

APPLICATION FOR CERTIFICATION

On Behalf of

Texas Instruments Incorporated

TI-Nspire CX Wireless Network Adapter v2

Model No. : TINAVWNA2

Brand : TEXAS INSTRUMENTS

FCC ID : V7R-TINAVWNA2

Prepared for

Texas Instruments Incorporated

12500 TI Boulevard Dallas, TX 75243-4136 USA

Prepared by

Audix Technology (Wujiang) Co., Ltd. EMC Dept.

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Report Number : ACWE-F1305001A

Date of Test : Apr.10~15, 2016

Date of Report : Apr.27, 2016

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TEST REPORT CERTIFICATION

Applicant : Texas Instruments Incorporated
 Manufacturer : Inventec Appliances(Pudong) Corporation
 EUT Description : TI-Nspire CX Wireless Network Adapter v2
 FCC ID : V7R-TINAVWNA2
 (A) Model No. : TINAVWNA2
 (B) Brand : TEXAS INSTRUMENTS
 (C) Power Supply : DC 3.7V (Supplied by NSC)
 (D) Test Voltage : DC 3.7V

Applicable Standards:

FCC RULES AND REGULATIONS PART 15 SUBPART C (Section 15.247)
ANSI C63.10-2013
KDB 558074 D01 DTS Meas Guidance v03r05

The device described above was tested by Audix Technology (Wujiang) Co., Ltd. EMC Dept. to determine the maximum emission levels emanating from the device. The maximum emission levels were compared to the FCC Part 15 subpart C section 15.207, 15.205, 15.209&15.247 limits.

The measurement results are contained in this test report and Audix Technology (Wujiang) Co., Ltd. EMC Dept. is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliant with the FCC limits.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Audix Technology (Wujiang) Co., Ltd. EMC Dept.

Date of Test: Apr.10~15, 2016

Date of Report: Apr.27, 2016

Prepared by :


 (Emma Hu/Assistant Administrator)

Reviewer :


 (Danny Sun/Section Manager)

Approved & Authorized Signer :


 (Ken Lu/ Assistant General Manager)

1. Description of Version

Edition No.	Date of Rev.	Summary	Report No.
0	May 10, 2013	Original Report.	ACWE-F1305001
Rev. A	Apr.23, 2016	Update the standard from ANSI C63.10-2009 to ANSI C63.10-2013	ACWE-F1305001A

2. SUMMARY OF MEASUREMENTS AND RESULTS

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

Description of Test Item	Standard	Results
RADIATED EMISSION	FCC 47 CFR Part 15 Subpart C/ Section 15.209& Section 15.205 ANSI C63.10	PASS
6 dB BANDWIDTH	FCC 47 CFR Part 15 Subpart C/ Section 15.247(a)(2) ANSI C63.10	PASS
OUTPUT POWER	FCC 47 CFR Part 15 Subpart C/ Section 15.247(b)(3) ANSI C63.10	PASS
BAND EDGES	FCC 47 CFR Part 15 Subpart C/ Section 15.247(d) ANSI C63.10	PASS
POWER SPECTRAL DENSITY	FCC 47 CFR Part 15 Subpart C/ Section 15.247(e) ANSI C63.10	PASS
EMISSION LIMITATIONS	FCC 47 CFR Part 15 Subpart C/ Section 15.247(d) ANSI C63.10	PASS

3. GENERAL INFORMATION

3.1. Description of Device (EUT)

Description	:	TI-Nspire CX Wireless Network Adapter v2
Model No.	:	TINAVWNA2
FCC ID	:	V7R-TINAVWNA2
Brand	:	TEXAS INSTRUMENTS
Applicant	:	Texas Instruments Incorporated 12500 TI Boulevard Dallas, TX 75243-4136 USA
Manufacturer	:	Inventec Appliances(Pudong) Corporation No. 789 Pu Xing Road, Shanghai, PRC
Radio Technology	:	DSSS &OFDM
Antenna Gain	:	1.5dBi
Type of Network		IEEE 802.11a/b/g/n HT20
Fundamental Range	:	2400 MHz -2483.5MHz
Tested Frequency	:	2412MHz (Channel 1) 2437MHz (Channel 6) 2462MHz (Channel 11)
Date of Receipt of Sample	:	Mar.24, 2016
Date of Test	:	Apr.10~15, 2016

3.2. UUT's Configuration

Test UUT	:	UUT×1
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3.3. Operating Condition of EUT

3.3.1. Set up the EUT as test setup diagram.

3.3.2. For all test measurement items, keep the EUT be powered by NSC, Drive the test software “TI-Nspire Computer Link Software v1.1.9182”, let the EUT operate wireless TX activity under measurement.

3.4. Tested Supporting System Details

3.4.1. TI-nspire CX CAS (NSC)

Manufacturer	:	TI
Brand	:	TEXAS INSTRUMENTS

3.4.2. TI-nspire CX Navigator Access point

Manufacturer	:	TI
Brand	:	TEXAS INSTRUMENTS
Model No.	:	TINAVAP3-2

3.4.3. Laptop Computer

Manufacturer	:	DELL
Model Number	:	PP26L
Serial Number	:	JX193A01
FCC ID	:	FCC By DoC
Power Cord	:	Unshielded, Detachable, 1.5 m
AC Adapter	:	M/N: LA65NS1-00
		Brand: DELL
		Input: AC 100-240V, 50-60Hz, 1.5A
		Output: DC 19.5V,3.34A
		DC Cord: Unshielded, Undetachable,
		2.0m, 1 ferrite core.

3.5. Description of Test Facility

Name of Firm : **Audix Technology (Wujiang) Co., Ltd. EMC Dept.**

Site Location : No. 1289 Jiangxing East Road, the Eastern Part of Wujiang Economic Development Zone
Jiangsu China 215200

Test Facilities : **No.1 Conducted Shielding Enclosure**

No.1 3m Semi-anechoic Chamber
Date of Validity: Mar.30, 2018
FCC Registration No.: 897661
IC Registration No.:5183D-2

RF Fully Chamber

NVLAP Lab Code : 200786-0
Valid until on Sep. 30, 2016
(NVLAP is a signatory member of ILAC MRA)
Remark: This report shall not be imply endorsement, certification or approval by NVLAP, NIST, or any agency of the U.S. Federal Government.

3.6. Measurement Uncertainty

Test Item	Range Frequency	Uncertainty
No.1 Conducted Disturbance Measurement	0.15MHz ~ 30MHz	$\pm 2.65\text{dB}$
Radiated Disturbance Measurement (At 3m Chamber)	30MHz ~ 300MHz	$\pm 3.18\text{dB}$
	300MHz ~ 1GHz	$\pm 3.12\text{dB}$
Radiated Disturbance Measurement (At 3m Chamber)	1GHz ~ 6GHz	$\pm 4.56\text{dB}$
	6GHz ~ 18GHz	$\pm 5.03\text{dB}$

Remark: Uncertainty = $k_{uc}(y)$

Test Item	Uncertainty
6 dB Bandwidth	$\pm 0.16\text{ MHz}$
Maximum Peak Output Power	$\pm 0.12\text{dB}$
Band Edges	$\pm 0.38\text{dB}$
Power Spectral Density	$\pm 0.38\text{dB}$
Emission Limitations	$\pm 0.38\text{dB}$

Remark: Uncertainty = $k_{uc}(y)$

4. RADIATED EMISSION MEASUREMENT

4.1. Test Equipment

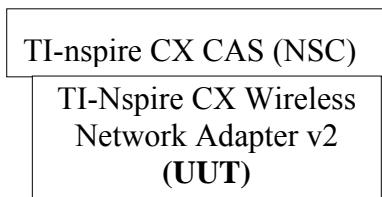
The following test equipment was used during the radiated emission measurement:

At 3m Semi-Anechoic Chamber

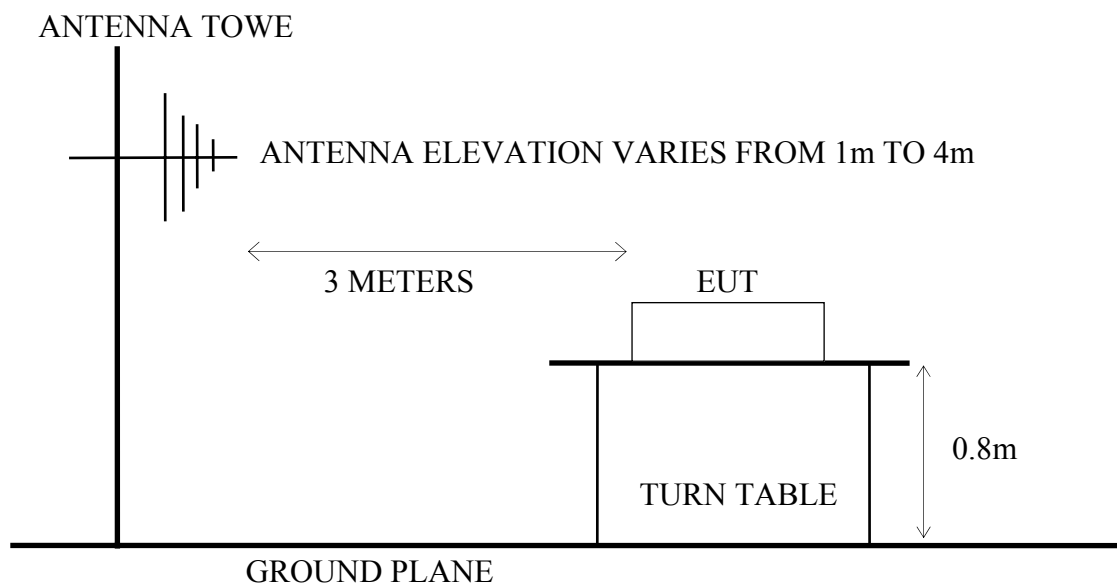
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Preamplifier	Agilent	8449B	3008A02233	2016-01-05	2017-01-04
2.	Preamplifier	Agilent	8447D	2944A10921	2015-07-03	2016-07-02
3.	PXA Signal Analyzer	Agilent	N9030A	MY53120367	2015-06-23	2016-06-22
4.	Test Receiver	R&S	ESCI	100361	2016-01-05	2017-01-04
5.	Bi-log Antenna	Schaffner	CBL6112D	22250	2015-09-02	2016-09-01
6.	Horn Antenna	EMCO	3115	62960	2015-06-30	2016-05-29
7.	RF Cable #1	Yuhang CSYH	cable-3m	001(0.5m)	2016-01-05	2017-01-04
8.	RF Cable #2	Yuhang CSYH	cable-3m	002(0.5m)	2016-01-05	2017-01-04
9.	RF Cable #3	Yuhang CSYH	cable-3m	003(3.0m)	2016-01-05	2017-01-04
10.	Software	Audix/e3(6.7.0313)				

4.2. Block Diagram of Test Setup

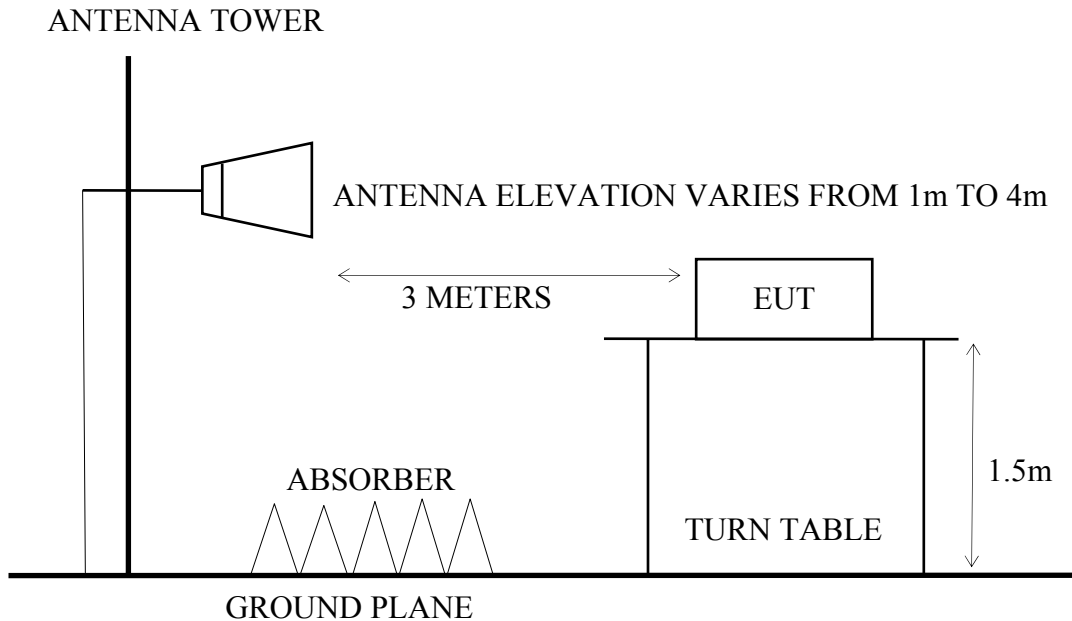
4.2.1. Block Diagram of Test Setup between EUT and simulators



4.2.2. No. 1 3m Semi-Anechoic Chamber Setup Diagram (Test distance: 3m) for 30-1000MHz



4.2.3. No. 1 30m Semi-Anechoic Chamber Setup Diagram (Test distance: 3m) for above 1GHz



4.3. Radiated Emission Limits

4.3.1. Radiated Emission Limits (FCC Part15 C, section 15.209,CISPR22)

Frequency MHz	Distance Meters	Field Strengths Limits
		dB μ V/m
30 ~ 88	3	40.0
88~216	3	43.5
216~960	3	46
960~1000	3	54
Above 1G	3	74.0 dB μ V/m (Peak) 54.0 dB μ V/m (Average)

Remark : (1) Emission level (dB μ V/m) = 20 log Emission level (μ V/m)
 (2)The tighter limit applies at the edge between two frequency bands.

4.4. Test Procedure

The measuring process is according to ANSI C63.10 and laboratory internal procedure TKC-301-024. (For FCC Part15 Subpart C)

In the radiated disturbance measurement, the EUT and all simulators were set up on a non-metallic turn table which was 0.8 meters (or 1.5m for above 1GHz) above the ground plane. Measurement distance between EUT and receiving antennas was set at 10 meters at 30MHz~1000MHz and 3 meters at above 1GHz. The specified distance is the distance between the antennas and the closest periphery of EUT. During the radiated measurement, the EUT was rotated 360° and receiving antennas were moved from 1 ~ 4 meters for finding maximum emission. Two receiving antennas were used for both horizontal and vertical polarization detection for 30MHz~1GHz, One receiving antennas was used for both horizontal and vertical polarization detection for above 1GHz (the absorbing material was added when testing of above 1GHz was done). All cables or wires placement were verified to find out the maximum emission.

The bandwidth of measuring receiver (or spectrum analyzer) was set to:

RBW (120 kHz), VBW (300 kHz) for QP detector below 1GHz

RBW (1 MHz), VBW (1MHz) for Peak detector above 1GHz

RBW (1 MHz), VBW (10 Hz) for Average detector above 1GHz

The frequency range from 30MHz to 10th harmonic(25GHz) are checked, and no any emission were found from(18GHz to 25GHz)

The emission level is calculated automatically by the test system which uses the following equation :

1. For 30-1000MHz measurement:
Emission Level (dB μ V/m) =Reading (dB μ V)+Antenna Factor (dB/m)+Cable Loss (dB)
2. For Above 1GHz measurement:
Emission Level (dB μ V/m) = Reading (dB μ V)+Antenna Factor (dB/m)+Cable Loss(dB)
-Pre-amplifier factor (dB μ V)

4.5. Measurement Results

PASSED

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

4.5.1. For Restricted Bands:

The EUT was tested in restricted bands and all the test results are listed in section 4.6 & 4.7.
(The restricted bands defined in part 15.205(a))

Test Date : Apr.11, 2016 Temperature : 20.7°C Humidity : 43%

For Frequency range: below 1GHz

No.	Test Mode and Frequency			Reference Test Data No.	
				Horizontal	Vertical
1.	Transmitting	802.11b	2412MHz (Channel 1)	# 125	# 126
2.			2437MHz (Channel 6)	# 127	# 128
3.			2462MHz (Channel 11)	# 129	# 130
4.		802.11g	2412MHz (Channel 1)	# 131	# 132
5.			2437MHz (Channel 6)	# 133	# 134
6.			2462MHz (Channel 11)	# 135	# 136
7.		802.11n HT20	2412MHz (Channel 1)	# 137	# 138
8.			2437MHz (Channel 6)	# 139	# 140
9.			2462MHz (Channel 11)	# 141	# 142

For Frequency range: above 1GHz

No.	Test Mode and Frequency			Reference Test Data No.	
				Horizontal	Vertical
1.	Transmitting	802.11b	2412MHz (Channel 1)	# 41, # 42	# 43, # 44
2.			2437MHz (Channel 6)	# 45, # 46	# 47, # 48
3.			2462MHz (Channel 11)	# 49, # 50	# 51, # 52
4.		802.11g	2412MHz (Channel 1)	# 53, # 54	# 55, # 56
5.			2437MHz (Channel 6)	# 57, # 58	# 59, # 60
6.			2462MHz (Channel 11)	# 61, # 62	# 63, # 64
7.		802.11n HT20	2412MHz (Channel 1)	# 65, # 66	# 67, # 68
8.			2437MHz (Channel 6)	# 69, # 70	# 71, # 72
9.			2462MHz (Channel 11)	# 73, # 74	# 75, # 76

4.5.2. For Band Edge Emission

The EUT was tested in restricted bands and all the test results are listed in section 4.8. The restricted bands defined in part 15.205(a))

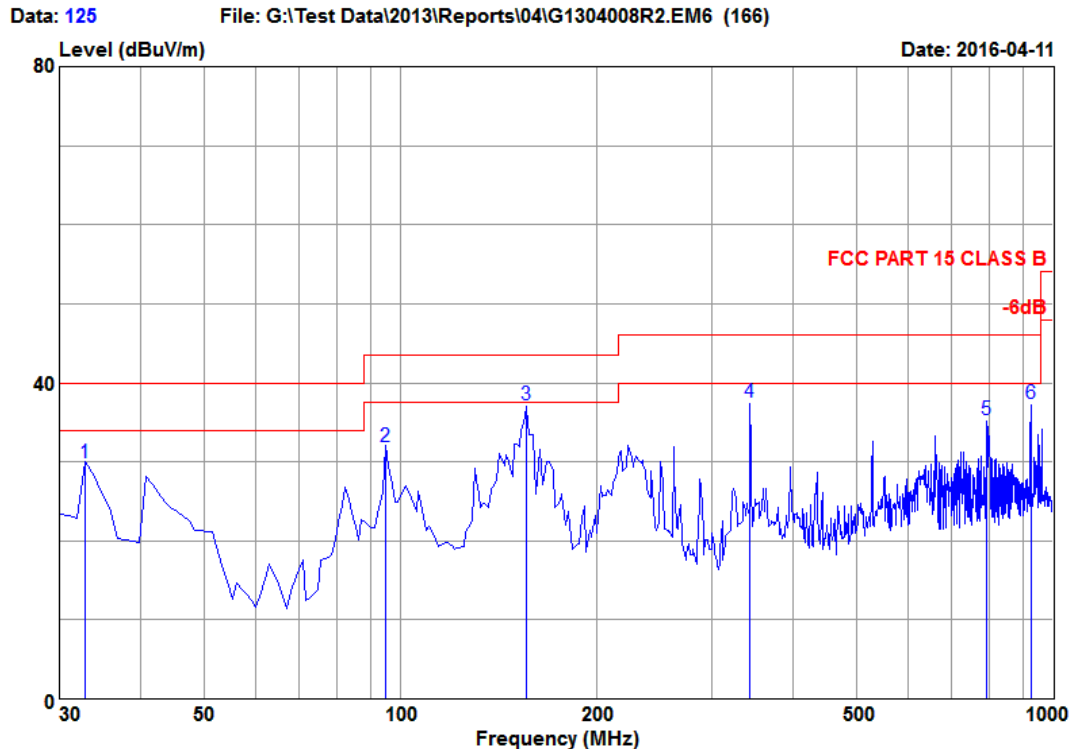
No.	Test Mode and Frequency			Reference Test Data No.	
				Horizontal	Vertical
1.	Transmitting	802.11b	2412MHz (Channel 1)	# 1 , # 3	# 2 , # 4
2.			2462MHz (Channel 11)	# 5 , # 7	# 6 , # 8
3.		802.11g	2412MHz (Channel 1)	# 9 , # 11	# 10, # 12
4.			2462MHz (Channel 11)	# 13 , # 15	# 14 , # 16
5.		802.11n HT20	2412MHz (Channel 1)	# 17 , # 19	# 18, # 20
6.			2462MHz (Channel 11)	# 21 , # 23	# 22, # 24

4.6. Restricted Bands Measurement Results (For Below 1GHz)

4.6.1. Type of Network : IEEE 802.11b



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 Economic Development Zone,JiangSu,China
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Site NO. : 3m Chamber Data NO. :125
 Dis. / Ant. : 3m 6112D(22253)-150805 Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 CLASS B
 Env. / Ins. : 20.7*43%/ESCI Engineer : Mickey
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating : DC 3.7V
 Test Mode : TX 802.11b CH1 2412MHz
 Memo :

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	32.91	17.94	0.49	38.72	29.81	40.00	10.19	QP
2	94.99	10.25	0.84	48.07	31.95	43.50	11.55	QP
3	156.10	11.15	1.09	51.86	37.12	43.50	6.38	QP
4	343.31	15.14	1.71	47.53	37.48	46.00	8.52	QP
5	792.42	20.73	2.80	39.65	35.38	46.00	10.62	QP
6	924.34	22.02	3.10	39.28	37.30	46.00	8.70	QP

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

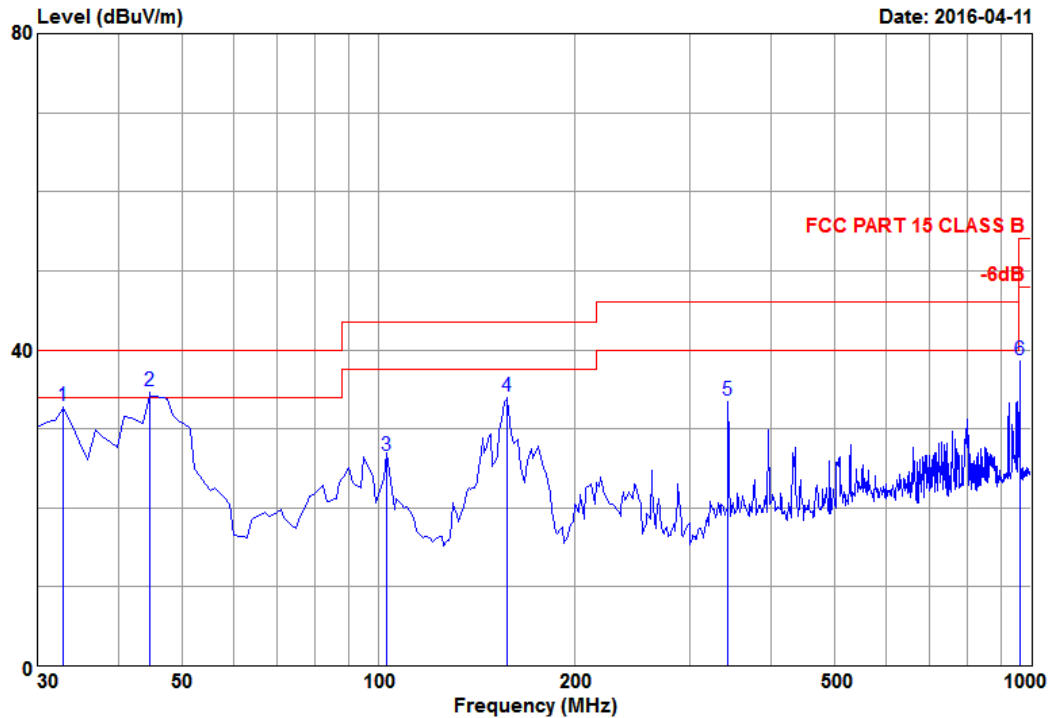


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Data: 126

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Chamber
 Dis. / Ant. : 3m 6112D(22253)-150805
 Limit : FCC PART 15 CLASS B
 Env. / Ins. : 20.7*43%/ESCI
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating : DC 3.7V
 Test Mode : TX 802.11b CH1 2412MHz
 Memo :

Data NO. :126
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	32.91	17.94	0.49	41.78	32.87	40.00	7.13	QP
2	44.55	11.80	0.57	49.80	34.86	40.00	5.14	QP
3	102.75	11.57	0.87	41.40	26.65	43.50	16.85	QP
4	157.07	11.09	1.09	48.98	34.19	43.50	9.31	QP
5	343.31	15.14	1.71	43.66	33.61	46.00	12.39	QP
6	960.23	22.34	3.22	40.20	38.80	54.00	15.20	QP

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

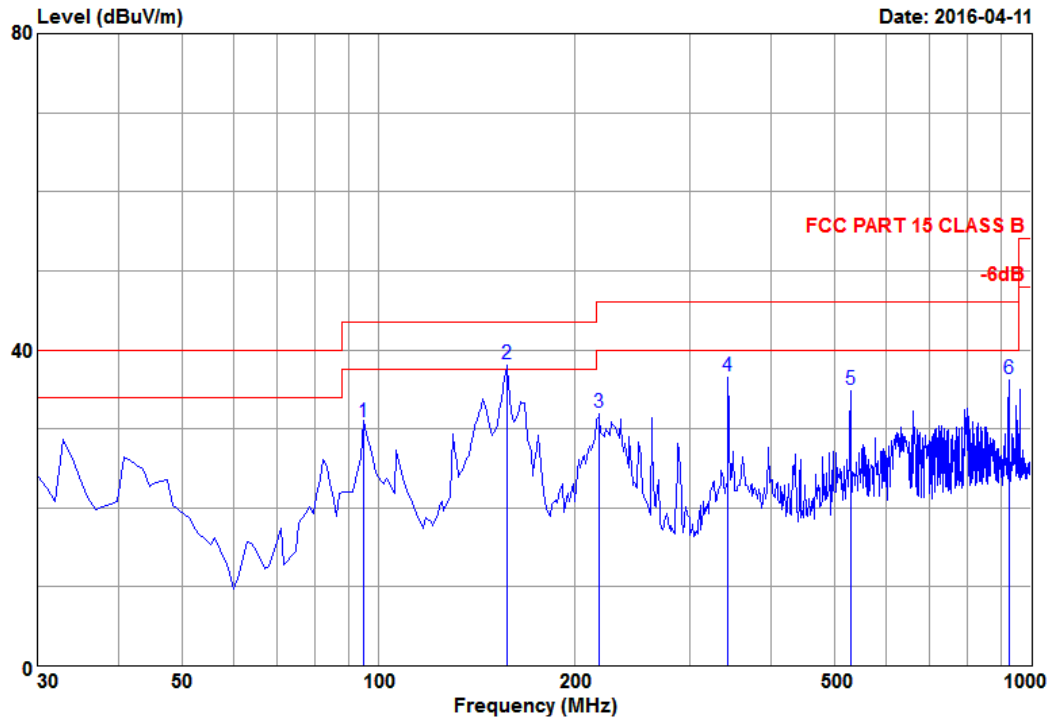


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Data: 127

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO.	: 3m Chamber	Data NO. :	127
Dis. / Ant.	: 3m 6112D(22253)-150805	Ant. pol. :	HORIZONTAL
Limit	: FCC PART 15 CLASS B	Engineer :	Mickey
Env. / Ins.	: 20.7*43%/ESCI		
EUT	: TI-nspire CX Wireless Network Adapter v2		
M/N	: TINAVWNA2		
Power Rating	: DC 3.7V		
Test Mode	: TX 802.11b CH6 2437MHz		
Memo	:		

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	94.99	10.25	0.84	47.04	30.92	43.50	12.58	QP
2	157.07	11.09	1.09	53.04	38.25	43.50	5.25	QP
3	218.18	10.74	1.32	46.83	32.13	46.00	13.87	QP
4	343.31	15.14	1.71	46.66	36.61	46.00	9.39	QP
5	528.58	18.47	2.20	42.07	34.91	46.00	11.09	QP
6	924.34	22.02	3.10	38.37	36.39	46.00	9.61	QP

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

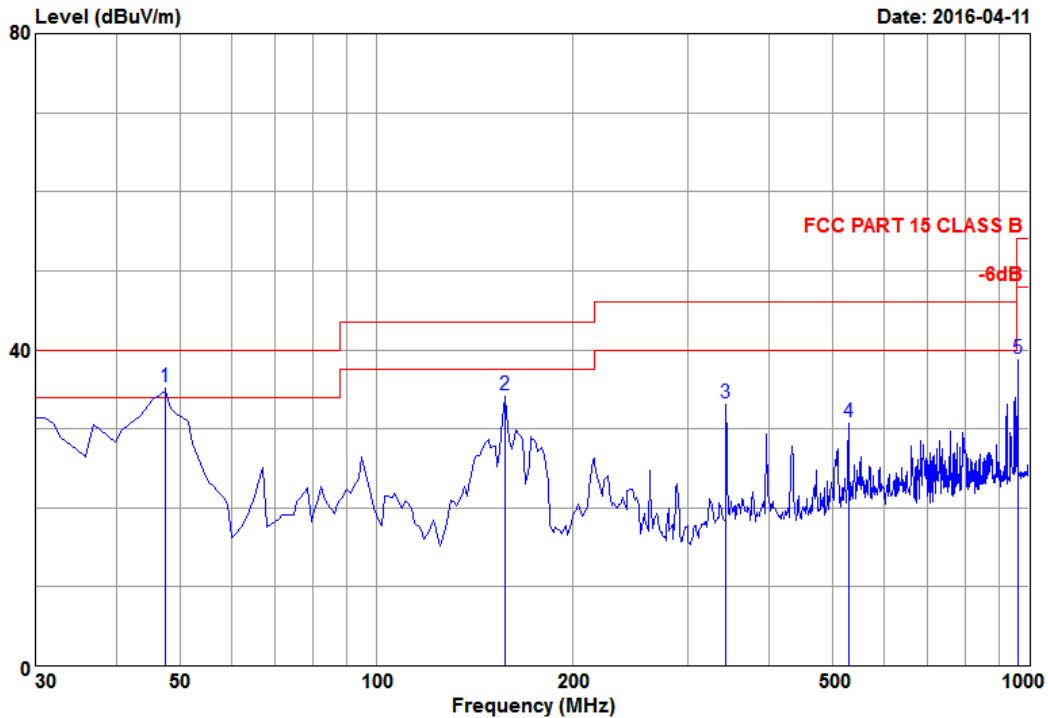


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Data: 128

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Chamber
 Dis. / Ant. : 3m 6112D(22253)-150805
 Limit : FCC PART 15 CLASS B
 Env. / Ins. : 20.7*43%/ESCI
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating : DC 3.7V
 Test Mode : TX 802.11b CH6 2437MHz
 Memo :

Data NO. :128
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	47.46	10.30	0.59	51.79	35.37	40.00	4.63	QP
2	157.07	11.09	1.09	49.06	34.27	43.50	9.23	QP
3	343.31	15.14	1.71	43.36	33.31	46.00	12.69	QP
4	528.58	18.47	2.20	37.99	30.83	46.00	15.17	QP
5	960.23	22.34	3.22	40.36	38.96	54.00	15.04	QP

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

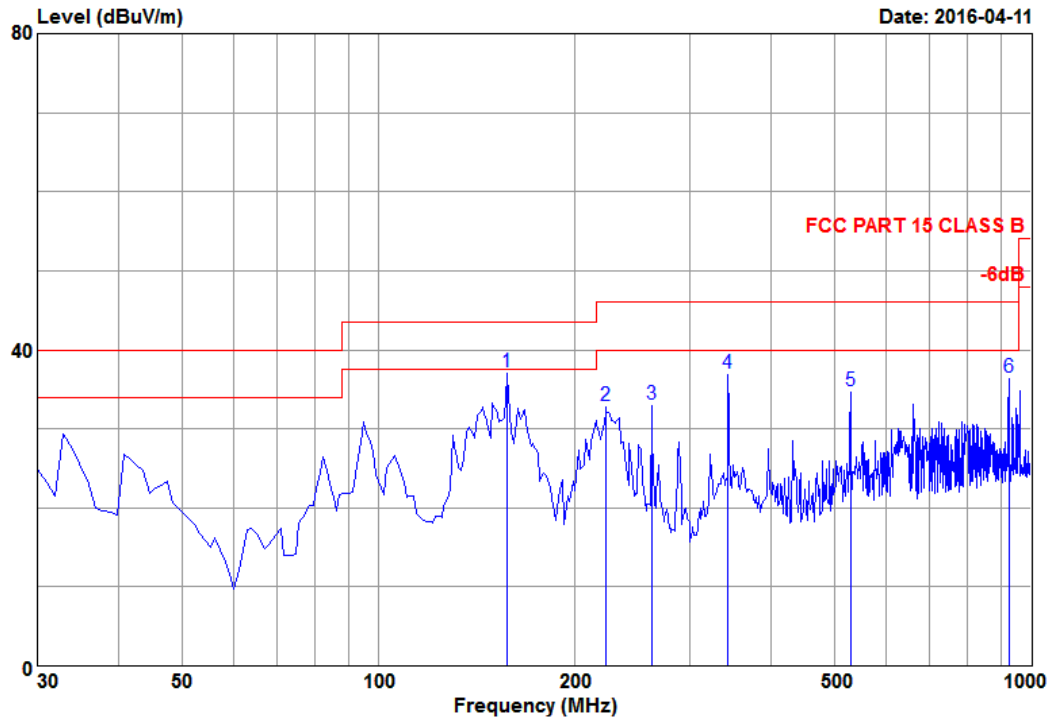


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Date: 2016-04-11



Site NO. : 3m Chamber
 Dis. / Ant. : 3m 6112D(22253)-150805
 Limit : FCC PART 15 CLASS B
 Env. / Ins. : 20.7*43%/ESCI
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating : DC 3.7V
 Test Mode : TX 802.11b CH11 2462MHz
 Memo :

Data NO. :129
 Ant. pol. : HORIZONTAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	157.07	11.09	1.09	52.01	37.22	43.50	6.28	QP
2	223.03	11.03	1.34	47.34	32.96	46.00	13.04	QP
3	261.83	13.96	1.47	44.33	33.08	46.00	12.92	QP
4	343.31	15.14	1.71	47.06	37.01	46.00	8.99	QP
5	528.58	18.47	2.20	42.00	34.84	46.00	11.16	QP
6	924.34	22.02	3.10	38.48	36.50	46.00	9.50	QP

