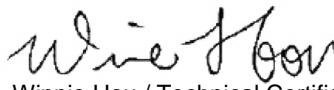


Prüfbericht-Nr.: <i>Test report No.:</i>	50059078 001	Auftrags-Nr.: <i>Order No.:</i>	164074099	Seite 1 von 21 <i>Page 1 of 21</i>	
Kunden-Referenz-Nr.: <i>Client reference No.:</i>	N/A	Auftragsdatum: <i>Order date.:</i>	08.09.2016		
Auftraggeber: <i>Client:</i>	Binatone Electronics International Ltd. Floor 23A, 9 Des Voeux Road West, Sheung Wan, Hong Kong				
Prüfgegenstand: <i>Test item:</i>	Smart Nursery Alert Sensor				
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	MBP81SN, MBP81SN-2, MBP81SN-3, MBP81SN-4 (motorola)				
Auftrags-Inhalt: <i>Order content:</i>	FCC and IC approval				
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15: Subpart C Section 15.247 CFR47 FCC Part 15: Subpart C Section 15.207 CFR47 FCC Part 15: Subpart C Section 15.209 CFR47 FCC Part 2: Section 2.1093	RSS-247 Issue 1 May 2015 RSS-Gen Issue 4 November 2014 RSS-102 Issue 5 March 2015			
Wareneingangsdatum: <i>Date of receipt:</i>	09.09.2016	Please refer to photo documents			
Prüfmuster-Nr.: <i>Test sample No.:</i>	E1610001 (1-5, 3-5)				
Prüfzeitraum: <i>Testing period:</i>	24.09.2016 - 12.10.2016				
Ort der Prüfung: <i>Place of testing:</i>	Audix Technology (Shenzhen) Co., Ltd.				
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.				
Prüfergebnis*: <i>Test result*:</i>	Pass	kontrolliert von / reviewed by:  27.10.2016 Ryan Yang / Senior Project Engineer			
geprüft von / tested by:					
			 27.10.2016 Winnie Hou / Technical Certifier		
Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>
Sonstiges / Other:					
FCC ID: VLJ-MBP81SN IC: 4522A-MBP81SN HVIN: MBP81SN					
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>			Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged:</i>		
* Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(pass) = entspricht o.g. Prüfgrundlage(n) F(fail) = entspricht nicht o.g. Prüfgrundlage(n) Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(pass) = passed a.m. test specifications(s) F(fail) = failed a.m. test specifications(s) N/A = nicht anwendbar N/T = nicht getestet N/A = not applicable N/T = not tested					
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>					

Prüfbericht - Nr.: 50059078 001
Test Report No.

Seite 2 von 21
Page 2 of 21

Test Summary

5.1.1 ANTENNA REQUIREMENT
RESULT: Pass

5.1.2 MAXIMUM PEAK CONDUCTED OUTPUT POWER
RESULT: Pass

5.1.3 CONDUCTED POWER SPECTRAL DENSITY
RESULT: Pass

5.1.4 6dB BANDWIDTH
RESULT: Pass

5.1.5 99% BANDWIDTH
RESULT: Pass

5.1.6 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 kHz BANDWIDTH
RESULT: Pass

5.1.7 RADIATED SPURIOUS EMISSION
RESULT: Pass

6.1.1 ELECTROMAGNETIC FIELDS
RESULT: Pass

Prüfbericht - Nr.: 50059078 001

Test Report No.

Seite 3 von 21
Page 3 of 21**Contents**

1	GENERAL REMARKS	4
1.1	COMPLEMENTARY MATERIALS	4
2	TEST SITES	4
2.1	TEST FACILITIES	4
2.2	LIST OF TEST AND MEASUREMENT INSTRUMENTS.....	5
2.3	TRACEABILITY	6
2.4	CALIBRATION	6
2.5	MEASUREMENT UNCERTAINTY.....	6
2.6	LOCATION OF ORIGINAL DATA.....	6
2.7	STATUS OF FACILITY USED FOR TESTING.....	6
3	GENERAL PRODUCT INFORMATION	7
3.1	PRODUCT FUNCTION AND INTENDED USE.....	7
3.2	RATINGS AND SYSTEM DETAILS	7
3.3	INDEPENDENT OPERATION MODES	8
3.4	NOISE GENERATING AND NOISE SUPPRESSING PARTS.....	8
3.5	SUBMITTED DOCUMENTS.....	8
4	TEST SET-UP AND OPERATION MODES	9
4.1	PRINCIPLE OF CONFIGURATION SELECTION	9
4.2	TEST OPERATION AND TEST SOFTWARE	9
4.3	SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT	9
4.4	COUNTERMEASURES TO ACHIEVE EMC COMPLIANCE	9
4.5	TEST SETUP DIAGRAM	10
5	TEST RESULTS	11
5.1	TRANSMITTER REQUIREMENT & TEST SUITES	11
5.1.1	Antenna Requirement	11
5.1.2	Maximum Peak Conducted Output Power.....	12
5.1.3	Conducted Power Spectral Density	13
5.1.4	6dB Bandwidth	14
5.1.5	99% Bandwidth	15
5.1.6	Conducted Spurious Emissions Measured in 100 kHz Bandwidth	16
5.1.7	Radiated Spurious Emission	17
6	SAFETY HUMAN EXPOSURE	18
6.1	RADIO FREQUENCY EXPOSURE COMPLIANCE	18
6.1.1	Electromagnetic Fields	18
7	PHOTOGRAPHS OF THE TEST SET-UP	19
8	LIST OF TABLES.....	21
9	LIST OF PHOTOGRAPHS	21

1 General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix A: Test Results of Wi-Fi 802.11b/g/n of Conducted Testing

Appendix B: Test Results of Wi-Fi 802.11b/g/n of Radiated Testing

2 Test Sites

2.1 Test Facilities

Audix Technology (Shenzhen) Co., Ltd.

No. 6, Ke Feng Road, Block 52, Shenzhen Science & Industry Park, Nantou, Shenzhen, Guangdong, 518057 China

FCC Registration No.: 90454

Test site Industry Canada No.: 5183A-1

The tests at the test sites have been conducted under the supervision of a TÜV engineer.

Prüfbericht - Nr.: 50059078 001
Test Report No.

 Seite 5 von 21
 Page 5 of 21

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Audix Technology (Shenzhen) Co., Ltd.

Radio Spectrum Test				
Equipment	Manufacturer	Model No.	Serial No.	Cal. Until
Spectrum	Agilent	N9030A	MY51380221	14.10.2017
Spurious Emission, Below 1GHz				
Equipment	Manufacturer	Model No.	Serial No.	Cal. Until
EMI Spectrum	Agilent	E4407B	MY41440292	23.04.2017
Test Receiver	R&S	ESVS10	834468/011	23.04.2017
Amplifier	HP	8447D	2648A04738	23.04.2017
Loop Antenna	Chase	HLA6120	1062	24.09.2017
Tri-log-Broadband Antenna	SCHWARZBECK	VULB 9168	9168-710	19.07.2017
RF Cable	MIYAZAKI	CFD400NL-LW	No.3	25.09.2017
Coaxial Switch	Anritsu	MP59B	6201397222	22.04.2017
Attenuator	EMCI	EMCI-N-6-06	AT-N0639	25.09.2017
Spurious Emission, Above 1GHz				
Equipment	Manufacturer	Model No.	Serial No.	Cal. Until
3#Chamber	AUDIX	N/A	N/A	20.05.2017
Spectrum Analyzer	Agilent	E4446A	US44300459	23.04.2017
Horn Antenna	ETS	3115	9510-4877	14.10.2016
Amplifier	Agilent	8449B	3008A02495	23.04.2017
RF Cable	Hubersuhner	SUCOFLEX106	505238/6	23.04.2017

2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements as below table

Item	Uncertainty	Remark
Radiated Emission test in 3m chamber	±2.8 dB	Below 1GHz
Radiated Emission test in 3m chamber	±5.8 dB	Above 1GHz
Conducted Spurious emission test	±2.0 dB	
Output power test	±0.8 dB	
Power density test	±2.0 dB	
Bandwidth	±83 KHz	
Temperature	±3%	
humidity	±0.6°C	

2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix A & B of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

The Audix Technology (Shenzhen) Co., Ltd. Test facility located at No. 6, Ke Feng Road, Block 52, Shenzhen Science & Industry Park, Nantou, Shenzhen, Guangdong, 518057 China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3 General Product Information

3.1 Product Function and Intended Use

The EUT is Smart Nursery Alert Sensor device, it supports 2.4GHz Wi-Fi 802.11 b/g/n wireless technology.

According to the declaration of the applicant, the electrical circuit design, PCB layout and components used are identical for all models, only the model number and amount of device bundle are different, see below table for details:

Model No.	Amount of device bundle
MBP81SN	Means 1 device bundle
MBP81SN-2	Means 2 devices bundle
MBP81SN-3	Means 3 devices bundle
MBP81SN-4	Means 4 devices bundle

For details refer to the User Manual, Technical Description and Circuit Diagram.

3.2 Ratings and System Details

Table 2: Technical Specification of EUT

General Information of EUT	Value
Kind of Equipment	Smart Nursery Alert Sensor
Type Designation	MBP81SN, MBP81SN-2, MBP81SN-3, MBP81SN-4
Trade Mark	motorola
FCC ID	VLJ-MBP81SN
IC / HVIN	4522A-MBP81SN / MBP81SN
Operating Temperature Range	-10 °C ~ +50 °C
Operating Voltage	DC 3.0V via 'AAA' batteries x 2
Testing Voltage	DC 3.0V via 'AAA' batteries x 2
Technical Specification of Wi-Fi 802.11 b/g/n	
Operating Frequency	2412 - 2462 MHz for 802.11b/g/n(HT20) 2422 - 2452 MHz for 802.11n(HT40)
Type of Modulation	DSSS(DBPSK/DQPSK/CCK) OFDM(BPSK/QPSK/16QAM/64QAM)
Data Rate	1/2/5.5/11 Mbps for 802.11b 6/9/12/18/24/36/48/54 Mbps for 802.11g MCS0 ~ MCS7 Mbps for 802.11n
Channel Number	11 channels for 802.11b/g/n(HT20) 7 channels for 802.11n(HT40)
Channel Separation	5 MHz
Antenna Type	Integral Antenna
Gain	0 dBi

Prüfbericht - Nr.: **50059078 001**

Test Report No.

Seite 8 von 21
Page 8 of 21

Table 3: RF Channel and Frequency of Wi-Fi 802.11 b/g/n

RF Channel	802.11 b/g/n(HT20)	802.11 n(HT40)
	Frequency (MHz)	Frequency (MHz)
01	2412	/
02	2417	/
03	2422	2422
04	2427	2427
05	2432	2432
06	2437	2437
07	2442	2442
08	2447	2447
09	2452	2452
10	2457	/
11	2462	/

Test frequencies are lowest channel: 2412 MHz, middle channel: 2437 MHz and highest channel: 2462 MHz for 802.11b/g/n(HT20)

Test frequencies are lowest channel: 2422 MHz, middle channel: 2437 MHz and highest channel: 2452 MHz for 802.11n(HT40)

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, Wi-Fi transmitting
 - 1. Low channel
 - 2. Middle channel
 - 3. High channel
- B. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

- Application Form
- Block Diagram
- FCC/IC Label and Location Info
- Operation Description
- PCB Layout
- Photo Document
- Schematics
- User Manual

4 Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

Radio Spectrum: The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted level. The test modes were adapted accordingly in reference to the instructions for use.

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.10: 2013.

According to clause 3.1, all tests were performed on model MBP81SN in this report.

4.3 Special Accessories and Auxiliary Equipment

Table 4: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N	Rating
PC	Lenovo	T4900c-00	R301NRS8	N/A

4.4 Countermeasures to Achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF).

No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

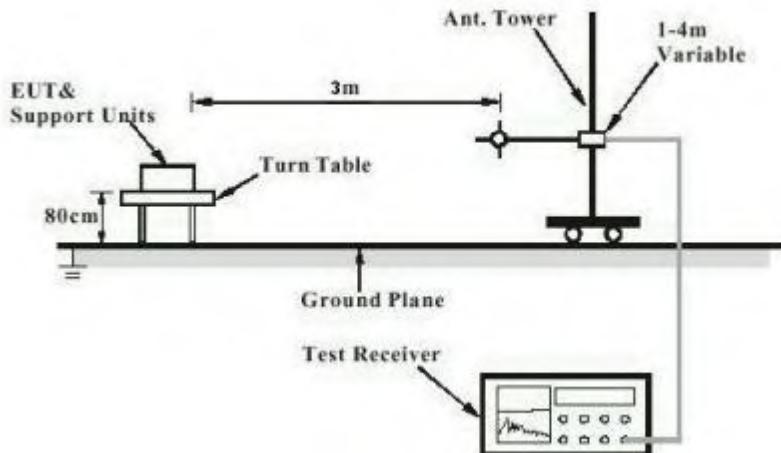


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

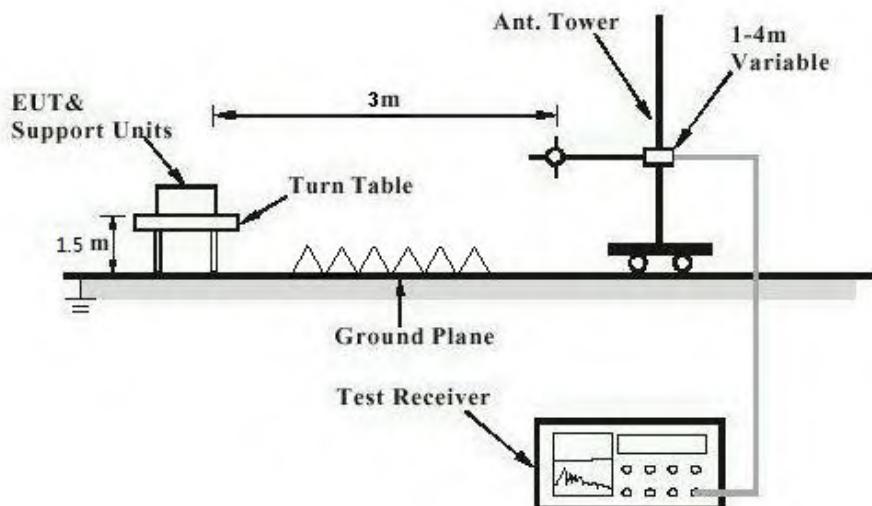
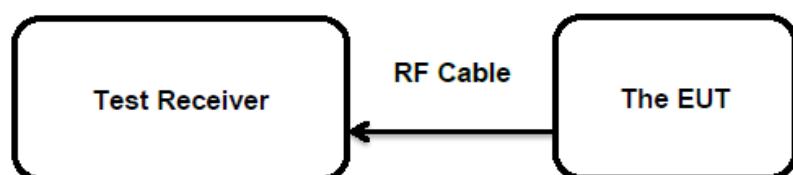


Diagram of Measurement Configuration for Conducted Transmitter Measurement



5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT: Pass

Test Specification

Test standard : FCC Part 15.247(b)(4) and Part 15.203

According to the manufacturer declared, the EUT has an internal antenna, the directional gain of antenna is 0 dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision.

Therefore the EUT is considered sufficient to comply with the provision.

Refer to EUT Photo for further details.

Prüfbericht - Nr.: 50059078 001
Test Report No.

 Seite 12 von 21
 Page 12 of 21

5.1.2 Maximum Peak Conducted Output Power

RESULT:
Pass
Test Specification

Test standard	:	FCC Part 15.247(b)(3) RSS-247 Clause 5.4(4)
Basic standard	:	ANSI C63.10: 2013
Limits	:	< 1.0 Watts
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	28.09.2016
Input voltage	:	DC 3.0V via 'AAA' batteries x 2
Operation mode	:	A
Test channel	:	Low / Middle / High
Ambient temperature	:	25 °C
Relative humidity	:	56 %
Atmospheric pressure	:	101 kPa

For details refer to following test result.

Table 5: Test Result of Maximum Peak Conducted Output Power

Test Mode	Data Rate	Frequency (MHz)	Measured Power		Limit
			dBm	W	
802.11b	11 Mbps	2412	1.45	0.00140	< 1W(30dBm)
		2437	1.32	0.00136	
		2462	0.81	0.00121	
802.11g	54 Mbps	2412	-1.66	0.00068	< 1W(30dBm)
		2437	-1.79	0.00066	
		2462	-2.20	0.00060	
802.11n (HT20)	MCS7 Mbps	2412	-3.42	0.00045	< 1W(30dBm)
		2437	-3.49	0.00045	
		2462	-3.77	0.00042	
802.11n (HT40)	MCS7 Mbps	2422	-3.99	0.00040	< 1W(30dBm)
		2437	-4.07	0.00039	
		2452	-4.23	0.00038	
Maximum Measured Value			1.45	0.00140	

Note: The cable loss is taken into account in results.

For the measurement records, refer to the appendix A.

Prüfbericht - Nr.: 50059078 001
Test Report No.

 Seite 13 von 21
 Page 13 of 21

5.1.3 Conducted Power Spectral Density

RESULT:
Pass
Test Specification

Test standard	:	FCC Part 15.247(e) RSS-247 Clause 5.2(2)
Basic standard	:	ANSI C63.10: 2013
Limits	:	8 dBm / 3kHz
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	28.09.2016
Input voltage	:	DC 3.0V via 'AAA' batteries x 2
Operation mode	:	A
Test channel	:	Low / Middle / High
Ambient temperature	:	25 °C
Relative humidity	:	56 %
Atmospheric pressure	:	101 kPa

For details refer to following test result.

Table 6: Test Result of Power Spectral Density

Test Mode	Data Rate	Frequency (MHz)	Measured Peak Power Spectral Density (dBm/3KHz)
802.11b	11 Mbps	2412	-9.705
		2437	-5.826
		2462	-6.609
802.11g	54 Mbps	2412	-26.857
		2437	-26.966
		2462	-27.006
802.11n (HT20)	MCS7 Mbps	2412	-29.159
		2437	-29.267
		2462	-29.645
802.11n (HT40)	MCS7 Mbps	2422	-29.837
		2437	-30.328
		2452	-30.098
Maximum Measured Value			-5.826

Note: The cable loss is taken into account in results.

For the measurement records, refer to the appendix A.

Prüfbericht - Nr.: 50059078 001

Test Report No.

Seite 14 von 21
Page 14 of 21

5.1.4 6dB Bandwidth

RESULT:

Pass

Test Specification

Test standard	:	FCC Part 15.247(a)(2)
		RSS-247 Clause 5.2(1)
Basic standard	:	ANSI C63.10: 2013
Limits	:	> 500 KHz
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	28.09.2016
Input voltage	:	DC 3.0V via 'AAA' batteries x 2
Operation mode	:	A
Test channel	:	Low / Middle / High
Ambient temperature	:	25 °C
Relative humidity	:	56 %
Atmospheric pressure	:	101 kPa

For details refer to following test result.

Table 7: Test Result of 6dB Bandwidth

Test Mode	Data Rate	Frequency (MHz)	-6dB Bandwidth (MHz)	Limit (kHz)
802.11b	11 Mbps	2412	8.643	> 500
		2437	8.644	
		2462	8.647	
802.11g	54 Mbps	2412	16.460	> 500
		2437	16.450	
		2462	16.450	
802.11n (HT20)	MCS7 Mbps	2412	17.620	> 500
		2437	17.610	
		2462	17.610	
802.11n (HT40)	MCS7 Mbps	2422	36.350	> 500
		2437	36.790	
		2452	36.350	
Minimum Measured Value			8.643	

For the measurement records, refer to the appendix A.

Prüfbericht - Nr.: 50059078 001
Test Report No.

Seite 15 von 21
Page 15 of 21

5.1.5 99% Bandwidth

RESULT:

Pass

Test Specification

Test standard	:	RSS-Gen Clause 6.6
Basic standard	:	ANSI C63.10: 2013
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	28.09.2016
Input voltage	:	DC 3.0V via 'AAA' batteries x 2
Operation mode	:	A
Test channel	:	Low / Middle / High
Ambient temperature	:	25 °C
Relative humidity	:	56 %
Atmospheric pressure	:	101 kPa

For details refer to following test result.

Table 8: Test Result of 99% Bandwidth

Test Mode	Data Rate	Frequency (MHz)	99% Bandwidth (MHz)	Limit (kHz)
802.11b	11 Mbps	2412	13.367	/
		2437	13.368	
		2462	13.335	
802.11g	54 Mbps	2412	16.456	/
		2437	16.455	
		2462	16.456	
802.11n (HT20)	MCS7 Mbps	2412	17.596	/
		2437	17.594	
		2462	17.593	
802.11n (HT40)	MCS7 Mbps	2422	36.131	/
		2437	36.124	
		2452	36.132	
Maximum Measured Value			36.132	

For the measurement records, refer to the appendix A.

Prüfbericht - Nr.: 50059078 001
*Test Report No.*Seite 16 von 21
Page 16 of 21**5.1.6 Conducted Spurious Emissions Measured in 100 kHz Bandwidth****RESULT:****Pass****Test Specification**

Test standard	:	FCC Part 15.247(d) RSS-247 Clause 5.5
Basic standard	:	ANSI C63.10: 2013
Limits	:	20dB (below that in the 100kHz bandwidth within the band that contains the highest level of the desired power);
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	28.09.2016
Input voltage	:	DC 3.0V via 'AAA' batteries x 2
Operation mode	:	A
Test channel	:	Low / Middle / High
Ambient temperature	:	25 °C
Relative humidity	:	56 %
Atmospheric pressure	:	101 kPa

Test results of 100kHz Bandwidth of Frequency Band Edge by Conducted method refer to following test plot, and compliance is achieved as well.

For the measurement records, refer to the appendix A.

Prüfbericht - Nr.: 50059078 001
*Test Report No.*Seite 17 von 21
Page 17 of 21**5.1.7 Radiated Spurious Emission****RESULT:****Pass****Test Specification**

Test standard	:	FCC Part 15.247(d) & FCC Part 15.205 RSS-247 Clause 3.3
Basic standard	:	ANSI C63.10: 2013
Limits	:	Refer to 15.209(a) of FCC part 15.247(d) RSS-Gen Table 4 & Table 5
Kind of test site	:	3m Semi-anechoic Chamber

Test Setup

Date of testing	:	Refer to test plots
Input voltage	:	DC 3.0V via 'AAA' batteries x 2
Operation mode	:	A
Test channel	:	Low / Middle / High
Ambient temperature	:	24 °C
Relative humidity	:	48 %
Atmospheric pressure	:	101 kPa

Remark:

Testing was carried out within frequency range 9kHz – 30MHz and 18GHz - 26.5GHz, and the measurements with active antenna were greater than 20dB below the limit, so the test data were not recorded in the test report.

For frequencies above 1000 MHz, the above field strength limits are based on average limits, and the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. Hence the average level was deemed to comply with average limit, and not reported in the test report.

For the measurement records, refer to the appendix B.

Prüfbericht - Nr.: 50059078 001
Test Report No.

Seite 18 von 21
Page 18 of 21

6 Safety Human Exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT:

Pass

Test Specification

Test standard : CFR47 FCC Part 2: Section 2.1093
FCC KDB Publication 447498 D01 v06
RSS-102 Issue 5 March 2015

Measurement Record:

The minimum distance for the EUT is less than 5mm.

Since maximum peak output power of the transmitter is $1.45 \text{ dBm} \approx 1.40 \text{ mW} < \frac{3*d}{\sqrt{f}} = 9.56 \text{ mW}$.

Hence the EUT is excluded from SAR evaluation according to FCC KDB Publication 447498 D01 General RF Exposure Guidance v06.

The maximum peak output power of the transmitter is 1.45 dBm (1.40 mW), which is far below the SAR exclusion threshold level 4 mW≈6.02 dBm.

Hence the EUT is exempted from routine evaluation limits (SAR Evaluation) according to clause 2.5.1 of RSS-102 Issue 5.

Prüfbericht - Nr.: 50059078 001
*Test Report No.*Seite 21 von 21
Page 21 of 21

8 List of Tables

Table 1: List of Test and Measurement Equipment.....	5
Table 2: Technical Specification of EUT	7
Table 3: RF Channel and Frequency of Wi-Fi 802.11 b/g/n	8
Table 4: List of Accessories and Auxiliary Equipment.....	9
Table 5: Test Result of Maximum Peak Conducted Output Power.....	12
Table 6: Test Result of Power Spectral Density.....	13
Table 7: Test Result of 6dB Bandwidth	14
Table 8: Test Result of 99% Bandwidth	15

9 List of Photographs

Photograph 1: Set-up for Radio Spectrum Test	19
Photograph 2: Set-up for Radiated Spurious Emission, 30MHz~1GHz.....	19
Photograph 3: Set-up for Radiated Spurious Emission, Above 1GHz	20

Appendix A

Test Results of Wi-Fi 802.11b/g/n of Conducted Testing

APPENDIX A	1
APPENDIX A.1: MAXIMUM PEAK CONDUCTED OUTPUT POWER	2
<i>Wi-Fi 802.11 b mode, 11 Mbps</i>	2
<i>Wi-Fi 802.11 g mode, 54 Mbps</i>	3
<i>Wi-Fi 802.11 n(HT20) mode, MCS7 Mbps</i>	5
<i>Wi-Fi 802.11 n(HT40) mode, MCS7 Mbps</i>	6
APPENDIX A.2: CONDUCTED POWER SPECTRAL DENSITY	8
<i>Wi-Fi 802.11 b mode, 11 Mbps</i>	8
<i>Wi-Fi 802.11 g mode, 54 Mbps</i>	9
<i>Wi-Fi 802.11 n(HT20) mode, MCS7 Mbps</i>	11
<i>Wi-Fi 802.11 n(HT40) mode, MCS7 Mbps</i>	12
APPENDIX A.3: 6dB BANDWIDTH & 99% BANDWIDTH	14
<i>Wi-Fi 802.11 b mode, 11 Mbps</i>	14
<i>Wi-Fi 802.11 g mode, 54 Mbps</i>	15
<i>Wi-Fi 802.11 n(HT20) mode, MCS7 Mbps</i>	17
<i>Wi-Fi 802.11 n(HT40) mode, MCS7 Mbps</i>	18
APPENDIX A.4: CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 kHz BANDWIDTH	20
<i>Wi-Fi 802.11 b mode, 11 Mbps</i>	20
<i>Wi-Fi 802.11 g mode, 54 Mbps</i>	24
<i>Wi-Fi 802.11 n(HT20) mode, MCS7 Mbps</i>	29
<i>Wi-Fi 802.11 n(HT40) mode, MCS7 Mbps</i>	33
<i>Wi-Fi 802.11 b mode, Band Edge</i>	38
<i>Wi-Fi 802.11 g mode, Band Edge</i>	39
<i>Wi-Fi 802.11 n(HT20) mode, Band Edge</i>	40
<i>Wi-Fi 802.11 n(HT40) mode, Band Edge</i>	41

Appendix A.1: Maximum Peak Conducted Output Power

Wi-Fi 802.11 b mode, 11 Mbps





Wi-Fi 802.11 g mode, 54 Mbps





Wi-Fi 802.11 n(HT20) mode, MCS7 Mbps





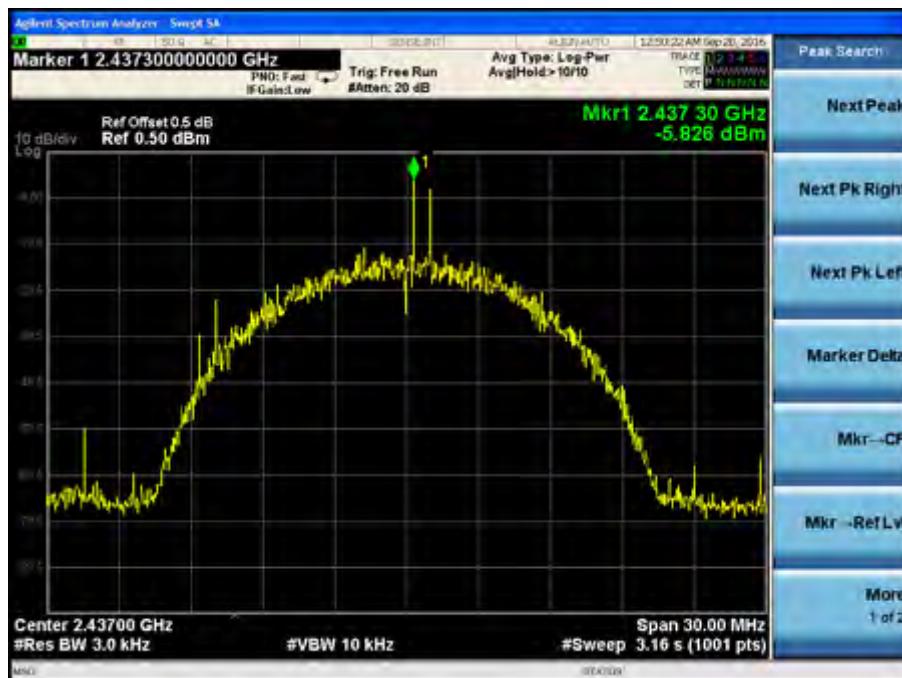
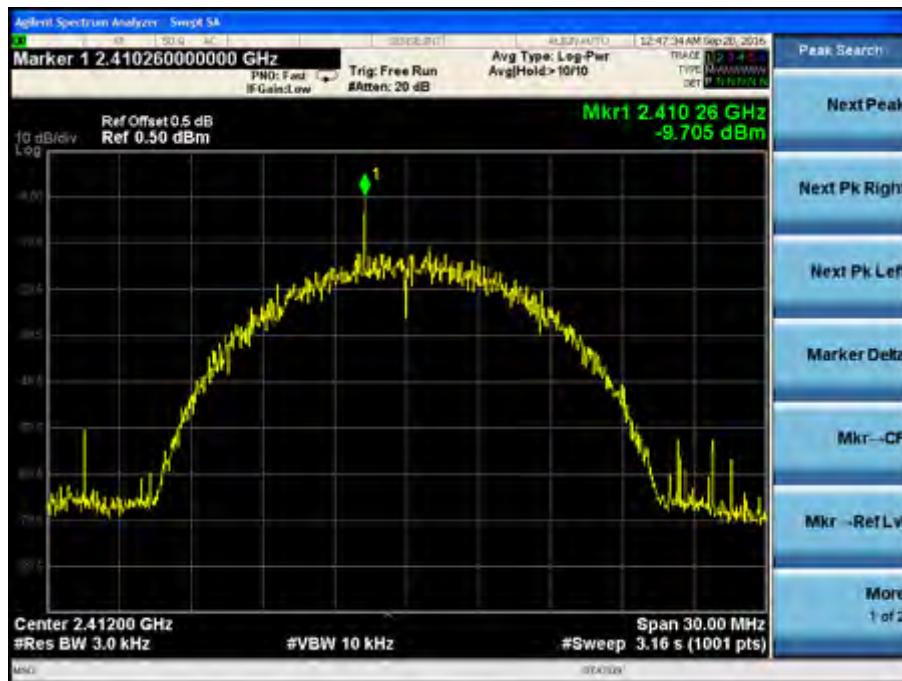
Wi-Fi 802.11 n(HT40) mode, MCS7 Mbps

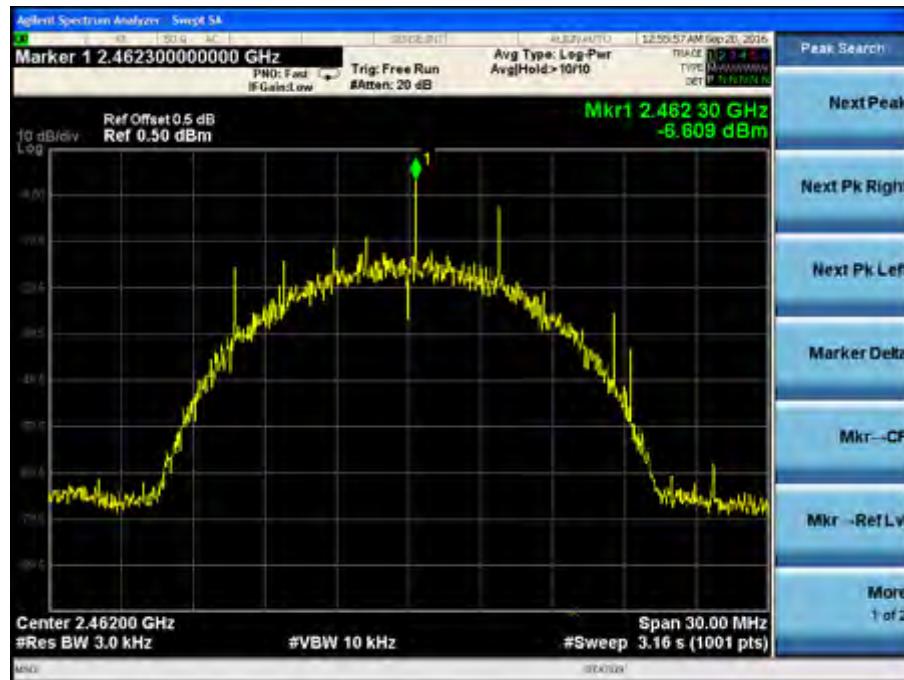




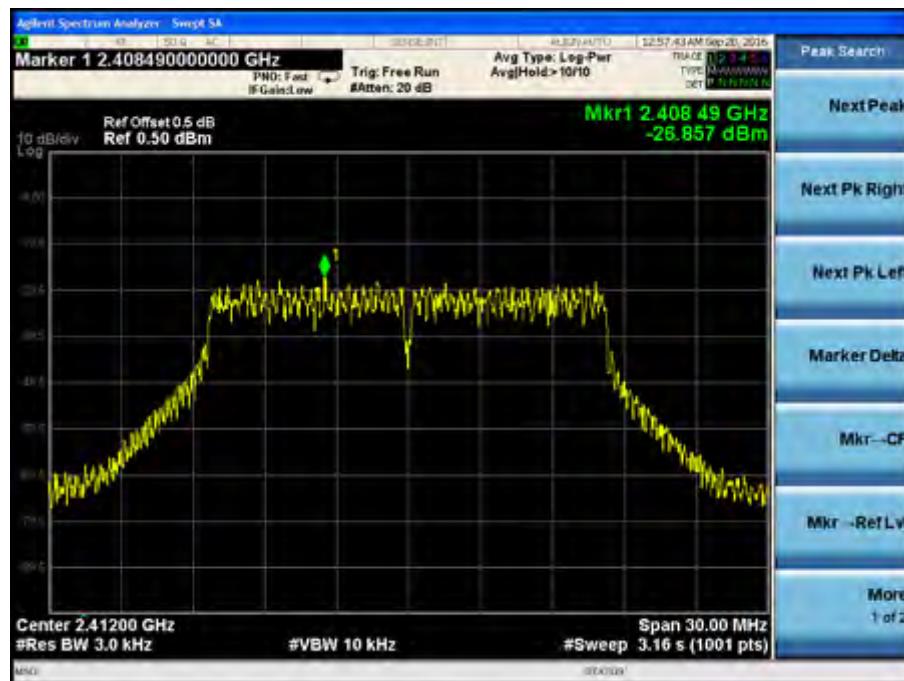
Appendix A.2: Conducted Power Spectral Density

