	QP
5	290.930	13.80	2.14	14.44	30.38	46.00	15.62	QP
6	726.460	19.93	3.40	2.87	26.20	46.00	19.80	QP

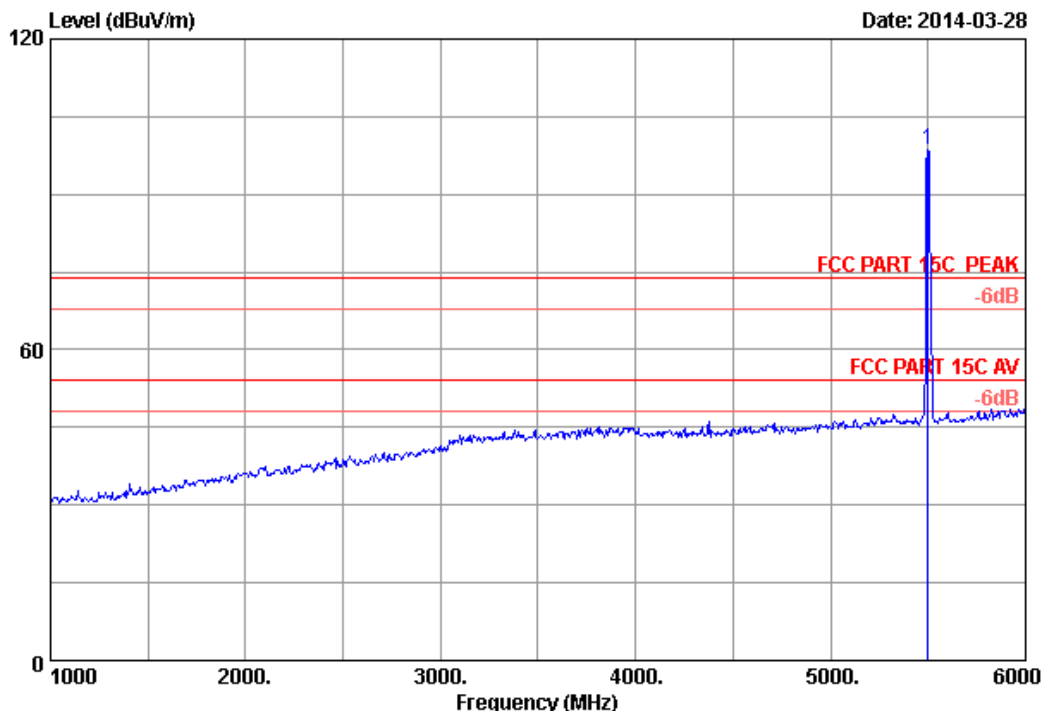
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

5470-5725MHz Band:
Frequency: 1GHz~18GHz

Data: 1

File: G:\2014 Report\PPanasonic\ACS14Q0253-5.4G.EM6 (72)

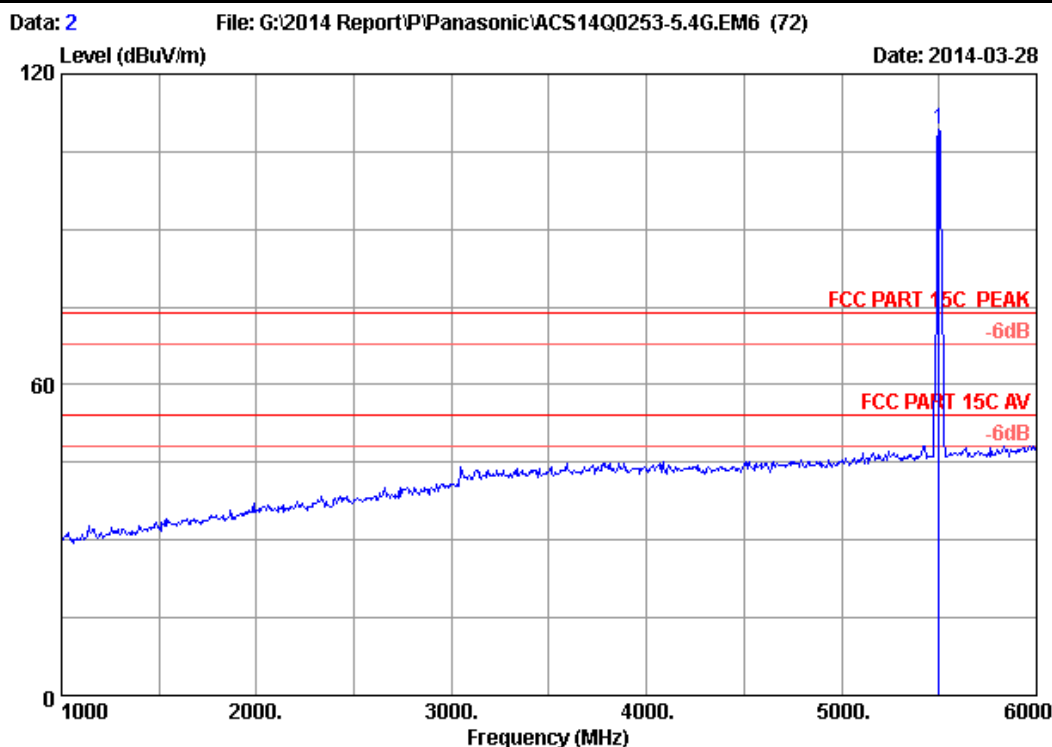
Date: 2014-03-28



Site no.	: 3m Chamber	Data no.	: 1
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 5500MHz 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	5500.000	34.00	9.29	35.70	90.86	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.

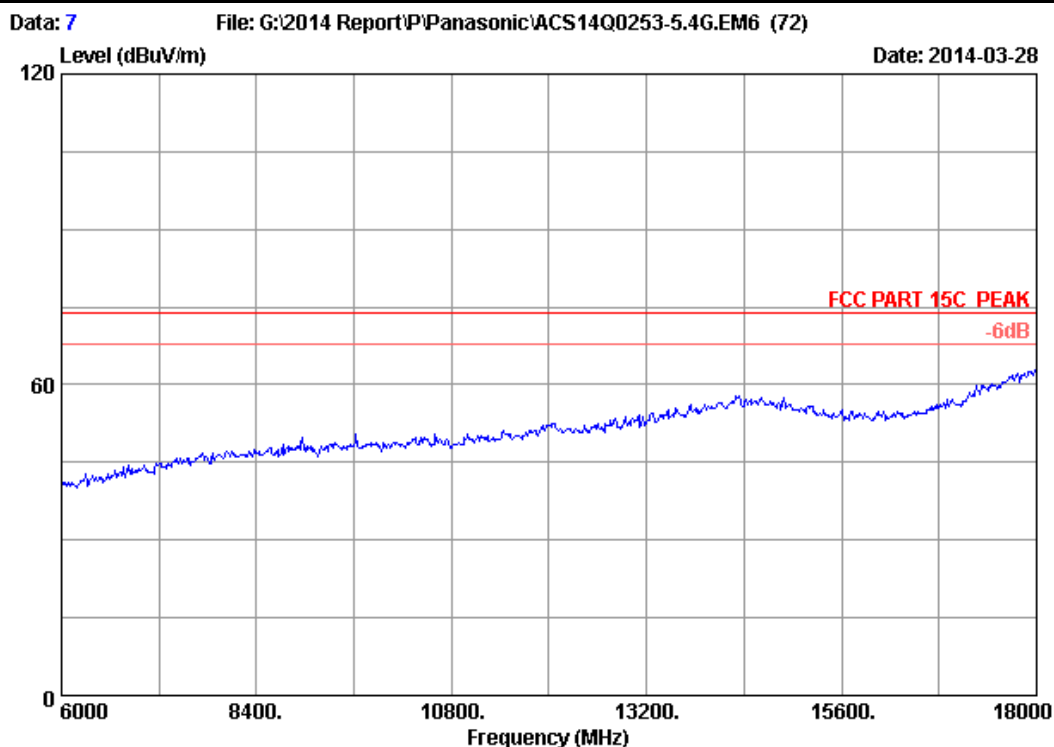


Site no. : 3m Chamber Data no. : 2
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5500MHz Tx
 M/N : SC-ALL3

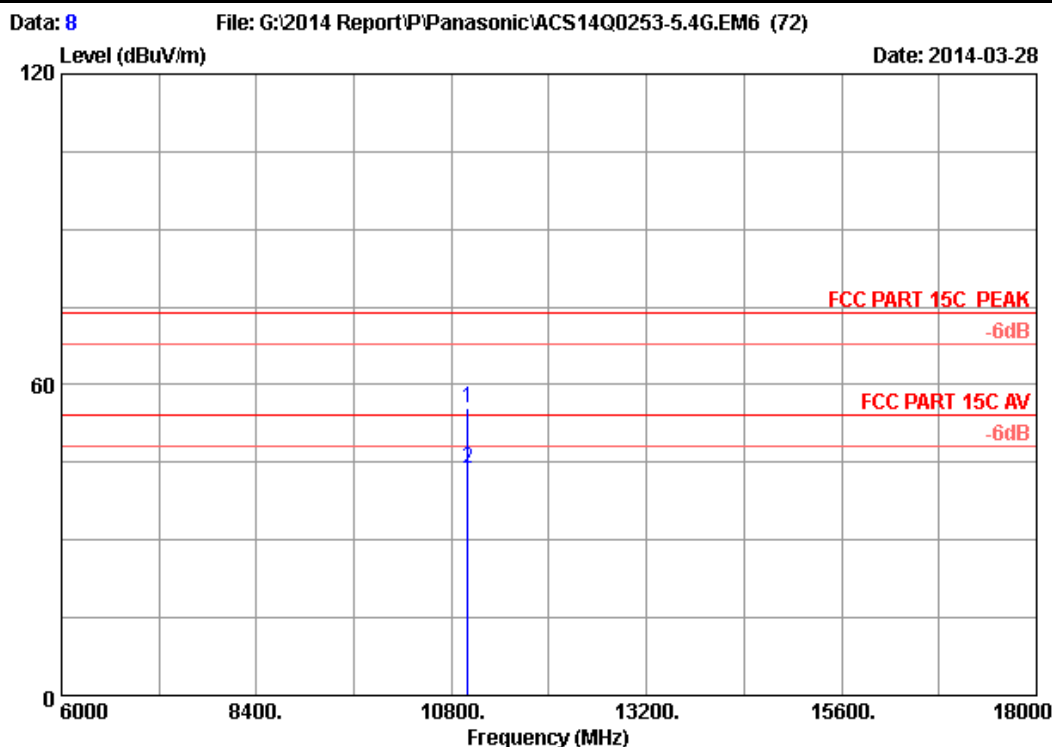
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5500.000	34.00	9.29	35.70	101.62	109.21	74.00	-35.21	Peak

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.



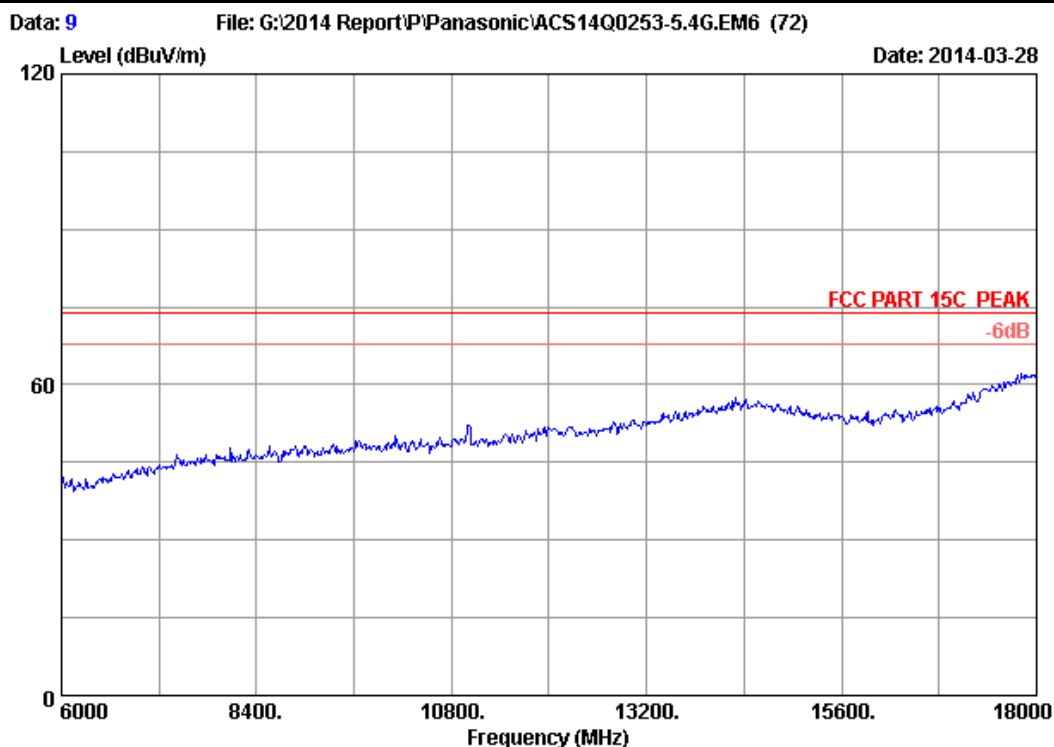
Site no.	: 3m Chamber	Data no.	: 7
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11a 5500MHz Tx		
M/N	: SC-ALL3		



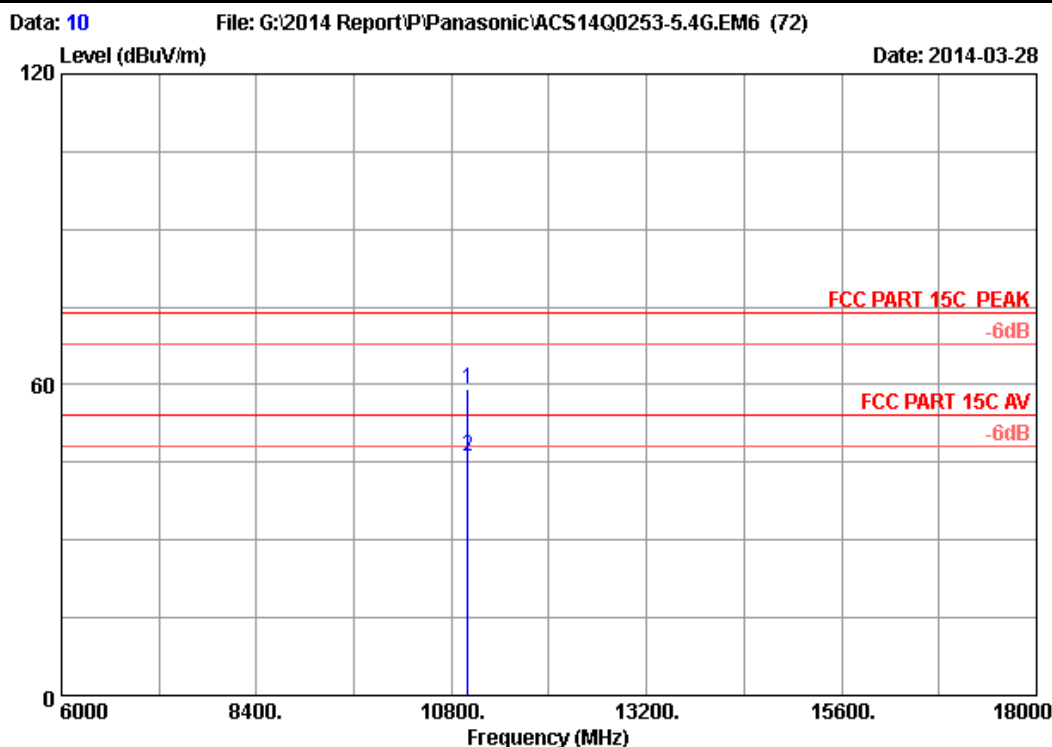
Site no. : 3m Chamber Data no. : 8
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24°C/56% Engineer : Leo-Li
EUT : Wireless Speaker System
Power Rating : AC 120V/60Hz
Test Mode : IEEE802.11a 5500MHz Tx
M/N : SC-ALL3

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	11000.000	38.40	13.00	35.35	39.52	55.57	74.00	18.43	Peak
2	11000.000	38.40	13.00	35.35	27.61	43.66	54.00	10.34	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.



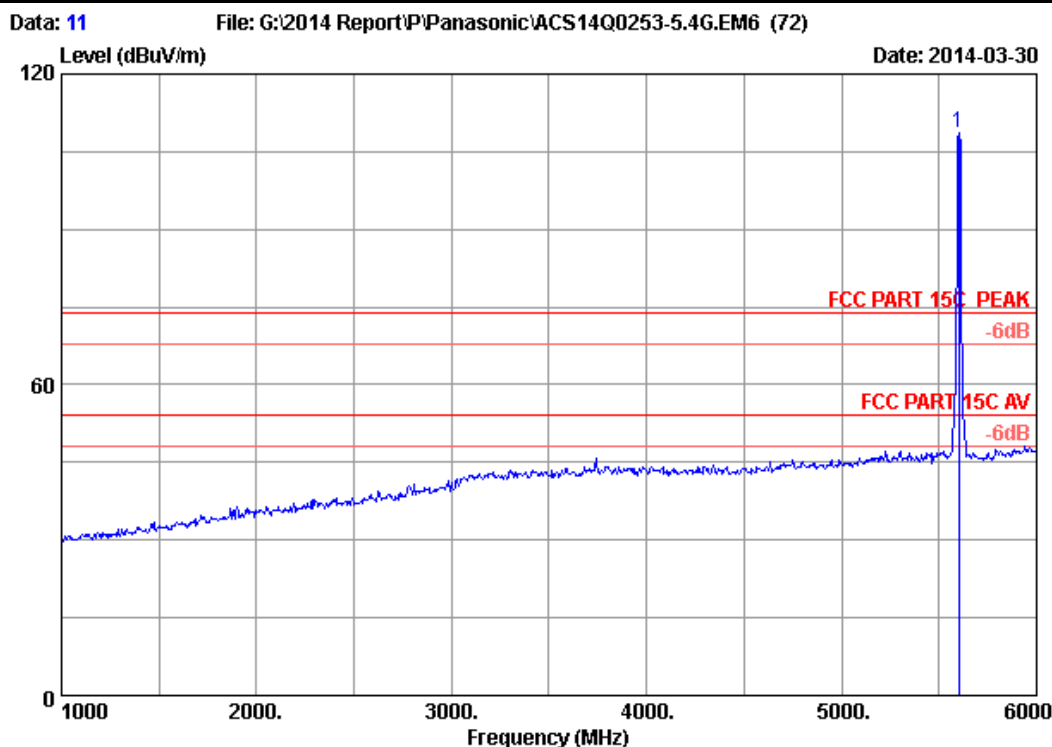
Site no.	: 3m Chamber	Data no.	: 9
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11a 5500MHz Tx		
M/N	: SC-ALL3		



Site no. : 3m Chamber Data no. : 10
 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 5500MHz 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	11000.000	38.40	13.00	35.35	43.17	59.22	74.00	14.78	Peak
2	11000.000	38.40	13.00	35.35	30.05	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.

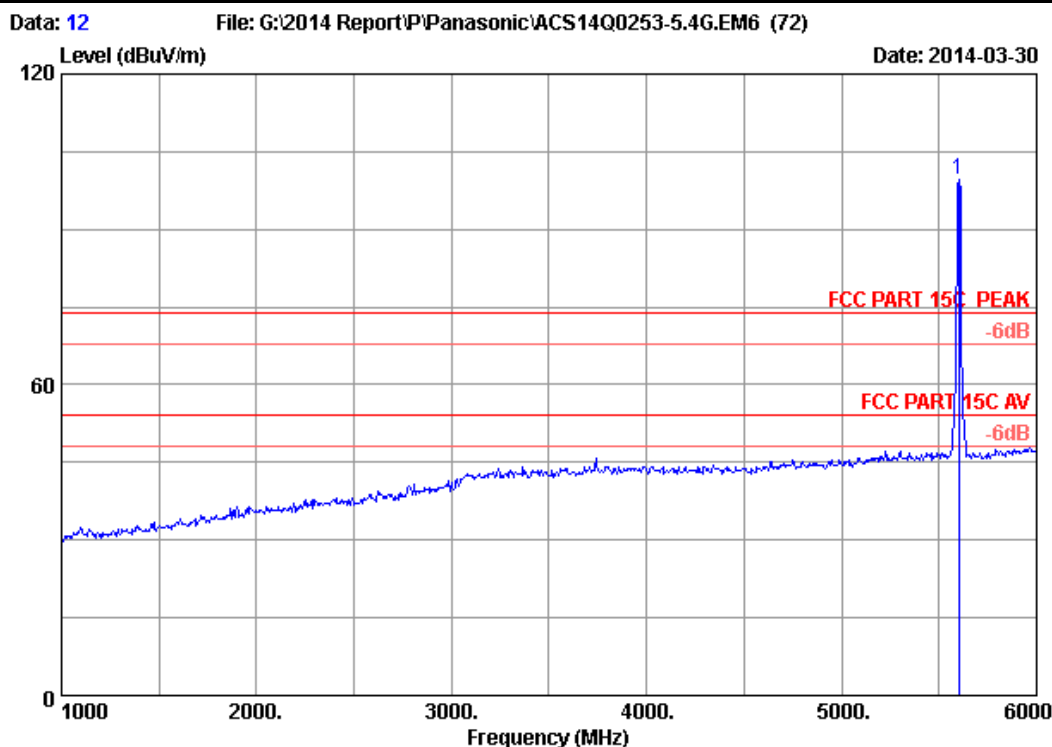


Site no. : 3m Chamber Data no. : 11
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5600MHz Tx
 M/N : SC-ALL3

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	5600.000	34.04	9.39	35.70	100.79	108.52	74.00	-34.52	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.