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

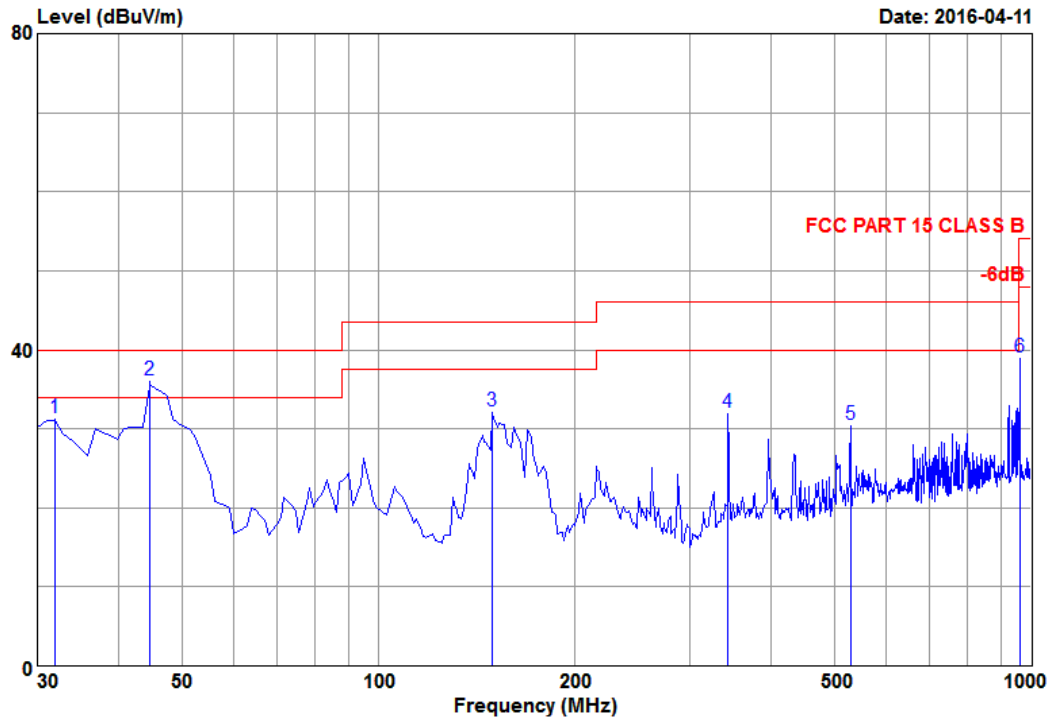


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Data: 130

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Chamber
 Dis. / Ant. : 3m 6112D(22253)-150805
 Limit : FCC PART 15 CLASS B
 Env. / Ins. : 20.7*43%/ESCI
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating : DC 3.7V
 Test Mode : TX 802.11b CH11 2462MHz
 Memo :

Data NO. :130
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	31.94	18.46	0.48	39.86	31.45	40.00	8.55	QP
2	44.55	11.80	0.57	51.12	36.18	40.00	3.82	QP
3	149.31	11.58	1.06	46.60	32.24	43.50	11.26	QP
4	343.31	15.14	1.71	42.11	32.06	46.00	13.94	QP
5	528.58	18.47	2.20	37.63	30.47	46.00	15.53	QP
6	960.23	22.34	3.22	40.51	39.11	54.00	14.89	QP

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

4.6.2. Type of Network : IEEE 802.11g

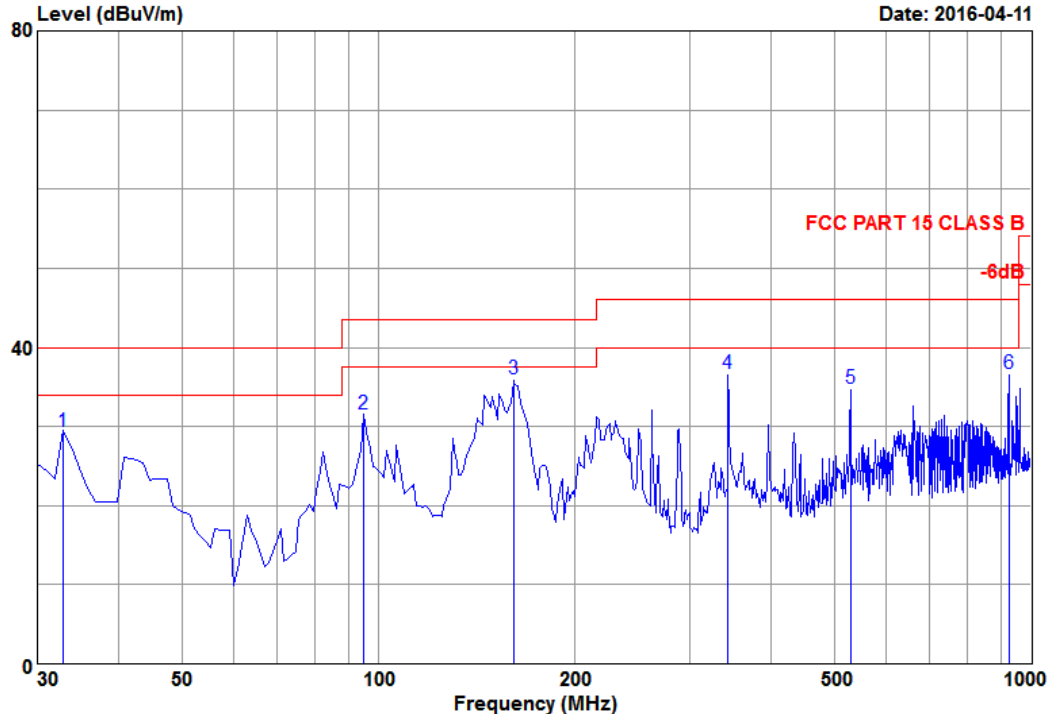


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Data: 131

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Chamber
 Dis. / Ant. : 3m 6112D(22253)-150805
 Limit : FCC PART 15 CLASS B
 Env. / Ins. : 20.7*43%/ESCI
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating : DC 3.7V
 Test Mode : TX 802.11g CH1 2412MHz
 Memo :
 Data NO. :131
 Ant. pol. : HORIZONTAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	32.91	17.94	0.49	38.29	29.38	40.00	10.62	QP
2	94.99	10.25	0.84	47.62	31.50	43.50	12.00	QP
3	160.95	10.84	1.10	50.99	35.97	43.50	7.53	QP
4	343.31	15.14	1.71	46.71	36.66	46.00	9.34	QP
5	528.58	18.47	2.20	41.90	34.74	46.00	11.26	QP
6	924.34	22.02	3.10	38.68	36.70	46.00	9.30	QP

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

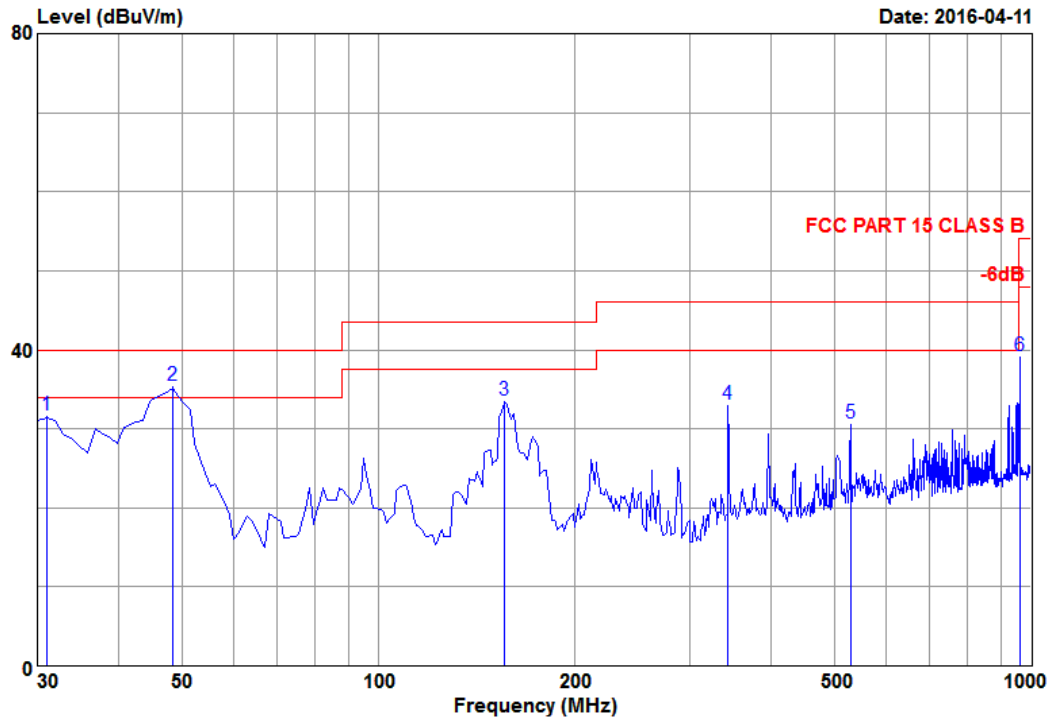


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Data: 132

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Chamber
 Dis. / Ant. : 3m 6112D(22253)-150805
 Limit : FCC PART 15 CLASS B
 Env. / Ins. : 20.7*43%/ESCI
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating : DC 3.7V
 Test Mode : TX 802.11g CH1 2412MHz
 Memo :

Data NO. :132
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	30.97	18.98	0.48	39.56	31.67	40.00	8.33	QP
2	48.43	9.80	0.60	52.46	35.56	40.00	4.44	QP
3	156.10	11.15	1.09	48.37	33.63	43.50	9.87	QP
4	343.31	15.14	1.71	43.11	33.06	46.00	12.94	QP
5	528.58	18.47	2.20	37.87	30.71	46.00	15.29	QP
6	960.23	22.34	3.22	40.72	39.32	54.00	14.68	QP

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

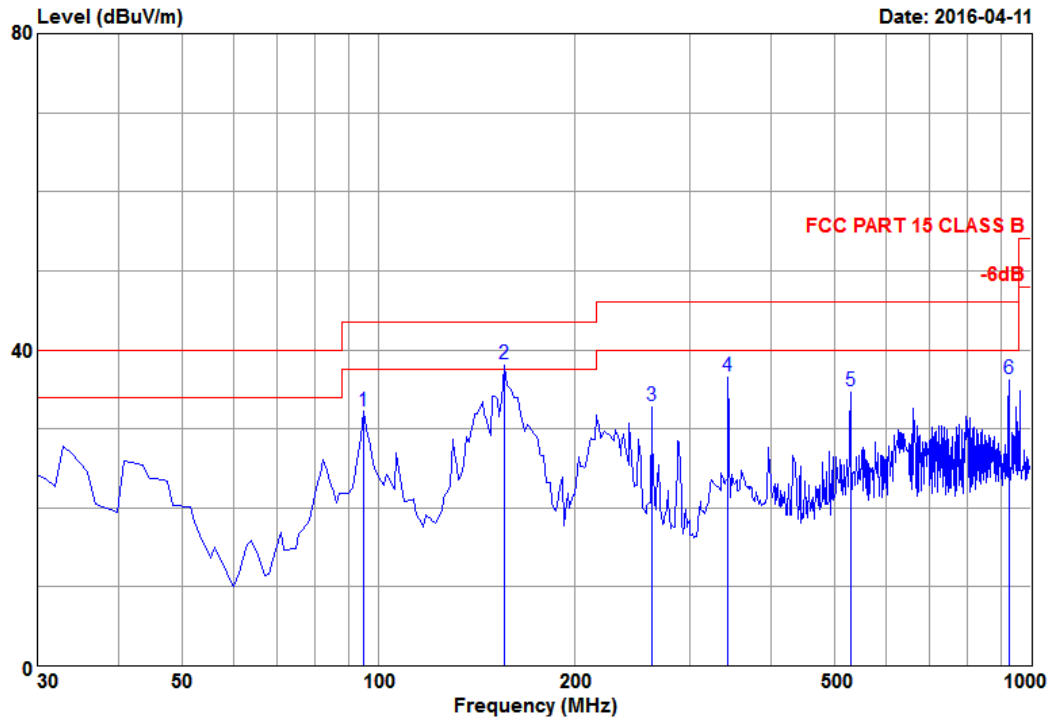


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Data: 133

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO.	: 3m Chamber	Data NO. :133
Dis. / Ant.	: 3m 6112D(22253)-150805	Ant. pol. : HORIZONTAL
Limit	: FCC PART 15 CLASS B	
Env. / Ins.	: 20.7*43%/ESCI	Engineer : Mickey
EUT	: TI-inspire CX Wireless Network Adapter v2	
M/N	: TINAVWNA2	
Power Rating	: DC 3.7V	
Test Mode	: TX 802.11g CH6 2437MHz	
Memo	:	

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	94.99	10.25	0.84	48.35	32.23	43.50	11.27	QP
2	156.10	11.15	1.09	53.00	38.26	43.50	5.24	QP
3	261.83	13.96	1.47	44.22	32.97	46.00	13.03	QP
4	343.31	15.14	1.71	46.66	36.61	46.00	9.39	QP
5	528.58	18.47	2.20	42.02	34.86	46.00	11.14	QP
6	924.34	22.02	3.10	38.23	36.25	46.00	9.75	QP

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

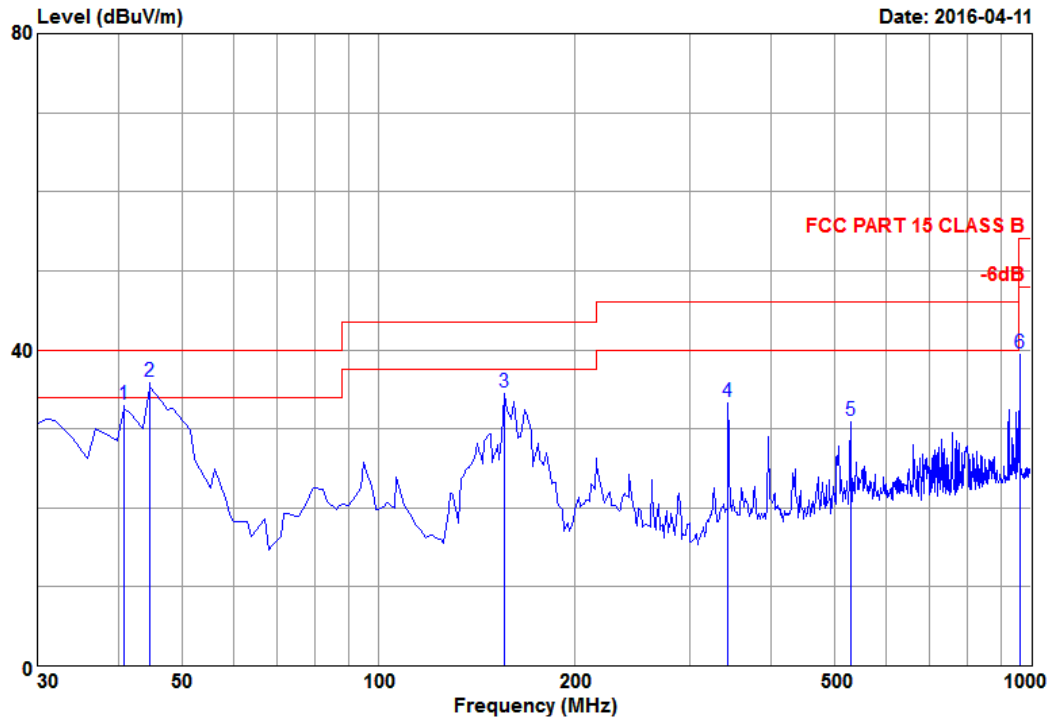


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Data: 134

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Chamber
 Dis. / Ant. : 3m 6112D(22253)-150805
 Limit : FCC PART 15 CLASS B
 Env. / Ins. : 20.7*43%/ESCI
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating : DC 3.7V
 Test Mode : TX 802.11g CH6 2437MHz
 Memo :

Data NO. :134
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	40.67	13.80	0.54	46.14	33.16	40.00	6.84	QP
2	44.55	11.80	0.57	51.00	36.06	40.00	3.94	QP
3	156.10	11.15	1.09	49.42	34.68	43.50	8.82	QP
4	343.31	15.14	1.71	43.51	33.46	46.00	12.54	QP
5	528.58	18.47	2.20	38.15	30.99	46.00	15.01	QP
6	960.23	22.34	3.22	40.96	39.56	54.00	14.44	QP

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

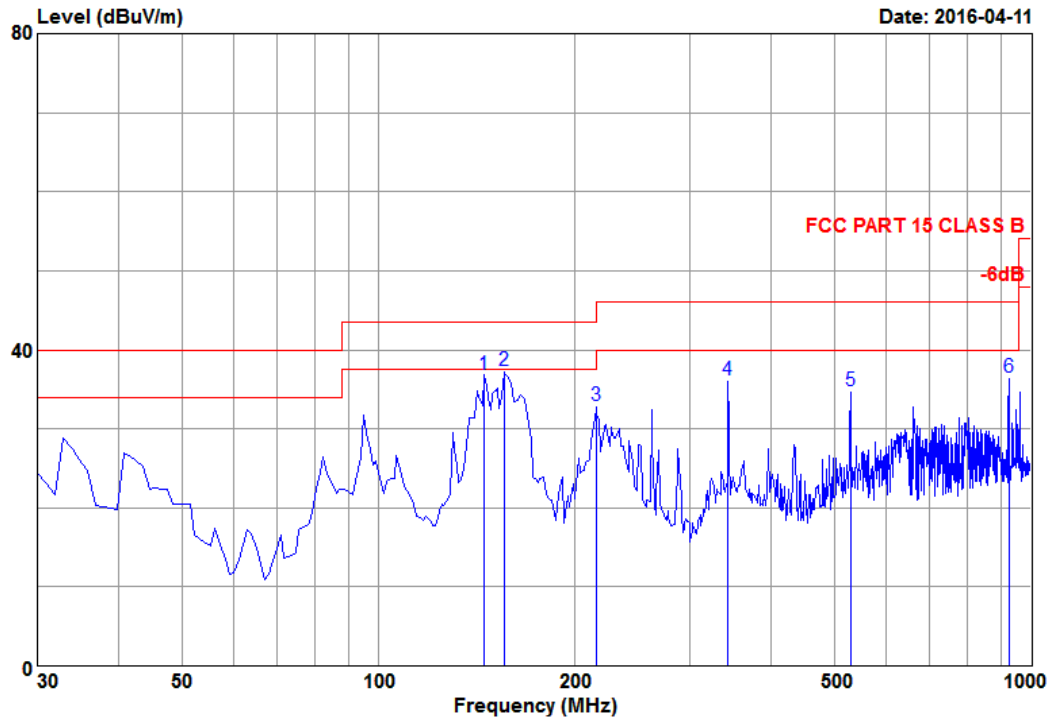


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Data: 135

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO.	: 3m Chamber	Data NO. :	135
Dis. / Ant.	: 3m 6112D(22253)-150805	Ant. pol. :	HORIZONTAL
Limit	: FCC PART 15 CLASS B	Engineer :	Mickey
Env. / Ins.	: 20.7*43%/ESCI		
EUT	: TI-inspire CX Wireless Network Adapter v2		
M/N	: TINAVWNA2		
Power Rating	: DC 3.7V		
Test Mode	: TX 802.11g CH11 2462MHz		
Memo	:		

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	145.43	11.83	1.04	50.96	36.81	43.50	6.69	QP
2	156.10	11.15	1.09	52.15	37.41	43.50	6.09	QP
3	215.27	10.66	1.31	47.69	32.89	43.50	10.61	QP
4	343.31	15.14	1.71	46.14	36.09	46.00	9.91	QP
5	528.58	18.47	2.20	41.98	34.82	46.00	11.18	QP
6	924.34	22.02	3.10	38.53	36.55	46.00	9.45	QP

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

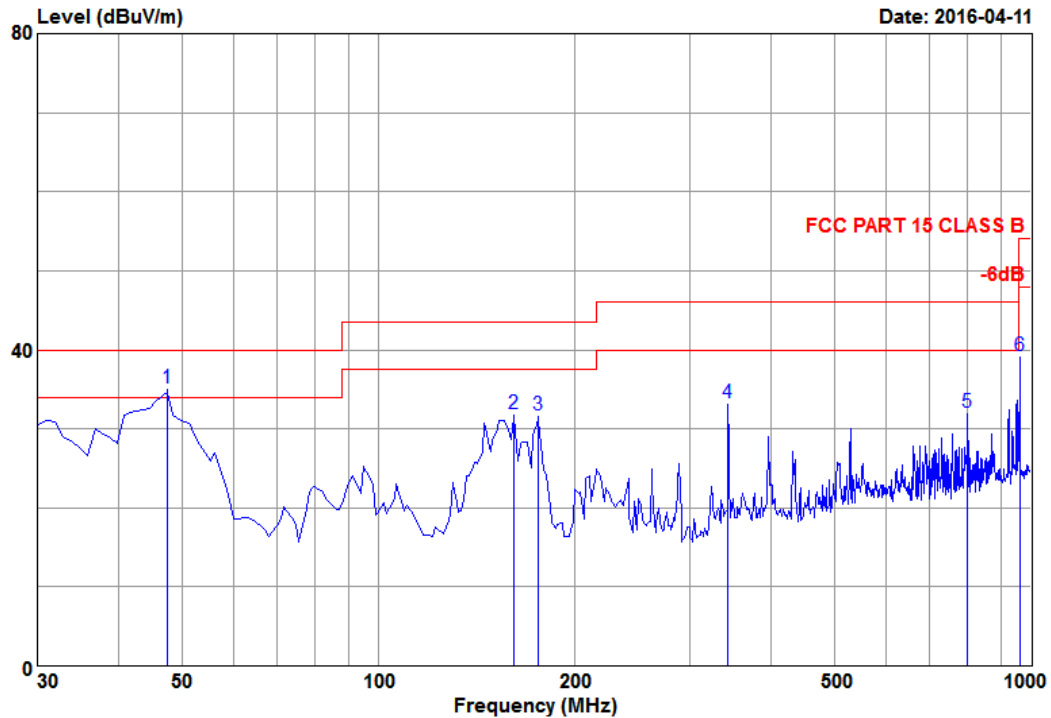


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Data: 136

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Chamber
 Dis. / Ant. : 3m 6112D(22253)-150805
 Limit : FCC PART 15 CLASS B
 Env. / Ins. : 20.7*43%/ESCI
 EUT : TI-inspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating : DC 3.7V
 Test Mode : TX 802.11g CH11 2462MHz
 Memo :

Data NO. :136
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	47.46	10.30	0.59	51.61	35.19	40.00	4.81	QP
2	160.95	10.84	1.10	46.92	31.90	43.50	11.60	QP
3	175.50	9.99	1.16	47.40	31.65	43.50	11.85	QP
4	343.31	15.14	1.71	43.29	33.24	46.00	12.76	QP
5	800.18	20.80	2.82	36.20	32.02	46.00	13.98	QP
6	960.23	22.34	3.22	40.71	39.31	54.00	14.69	QP

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

4.6.3. Type of Network : IEEE 802.11n HT20

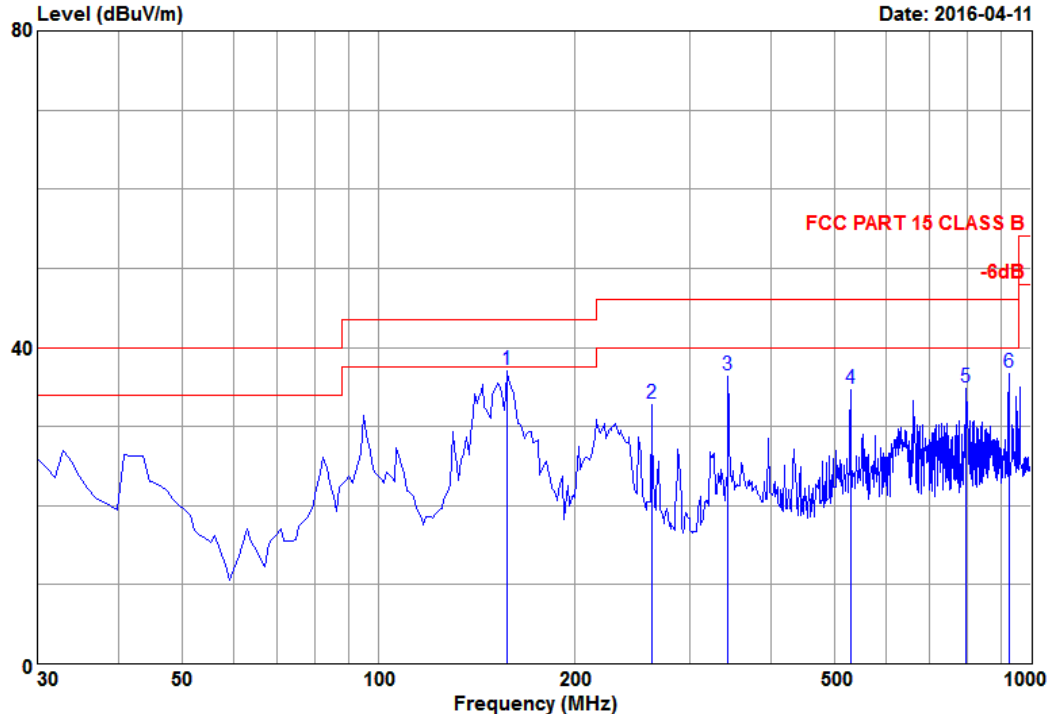


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Data: 137

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Chamber
 Dis. / Ant. : 3m 6112D(22253)-150805
 Limit : FCC PART 15 CLASS B
 Env. / Ins. : 20.7*43%/ESCI
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating : DC 3.7V
 Test Mode : TX 802.11nHT20 CH1 2412MHz
 Memo :
 Data NO. :137
 Ant. pol. : HORIZONTAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	157.07	11.09	1.09	51.95	37.16	43.50	6.34	QP
2	261.83	13.96	1.47	44.13	32.88	46.00	13.12	QP
3	343.31	15.14	1.71	46.50	36.45	46.00	9.55	QP
4	528.58	18.47	2.20	41.97	34.81	46.00	11.19	QP
5	796.30	20.77	2.81	39.17	34.95	46.00	11.05	QP
6	924.34	22.02	3.10	38.79	36.81	46.00	9.19	QP

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

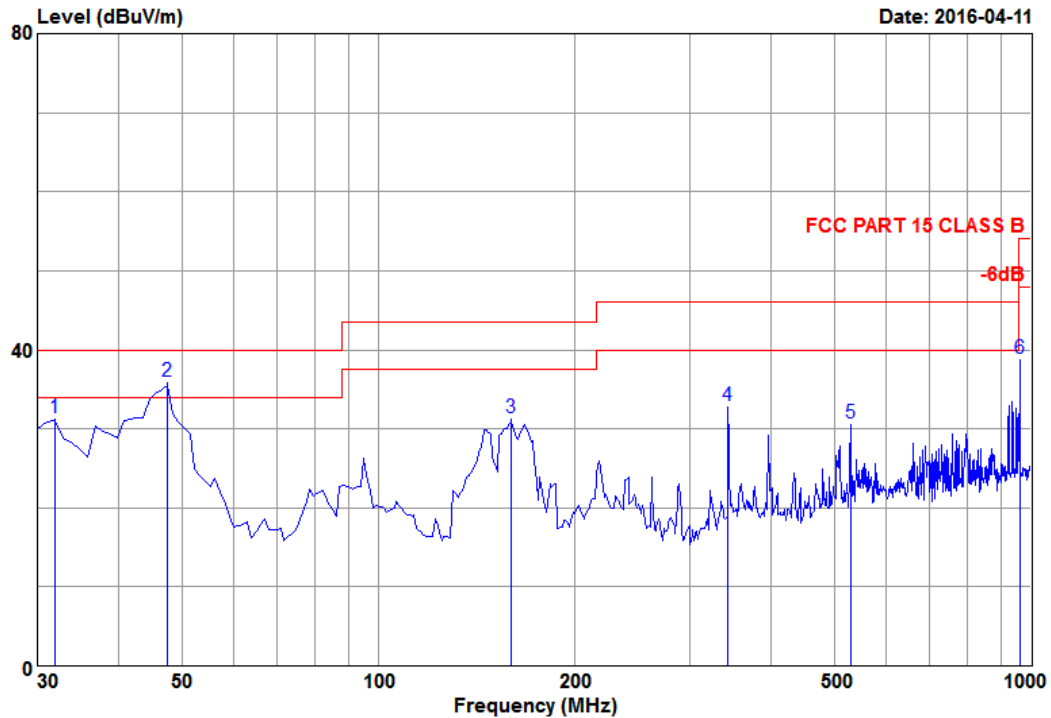


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Data: 138

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Chamber
 Dis. / Ant. : 3m 6112D(22253)-150805
 Limit : FCC PART 15 CLASS B
 Env. / Ins. : 20.7*43%/ESCI
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating : DC 3.7V
 Test Mode : TX 802.11nHT20 CH1 2412MHz
 Memo :

Data NO. :138
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	31.94	18.46	0.48	39.85	31.44	40.00	8.56	QP
2	47.46	10.30	0.59	52.43	36.01	40.00	3.99	QP
3	159.98	10.90	1.10	46.27	31.31	43.50	12.19	QP
4	343.31	15.14	1.71	43.02	32.97	46.00	13.03	QP
5	528.58	18.47	2.20	37.79	30.63	46.00	15.37	QP
6	960.23	22.34	3.22	40.37	38.97	54.00	15.03	QP

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

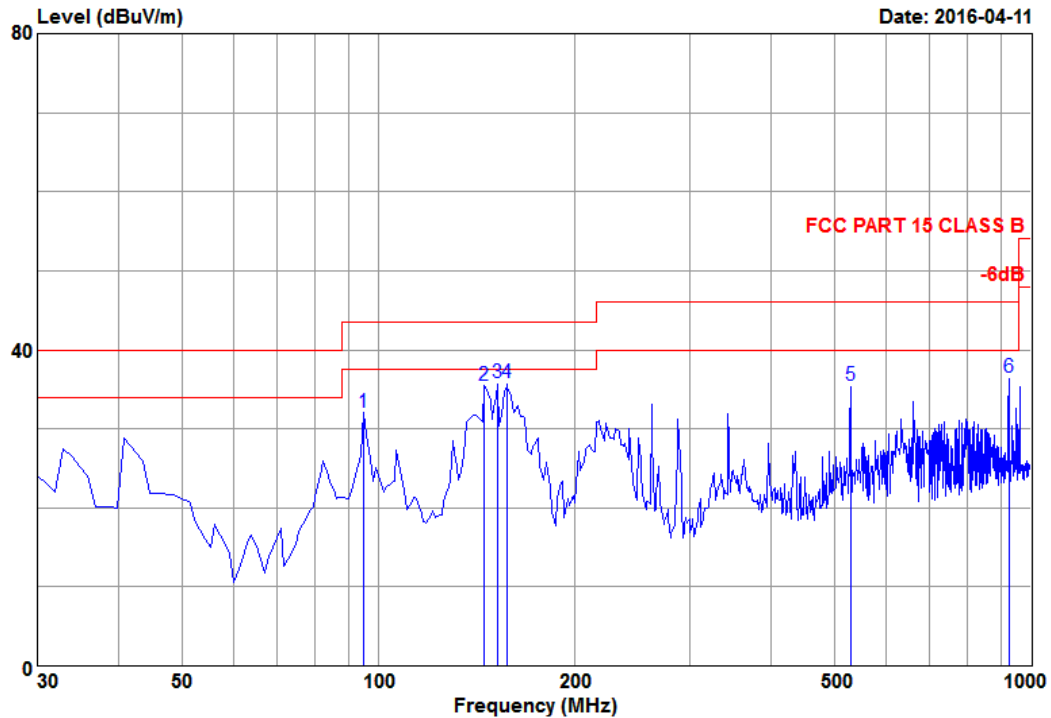


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Data: 139

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Chamber
 Dis. / Ant. : 3m 6112D(22253)-150805
 Limit : FCC PART 15 CLASS B
 Env. / Ins. : 20.7*43%/ESCI
 EUT : TI-inspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating : DC 3.7V
 Test Mode : TX 802.11nHT20 CH6 2437MHz
 Memo :

Data NO. :139
 Ant. pol. : HORIZONTAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	94.99	10.25	0.84	48.18	32.06	43.50	11.44	QP
2	145.43	11.83	1.04	49.70	35.55	43.50	7.95	QP
3	152.22	11.40	1.07	50.27	35.75	43.50	7.75	QP
4	157.07	11.09	1.09	50.61	35.82	43.50	7.68	QP
5	528.58	18.47	2.20	42.73	35.57	46.00	10.43	QP
6	924.34	22.02	3.10	38.46	36.48	46.00	9.52	QP

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

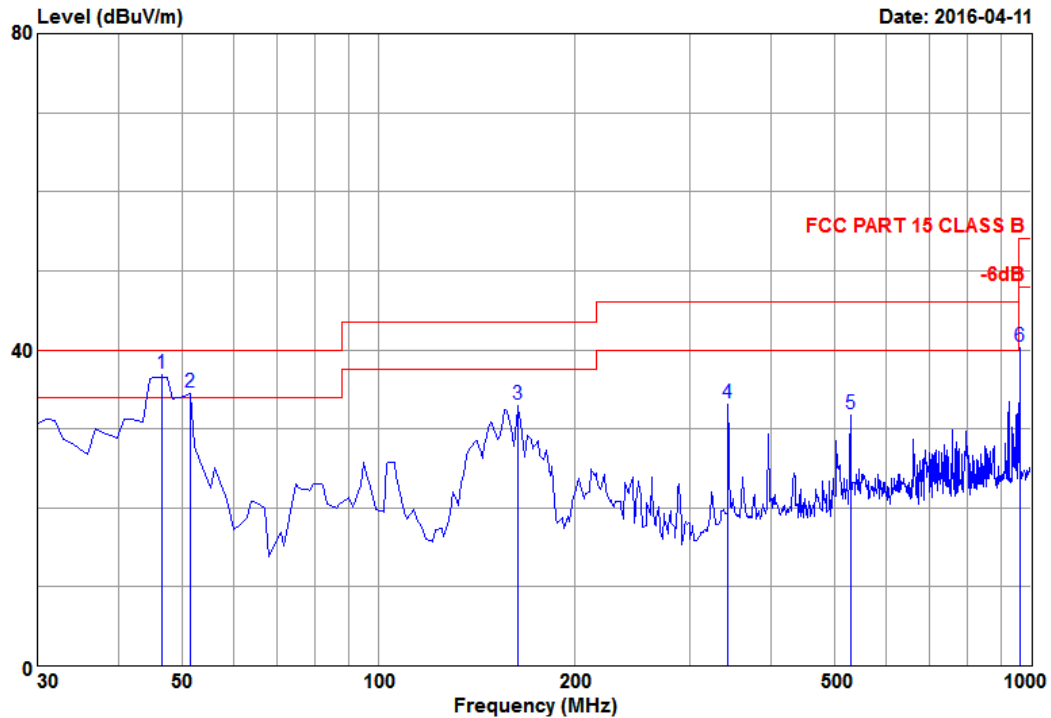


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Data: 140

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Chamber
 Dis. / Ant. : 3m 6112D(22253)-150805
 Limit : FCC PART 15 CLASS B
 Env. / Ins. : 20.7*43%/ESCI
 EUT : TI-inspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating : DC 3.7V
 Test Mode : TX 802.11nHT20 CH6 2437MHz
 Memo :

Data NO. :140
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	46.49	10.80	0.58	52.89	36.96	40.00	3.04	QP
2	51.34	8.57	0.62	52.80	34.69	40.00	5.31	QP
3	163.86	10.67	1.12	48.29	33.14	43.50	10.36	QP
4	343.31	15.14	1.71	43.31	33.26	46.00	12.74	QP
5	528.58	18.47	2.20	39.08	31.92	46.00	14.08	QP
6	960.23	22.34	3.22	41.83	40.43	54.00	13.57	QP

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

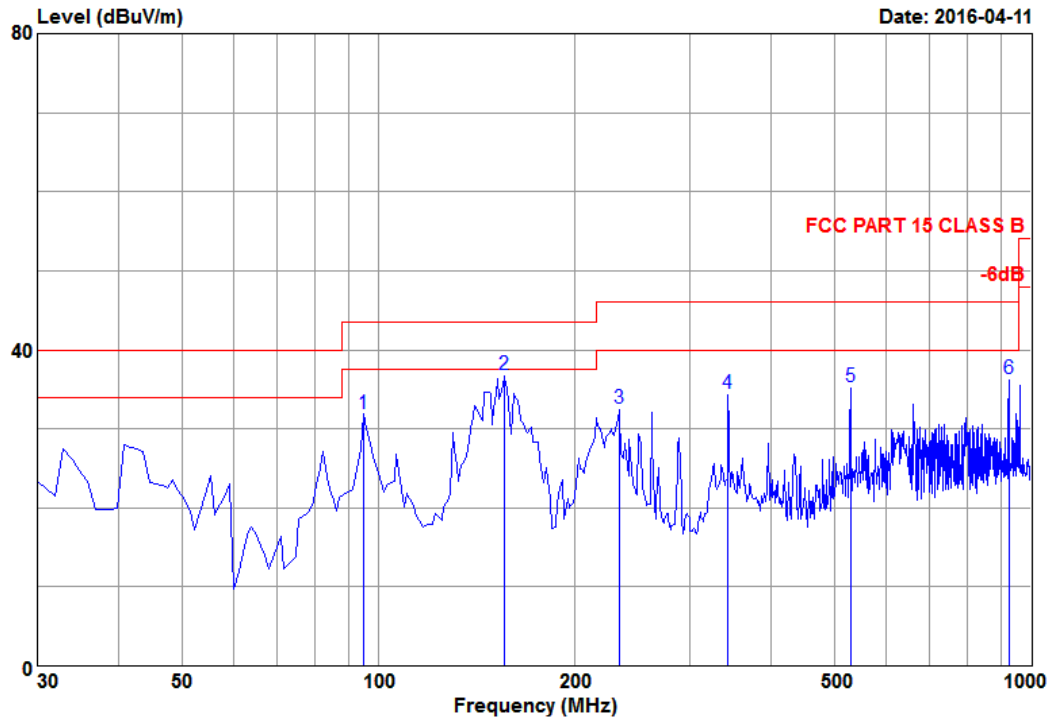


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Data: 141

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO.	: 3m Chamber	Data NO. :	141
Dis. / Ant.	: 3m 6112D(22253)-150805	Ant. pol. :	HORIZONTAL
Limit	: FCC PART 15 CLASS B	Engineer :	Mickey
Env. / Ins.	: 20.7*43%/ESCI		
EUT	: TI-inspire CX Wireless Network Adapter v2		
M/N	: TINAVWNA2		
Power Rating	: DC 3.7V		
Test Mode	: TX 802.11nHT20 CH11 2462MHz		
Memo	:		

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	94.99	10.25	0.84	47.95	31.83	43.50	11.67	QP
2	156.10	11.15	1.09	51.53	36.79	43.50	6.71	QP
3	233.70	11.85	1.37	46.02	32.51	46.00	13.49	QP
4	343.31	15.14	1.71	44.49	34.44	46.00	11.56	QP
5	528.58	18.47	2.20	42.49	35.33	46.00	10.67	QP
6	924.34	22.02	3.10	38.30	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.