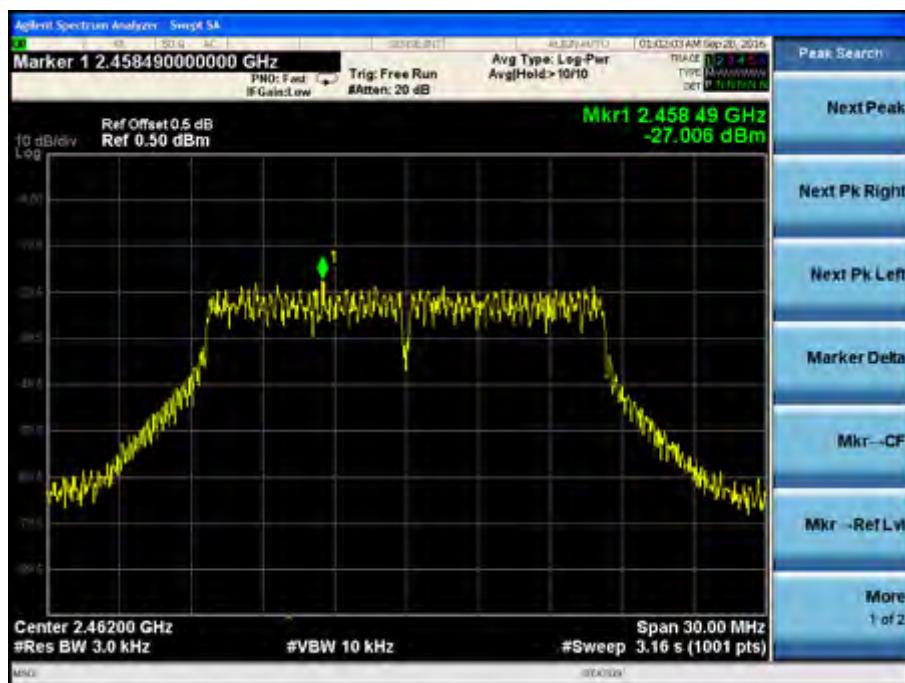
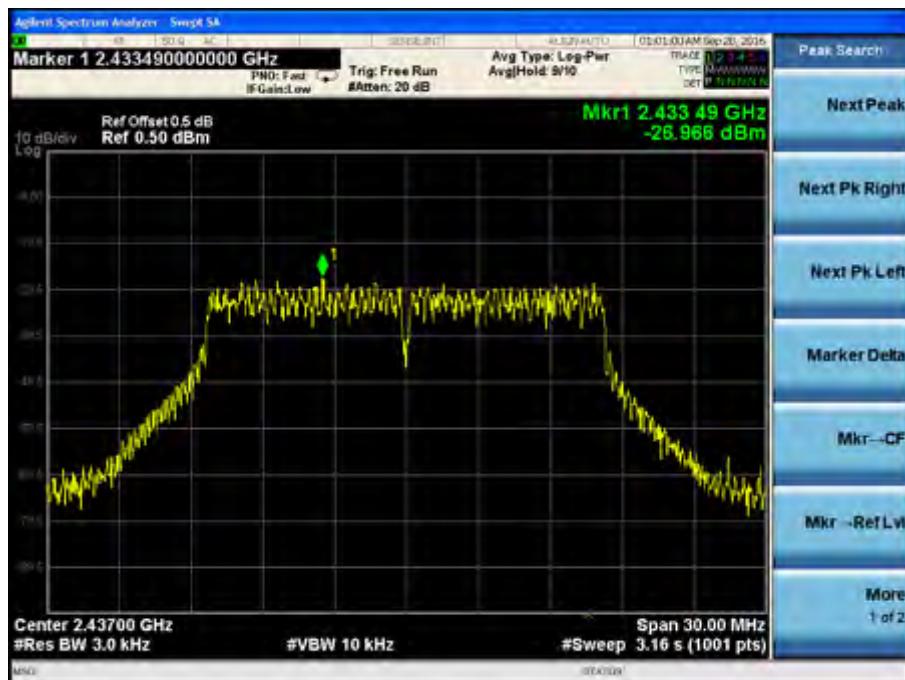
Wi-Fi 802.11 b mode, 11 Mbps



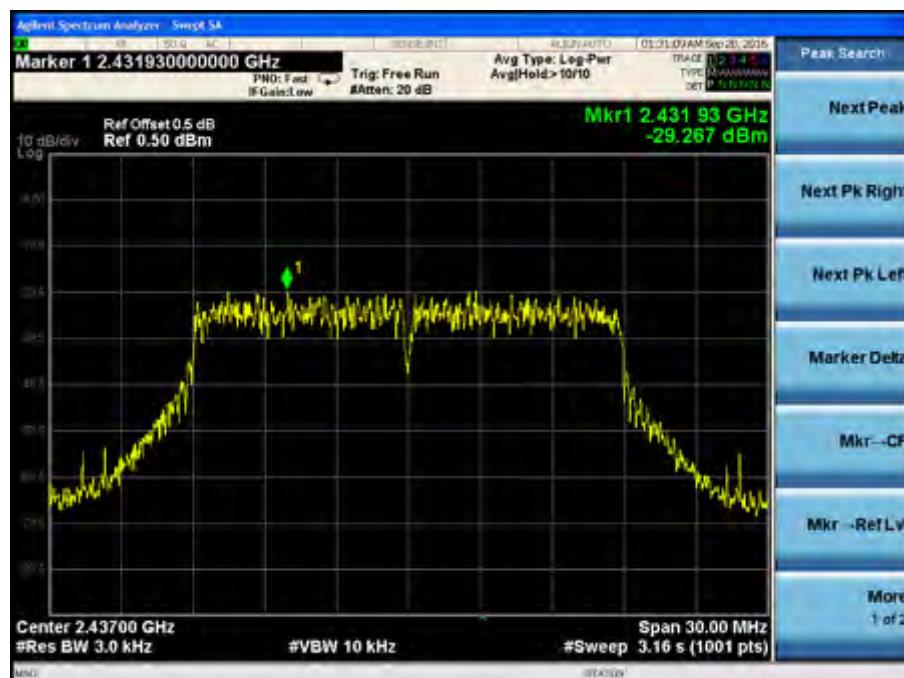
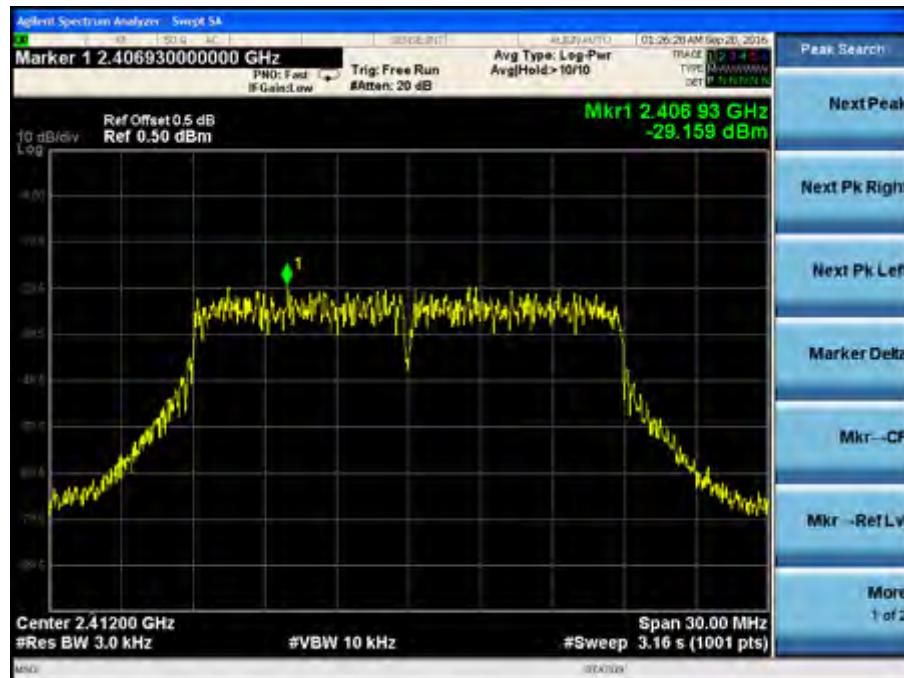


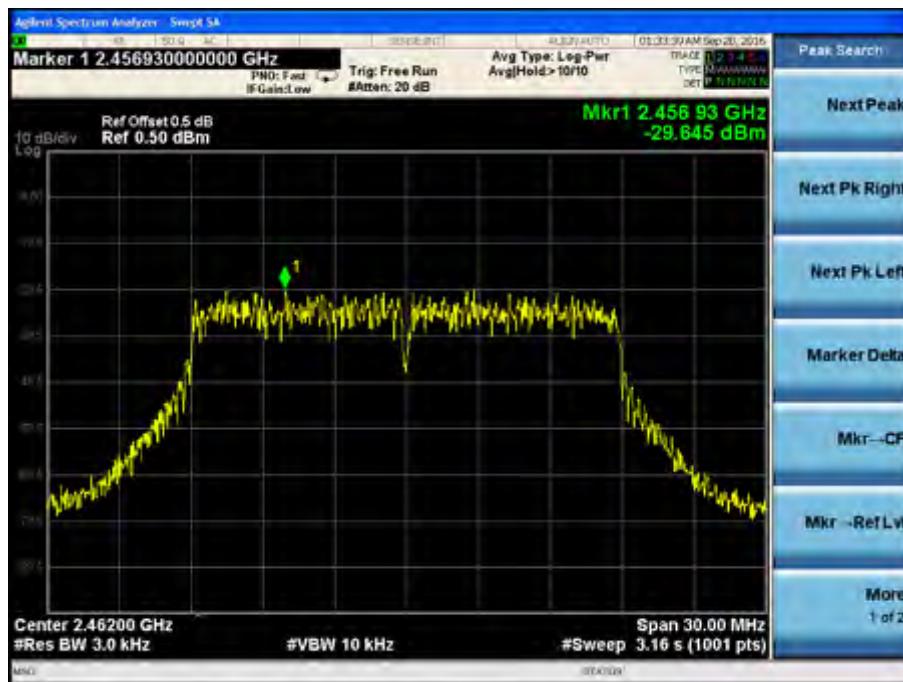
Wi-Fi 802.11 g mode, 54 Mbps



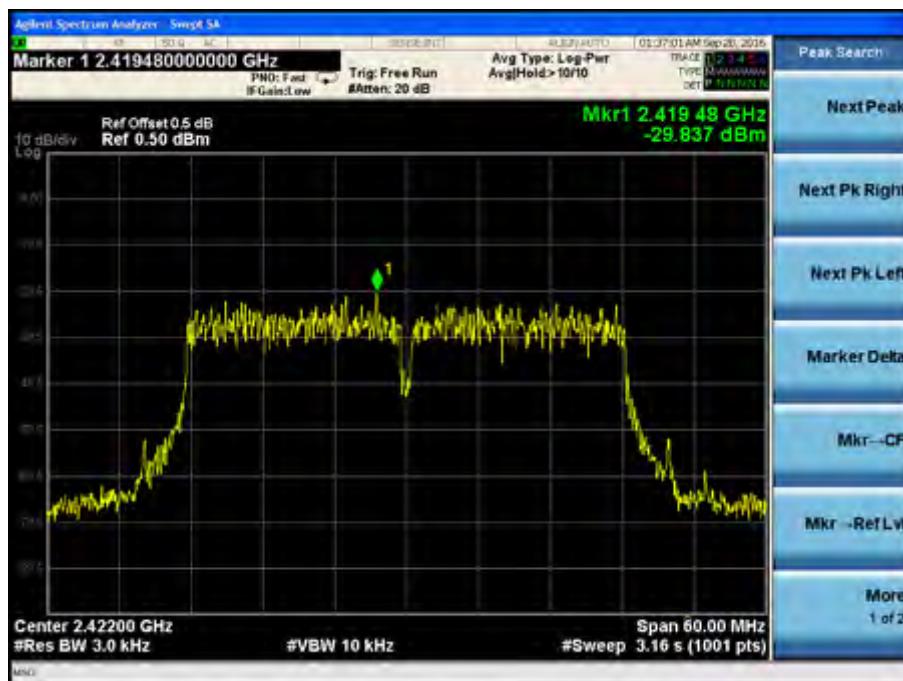


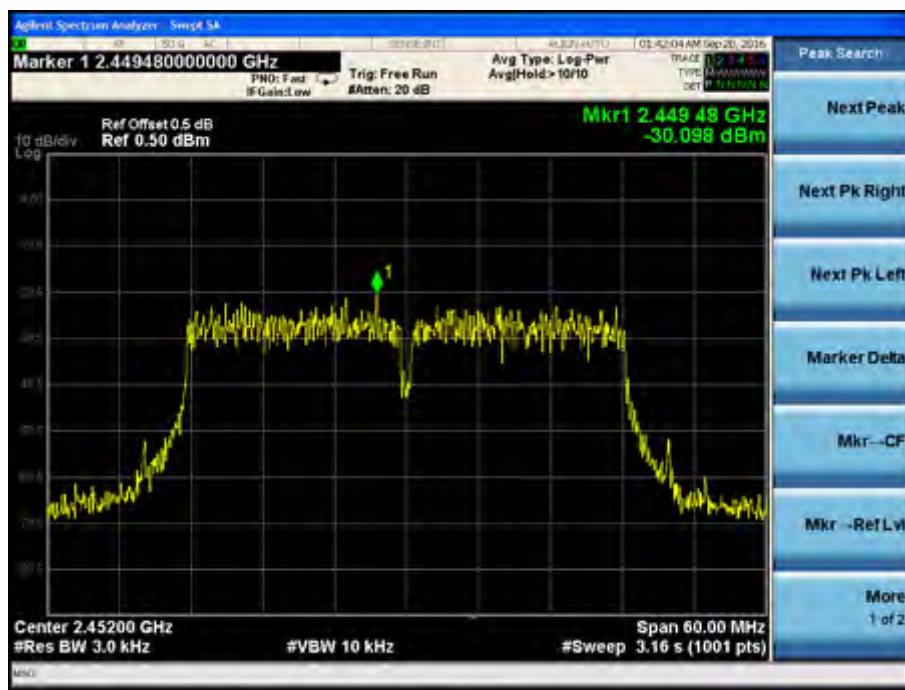
Wi-Fi 802.11 n(HT20) mode, MCS7 Mbps





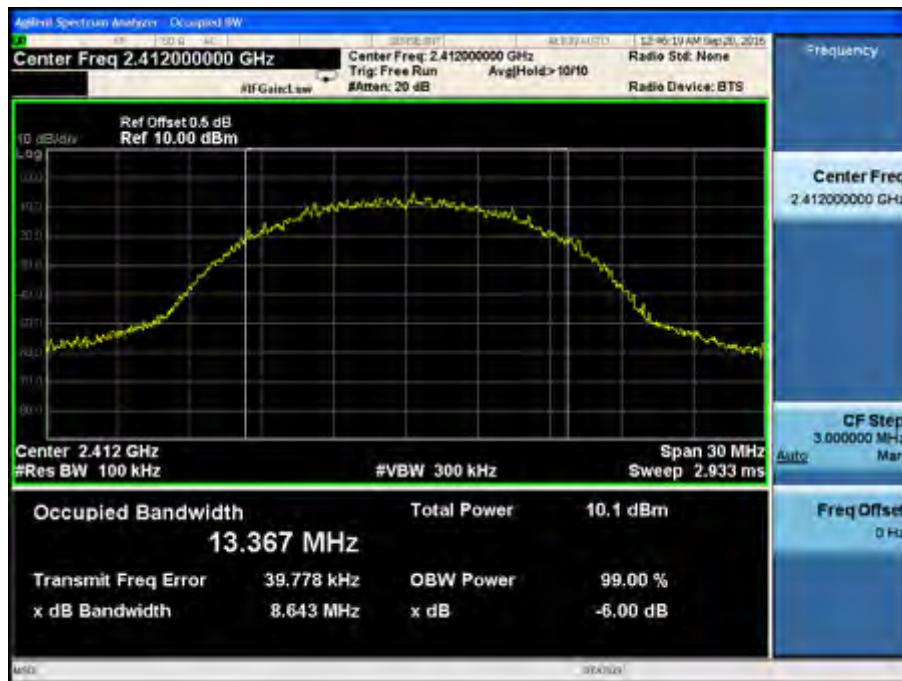
Wi-Fi 802.11 n(HT40) mode, MCS7 Mbps

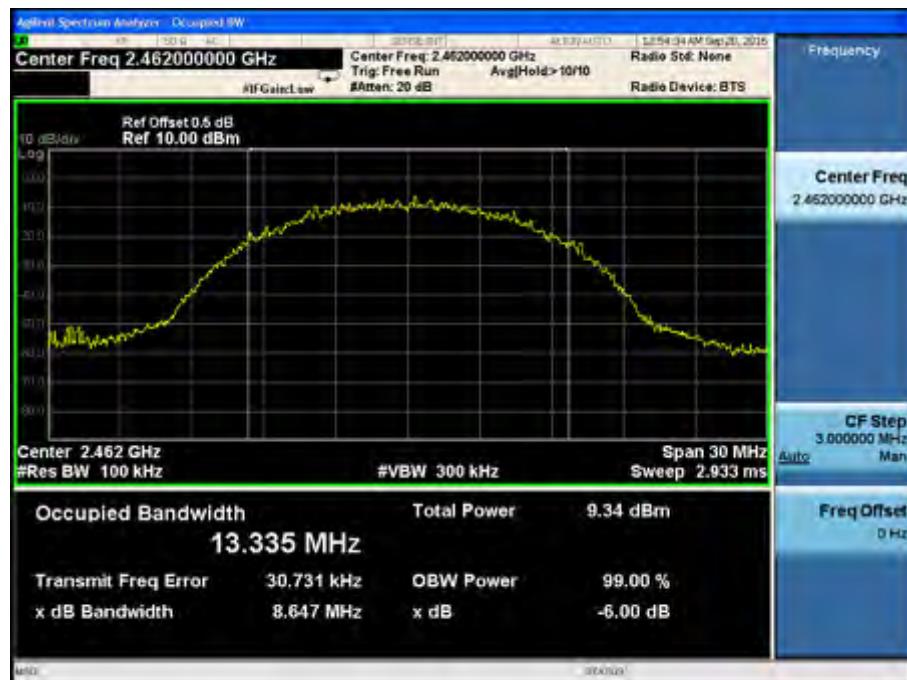




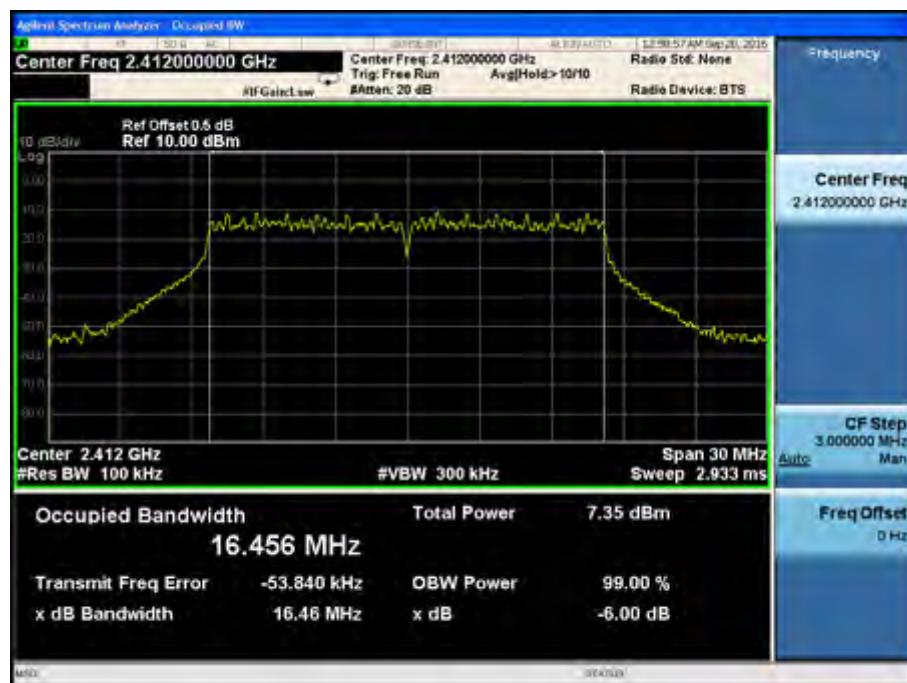
Appendix A.3: 6dB Bandwidth & 99% Bandwidth

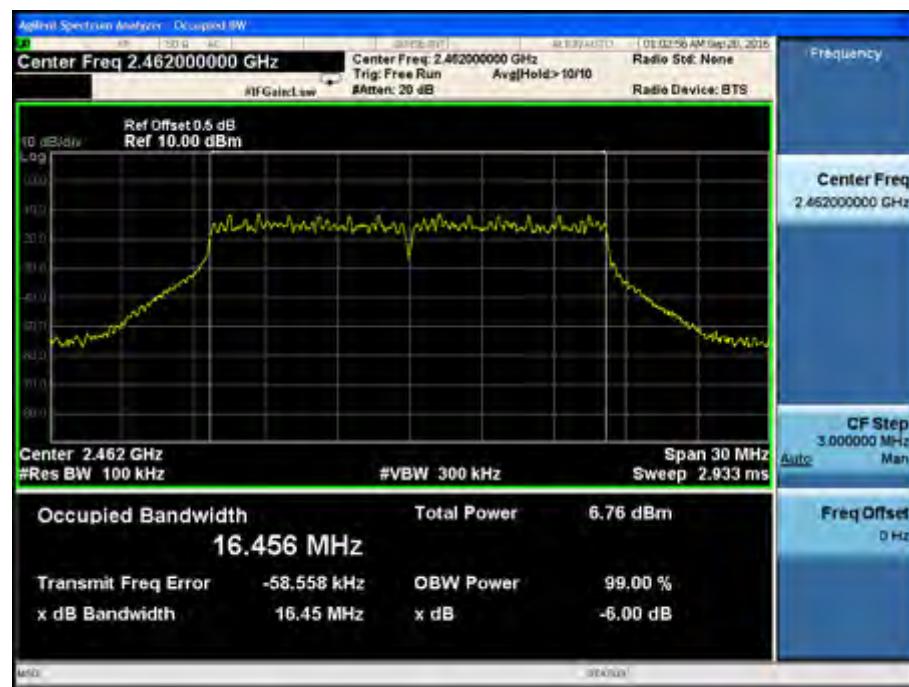
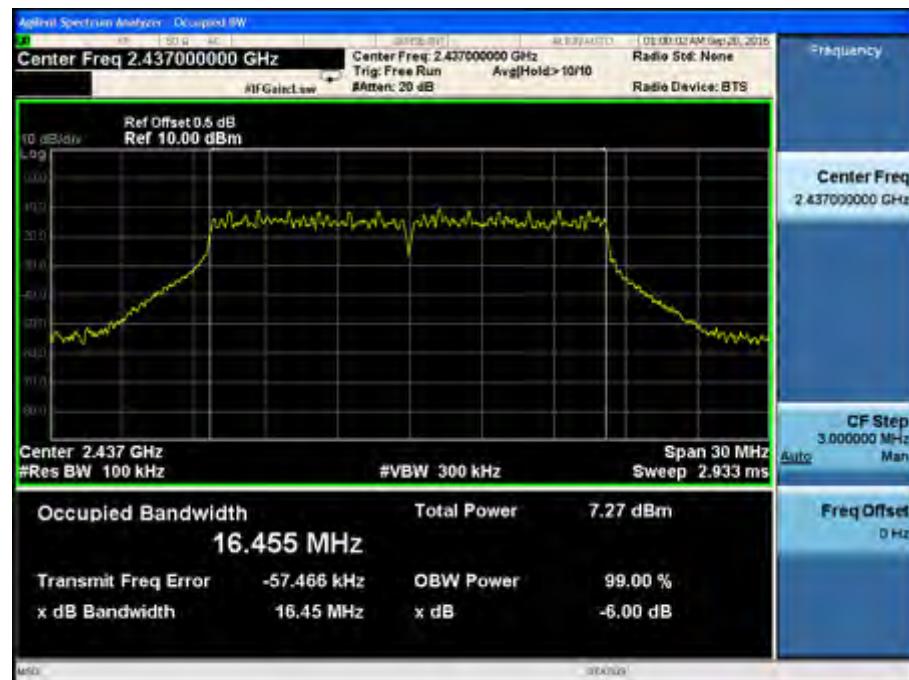
Wi-Fi 802.11 b mode, 11 Mbps



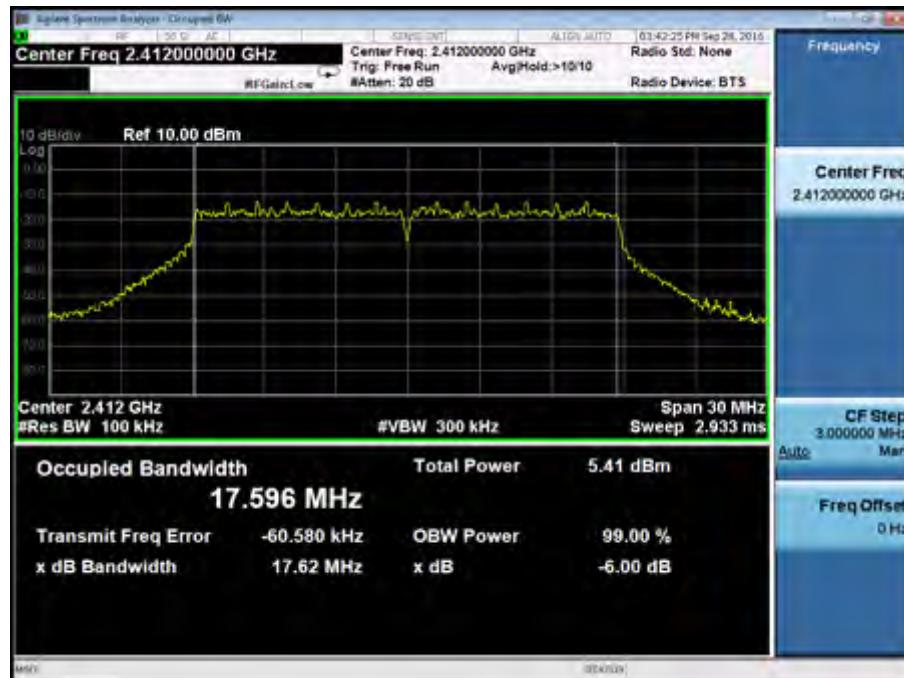


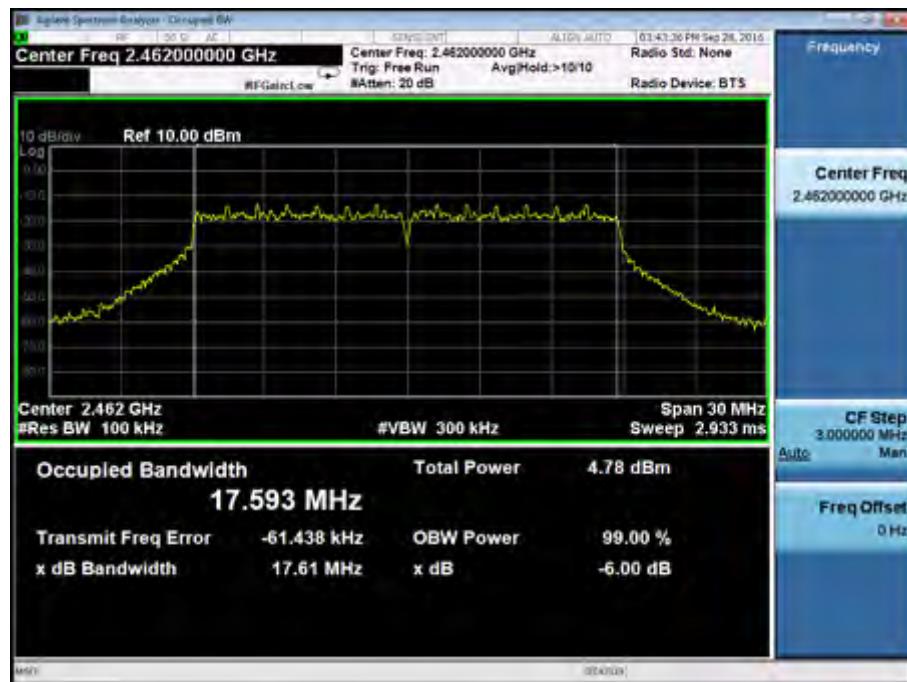
Wi-Fi 802.11 g mode, 54 Mbps





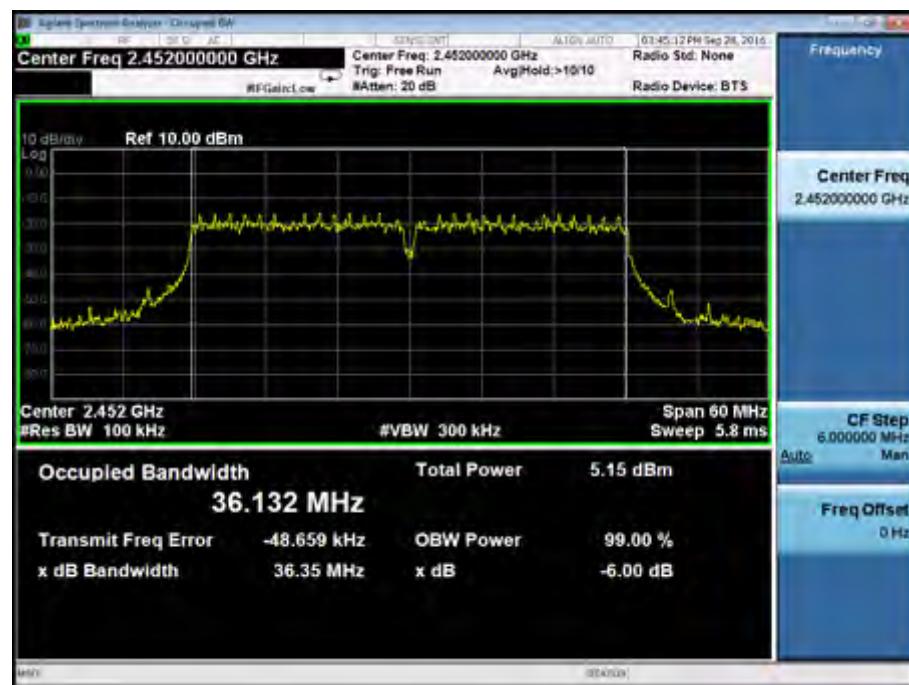
Wi-Fi 802.11 n(HT20) mode, MCS7 Mbps





Wi-Fi 802.11 n(HT40) mode, MCS7 Mbps

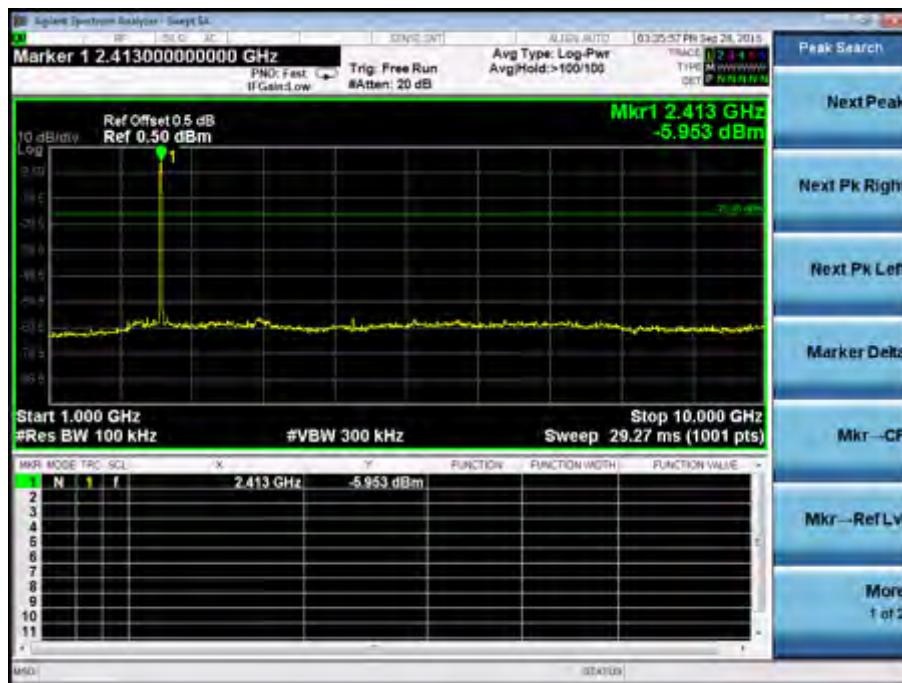
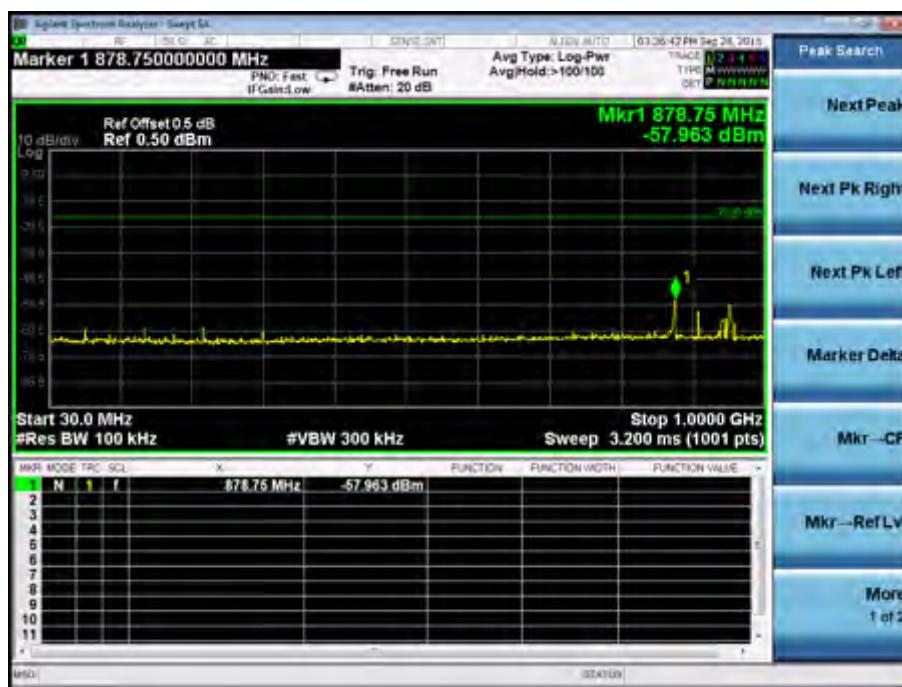