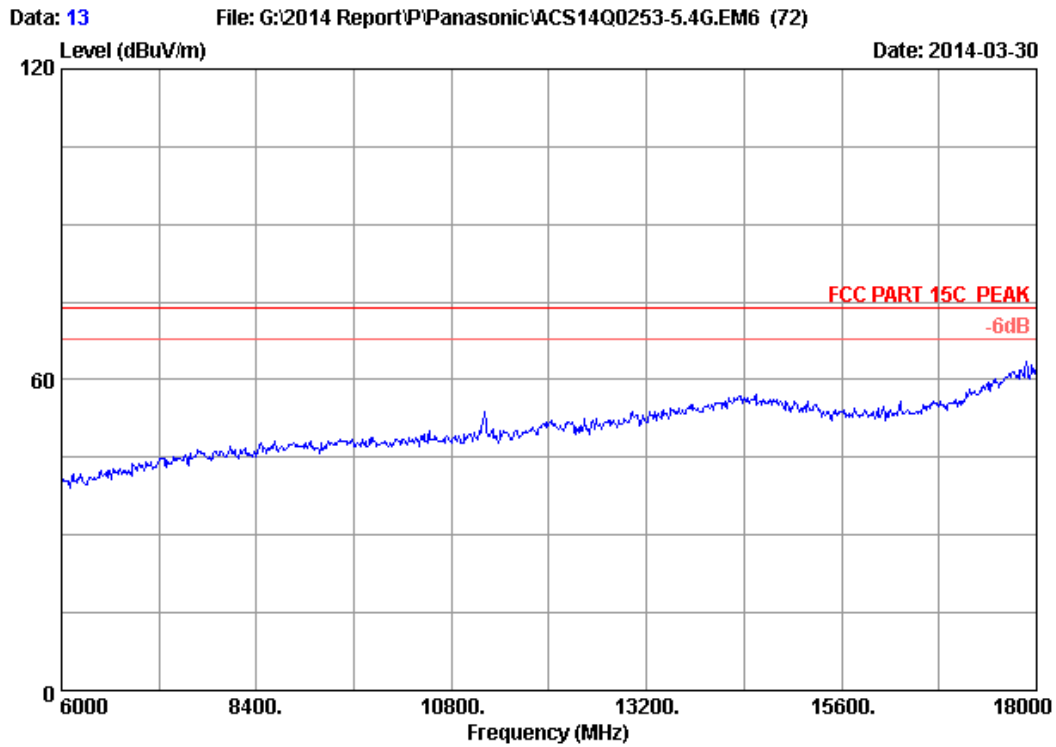


Site no. : 3m Chamber Data no. : 12
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5600MHz Tx
 M/N : SC-ALL3

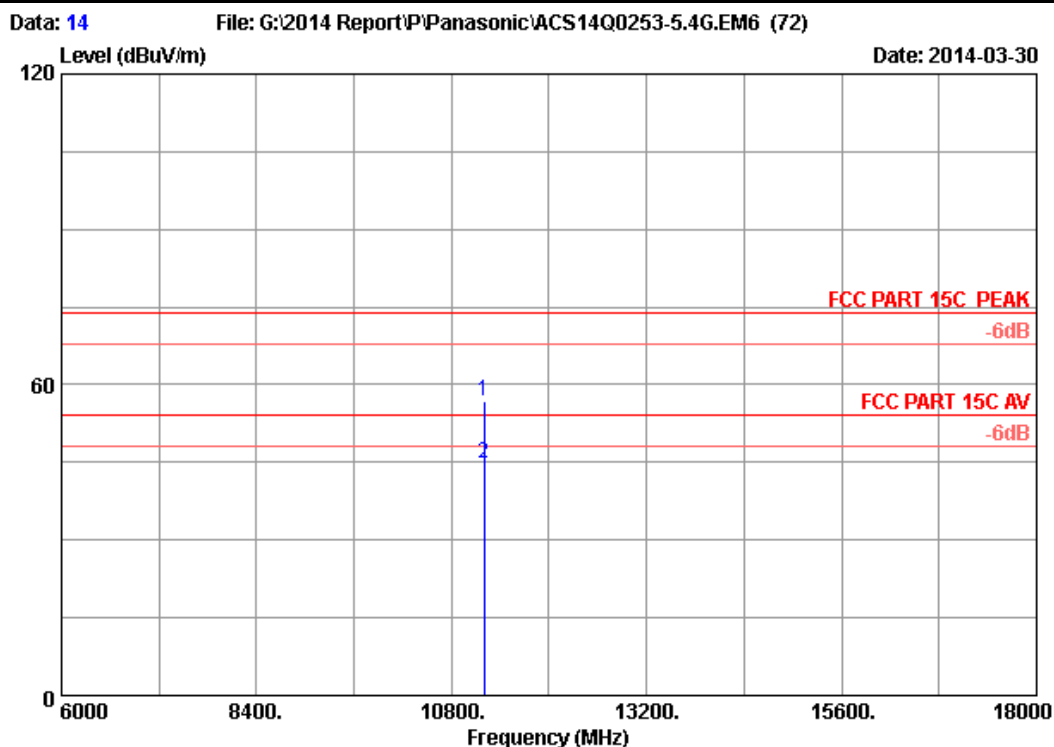
No.	Freq. (MHz)	Ant.	Cable	AMP	Emission				
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5600.000	34.04	9.39	35.70	91.79	99.52	74.00	-25.52	Peak

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.



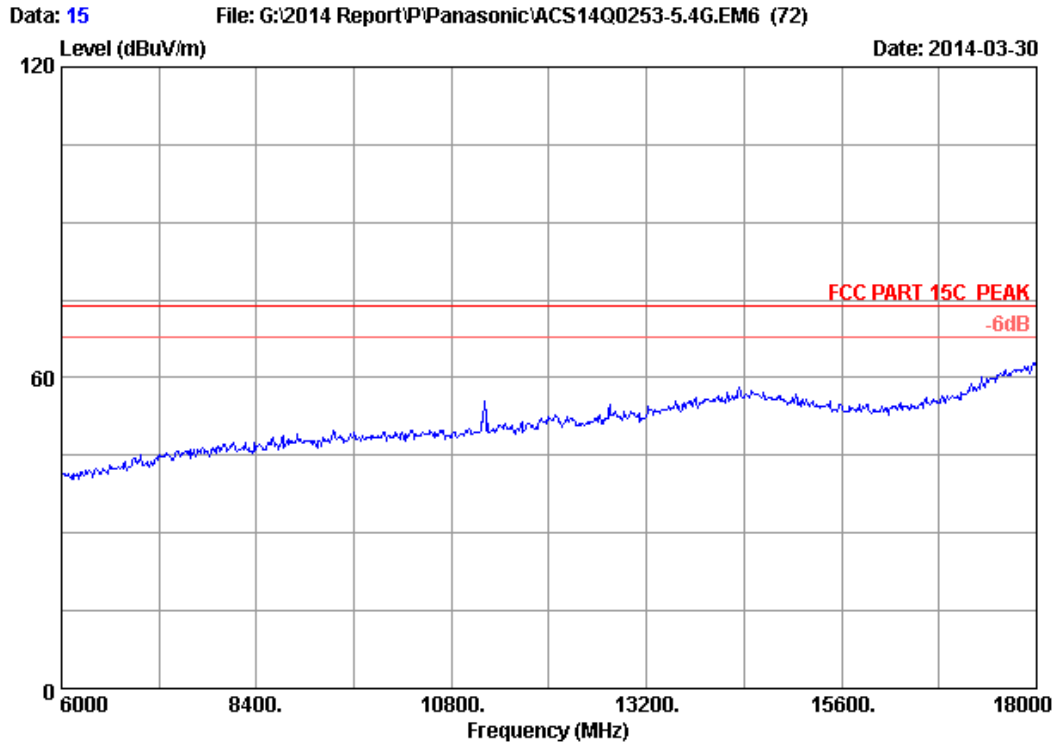
Site no.	: 3m Chamber	Data no.	: 13
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11a 5600MHz Tx		
M/N	: SC-ALL3		



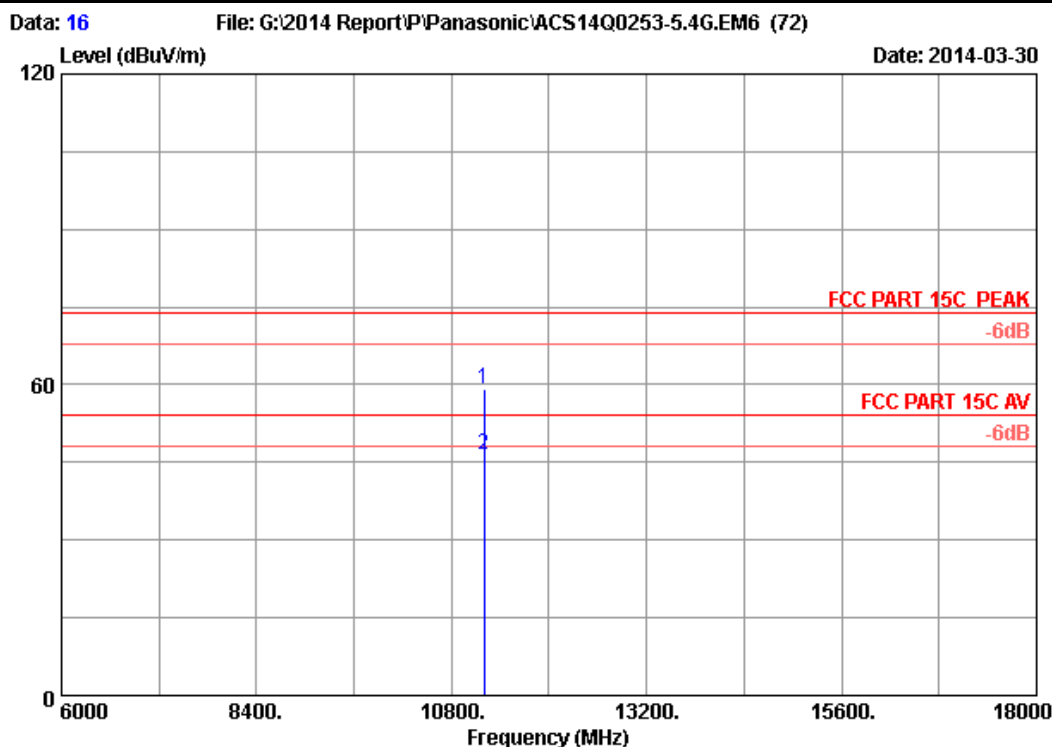
Site no. : 3m Chamber Data no. : 14
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5600MHz Tx
 M/N : SC-ALL3

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	11200.000	38.52	13.11	35.32	40.50	56.81	74.00	17.19	Peak
2	11200.000	38.52	13.11	35.32	28.41	44.72	54.00	9.28	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.



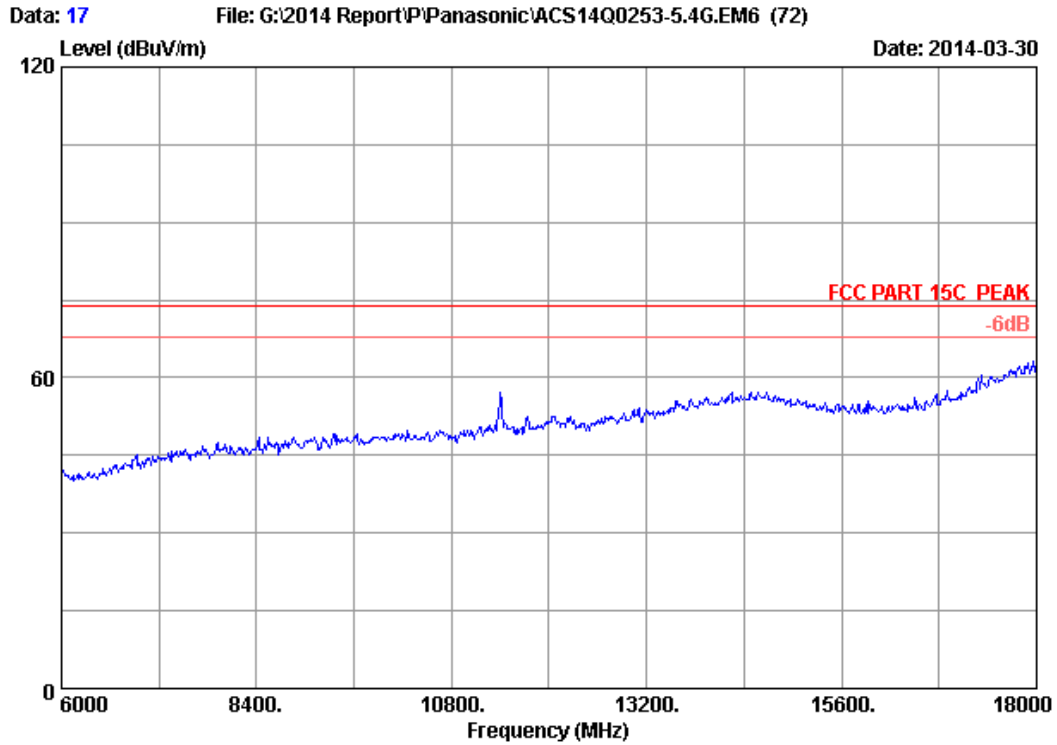
Site no.	: 3m Chamber	Data no.	: 15
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11a 5600MHz Tx		
M/N	: SC-ALL3		



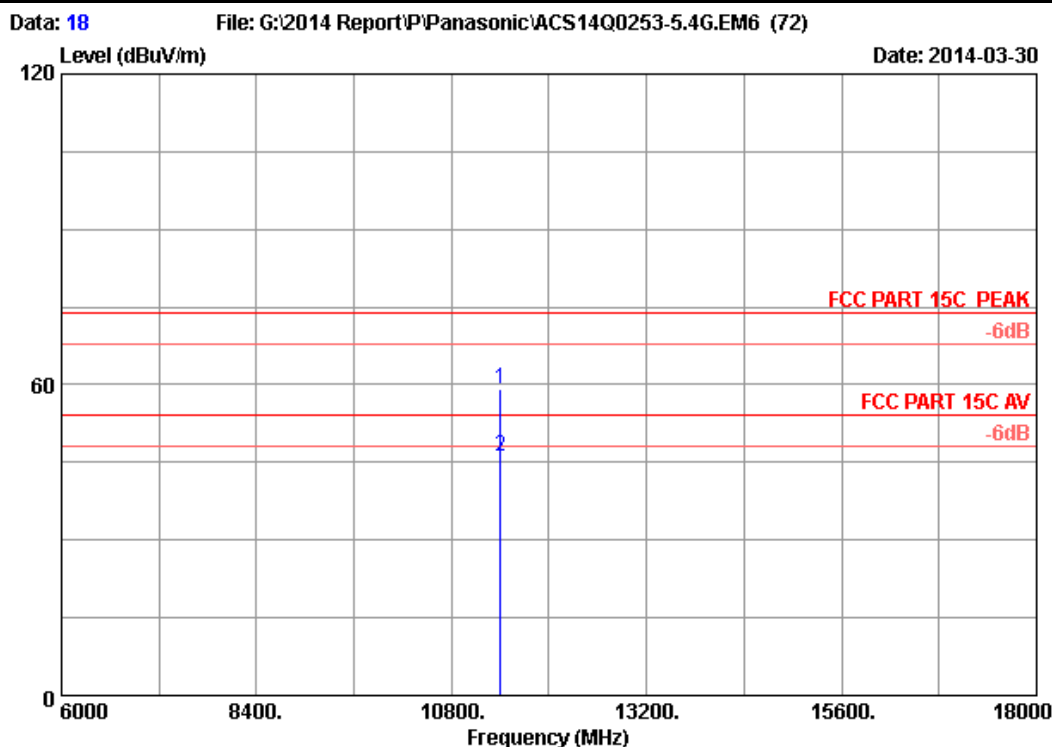
Site no. : 3m Chamber Data no. : 16
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5600MHz Tx
 M/N : SC-ALL3

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	11200.000	38.52	13.11	35.32	43.02	59.33	74.00	14.67	Peak
2	11200.000	38.52	13.11	35.32	30.19	46.50	54.00	7.50	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.



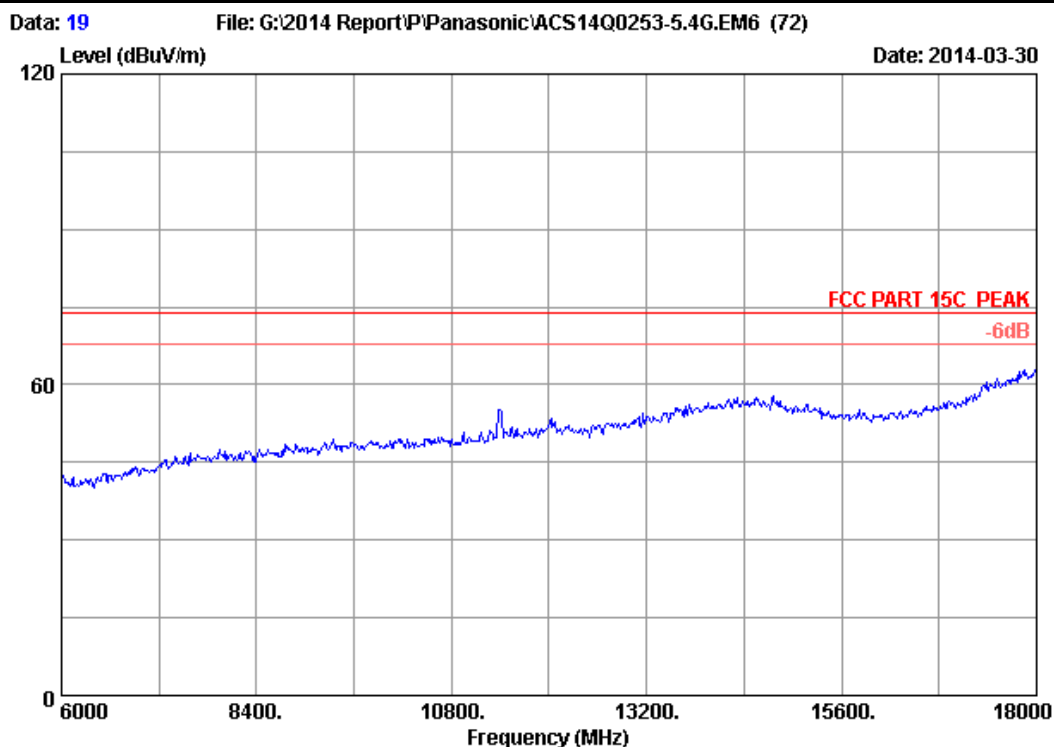
Site no.	: 3m Chamber	Data no.	: 17
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11a 5700MHz Tx		
M/N	: SC-ALL3		



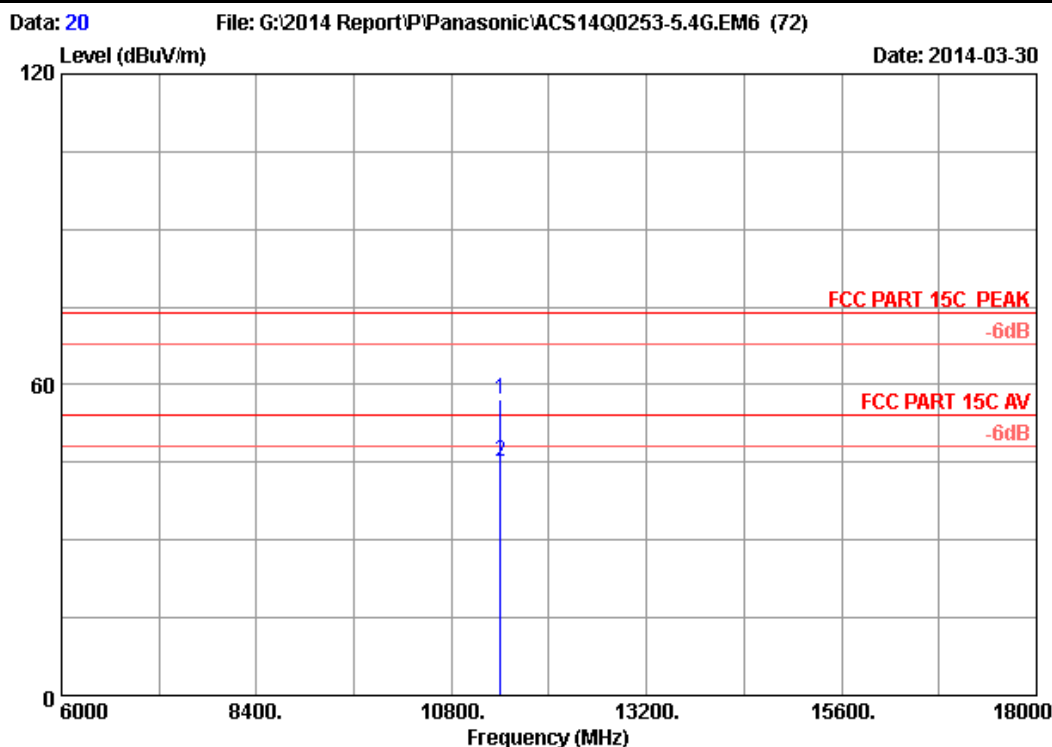
Site no. : 3m Chamber Data no. : 18
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24°C/56% Engineer : Leo-Li
EUT : Wireless Speaker System
Power Rating : AC 120V/60Hz
Test Mode : IEEE802.11a 5700MHz Tx
M/N : SC-ALL3

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	11400.000	38.64	13.23	35.29	42.69	59.27	74.00	14.73	Peak
2	11400.000	38.64	13.23	35.29	29.49	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.