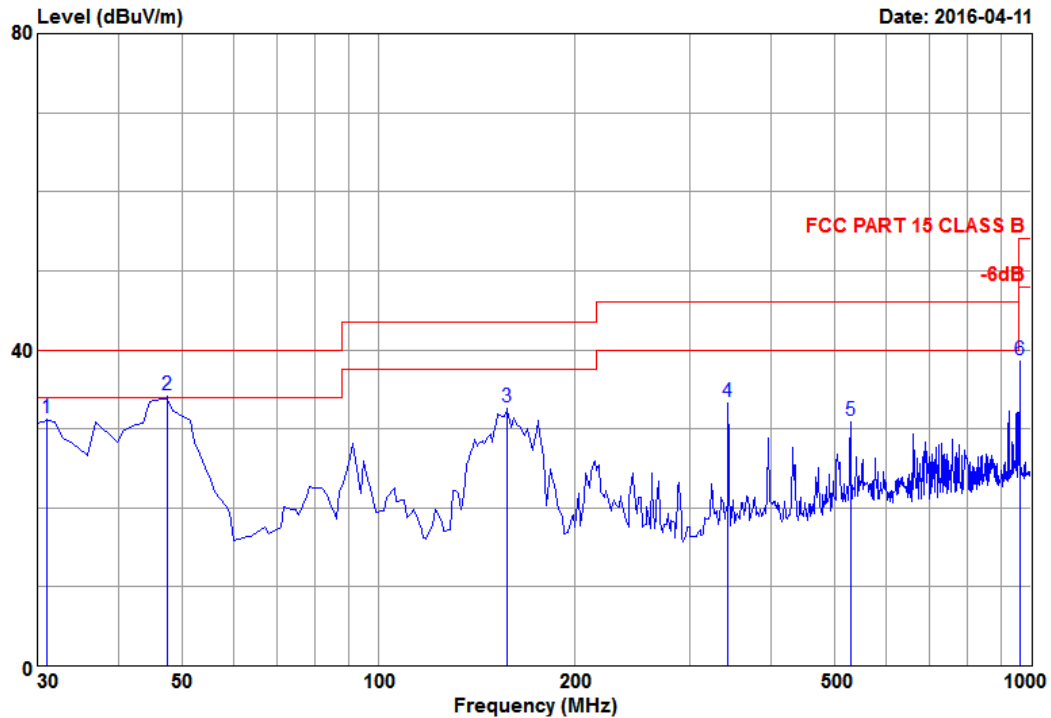


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Data: 142

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Chamber
 Dis. / Ant. : 3m 6112D(22253)-150805
 Limit : FCC PART 15 CLASS B
 Env. / Ins. : 20.7*43%/ESCI
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating : DC 3.7V
 Test Mode : TX 802.11nHT20 CH11 2462MHz
 Memo :

Data NO. :142
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	30.97	18.98	0.48	39.21	31.32	40.00	8.68	QP
2	47.46	10.30	0.59	50.69	34.27	40.00	5.73	QP
3	157.07	11.09	1.09	47.60	32.81	43.50	10.69	QP
4	343.31	15.14	1.71	43.46	33.41	46.00	12.59	QP
5	528.58	18.47	2.20	38.24	31.08	46.00	14.92	QP
6	960.23	22.34	3.22	40.09	38.69	54.00	15.31	QP

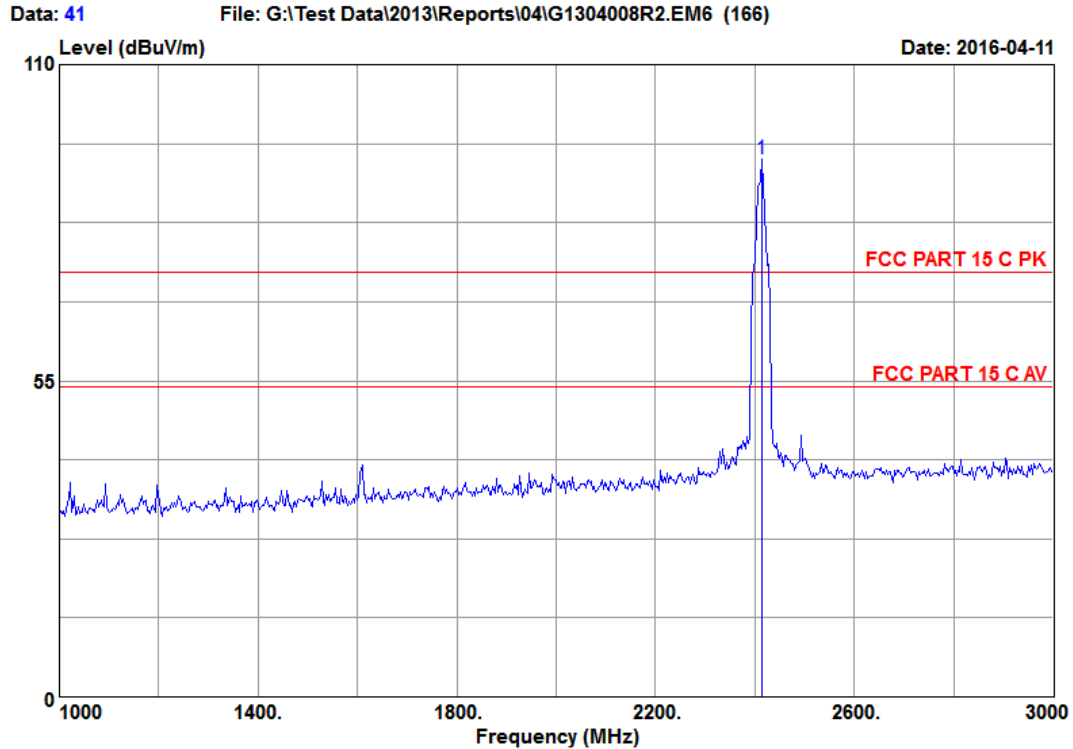
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

4.7. Restricted Bands Measurement Results (For Above 1GHz)

4.7.1. Type of Network : IEEE 802.11b



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Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*C&48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11b CH1 2412MHz
 Memo :
 Data NO. : 41
 Ant. pol. : HORIZONTAL
 Engineer : Mickey

Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1 2413.00	28.49	5.09	94.46	34.50	93.54	74.00	-19.54	Peak

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

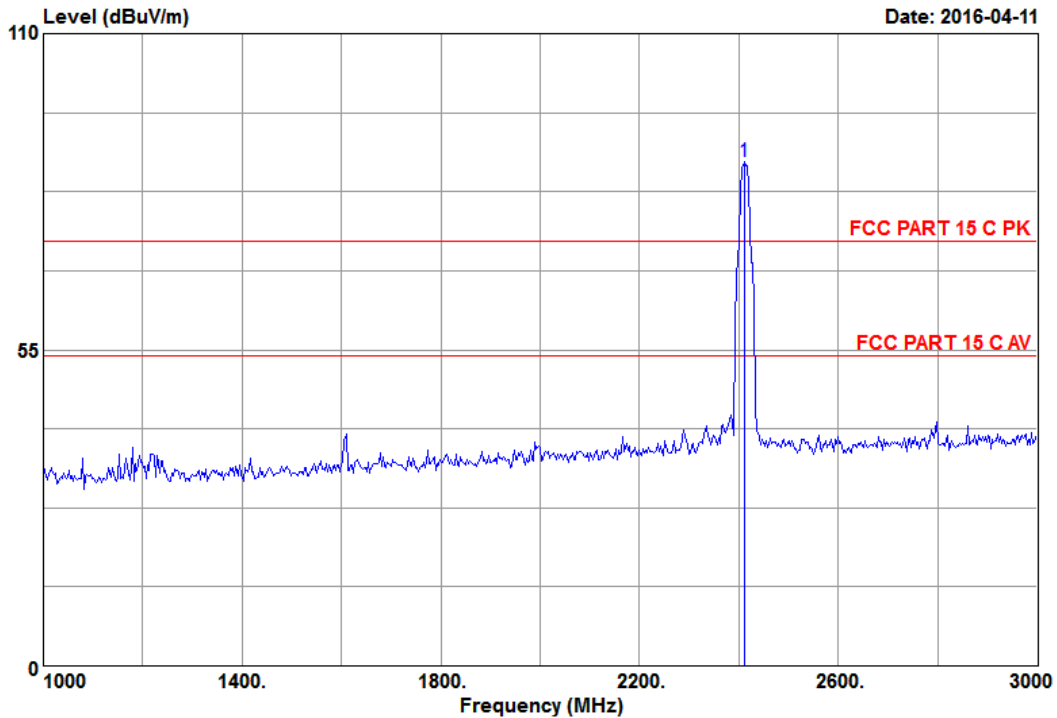


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Data: 43

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Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11b CH1 2412MHz
 Memo :

Data NO. : 43
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2410.00	28.49	5.09	88.60	34.50	87.68	74.00	-13.68	Peak

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

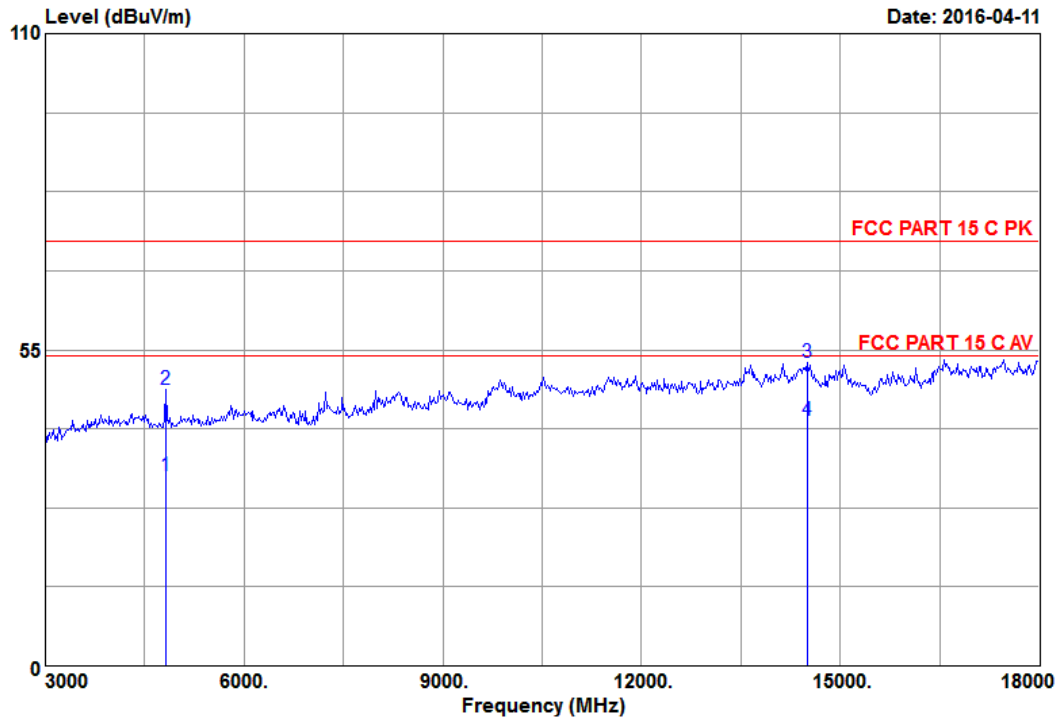


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Data: 42

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.6*CS&48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11b CH1 2412MHz
 Memo :

Data NO. : 42
 Ant. pol. : HORIZONTAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4820.90	32.89	7.33	26.90	33.95	33.17	54.00	20.83	Average
2	4824.00	32.89	7.33	41.80	33.95	48.07	74.00	25.93	Peak
3	14495.00	42.60	13.01	29.40	32.28	52.73	74.00	21.27	Peak
4	14496.30	42.60	13.01	19.30	32.28	42.63	54.00	11.37	Average

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

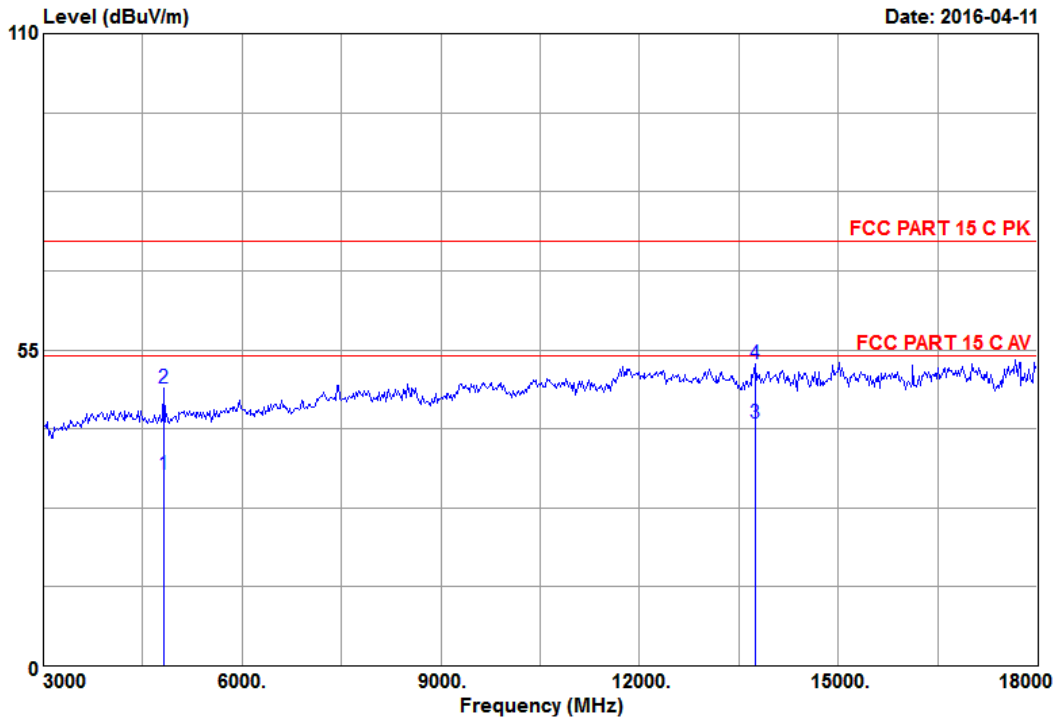


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Data: 44

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Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11b CH1 2412MHz
 Memo :

Data NO. : 44
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4822.63	32.89	7.33	27.03	33.95	33.30	54.00	20.70	Average
2	4824.00	32.89	7.33	42.03	33.95	48.30	74.00	25.70	Peak
3	13753.11	41.65	12.71	19.69	31.81	42.24	54.00	11.76	Average
4	13754.00	41.65	12.71	29.99	31.81	52.54	74.00	21.46	Peak

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

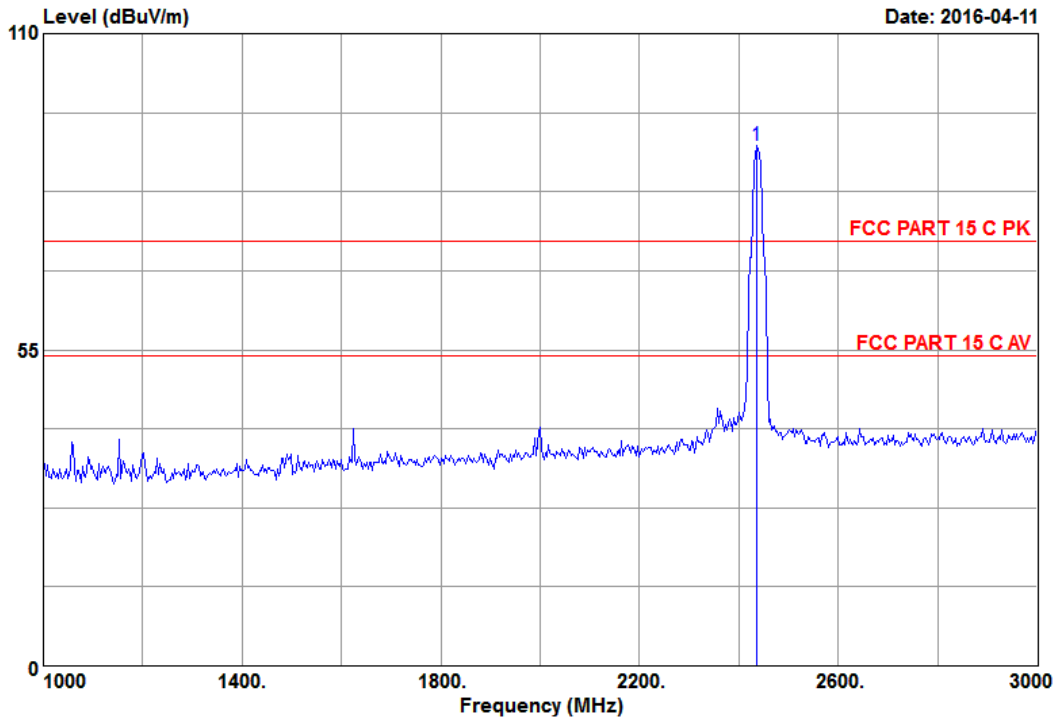


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Data: 45

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Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11b CH6 2437MHz
 Memo :

Data NO. : 45
 Ant. pol. : HORIZONTAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	28.58	5.12	91.35	34.50	90.55	74.00	-16.55	Peak

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

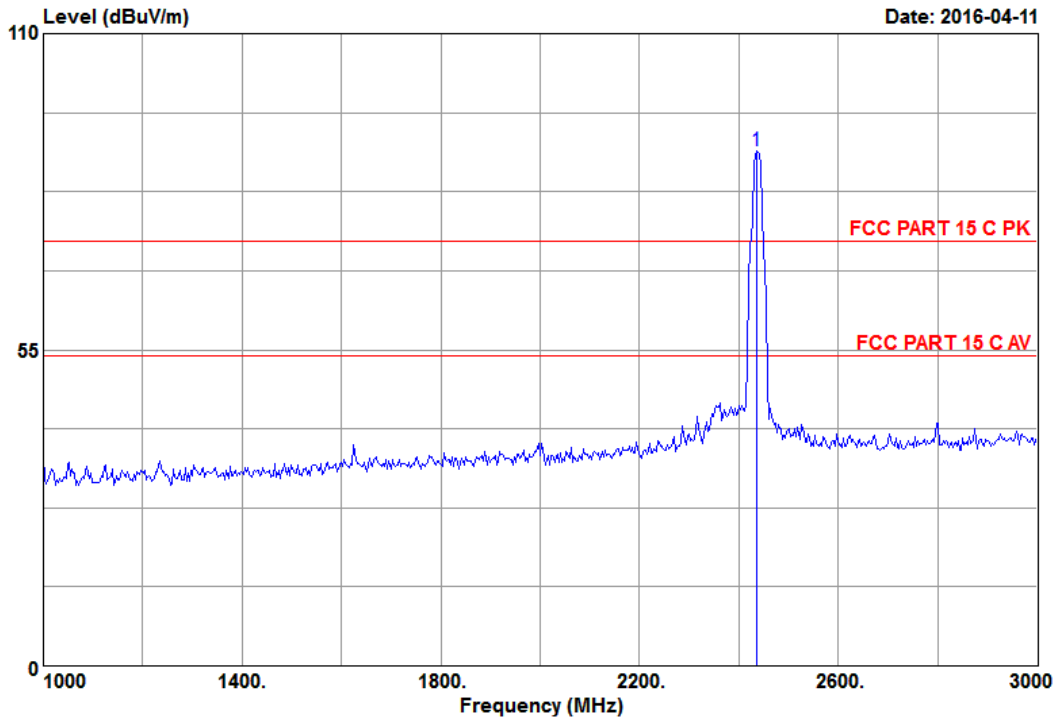


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Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11b CH6 2437MHz
 Memo :

Data NO. : 47
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	28.58	5.12	90.35	34.50	89.55	74.00	-15.55	Peak

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

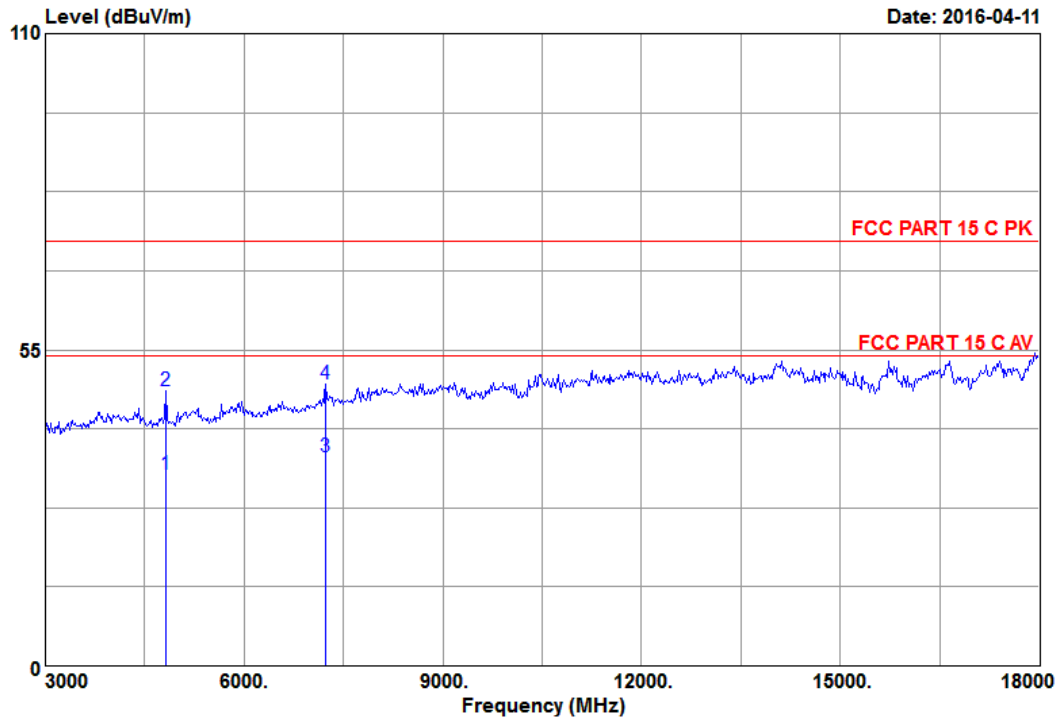


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Data: 46

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11b CH6 2437MHz
 Memo :
 Data NO. : 46
 Ant. pol. : HORIZONTAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4822.19	32.89	7.33	26.93	33.95	33.20	54.00	20.80	Average
2	4824.00	32.89	7.33	41.65	33.95	47.92	74.00	26.08	Peak
3	7236.93	36.18	9.02	25.10	34.04	36.26	54.00	17.74	Average
4	7237.00	36.18	9.02	37.97	34.04	49.13	74.00	24.87	Peak

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

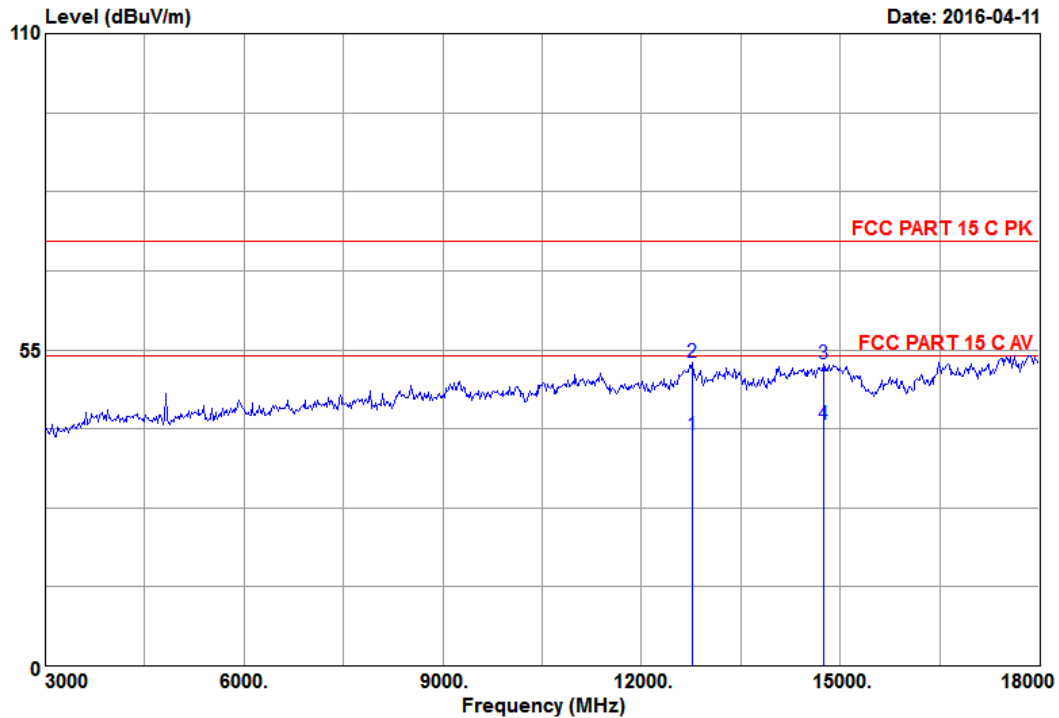


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Data: 48

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Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.6*CS&48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11b CH6 2437MHz
 Memo :

Data NO. : 48
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	12763.39	39.39	12.11	21.30	32.80	40.00	54.00	14.00	Average
2	12766.00	39.39	12.11	34.05	32.80	52.75	74.00	21.25	Peak
3	14742.00	41.85	13.09	30.19	32.64	52.49	74.00	21.51	Peak
4	14743.11	41.85	13.09	19.60	32.64	41.90	54.00	12.10	Average

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

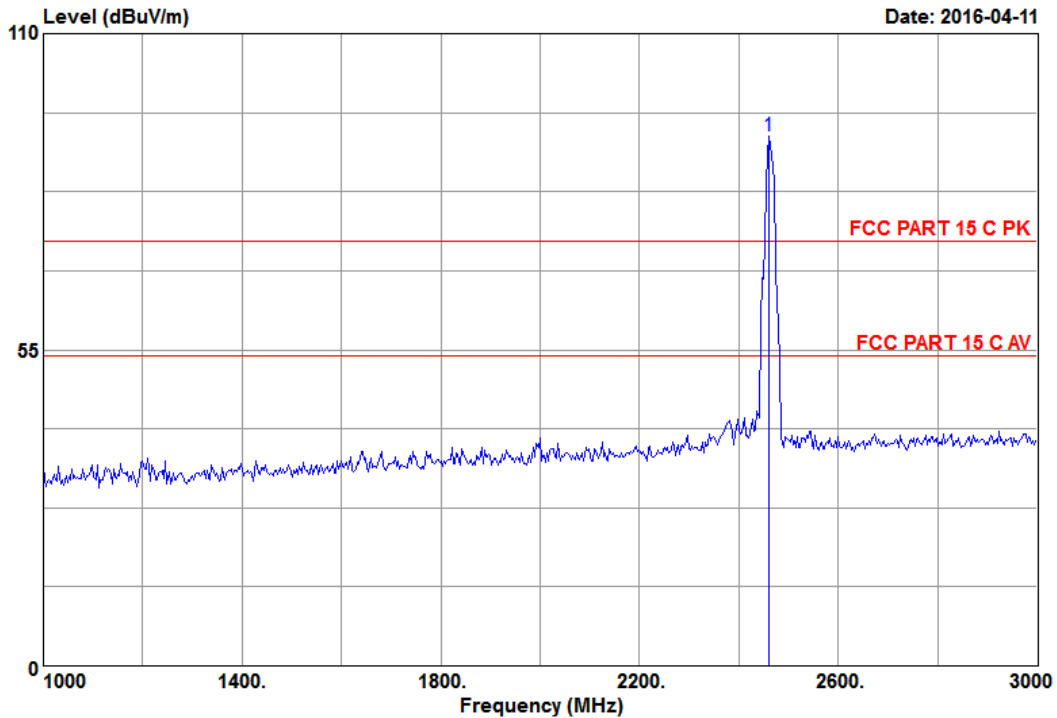


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Data: 49

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11b CH11 2462MHz
 Memo :

Data NO. : 49
 Ant. pol. : HORIZONTAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2461.00	28.62	5.15	93.03	34.50	92.30	74.00	-18.30	Peak

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

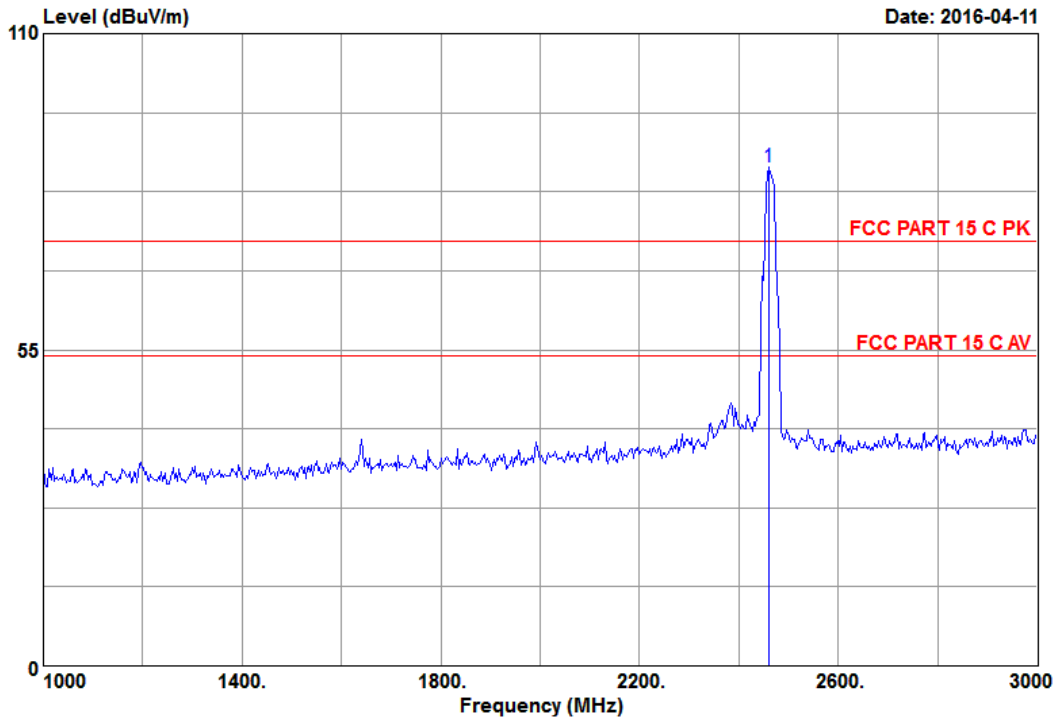


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Data: 51

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Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.6*CS&48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11b CH11 2462MHz
 Memo :

Data NO. : 51
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBUV)	Preamp Factor (dB)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	2461.00	28.62	5.15	87.50	34.50	86.77	74.00	-12.77	Peak

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

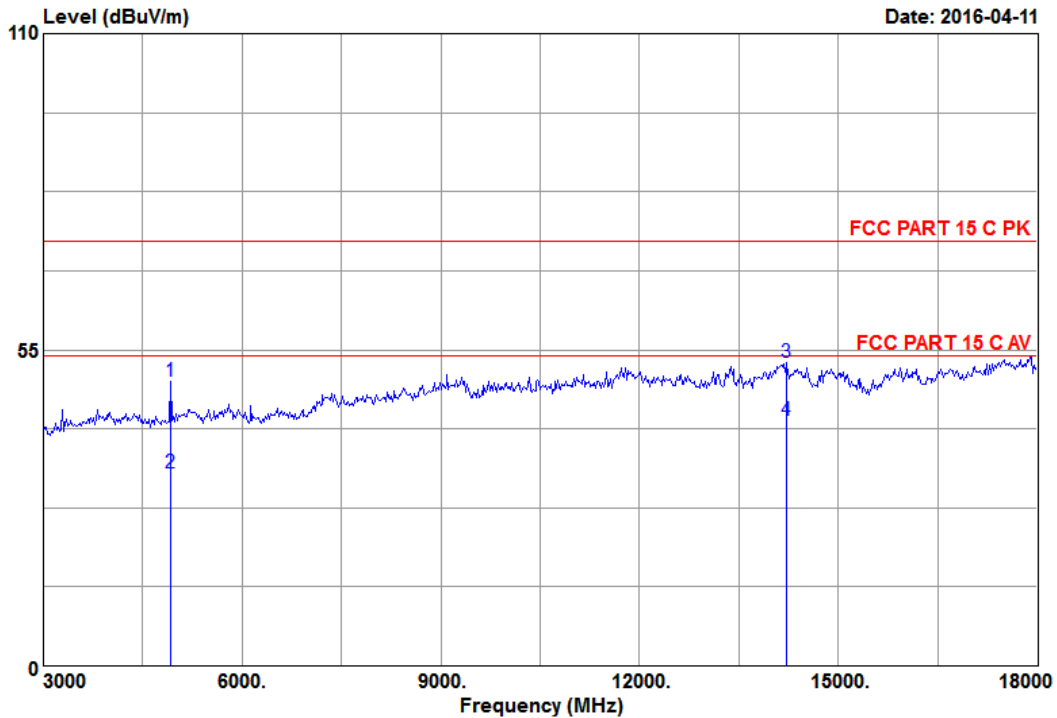


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Data: 50

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Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11b CH11 2462MHz
 Memo :