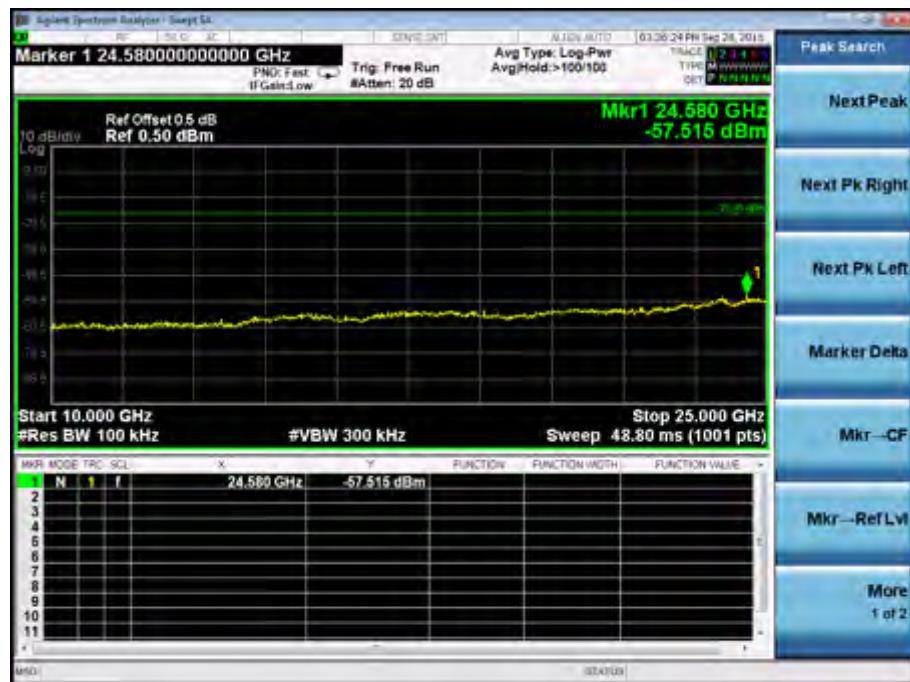


Appendix A.4: Conducted Spurious Emissions Measured in 100 kHz Bandwidth

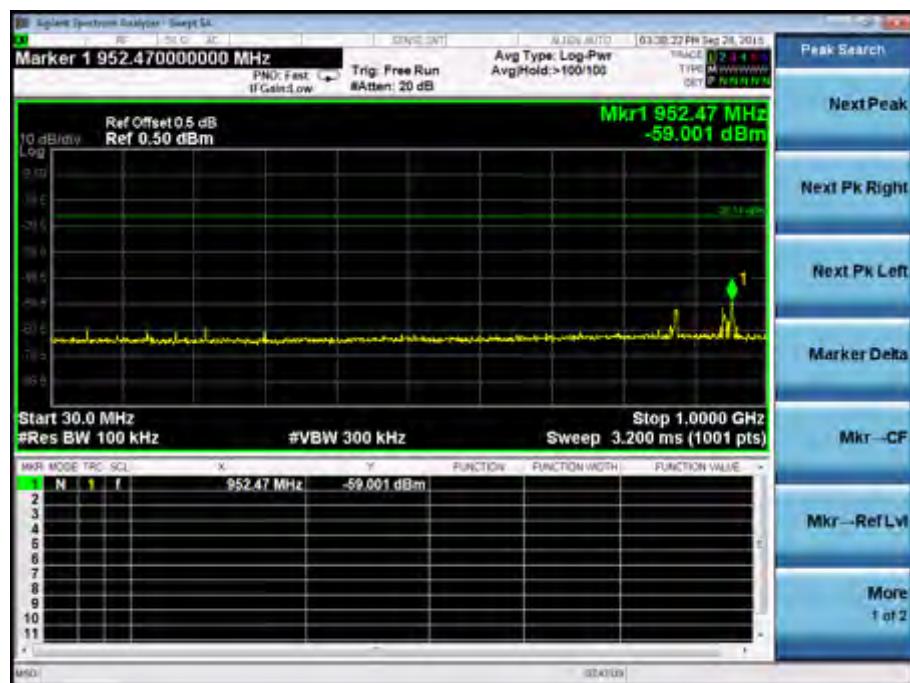
Wi-Fi 802.11 b mode, 11 Mbps

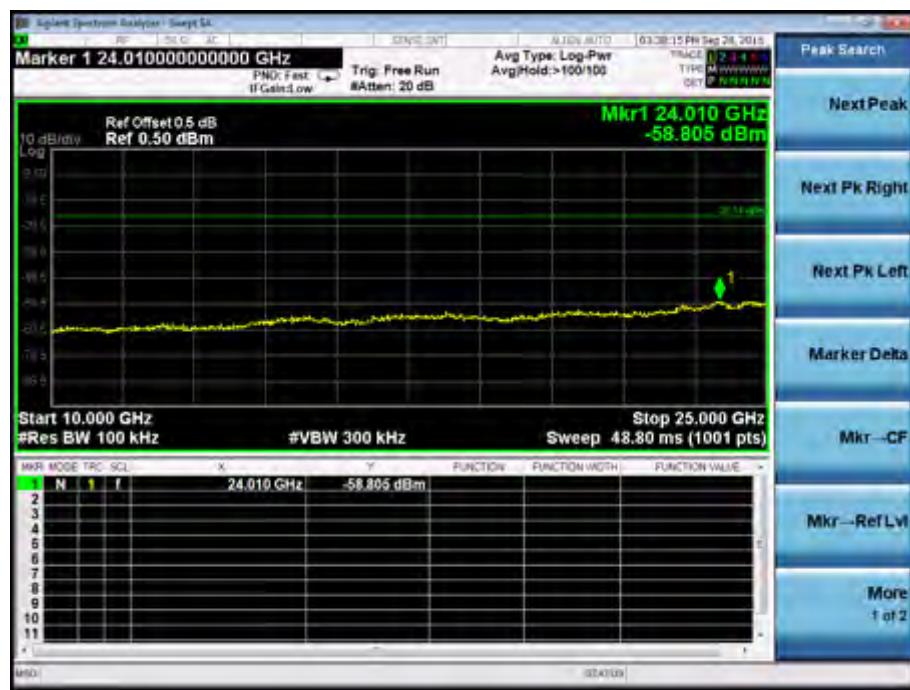
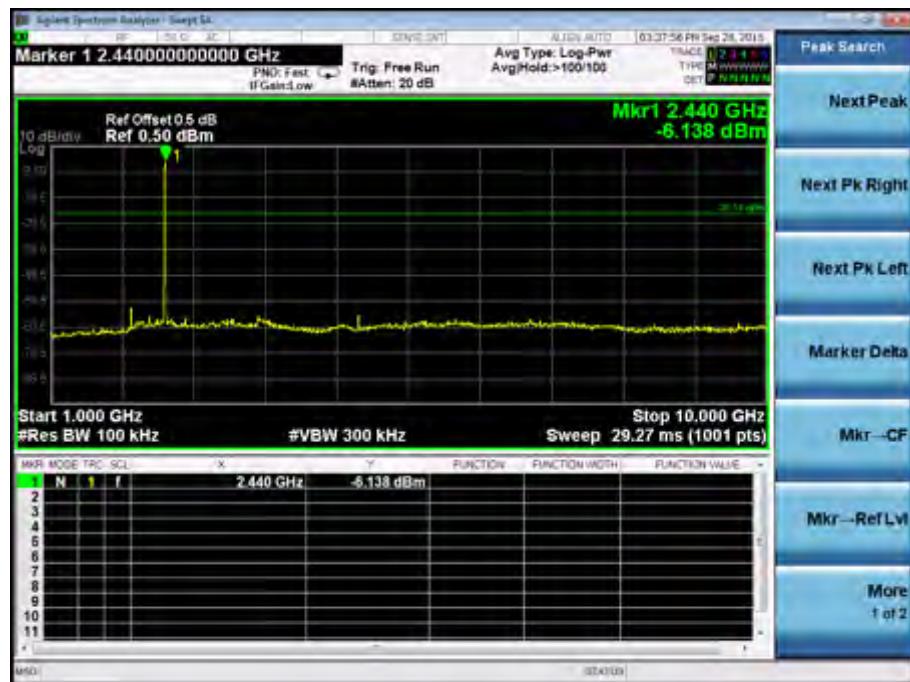
Low Channel



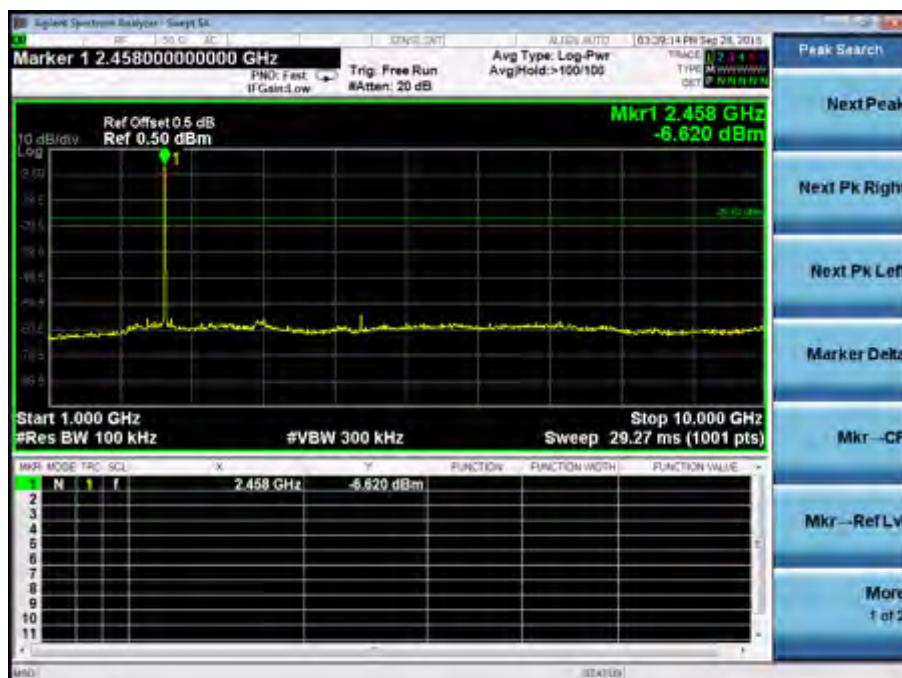
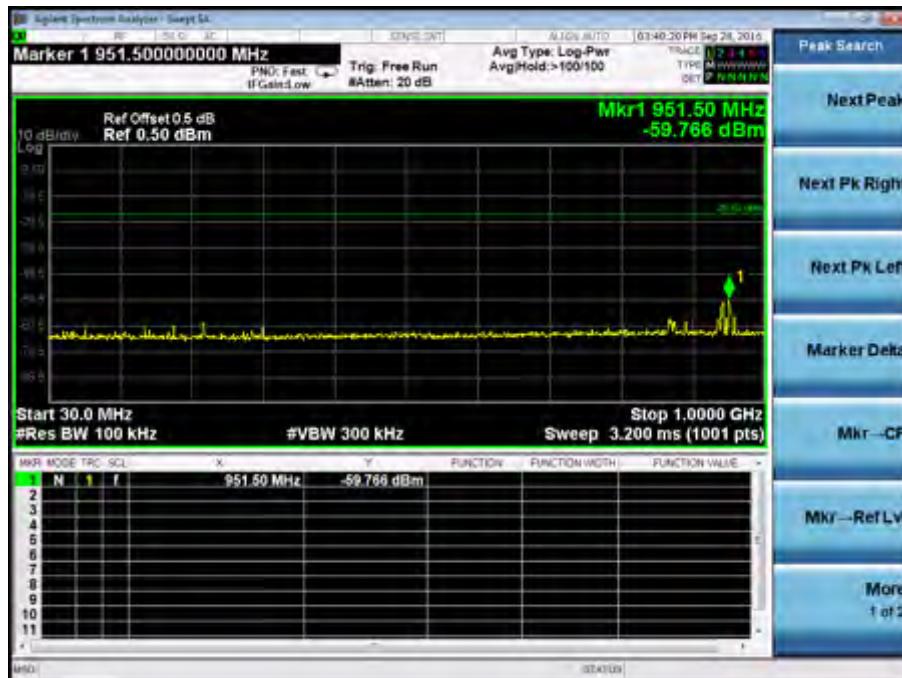


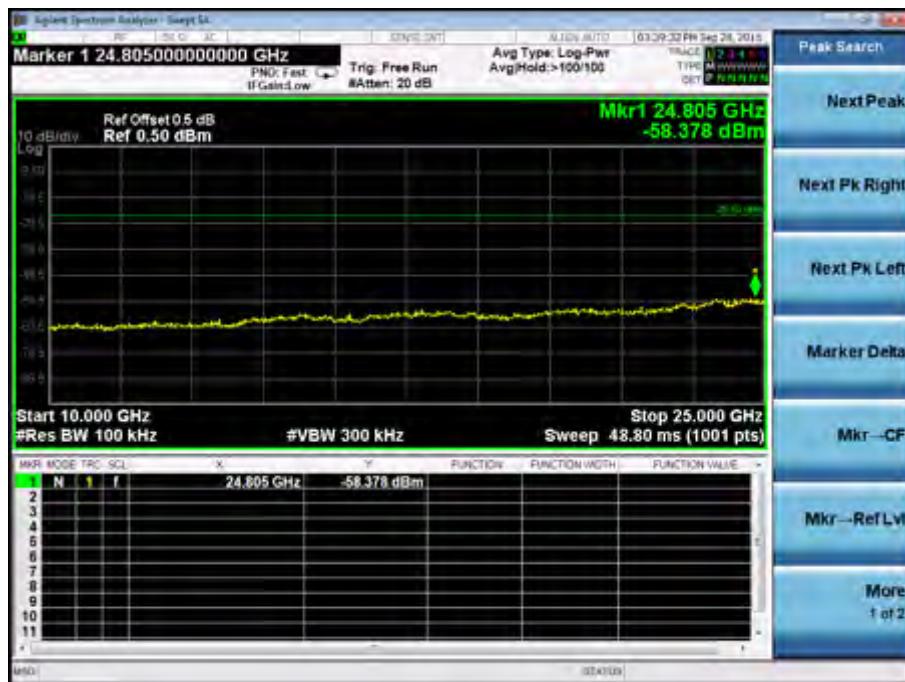
Middle Channel





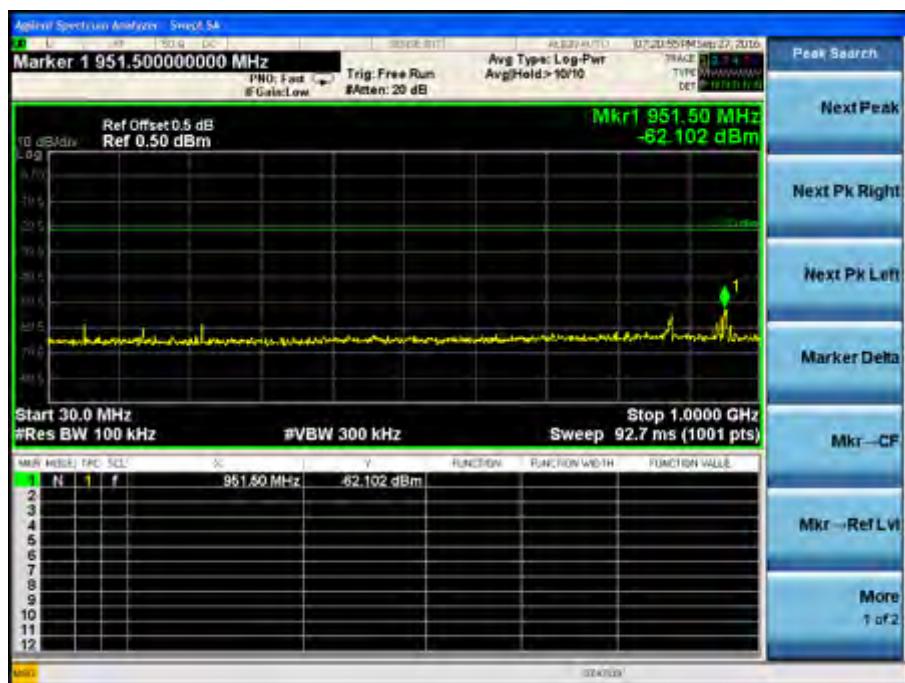
High Channel

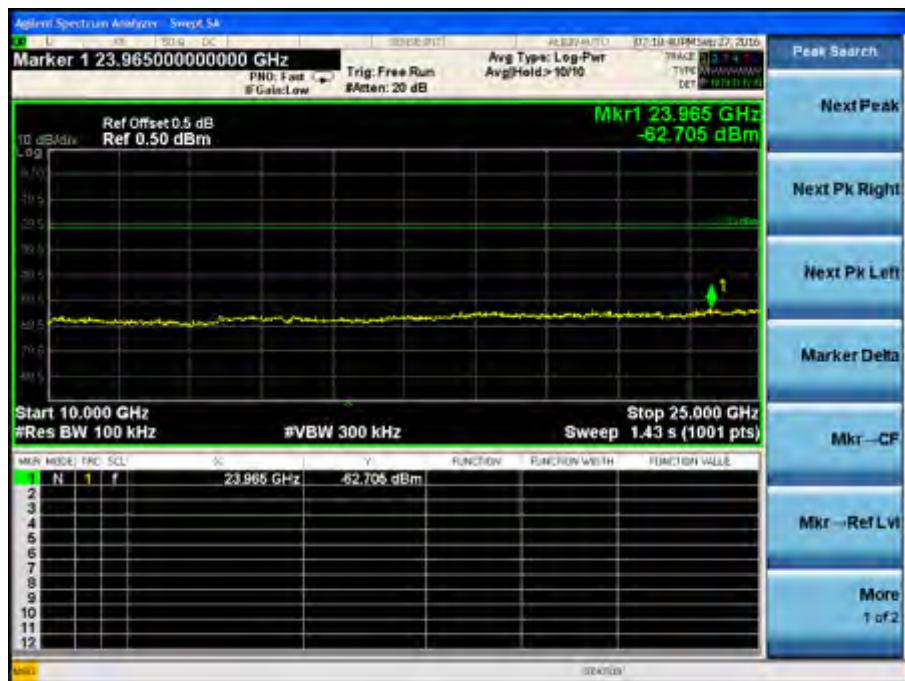
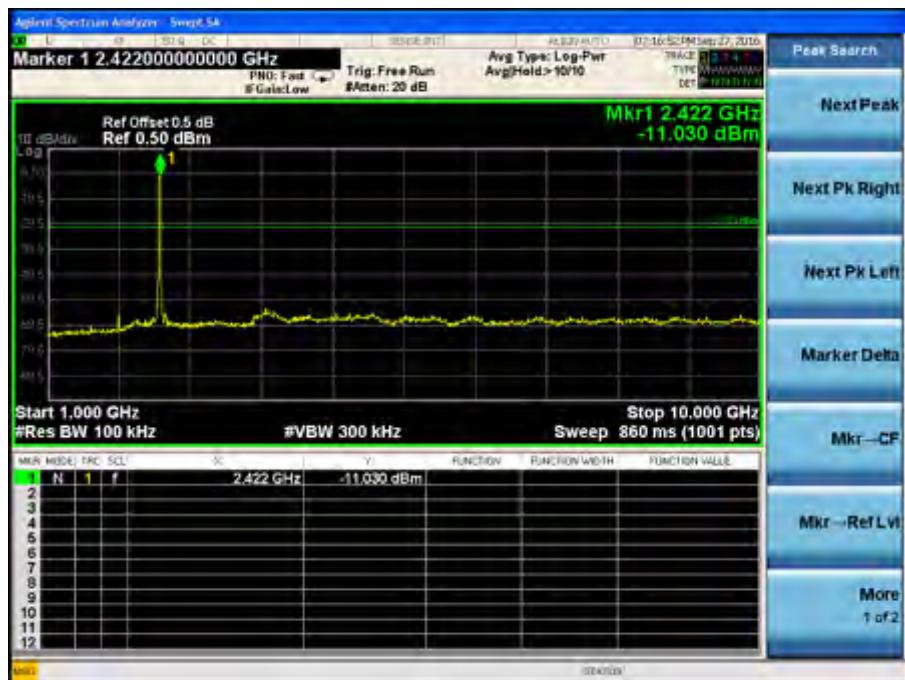




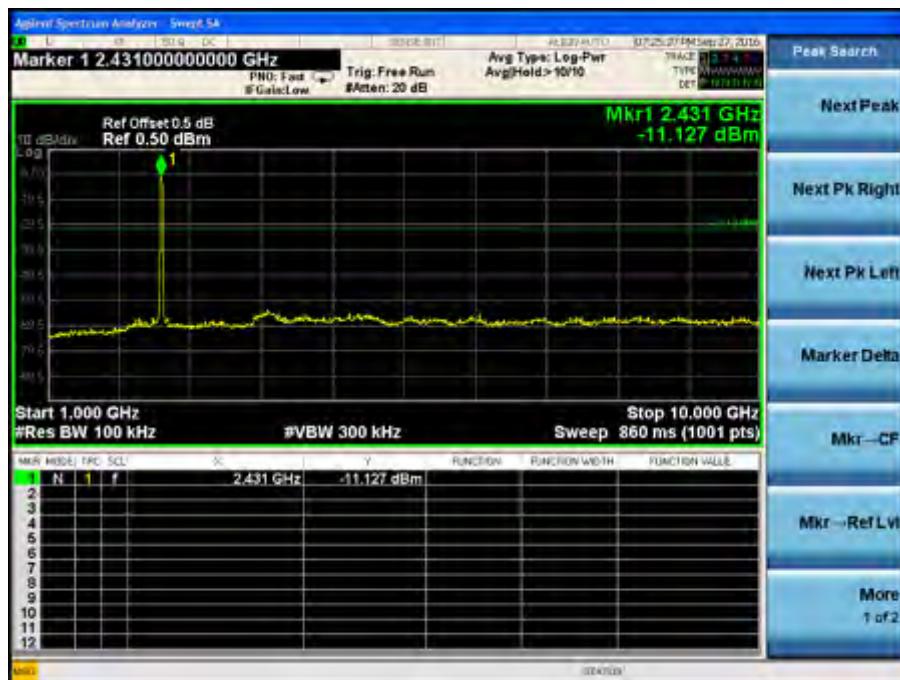
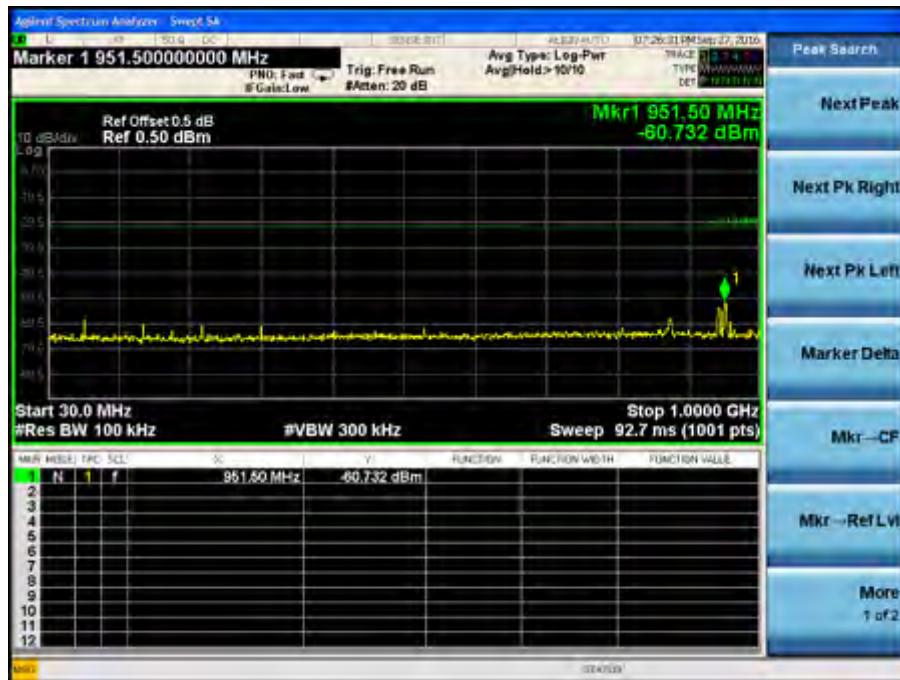
Wi-Fi 802.11 g mode, 54 Mbps

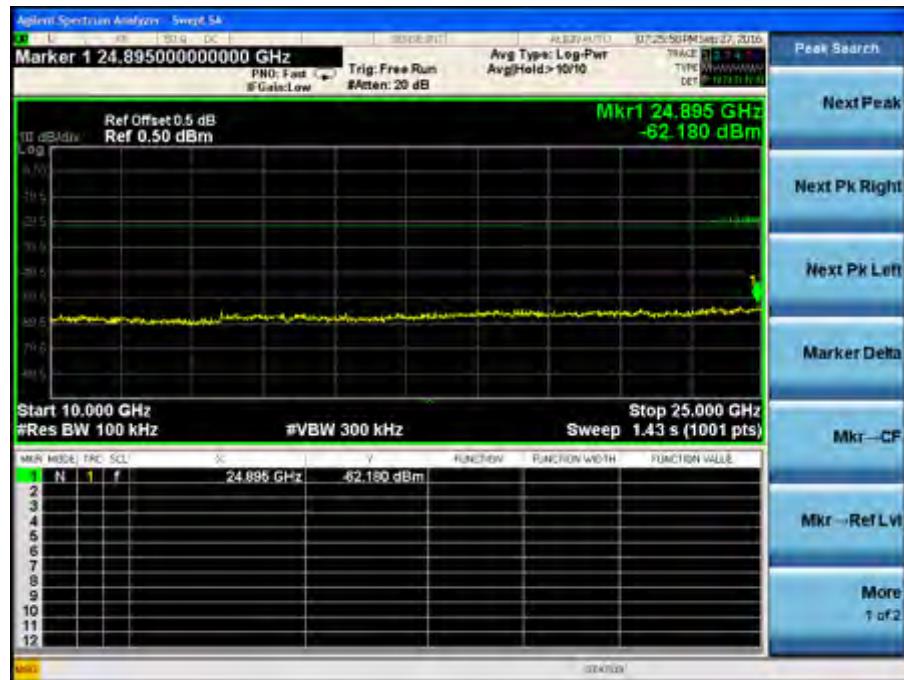
Low Channel



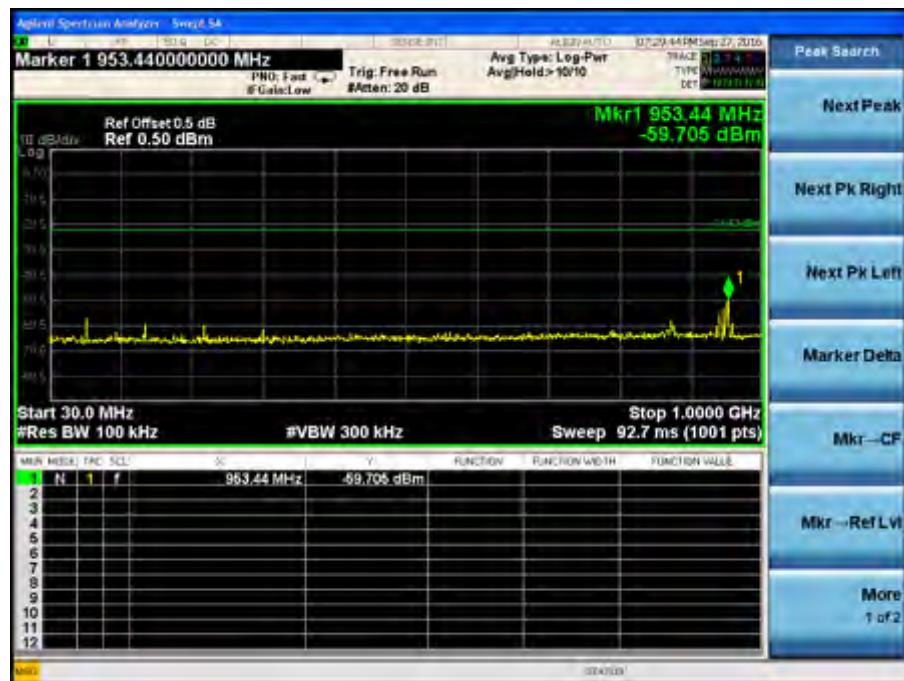


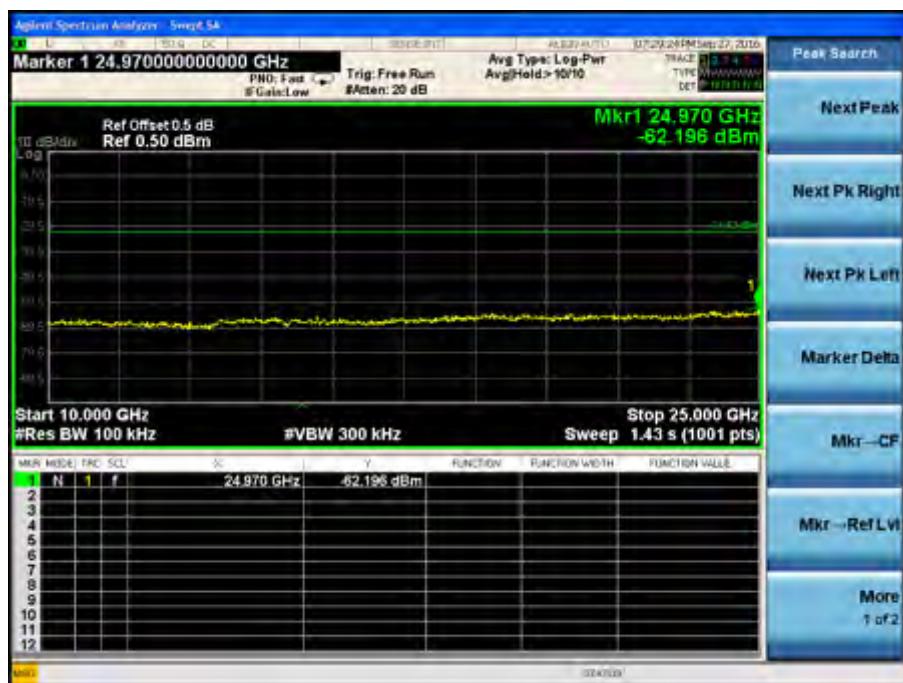
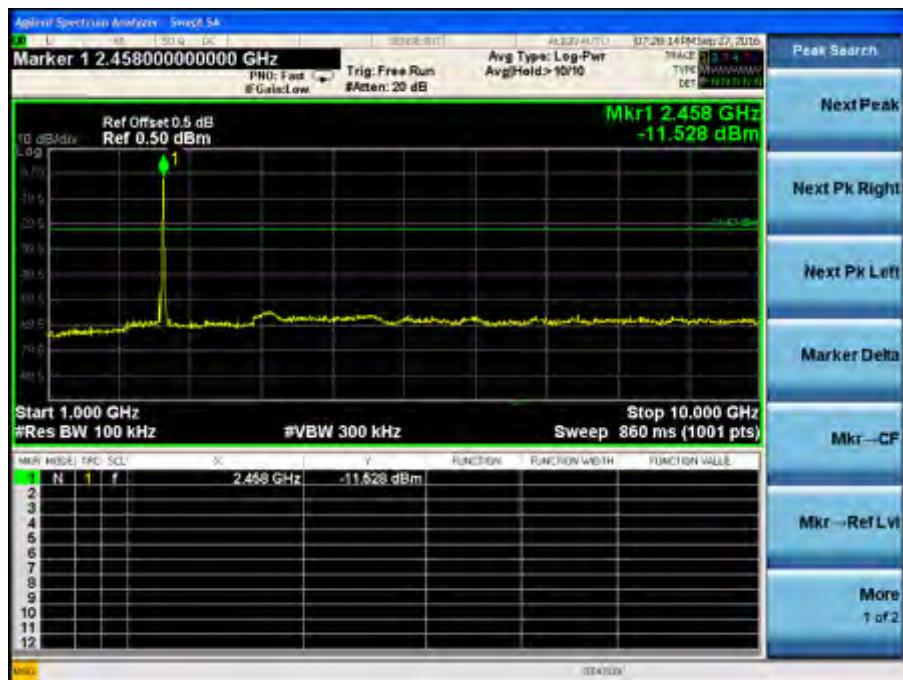
Middle Channel



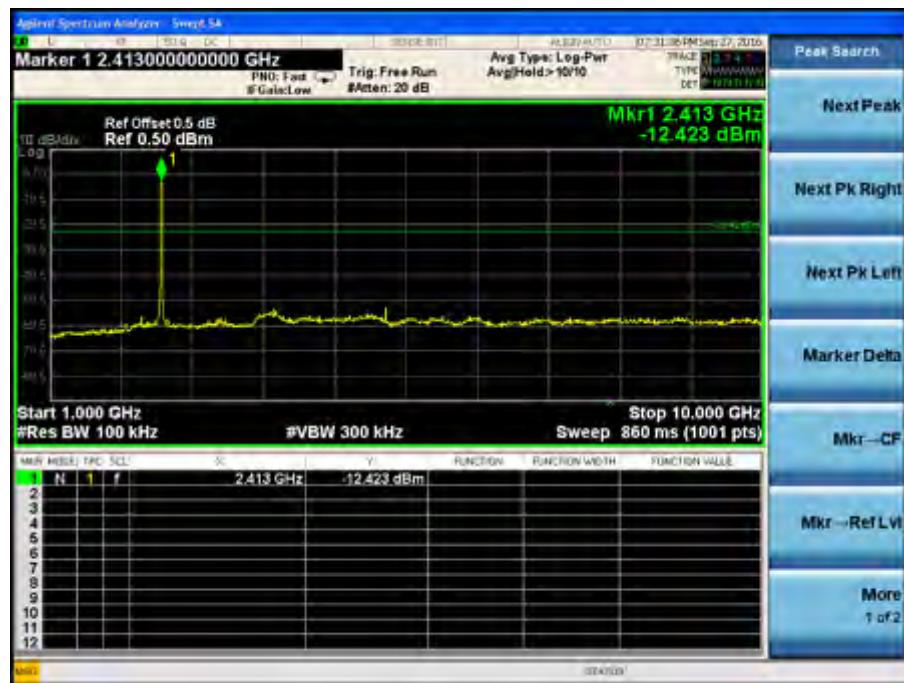
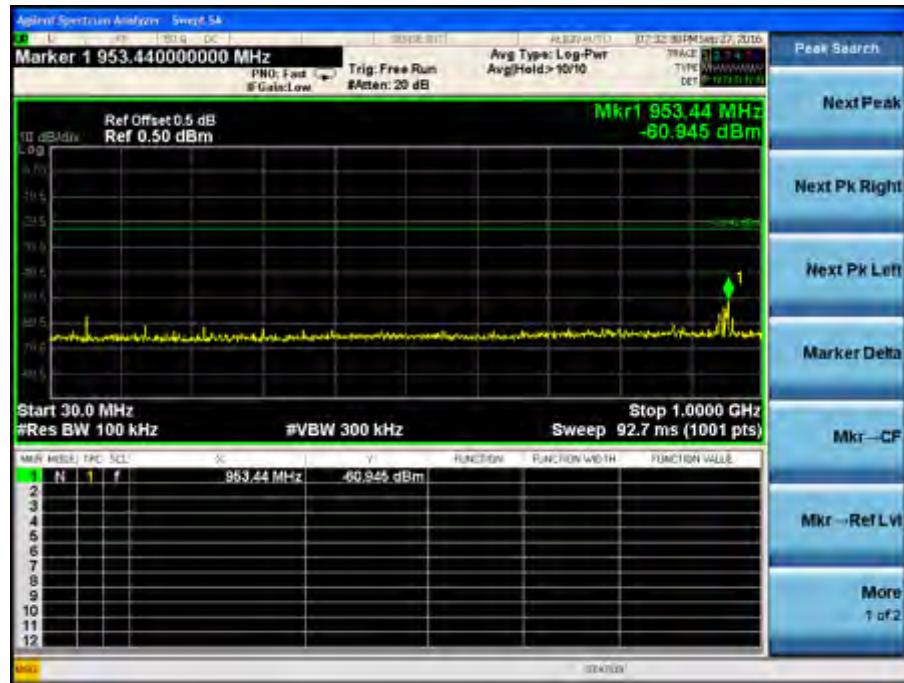