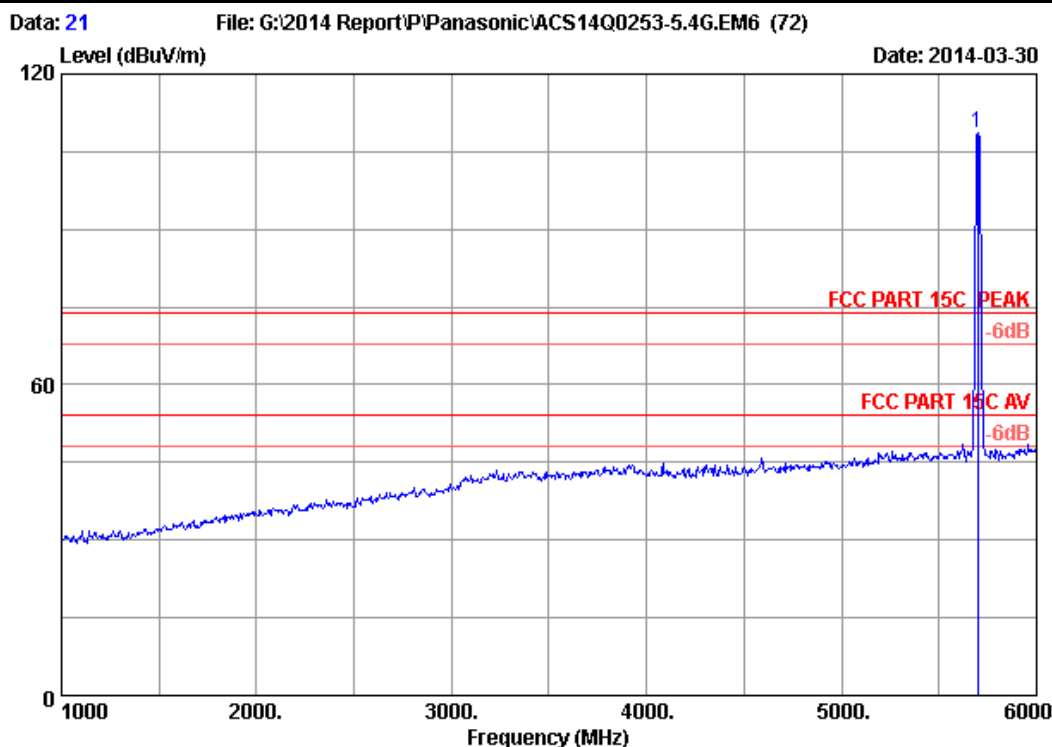
Site no.	: 3m Chamber	Data no.	: 19
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11a 5700MHz Tx		
M/N	: SC-ALL3		



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 : IEEE802.11a 5700MHz 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	11400.000	38.64	13.23	35.29	40.67	57.25	74.00	16.75	Peak
2	11400.000	38.64	13.23	35.29	28.71	45.29	54.00	8.71	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.

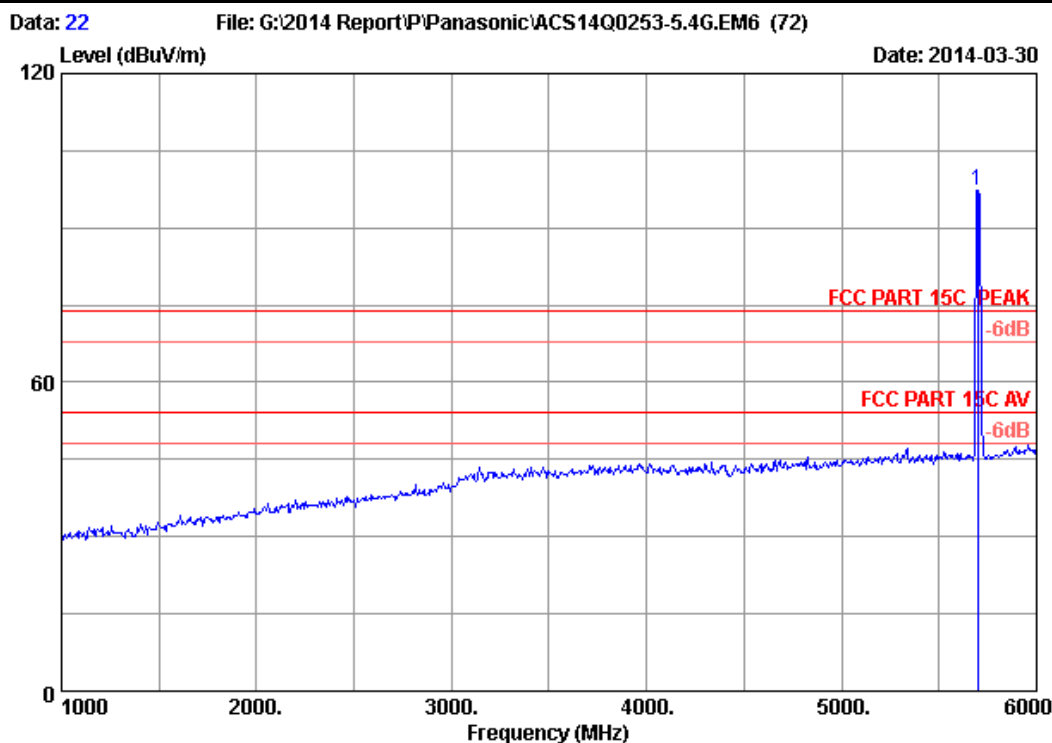


Site no. : 3m Chamber Data no. : 21
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5700MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant.	Cable	AMP	Emission				
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5700.000	34.08	9.50	35.70	100.69	108.57	74.00	-34.57	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.

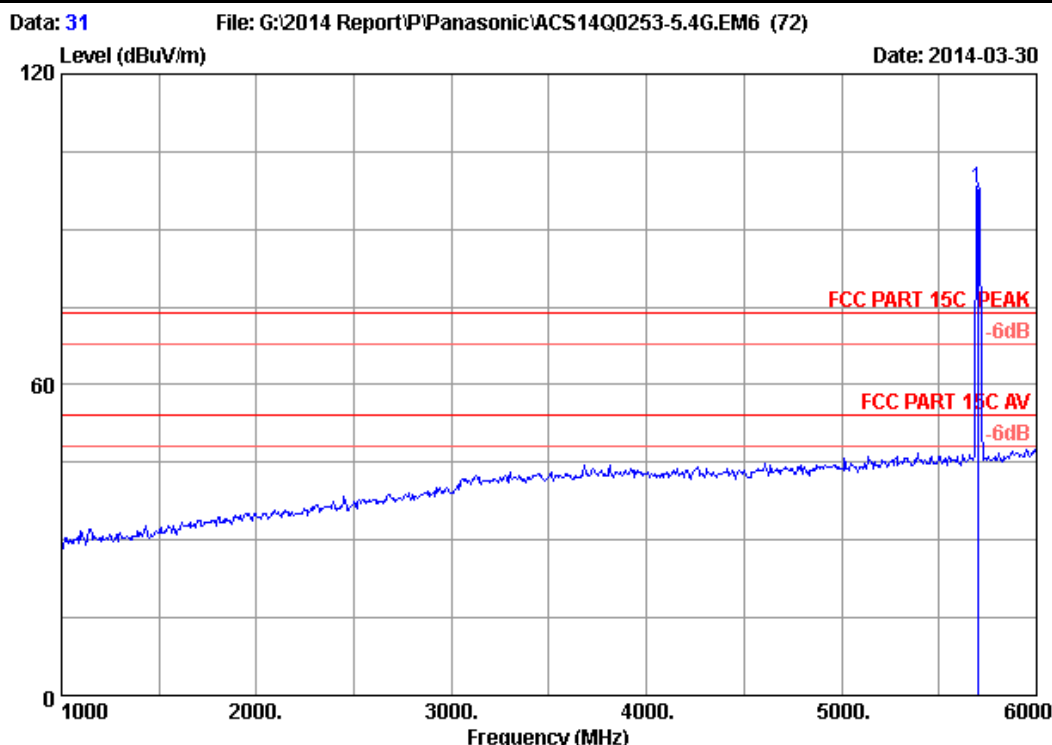


Site no.	: 3m Chamber	Data no.	: 22
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11a 5700MHz Tx		
M/N	: SC-ALL3		

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	5700.000	34.08	9.50	35.70	89.48	97.36	74.00	-23.36	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.

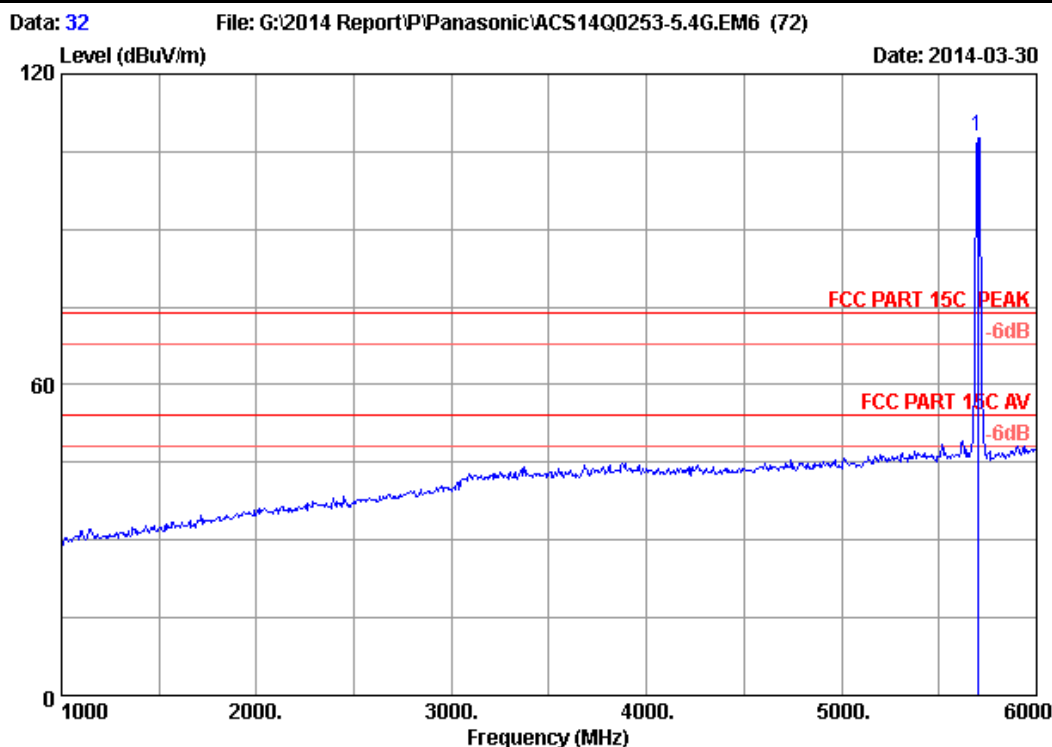


Site no. : 3m Chamber Data no. : 31
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5700MHz Tx
 M/N : SC-ALL3

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	5700.000	34.08	9.50	35.70	89.96	97.84	74.00	-23.84	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.

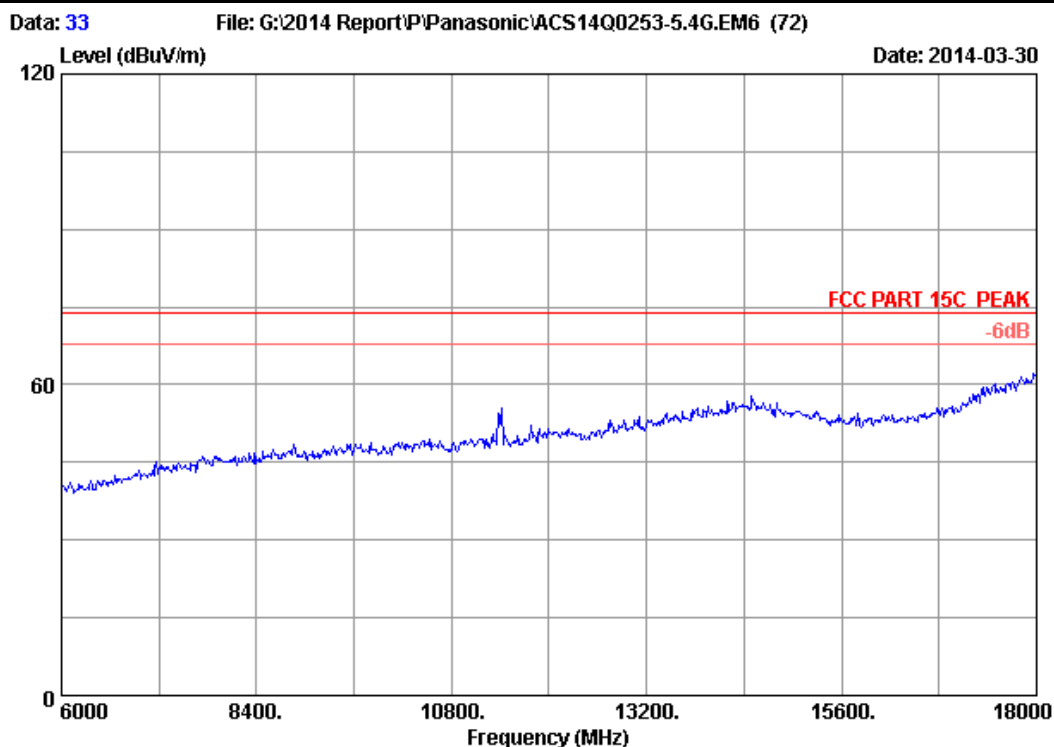


Site no. : 3m Chamber Data no. : 32
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5700MHz Tx
 M/N : SC-ALL3

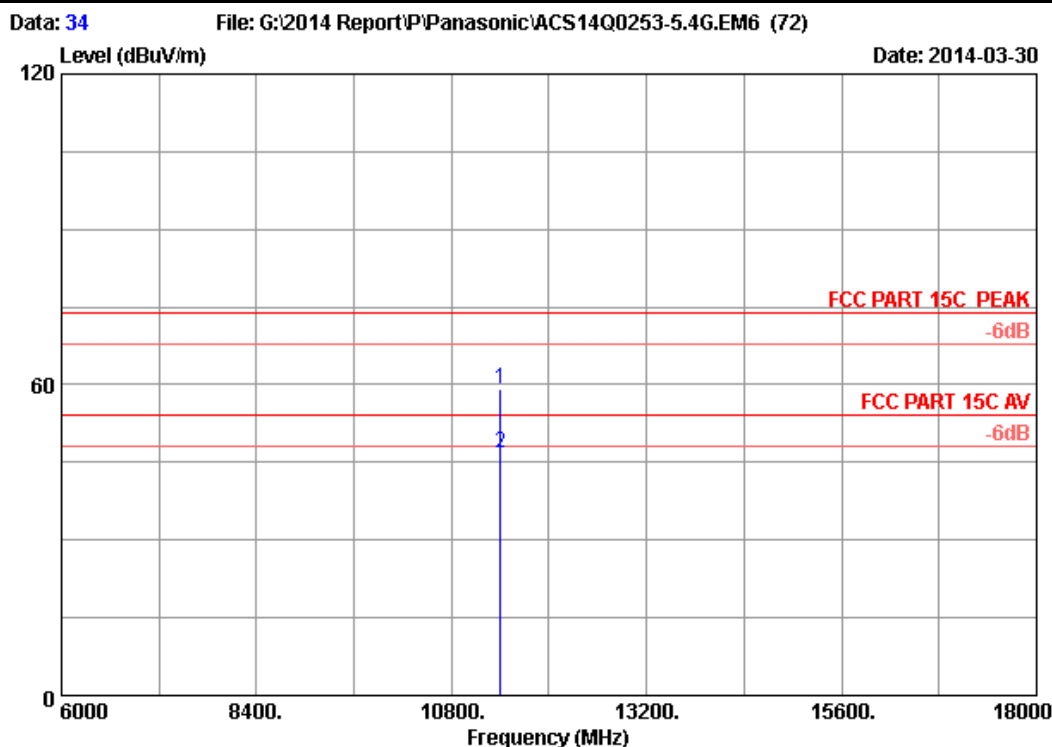
No.	Freq. (MHz)	Ant.	Cable	AMP	Emission				
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5700.000	34.08	9.50	35.70	100.24	108.12	74.00	-34.12	Peak

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.



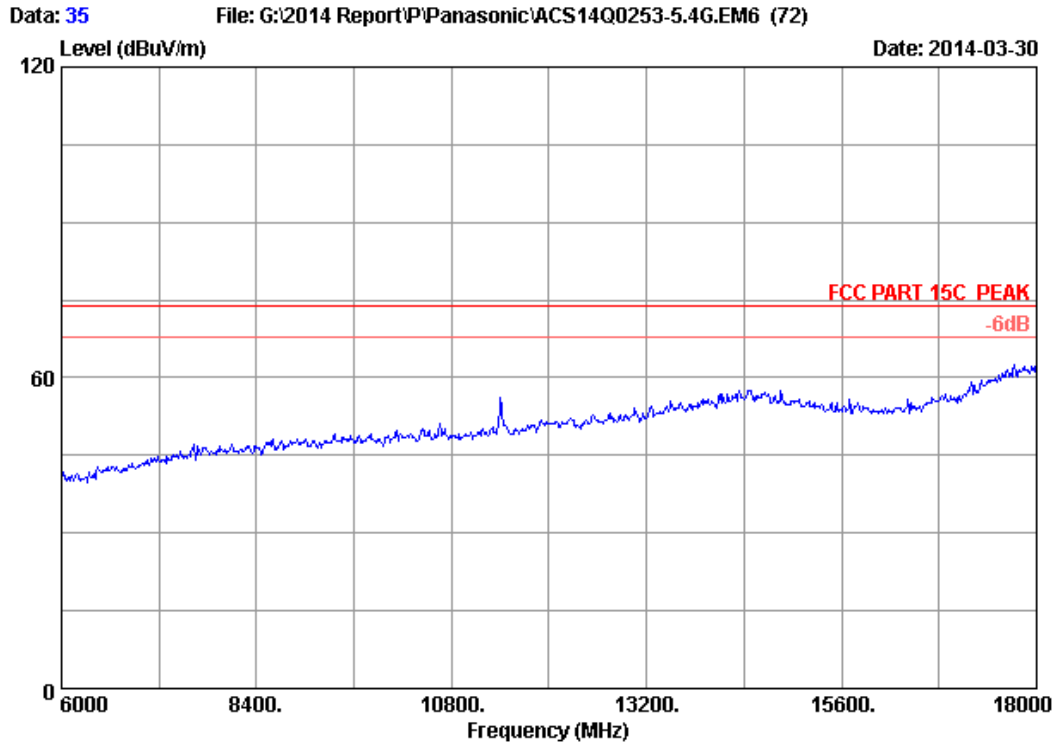
Site no.	: 3m Chamber	Data no.	: 33
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT20 5700MHz Tx		
M/N	: SC-ALL3		



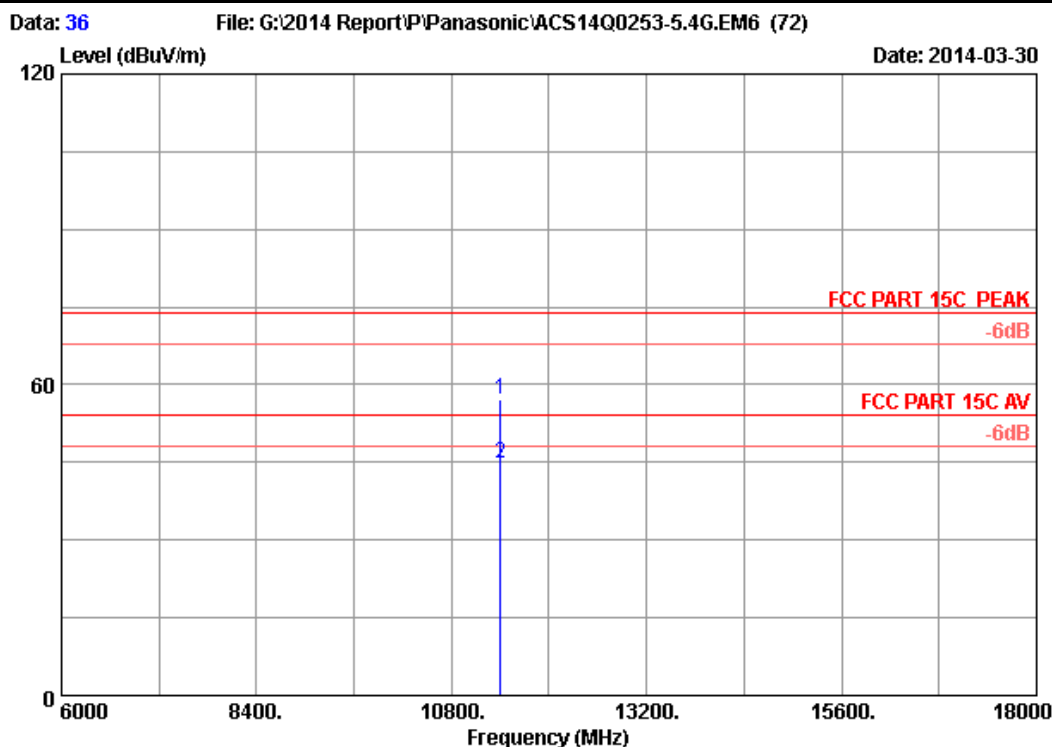
Site no. : 3m Chamber Data no. : 34
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5700MHz Tx
 M/N : SC-ALL3

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	11400.000	38.64	13.23	35.29	42.74	59.32	74.00	14.68	Peak
2	11400.000	38.64	13.23	35.29	30.34	46.92	54.00	7.08	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.