Data NO. : 50
 Ant. pol. : HORIZONTAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4919.00	33.08	7.38	43.05	33.93	49.58	74.00	24.42	Peak
2	4922.05	33.08	7.38	27.10	33.93	33.63	54.00	20.37	Average
3	14210.00	42.37	12.92	29.37	31.88	52.78	74.00	21.22	Peak
4	14211.70	42.37	12.92	19.29	31.88	42.70	54.00	11.30	Average

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

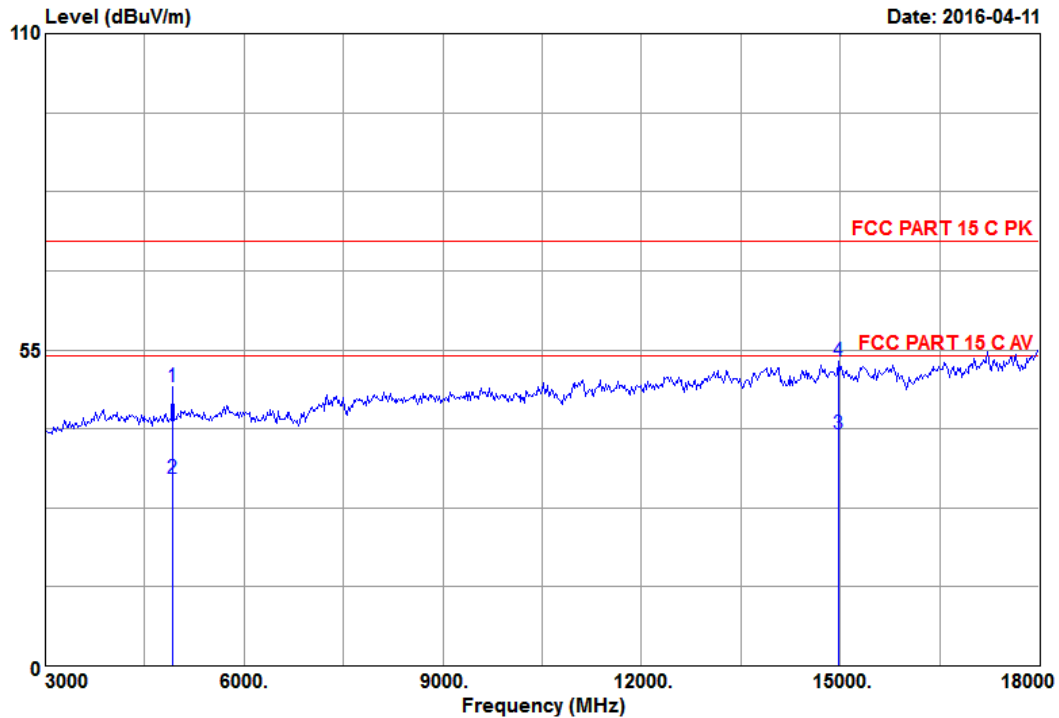


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Data: 52

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.6*CS&48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11b CH11 2462MHz
 Memo :

Data NO. : 52
 Ant. pol. : VERTICAL
 Engineer : Mickey

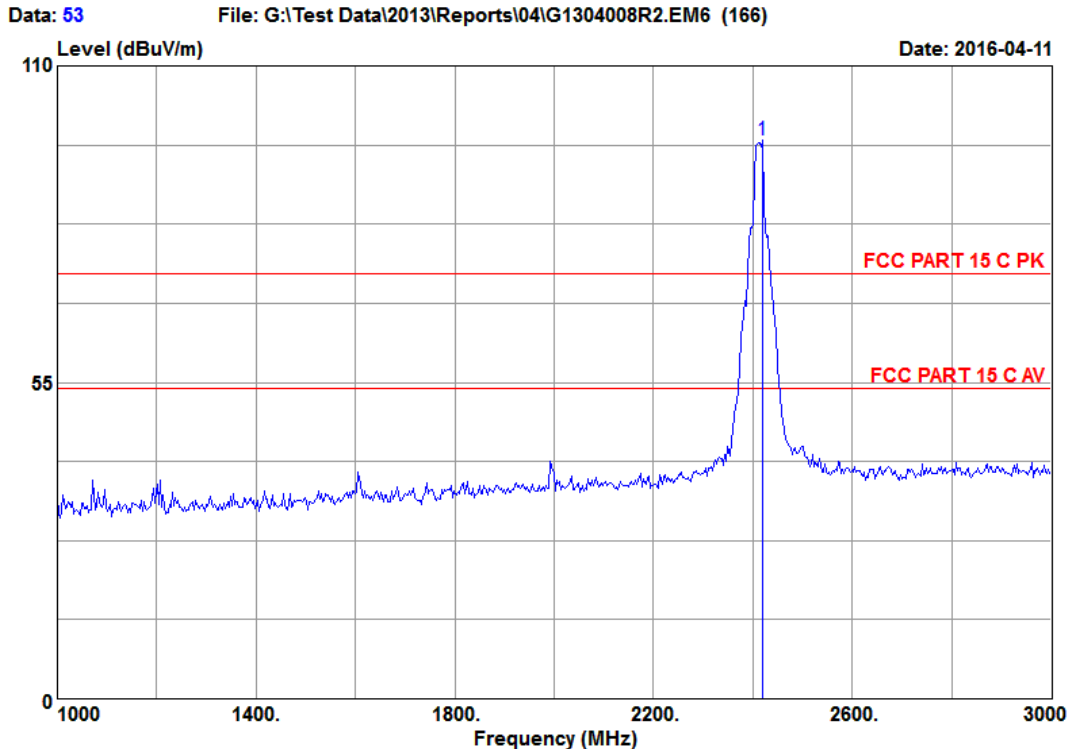
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4919.00	33.08	7.38	41.95	33.93	48.48	74.00	25.52	Peak
2	4921.30	33.08	7.38	26.10	33.93	32.63	54.00	21.37	Average
3	14966.25	41.11	13.16	19.11	32.96	40.42	54.00	13.58	Average
4	14970.00	41.11	13.16	31.61	32.96	52.92	74.00	21.08	Peak

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

4.7.2. Type of Network : IEEE 802.11g



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Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11g CH1 2412MHz
 Memo :
 Data NO. : 53
 Ant. pol. : HORIZONTAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2419.00	28.49	5.12	97.91	34.50	97.02	74.00	-23.02	Peak

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

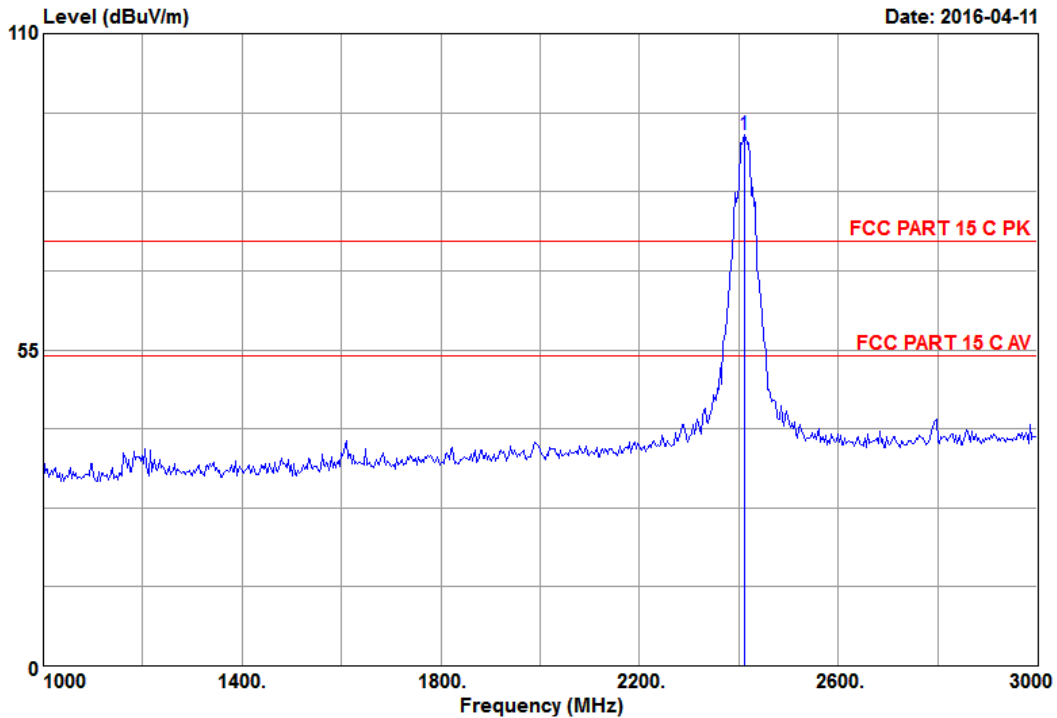


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Data: 55

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Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11g CH1 2412MHz
 Memo :

Data NO. : 55
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2410.00	28.49	5.09	93.25	34.50	92.33	74.00	-18.33	Peak

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

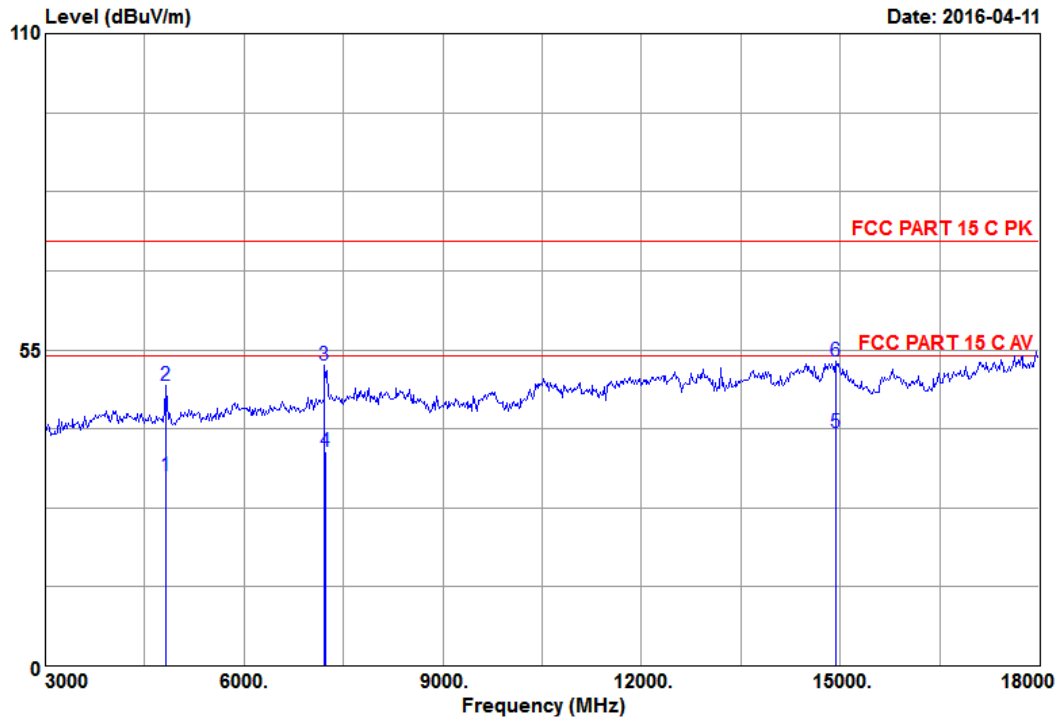


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Data: 54

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 54
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CS&48%/N9030A Engineer : Mickey
 EUT : TI-inspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11g CH1 2412MHz
 Memo :

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBUV)	Preamp Factor (dB)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	4822.33	32.89	7.33	26.70	33.95	32.97	54.00	21.03	Average
2	4824.00	32.89	7.33	42.55	33.95	48.82	74.00	25.18	Peak
3	7218.00	36.14	9.00	41.10	34.04	52.20	74.00	21.80	Peak
4	7222.15	36.14	9.00	26.31	34.04	37.41	54.00	16.59	Average
5	14930.50	41.27	13.15	19.05	32.89	40.58	54.00	13.42	Average
6	14932.00	41.21	13.15	31.57	32.89	53.04	74.00	20.96	Peak

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

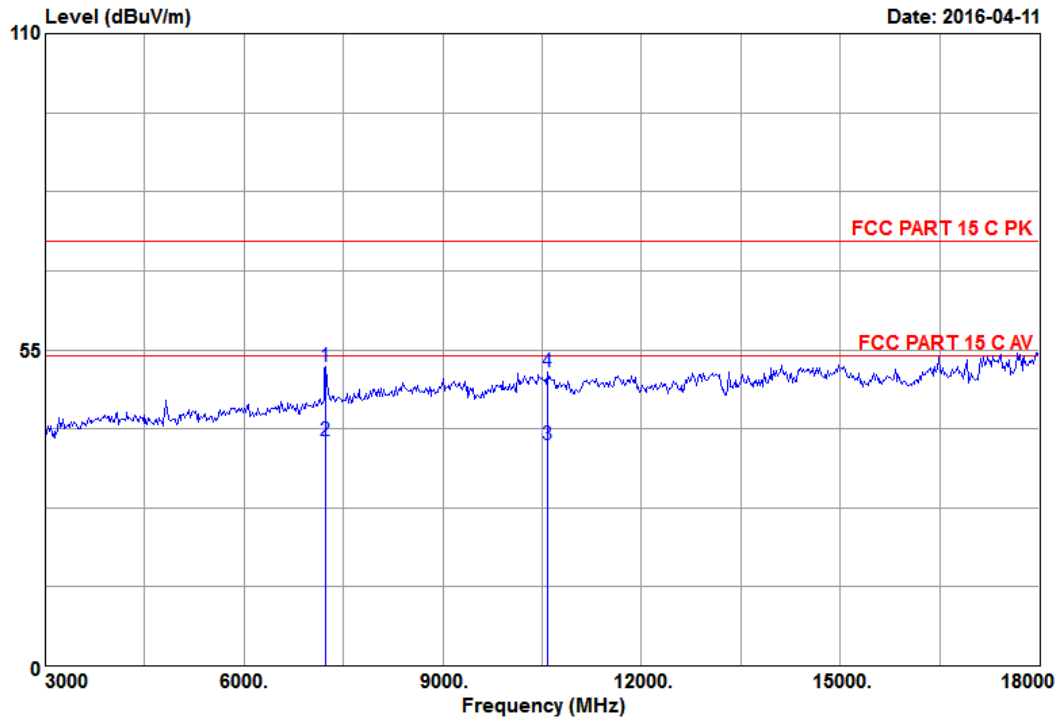


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Data: 56

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.6*CS&48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11g CH1 2412MHz
 Memo :

Data NO. : 56
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	7237.00	36.18	9.02	40.81	34.04	51.97	74.00	22.03	Peak
2	7239.15	36.18	9.02	27.99	34.04	39.15	54.00	14.85	Average
3	10579.11	39.53	11.14	21.67	33.98	38.36	54.00	15.64	Average
4	10581.00	39.51	11.14	34.46	33.98	51.13	74.00	22.87	Peak

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

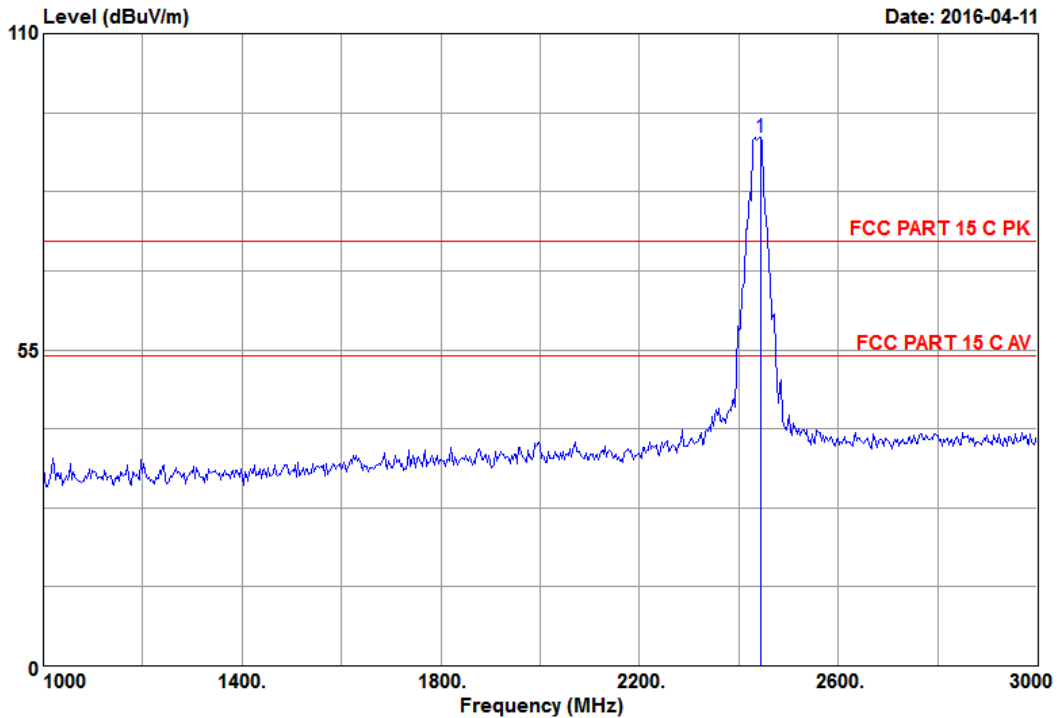


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Data: 57

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11g CH6 2437MHz
 Memo :

Data NO. : 57
 Ant. pol. : HORIZONTAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBUV)	Preamp Factor (dB)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	2443.00	28.58	5.15	92.72	34.50	91.95	74.00	-17.95	Peak

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

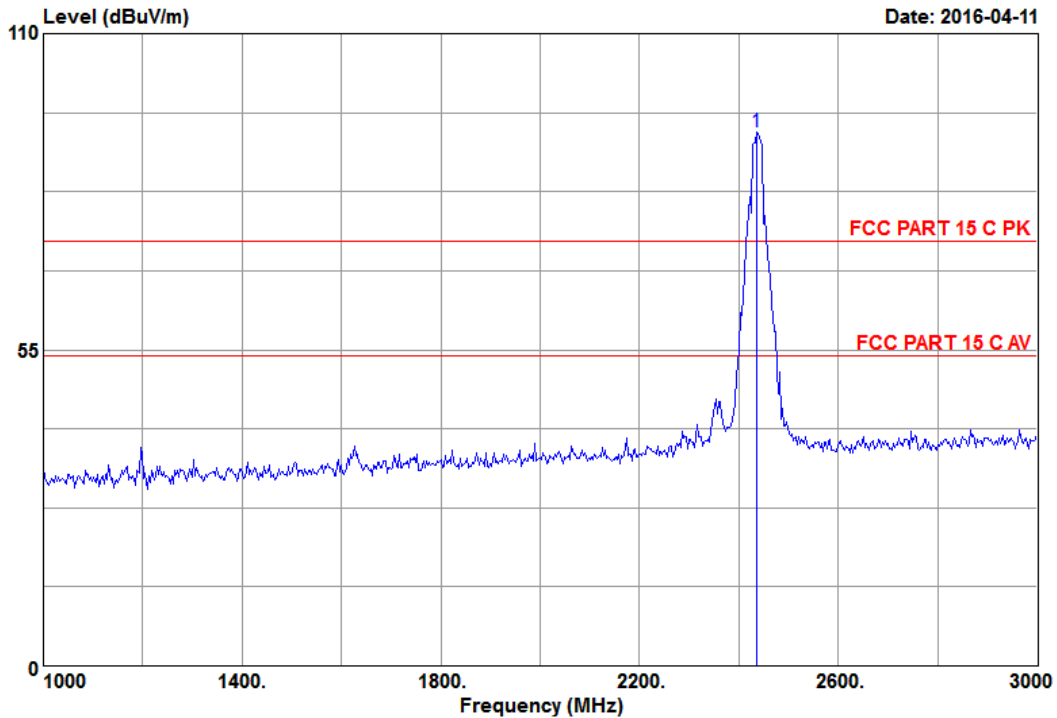


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Data: 59

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CS48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11g CH6 2437MHz
 Memo :

Data NO. : 59
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	28.58	5.12	93.76	34.50	92.96	74.00	-18.96	Peak

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

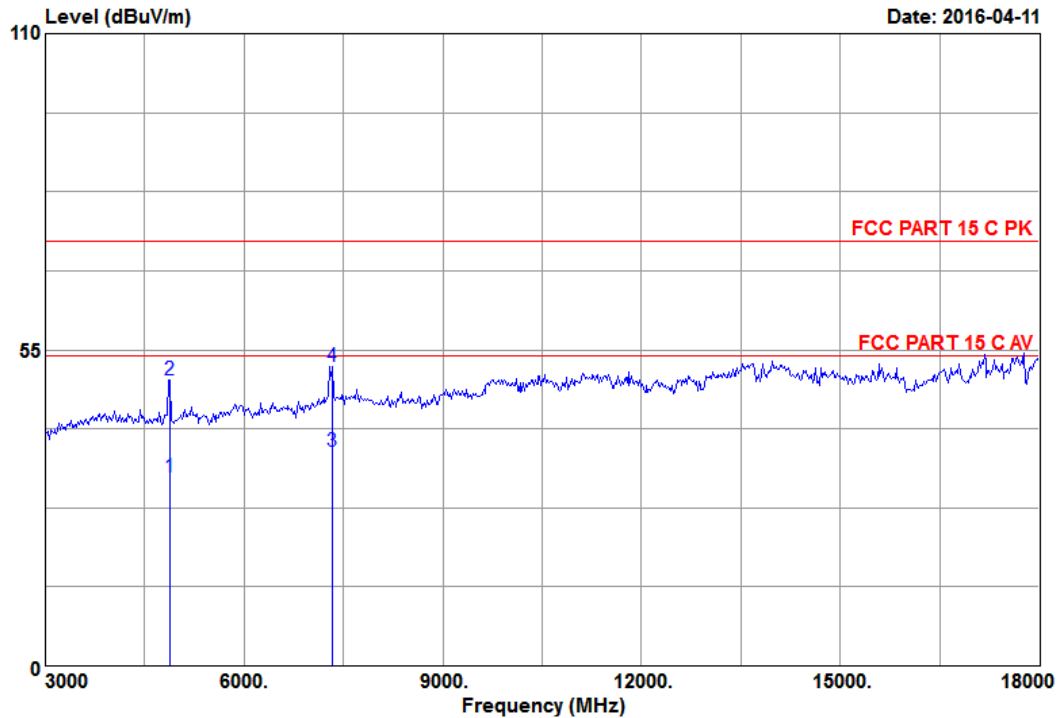


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Data: 58

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.6*CS&48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11g CH6 2437MHz
 Memo :

Data NO. : 58
 Ant. pol. : HORIZONTAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4879.69	32.98	7.36	26.56	33.94	32.96	54.00	21.04	Average
2	4881.00	32.98	7.36	43.43	33.94	49.83	74.00	24.17	Peak
3	7331.16	36.39	9.08	25.96	34.05	37.38	54.00	16.62	Average
4	7332.00	36.39	9.08	40.74	34.05	52.16	74.00	21.84	Peak

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

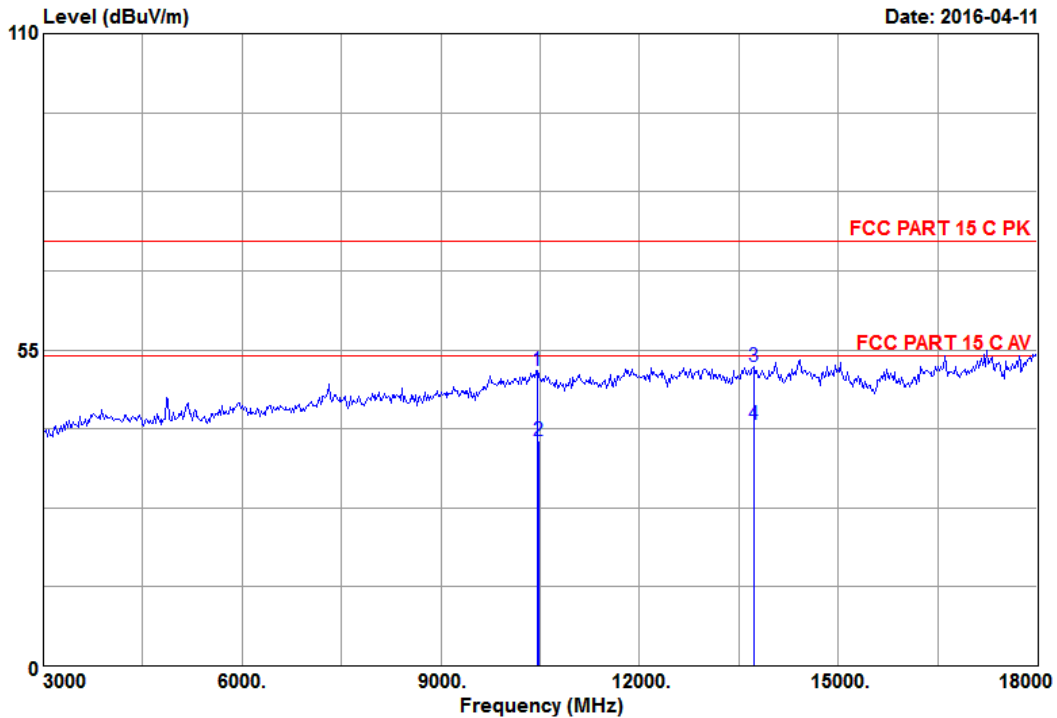


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Data: 60

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11g CH6 2437MHz
 Memo :

Data NO. : 60
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10467.00	39.55	11.08	34.91	34.09	51.45	74.00	22.55	Peak
2	10469.37	39.55	11.08	22.63	34.09	39.17	54.00	14.83	Average
3	13735.00	41.61	12.70	29.68	31.84	52.15	74.00	21.85	Peak
4	13736.16	41.61	12.70	19.64	31.84	42.11	54.00	11.89	Average

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

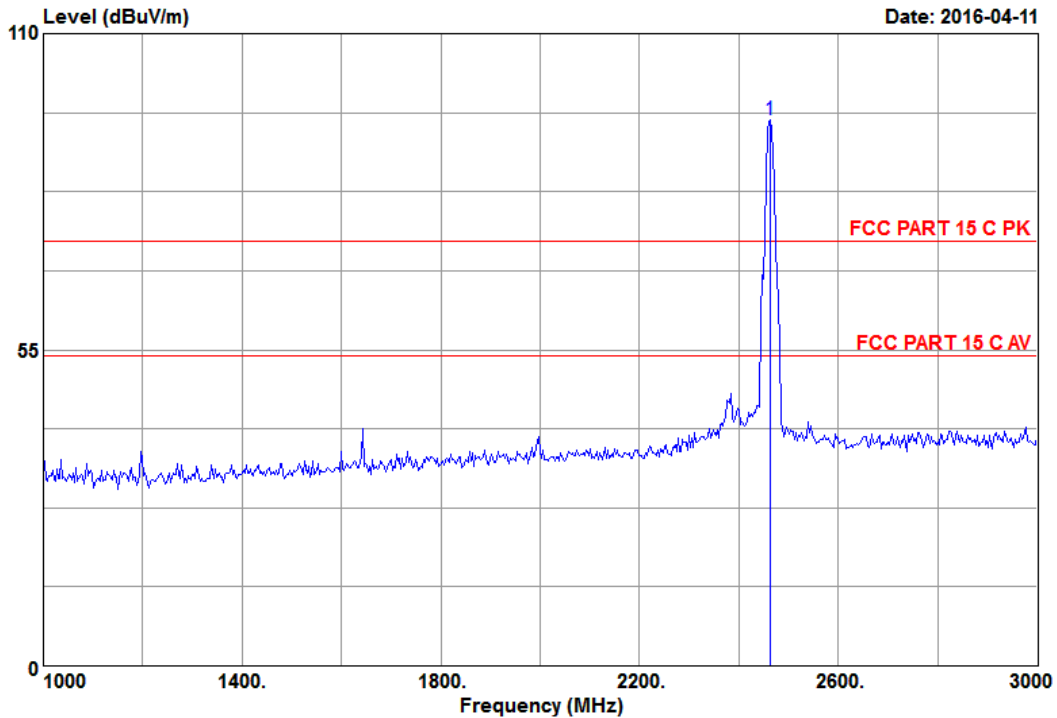


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Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.6*CS&48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11g CH11 2462MHz
 Memo :

Data NO. : 61
 Ant. pol. : HORIZONTAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2464.00	28.62	5.15	95.78	34.50	95.05	74.00	-21.05	Peak

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

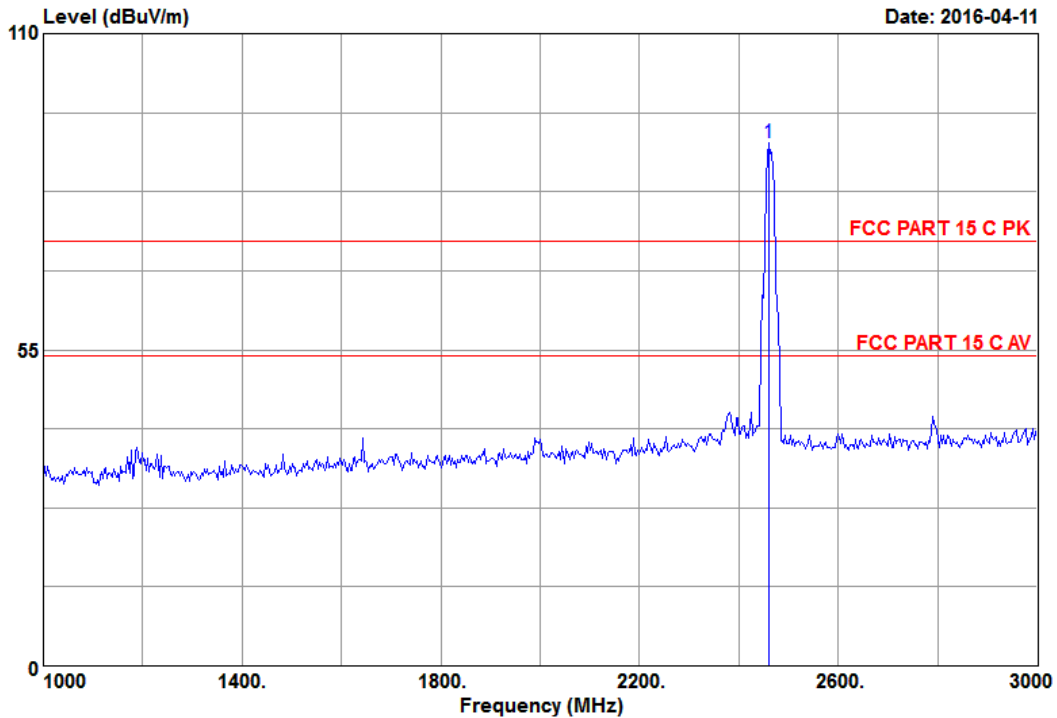


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Data: 63

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Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11g CH11 2462MHz
 Memo :

Data NO. : 63
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2461.00	28.62	5.15	91.80	34.50	91.07	74.00	-17.07	Peak

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

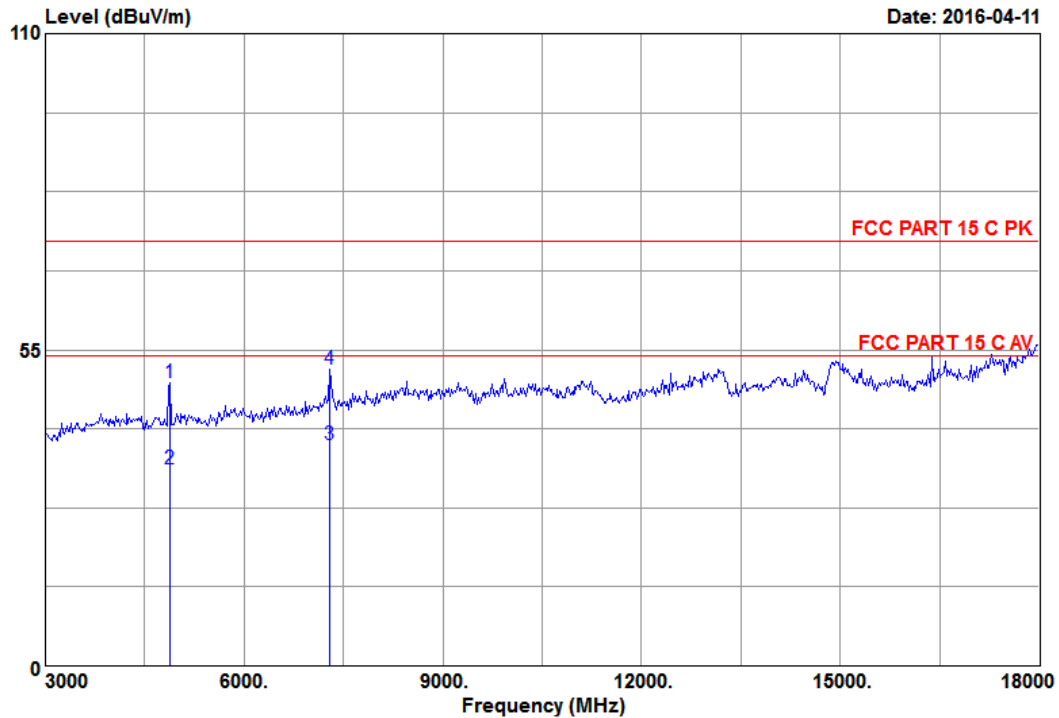


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Data: 62

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Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.6*CS&48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11g CH11 2462MHz
 Memo :

Data NO. : 62
 Ant. pol. : HORIZONTAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4881.00	32.98	7.36	42.95	33.94	49.35	74.00	24.65	Peak
2	4883.26	32.98	7.36	27.91	33.94	34.31	54.00	19.69	Average
3	7293.11	36.30	9.06	27.10	34.05	38.41	54.00	15.59	Average
4	7294.00	36.30	9.06	40.37	34.05	51.68	74.00	22.32	Peak

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

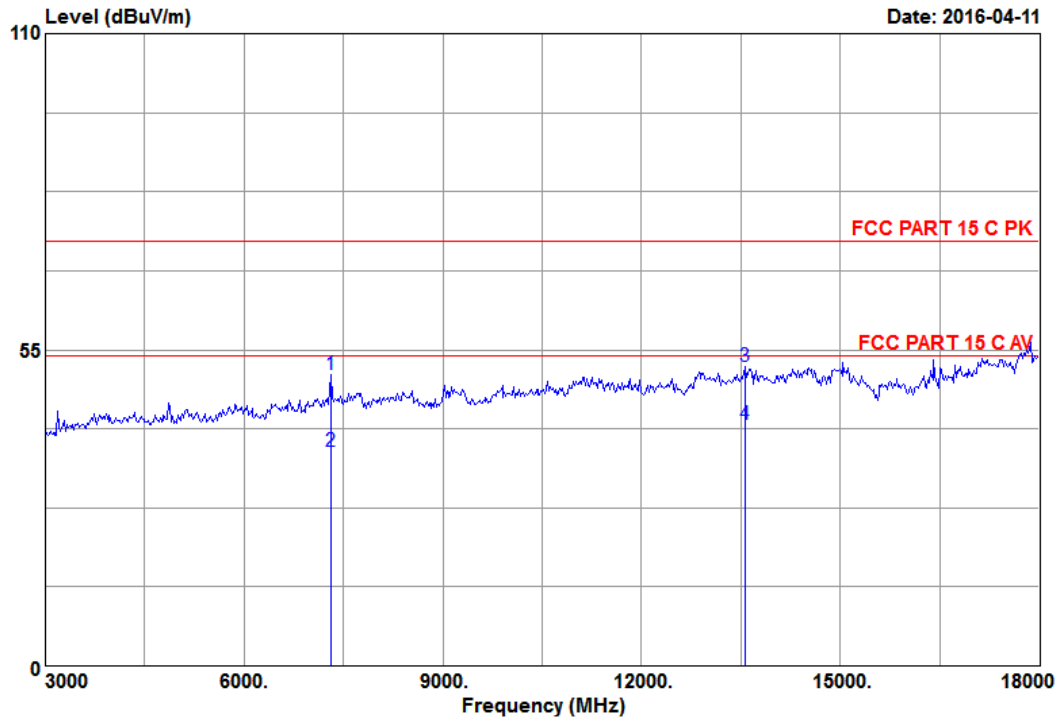


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Data: 64

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11g CH11 2462MHz
 Memo :