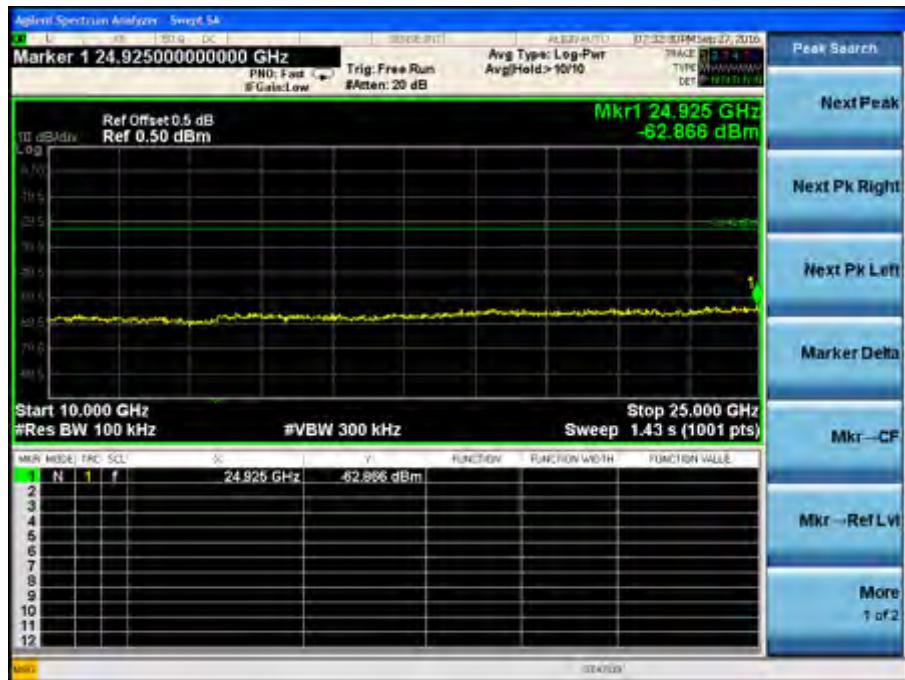
High Channel



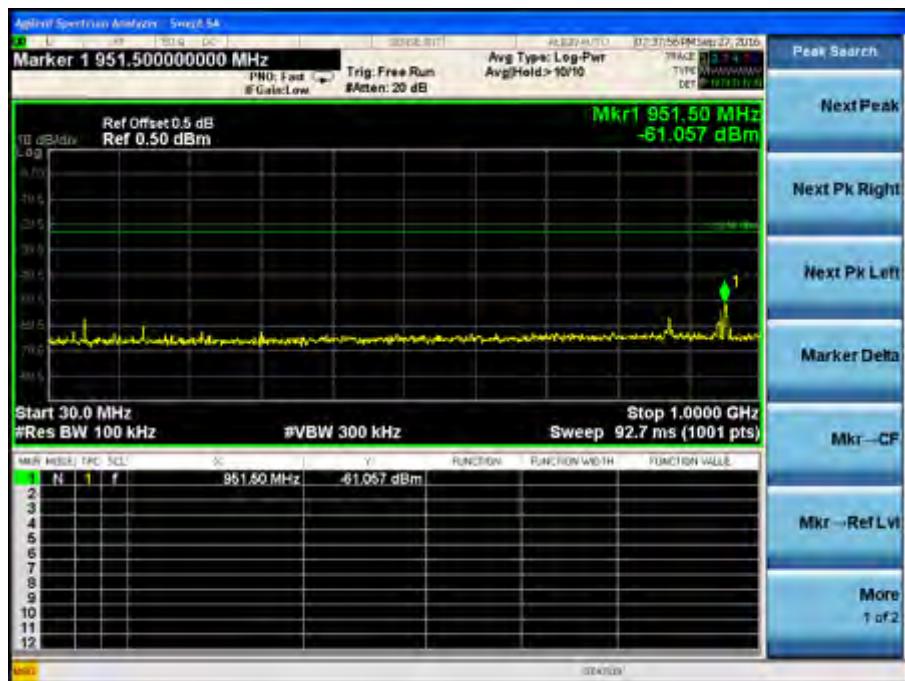


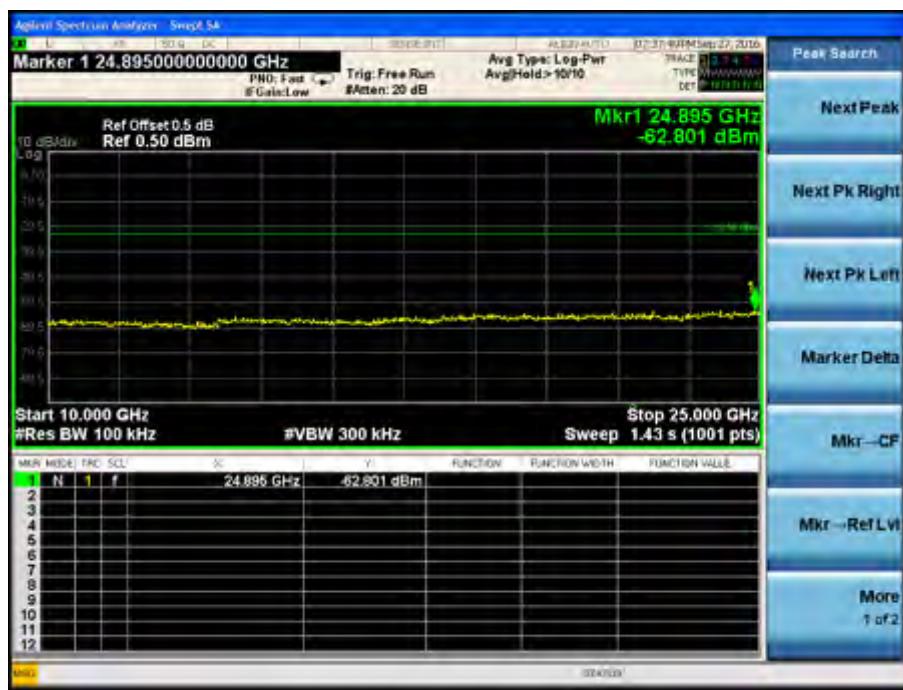
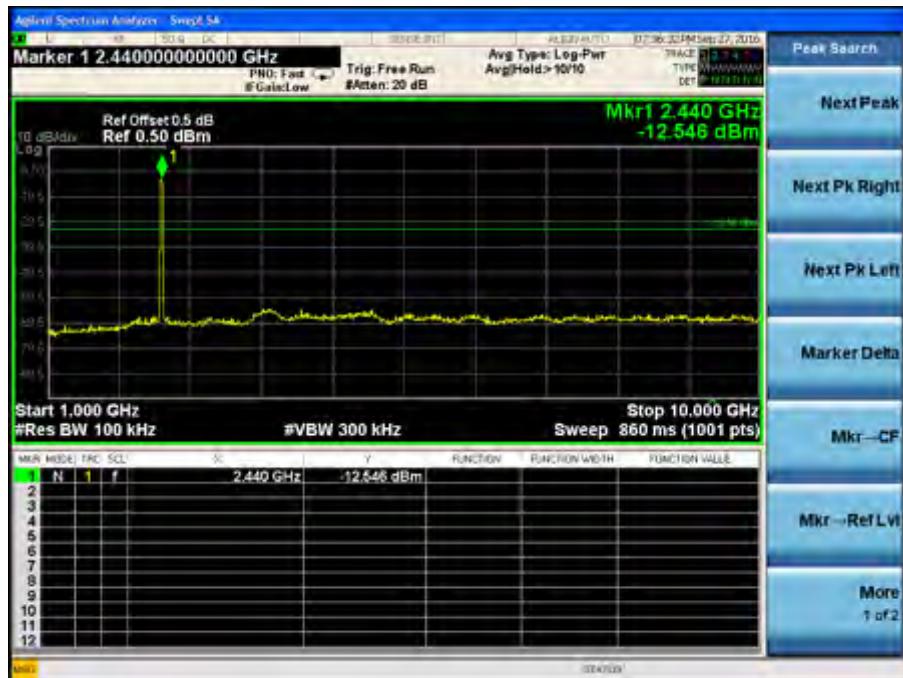
Wi-Fi 802.11 n(HT20) mode, MCS7 Mbps
Low Channel



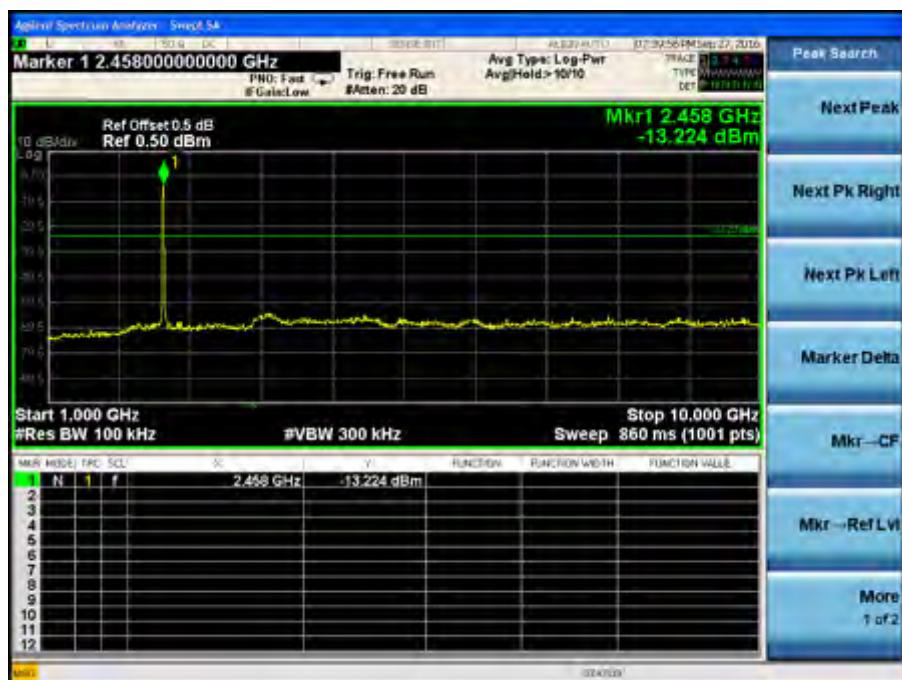
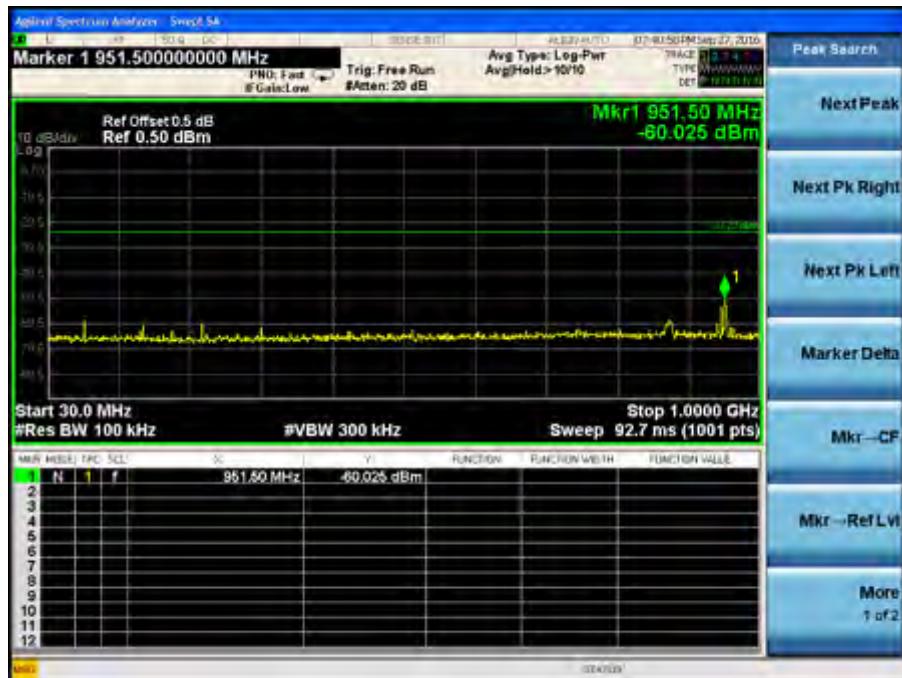


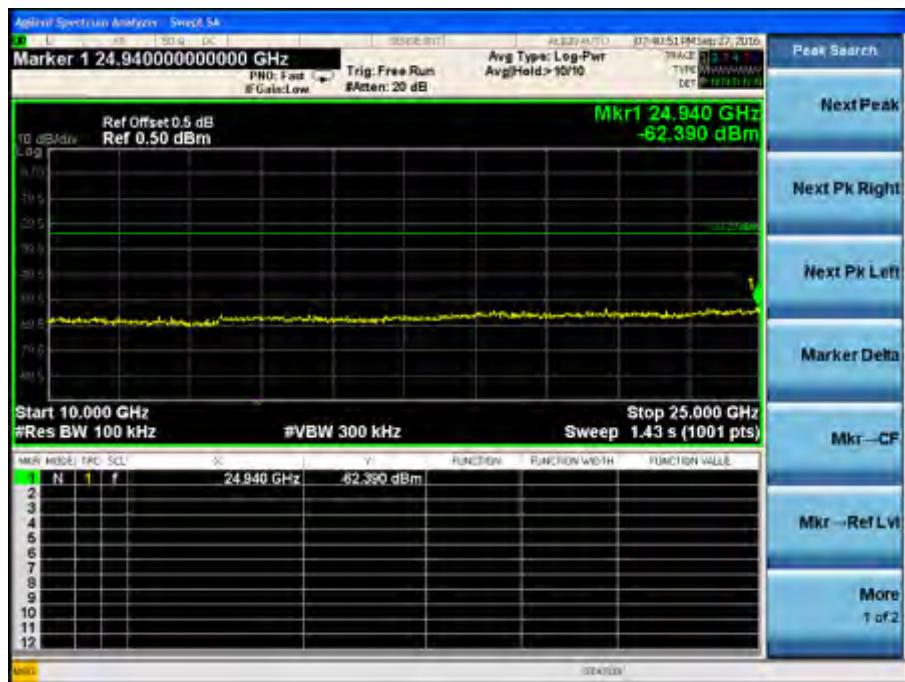
Middle Channel



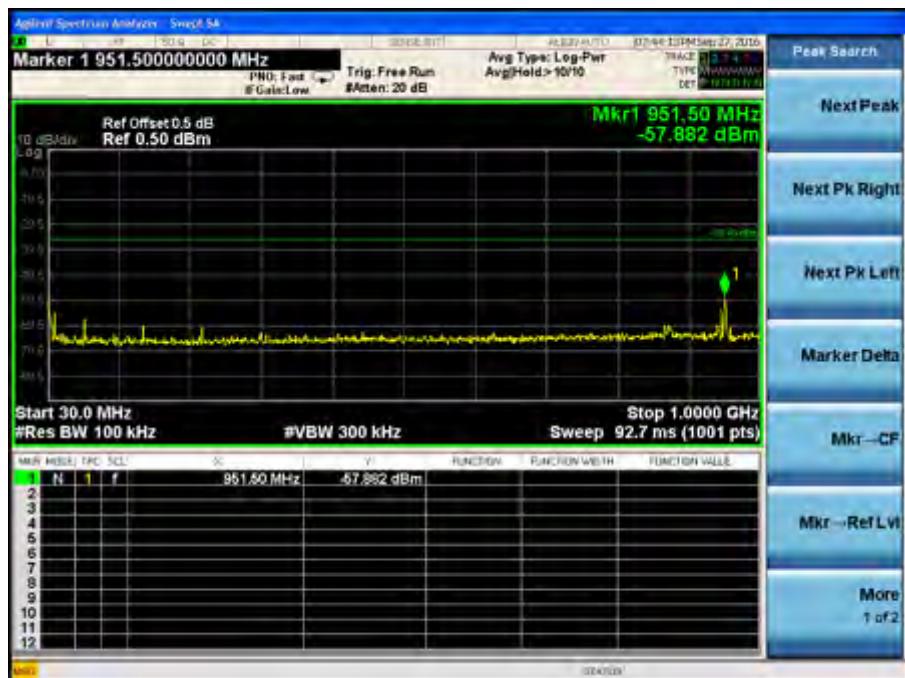


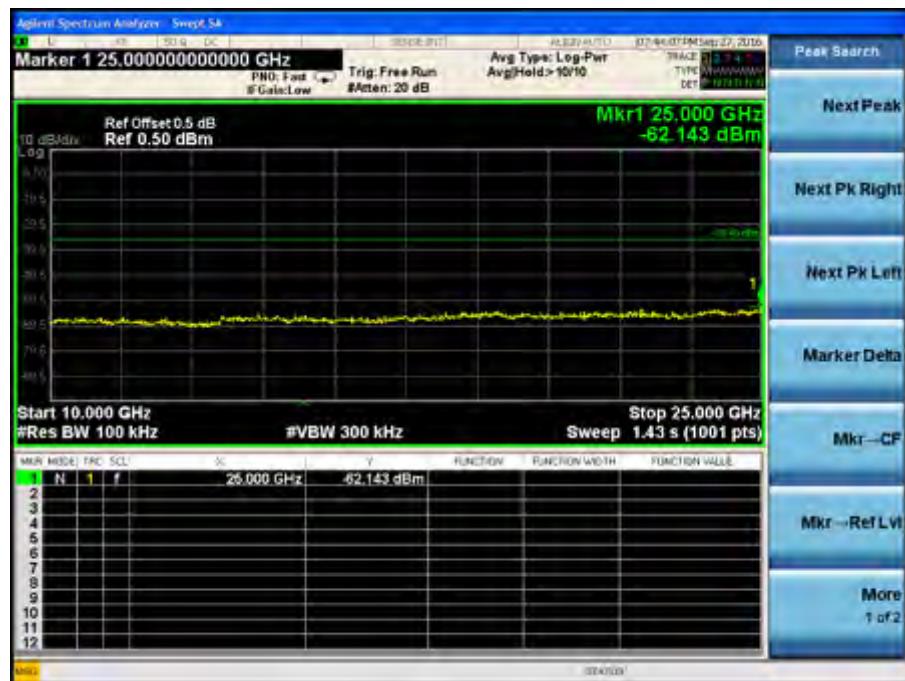
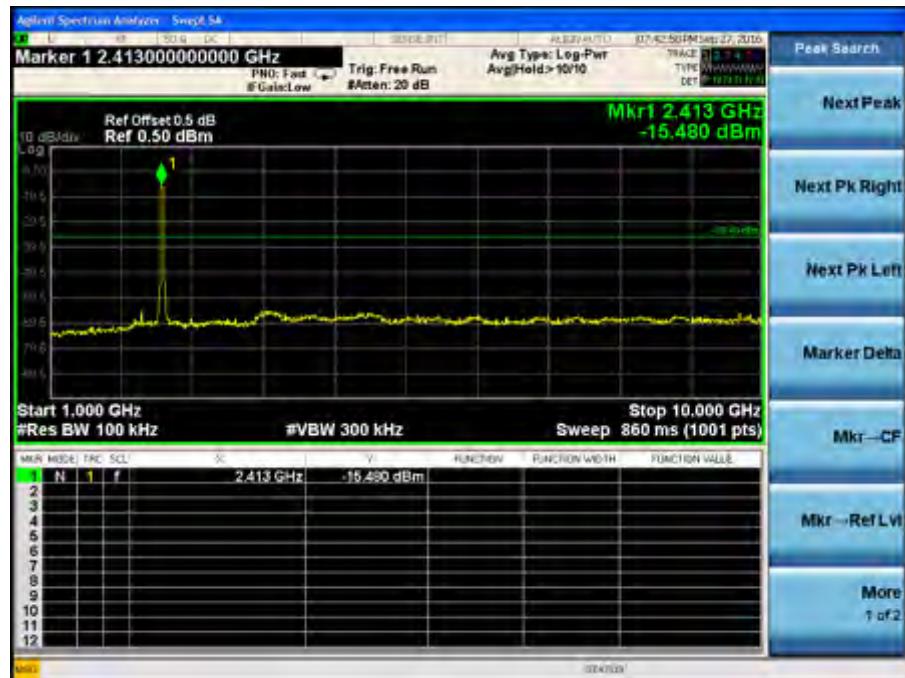
High Channel



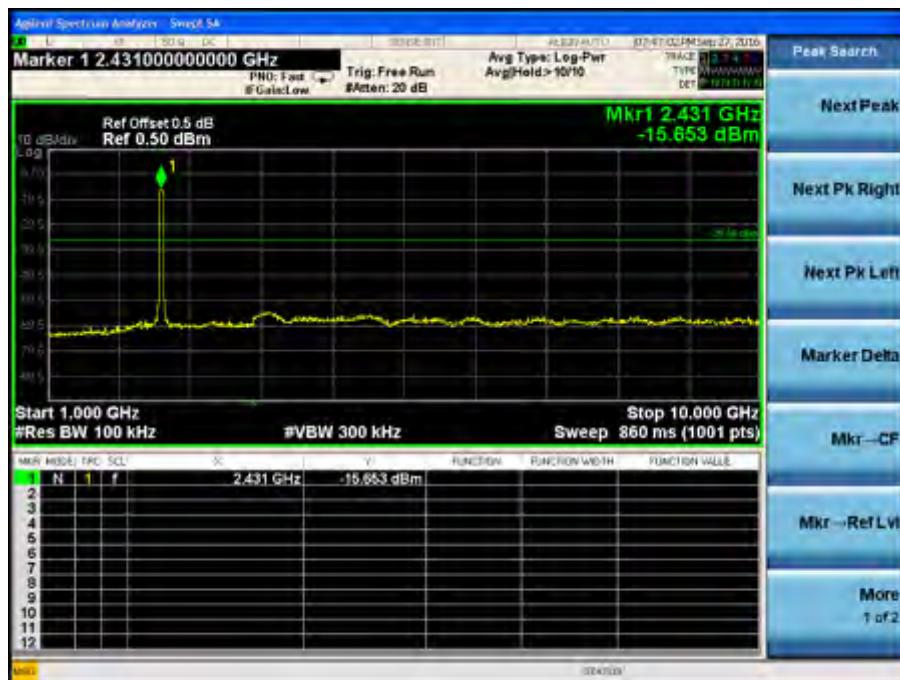
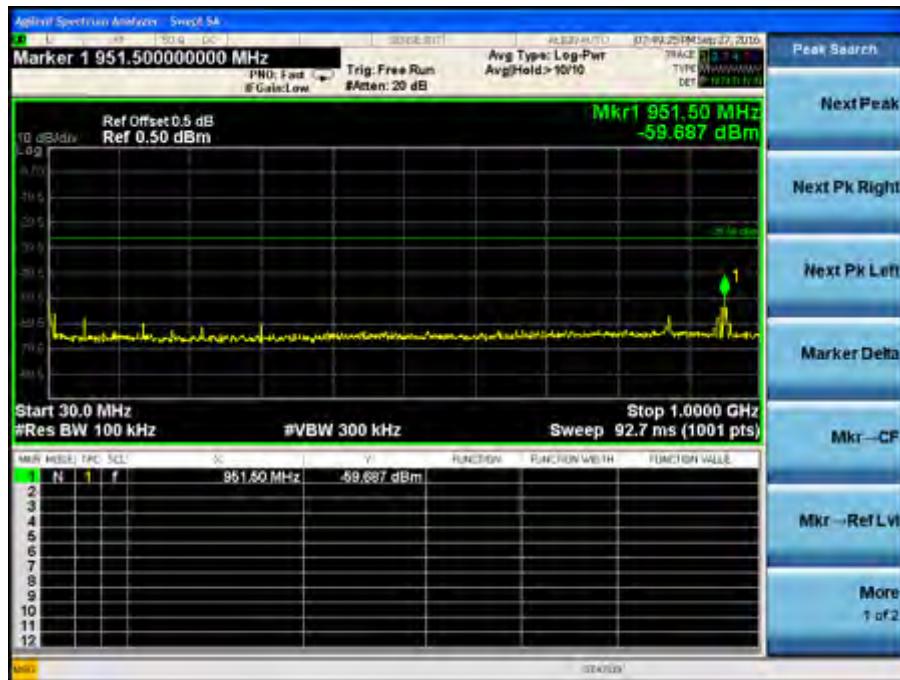


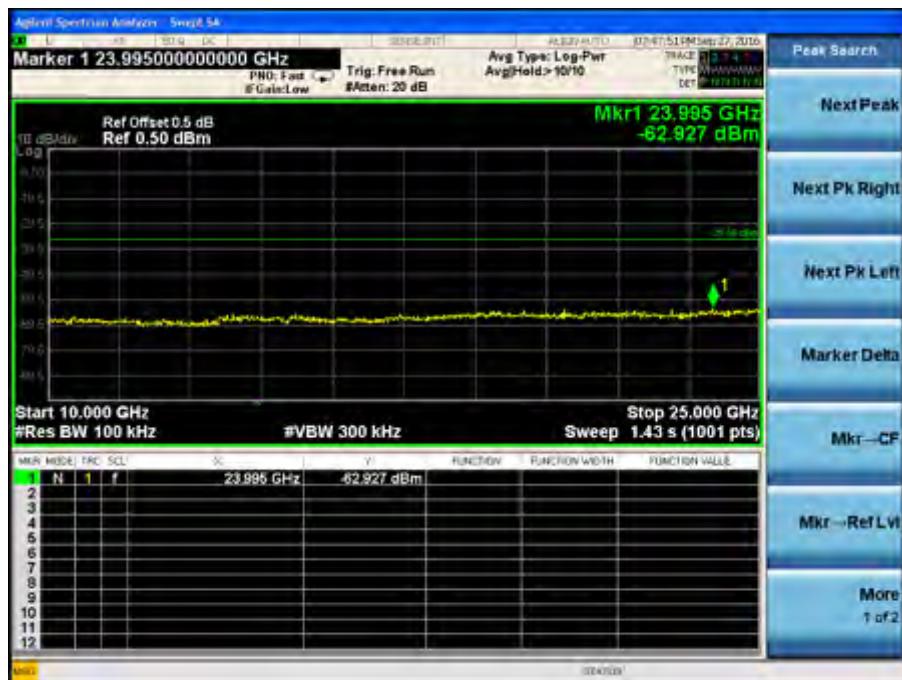
Wi-Fi 802.11 n(HT40) mode, MCS7 Mbps
Low Channel



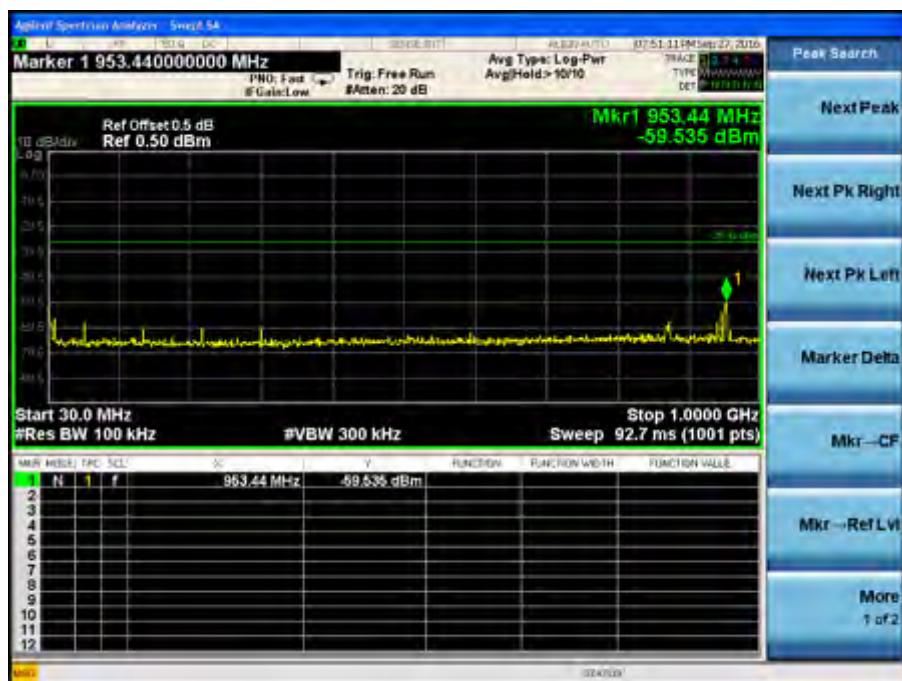


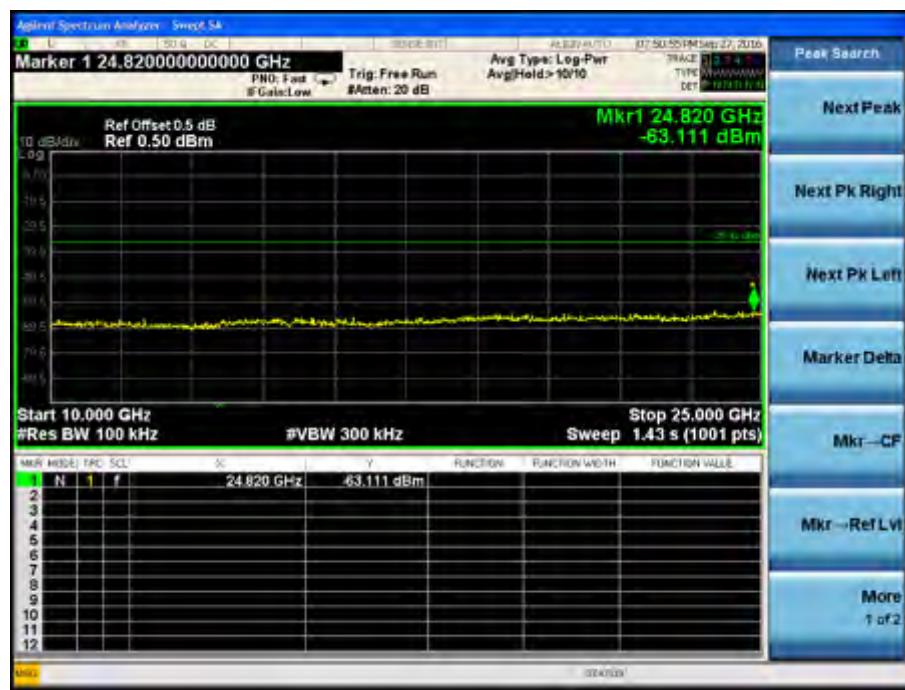
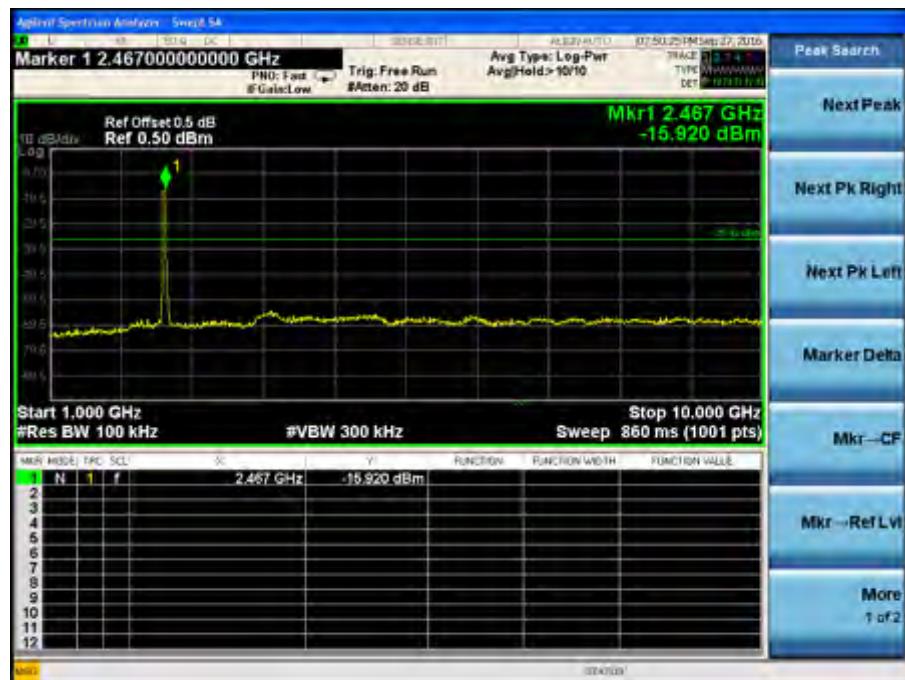
Middle Channel





High Channel





Wi-Fi 802.11 b mode, Band Edge



Wi-Fi 802.11 g mode, Band Edge



Wi-Fi 802.11 n(HT20) mode, Band Edge



Wi-Fi 802.11 n(HT40) mode, Band Edge



Appendix B

Test Results of Wi-Fi 802.11b/g/n of Radiated Testing

APPENDIX B	1
APPENDIX B.1: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS	2
<i>Wi-Fi 802.11 b mode, 11 Mbps.....</i>	<i>2</i>
<i>Wi-Fi 802.11 g mode, 54 Mbps.....</i>	<i>15</i>
<i>Wi-Fi 802.11 n(HT20) mode, MCS7 Mbps</i>	<i>27</i>
<i>Wi-Fi 802.11 n(HT40) mode, MCS7 Mbps</i>	<i>39</i>
APPENDIX B.2: TEST RESULTS OF RADIATED EMISSIONS IN RESTRICTED BANDS	51
<i>Wi-Fi 802.11 b mode, 11 Mbps.....</i>	<i>51</i>
<i>Wi-Fi 802.11 g mode, 54 Mbps.....</i>	<i>55</i>
<i>Wi-Fi 802.11 n(HT20) mode, MCS7 Mbps</i>	<i>59</i>
<i>Wi-Fi 802.11 n(HT40) mode, MCS7 Mbps</i>	<i>63</i>

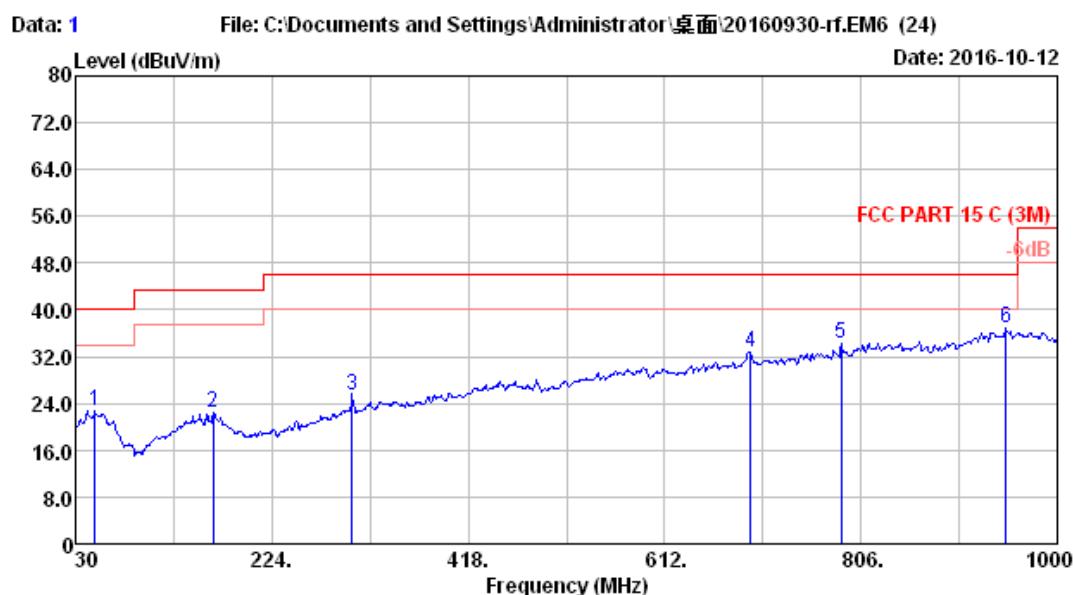
Appendix B.1: Test Results of Radiated Spurious Emissions

Wi-Fi 802.11 b mode, 11 Mbps

30MHz - 1GHz



No.6 Kefeng Road, Science & Technology Park
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Fax:+86-755-26632877
Postcode:518057



Site no. : 10m Chamber Data no. : 1
Dis. / Ant. : 3m ANT 2016 9168 710 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 23.6°C/58% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11b 2412MHz Tx Mode
M/N:MBP81SN

No.	Ant.	Cable	Emission					
No.	Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	49.400	20.52	0.80	1.39	22.71	40.00	17.29	QP
2	165.800	19.64	1.05	1.78	22.47	43.50	21.03	QP
3	303.540	19.91	2.01	3.54	25.46	46.00	20.54	QP
4	697.360	26.96	3.52	2.23	32.71	46.00	13.29	QP
5	786.600	28.24	3.93	1.95	34.12	46.00	11.88	QP
6	949.560	29.95	4.47	2.41	36.83	46.00	9.17	QP

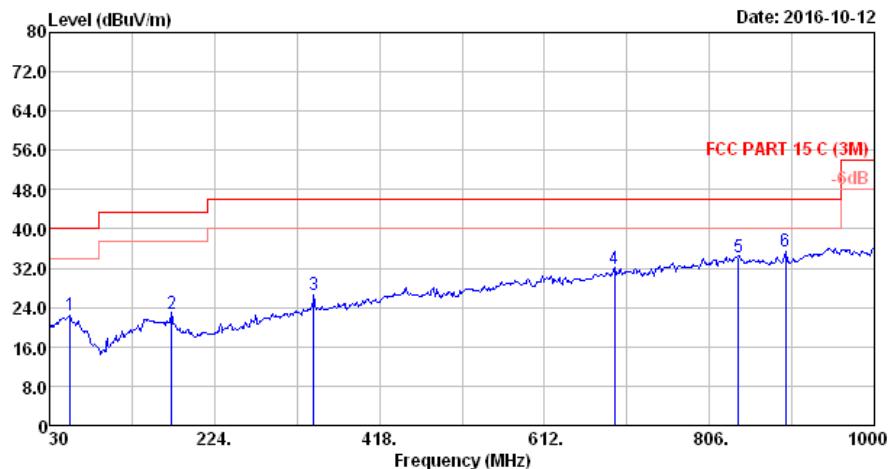
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Postcode:518057

Data: 2 File: C:\Documents and Settings\Administrator\桌面\20160930-rf.EM6 (24)

Date: 2016-10-12



Site no. : 10m Chamber Data no. : 2
Dis. / Ant. : 3m ANT 2016 9168 710 Ant. pol. : VERTICAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 23.6°C/58% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11b 2412MHz Tx Mode
M/N:MEP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable		Emission			
			Loss (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	54.250	20.31	0.86	1.24	22.41	40.00	17.59	QP
2	173.560	19.37	1.04	2.35	22.76	43.50	20.74	QP
3	340.400	20.90	2.17	3.63	26.70	46.00	19.30	QP
4	694.450	26.88	3.51	1.59	31.98	46.00	14.02	QP
5	839.950	28.66	4.13	1.57	34.36	46.00	11.64	QP
6	895.240	29.22	4.32	1.75	35.29	46.00	10.71	QP