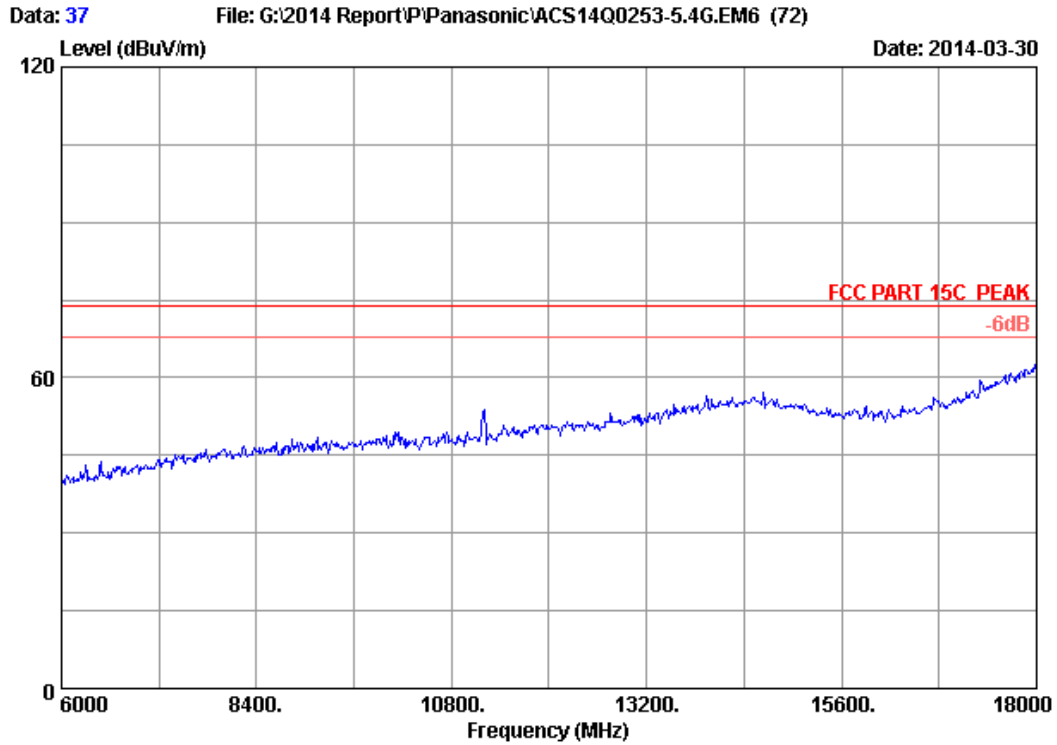
Site no.	: 3m Chamber	Data no.	: 35
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT20 5700MHz Tx		
M/N	: SC-ALL3		



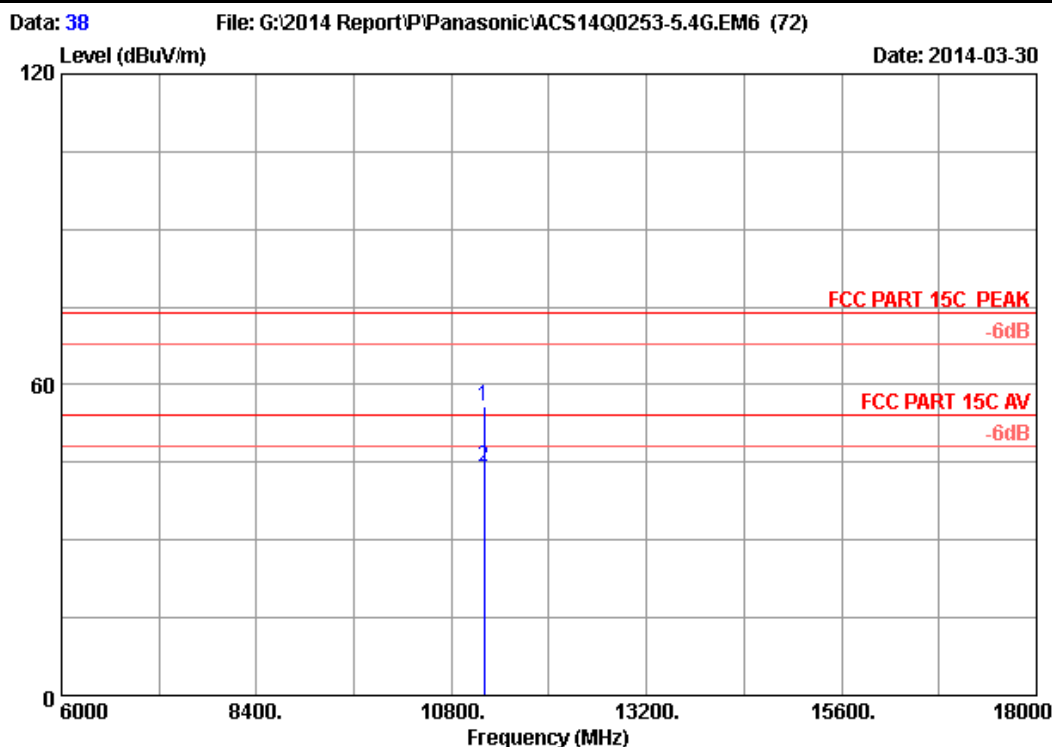
Site no. : 3m Chamber Data no. : 36
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5700MHz Tx
 M/N : SC-ALL3

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	11400.000	38.64	13.23	35.29	40.44	57.02	74.00	16.98	Peak
2	11400.000	38.64	13.23	35.29	28.19	44.77	54.00	9.23	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.



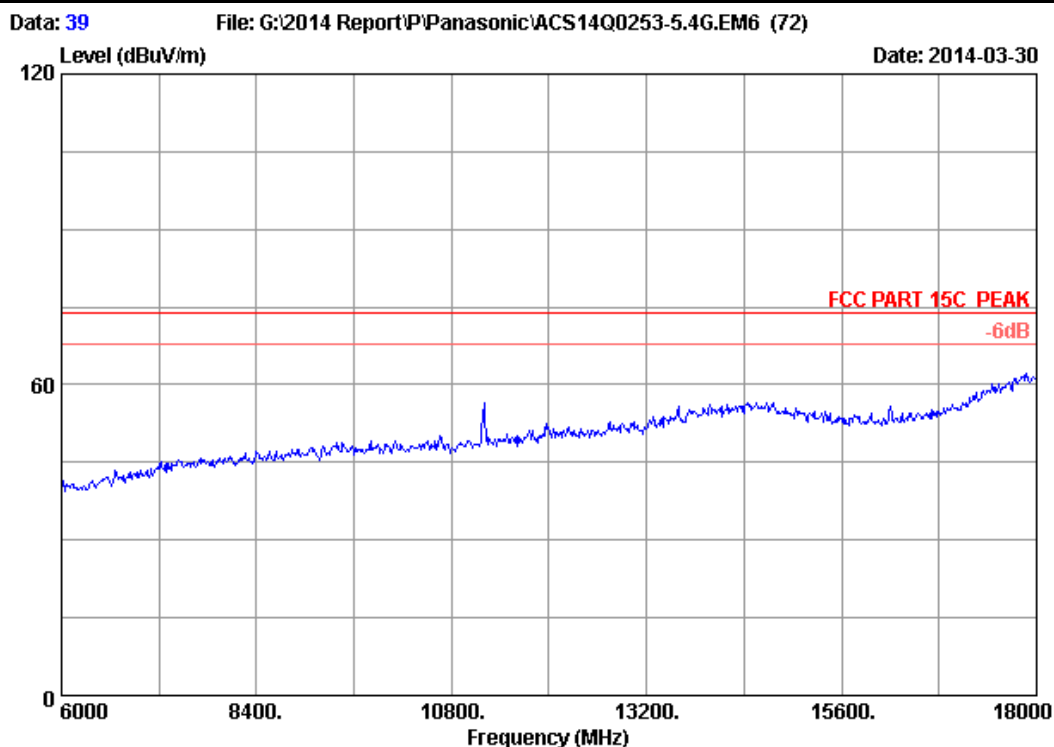
Site no.	: 3m Chamber	Data no.	: 37
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT20 5600MHz Tx		
M/N	: SC-ALL3		



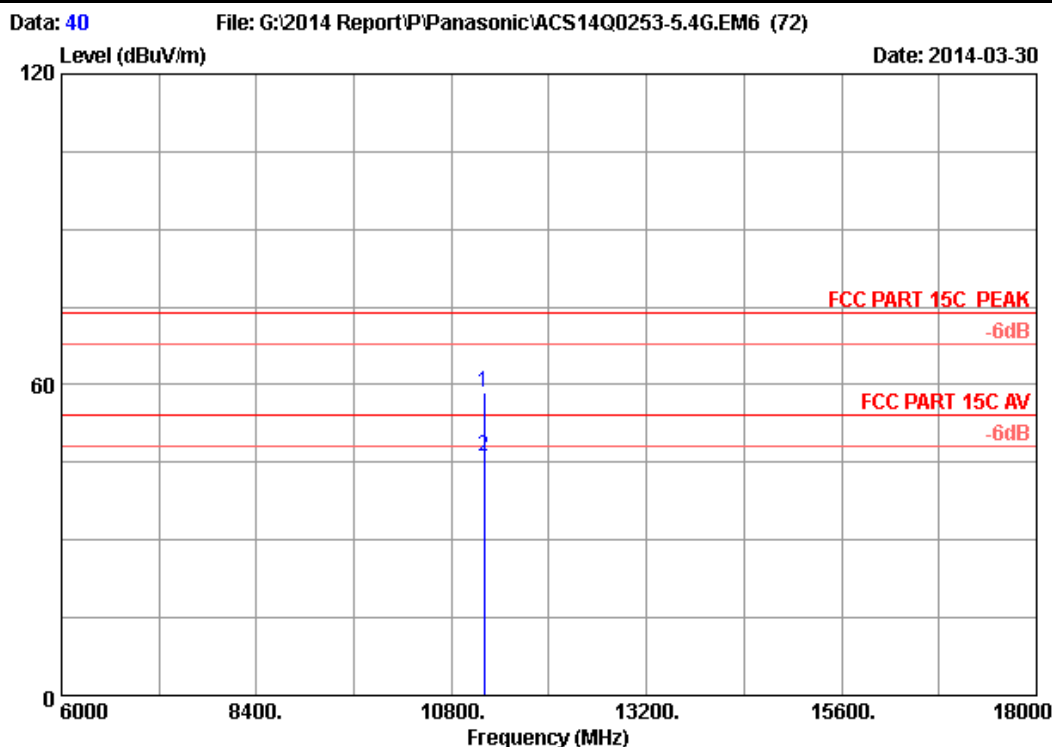
Site no. : 3m Chamber Data no. : 38
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24°C/56% Engineer : Leo-Li
EUT : Wireless Speaker System
Power Rating : AC 120V/60Hz
Test Mode : IEEE802.11nHT20 5600MHz Tx
M/N : SC-ALL3

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	11200.000	38.52	13.11	35.32	39.40	55.71	74.00	18.29	Peak
2	11200.000	38.52	13.11	35.32	27.68	43.99	54.00	10.01	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.



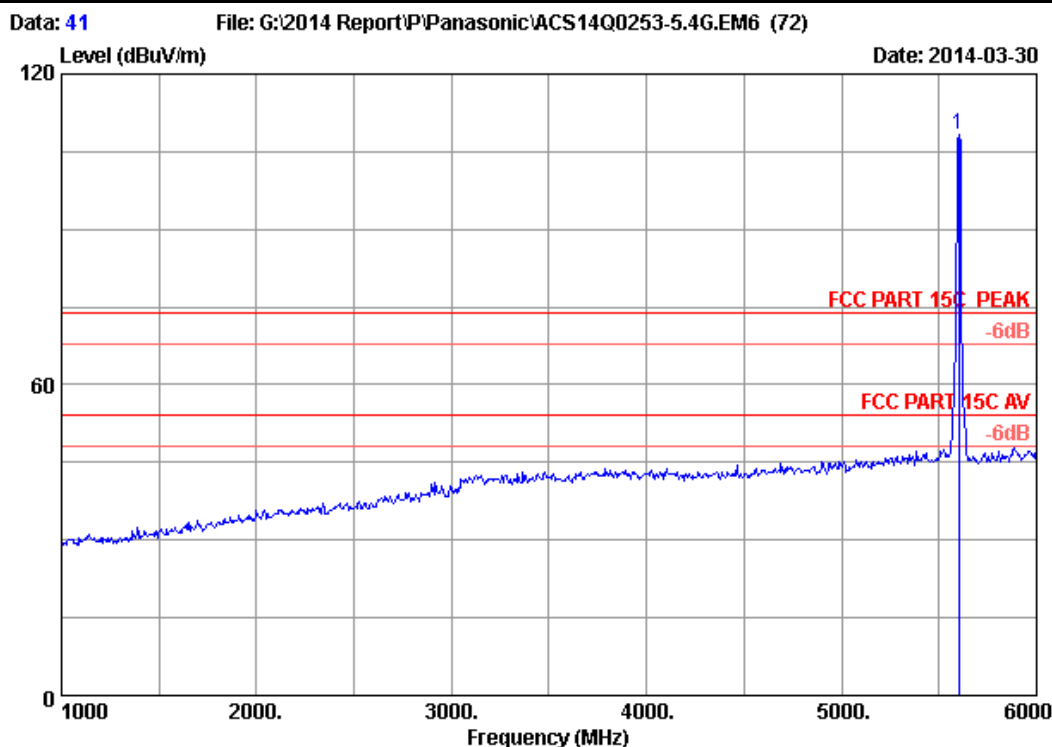
Site no.	: 3m Chamber	Data no.	: 39
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT20 5600MHz Tx		
M/N	: SC-ALL3		



Site no. : 3m Chamber Data no. : 40
 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 5600MHz 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	11200.000	38.52	13.11	35.32	42.14	58.45	74.00	15.55	Peak
2	11200.000	38.52	13.11	35.32	29.86	46.17	54.00	7.83	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.

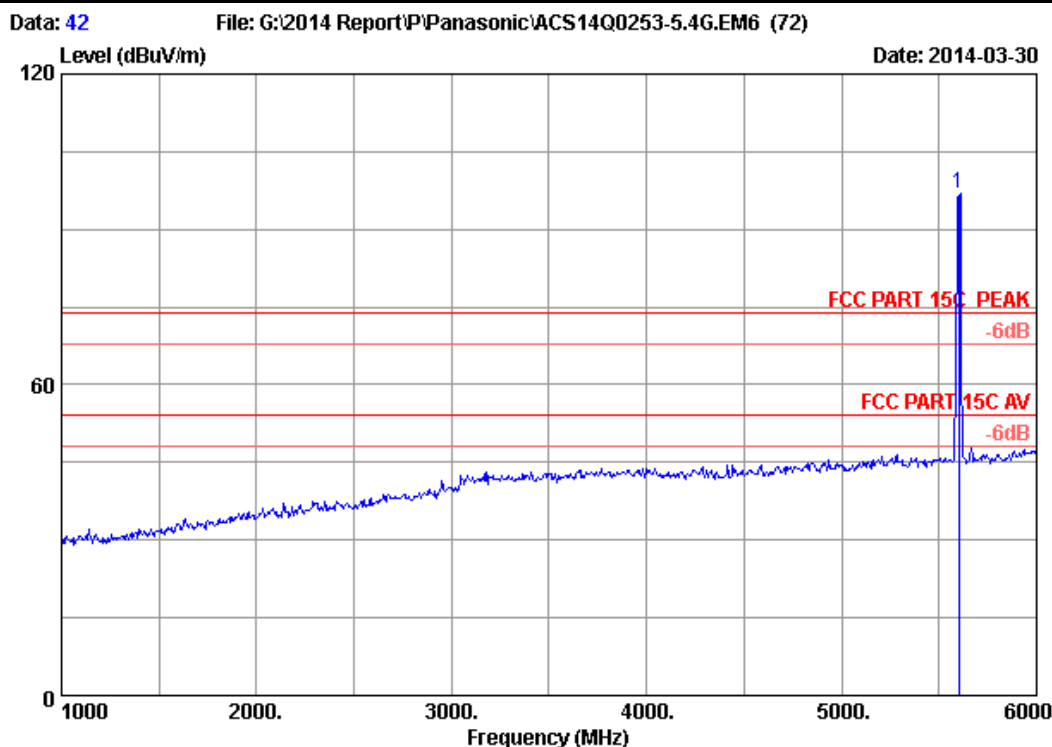


Site no. : 3m Chamber Data no. : 41
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5600MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant. Cable AMP			Emission				
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5600.000	34.04	9.39	35.70	100.47	108.20	74.00	-34.20	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.

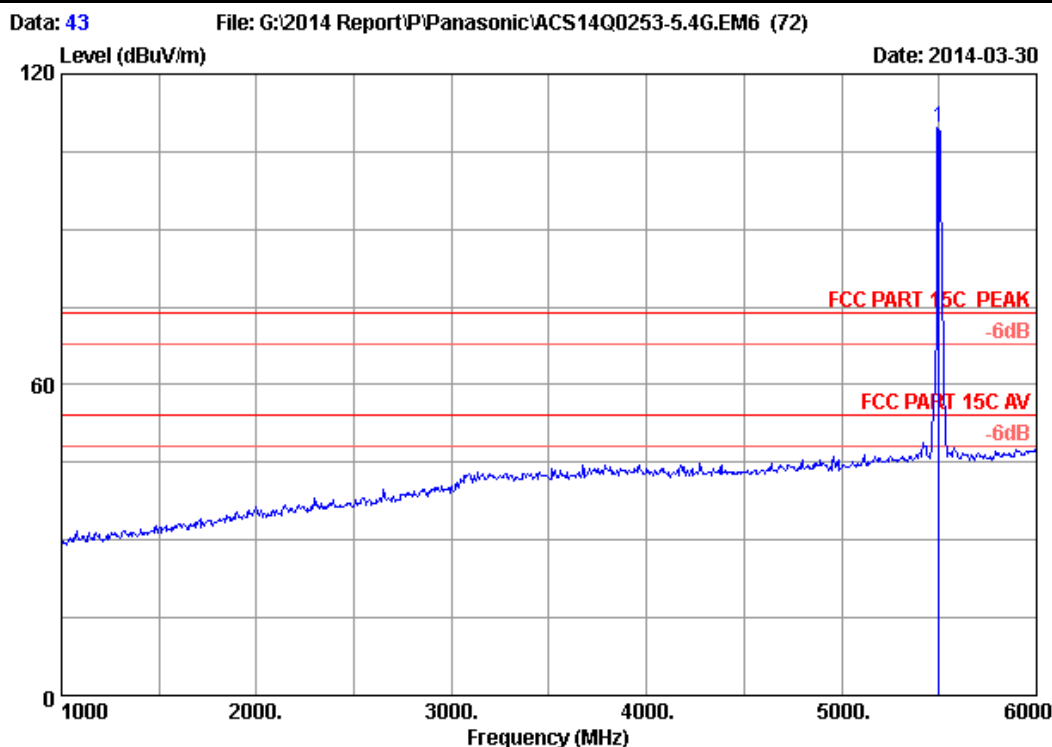


Site no. : 3m Chamber Data no. : 42
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5600MHz Tx
 M/N : SC-ALL3

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	5600.000	34.04	9.39	35.70	89.07	96.80	74.00	-22.80	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.