Data NO. : 64
 Ant. pol. : VERTICAL
 Engineer : Mickey

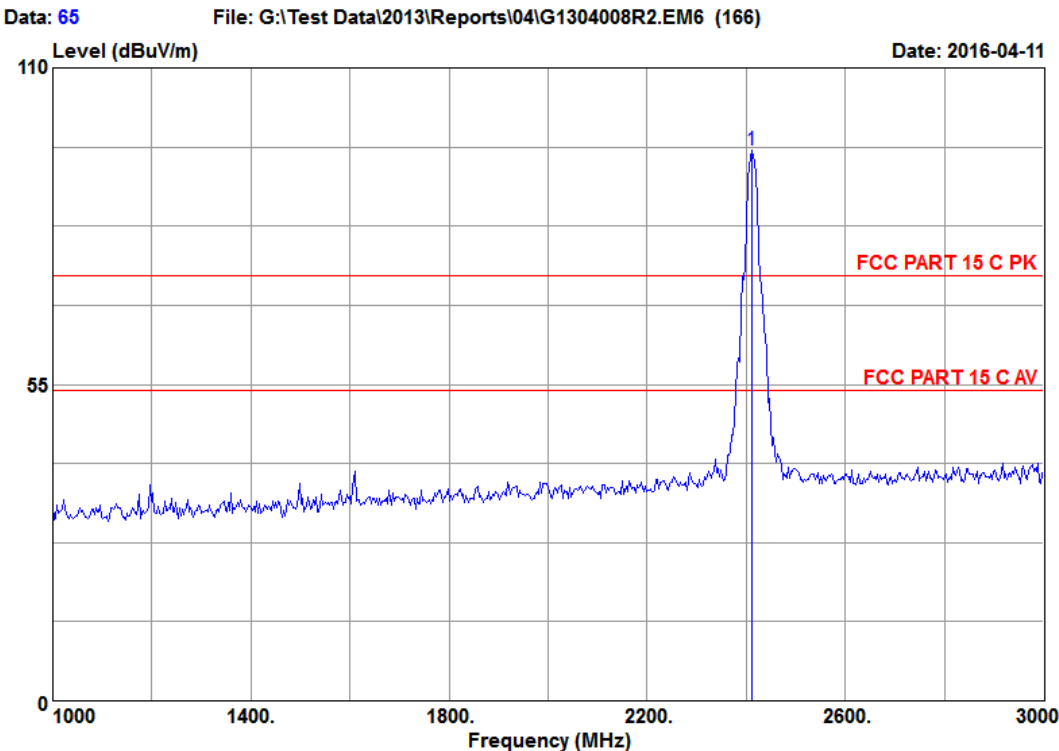
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	7313.00	36.34	9.08	39.41	34.05	50.78	74.00	23.22	Peak
2	7315.22	36.34	9.08	25.99	34.05	37.36	54.00	16.64	Average
3	13564.00	41.25	12.61	30.20	31.97	52.09	74.00	21.91	Peak
4	13566.13	41.25	12.61	20.13	31.97	42.02	54.00	11.98	Average

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

4.7.3. Type of Network : IEEE 802.11n HT20



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Site NO. : 3m Semi-Anechoic Chamber
Dis. / Ant. : 3m 3115-62960-150630
Limit : FCC PART 15 C PK
Env. / Ins. : 21.8°C&48%N9030A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating: DC 3.7V
Test Mode : TX 802.11nHT20 CH1 2412MHz
Memo :
Data NO. : 65
Ant. pol. : HORIZONTAL
Engineer : Mickey

Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1 2410.00	28.49	5.09	96.51	34.50	95.59	74.00	-21.59	Peak

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

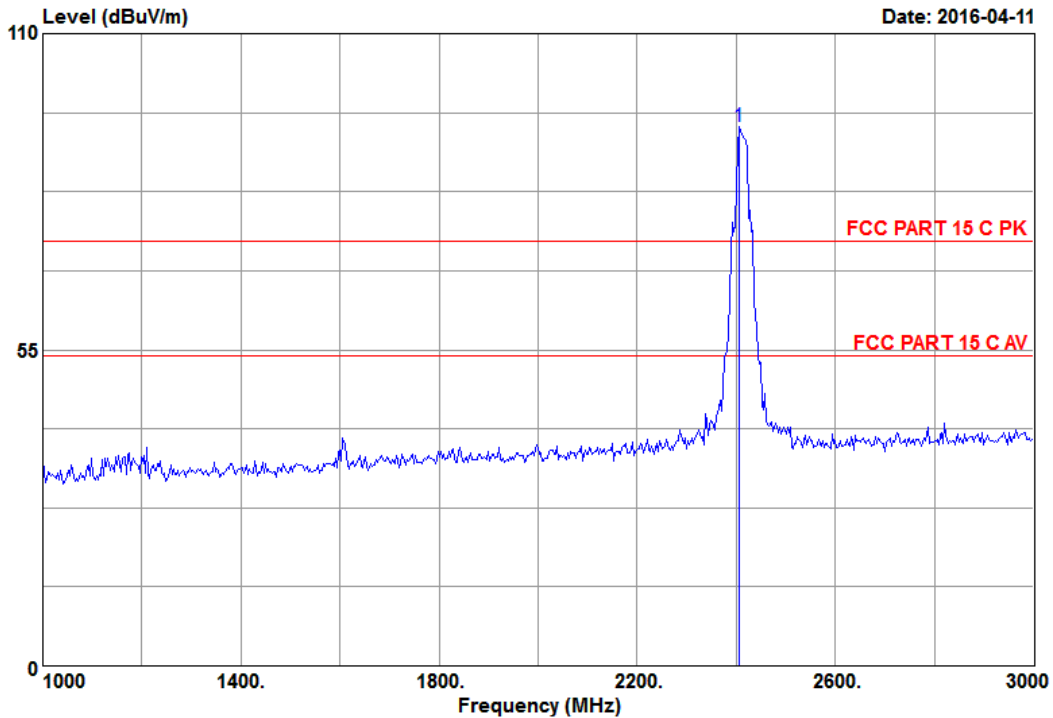


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Data: 67

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Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CG48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11nHT20 CH1 2412MHz
 Memo :

Data NO. : 67
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2407.00	28.49	5.09	94.83	34.50	93.91	74.00	-19.91	Peak

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

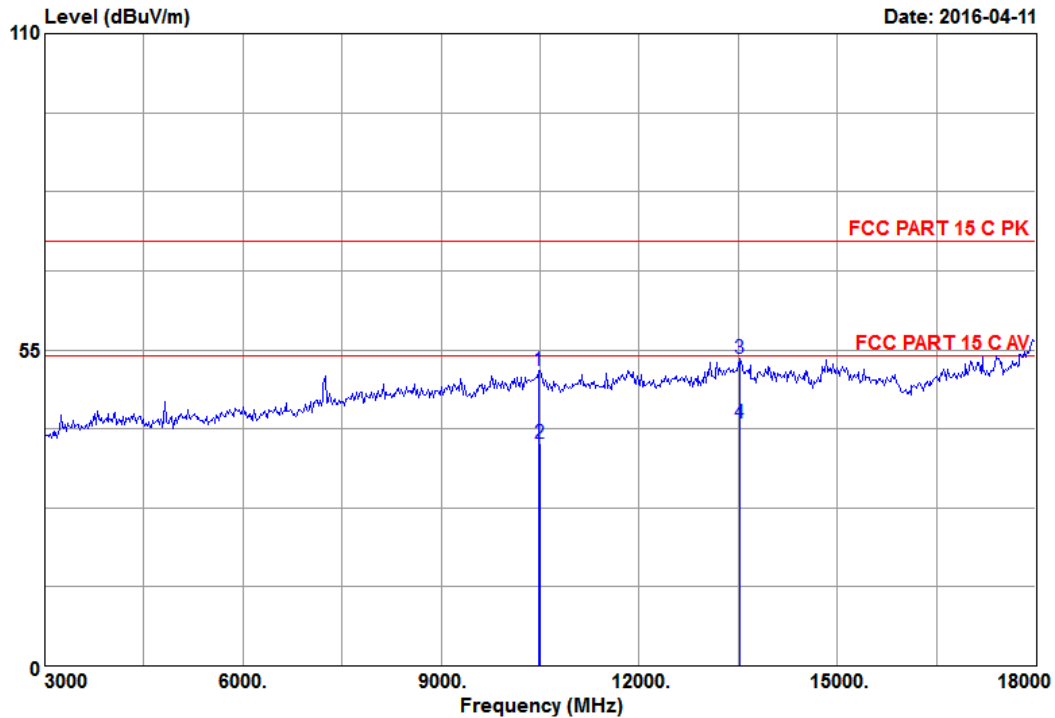


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Data: 66

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-inspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11nHT20 CH1 2412MHz
 Memo :

Data NO. : 66
 Ant. pol. : HORIZONTAL
 Engineer : Mickey

Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1 10486.00	39.57	11.09	34.83	34.07	51.42	74.00	22.58	Peak
2 10490.15	39.57	11.09	22.16	34.07	38.75	54.00	15.25	Average
3 13526.00	41.17	12.59	31.64	32.01	53.39	74.00	20.61	Peak
4 13527.11	41.17	12.59	20.57	32.01	42.32	54.00	11.68	Average

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

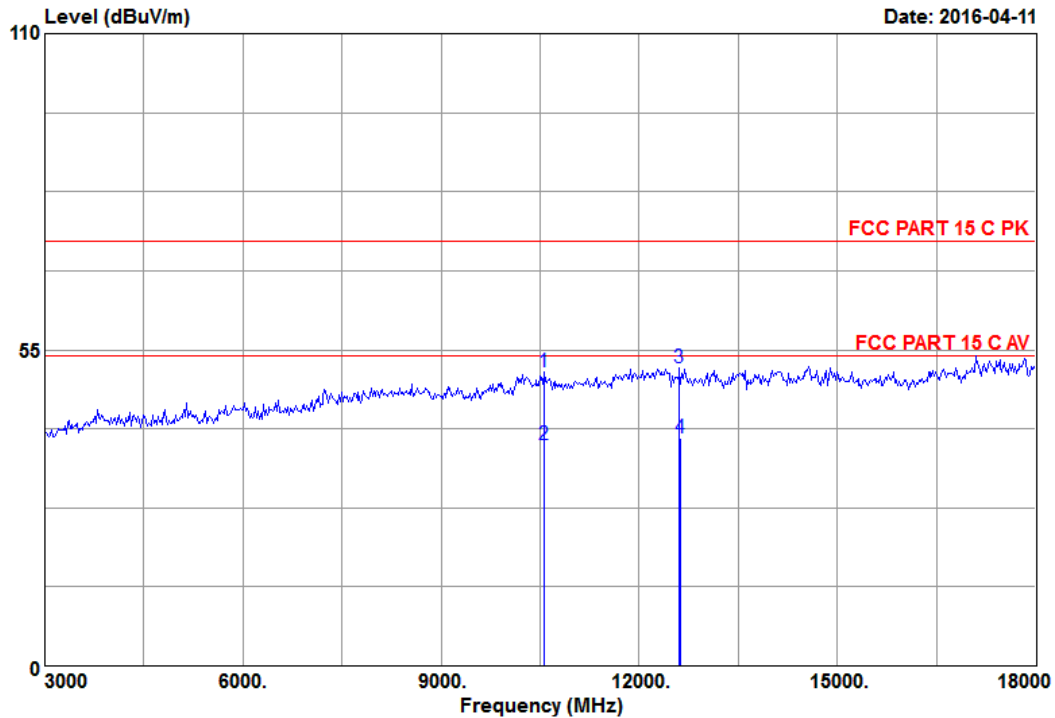


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Data: 68

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CS48%/N9030A
 EUT : TI-inspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11nHT20 CH1 2412MHz
 Memo :

Data NO. : 68
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10562.00	39.55	11.13	34.38	34.00	51.06	74.00	22.94	Peak
2	10564.91	39.53	11.13	21.91	34.00	38.57	54.00	15.43	Average
3	12614.00	39.06	11.99	33.71	33.00	51.76	74.00	22.24	Peak
4	12617.35	39.06	12.01	21.53	32.97	39.63	54.00	14.37	Average

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

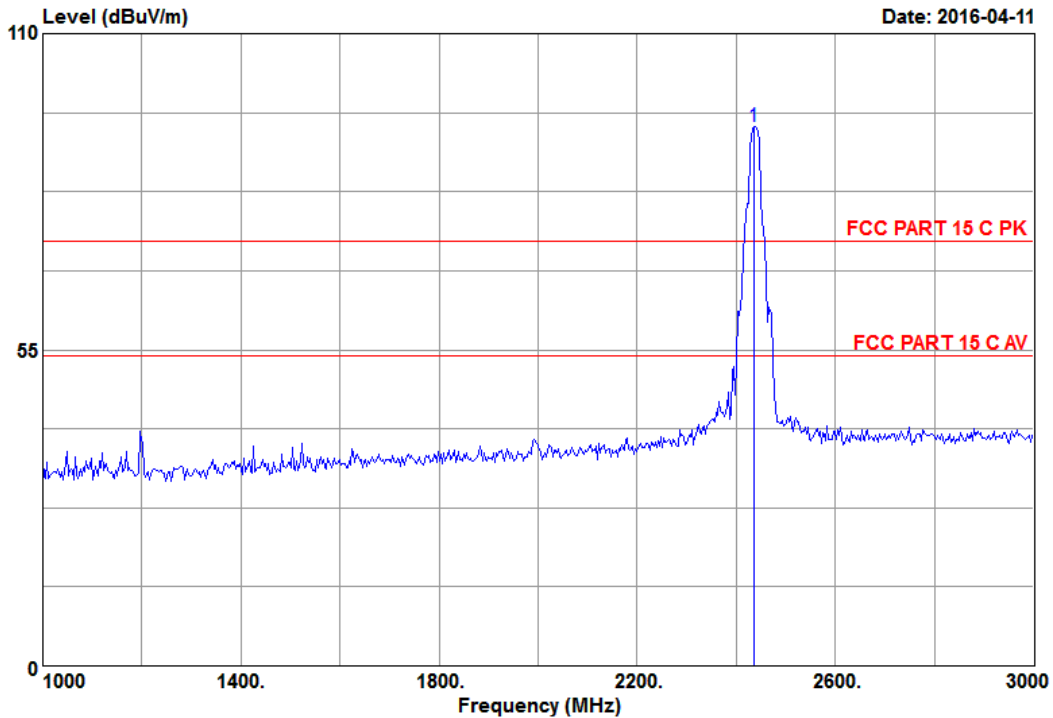


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Data: 69

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Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CG48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11nHT20 CH6 2437MHz
 Memo :

Data NO. : 69
 Ant. pol. : HORIZONTAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	28.58	5.12	94.55	34.50	93.75	74.00	-19.75	Peak

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

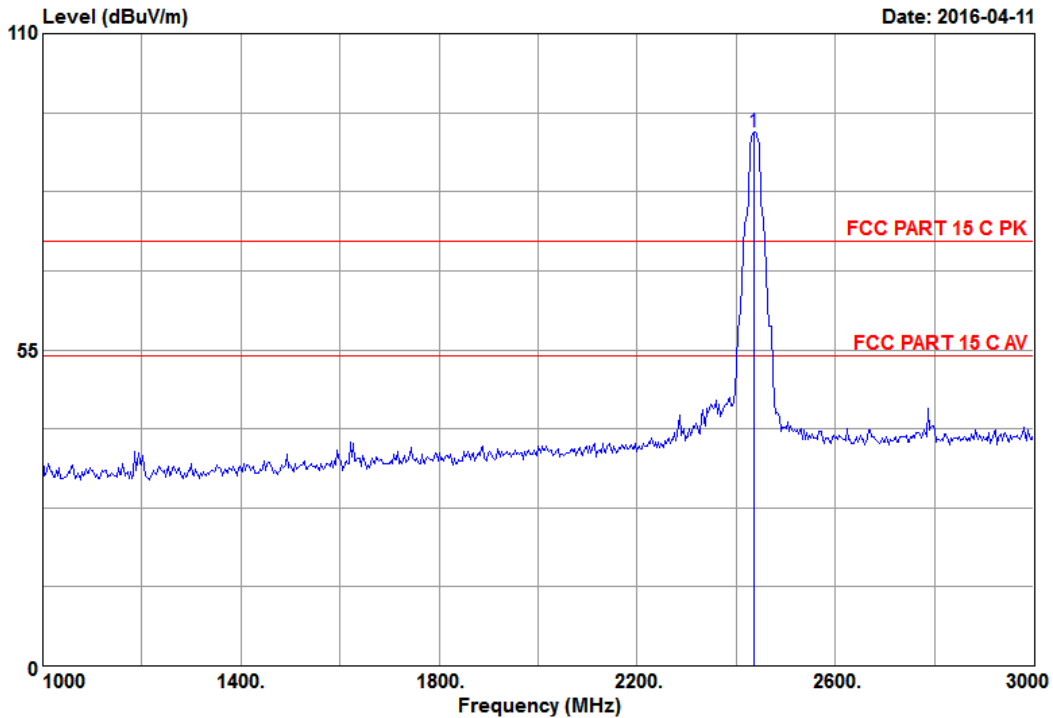


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Data: 71

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CG48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11nHT20 CH6 2437MHz
 Memo :

Data NO. : 71
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	28.58	5.12	93.59	34.50	92.79	74.00	-18.79	Peak

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

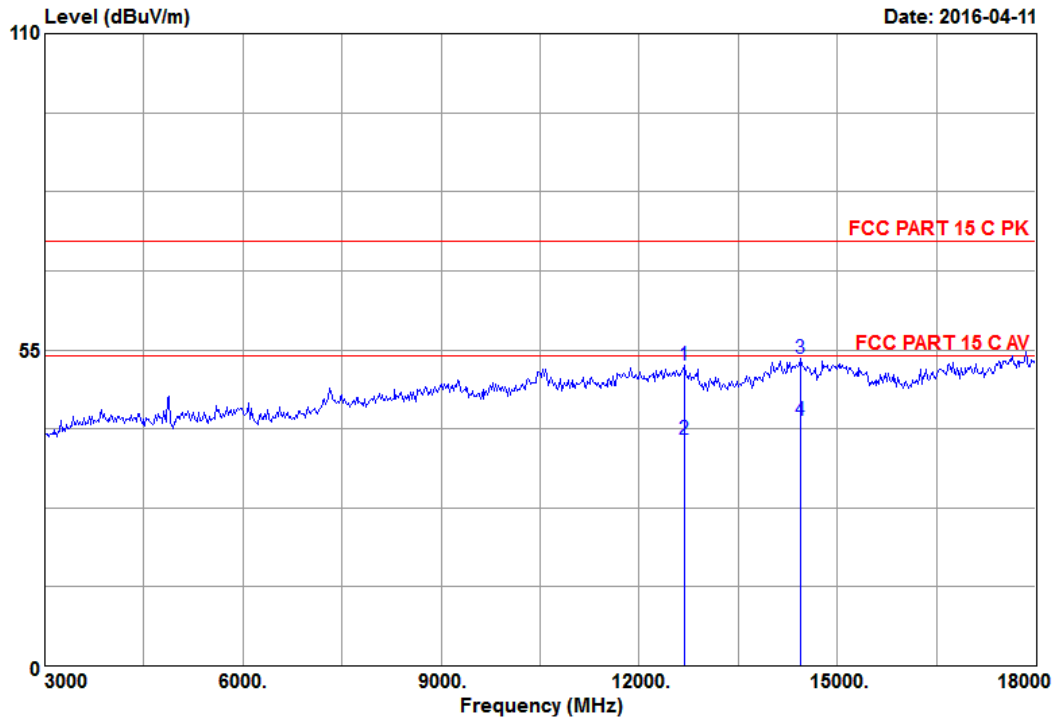


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Data: 70

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CS48%/N9030A
 EUT : TI-inspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11nHT20 CH6 2437MHz
 Memo :

Data NO. : 70
 Ant. pol. : HORIZONTAL
 Engineer : Mickey

Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1 12690.00	39.24	12.05	33.94	32.90	52.33	74.00	21.67	Peak
2 12691.30	39.24	12.05	21.10	32.90	39.49	54.00	14.51	Average
3 14438.00	42.54	12.99	30.09	32.20	53.42	74.00	20.58	Peak
4 14439.15	42.56	12.99	19.29	32.20	42.64	54.00	11.36	Average

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

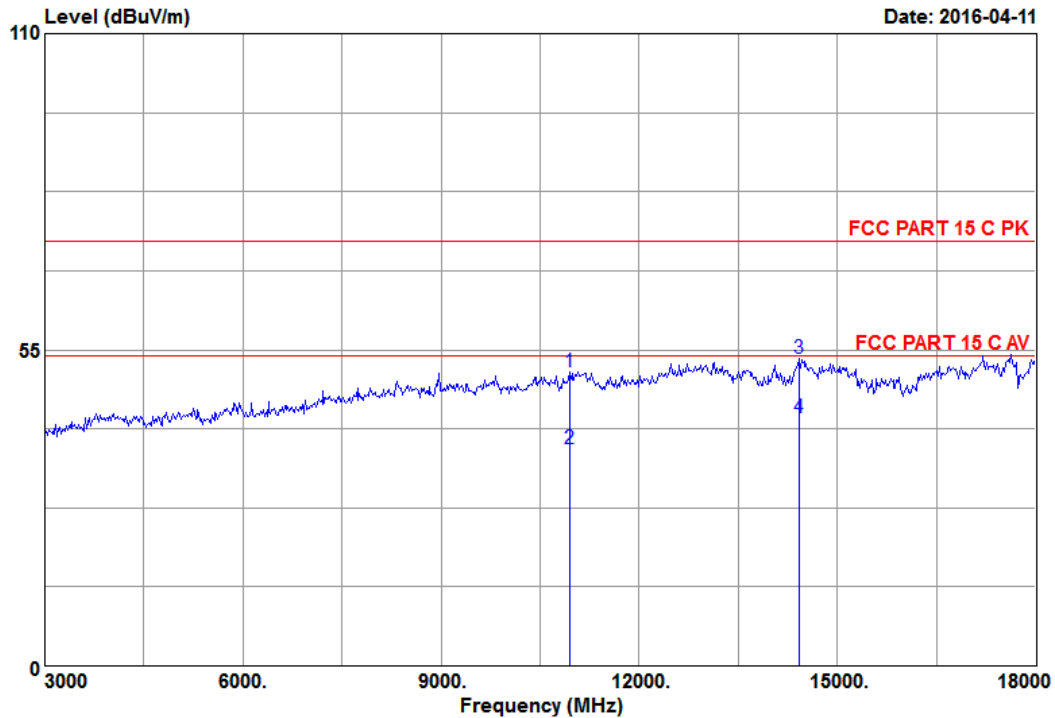


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Data: 72

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CS48%/N9030A
 EUT : TI-inspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11nHT20 CH6 2437MHz
 Memo :

Data NO. : 72
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10942.00	39.15	11.31	34.34	33.68	51.12	74.00	22.88	Peak
2	10943.15	39.15	11.31	21.10	33.68	37.88	54.00	16.12	Average
3	14419.00	42.53	12.98	30.06	32.17	53.40	74.00	20.60	Peak
4	14422.15	42.54	12.98	19.71	32.17	43.06	54.00	10.94	Average

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

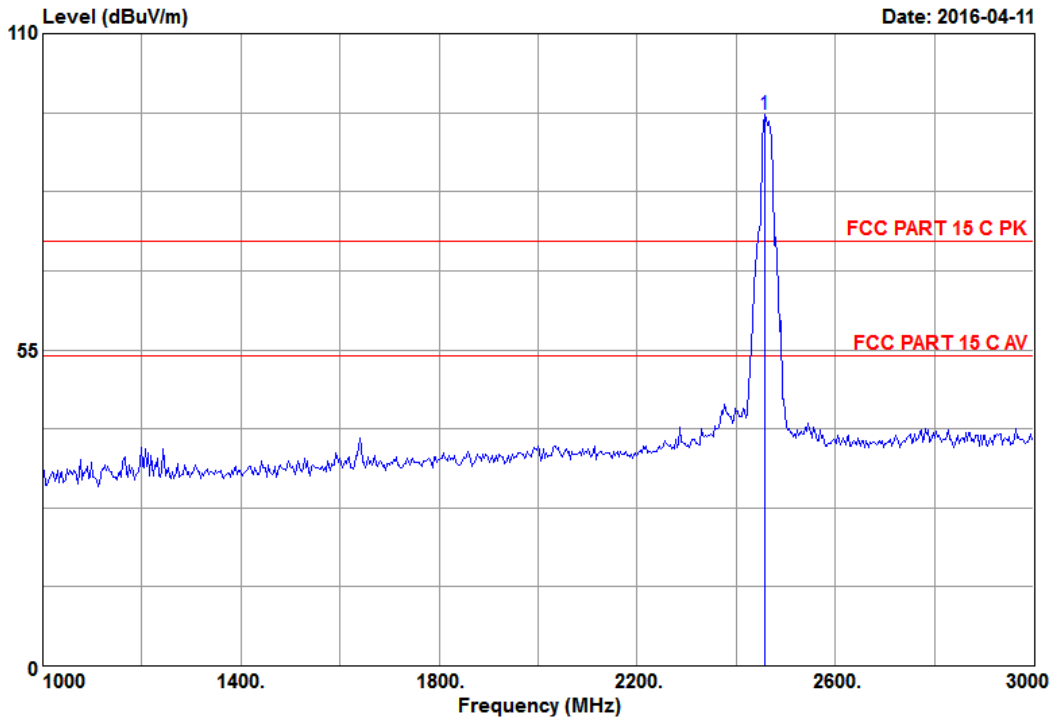


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Data: 73

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CG48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11nHT20 CH11 2462MHz
 Memo :
 Data NO. : 73
 Ant. pol. : HORIZONTAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2458.00	28.62	5.15	96.62	34.50	95.89	74.00	-21.89	Peak

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

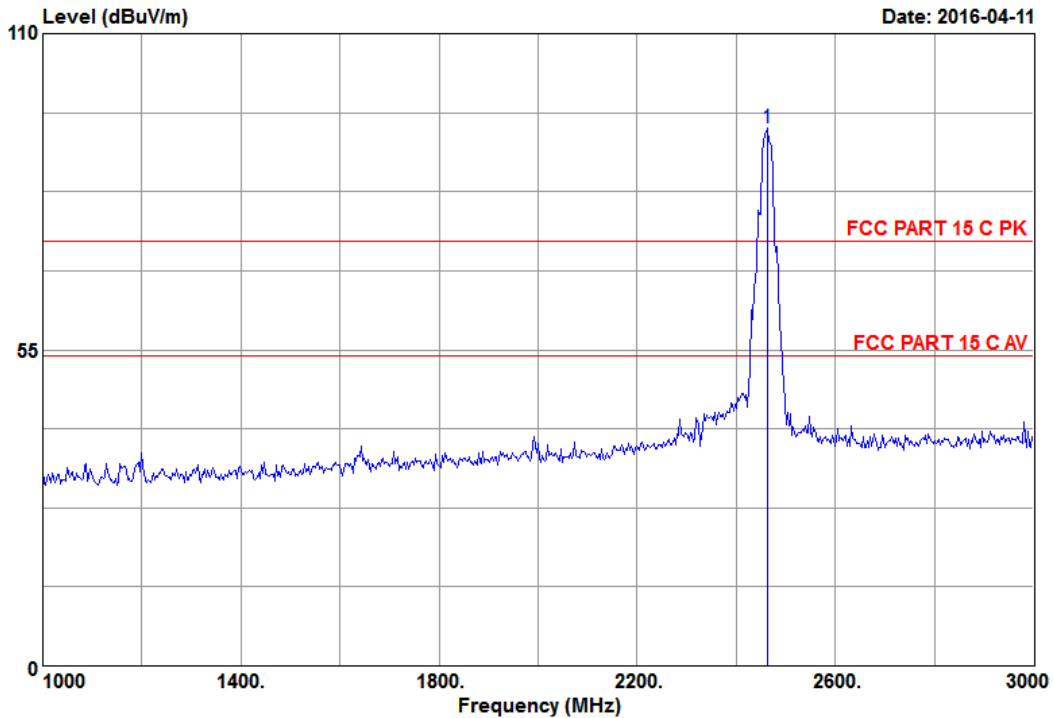


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Data: 75

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CG48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11nHT20 CH11 2462MHz
 Memo :

Data NO. : 75
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2464.00	28.62	5.15	94.37	34.50	93.64	74.00	-19.64	Peak

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

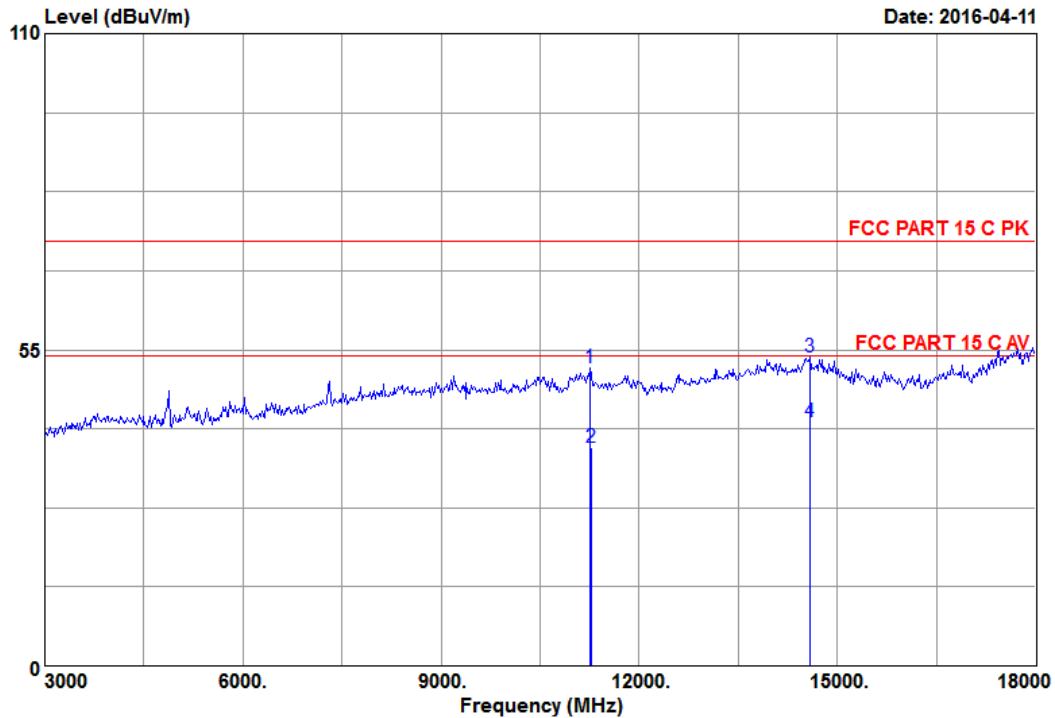


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Data: 74

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CS48%/N9030A
 EUT : TI-inspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11nHT20 CH11 2462MHz
 Memo :

Data NO. : 74
 Ant. pol. : HORIZONTAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11265.00	39.26	11.39	34.81	33.69	51.77	74.00	22.23	Peak
2	11269.17	39.26	11.39	21.15	33.69	38.11	54.00	15.89	Average
3	14590.00	42.33	13.04	30.74	32.42	53.69	74.00	20.31	Peak
4	14593.17	42.28	13.04	19.67	32.42	42.57	54.00	11.43	Average

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

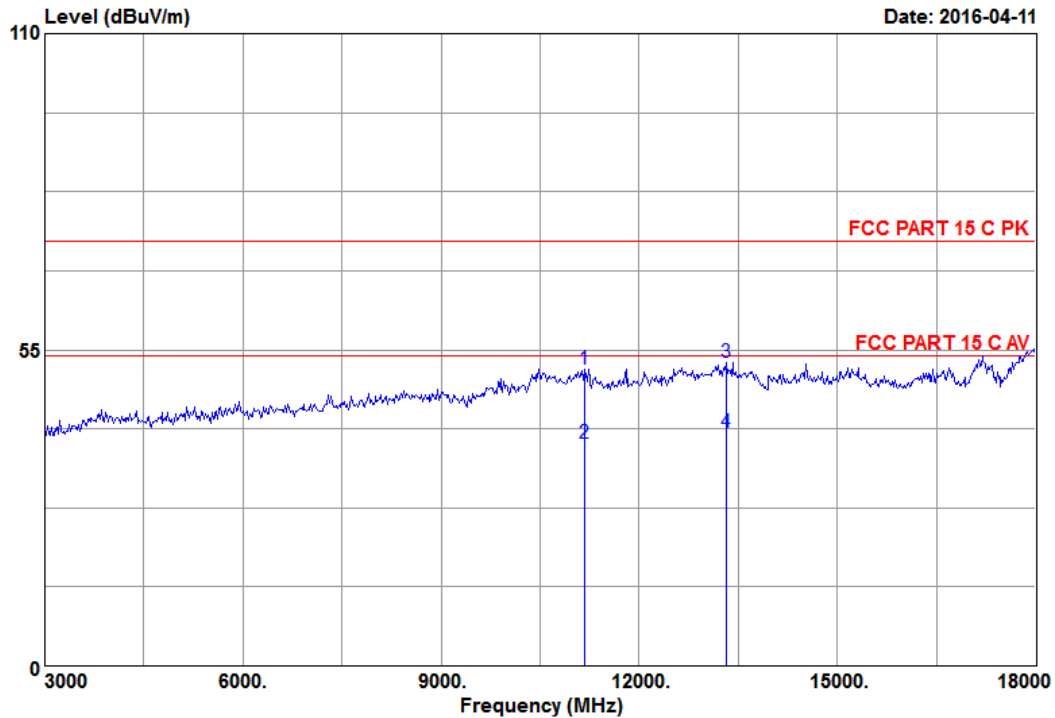


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Data: 76

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-11



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CS48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11nHT20 CH11 2462MHz
 Memo :

Data NO. : 76
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11170.00	39.20	11.37	34.68	33.67	51.58	74.00	22.42	Peak
2	11172.51	39.20	11.37	21.70	33.67	38.60	54.00	15.40	Average
3	13317.00	40.69	12.48	31.92	32.19	52.90	74.00	21.10	Peak
4	13320.11	40.69	12.48	19.61	32.19	40.59	54.00	13.41	Average

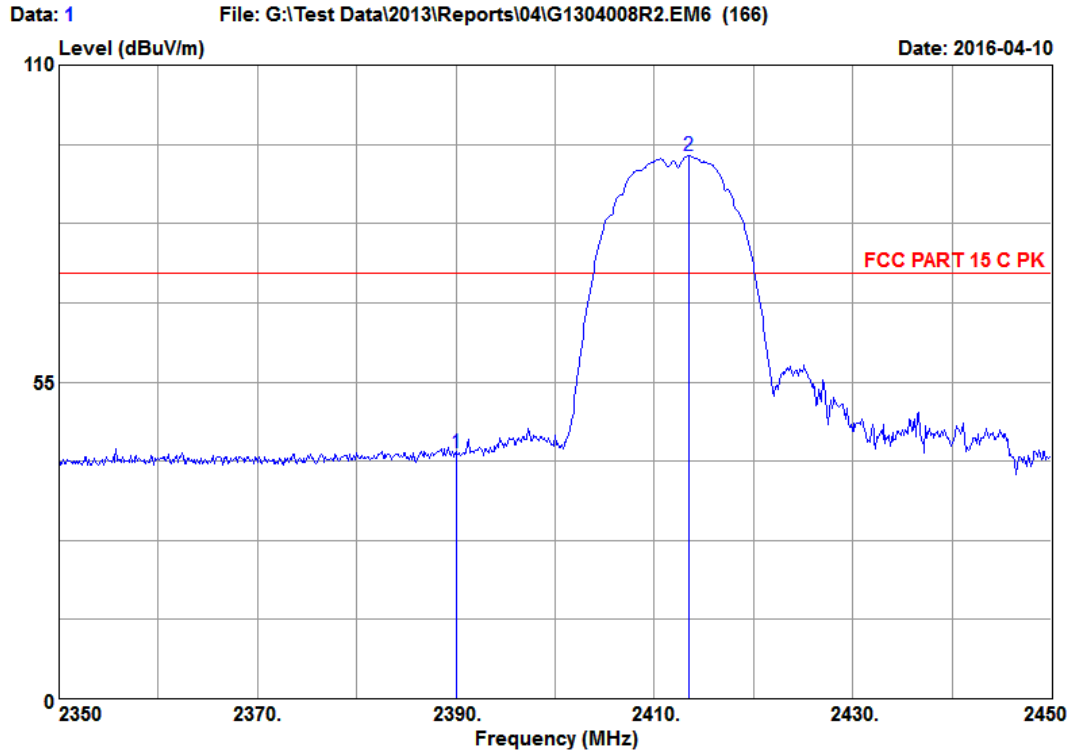
Remarks: 1. Emission Level= Ant.Factor + Cable Loss + Reading - Preamp.Factor.
 2. The emission levels that are 20dB below the official limit are not reported.