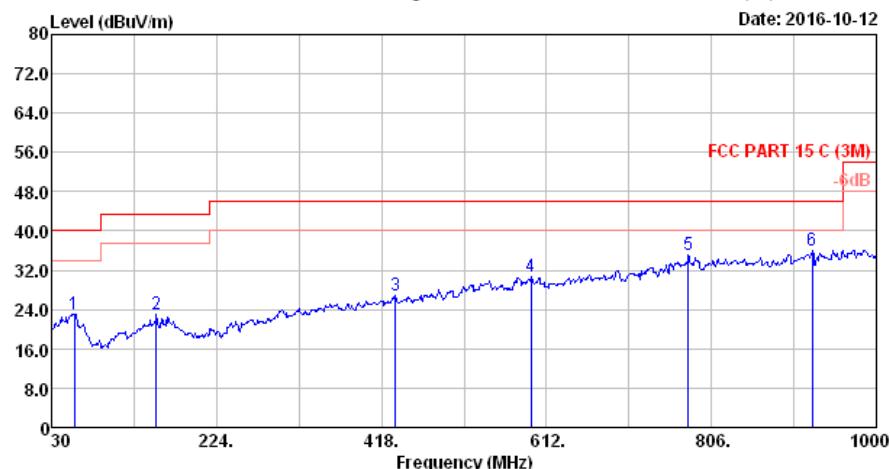
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Postcode:518057

Data: 3 File: C:\Documents and Settings\Administrator\桌面\20160930-rf.EM6 (24)

Date: 2016-10-12



Site no. : 10m Chamber Data no. : 3
Dis. / Ant. : 3m ANT 2016 9168 710 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 23.6°C/58% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11b 2437MHz Tx Mode
M/N:MEP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable		Emission		
			Loss (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)
1	57.160	20.03	0.88	2.16	23.07	40.00	16.93
2	153.190	19.70	1.36	2.03	23.09	43.50	20.41
3	434.490	22.95	2.57	1.34	26.86	46.00	19.14
4	593.570	25.82	3.18	1.81	30.81	46.00	15.19
5	778.840	28.20	4.02	2.90	35.12	46.00	10.88
6	924.340	29.71	4.65	1.57	35.93	46.00	10.07

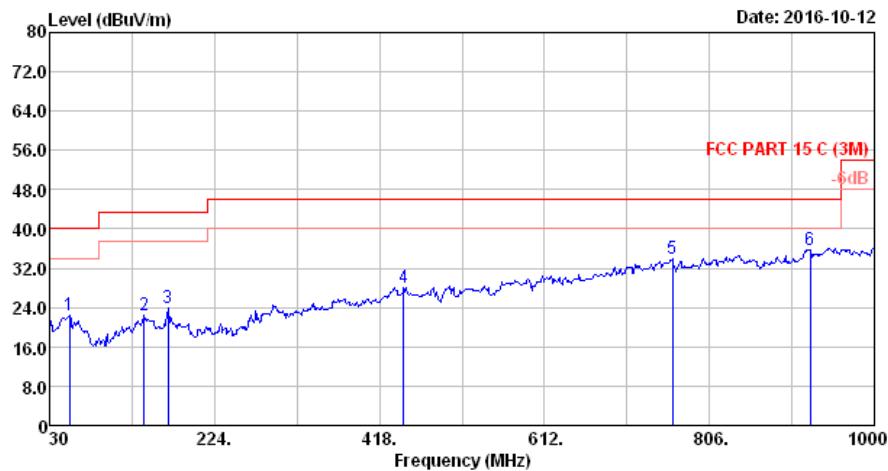
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 4 File: C:\Documents and Settings\Administrator\桌面\20160930-rf.EM6 (24)

Date: 2016-10-12



Site no. : 10m Chamber Data no. : 4
Dis. / Ant. : 3m ANT 2016 9168 710 Ant. pol. : VERTICAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 23.6°C/58% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11b 2437MHz Tx Mode
M/N:MEP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission			
					Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	53.280	20.38	0.86	1.15	22.39	40.00	17.61	QP
2	141.550	19.43	1.31	1.69	22.43	43.50	21.07	QP
3	169.680	19.47	1.43	3.09	23.99	43.50	19.51	QP
4	446.130	23.27	2.62	2.22	28.11	46.00	17.89	QP
5	762.350	28.19	3.93	1.89	34.01	46.00	11.99	QP
6	924.340	29.71	4.65	1.39	35.75	46.00	10.25	QP

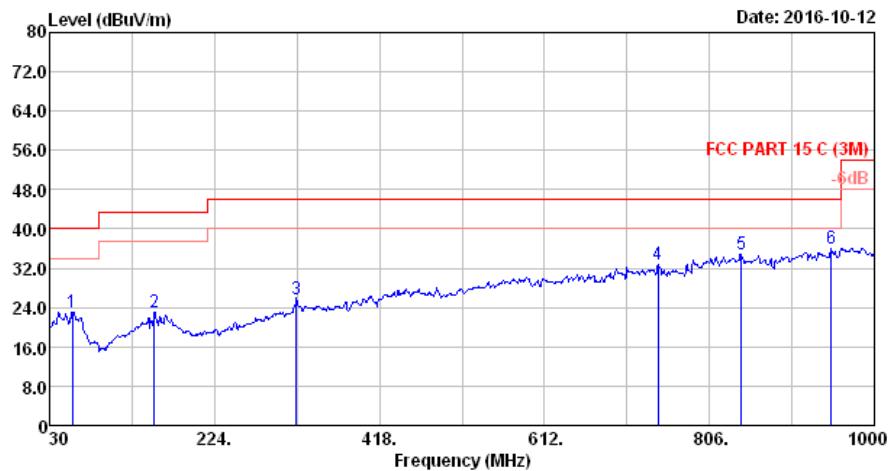
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 5 File: C:\Documents and Settings\Administrator\桌面\20160930-rf.EM6 (24)

Date: 2016-10-12



Site no. : 10m Chamber Data no. : 5
Dis. / Ant. : 3m ANT 2016 9168 710 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 23.6°C/58% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11b 2462MHz Tx Mode
M/N:MEP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable		Emission			
			Loss (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	57.160	20.03	0.88	2.16	23.07	40.00	16.93	QP
2	153.190	19.70	1.36	2.03	23.09	43.50	20.41	QP
3	320.030	20.39	2.11	3.12	25.62	46.00	20.38	QP
4	745.860	27.78	3.84	1.26	32.88	46.00	13.12	QP
5	843.830	28.62	4.36	1.97	34.95	46.00	11.05	QP
6	949.560	29.95	4.71	1.24	35.90	46.00	10.10	QP

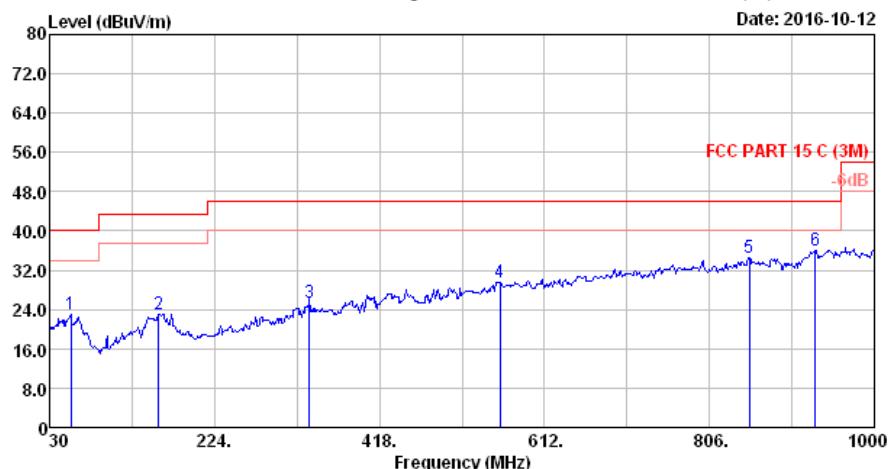
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 6 File: C:\Documents and Settings\Administrator\桌面\20160930-rf.EM6 (24)

Date: 2016-10-12

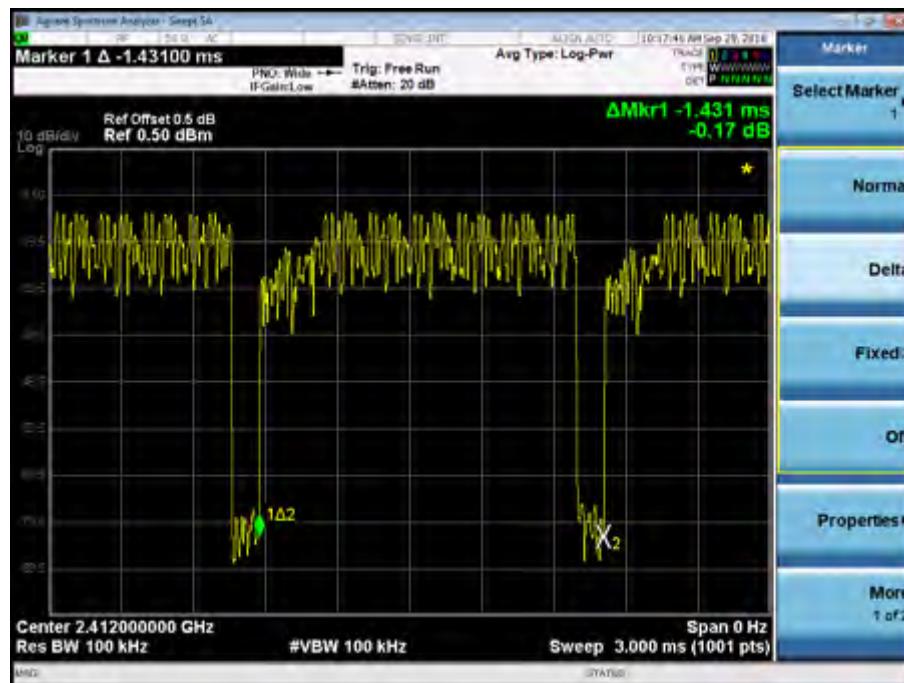
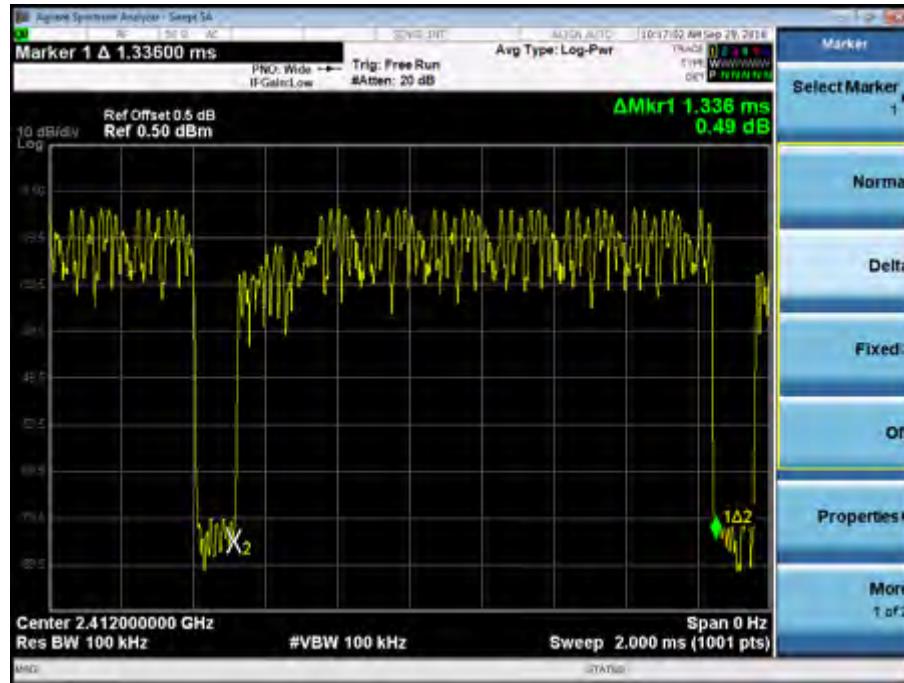


Site no. : 10m Chamber Data no. : 6
Dis. / Ant. : 3m ANT 2016 9168 710 Ant. pol. : VERTICAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 23.6°C/58% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11b 2462MHz Tx Mode
M/N:MEP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable		Emission		
			Loss (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)
1	55.220	20.24	0.87	1.80	22.91	40.00	17.09 QP
2	158.040	19.73	1.38	1.90	23.01	43.50	20.49 QP
3	335.550	20.86	2.18	2.46	25.50	46.00	20.50 QP
4	559.620	24.93	3.02	1.70	29.65	46.00	16.35 QP
5	852.560	28.63	4.40	1.60	34.63	46.00	11.37 QP
6	930.160	29.74	4.67	1.54	35.95	46.00	10.05 QP

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

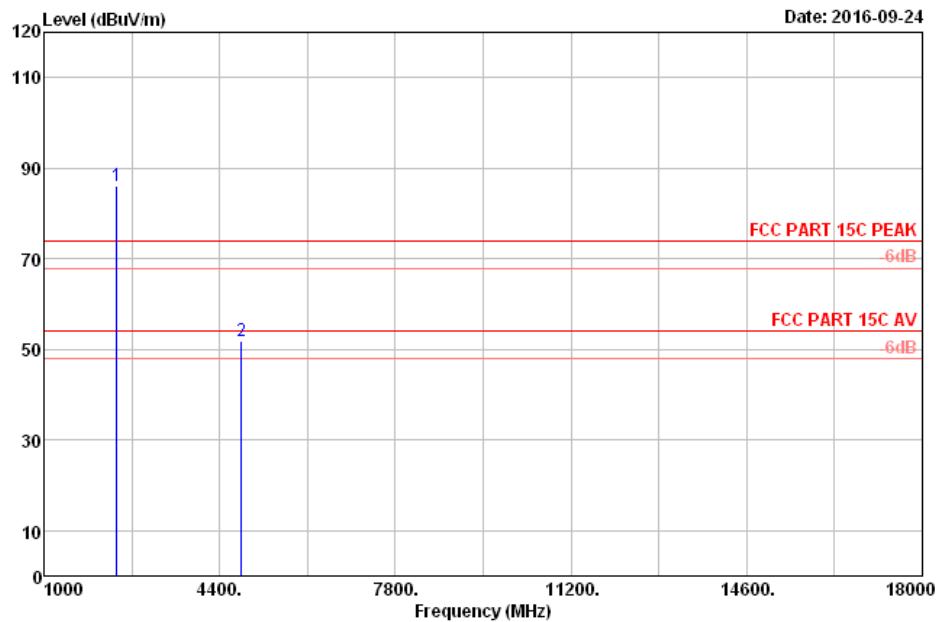
1GHz - 18GHz Duty Cycle



Duty Cycle Correction Factor = $20 \cdot \log(\text{dwell time}/T_{\text{on}}) = 20 \cdot \log (1.336\text{ms}/1.431\text{ms}) = -0.60 \text{ dB}$



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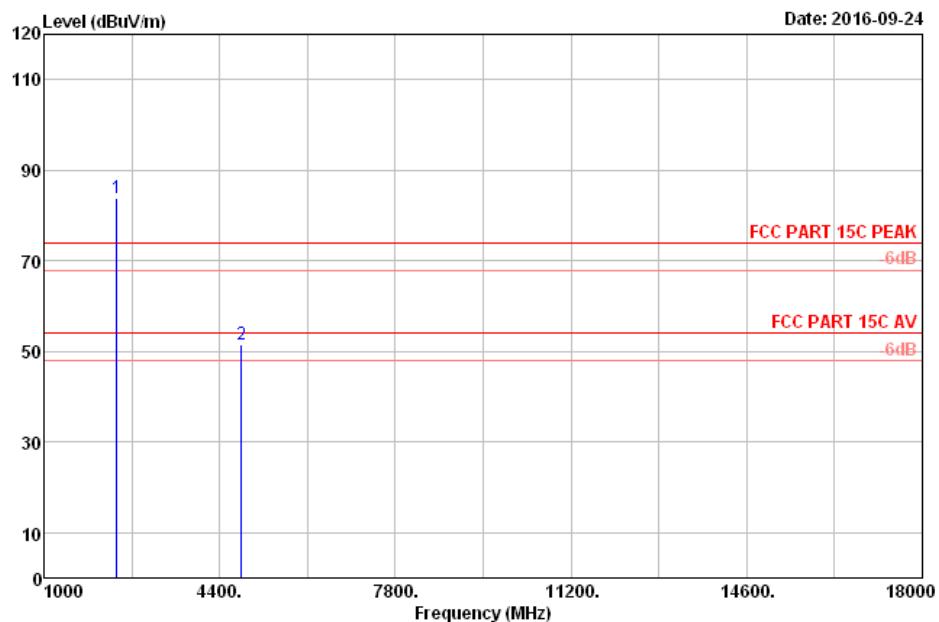
Site no. : 3m Chamber Data no. : 18
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via AAA*2 batteries
Test Mode : IEEE802.11b 2412MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.00	28.29	8.35	85.88	36.39	86.13	74.00	-12.13	Peak
2	4824.00	33.15	11.77	42.75	35.68	51.99	74.00	22.01	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.



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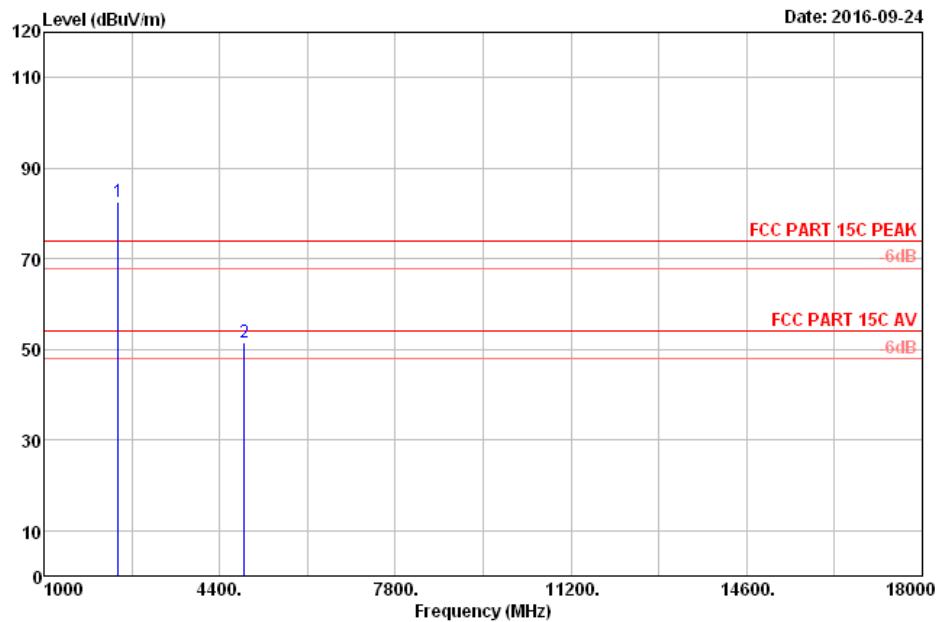
Site no. : 3m Chamber Data no. : 20
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via AAA*2 batteries
Test Mode : IEEE802.11b 2412MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.00	28.29	8.35	83.59	36.39	83.84	74.00	-9.84	Peak
2	4824.00	33.15	11.77	42.24	35.68	51.48	74.00	22.52	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.



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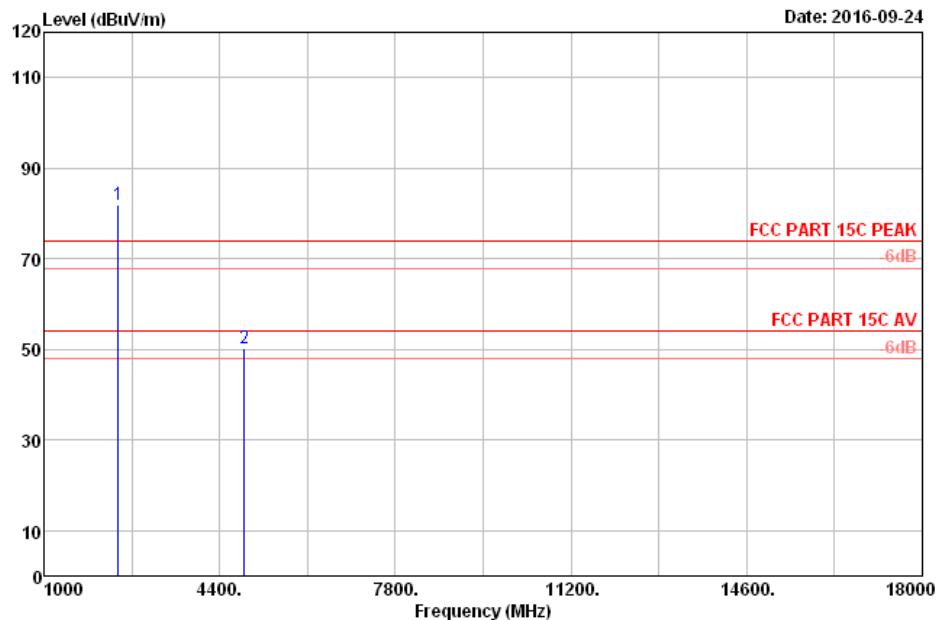
Site no. : 3m Chamber Data no. : 22
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via AAA*2 batteries
Test Mode : IEEE802.11b 2437MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	28.32	8.38	82.37	36.38	82.69	74.00	-8.69	Peak
2	4874.00	33.25	11.80	42.06	35.69	51.42	74.00	22.58	Peak

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



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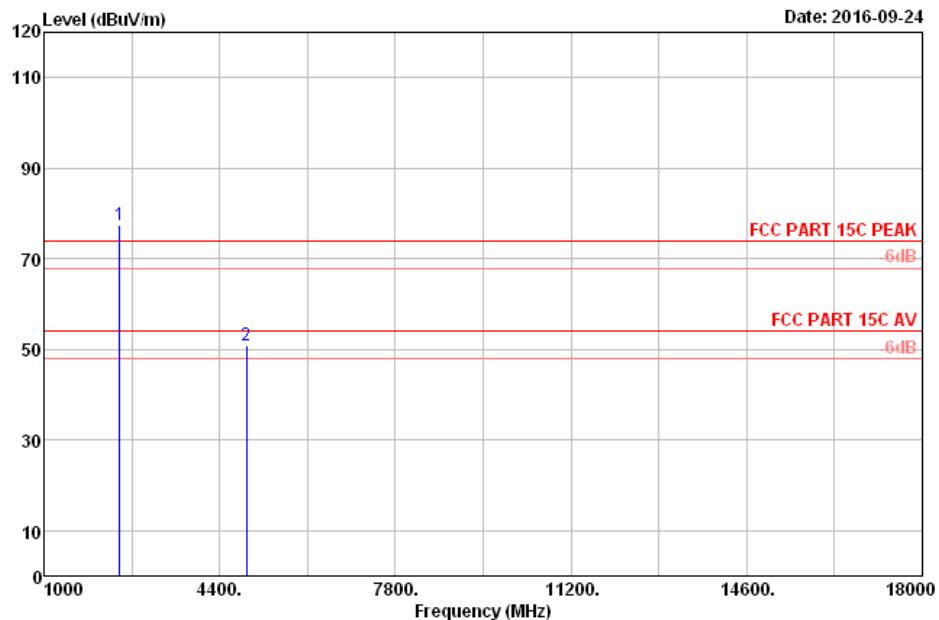
Site no. : 3m Chamber Data no. : 24
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via AAA*2 batteries
Test Mode : IEEE802.11b 2437MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	28.32	8.38	81.61	36.38	81.93	74.00	-7.93	Peak
2	4874.00	33.25	11.80	40.94	35.69	50.30	74.00	23.70	Peak

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



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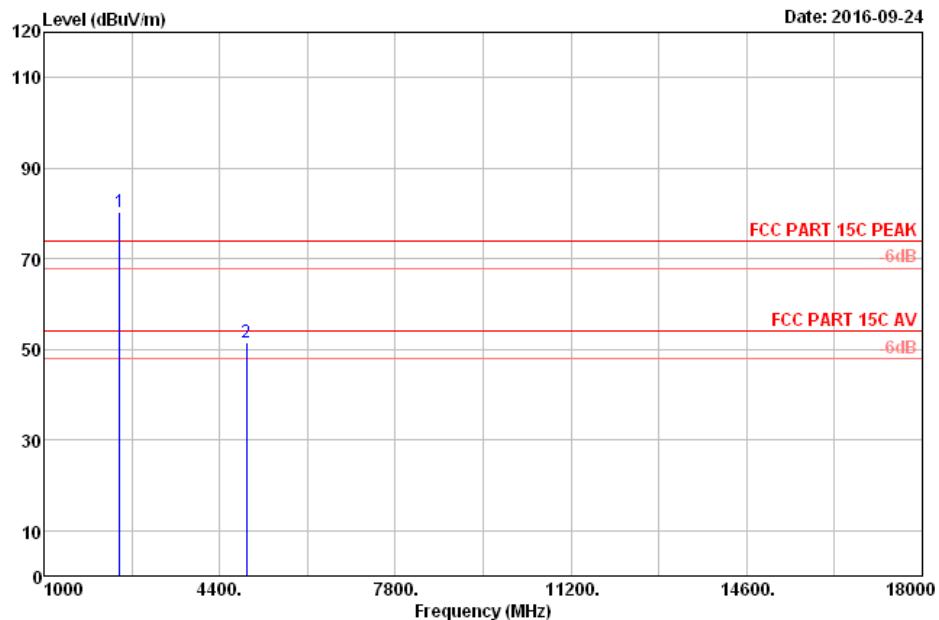
Site no. : 3m Chamber Data no. : 26
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via AAA*2 batteries
Test Mode : IEEE802.11b 2462MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.00	28.35	8.40	77.06	36.38	77.43	74.00	-3.43	Peak
2	4924.00	33.35	11.83	41.35	35.70	50.83	74.00	23.17	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.



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Site no. : 3m Chamber Data no. : 28
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via AAA*2 batteries
Test Mode : IEEE802.11b 2462MHz Tx
M/N:MBP81SN

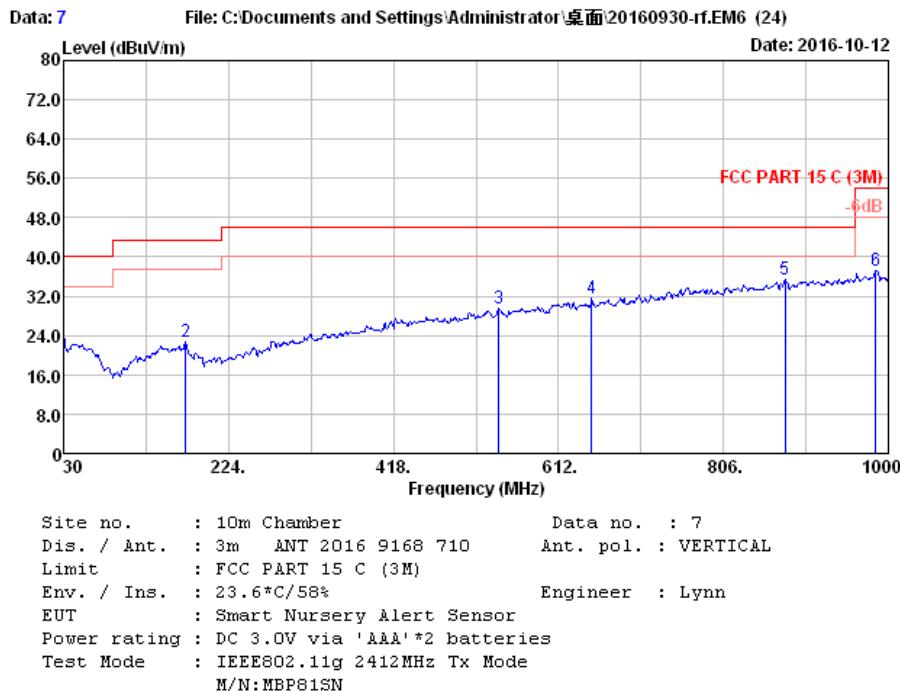
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.00	28.35	8.40	79.83	36.38	80.20	74.00	-6.20	Peak
2	4924.00	33.35	11.83	41.90	35.70	51.38	74.00	22.62	Peak

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.

Wi-Fi 802.11 g mode, 54 Mbps
30MHz - 1GHz



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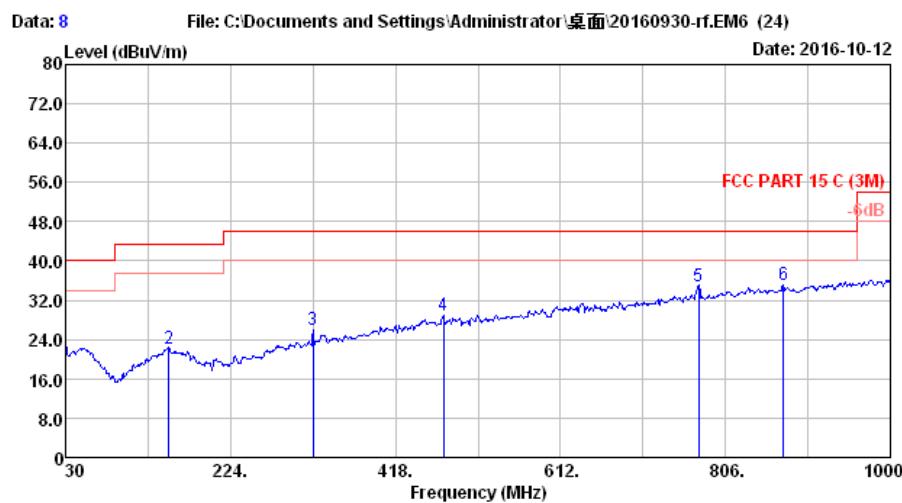


No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable		Emission			
			Loss (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	30.000	19.28	0.59	3.34	23.21	40.00	16.79	QP
2	173.560	19.37	1.04	2.44	22.85	43.50	20.65	QP
3	542.160	24.58	2.91	2.04	29.53	46.00	16.47	QP
4	650.800	26.44	3.33	1.76	31.53	46.00	14.47	QP
5	878.750	28.89	4.27	2.37	35.53	46.00	10.47	QP
6	985.450	30.13	4.55	2.60	37.28	54.00	16.72	QP

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



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Site no. : 10m Chamber Data no. : 8
Dis. / Ant. : 3m ANT 2016 9168 710 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 23.6°C/58% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11g 2412MHz Tx Mode
M/N:MEP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable		Emission			
			Loss (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	30.000	19.28	0.59	2.30	22.17	40.00	17.83	QP
2	151.250	19.68	1.07	1.42	22.17	43.50	21.33	QP
3	321.000	20.42	2.08	3.37	25.87	46.00	20.13	QP
4	474.260	23.63	2.67	2.57	28.87	46.00	17.13	QP
5	774.960	28.15	3.88	2.88	34.91	46.00	11.09	QP
6	873.900	28.82	4.25	2.08	35.15	46.00	10.85	QP

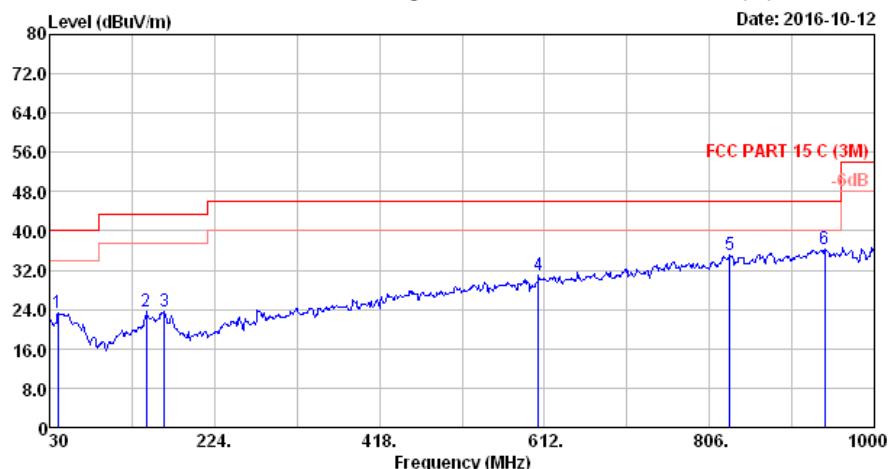
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 9 File: C:\Documents and Settings\Administrator\桌面\20160930-rf.EM6 (24)

Date: 2016-10-12



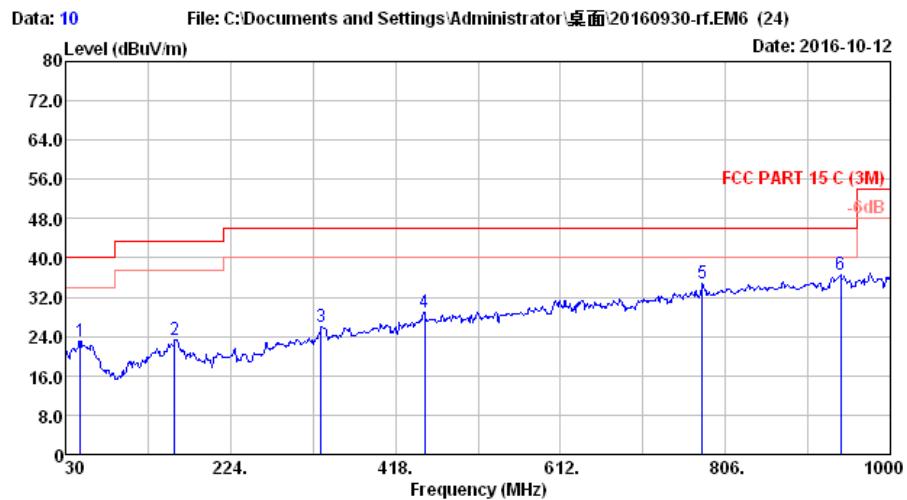
Site no. : 10m Chamber Data no. : 9
Dis. / Ant. : 3m ANT 2016 9168 710 Ant. pol. : VERTICAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 23.6°C/58% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11g 2437MHz Tx Mode
M/N:MEP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable		Emission			
			Loss (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	39.700	20.03	0.74	2.47	23.24	40.00	16.76	QP
2	143.490	19.48	1.32	2.79	23.59	43.50	19.91	QP
3	164.830	19.67	1.41	2.51	23.59	43.50	19.91	QP
4	605.210	26.12	3.23	1.62	30.97	46.00	15.03	QP
5	830.250	28.55	4.29	2.33	35.17	46.00	10.83	QP
6	941.800	29.90	4.69	1.86	36.45	46.00	9.55	QP

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



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Site no. : 10m Chamber Data no. : 10
Dis. / Ant. : 3m ANT 2016 9168 710 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 23.6°C/58% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11g 2437MHz Tx Mode
M/N:MEP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable		Emission			
			Loss (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	47.460	20.50	0.81	1.82	23.13	40.00	16.87	QP
2	158.040	19.73	1.38	2.35	23.46	43.50	20.04	QP
3	330.700	20.75	2.16	2.98	25.89	46.00	20.11	QP
4	451.950	23.37	2.64	2.92	28.93	46.00	17.07	QP
5	778.840	28.20	4.02	2.48	34.70	46.00	11.30	QP
6	941.800	29.90	4.69	1.97	36.56	46.00	9.44	QP

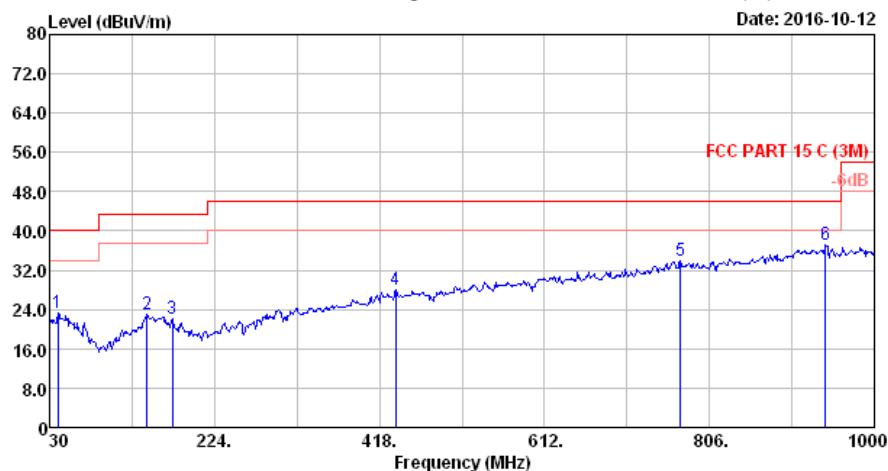
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Date: 2016-10-12