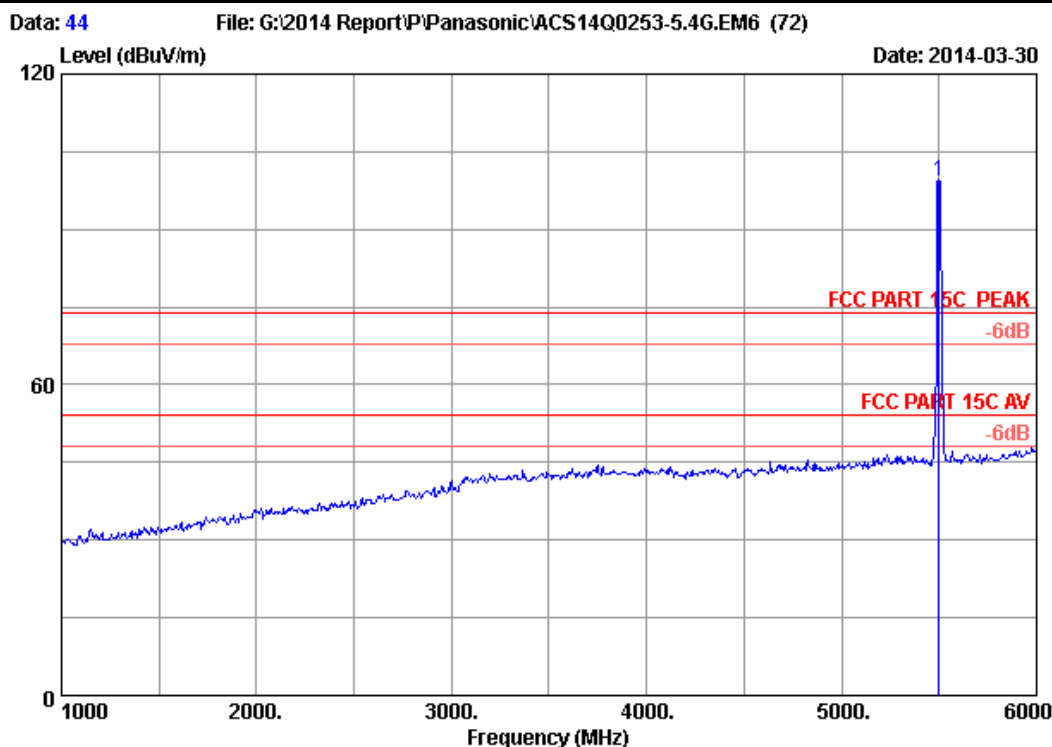


Site no. : 3m Chamber Data no. : 43
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5500MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant.	Cable	AMP	Emission				
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5500.000	34.00	9.29	35.70	102.20	109.79	74.00	-35.79	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.

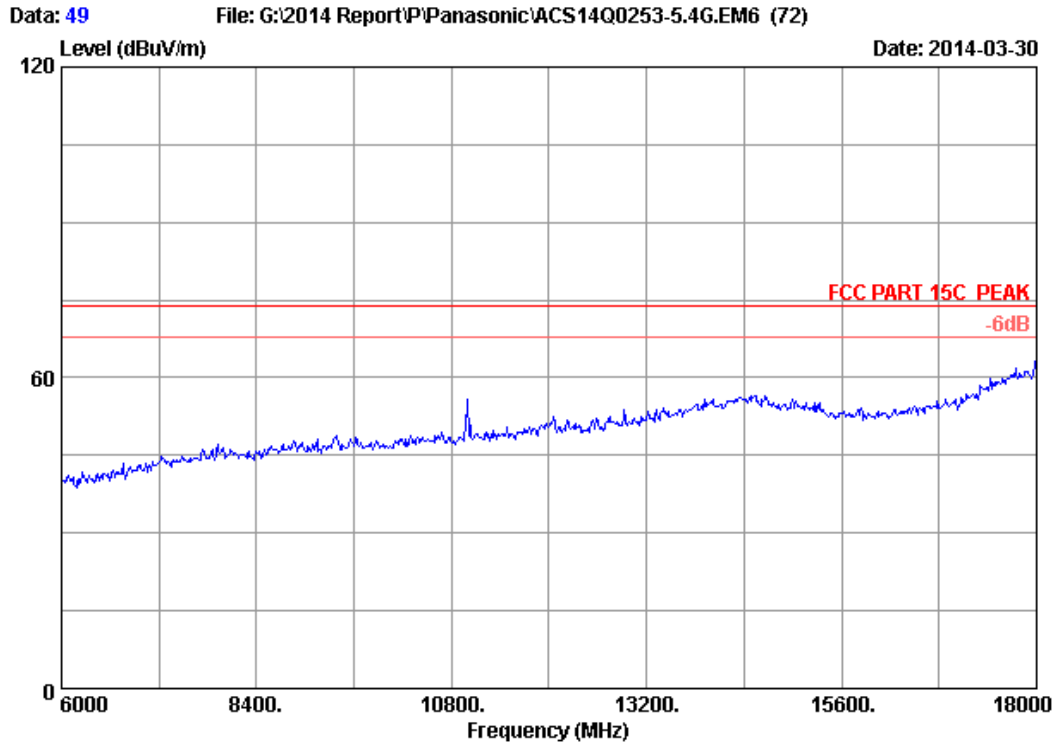


Site no. : 3m Chamber Data no. : 44
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5500MHz Tx
 M/N : SC-ALL3

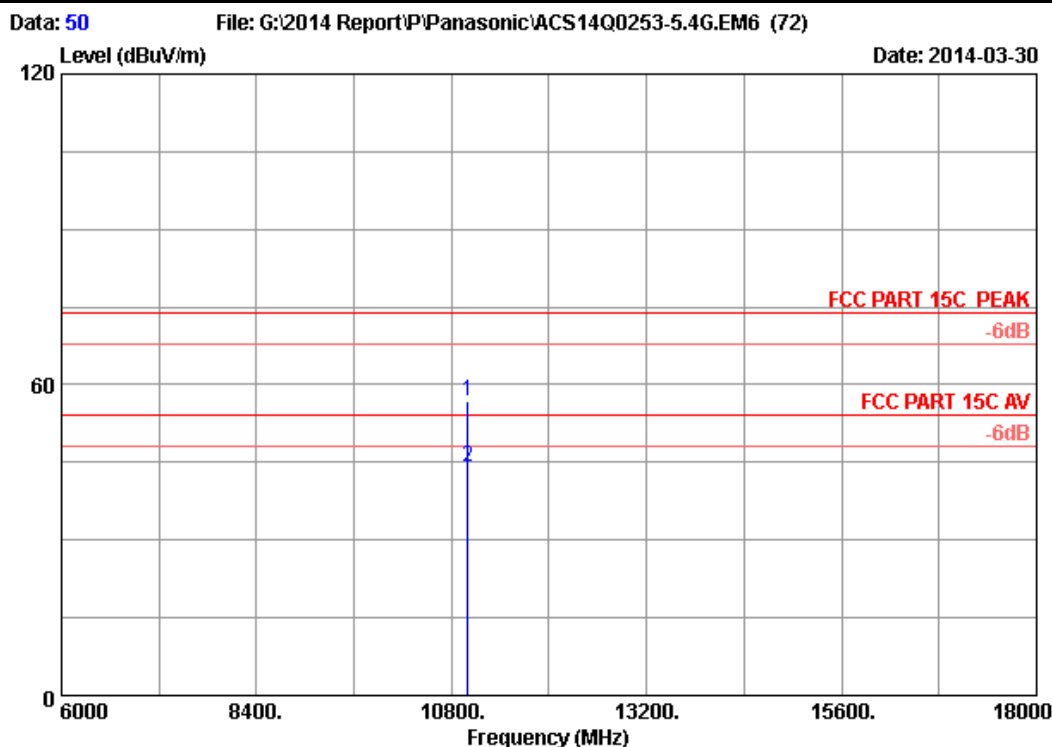
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5500.000	34.00	9.29	35.70	91.78	99.37	74.00	-25.37	Peak

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.



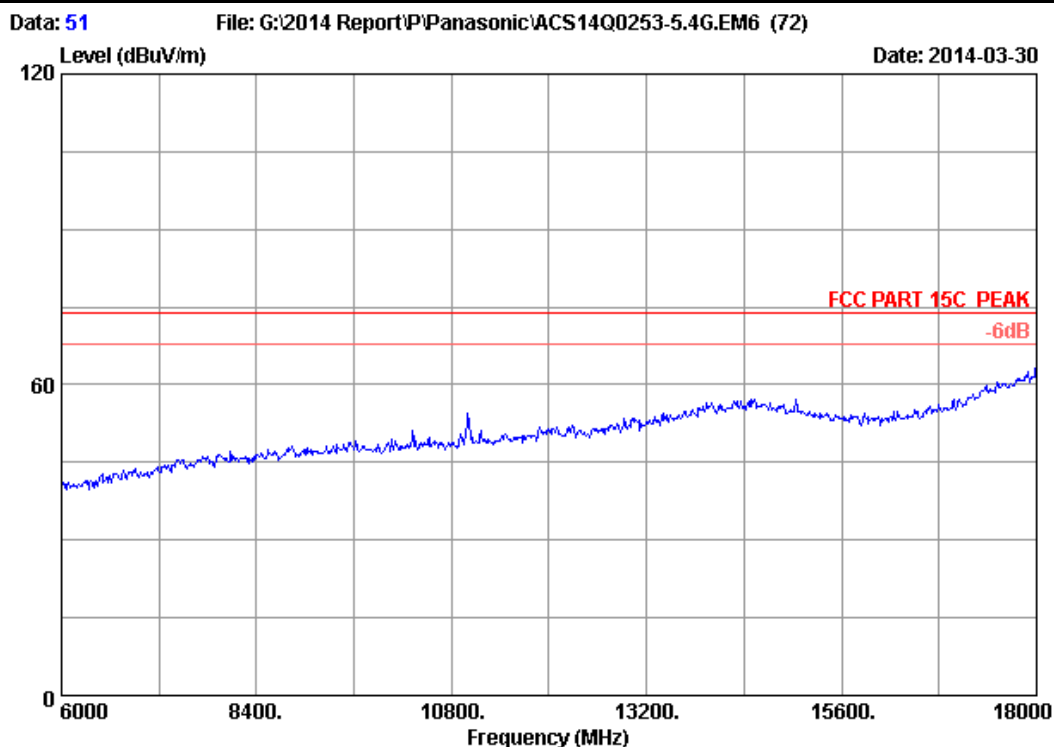
Site no.	: 3m Chamber	Data no.	: 49
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT20 5500MHz Tx		
M/N	: SC-ALL3		



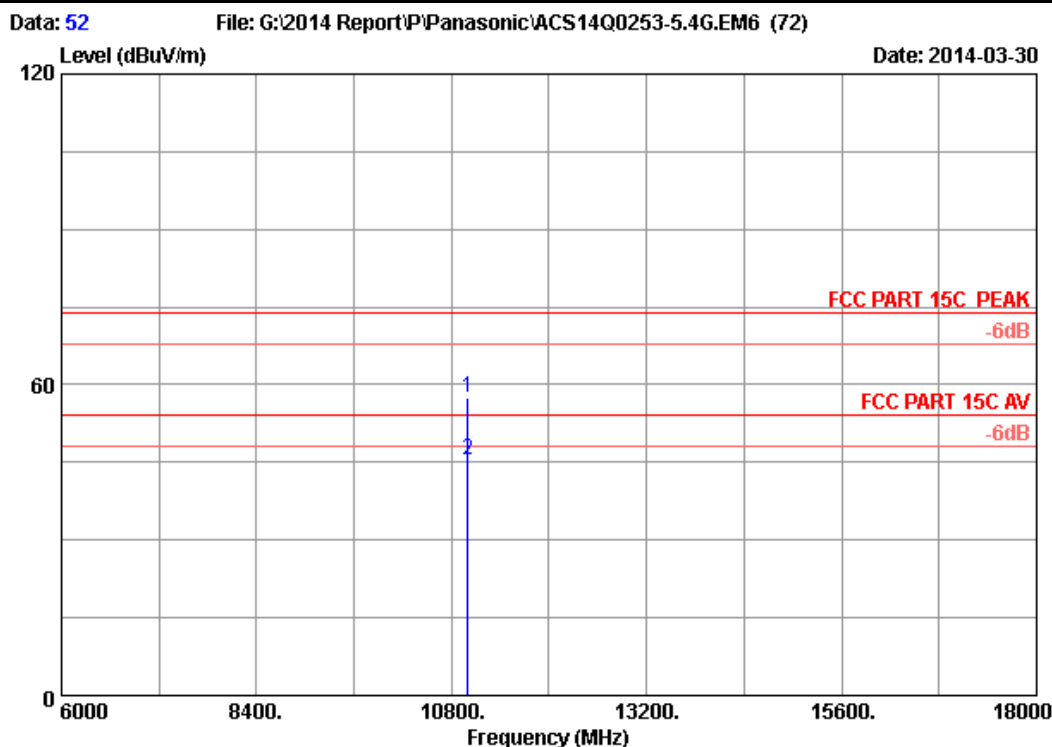
Site no. : 3m Chamber Data no. : 50
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5500MHz Tx
 M/N : SC-ALL3

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	11000.000	38.40	13.00	35.35	40.72	56.77	74.00	17.23	Peak
2	11000.000	38.40	13.00	35.35	27.98	44.03	54.00	9.97	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.



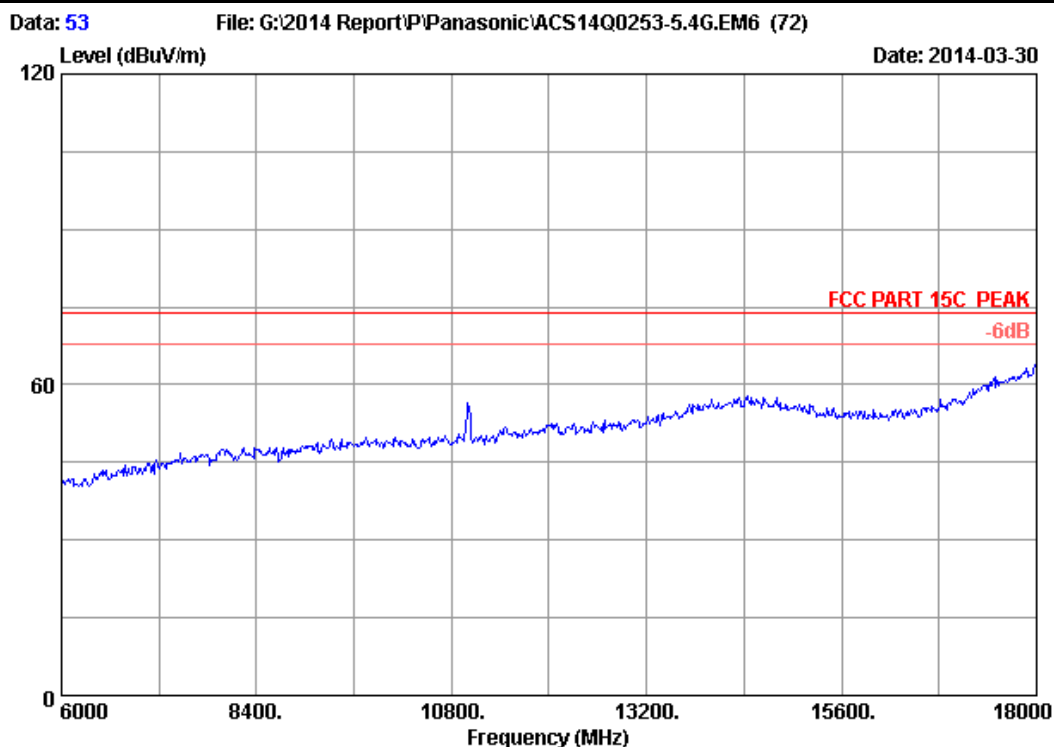
Site no.	: 3m Chamber	Data no.	: 51
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT20 5500MHz Tx		
M/N	: SC-ALL3		



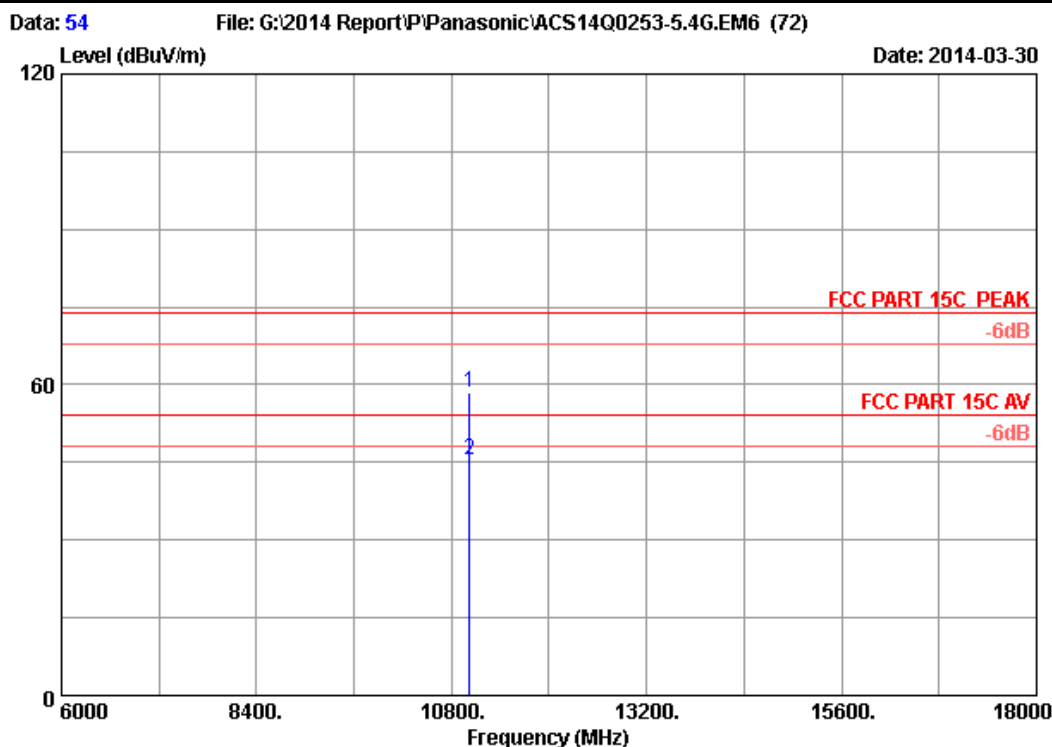
Site no. : 3m Chamber Data no. : 52
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5500MHz Tx
 M/N : SC-ALL3

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	11000.000	38.40	13.00	35.35	41.37	57.42	74.00	16.58	Peak
2	11000.000	38.40	13.00	35.35	29.37	45.42	54.00	8.58	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.