4.8. Spurious Emission Measurement Results in Band Edge Emission (FCC Part 15, 15.205)

4.8.1. IEEE 802.11b



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Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8°C&48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11b CH1 2412MHz
 Memo :
 Data NO. : 1
 Ant. pol. : HORIZONTAL
 Engineer : Mickey

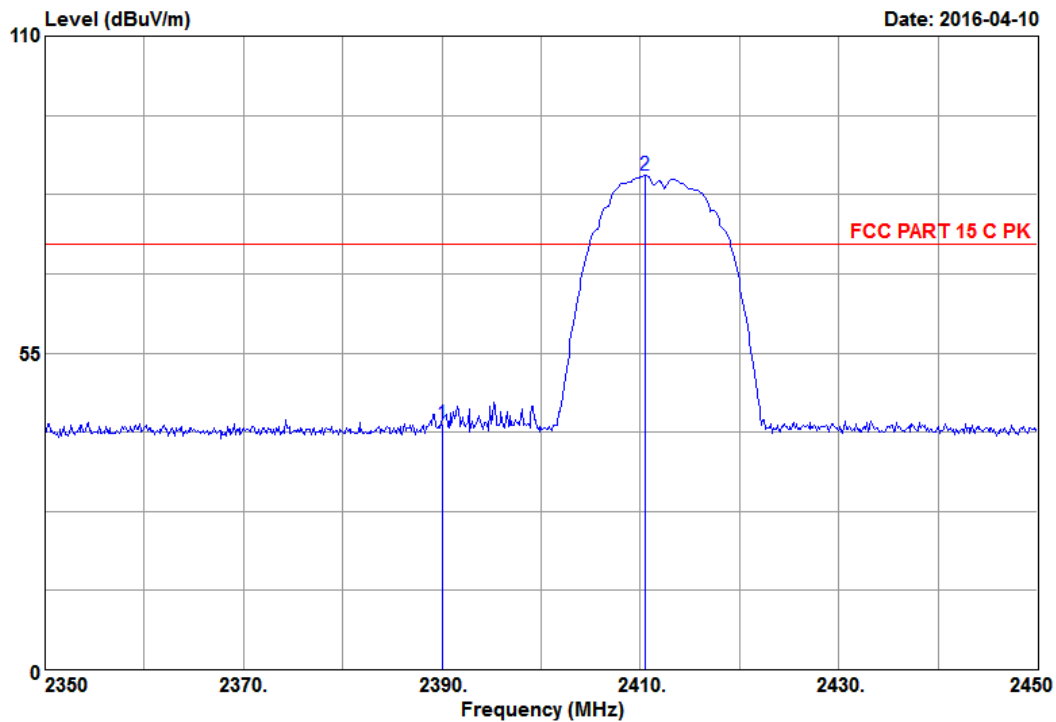
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBUV)	Preamp Factor (dB)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	2390.00	28.45	5.09	43.57	34.50	42.61	74.00	31.39	Peak
2	2413.48	28.49	5.09	95.11	34.50	94.19	74.00	-20.19	Peak

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



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Data: 2 File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)



Site NO.	: 3m Semi-Anechoic Chamber	Data NO.	: 2
Dis. / Ant.	: 3m 3115-62960-150630	Ant. pol.	: VERTICAL
Limit	: FCC PART 15 C PK	Engineer	: Mickey
Env. / Ins.	: 21.8*CS&48%/N9030A		
EUT	: TI-nspire CX Wireless Network Adapter v2		
M/N	: TINAVWNA2		
Power Rating:	: DC 3.7V		
Test Mode	: TX 802.11b CH1 2412MHz		
Memo	:		

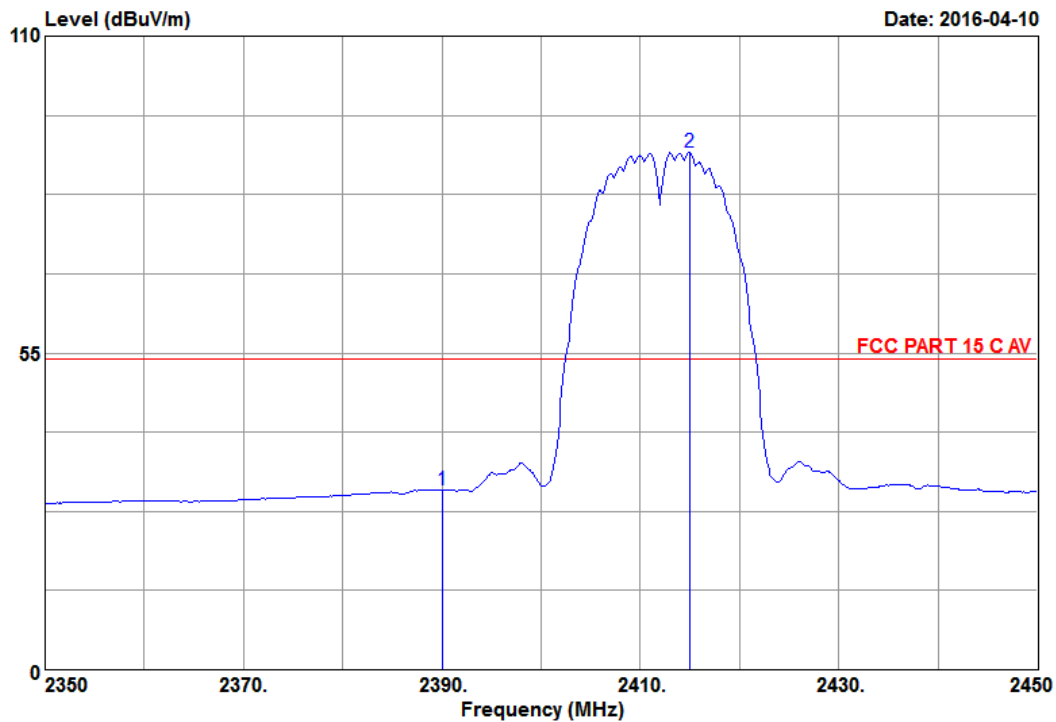
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.45	5.09	43.71	34.50	42.75	74.00	31.25	Peak
2	2410.48	28.49	5.09	86.86	34.50	85.94	74.00	-11.94	Peak

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



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Data: 3 File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber	Data NO. : 3
Dis. / Ant. : 3m 3115-62960-150630	Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C AV	
Env. / Ins. : 21.8*CS&48%/N9030A	Engineer : Mickey
EUT : TI-nspire CX Wireless Network Adapter v2	
M/N : TINAVWNA2	
Power Rating: DC 3.7V	
Test Mode : TX 802.11b CH1 2412MHz	
Memo :	

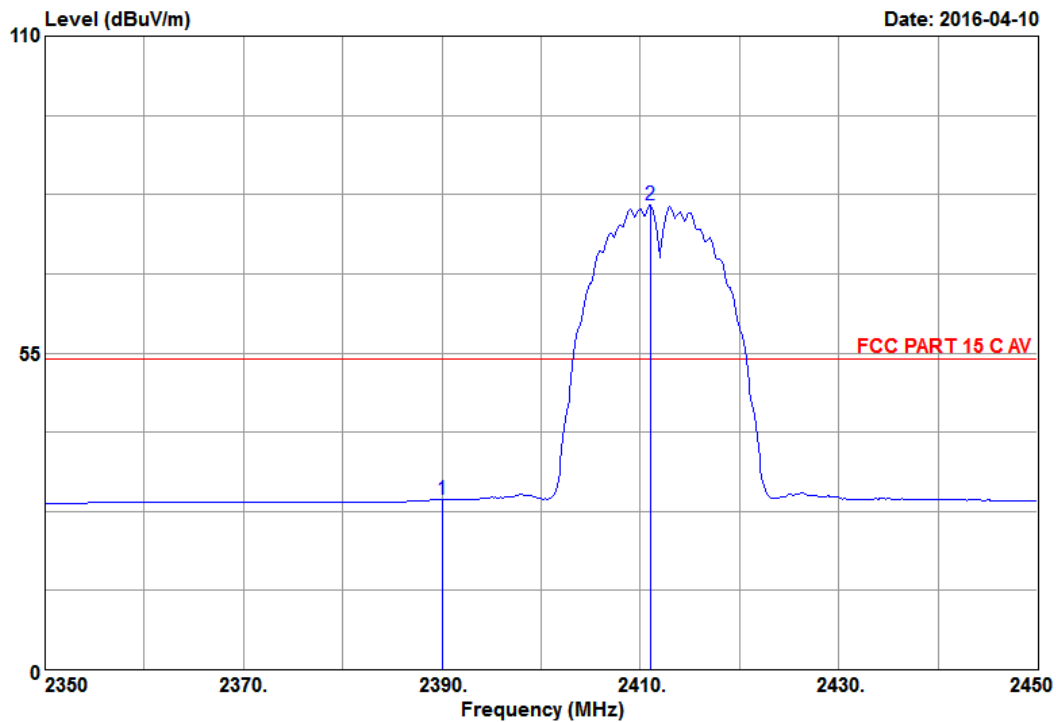
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.45	5.09	32.16	34.50	31.20	54.00	22.80	Average
2	2415.04	28.49	5.09	90.78	34.50	89.86	54.00	-35.86	Average

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



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Data: 4 File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C AV
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11b CH1 2412MHz
 Memo :

Data NO. : 4
 Ant. pol. : VERTICAL
 Engineer : Mickey

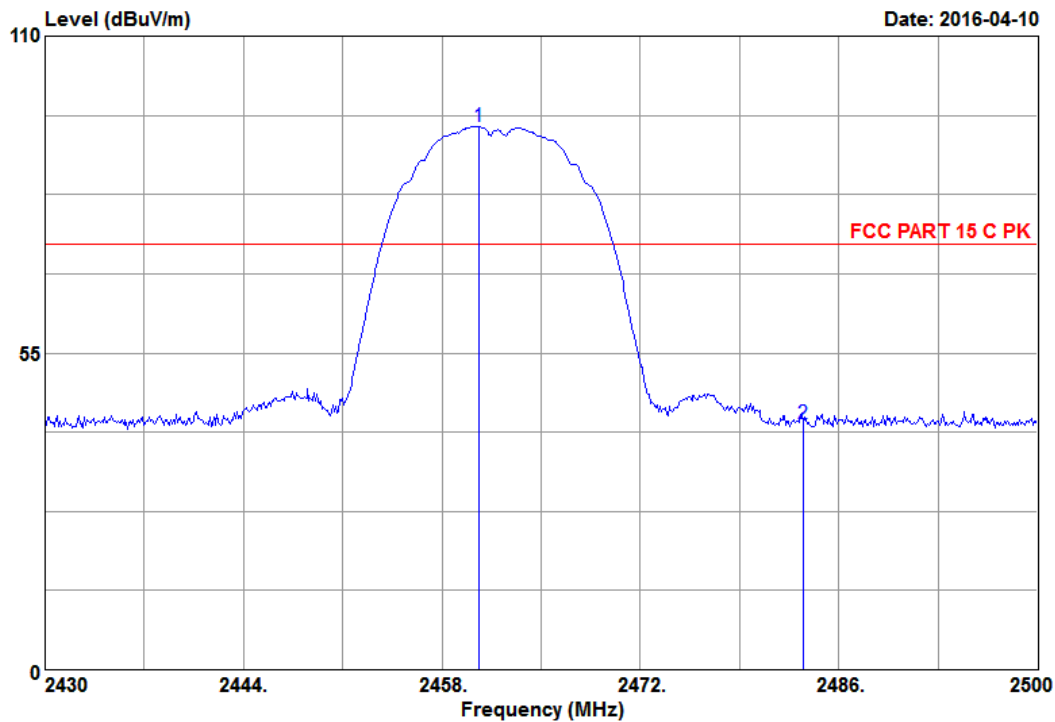
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.45	5.09	30.46	34.50	29.50	54.00	24.50	Average
2	2411.08	28.49	5.09	81.51	34.50	80.59	54.00	-26.59	Average

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



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Data: 5 File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber	Data NO. : 5
Dis. / Ant. : 3m 3115-62960-150630	Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C PK	
Env. / Ins. : 21.8*CS&48%/N9030A	Engineer : Mickey
EUT : TI-nspire CX Wireless Network Adapter v2	
M/N : TINAVWNA2	
Power Rating: DC 3.7V	
Test Mode : TX 802.11b CH11 2462MHz	
Memo :	

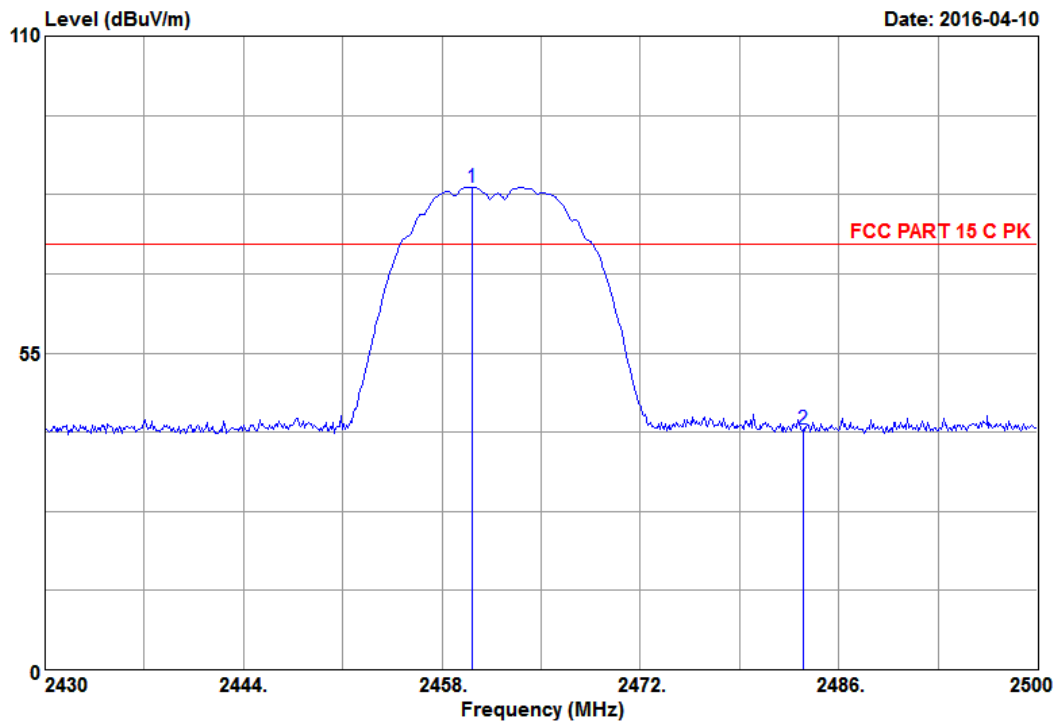
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2460.60	28.62	5.15	95.11	34.50	94.38	74.00	-20.38	Peak
2	2483.50	28.66	5.18	43.45	34.49	42.80	74.00	31.20	Peak

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



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Data: 6 File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)



Site NO.	: 3m Semi-Anechoic Chamber	Data NO.	: 6
Dis. / Ant.	: 3m 3115-62960-150630	Ant. pol.	: VERTICAL
Limit	: FCC PART 15 C PK	Engineer	: Mickey
Env. / Ins.	: 21.8*CS&48%/N9030A		
EUT	: TI-nspire CX Wireless Network Adapter v2		
M/N	: TINAVWNA2		
Power Rating:	: DC 3.7V		
Test Mode	: TX 802.11b CH11 2462MHz		
Memo	:		

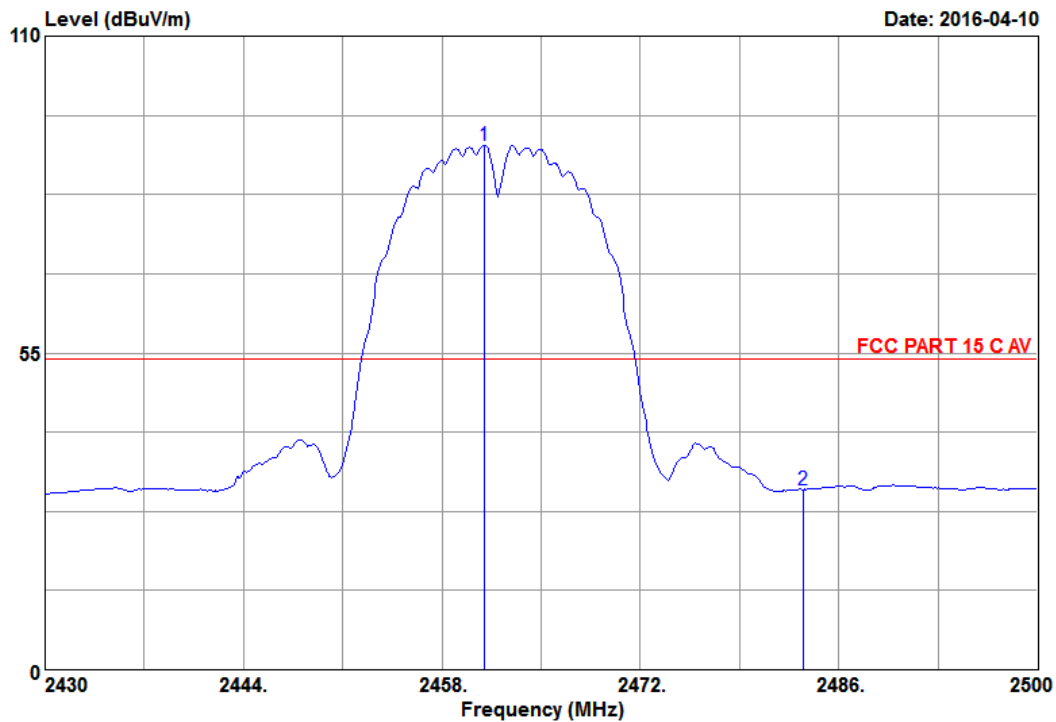
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2460.15	28.62	5.15	84.50	34.50	83.77	74.00	-9.77	Peak
2	2483.50	28.66	5.18	42.32	34.49	41.67	74.00	32.33	Peak

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



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Data: 7 File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber	Data NO. : 7
Dis. / Ant. : 3m 3115-62960-150630	Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C AV	
Env. / Ins. : 21.8*CS&48%/N9030A	Engineer : Mickey
EUT : TI-inspire CX Wireless Network Adapter v2	
M/N : TINAVWNA2	
Power Rating: DC 3.7V	
Test Mode : TX 802.11b CH11 2462MHz	
Memo :	

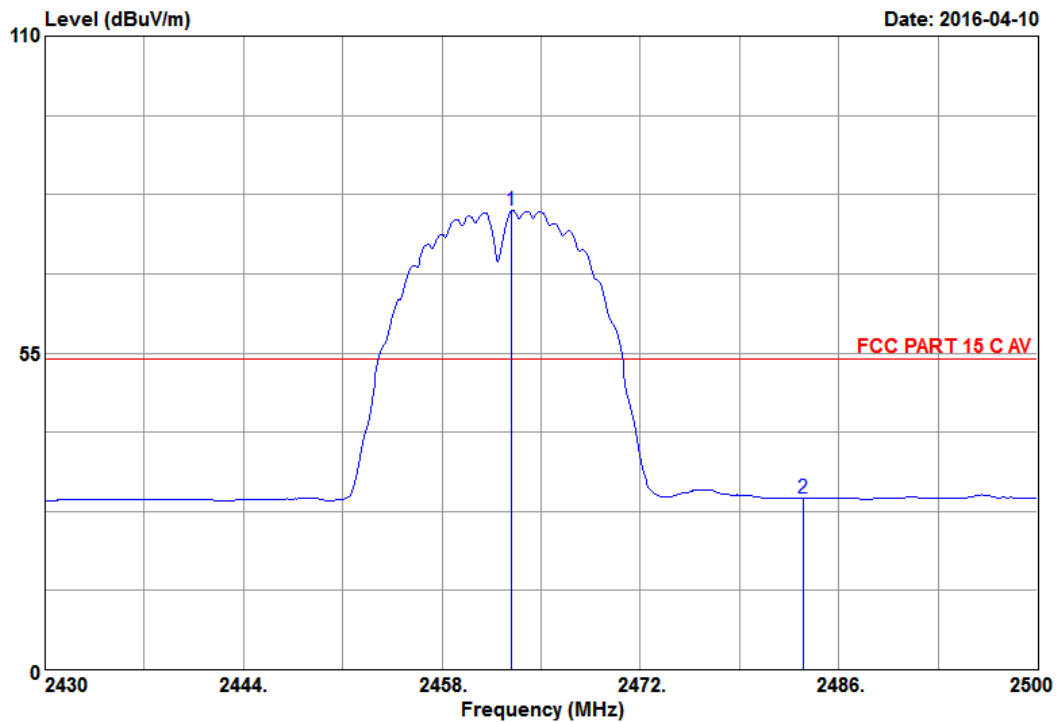
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2460.96	28.62	5.15	91.73	34.50	91.00	54.00	-37.00	Average
2	2483.50	28.66	5.18	31.87	34.49	31.22	54.00	22.78	Average

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



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Data: 8 File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber	Data NO. : 8
Dis. / Ant. : 3m 3115-62960-150630	Ant. pol. : VERTICAL
Limit : FCC PART 15 C AV	
Env. / Ins. : 21.8*CS&48%/N9030A	Engineer : Mickey
EUT : TI-inspire CX Wireless Network Adapter v2	
M/N : TINAVWNA2	
Power Rating: DC 3.7V	
Test Mode : TX 802.11b CH11 2462MHz	
Memo :	

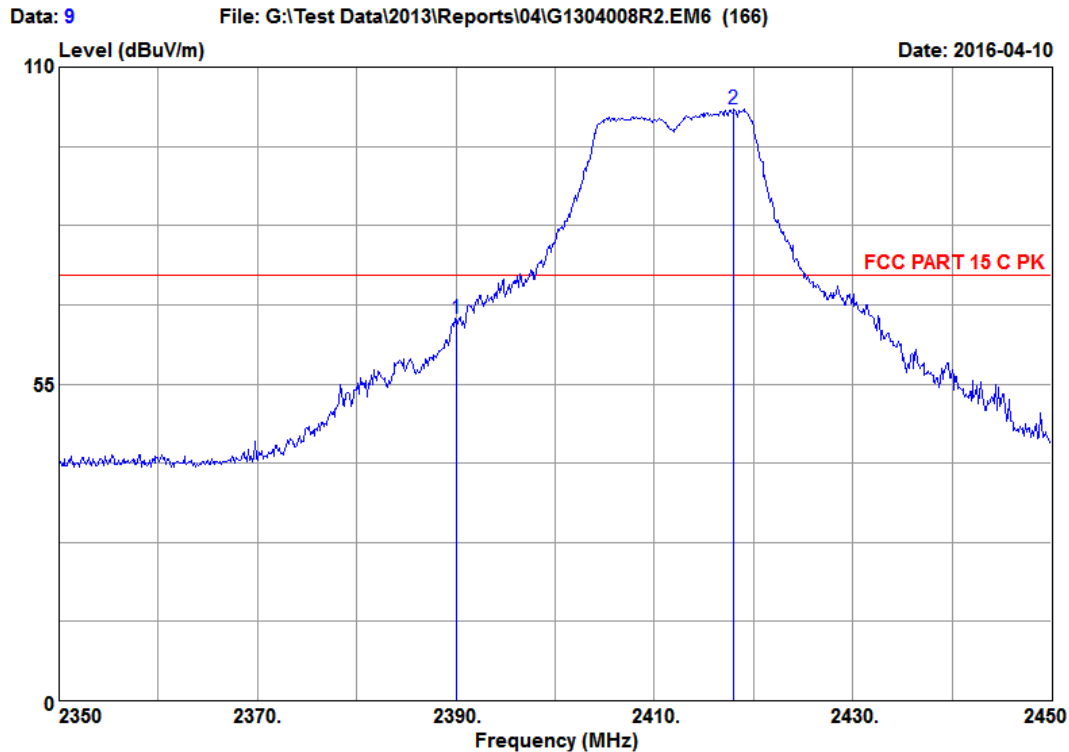
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.94	28.62	5.15	80.43	34.50	79.70	54.00	-25.70	Average
2	2483.50	28.66	5.18	30.38	34.49	29.73	54.00	24.27	Average

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

4.8.2. IEEE 802.11g



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Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11g CH1 2412MHz
 Memo :
 Data NO. : 9
 Ant. pol. : HORIZONTAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.45	5.09	67.28	34.50	66.32	74.00	7.68	Peak
2	2418.04	28.49	5.12	103.75	34.50	102.86	74.00	-28.86	Peak

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

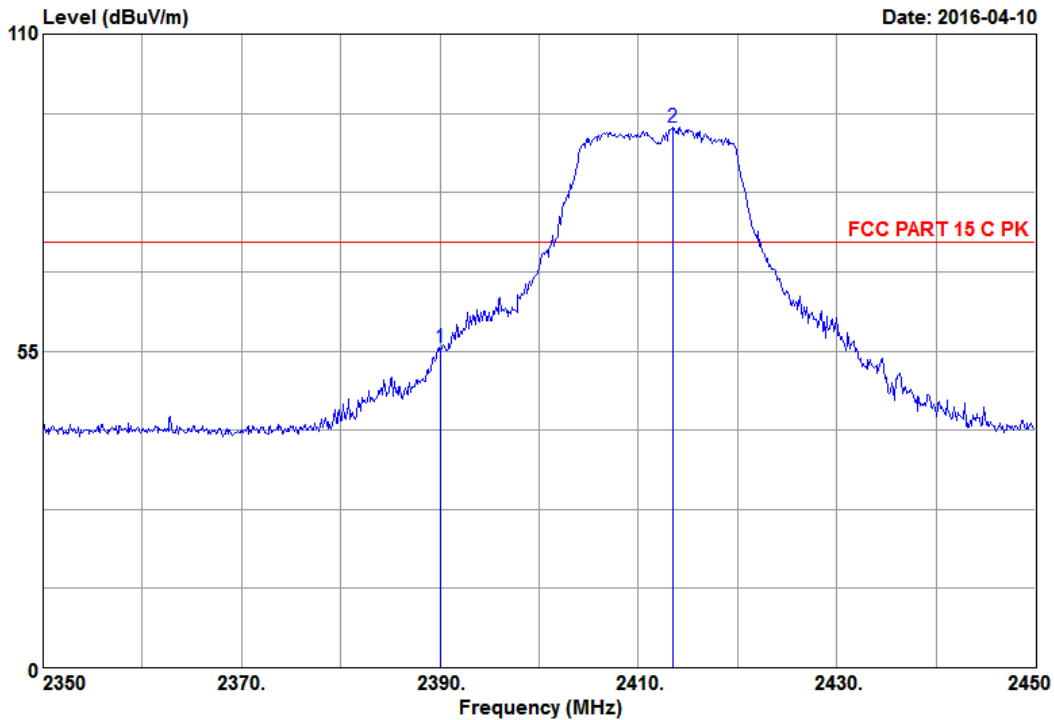


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Data: 10

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-10



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CS48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11g CH1 2412MHz
 Memo :

Data NO. : 10
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.45	5.09	56.44	34.50	55.48	74.00	18.52	Peak
2	2413.48	28.49	5.09	94.71	34.50	93.79	74.00	-19.79	Peak

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

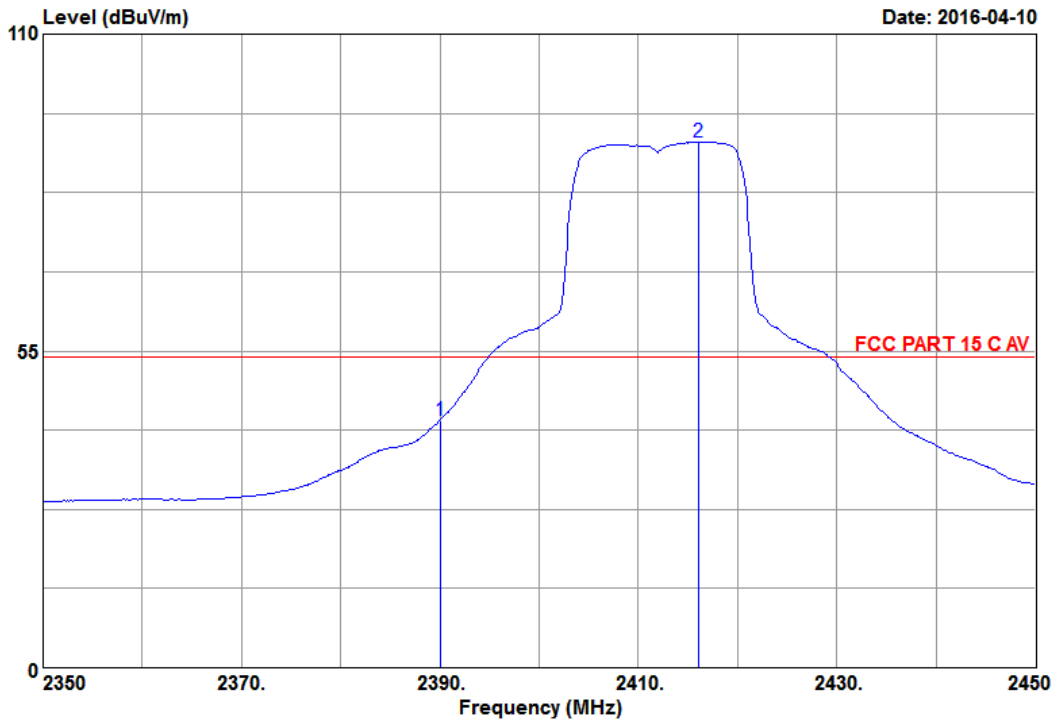


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Data: 11

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-10



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C AV
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-inspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11g CH1 2412MHz
 Memo :

Data NO. : 11
 Ant. pol. : HORIZONTAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.45	5.09	43.92	34.50	42.96	54.00	11.04	Average
2	2416.12	28.49	5.12	92.10	34.50	91.21	54.00	-37.21	Average

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

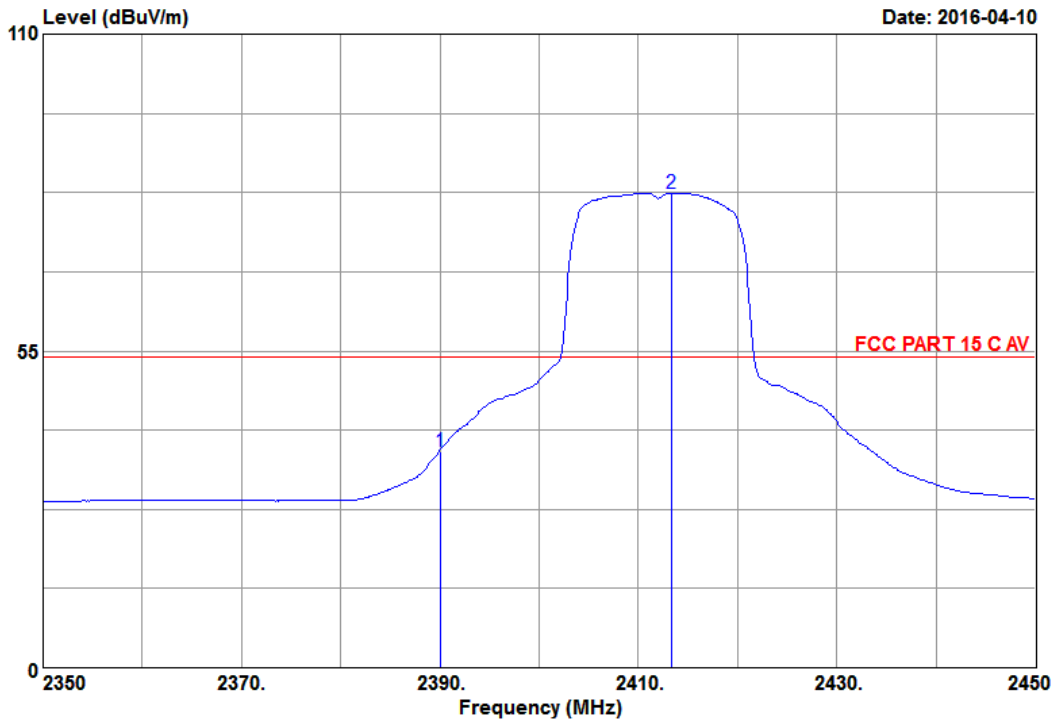


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Data: 12

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-10



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C AV
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-inspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11g CH1 2412MHz
 Memo :

Data NO. : 12
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.45	5.09	38.58	34.50	37.62	54.00	16.38	Average
2	2413.36	28.49	5.09	83.36	34.50	82.44	54.00	-28.44	Average