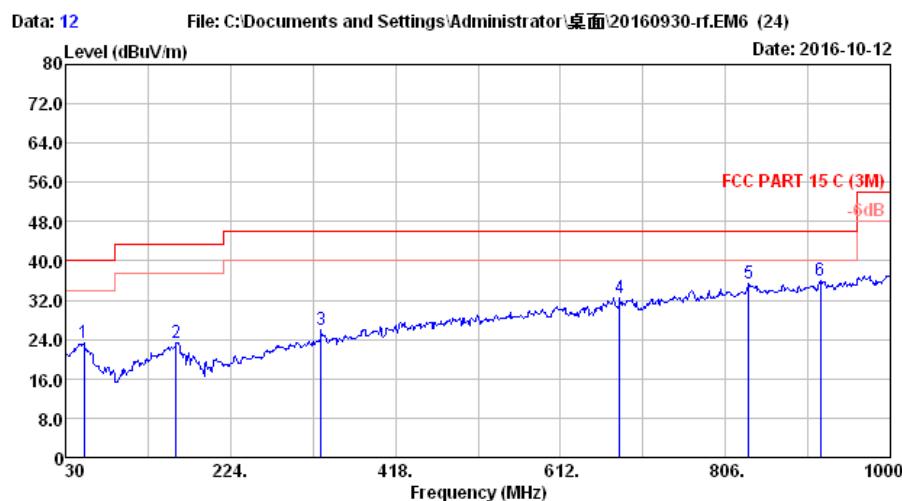
Site no. : 10m Chamber Data no. : 11
Dis. / Ant. : 3m ANT 2016 9168 710 Ant. pol. : VERTICAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 23.6°C/58% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11g 2462MHz Tx Mode
M/N:MEP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable		Emission			
			Loss (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	39.700	20.03	0.74	2.47	23.24	40.00	16.76	QP
2	144.460	19.51	1.32	2.09	22.92	43.50	20.58	QP
3	174.530	19.22	1.45	1.36	22.03	43.50	21.47	QP
4	437.400	23.02	2.59	2.36	27.97	46.00	18.03	QP
5	772.050	28.15	3.98	1.94	34.07	46.00	11.93	QP
6	942.770	29.89	4.69	2.58	37.16	46.00	8.84	QP

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



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Site no. : 10m Chamber Data no. : 12
Dis. / Ant. : 3m ANT 2016 9168 710 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 23.6°C/58% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11g 2462MHz Tx Mode
M/N:MEP81SN

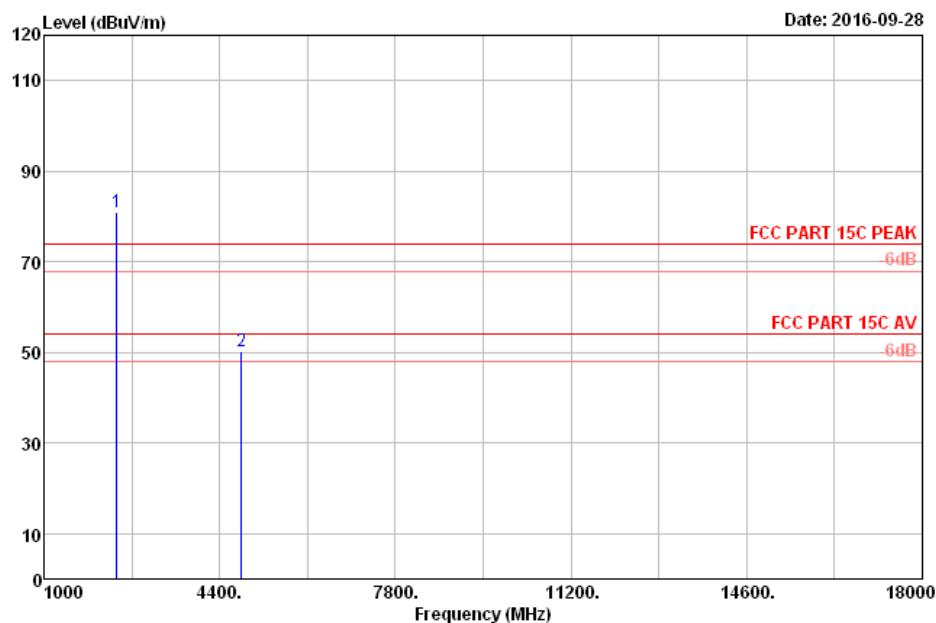
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable		Emission			
			Loss (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	51.340	20.47	0.85	1.92	23.24	40.00	16.76	QP
2	159.980	19.74	1.39	2.22	23.35	43.50	20.15	QP
3	330.700	20.75	2.16	2.98	25.89	46.00	20.11	QP
4	681.840	26.73	3.56	2.30	32.59	46.00	13.41	QP
5	833.160	28.61	4.30	2.60	35.51	46.00	10.49	QP
6	917.550	29.64	4.64	1.66	35.94	46.00	10.06	QP

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

1GHz - 18GHz



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Postcode:518057



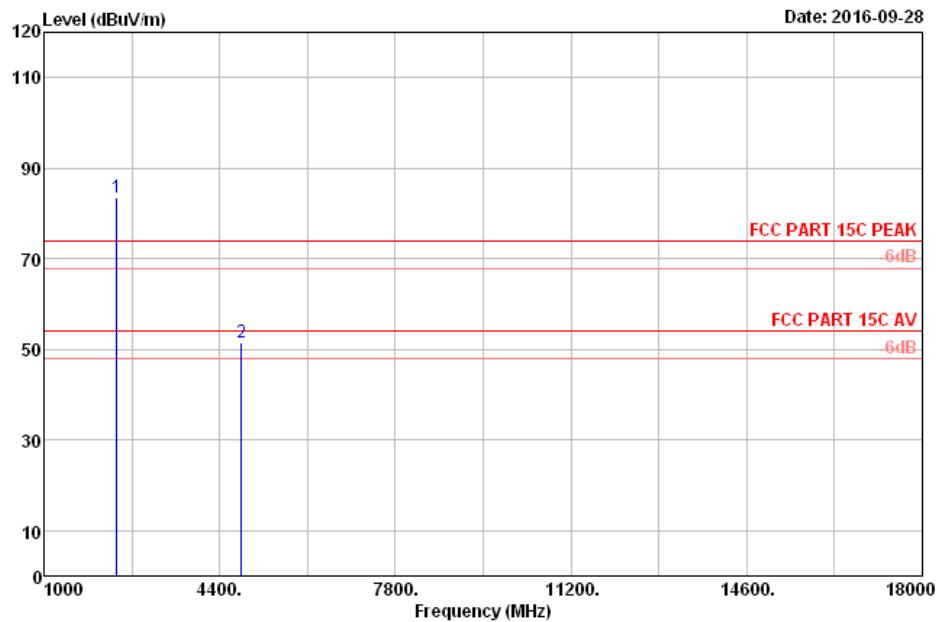
Site no. : 3m Chamber Data no. : 30
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via AAA*2 batteries
Test Mode : IEEE802.11g 2412MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.00	28.29	8.35	80.56	36.39	80.81	74.00	-6.81	Peak
2	4824.00	33.15	11.77	41.06	35.68	50.30	74.00	23.70	Peak

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



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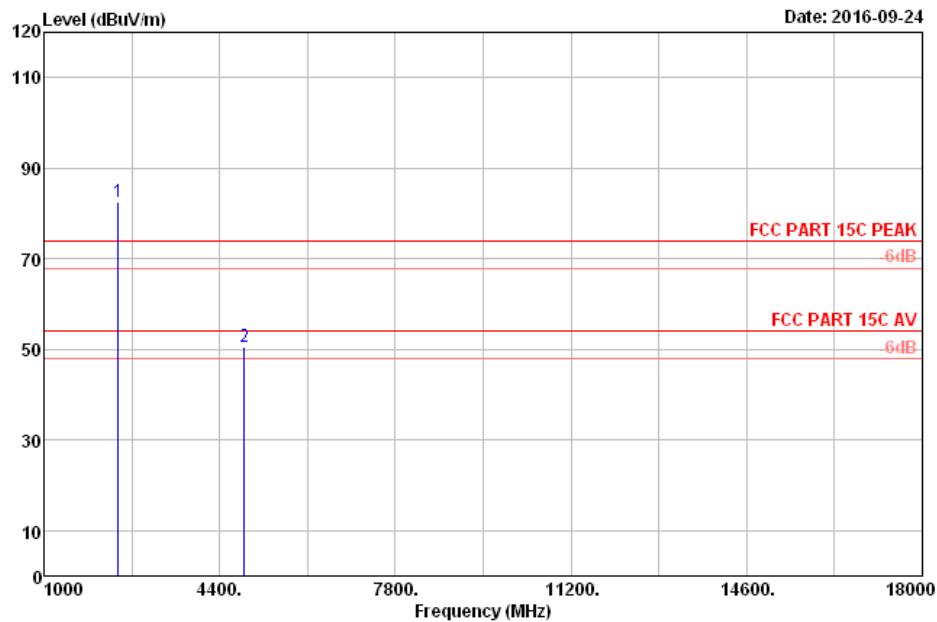
Site no. : 3m Chamber Data no. : 32
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via AAA*2 batteries
Test Mode : IEEE802.11g 2412MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.00	28.29	8.35	83.38	36.39	83.63	74.00	-9.63	Peak
2	4824.00	33.15	11.77	42.35	35.68	51.59	74.00	22.41	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.



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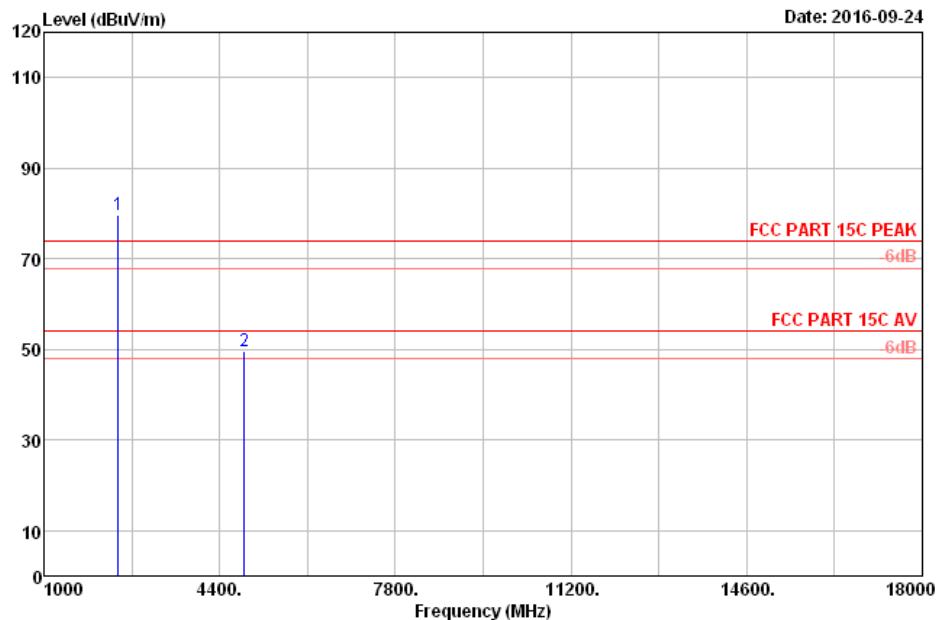
Site no. : 3m Chamber Data no. : 34
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via AAA*2 batteries
Test Mode : IEEE802.11g 2437MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	28.32	8.38	82.15	36.38	82.47	74.00	-8.47	Peak
2	4874.00	33.25	11.80	41.36	35.69	50.72	74.00	23.28	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.



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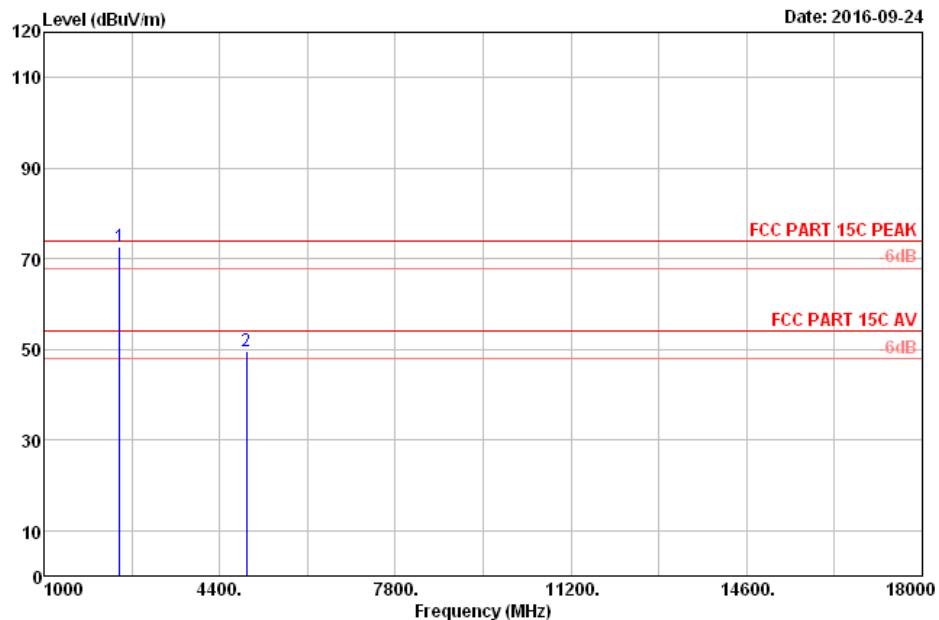
Site no. : 3m Chamber Data no. : 36
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via AAA*2 batteries
Test Mode : IEEE802.11g 2437MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	28.32	8.38	79.23	36.38	79.55	74.00	-5.55	Peak
2	4874.00	33.25	11.80	40.30	35.69	49.66	74.00	24.34	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.



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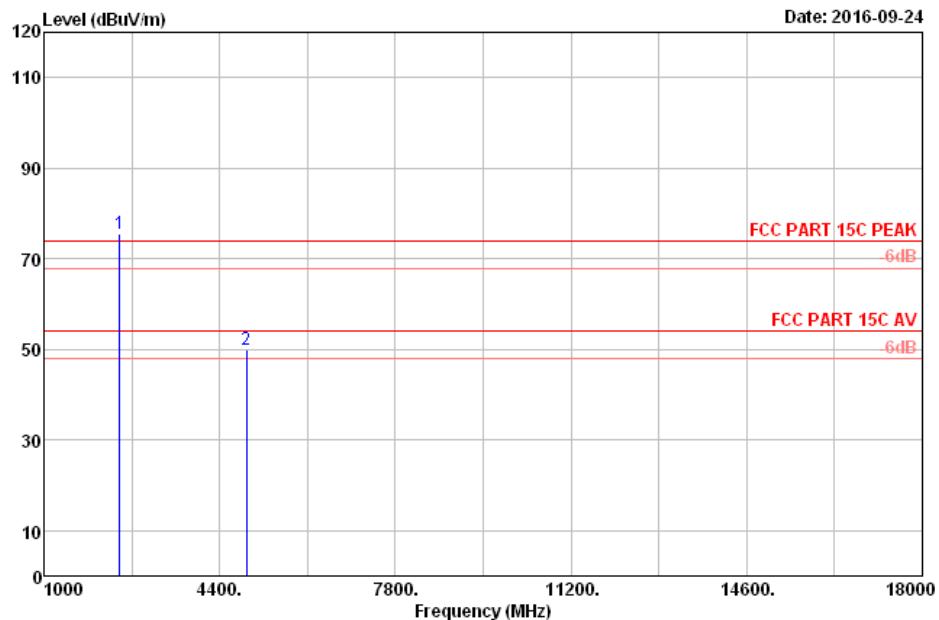
Site no. : 3m Chamber Data no. : 38
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via AAA*2 batteries
Test Mode : IEEE802.11g 2462MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.00	28.35	8.40	72.25	36.38	72.62	74.00	1.38	Peak
2	4924.00	33.35	11.83	40.01	35.70	49.49	74.00	24.51	Peak

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



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Site no. : 3m Chamber Data no. : 40
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via AAA*2 batteries
Test Mode : IEEE802.11g 2462MHz Tx
M/N:MBP81SN

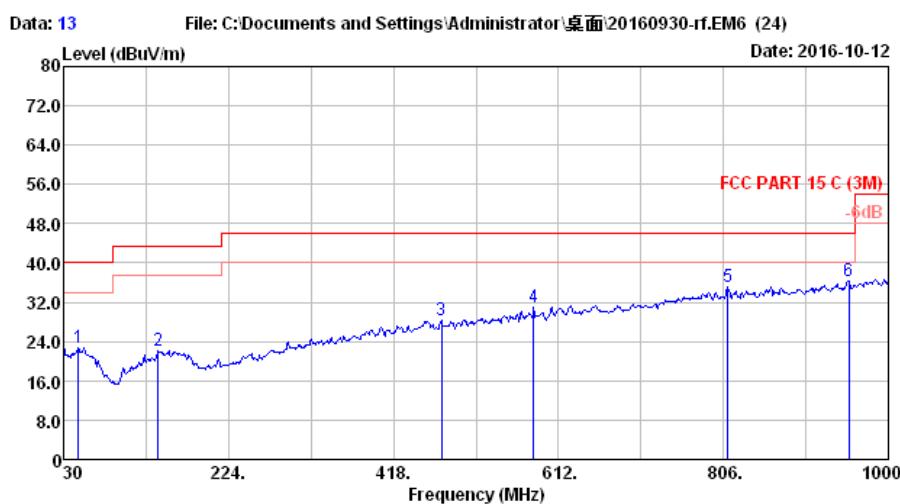
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.00	28.35	8.40	75.05	36.38	75.42	74.00	-1.42	Peak
2	4924.00	33.35	11.83	40.58	35.70	50.06	74.00	23.94	Peak

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.

Wi-Fi 802.11 n(HT20) mode, MCS7 Mbps
30MHz - 1GHz



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Site no. : 10m Chamber Data no. : 13
Dis. / Ant. : 3m ANT 2016 9168 710 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 23.6°C/58% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11n HT20 2412MHz Tx Mode
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable		Emission			
			Loss (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	47.460	20.50	0.78	1.56	22.84	40.00	17.16	QP
2	141.550	19.43	1.08	1.52	22.03	43.50	21.47	QP
3	474.260	23.63	2.67	1.92	28.22	46.00	17.78	QP
4	582.900	25.47	3.06	2.32	30.85	46.00	15.15	QP
5	810.850	28.40	4.03	2.60	35.03	46.00	10.97	QP
6	953.440	29.98	4.47	1.95	36.40	46.00	9.60	QP

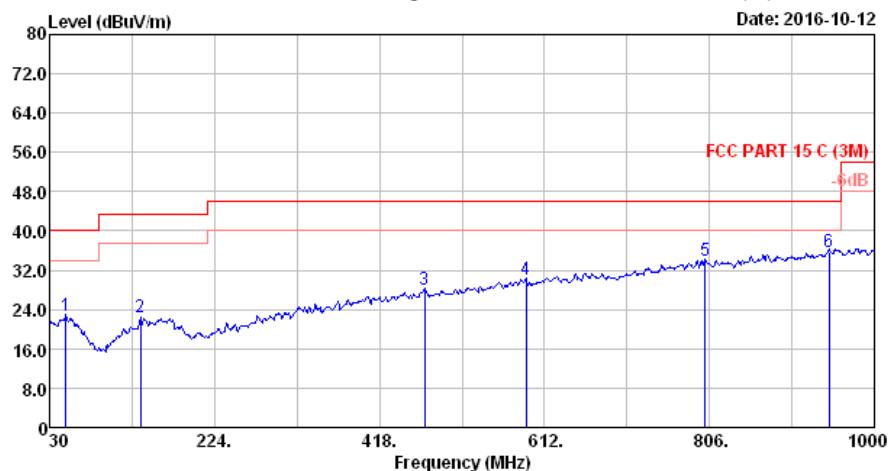
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 14 File: C:\Documents and Settings\Administrator\桌面\20160930-rf.EM6 (24)

Date: 2016-10-12



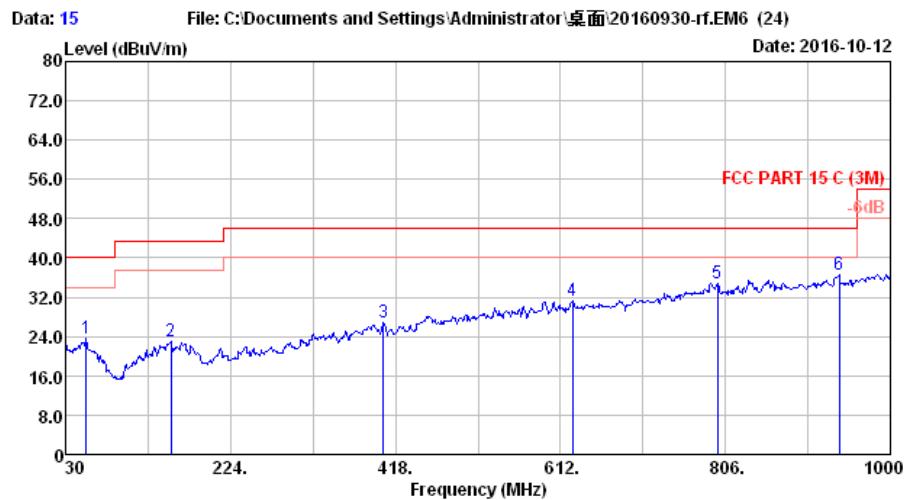
Site no. : 10m Chamber Data no. : 14
Dis. / Ant. : 3m ANT 2016 9168 710 Ant. pol. : VERTICAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 23.6°C/58% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11n HT20 2412MHz Tx Mode
M/N:MEP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable		Emission		
			Loss (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)
1	49.400	20.52	0.80	1.32	22.64	40.00	17.36 QP
2	136.700	18.99	1.09	2.23	22.31	43.50	21.19 QP
3	471.350	23.62	2.66	1.75	28.03	46.00	17.97 QP
4	590.660	25.69	3.09	1.26	30.04	46.00	15.96 QP
5	801.150	28.27	3.99	1.66	33.92	46.00	12.08 QP
6	946.650	29.92	4.46	1.27	35.65	46.00	10.35 QP

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



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Site no. : 10m Chamber Data no. : 15
Dis. / Ant. : 3m ANT 2016 9168 710 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 23.6°C/58% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11n HT20 2437MHz Tx Mode
M/N:MEP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable		Emission			
			Loss (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	54.250	20.31	0.86	2.45	23.62	40.00	16.38	QP
2	154.160	19.71	1.37	1.94	23.02	43.50	20.48	QP
3	403.450	22.16	2.46	2.28	26.90	46.00	19.10	QP
4	626.550	26.28	3.33	1.70	31.31	46.00	14.69	QP
5	796.300	28.23	4.11	2.56	34.90	46.00	11.10	QP
6	939.860	29.88	4.69	2.05	36.62	46.00	9.38	QP

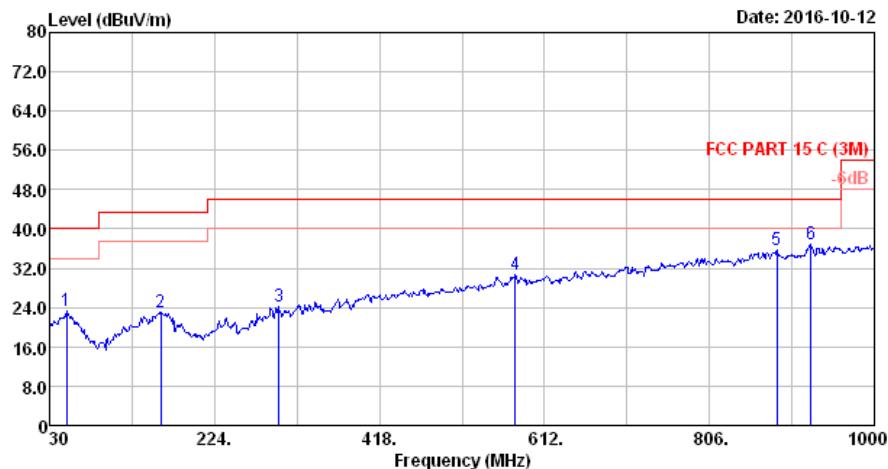
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 16 File: C:\Documents and Settings\Administrator\桌面\20160930-rf.EM6 (24)

Date: 2016-10-12



Site no. : 10m Chamber Data no. : 16
Dis. / Ant. : 3m ANT 2016 9168 710 Ant. pol. : VERTICAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 23.6°C/58% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11n HT20 2437MHz Tx Mode
M/N:MEP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable		Emission		
			Loss (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)
1	50.370	20.49	0.84	1.91	23.24	40.00	16.76 QP
2	160.950	19.74	1.39	1.97	23.10	43.50	20.40 QP
3	299.660	19.81	2.03	2.42	24.26	46.00	21.74 QP
4	578.050	25.40	3.11	2.14	30.65	46.00	15.35 QP
5	885.540	29.07	4.54	2.08	35.69	46.00	10.31 QP
6	925.310	29.70	4.66	2.44	36.80	46.00	9.20 QP

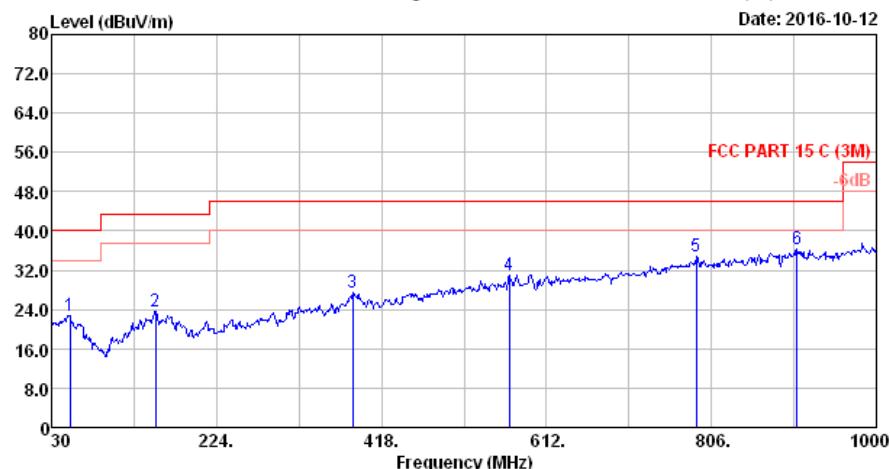
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 17 File: C:\Documents and Settings\Administrator\桌面\20160930-rf.EM6 (24)

Date: 2016-10-12



Site no. : 10m Chamber Data no. : 17
Dis. / Ant. : 3m ANT 2016 9168 710 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 23.6°C/58% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11n HT20 2462MHz Tx Mode
M/N:MEP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable		Emission			
			Loss (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	51.340	20.47	0.85	1.49	22.81	40.00	17.19	QP
2	152.220	19.69	1.36	2.62	23.67	43.50	19.83	QP
3	384.050	21.84	2.38	3.15	27.37	46.00	18.63	QP
4	568.350	25.12	3.06	2.82	31.00	46.00	15.00	QP
5	788.540	28.24	4.07	2.56	34.87	46.00	11.13	QP
6	906.880	29.37	4.62	2.33	36.32	46.00	9.68	QP

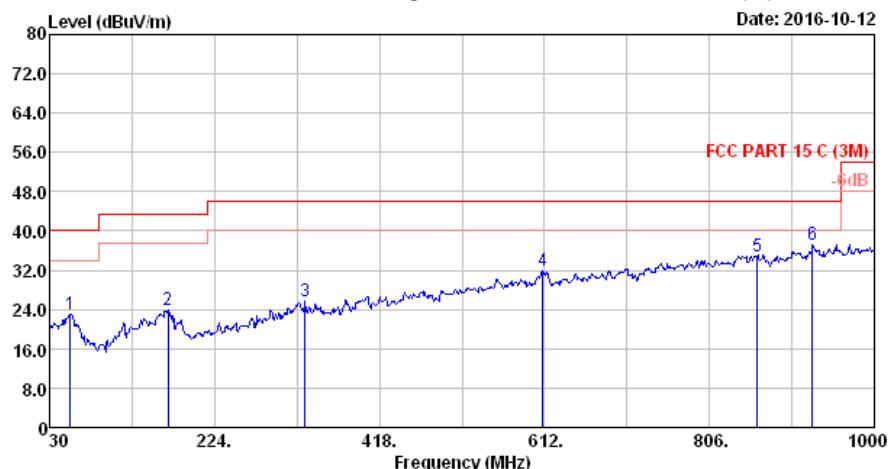
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Date: 2016-10-12



Site no. : 10m Chamber Data no. : 18
Dis. / Ant. : 3m ANT 2016 9168 710 Ant. pol. : VERTICAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 23.6°C/58% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11n HT20 2462MHz Tx Mode
M/N:MEP81SN

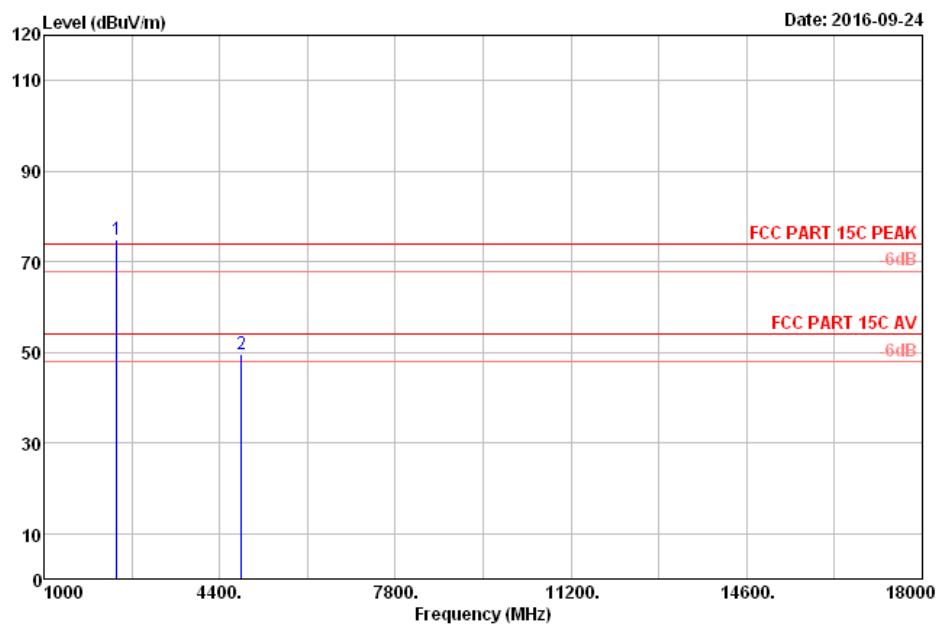
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable		Emission			
			Loss (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	54.250	20.31	0.86	1.89	23.06	40.00	16.94	QP
2	169.680	19.47	1.43	2.89	23.79	43.50	19.71	QP
3	330.700	20.75	2.16	2.71	25.62	46.00	20.38	QP
4	610.060	26.22	3.25	2.44	31.91	46.00	14.09	QP
5	862.260	28.83	4.44	1.66	34.93	46.00	11.07	QP
6	927.250	29.71	4.66	2.69	37.06	46.00	8.94	QP

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

1GHz - 18GHz



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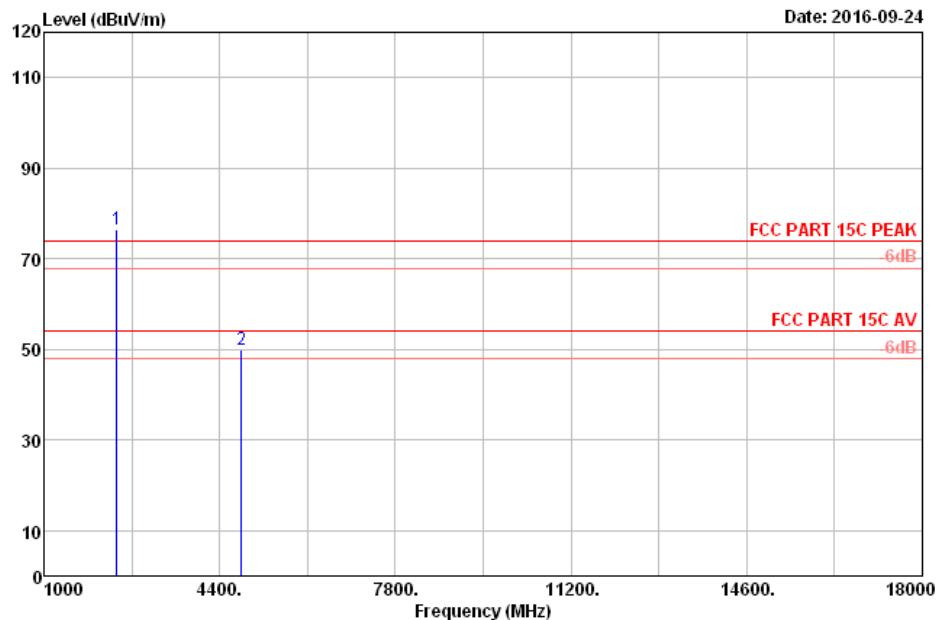
Site no. : 3m Chamber Data no. : 42
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via AAA*2 batteries
Test Mode : IEEE802.11nHT20 2412MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.00	28.29	8.35	74.69	36.39	74.94	74.00	-0.94	Peak
2	4824.00	33.15	11.77	40.26	35.68	49.50	74.00	24.50	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.



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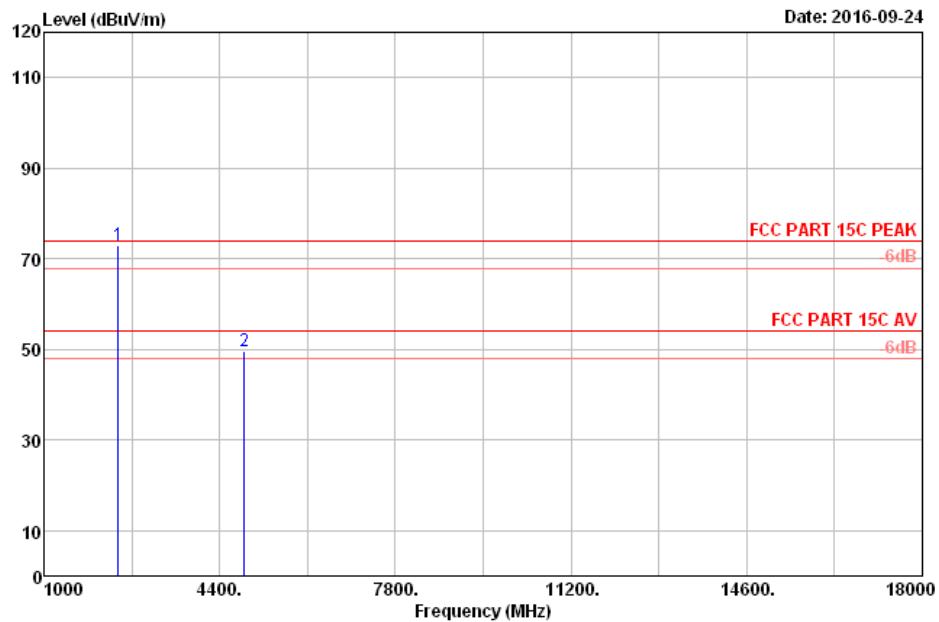
Site no. : 3m Chamber Data no. : 44
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11nHT20 2412MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.00	28.29	8.35	76.36	36.39	76.61	74.00	-2.61	Peak
2	4824.00	33.15	11.77	40.79	35.68	50.03	74.00	23.97	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.