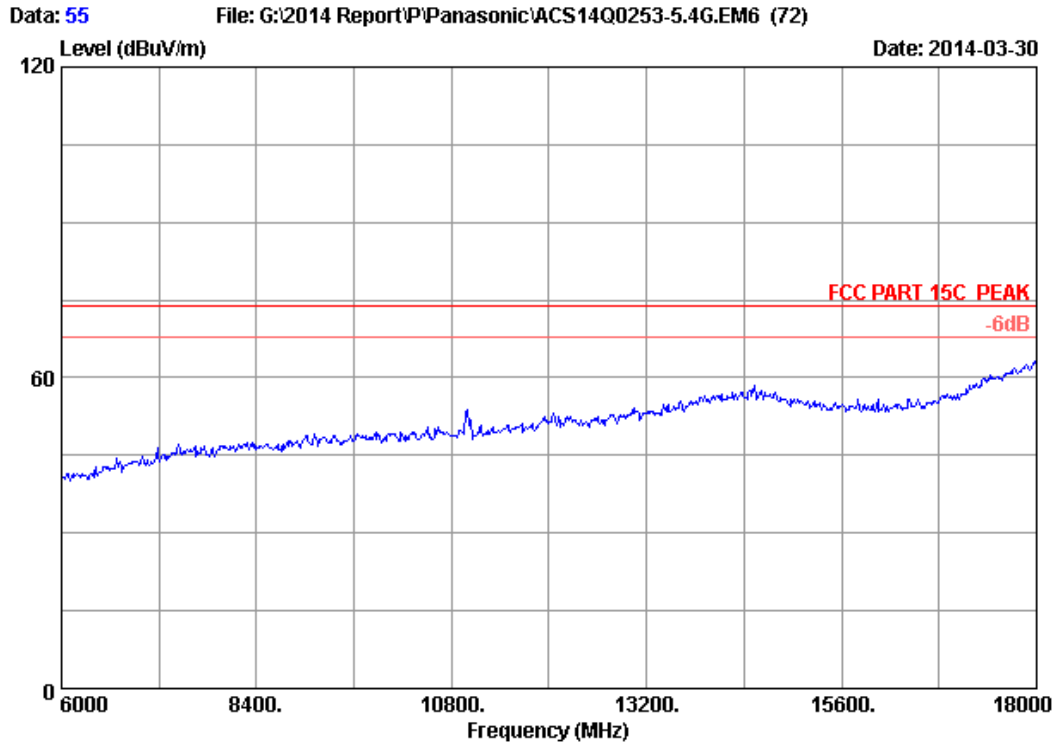
Site no.	: 3m Chamber	Data no.	: 53
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT40 5510MHz Tx		
M/N	: SC-ALL3		



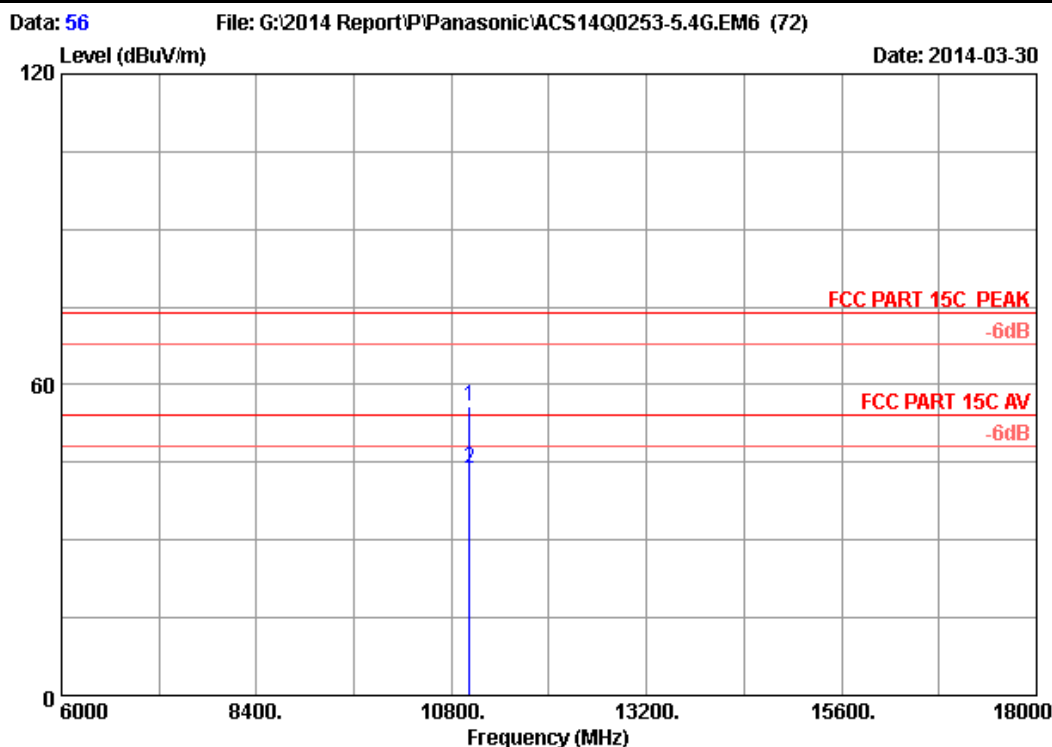
Site no. : 3m Chamber Data no. : 54
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 5510MHz Tx
 M/N : SC-ALL3

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	11020.000	38.41	13.01	35.35	42.45	58.52	74.00	15.48	Peak
2	11020.000	38.41	13.01	35.35	29.30	45.37	54.00	8.63	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.



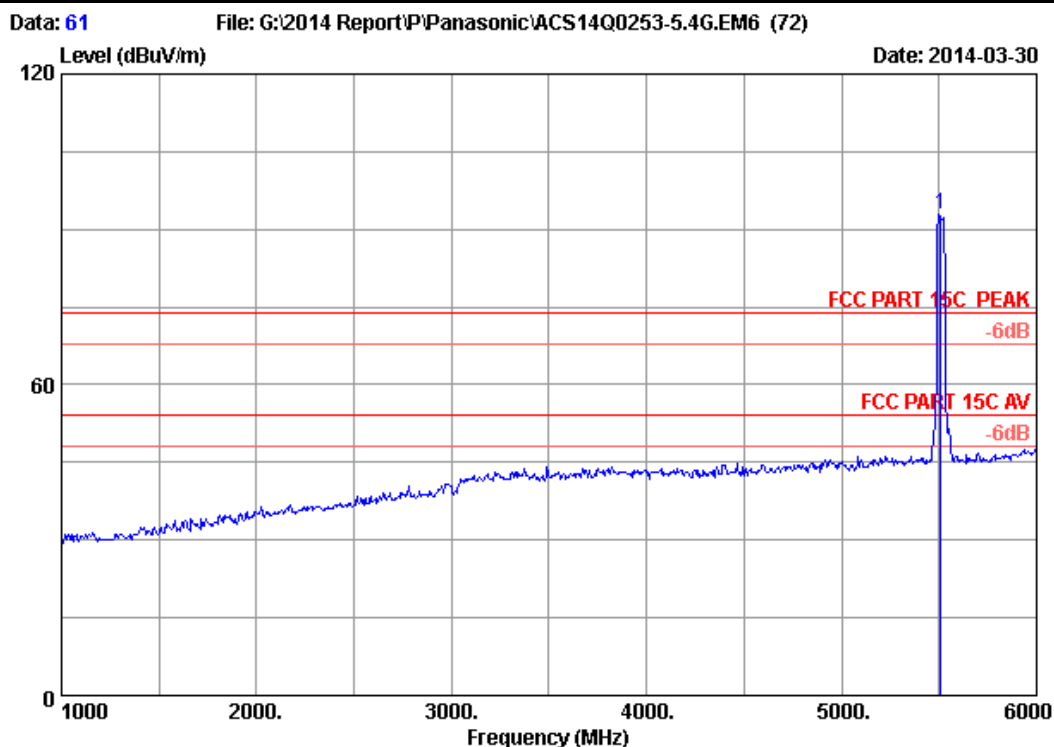
Site no.	: 3m Chamber	Data no.	: 55
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT40 5510MHz Tx		
M/N	: SC-ALL3		



Site no. : 3m Chamber Data no. : 56
 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 5510MHz 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	11020.000	38.41	13.01	35.35	39.89	55.96	74.00	18.04	Peak
2	11020.000	38.41	13.01	35.35	27.60	43.67	54.00	10.33	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.

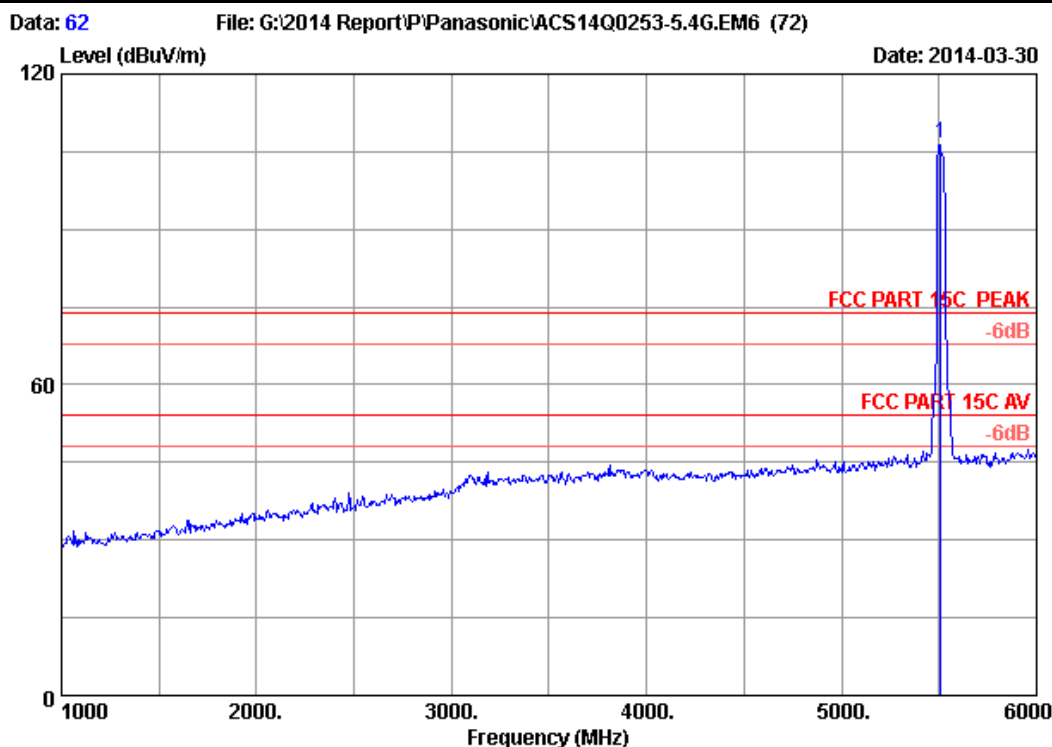


Site no. : 3m Chamber Data no. : 61
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 5510MHz Tx
 M/N : SC-ALL3

No.	Freq. (MHz)	Ant.	Cable	AMP	Emission				
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5510.000	34.00	9.30	35.70	85.21	92.81	74.00	-18.81	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.

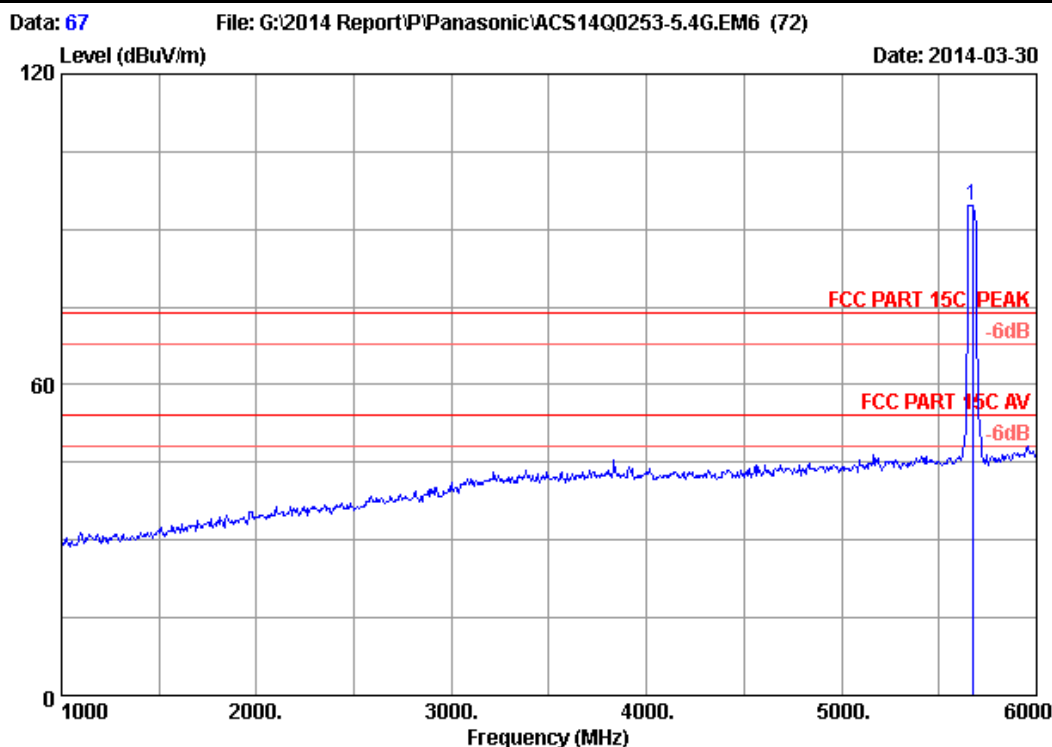


Site no. : 3m Chamber Data no. : 62
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 5510MHz Tx
 M/N : SC-ALL3

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	5510.000	34.00	9.30	35.70	98.87	106.47	74.00	-32.47	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.

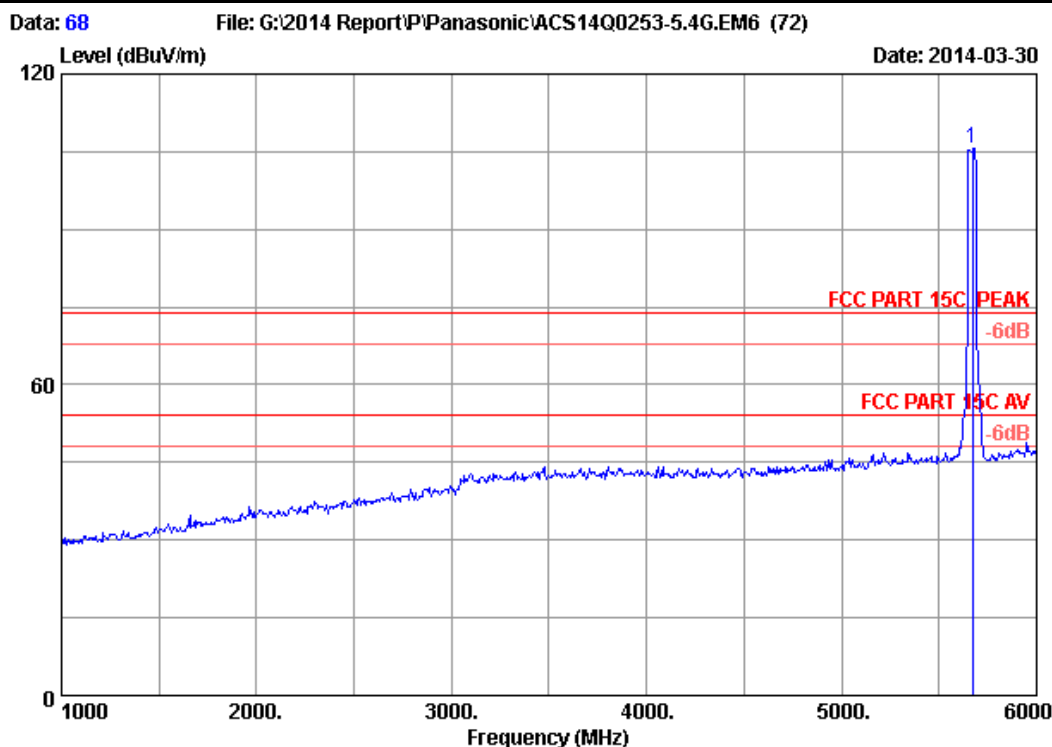


Site no. : 3m Chamber Data no. : 67
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 5670MHz Tx
 M/N : SC-ALL3

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	5670.000	34.07	9.47	35.70	86.88	94.72	74.00	-20.72	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.

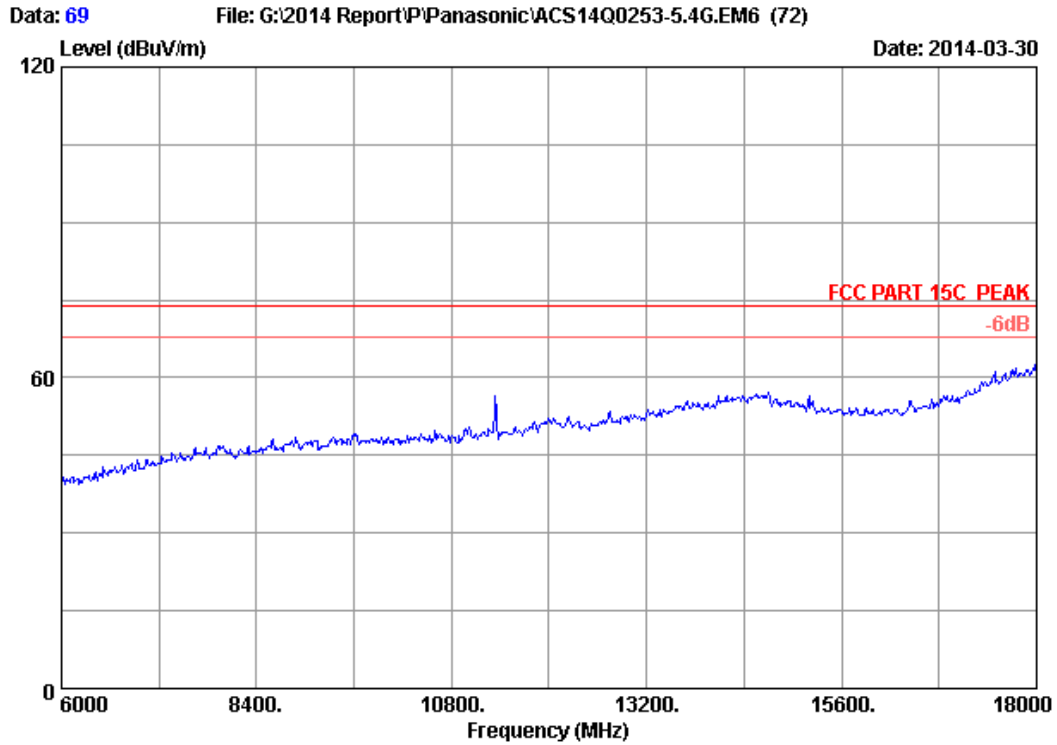


Site no. : 3m Chamber Data no. : 68
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 5670MHz Tx
 M/N : SC-ALL3

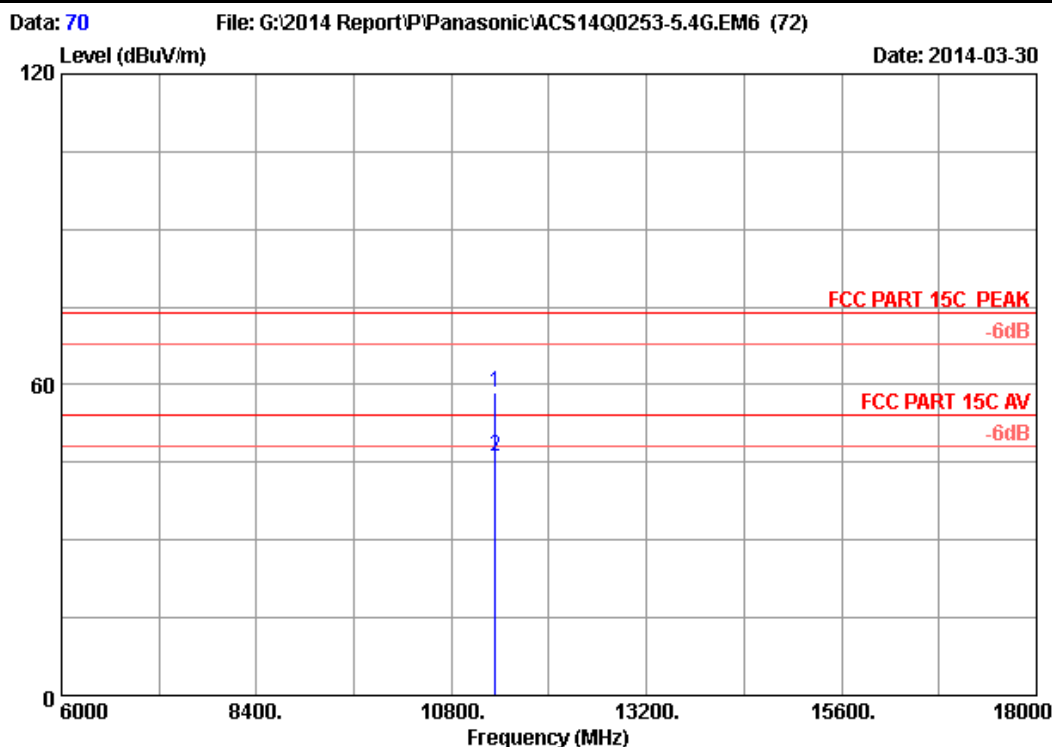
No.	Freq. (MHz)	Ant.	Cable	AMP	Emission				
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5670.000	34.07	9.47	35.70	97.89	105.73	74.00	-31.73	Peak

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.