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

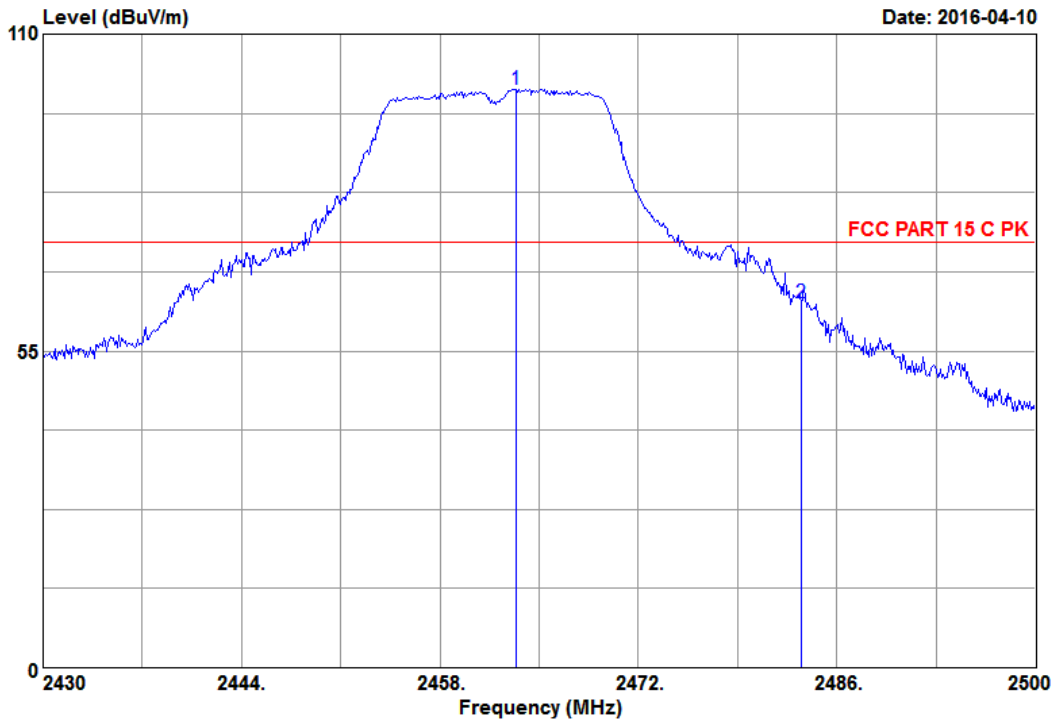


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Data: 13

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-10



Site NO.	: 3m Semi-Anechoic Chamber	Data NO.	: 13
Dis. / Ant.	: 3m 3115-62960-150630	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15 C PK	Engineer	: Mickey
Env. / Ins.	: 21.8*CS&48%/N9030A		
EUT	: TI-inspire CX Wireless Network Adapter v2		
M/N	: TINAVWNA2		
Power Rating	: DC 3.7V		
Test Mode	: TX 802.11g CH11 2462MHz		
Memo	:		

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBUV)	Preamp Factor (dB)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	2463.39	28.62	5.15	101.19	34.50	100.46	74.00	-26.46	Peak
2	2483.50	28.66	5.18	63.93	34.49	63.28	74.00	10.72	Peak

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

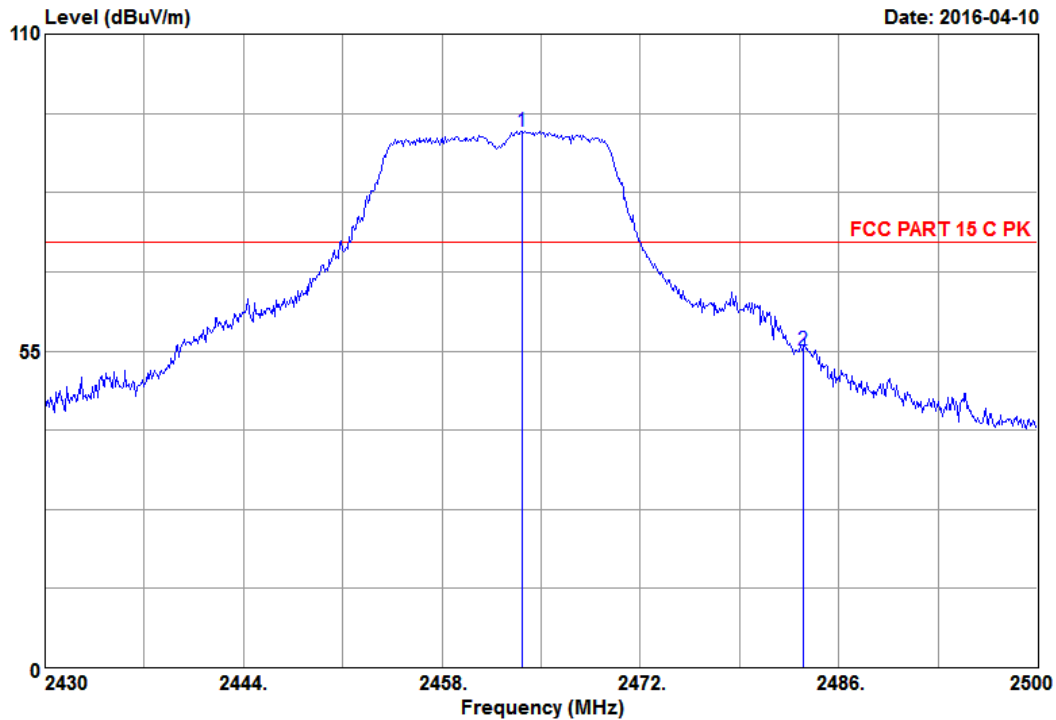


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Data: 14

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-10



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11g CH11 2462MHz
 Memo :

Data NO. : 14
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2463.66	28.62	5.15	93.86	34.50	93.13	74.00	-19.13	Peak
2	2483.50	28.66	5.18	55.85	34.49	55.20	74.00	18.80	Peak

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

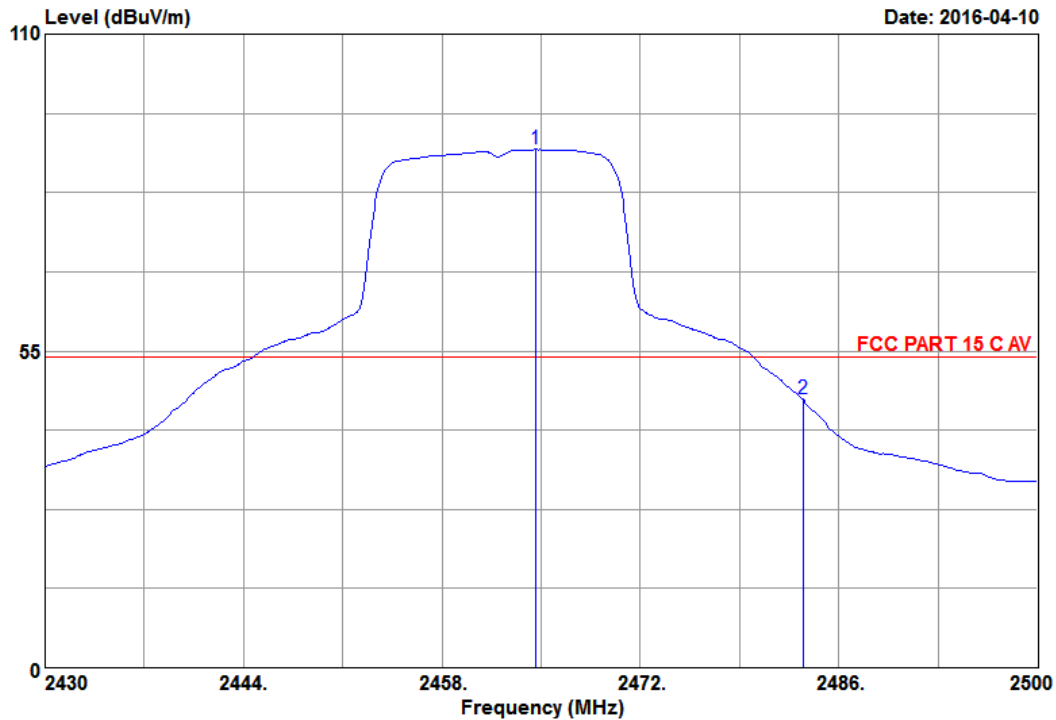


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Data: 15

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-10



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C AV
 Env. / Ins. : 21.8*CS48%/N9030A
 EUT : TI-inspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11g CH11 2462MHz
 Memo :

Data NO. : 15
 Ant. pol. : HORIZONTAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2464.65	28.62	5.15	90.71	34.50	89.98	54.00	-35.98	Average
2	2483.50	28.66	5.18	47.24	34.49	46.59	54.00	7.41	Average

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

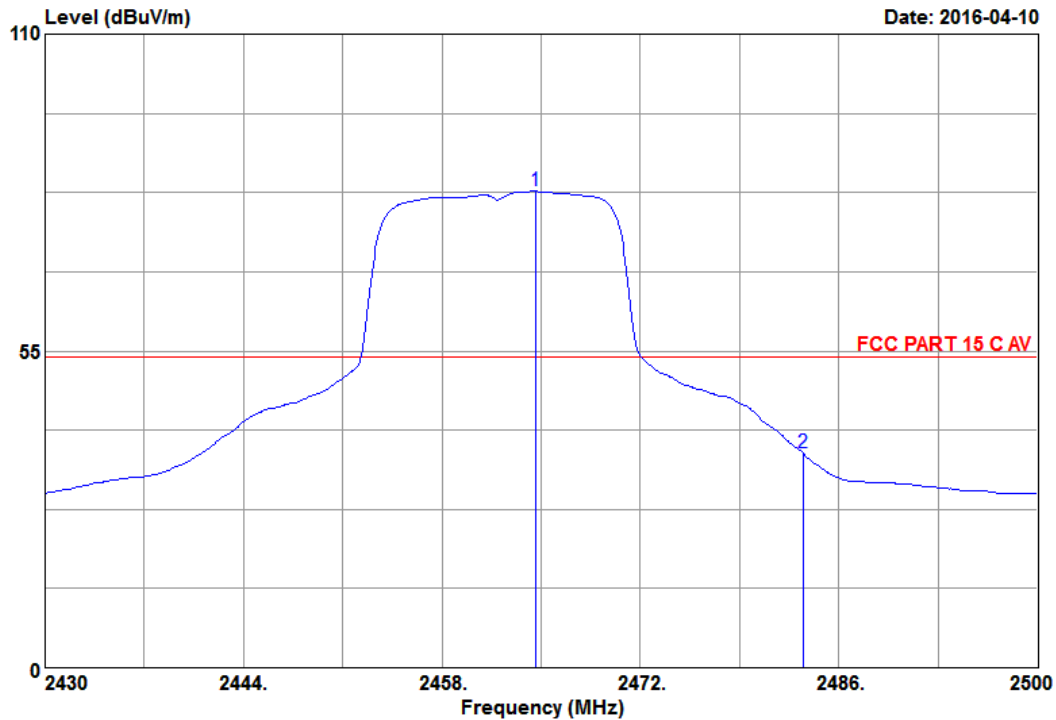


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Data: 16

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-10



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C AV
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-inspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11g CH11 2462MHz
 Memo :

Data NO. : 16
 Ant. pol. : VERTICAL
 Engineer : Mickey

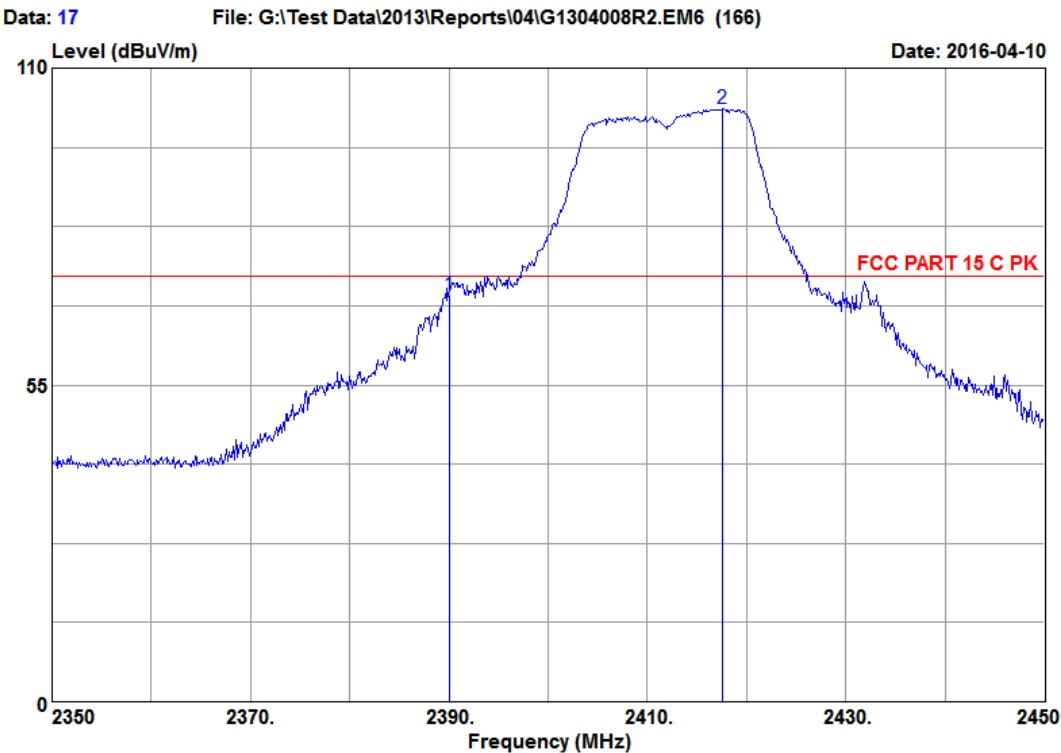
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2464.65	28.62	5.15	83.44	34.50	82.71	54.00	-28.71	Average
2	2483.50	28.66	5.18	37.91	34.49	37.26	54.00	16.74	Average

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

4.8.3. IEEE 802.11n HT20



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Site NO. : 3m Semi-Anechoic Chamber
Dis. / Ant. : 3m 3115-62960-150630
Limit : FCC PART 15 C PK
Env. / Ins. : 21.8*CS&48%/N9030A
EUT : TI-inspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating: DC 3.7V
Test Mode : TX 802.11nHT20 CH1 2412MHz
Memo :
Data NO. : 17
Ant. pol. : HORIZONTAL
Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.45	5.09	71.61	34.50	70.65	74.00	3.35	Peak
2	2417.56	28.49	5.12	103.80	34.50	102.91	74.00	-28.91	Peak

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

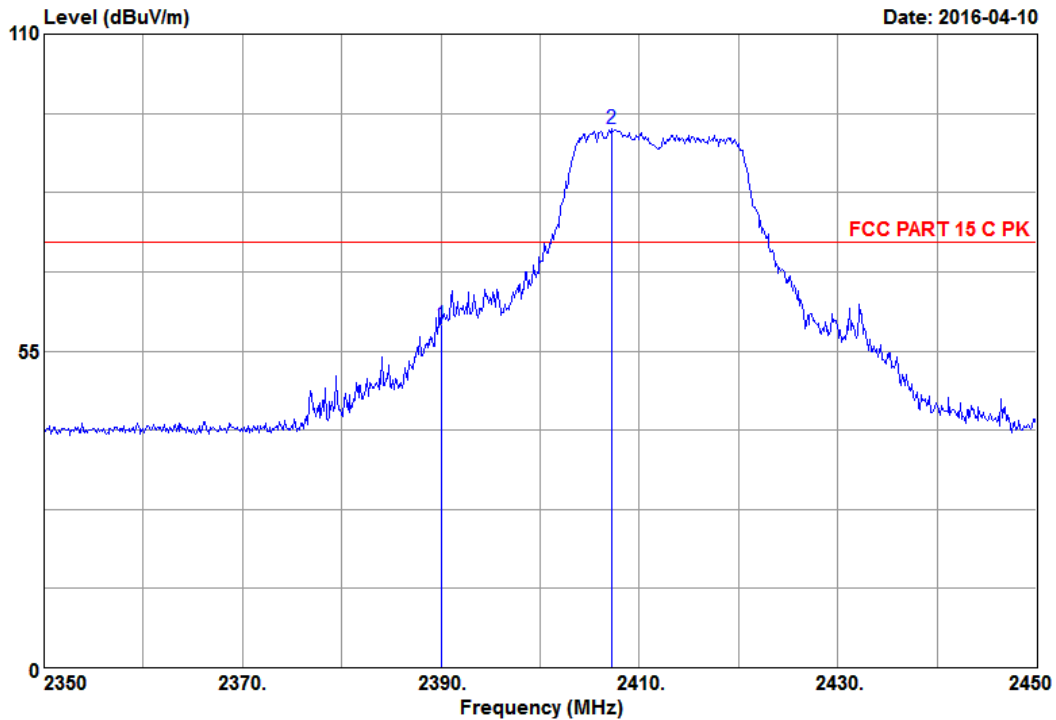


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Data: 18

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Date: 2016-04-10



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 18
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : VERTICAL
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CS48%/N9030A Engineer : Mickey
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11nHT20 CH1 2412MHz
 Memo :

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.45	5.09	60.57	34.50	59.61	74.00	14.39	Peak
2	2407.24	28.49	5.09	94.43	34.50	93.51	74.00	-19.51	Peak

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

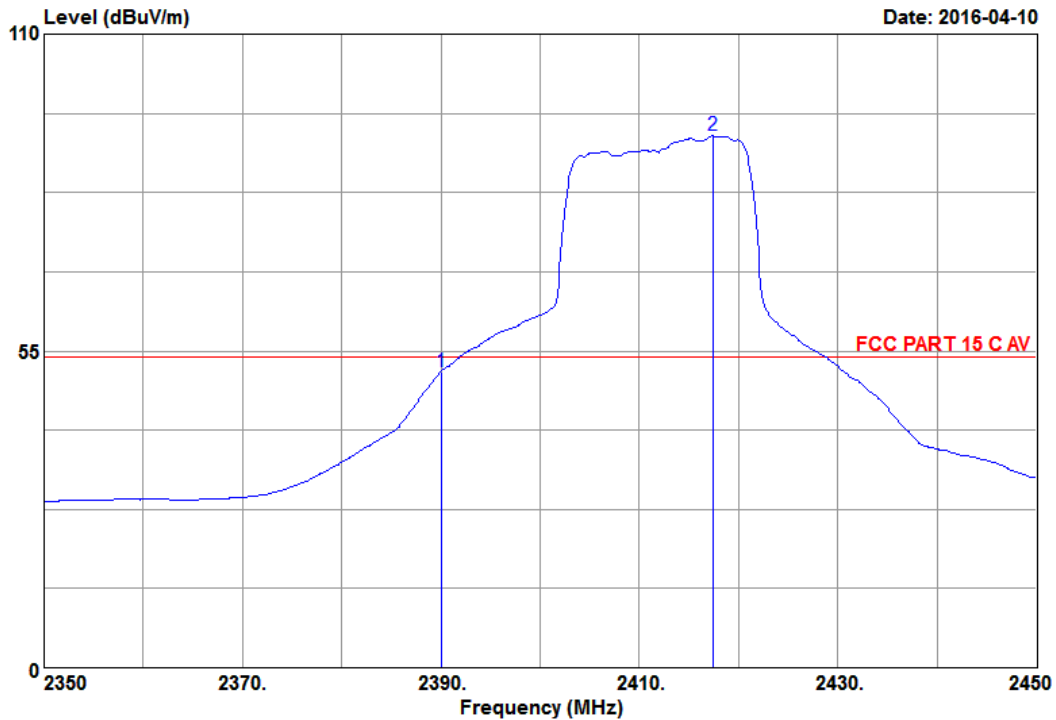


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Data: 19

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-10



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 19
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 C AV
 Env. / Ins. : 21.8*CS48%/N9030A Engineer : Mickey
 EUT : TI-inspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11nHT20 CH1 2412MHz
 Memo :

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamplifier Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.45	5.09	52.29	34.50	51.33	54.00	2.67	Average
2	2417.44	28.49	5.12	93.20	34.50	92.31	54.00	-38.31	Average

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

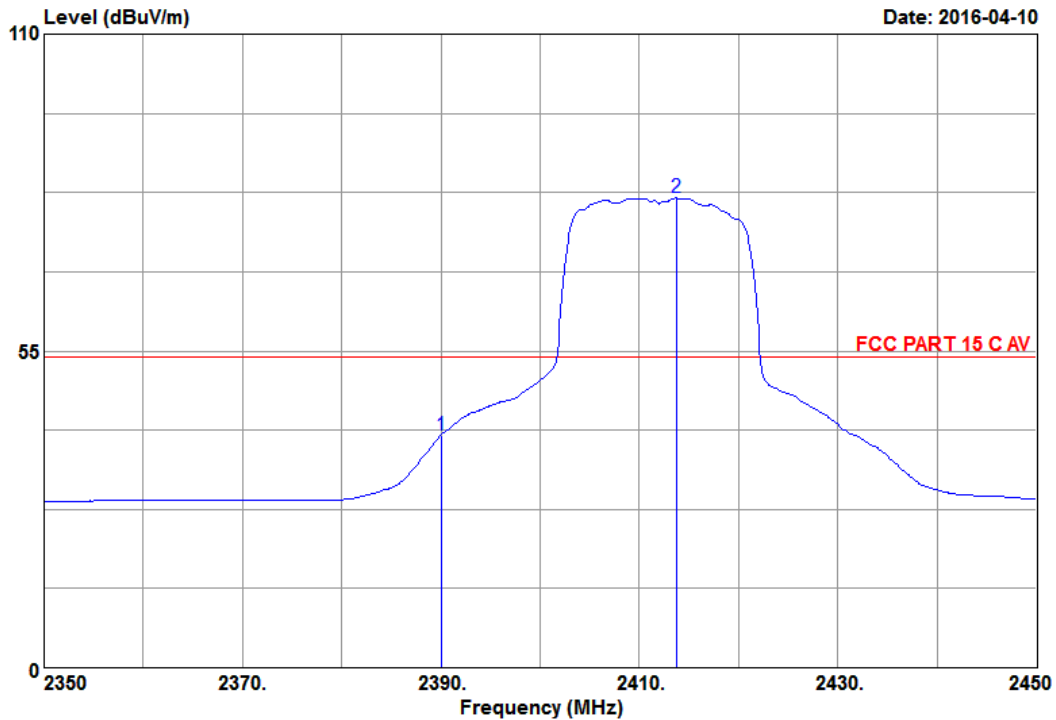


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Data: 20

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Date: 2016-04-10



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C AV
 Env. / Ins. : 21.8*CS48%/N9030A
 EUT : TI-nspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11nHT20 CH1 2412MHz
 Memo :
 Data NO. : 20
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamplifier Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.45	5.09	41.28	34.50	40.32	54.00	13.68	Average
2	2413.72	28.49	5.09	82.44	34.50	81.52	54.00	-27.52	Average

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

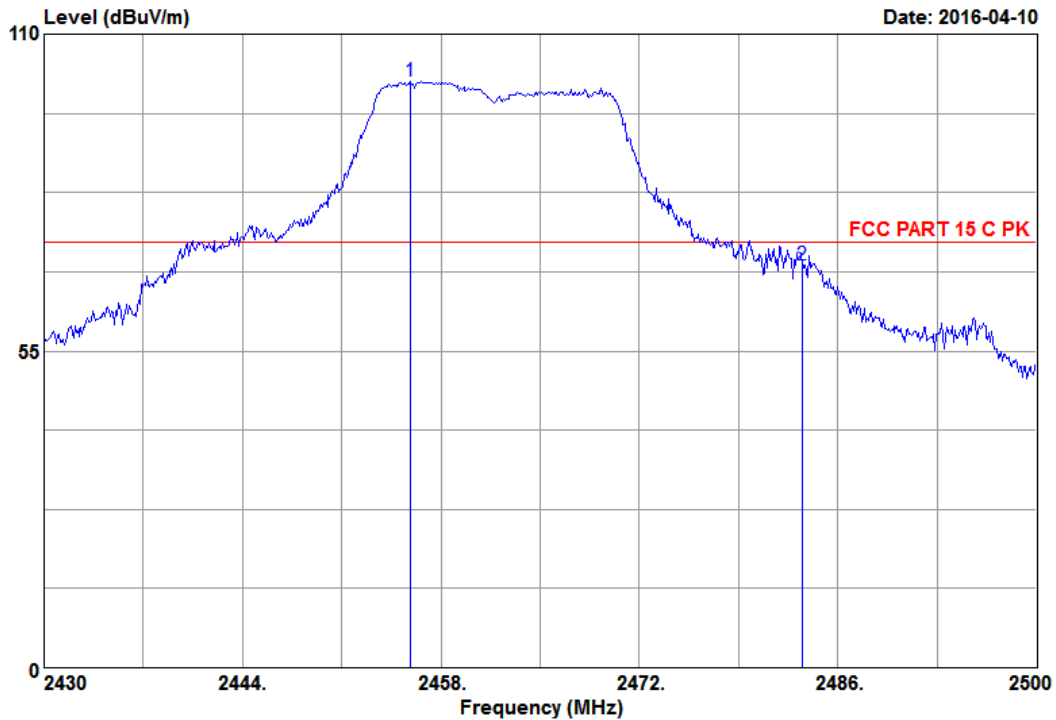


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Data: 21

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Date: 2016-04-10



Site NO.	: 3m Semi-Anechoic Chamber	Data NO.	: 21
Dis. / Ant.	: 3m 3115-62960-150630	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15 C PK	Engineer	: Mickey
Env. / Ins.	: 21.8*CS48%/N9030A		
EUT	: TI-nspire CX Wireless Network Adapter v2		
M/N	: TINAVWNA2		
Power Rating:	: DC 3.7V		
Test Mode	: TX 802.11nHT20 CH11 2462MHz		
Memo	:		

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamplifier Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2455.83	28.62	5.15	102.58	34.50	101.85	74.00	-27.85	Peak
2	2483.50	28.66	5.18	70.57	34.49	69.92	74.00	4.08	Peak

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

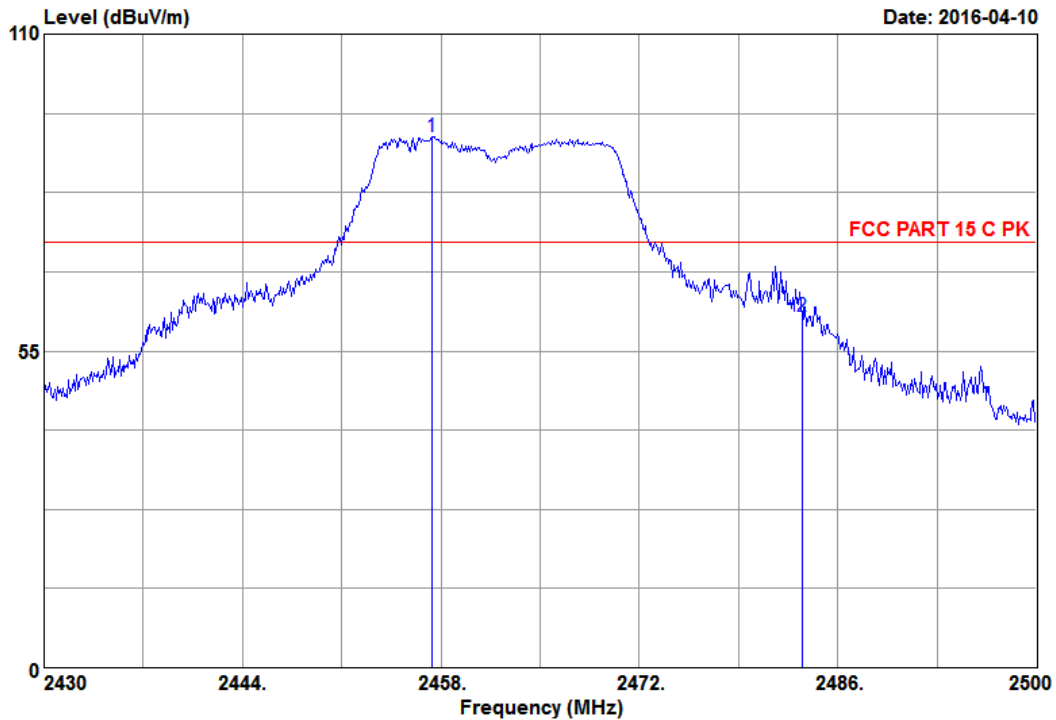


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Data: 22

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-10



Site NO. : 3m Semi-Anechoic Chamber	Data NO. : 22
Dis. / Ant. : 3m 3115-62960-150630	Ant. pol. : VERTICAL
Limit : FCC PART 15 C PK	
Env. / Ins. : 21.8*CS48%/N9030A	Engineer : Mickey
EUT : TI-inspire CX Wireless Network Adapter v2	
M/N : TINAVWNA2	
Power Rating: DC 3.7V	
Test Mode : TX 802.11nHT20 CH11 2462MHz	
Memo :	

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamplifier Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2457.36	28.62	5.15	92.95	34.50	92.22	74.00	-18.22	Peak
2	2483.50	28.66	5.18	61.68	34.49	61.03	74.00	12.97	Peak

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

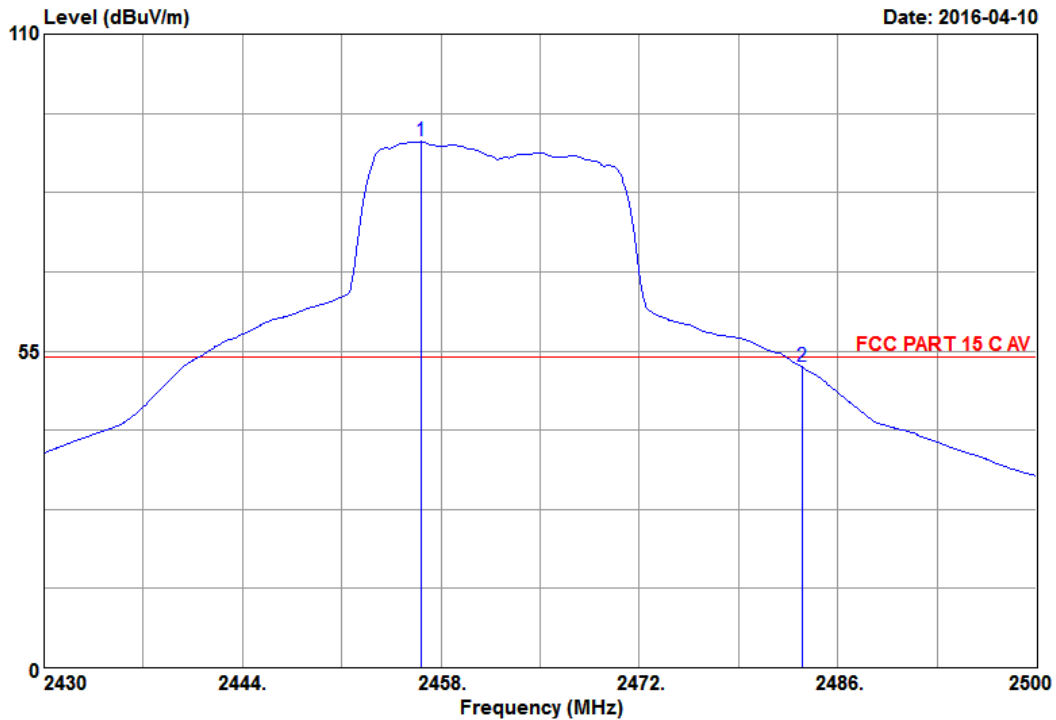


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Data: 23

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-10



Site NO. : 3m Semi-Anechoic Chamber	Data NO. : 23
Dis. / Ant. : 3m 3115-62960-150630	Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C AV	
Env. / Ins. : 21.8*CS48%/N9030A	Engineer : Mickey
EUT : TI-inspire CX Wireless Network Adapter v2	
M/N : TINAVWNA2	
Power Rating: DC 3.7V	
Test Mode : TX 802.11nHT20 CH11 2462MHz	
Memo :	

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamplifier Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2456.64	28.62	5.15	92.10	34.50	91.37	54.00	-37.37	Average
2	2483.50	28.66	5.18	52.86	34.49	52.21	54.00	1.79	Average

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

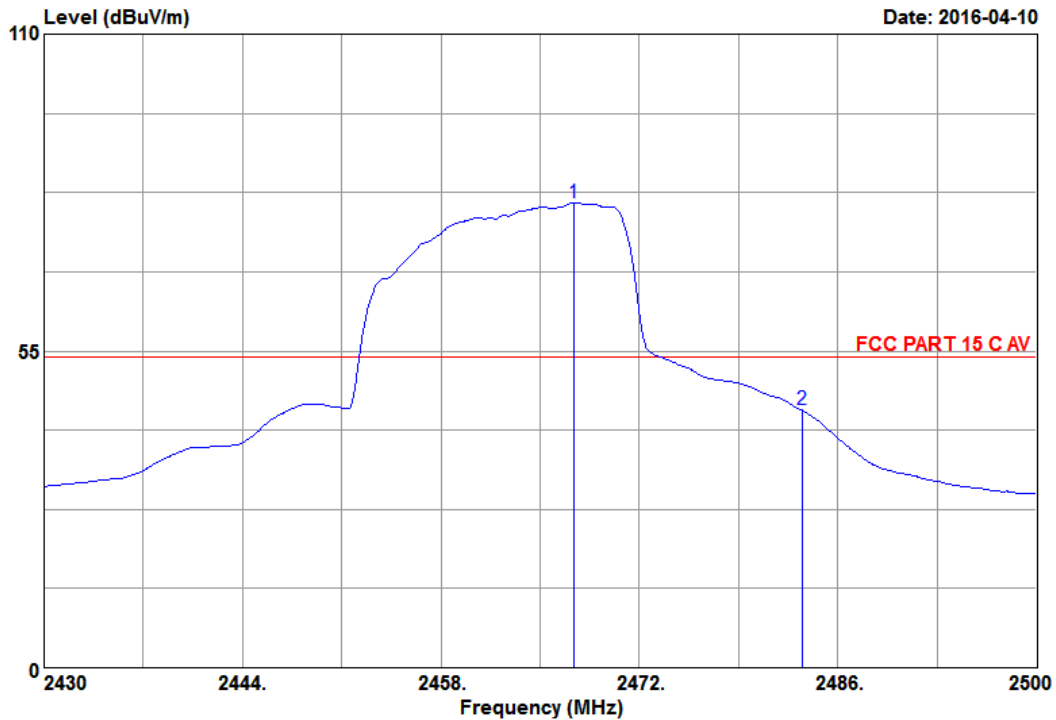


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Data: 24

File: G:\Test Data\2013\Reports\04\G1304008R2.EM6 (166)

Date: 2016-04-10



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C AV
 Env. / Ins. : 21.8*CS48%/N9030A
 EUT : TI-inspire CX Wireless Network Adapter v2
 M/N : TINAVWNA2
 Power Rating: DC 3.7V
 Test Mode : TX 802.11nHT20 CH11 2462MHz
 Memo :
 Data NO. : 24
 Ant. pol. : VERTICAL
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2467.35	28.62	5.18	81.36	34.49	80.67	54.00	-26.67	Average
2	2483.50	28.66	5.18	45.37	34.49	44.72	54.00	9.28	Average

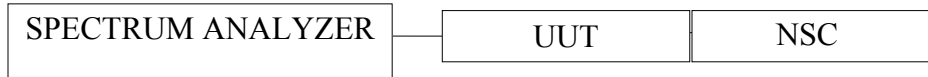
Remarks: 1. Emission Level= Ant.Factor + Cable Loss + Reading - Preamp.Factor.
 2. The emission levels that are 20dB below the official limit are not reported.

5. 6 dB BANDWIDTH MEASUREMENT

5.1. Test Equipment

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	N9030A	MY53120367	2015-06-23	2016-06-22

5.2. Block Diagram of Test Setup



— : SIGNAL LINE

5.3. Specification Limits (§15.247(a)(2))

Systems using digital modulation techniques may operate in the 902 - 928 MHz, 2400 - 2483.5 MHz bands. The minimum 6 dB bandwidth shall be at least 500kHz.