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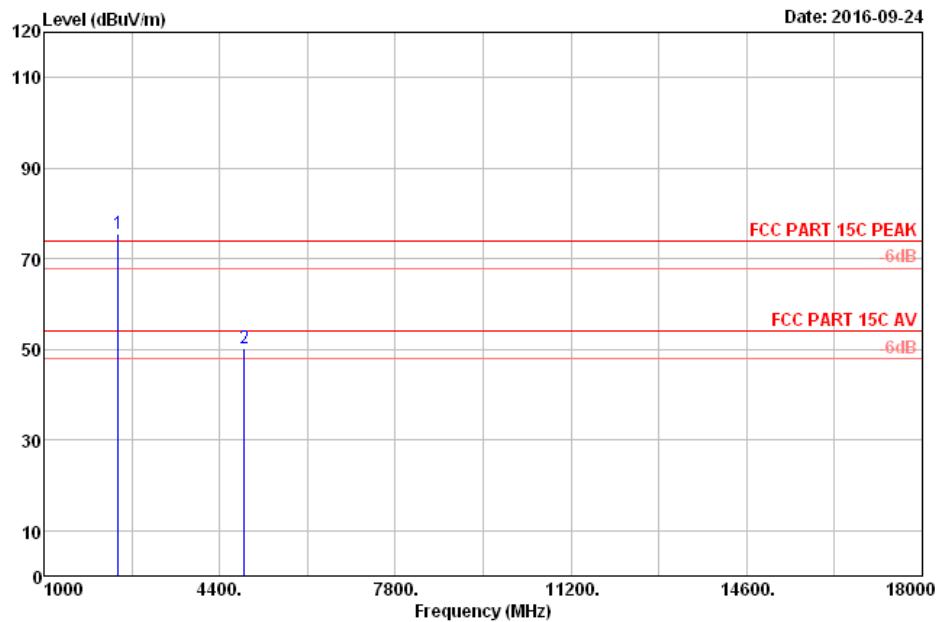
Site no. : 3m Chamber Data no. : 46
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11nHT20 2437MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	28.32	8.38	72.53	36.38	72.85	74.00	1.15	Peak
2	4874.00	33.25	11.80	40.20	35.69	49.56	74.00	24.44	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.



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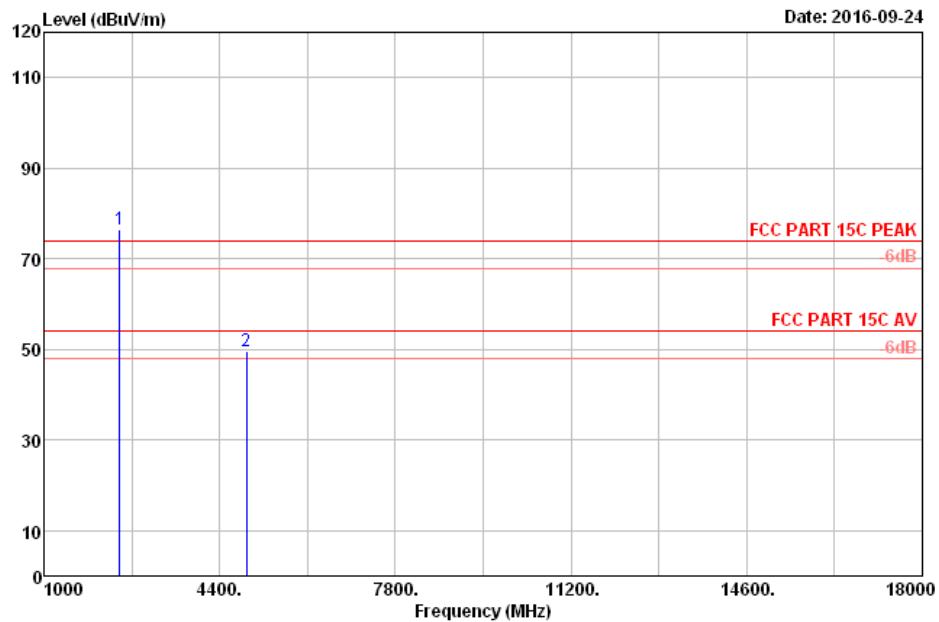
Site no. : 3m Chamber Data no. : 48
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11nHT20 2437MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	28.32	8.38	75.10	36.38	75.42	74.00	-1.42	Peak
2	4874.00	33.25	11.80	40.88	35.69	50.24	74.00	23.76	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.



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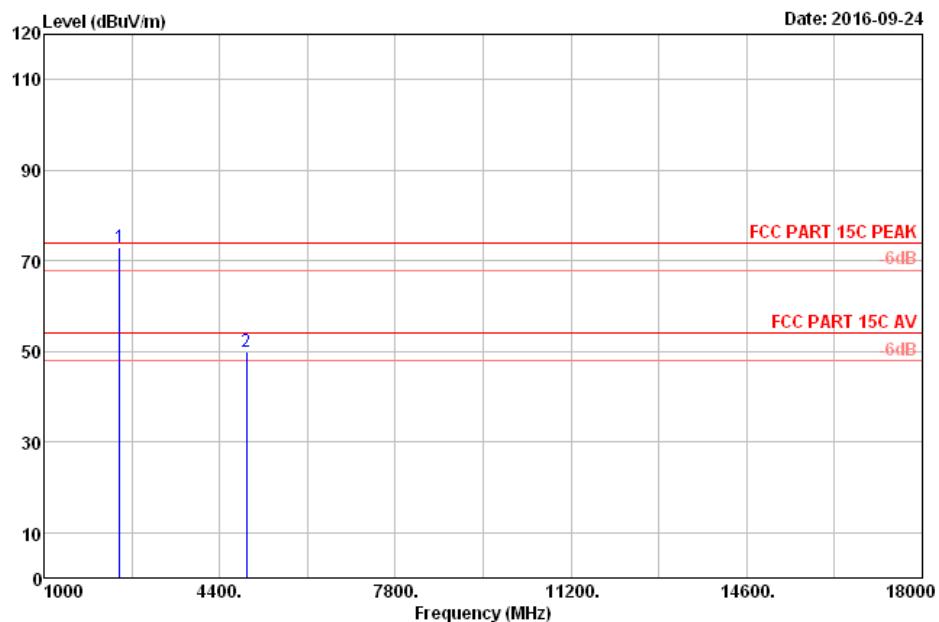
Site no. : 3m Chamber Data no. : 50
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11nHT20 2462MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.00	28.35	8.40	76.26	36.38	76.63	74.00	-2.63	Peak
2	4924.00	33.35	11.83	40.28	35.70	49.76	74.00	24.24	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.



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Site no. : 3m Chamber Data no. : 52
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11nHT20 2462MHz Tx
M/N:MBP81SN

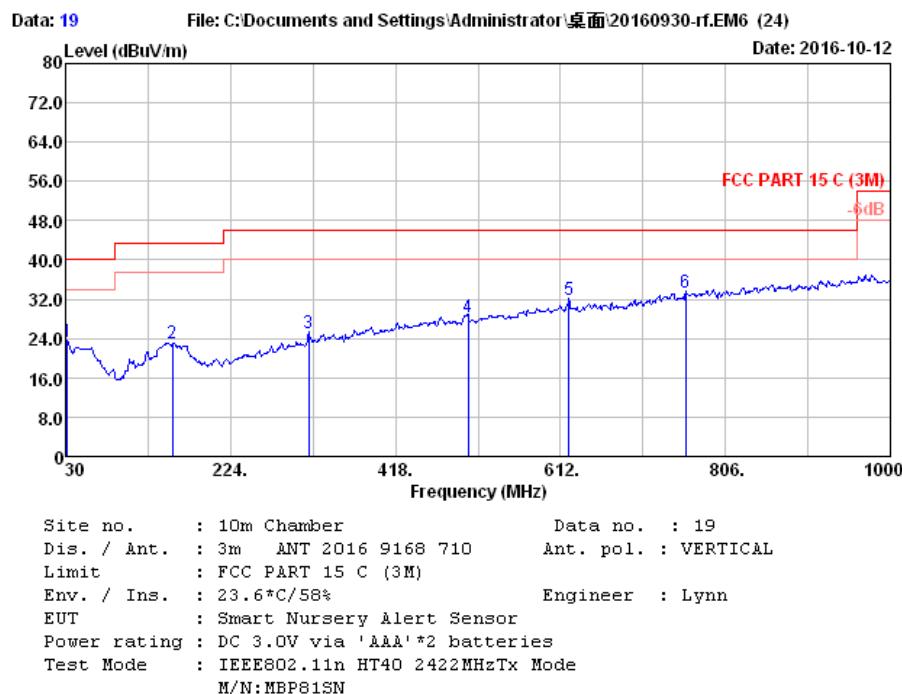
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.00	28.35	8.40	72.68	36.38	73.05	74.00	0.95	Peak
2	4924.00	33.35	11.83	40.36	35.70	49.84	74.00	24.16	Peak

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.

Wi-Fi 802.11 n(HT40) mode, MCS7 Mbps
30MHz - 1GHz



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No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable		Emission			
			Loss (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	31.940	19.24	0.61	3.57	23.42	40.00	16.58	QP
2	156.100	19.72	1.37	2.01	23.10	43.50	20.40	QP
3	316.150	20.25	2.06	2.67	24.98	46.00	21.02	QP
4	503.360	24.01	2.76	1.68	28.45	46.00	17.55	QP
5	621.700	26.23	3.21	2.35	31.79	46.00	14.21	QP
6	759.440	28.11	3.80	1.37	33.28	46.00	12.72	QP

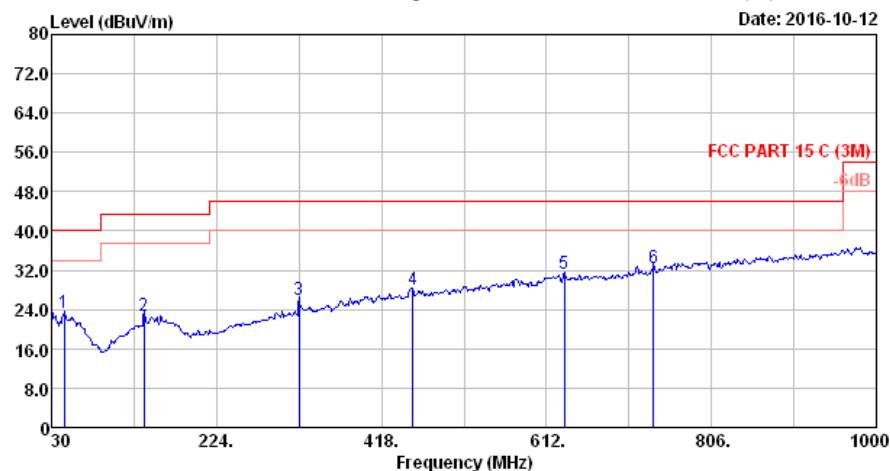
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 20 File: C:\Documents and Settings\Administrator\桌面\20160930-rf.EM6 (24)

Date: 2016-10-12



Site no. : 10m Chamber Data no. : 20
Dis. / Ant. : 3m ANT 2016 9168 710 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 23.6°C/58% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11n HT40 2422MHzTx Mode
M/N:MEP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable		Emission			
			Loss (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	44.550	20.42	0.75	2.13	23.30	40.00	16.70	QP
2	138.640	19.19	1.09	2.58	22.86	43.50	20.64	QP
3	321.000	20.42	2.08	3.49	25.99	46.00	20.01	QP
4	454.860	23.42	2.61	2.01	28.04	46.00	17.96	QP
5	633.340	26.26	3.26	1.85	31.37	46.00	14.63	QP
6	738.100	27.57	3.70	1.28	32.55	46.00	13.45	QP

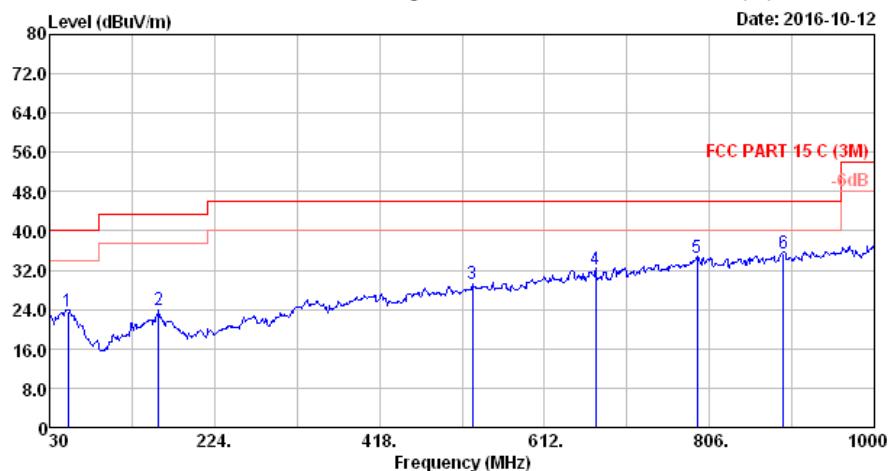
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 21 File: C:\Documents and Settings\Administrator\桌面\20160930-rf.EM6 (24)

Date: 2016-10-12



Site no. : 10m Chamber Data no. : 21
Dis. / Ant. : 3m ANT 2016 9168 710 Ant. pol. : VERTICAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 23.6°C/58% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11n HT40 2437MHzTx Mode
M/N:MEP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable		Emission		
			Loss (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)
1	51.340	20.47	0.85	2.34	23.66	40.00	16.34
2	158.040	19.73	1.38	2.89	24.00	43.50	19.50
3	527.610	24.42	2.90	2.01	29.33	46.00	16.67
4	672.140	26.61	3.52	1.96	32.09	46.00	13.91
5	791.450	28.22	4.08	2.13	34.43	46.00	11.57
6	893.300	29.20	4.57	1.59	35.36	46.00	10.64

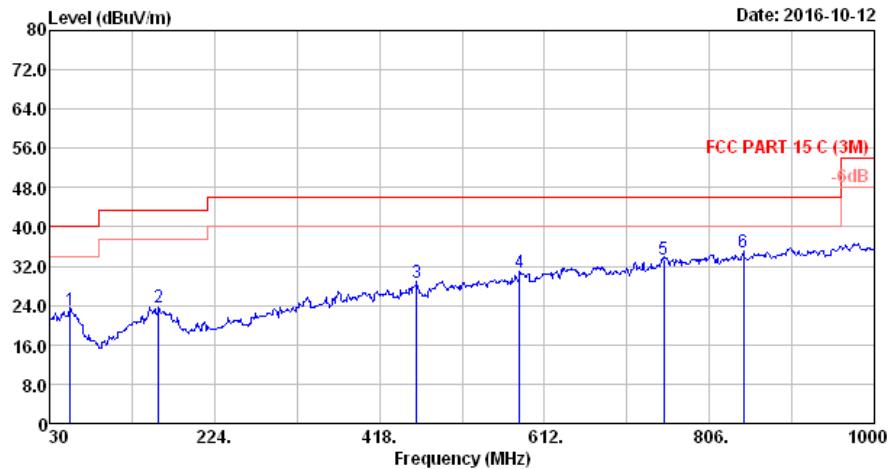
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 22 File: C:\Documents and Settings\Administrator\桌面\20160930-rf.EM6 (24)

Date: 2016-10-12



Site no. : 10m Chamber Data no. : 22
Dis. / Ant. : 3m ANT 2016 9168 710 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 23.6°C/58% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11n HT40 2437MHzTx Mode
M/N:MEP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable		Emission		
			Loss (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)
1	54.250	20.31	0.86	1.88	23.05	40.00	16.95
2	158.040	19.73	1.38	2.64	23.75	43.50	19.75
3	461.650	23.52	2.67	2.34	28.53	46.00	17.47
4	582.900	25.47	3.13	2.02	30.62	46.00	15.38
5	752.650	27.90	3.88	1.55	33.33	46.00	12.67
6	845.770	28.61	4.37	1.89	34.87	46.00	11.13

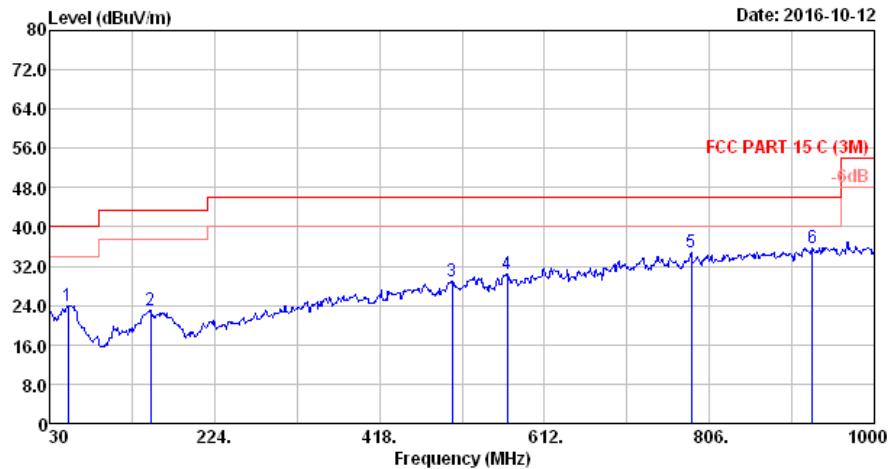
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 23 File: C:\Documents and Settings\Administrator\桌面\20160930-rf.EM6 (24)

Date: 2016-10-12



Site no. : 10m Chamber Data no. : 23
Dis. / Ant. : 3m ANT 2016 9168 710 Ant. pol. : VERTICAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 23.6°C/58% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11n HT40 2452MHzTx Mode
M/N:MEP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable		Emission		
			Loss (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)
1	51.340	20.47	0.85	2.64	23.96	40.00	16.04
2	149.310	19.66	1.35	1.94	22.95	43.50	20.55
3	503.360	24.01	2.81	2.01	28.83	46.00	17.17
4	568.350	25.12	3.06	2.20	30.38	46.00	15.62
5	784.660	28.25	4.05	2.42	34.72	46.00	11.28
6	927.250	29.71	4.66	1.47	35.84	46.00	10.16

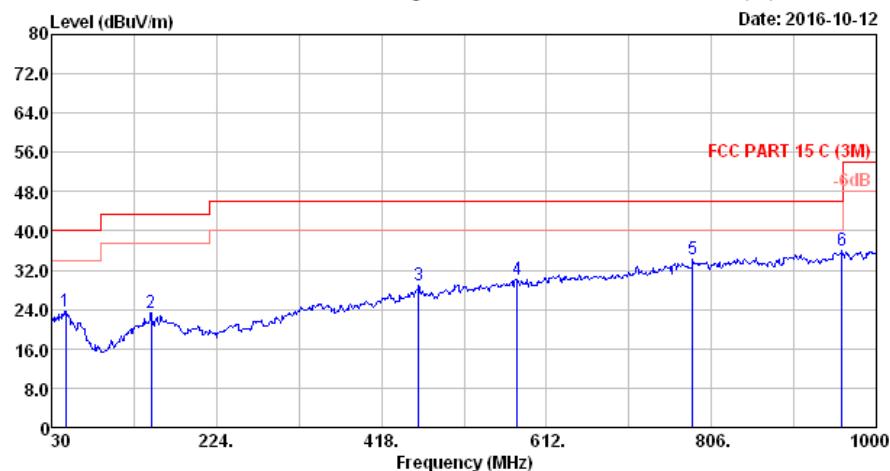
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 24 File: C:\Documents and Settings\Administrator\桌面\20160930-rf.EM6 (24)

Date: 2016-10-12



Site no. : 10m Chamber Data no. : 24
Dis. / Ant. : 3m ANT 2016 9168 710 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 23.6°C/58% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11n HT40 2452MHzTx Mode
M/N:MEP81SN

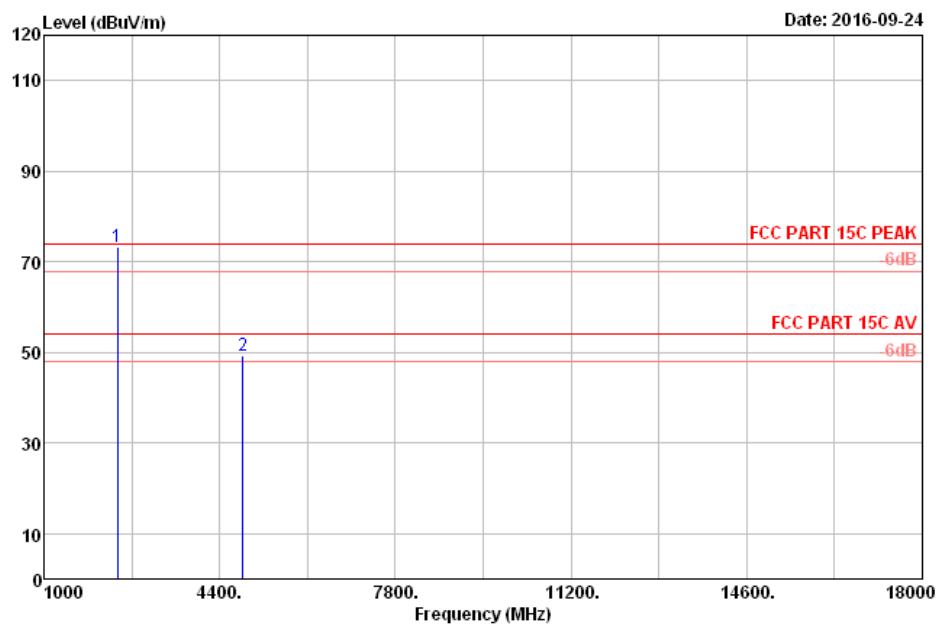
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable		Emission		
			Loss (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)
1	46.490	20.48	0.81	2.37	23.66	40.00	16.34
2	147.370	19.62	1.34	2.40	23.36	43.50	20.14
3	461.650	23.52	2.67	2.60	28.79	46.00	17.21
4	578.050	25.40	3.11	1.72	30.23	46.00	15.77
5	783.690	28.25	4.04	1.81	34.10	46.00	11.90
6	959.260	29.99	4.73	1.26	35.98	46.00	10.02

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

1GHz - 18GHz



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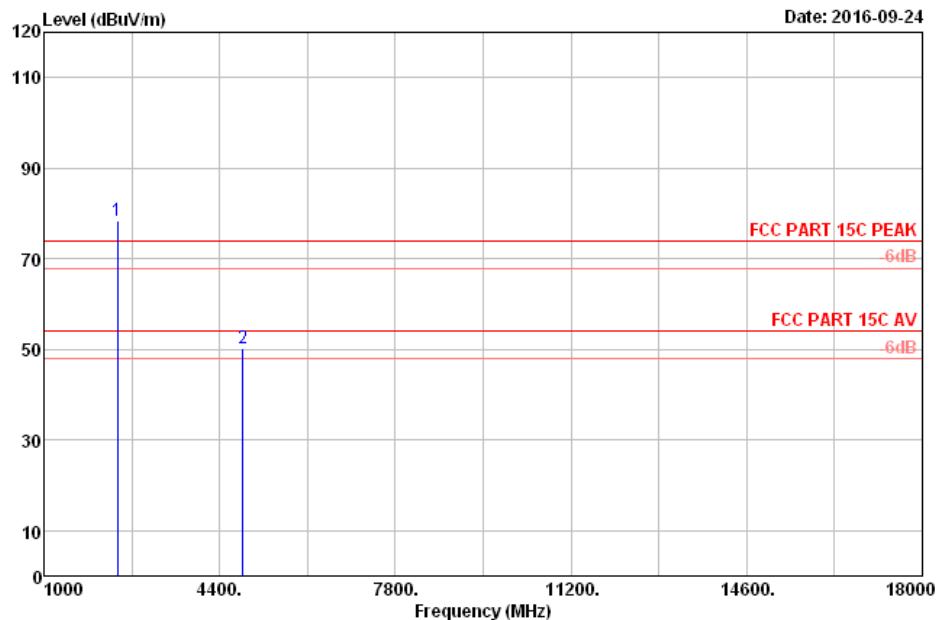
Site no. : 3m Chamber Data no. : 54
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK Pre. : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via AAA*2 batteries
Test Mode : IEEE802.11nHT40 2422MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2422.00	28.31	8.36	73.02	36.38	73.31	74.00	0.69	Peak
2	4844.00	33.19	11.78	40.03	35.68	49.32	74.00	24.68	Peak

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



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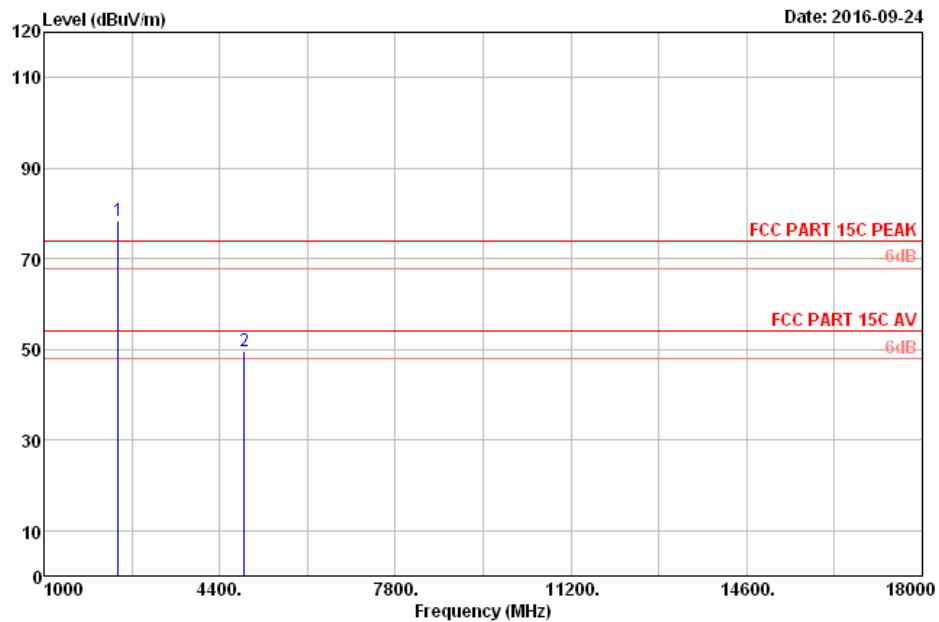
Site no. : 3m Chamber Data no. : 56
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11nHT40 2422MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2422.00	28.31	8.36	78.05	36.38	78.34	74.00	-4.34	Peak
2	4844.00	33.19	11.78	40.85	35.68	50.14	74.00	23.86	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.



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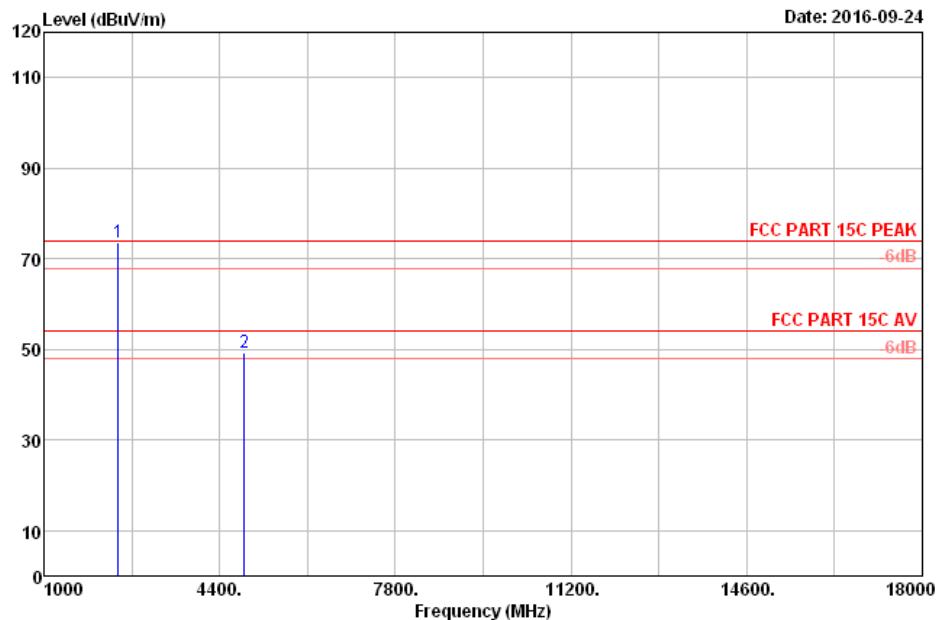
Site no. : 3m Chamber Data no. : 58
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11nHT40 2437MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	28.32	8.38	78.09	36.38	78.41	74.00	-4.41	Peak
2	4874.00	33.25	11.80	40.11	35.69	49.47	74.00	24.53	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.



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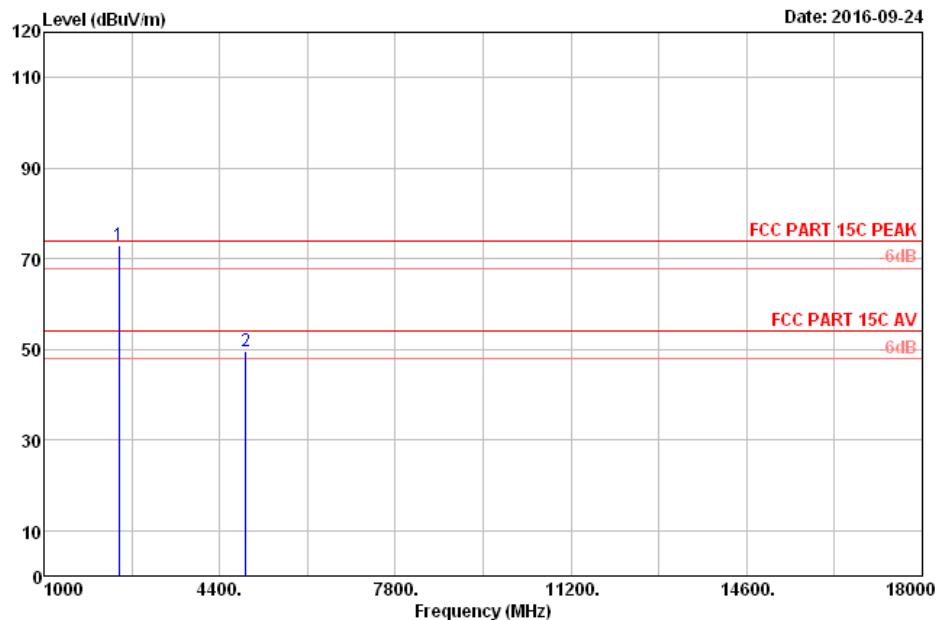
Site no. : 3m Chamber Data no. : 60
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11nHT40 2437MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	28.32	8.38	73.25	36.38	73.57	74.00	0.43	Peak
2	4874.00	33.25	11.80	40.08	35.69	49.44	74.00	24.56	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.



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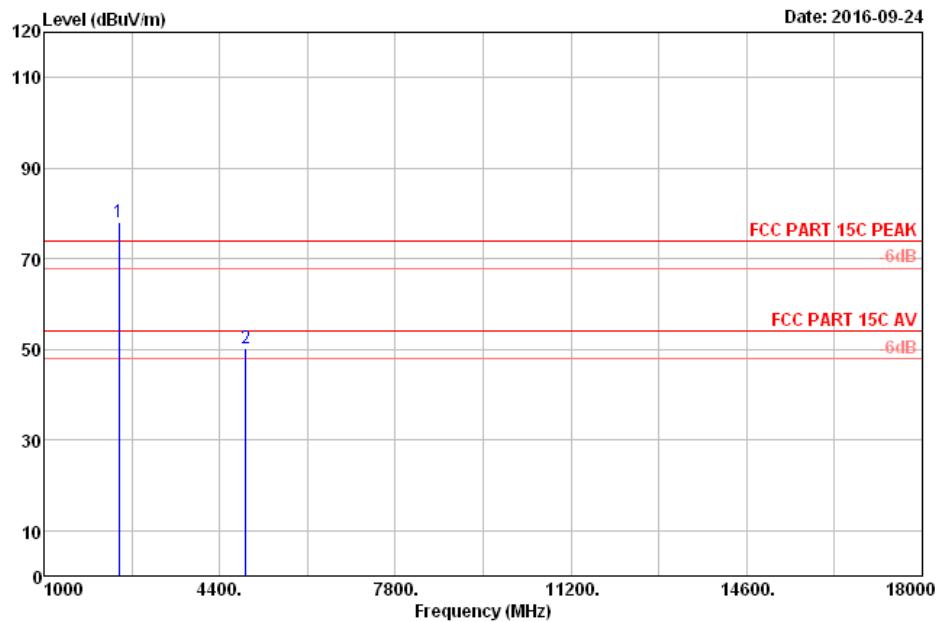
Site no. : 3m Chamber Data no. : 62
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11nHT40 2452MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2452.00	28.34	8.39	72.58	36.38	72.93	74.00	1.07	Peak
2	4904.00	33.31	11.82	40.12	35.70	49.55	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.



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Site no. : 3m Chamber Data no. : 64
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11nHT40 2452MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2452.00	28.34	8.39	77.86	36.38	78.21	74.00	-4.21	Peak
2	4904.00	33.31	11.82	40.67	35.70	50.10	74.00	23.90	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.

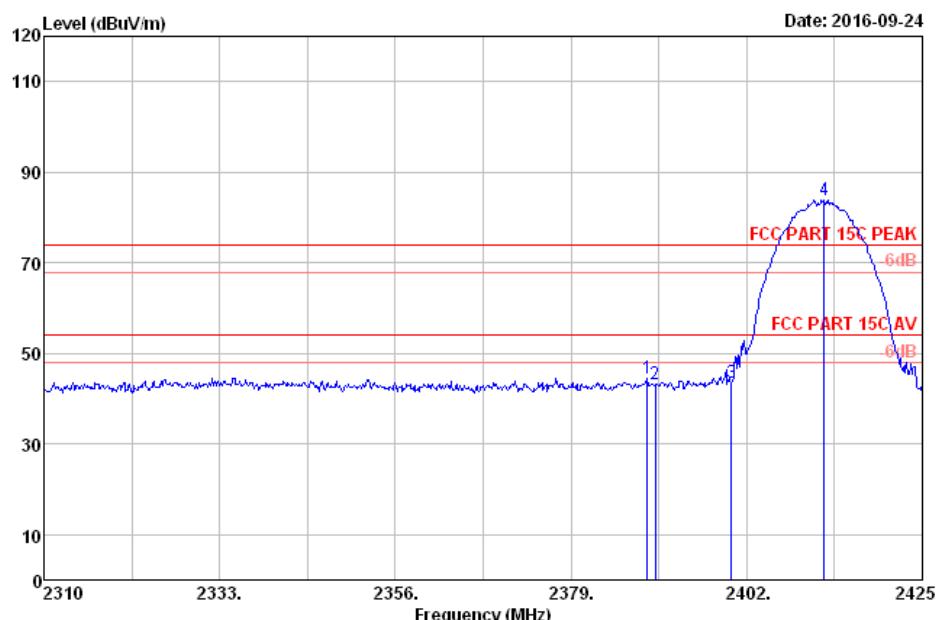
Appendix B.2: Test Results of Radiated Emissions in Restricted Bands

Wi-Fi 802.11 b mode, 11 Mbps

Low channel



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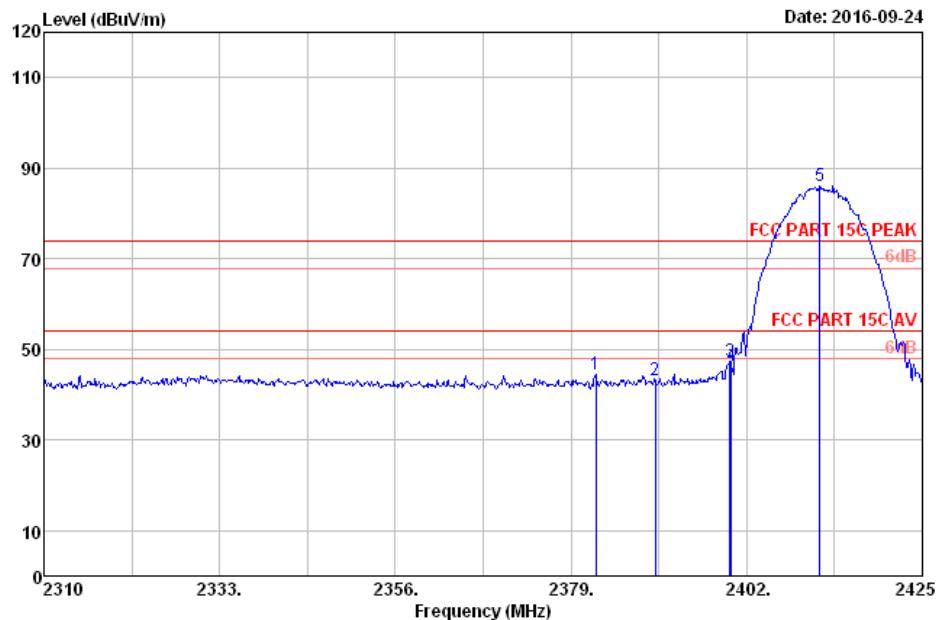
Site no. : 3m Chamber Data no. : 1
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6*C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via AAA*2 batteries
Test Mode : IEEE802.11b 2412MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2389.01	28.27	8.33	44.41	36.39	44.62	74.00	29.38	Peak
2	2390.00	28.27	8.33	42.86	36.39	43.07	74.00	30.93	Peak
3	2400.00	28.28	8.34	43.23	36.39	43.46	74.00	30.54	Peak
4	2412.12	28.29	8.35	83.66	36.39	83.91	74.00	-9.91	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.