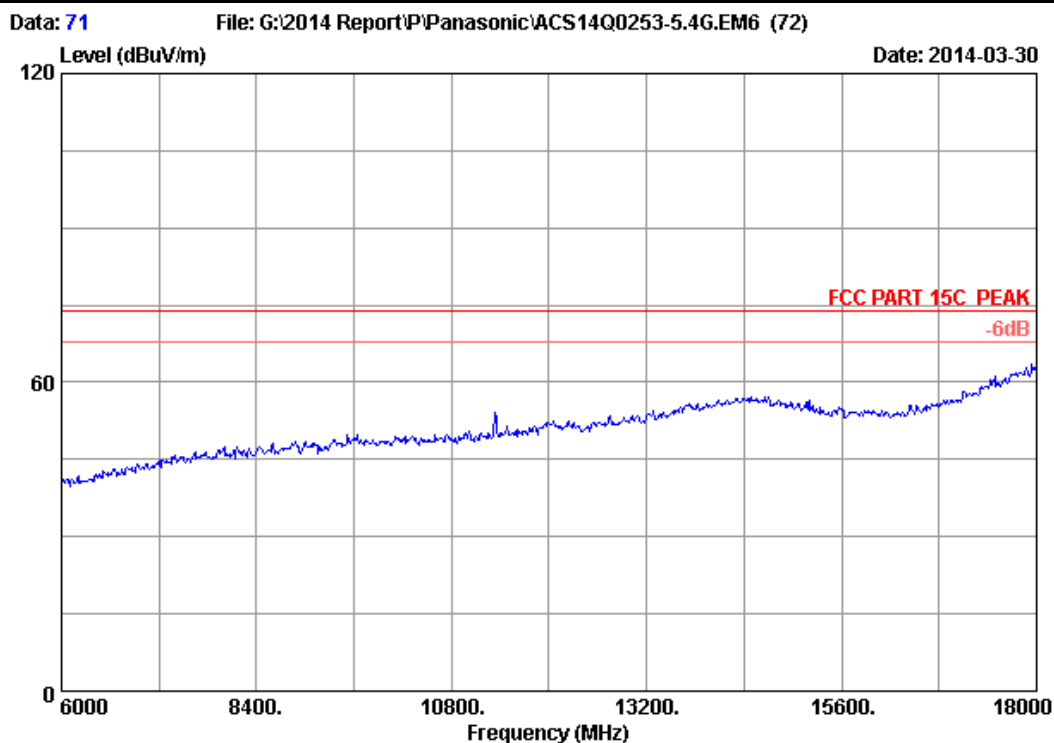
Site no.	: 3m Chamber	Data no.	: 69
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 24°C/56%	Engineer	: Leo-Li
EUT	: Wireless Speaker System		
Power Rating	: AC 120V/60Hz		
Test Mode	: IEEE802.11nHT40 5670MHz Tx		
M/N	: SC-ALL3		



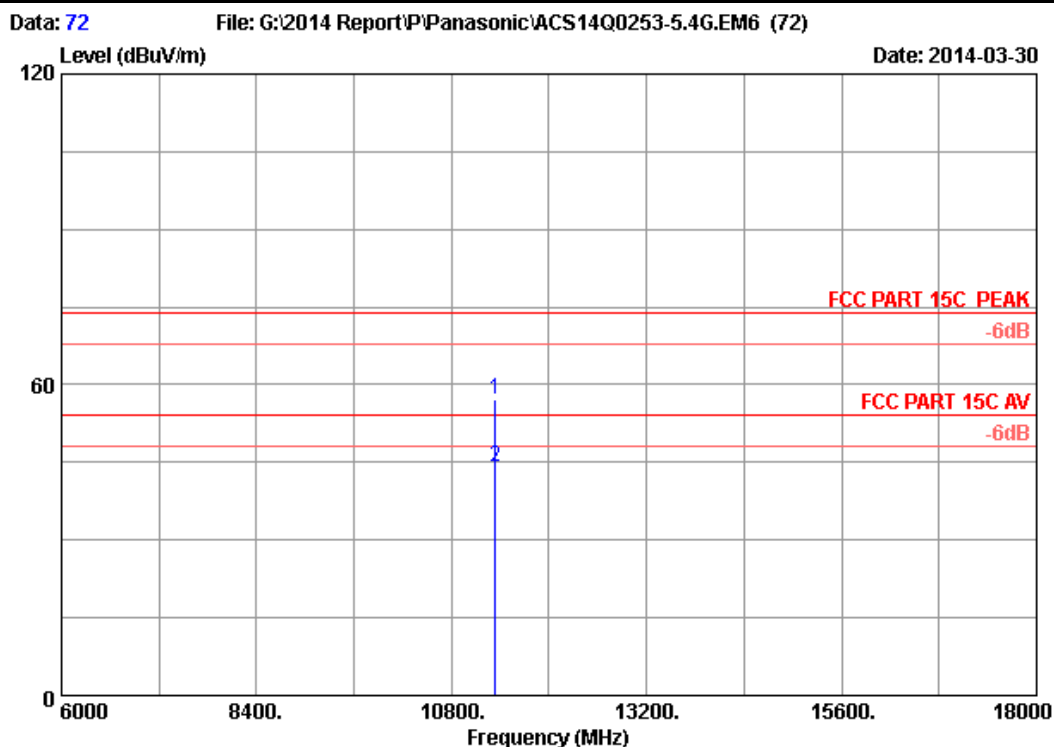
Site no. : 3m Chamber Data no. : 70
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 5670MHz Tx
 M/N : SC-ALL3

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	11340.000	38.60	13.19	35.30	42.04	58.53	74.00	15.47	Peak
2	11340.000	38.60	13.19	35.30	29.53	46.02	54.00	7.98	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.	: 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 5670MHz Tx		
M/N	: SC-ALL3		



Site no. : 3m Chamber Data no. : 72
 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 5670MHz 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	11340.000	38.60	13.19	35.30	40.81	57.30	74.00	16.70	Peak
2	11340.000	38.60	13.19	35.30	27.59	44.08	54.00	9.92	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. BAND EDGE COMPLIANCE TEST

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.	Amp	HP	8449B	3008A08495	May.08, 13	1 Year
3.	Antenna	EMCO	3115	9607-4877	May.08, 13	1 Year
4.	HF Cable	Hubersuhne	Sucoflex104	-	May.08, 13	1 Year

5.2. Limit

All the lower and upper band-edges emissions appearing within restricted frequency bands shall not exceed the limits shown in 15.209, all the emissions outside operation frequency band shall comply with 15.407(b)(1) requirement.

5.3. Test Procedure

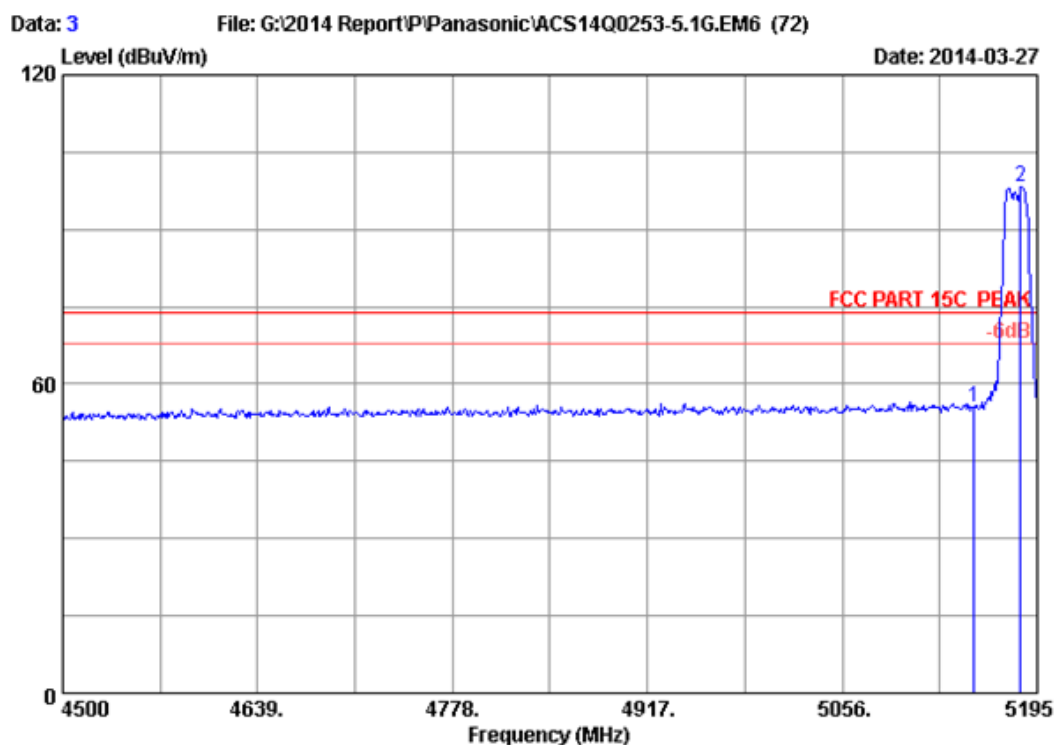
1. The EUT is placed on a turntable, which is 0.8m above the ground plane and worked at highest radiated power.
2. The turntable was rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
4. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:
 - (a) PEAK: RBW=1MHz; VBW=3MHz; Sweep=AUTO
 - (b) AVERAGE: RBW=1MHz; VBW=10Hz; Sweep=AUTO
5. The maximum emission at 3m distance was measured and recorded with receive antenna in both vertical and horizontal by rotating the turntable and by lowering the receive antenna.
6. The EUT was then removed and replaced with a substitution antenna in the same position and the substitution antenna must have the same polarization with the receive antenna.
7. A signal which have the same frequency obtained in step 2 was fed to the substitution, the receive antenna was raised and lowered to obtain a maximum reading at the test receiver, the level of the signal generator was adjusted until the measured field strength level in step 2 was obtained, recorded the level of the signal generator.
8. Repeated step 4 with both antenna polarizations

9. The spurious emissions is equal to the power supplied by the signal generator and corrections due to the gain of the substitution antenna and the cable loss between the signal generator and the substitution antenna.

5.4. Test Results

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

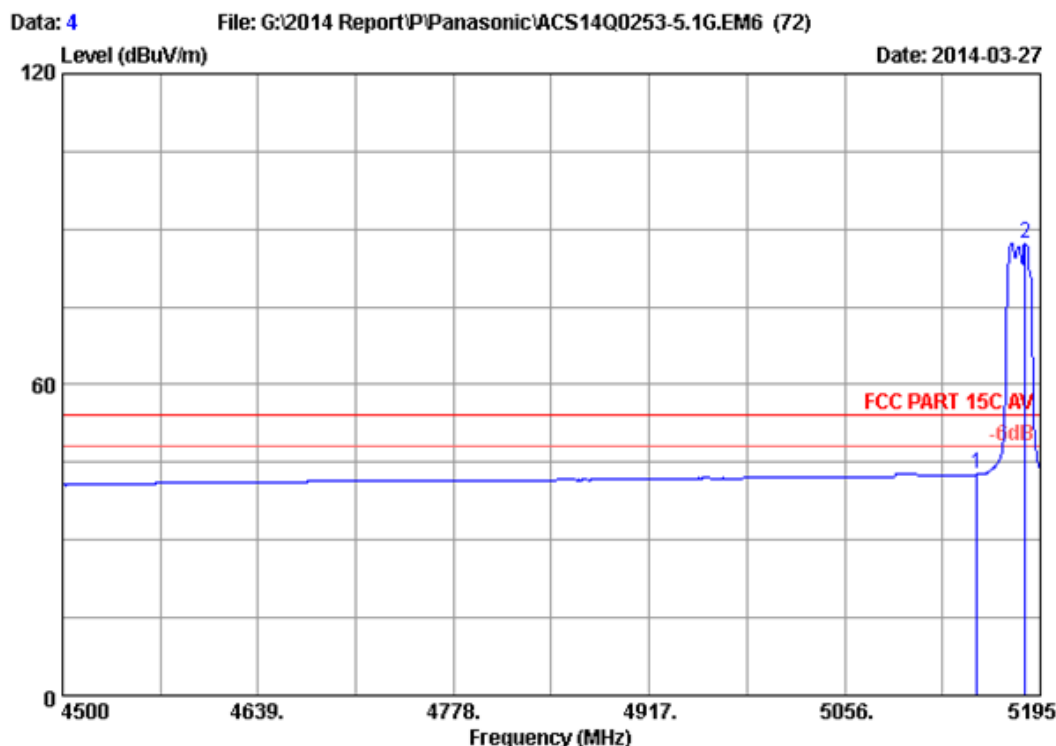
5150-5250MHz Band:



Site no. : 3m Chamber Data no. : 3
 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 5180MHz 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	5150.000	33.44	8.92	35.70	48.72	55.38	74.00	18.62	Peak
2	5183.185	33.49	8.96	35.70	91.62	98.37	74.00	-24.37	Peak

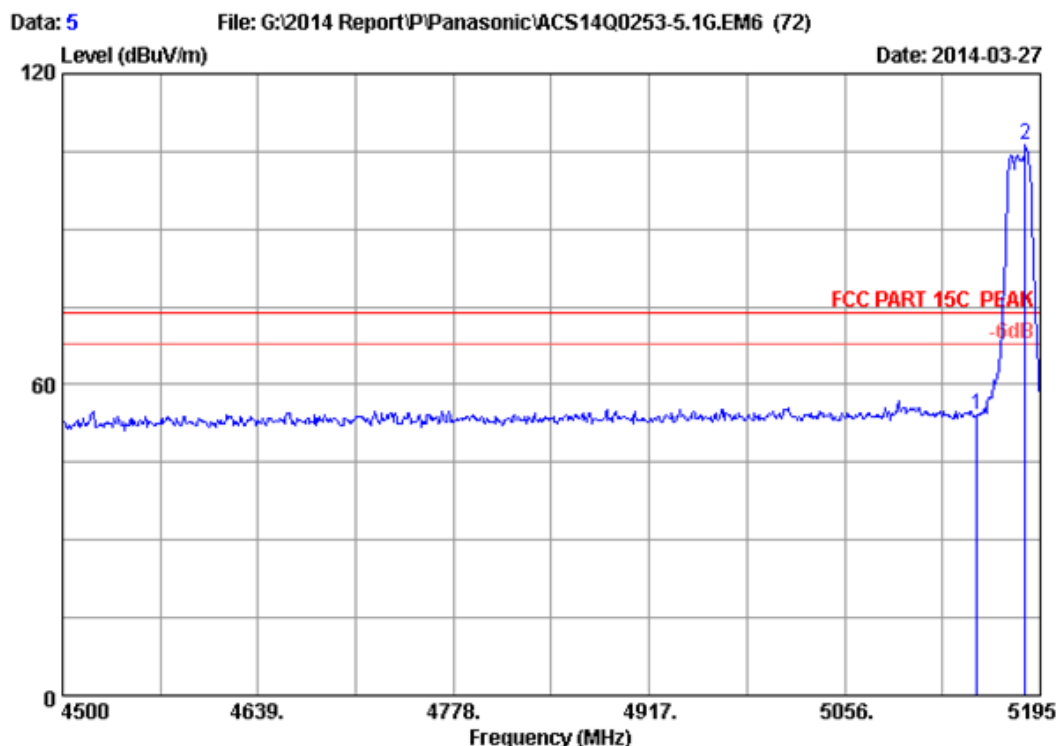
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 4
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5180MHz 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	5150.000	33.44	8.92	35.70	35.98	42.64	54.00	11.36	Average
2	5184.575	33.50	8.96	35.70	80.54	87.30	54.00	-33.30	Average

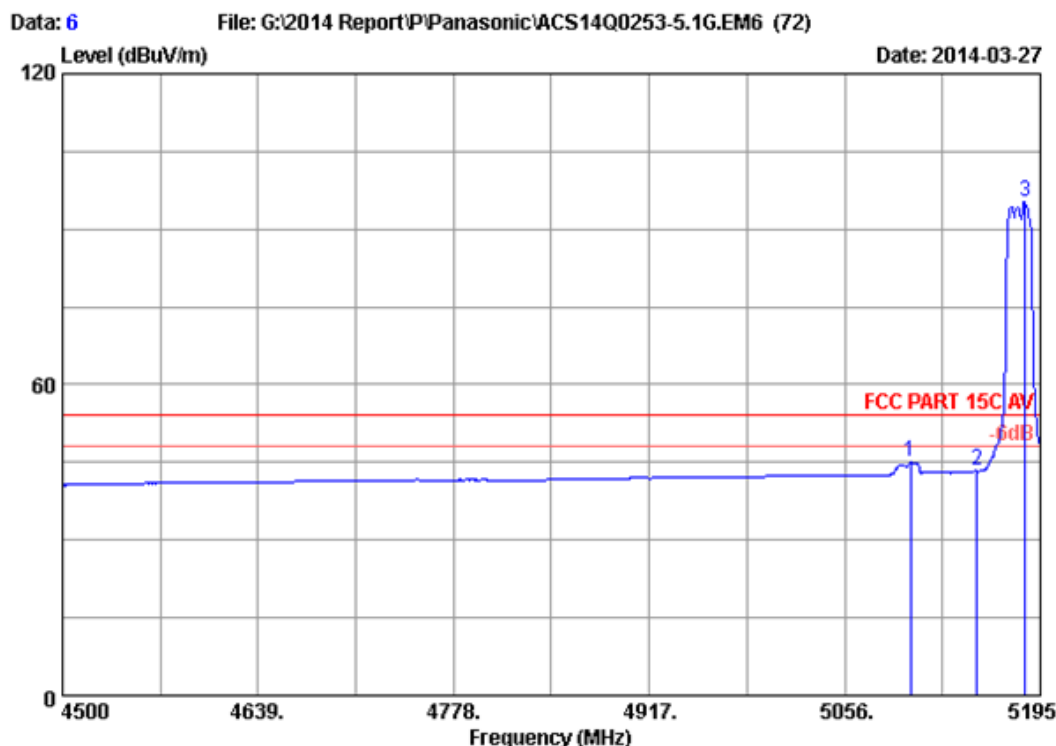
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 5
 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 5180MHz 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	5150.000	33.44	8.92	35.70	47.60	54.26	74.00	19.74	Peak
2	5184.575	33.50	8.96	35.70	99.60	106.36	74.00	-32.36	Peak

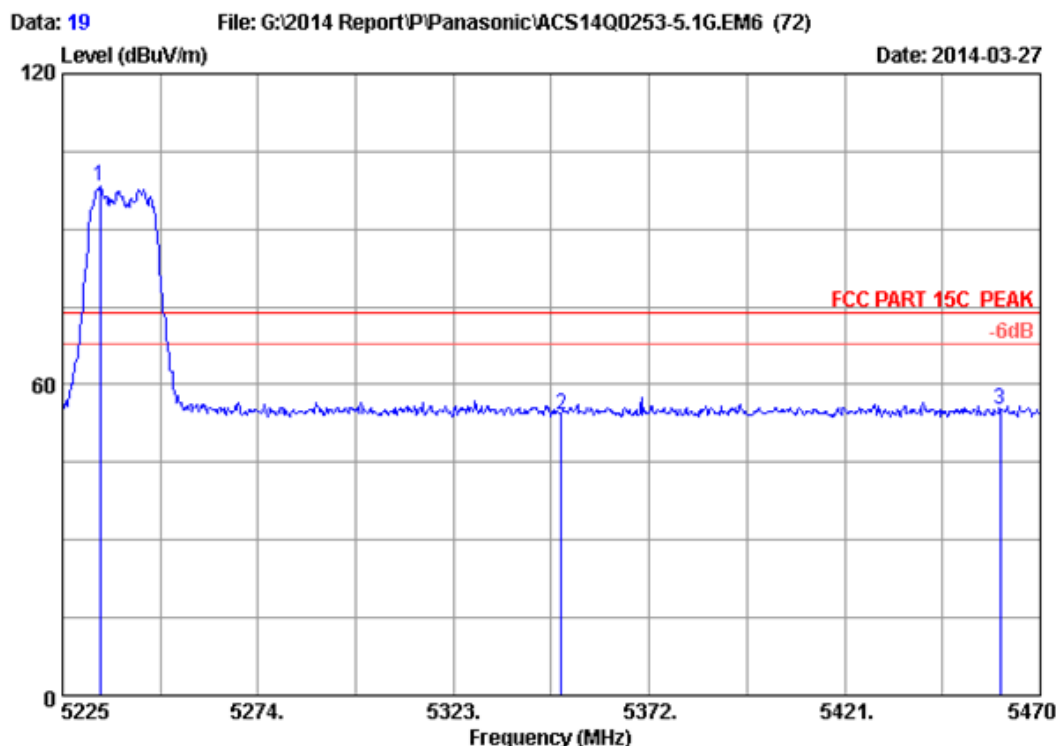
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 6
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5180MHz 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	5102.565	33.36	8.87	35.70	38.56	45.09	54.00	8.91	Average
2	5150.000	33.44	8.92	35.70	36.65	43.31	54.00	10.69	Average
3	5184.575	33.50	8.96	35.70	88.59	95.35	54.00	-41.35	Average

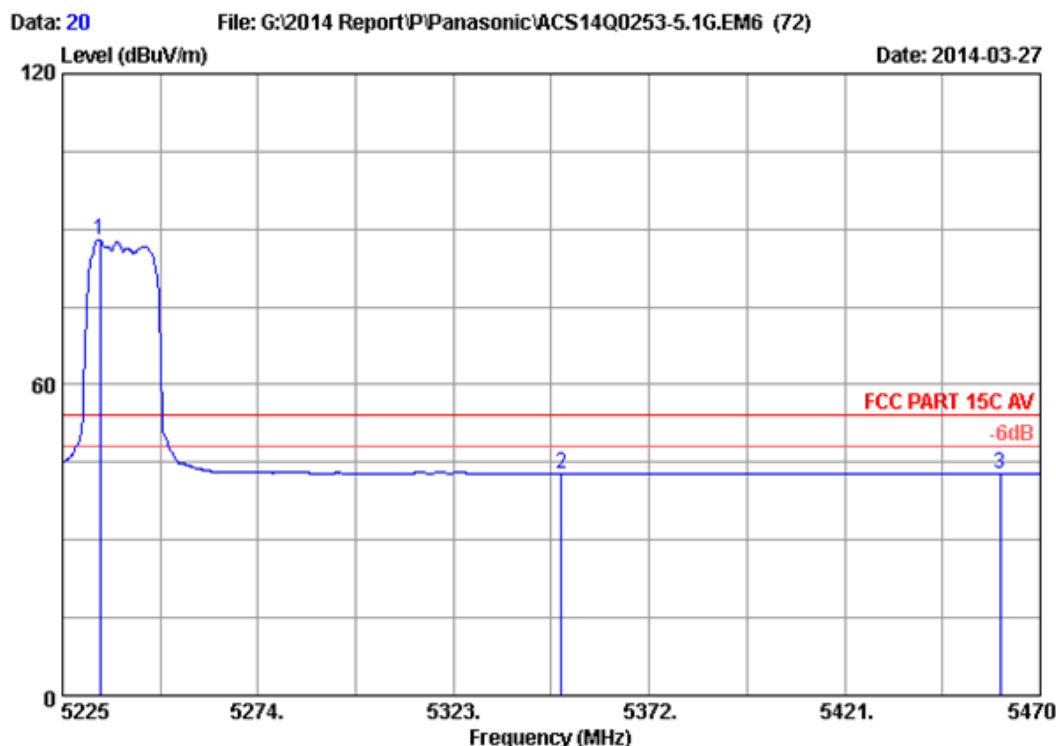
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