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Site no. : 3m Chamber Data no. : 2
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via AAA*2 batteries
Test Mode : IEEE802.11b 2412MHz Tx
M/N:MBP81SN

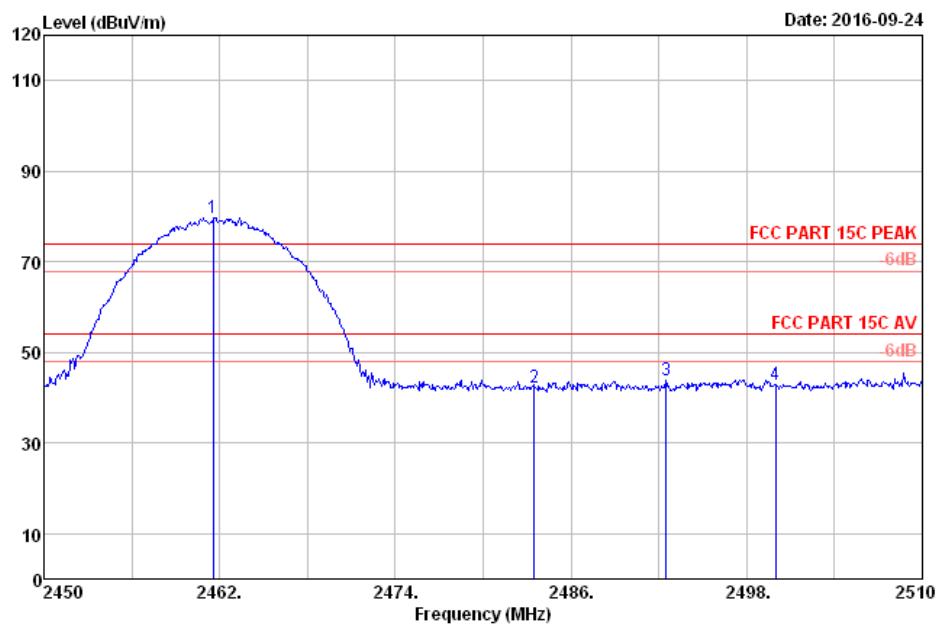
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2382.22	28.26	8.32	44.41	36.39	44.60	74.00	29.40	Peak
2	2390.00	28.27	8.33	42.87	36.39	43.08	74.00	30.92	Peak
3	2399.82	28.28	8.34	47.01	36.39	47.24	74.00	26.76	Peak
4	2400.00	28.28	8.34	46.28	36.39	46.51	74.00	27.49	Peak
5	2411.55	28.29	8.35	85.79	36.39	86.04	74.00	-12.04	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.

High channel



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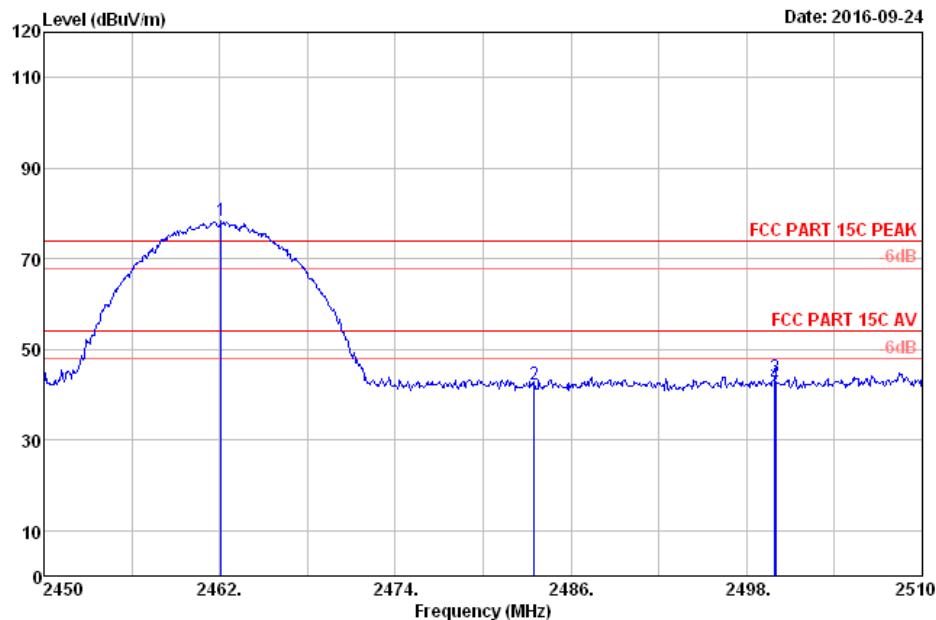
Site no. : 3m Chamber Data no. : 3
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK Pre. : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via AAA*2 batteries
Test Mode : IEEE802.11b 2462MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuW/m)	Limits (dBuW/m)	Margin (dB)	Remark
1	2461.58	28.35	8.40	79.31	36.38	79.68	74.00	-5.68	Peak
2	2483.50	28.38	8.42	41.98	36.38	42.40	74.00	31.60	Peak
3	2492.48	28.39	8.43	43.55	36.38	43.99	74.00	30.01	Peak
4	2500.00	28.40	8.44	42.32	36.38	42.78	74.00	31.22	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.



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Site no. : 3m Chamber Data no. : 4
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via AAA*2 batteries
Test Mode : IEEE802.11b 2462MHz Tx
M/N:MBP81SN

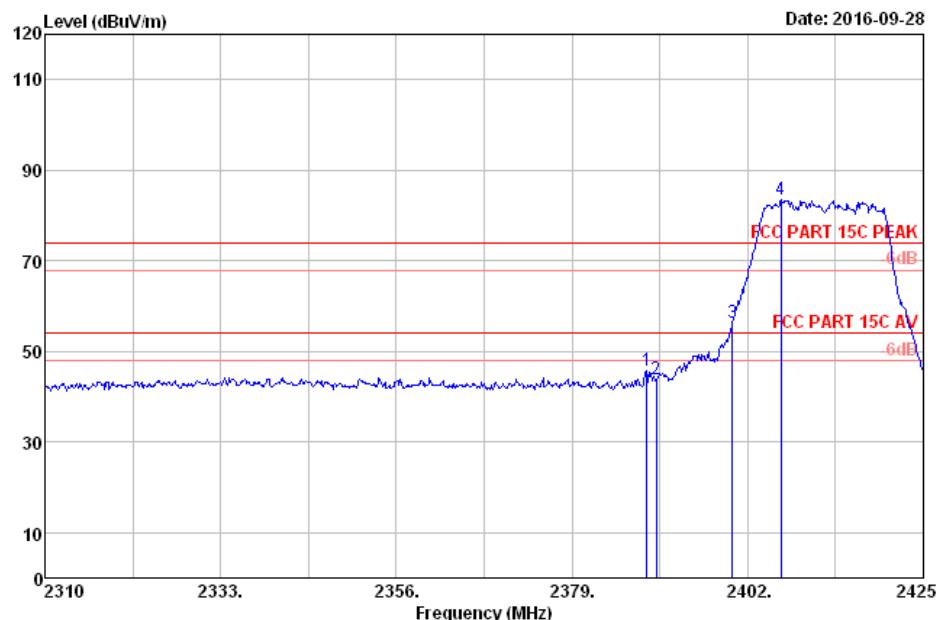
No.	Ant. (MHz)	Cable Factor (dB/m)	Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.12	28.35	8.40	77.98	36.38	78.35	74.00	-4.35	Peak
2	2483.50	28.38	8.42	41.94	36.38	42.36	74.00	31.64	Peak
3	2499.92	28.40	8.44	43.51	36.38	43.97	74.00	30.03	Peak
4	2500.00	28.40	8.44	41.72	36.38	42.18	74.00	31.82	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.

Wi-Fi 802.11 g mode, 54 Mbps
Low channel



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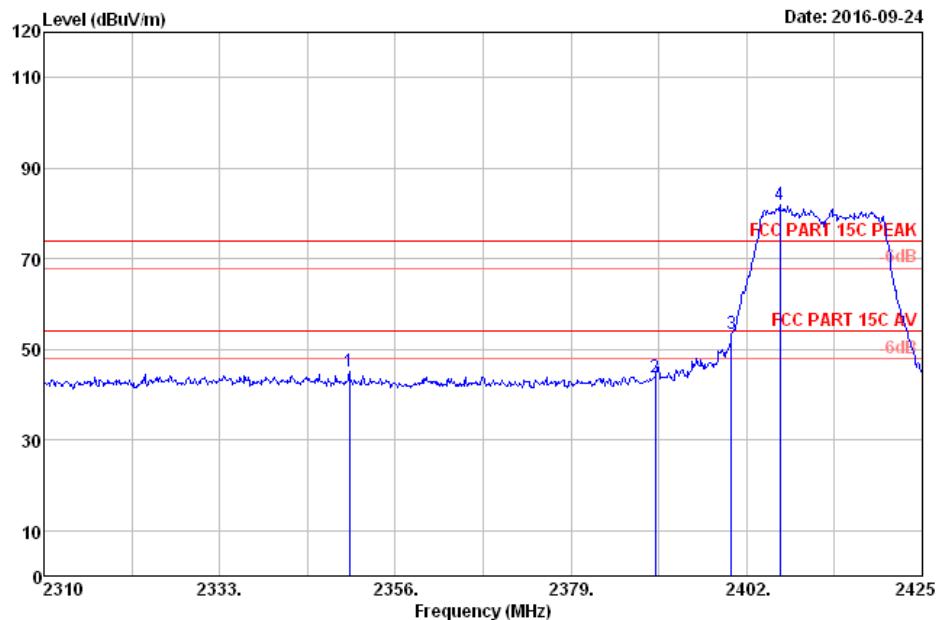
Site no. : 3m Chamber Data no. : 5
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0W via 'AAA'*2 batteries
Test Mode : IEEE802.11g 2412MHz Tx
M/N:MEP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2388.78	28.27	8.33	45.39	36.39	45.60	74.00	28.40	Peak
2	2390.00	28.27	8.33	43.53	36.39	43.74	74.00	30.26	Peak
3	2400.00	28.28	8.34	56.07	36.39	56.30	74.00	17.70	Peak
4	2406.37	28.29	8.34	83.24	36.39	83.48	74.00	-9.48	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.



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Site no. : 3m Chamber Data no. : 6
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUI : Smart Nursery Alert Sensor
Power rating : DC 3.0V via AAA*2 batteries
Test Mode : IEEE802.11g 2412MHz Tx
M/N:MBP81SN

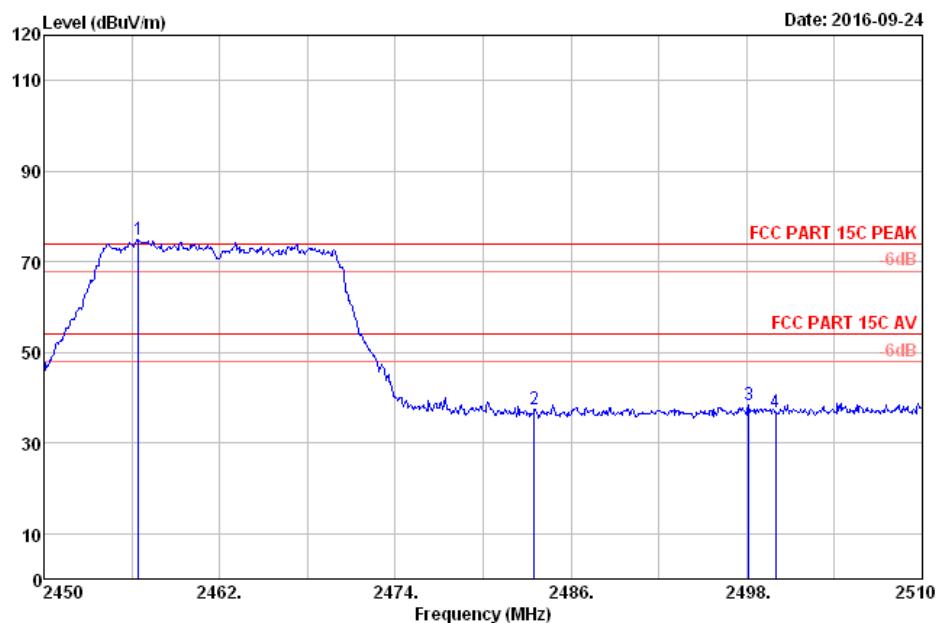
No.	Ant. (MHz)	Cable Factor (dB/m)	Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2350.02	28.22	8.29	44.84	36.39	44.96	74.00	29.04	Peak
2	2390.00	28.27	8.33	43.61	36.39	43.82	74.00	30.18	Peak
3	2400.00	28.28	8.34	53.08	36.39	53.31	74.00	20.69	Peak
4	2406.37	28.29	8.34	81.60	36.39	81.84	74.00	-7.84	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.

High channel



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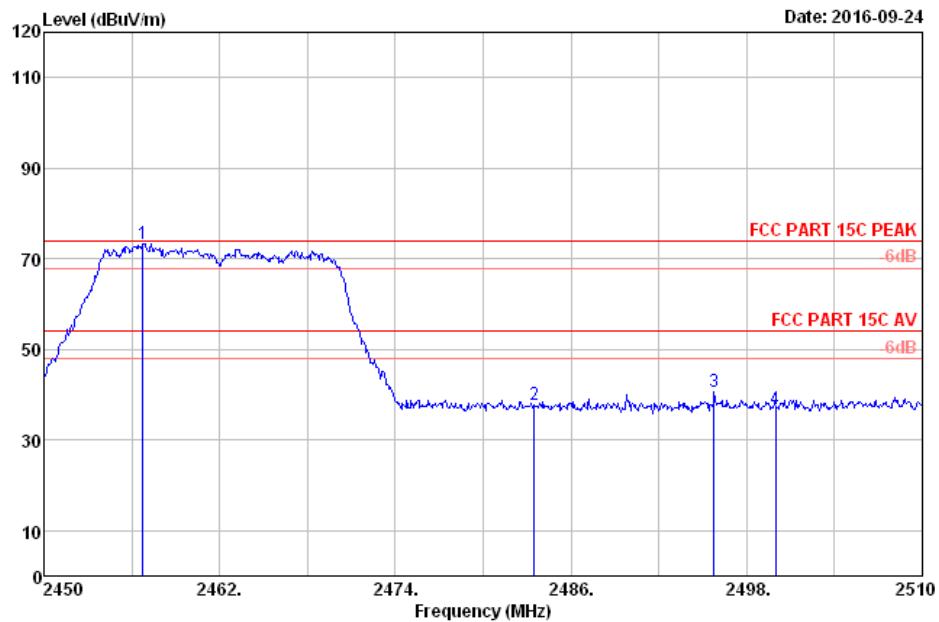
Site no. : 3m Chamber Data no. : 7
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via AAA*2 batteries
Test Mode : IEEE802.11g 2462MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuW/m)	Limits (dBuW/m)	Margin (dB)	Remark
1	2456.48	28.35	8.40	74.50	36.38	74.87	74.00	-0.87	Peak
2	2483.50	28.38	8.42	37.08	36.38	37.50	74.00	36.50	Peak
3	2498.12	28.40	8.44	38.03	36.38	38.49	74.00	35.51	Peak
4	2500.00	28.40	8.44	36.24	36.38	36.70	74.00	37.30	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.



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Site no. : 3m Chamber Data no. : 8
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUI : Smart Nursery Alert Sensor
Power rating : DC 3.0V via AAA*2 batteries
Test Mode : IEEE802.11g 2462MHz Tx
M/N:MBP81SN

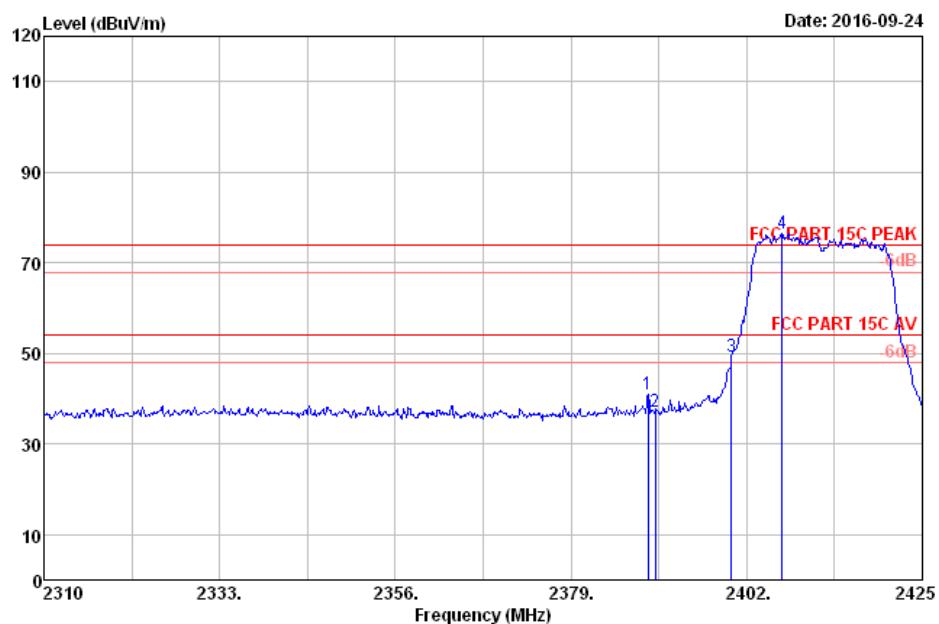
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2456.78	28.35	8.40	72.86	36.38	73.23	74.00	0.77	Peak
2	2483.50	28.38	8.42	37.45	36.38	37.87	74.00	36.13	Peak
3	2495.78	28.39	8.44	40.09	36.38	40.54	74.00	33.46	Peak
4	2500.00	28.40	8.44	36.48	36.38	36.94	74.00	37.06	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.

Wi-Fi 802.11 n(HT20) mode, MCS7 Mbps
Low channel



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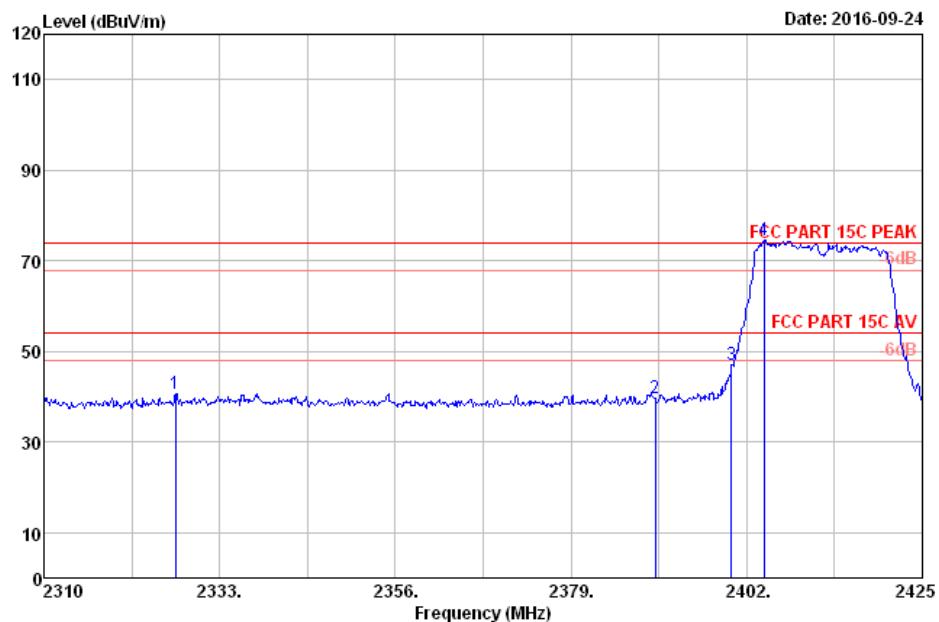
Site no. : 3m Chamber Data no. : 9
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0W via 'AAA'*2 batteries
Test Mode : IEEE802.11nHT20 2412MHz Tx
M/N:MEP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2389.12	28.27	8.33	40.68	36.39	40.89	74.00	33.11	Peak
2	2390.00	28.27	8.33	36.99	36.39	37.20	74.00	36.80	Peak
3	2400.00	28.28	8.34	48.93	36.39	49.16	74.00	24.84	Peak
4	2406.60	28.29	8.34	76.21	36.39	76.45	74.00	-2.45	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.



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Site no. : 3m Chamber Data no. : 10
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUI : Smart Nursery Alert Sensor
Power rating : DC 3.0V via AAA*2 batteries
Test Mode : IEEE802.11nHT20 2412MHz Tx
M/N:MBP81SN

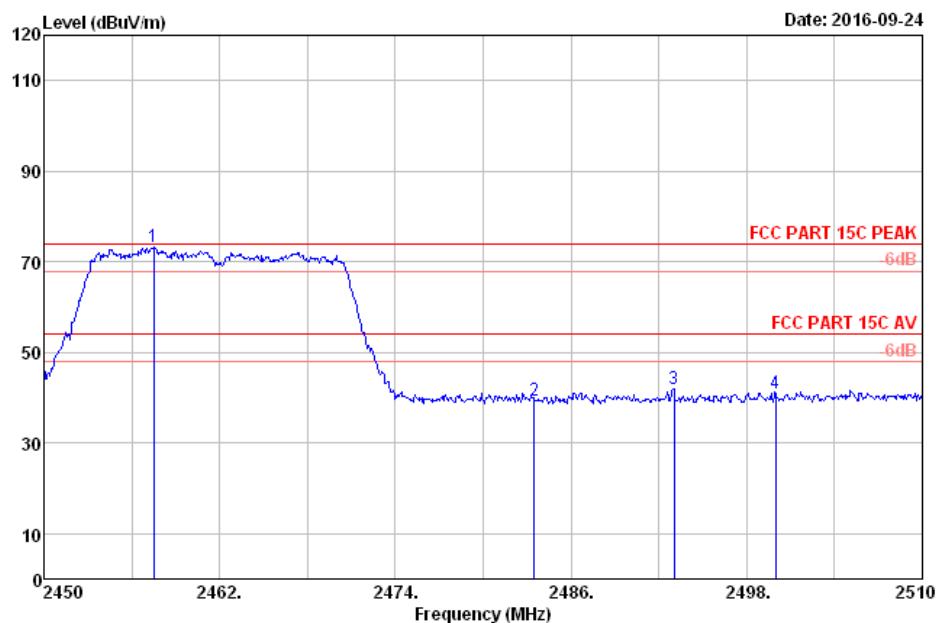
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2327.25	28.19	8.26	40.70	36.39	40.76	74.00	33.24	Peak
2	2390.00	28.27	8.33	39.37	36.39	39.58	74.00	34.42	Peak
3	2400.00	28.28	8.34	46.88	36.39	47.11	74.00	26.89	Peak
4	2404.30	28.29	8.34	74.45	36.39	74.69	74.00	-0.69	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.

High channel



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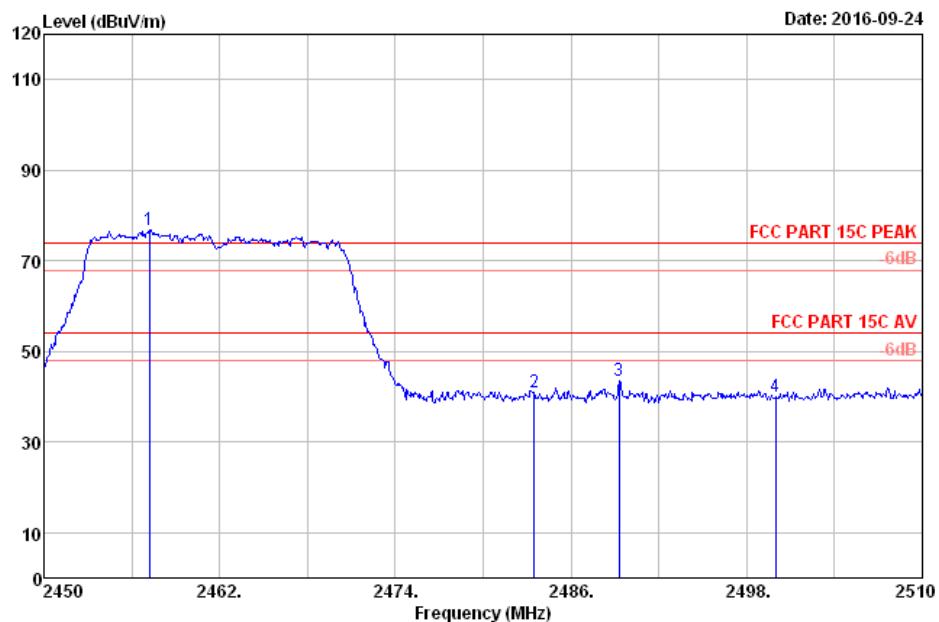
Site no. : 3m Chamber Data no. : 11
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via AAA*2 batteries
Test Mode : IEEE802.11nHT20 2462MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuW/m)	Limits (dBuW/m)	Margin (dB)	Remark
1	2457.50	28.35	8.40	72.76	36.38	73.13	74.00	0.87	Peak
2	2483.50	28.38	8.42	38.97	36.38	39.39	74.00	34.61	Peak
3	2493.02	28.39	8.43	41.46	36.38	41.90	74.00	32.10	Peak
4	2500.00	28.40	8.44	40.36	36.38	40.82	74.00	33.18	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.



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Site no. : 3m Chamber Data no. : 12
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11nHT20 2462MHz Tx
M/N:MBP81SN

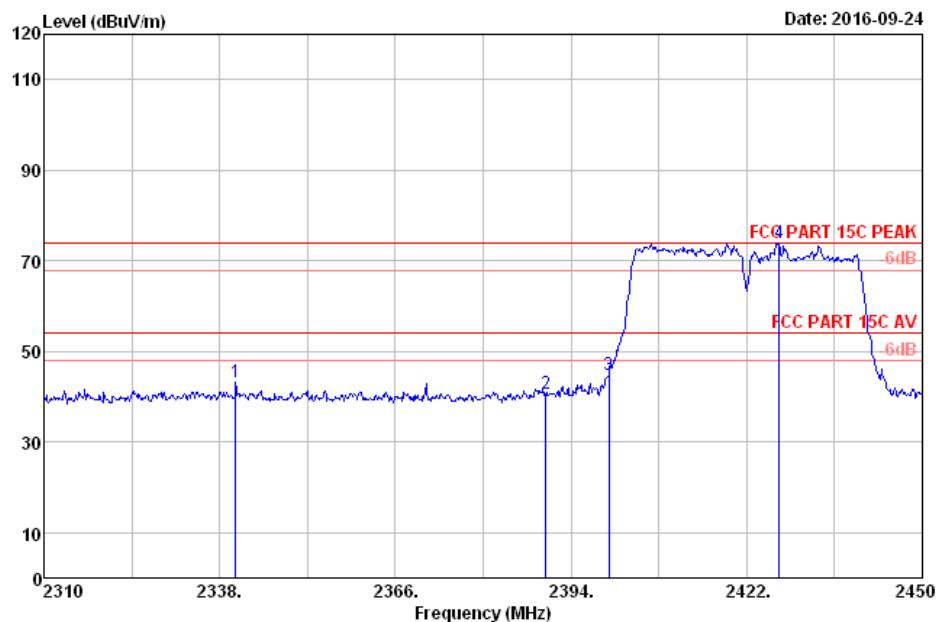
No.	Ant. (MHz)	Cable Factor (dB/m)	Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2457.20	28.35	8.40	76.48	36.38	76.85	74.00	-2.85	Peak
2	2483.50	28.38	8.42	40.44	36.38	40.86	74.00	33.14	Peak
3	2489.30	28.39	8.43	43.17	36.38	43.61	74.00	30.39	Peak
4	2500.00	28.40	8.44	39.40	36.38	39.86	74.00	34.14	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.

Wi-Fi 802.11 n(HT40) mode, MCS7 Mbps
Low channel



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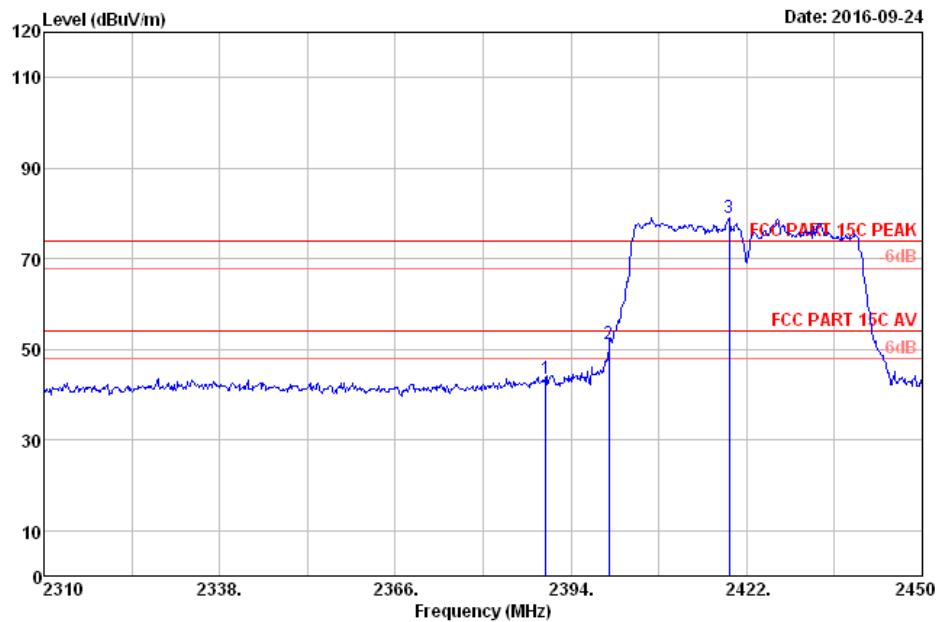
Site no. : 3m Chamber Data no. : 13
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0W via 'AAA'*2 batteries
Test Mode : IEEE802.11nHT40 2422MHz Tx
M/N:MEP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2340.52	28.21	8.28	42.95	36.39	43.05	74.00	30.95	Peak
2	2390.00	28.27	8.33	40.45	36.39	40.66	74.00	33.34	Peak
3	2400.00	28.28	8.34	44.61	36.39	44.84	74.00	29.16	Peak
4	2427.18	28.31	8.37	73.75	36.38	74.05	74.00	-0.05	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.



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Site no. : 3m Chamber Data no. : 14
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via 'AAA'*2 batteries
Test Mode : IEEE802.11nHT40 2422MHz Tx
M/N:MBP81SN

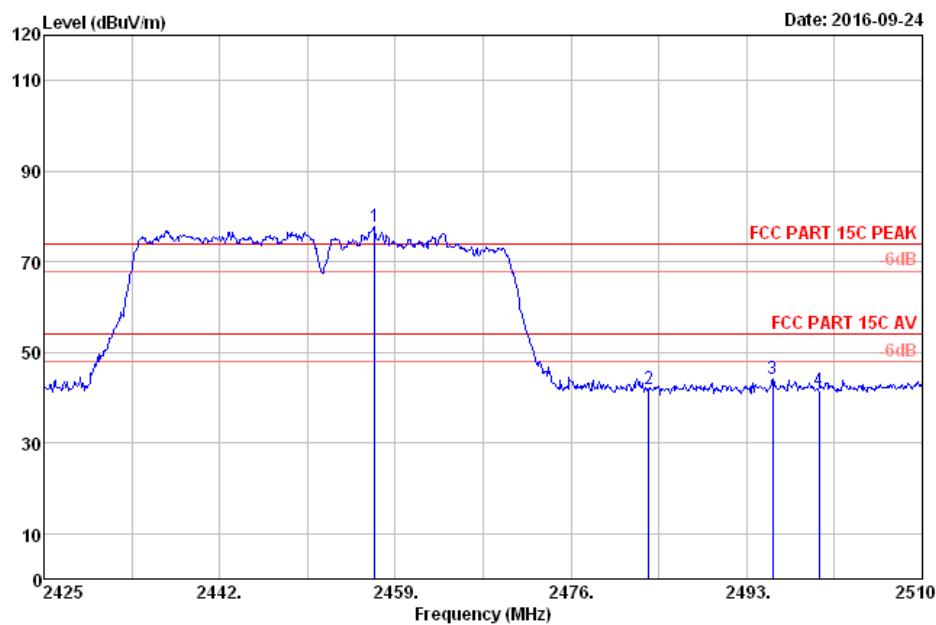
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.27	8.33	43.32	36.39	43.53	74.00	30.47	Peak
2	2400.00	28.28	8.34	50.83	36.39	51.06	74.00	22.94	Peak
3	2419.20	28.30	8.36	78.72	36.38	79.00	74.00	-5.00	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.

High channel



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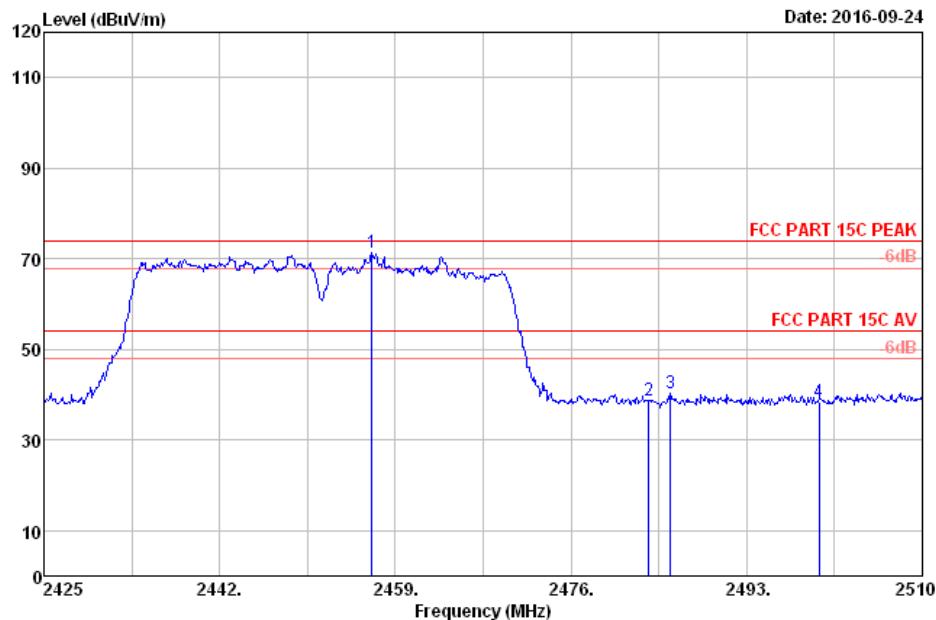
Site no. : 3m Chamber Data no. : 15
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6°C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via AAA*2 batteries
Test Mode : IEEE802.11nHT40 2452MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2457.05	28.35	8.40	77.29	36.38	77.66	74.00	-3.66	Peak
2	2483.50	28.38	8.42	41.47	36.38	41.89	74.00	32.11	Peak
3	2495.55	28.39	8.44	43.80	36.38	44.25	74.00	29.75	Peak
4	2500.00	28.40	8.44	41.14	36.38	41.60	74.00	32.40	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.



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Site no. : 3m Chamber Data no. : 16
Dis. / Ant. : 3m 2015 3115-4877 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK Pre : 101.2kPa
Env. / Ins. : 22.6*C/51.2% Engineer : Lynn
EUT : Smart Nursery Alert Sensor
Power rating : DC 3.0V via AAA*2 batteries
Test Mode : IEEE802.11nHT40 2452MHz Tx
M/N:MBP81SN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	AMP factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2456.71	28.35	8.40	71.04	36.38	71.41	74.00	2.59	Peak
2	2483.50	28.38	8.42	38.21	36.38	38.63	74.00	35.37	Peak
3	2485.61	28.38	8.43	39.77	36.38	40.20	74.00	33.80	Peak
4	2500.00	28.40	8.44	38.08	36.38	38.54	74.00	35.46	Peak

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