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 : IEEE802.11a 5240MHz 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	5234.310	33.57	9.01	35.70	91.50	98.38	74.00	-24.38	Peak
2	5350.000	33.76	9.13	35.70	47.12	54.31	74.00	19.69	Peak
3	5460.000	33.94	9.25	35.70	47.82	55.31	74.00	18.69	Peak

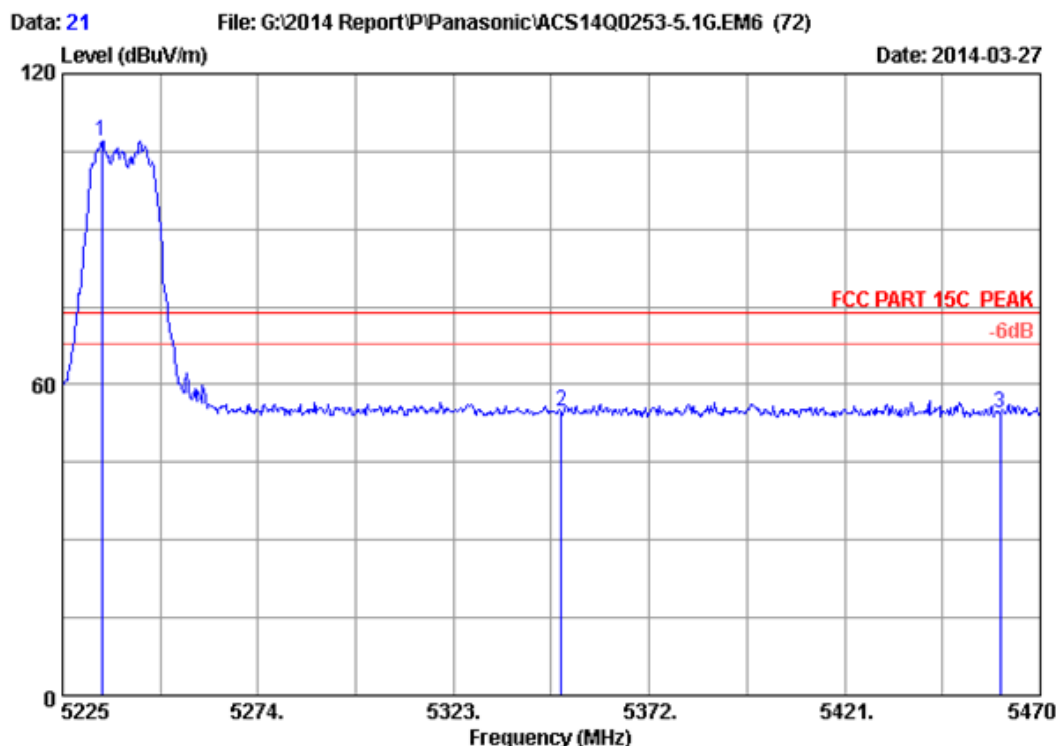
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.



Site no. : 3m Chamber Data no. : 20
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5240MHz 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	5234.310	33.57	9.01	35.70	81.08	87.96	54.00	-33.96	Average
2	5350.000	33.76	9.13	35.70	35.65	42.84	54.00	11.16	Average
3	5460.000	33.94	9.25	35.70	35.37	42.86	54.00	11.14	Average

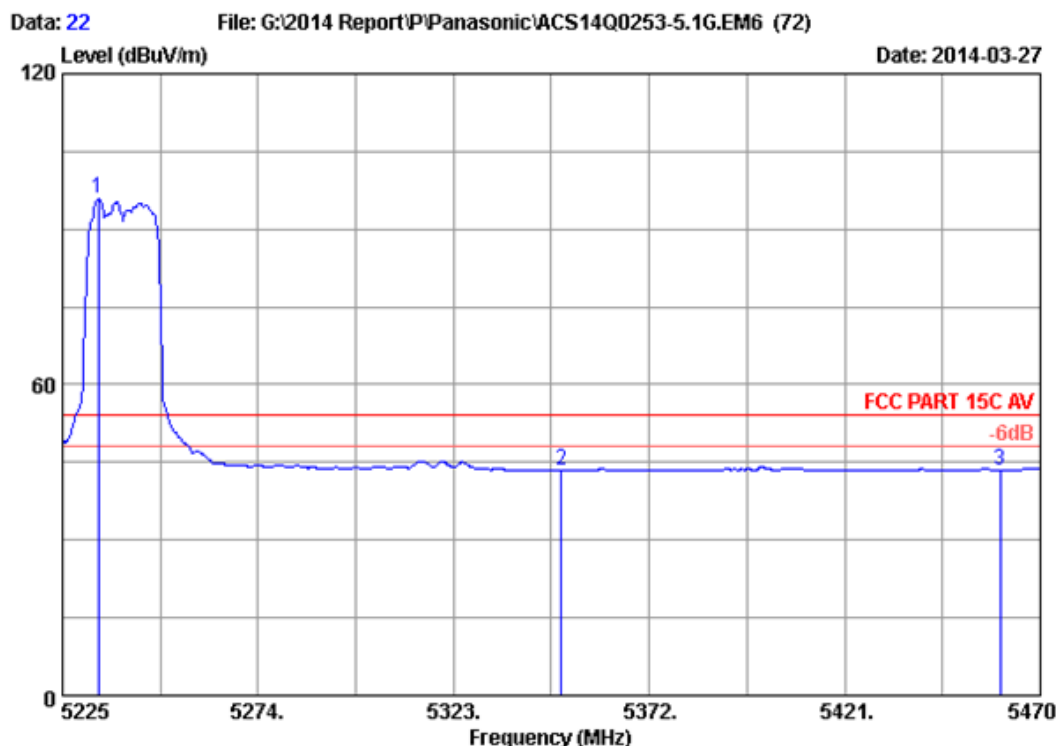
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 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 : IEEE802.11a 5240MHz 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	5234.800	33.58	9.01	35.70	100.17	107.06	74.00	-33.06	Peak
2	5350.000	33.76	9.13	35.70	47.50	54.69	74.00	19.31	Peak
3	5460.000	33.94	9.25	35.70	46.86	54.35	74.00	19.65	Peak

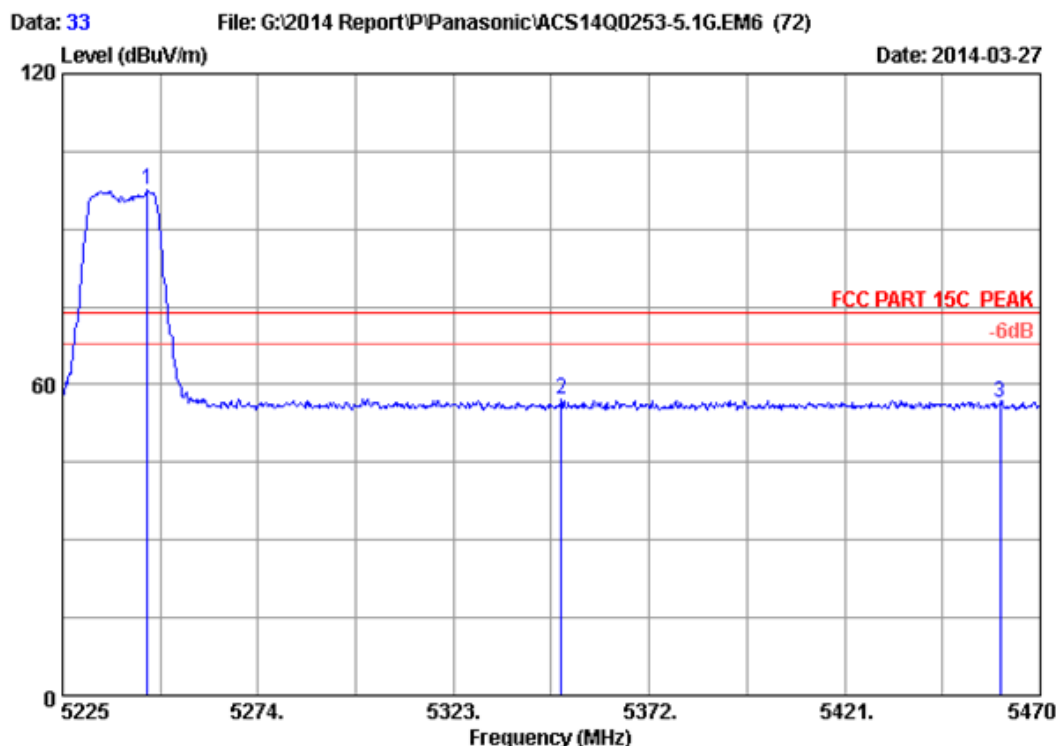
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 22
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11a 5240MHz 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	5234.065	33.57	9.01	35.70	88.92	95.80	54.00	-41.80	Average
2	5350.000	33.76	9.13	35.70	36.16	43.35	54.00	10.65	Average
3	5460.000	33.94	9.25	35.70	36.01	43.50	54.00	10.50	Average

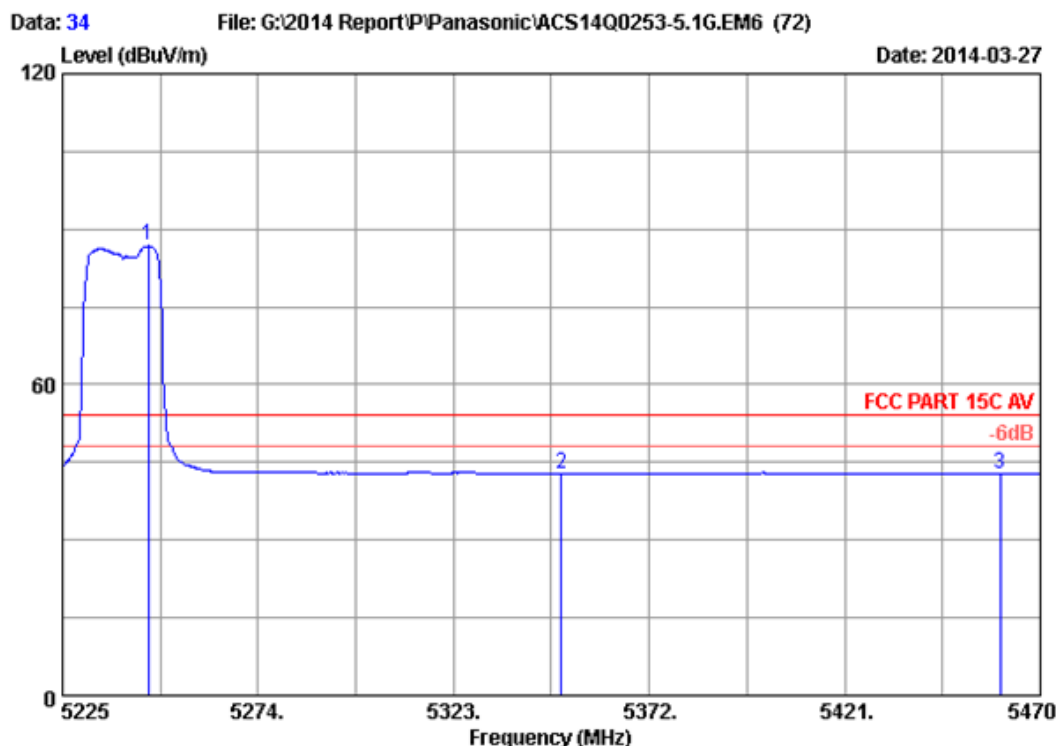
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 33
 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 5240MHz 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	5246.315	33.59	9.02	35.70	90.80	97.71	74.00	-23.71	Peak
2	5350.000	33.76	9.13	35.70	50.05	57.24	74.00	16.76	Peak
3	5460.000	33.94	9.25	35.70	48.94	56.43	74.00	17.57	Peak

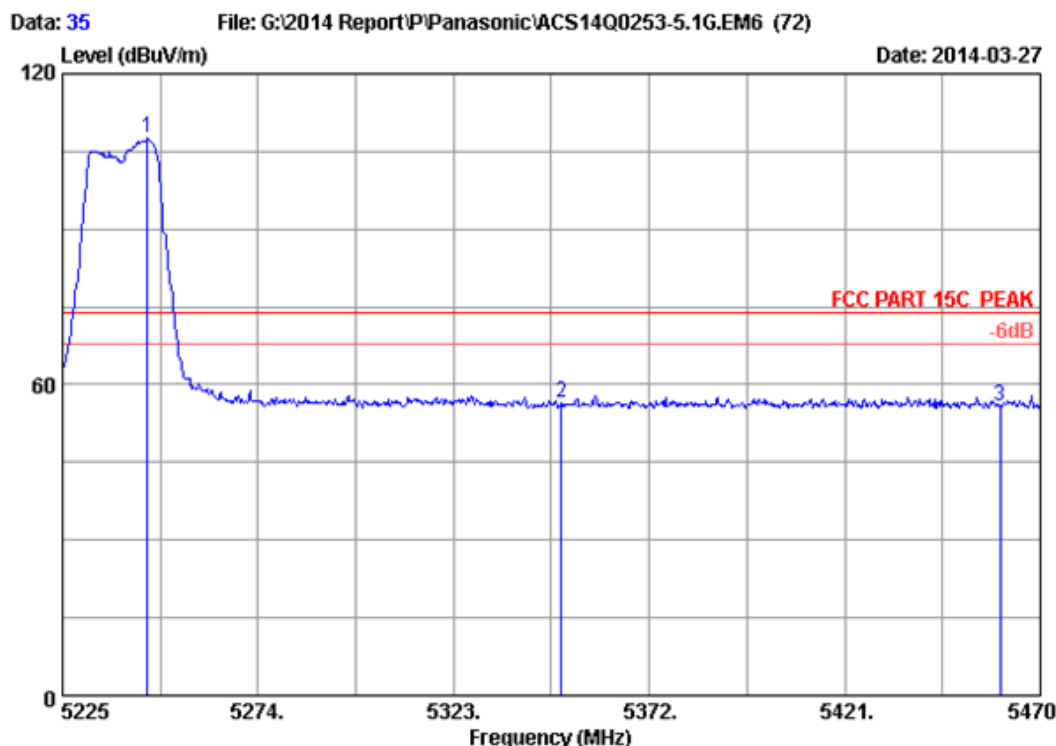
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 34
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5240MHz 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	5246.560	33.59	9.02	35.70	79.83	86.74	54.00	-32.74	Average
2	5350.000	33.76	9.13	35.70	35.67	42.86	54.00	11.14	Average
3	5460.000	33.94	9.25	35.70	35.35	42.84	54.00	11.16	Average

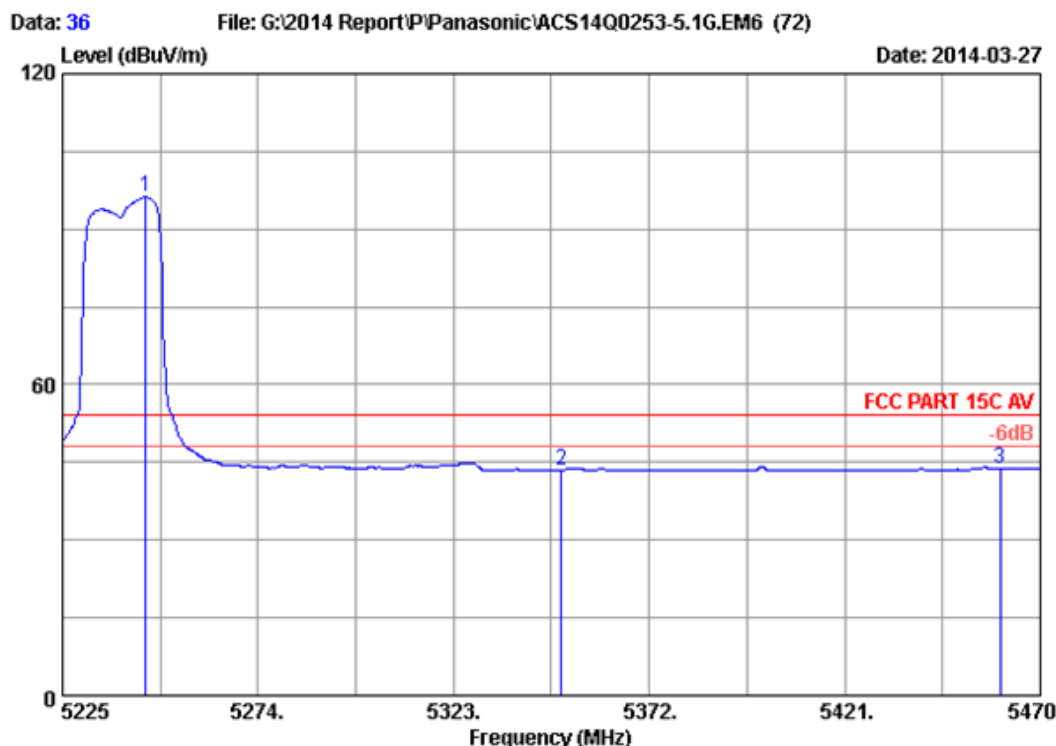
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



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 : IEEE802.11nHT20 5240MHz 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	5246.315	33.59	9.02	35.70	100.79	107.70	74.00	-33.70	Peak
2	5350.000	33.76	9.13	35.70	49.24	56.43	74.00	17.57	Peak
3	5460.000	33.94	9.25	35.70	48.40	55.89	74.00	18.11	Peak

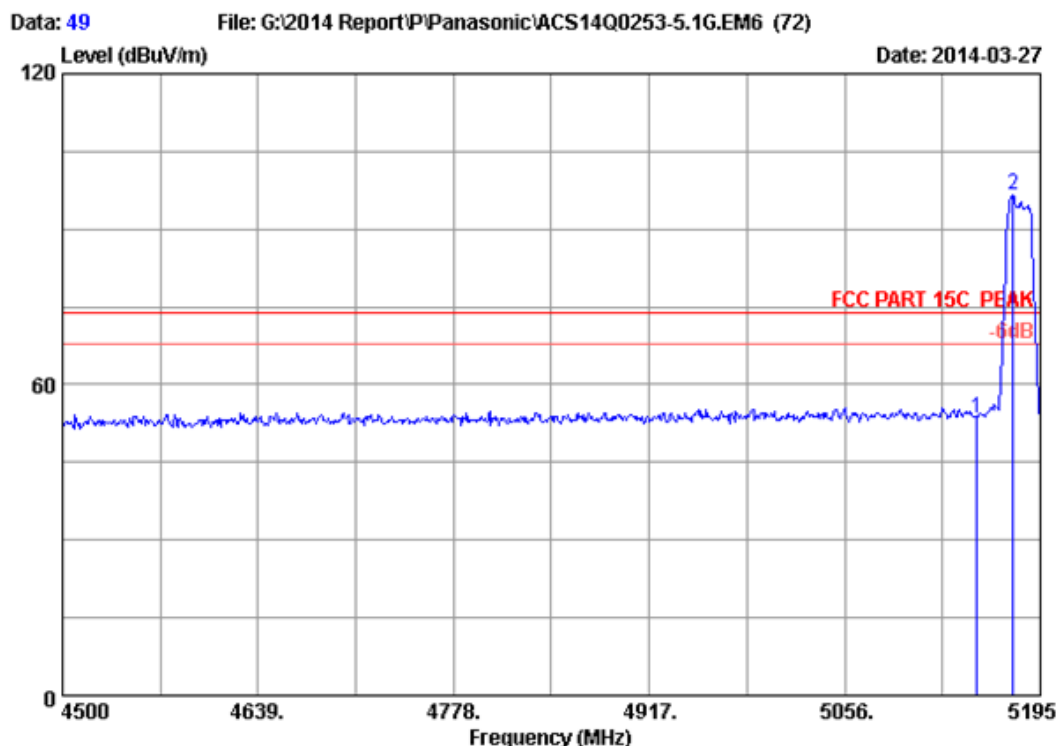
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 36
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Leo-Li
 EUT : Wireless Speaker System
 Power Rating : AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 5240MHz 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	5245.825	33.59	9.02	35.70	89.28	96.19	54.00	-42.19	Average
2	5350.000	33.76	9.13	35.70	36.36	43.55	54.00	10.45	Average
3	5460.000	33.94	9.25	35.70	36.19	43.68	54.00	10.32	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. : 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 : IEEE802.11nHT20 5180MHz 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	5150.000	33.44	8.92	35.70	46.89	53.55	74.00	20.45	Peak
2	5175.540	33.48	8.95	35.70	89.77	96.50	74.00	-22.50	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.