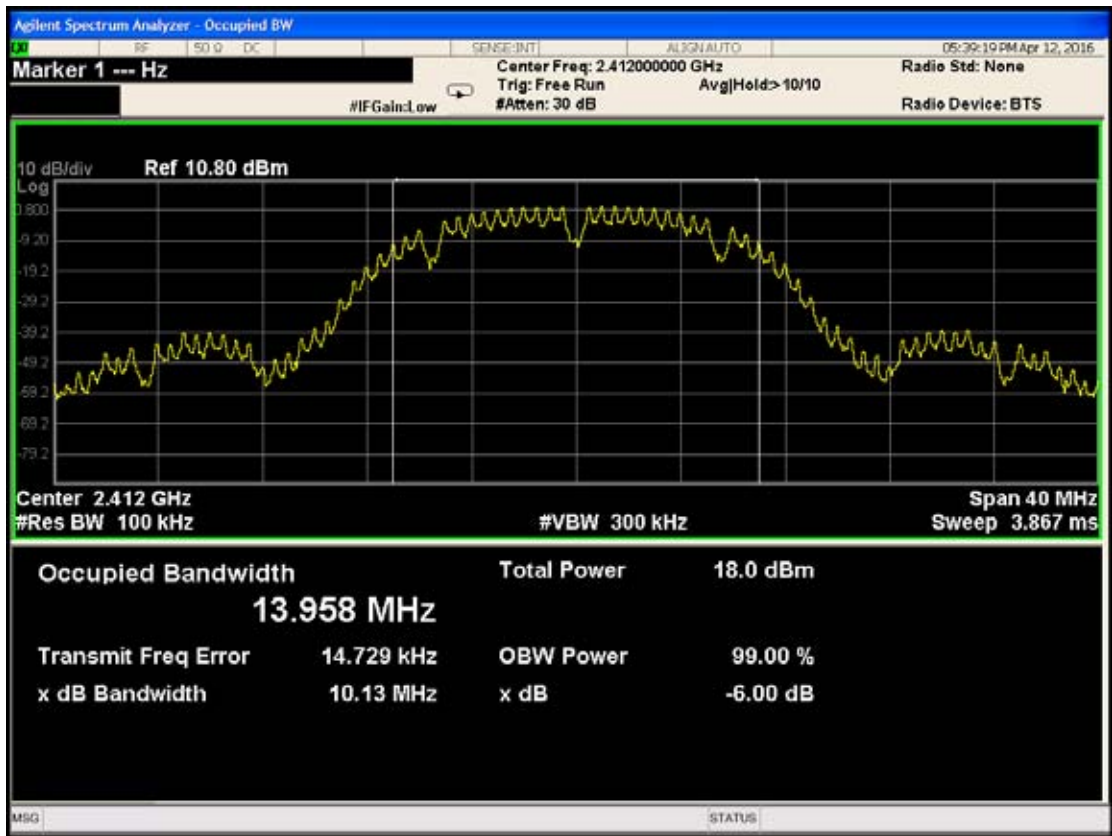
5.4. Test Results

PASSED. All the test results are attached in next pages.

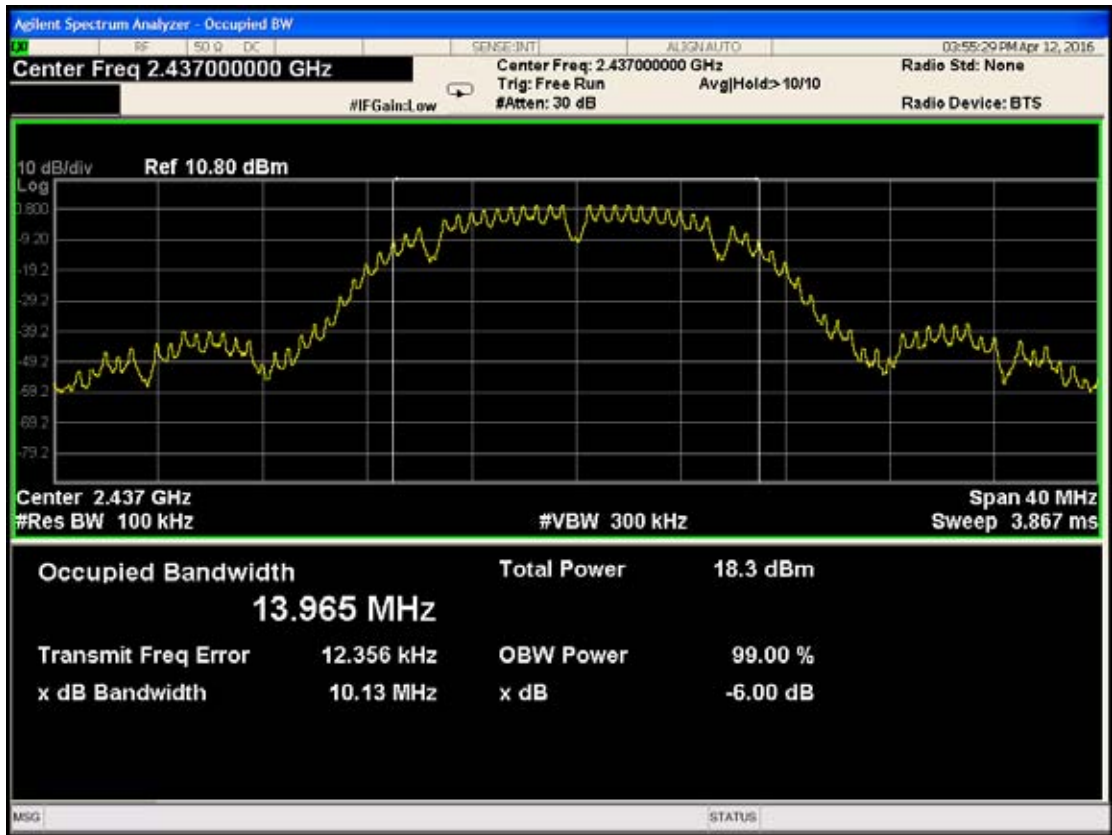
Item	Channel	Test Frequency	6dB Bandwidth
802.11b	1	2412MHz	10.13 MHz
	6	2437MHz	10.13 MHz
	11	2462MHz	10.13 MHz
802.11g	1	2412MHz	16.32 MHz
	6	2437MHz	16.33 MHz
	11	2462MHz	16.35 MHz
802.11n HT20	1	2412MHz	17.02 MHz
	6	2437MHz	17.08 MHz
	11	2462MHz	17.10 MHz

5.4.1. 802.11b

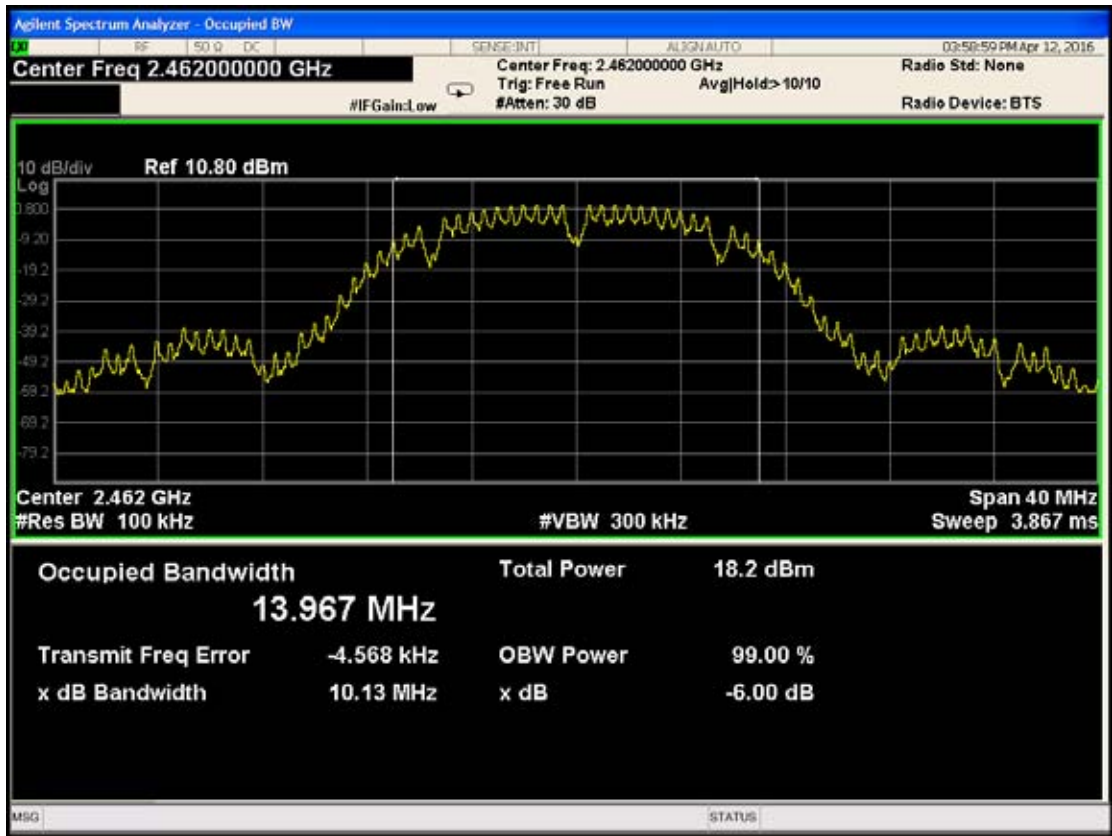
CH 1



CH 6

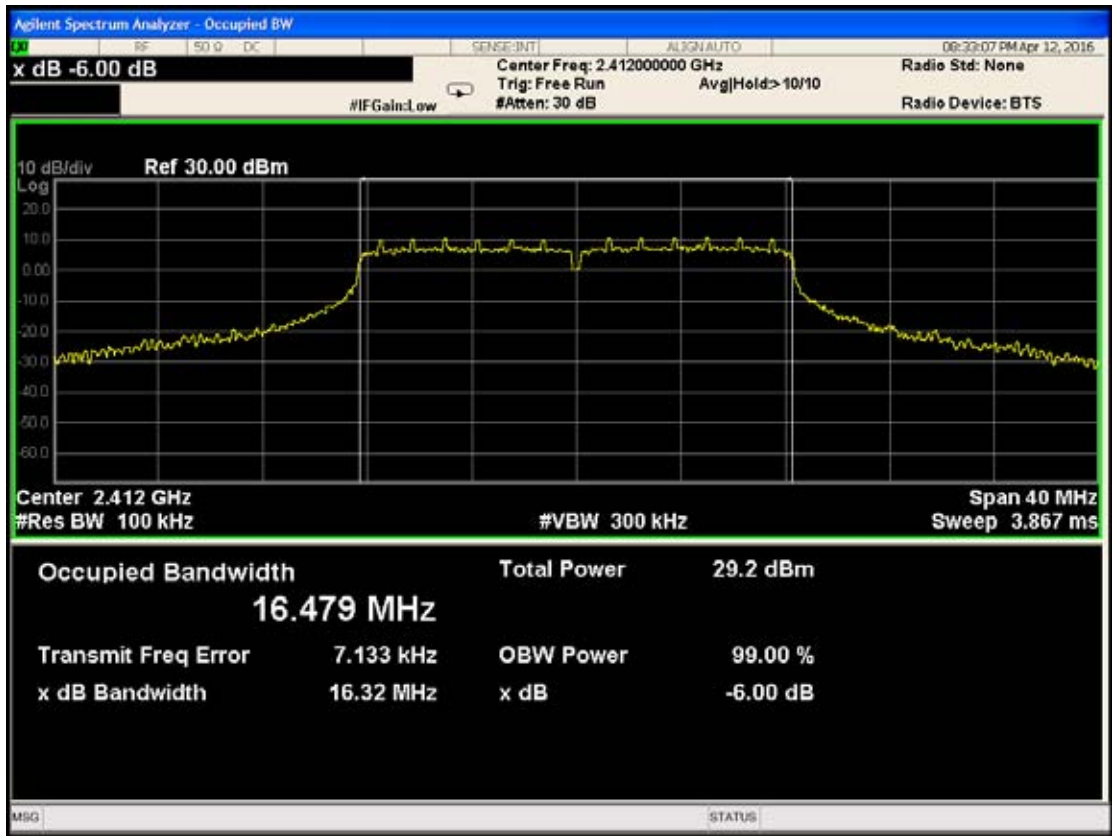


CH 11

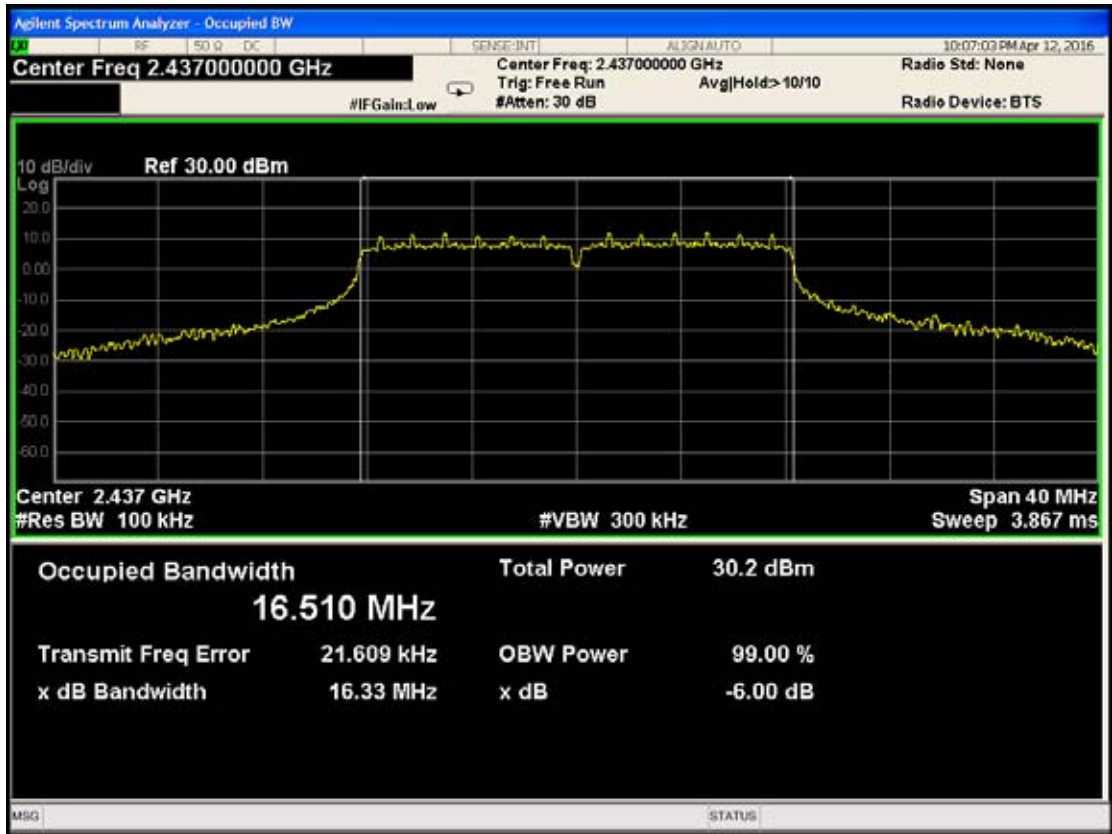


5.4.2. 802.11g

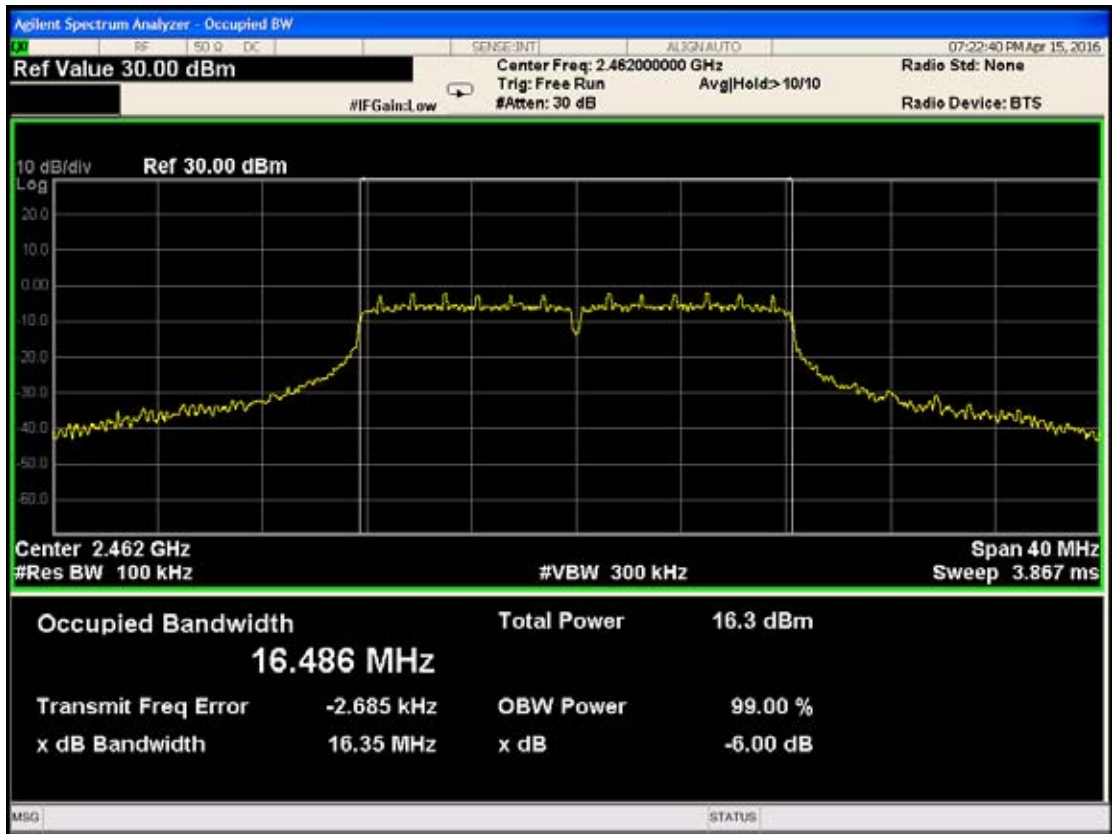
CH 1



CH 6

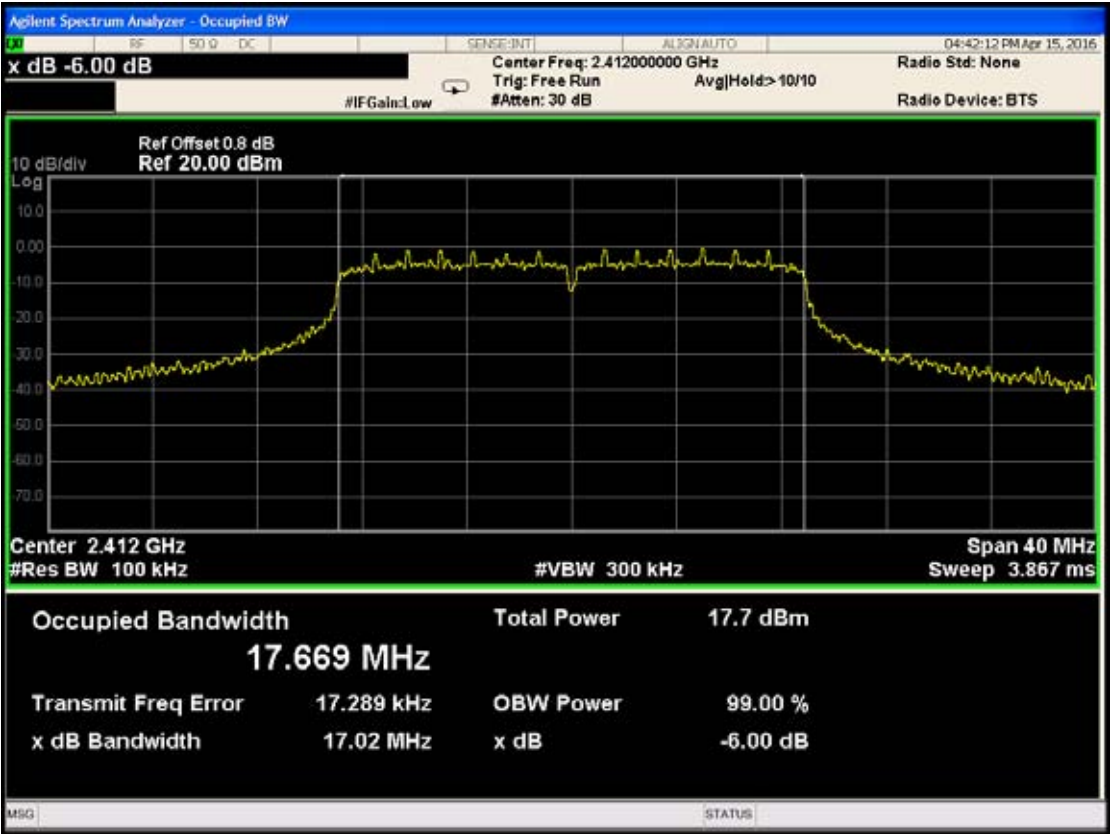


CH 11

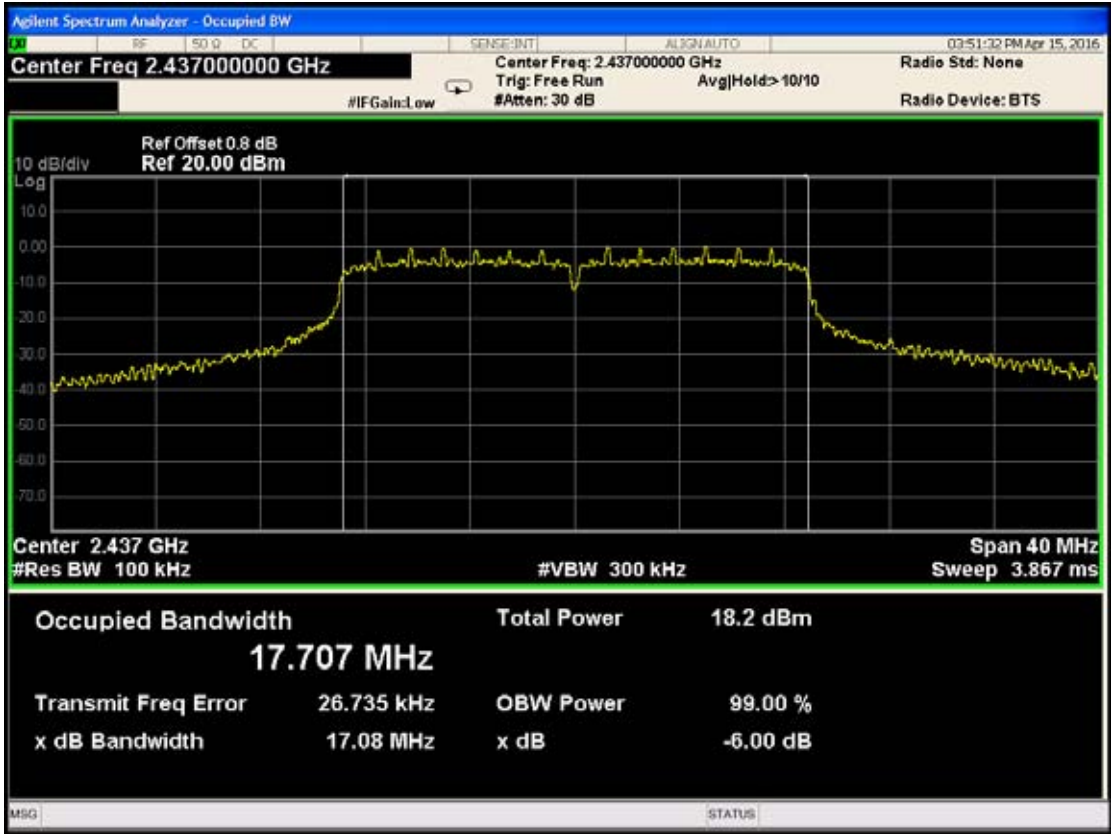


5.4.3. 802.11n HT20

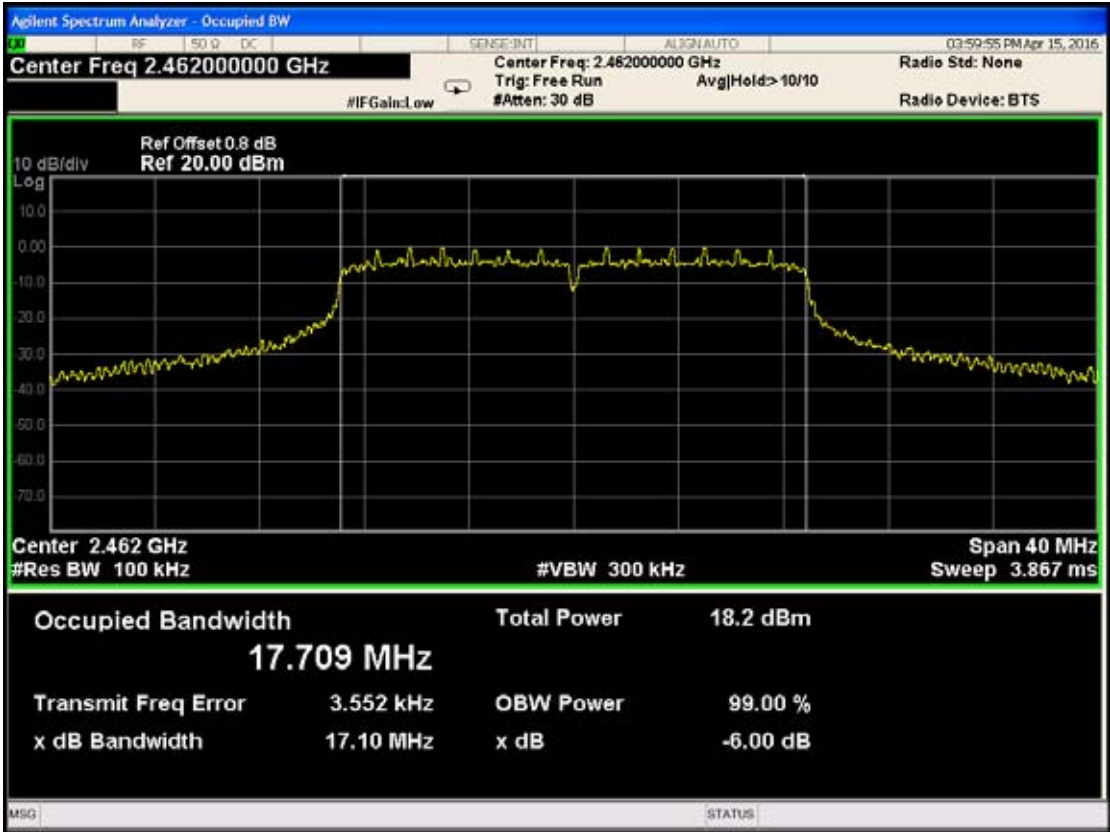
CH1



CH 6



CH 11

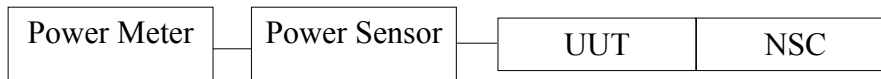


6. OUTPUT POWER MEASUREMENT

6.1. Test Equipment

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	PXA Signal Analyzer	Agilent	N9030A	MY53120367	2015-06-23	2016-06-22

6.2. Block Diagram of Test Setup



— : SIGNAL LINE

6.3. Specification Limits (§15.247(b)(3))

For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.

6.4. Test Results

PASSED. All the test results are attached in next pages.

Test Mode: 802.11b

Test Condition	Peak Power(dBm)		
Rate/ Channel	CH1	CH6	CH11
1Mbps	14.65	14.83	14.89
2 Mbps	15.61	14.78	14.76
5.5 Mbps	14.49	13.63	13.79
11 Mbps	14.54	14.57	14.68

Test Condition	Average Power(dBm)		
Rate/ Channel	CH1	CH6	CH11
1Mbps	12.33	11.67	11.75
2 Mbps	11.32	11.33	11.76
5.5 Mbps	12.47	11.29	11.98
11 Mbps	10.80	10.98	10.76

Test Mode: 802.11g

Test Condition	Peak Power(dBm)		
Rate/ Channel	CH1	CH6	CH11
6Mbps	17.46	17.74	17.63
9 Mbps	17.43	17.65	17.37
12 Mbps	17.58	17.89	17.65
18 Mbps	17.44	17.76	17.41
24 Mbps	17.65	17.43	17.38
36 Mbps	17.61	17.33	17.61
48 Mbps	16.89	16.21	16.57
54 Mbps	16.01	16.79	15.72

Test Condition	Average Power(dBm)		
Rate/ Channel	CH1	CH6	CH11
6Mbps	10.42	10.58	11.72
9 Mbps	10.33	10.76	10.69
12 Mbps	10.81	11.42	11.07
18 Mbps	11.12	10.65	10.66
24 Mbps	10.91	10.76	10.84
36 Mbps	10.78	10.67	10.43
48 Mbps	10.83	10.21	10.12
54 Mbps	9.80	9.75	9.36

Test Mode: 802.11n HT20

Test Condition	Peak Power(dBm)		
Rate/ Channel	CH1	CH6	CH11
MCS0	17.28	17.67	17.97
MCS1	17.56	17.53	17.91
MCS2	17.71	17.60	17.31
MCS3	17.79	17.54	17.51
MCS4	17.91	16.76	17.28
MCS5	17.55	17.12	16.93
MCS7	16.12	15.24	15.43

Test Condition	Average Power(dBm)		
Rate/ Channel	CH1	CH6	CH11
MCS0	10.63	11.04	11.37
MCS1	10.81	10.24	10.76
MCS2	10.22	10.42	10.69
MCS3	10.32	10.33	10.23
MCS4	10.54	10.61	10.32
MCS5	10.33	10.08	10.24
MCS7	8.25	8.53	9.14

7. POWER SPECTRAL DENSITY MEASUREMENT

7.1. Test Equipment

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	PXA Signal Analyzer	Agilent	N9030A	MY53120367	2015-06-23	2016-06-22

7.2. Block Diagram of Test Setup

The same as section 5.2.

7.3. Specification Limits (§15.247(e))

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

7.4. Test Results

PASSED. All the test results are attached in next page.

Test Date: Apr.13, 2016

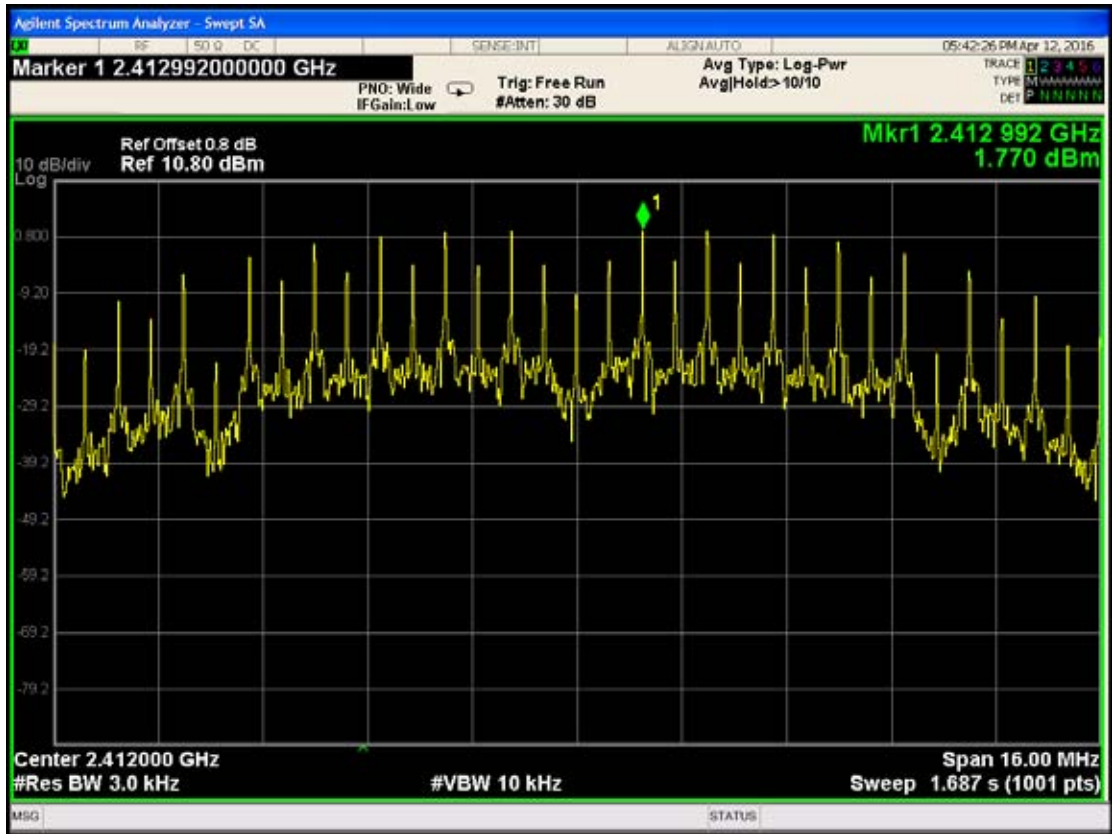
Temperature: 19.1 °C

Humidity: 58 %

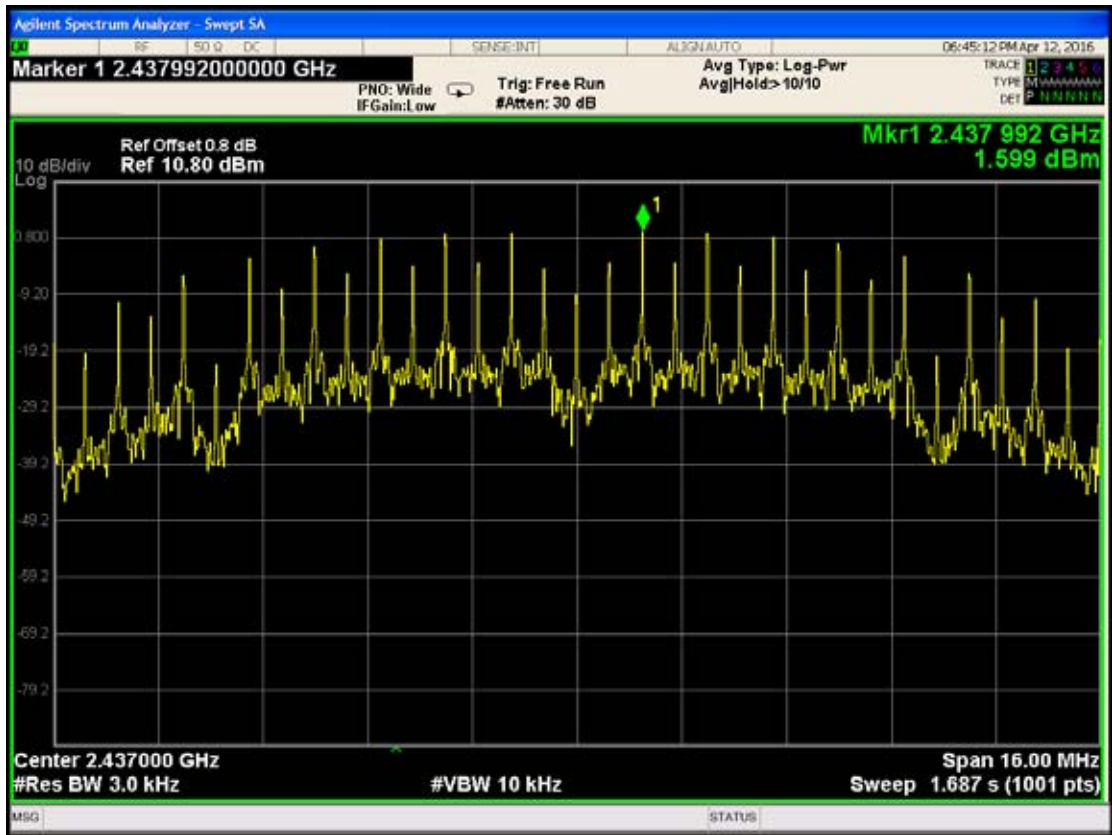
Item	Channel	Frequency(GHz)	Value(dBm)
802.11b	1	2.412	1.770
	6	2.437	1.599
	11	2.462	1.826
802.11g	1	2.412	-5.230
	6	2.437	-3.839
	11	2.462	-16.267
802.11n HT20	1	2.412	-15.730
	6	2.437	-14.177
	11	2.462	-13.457

7.4.1. 802.11b

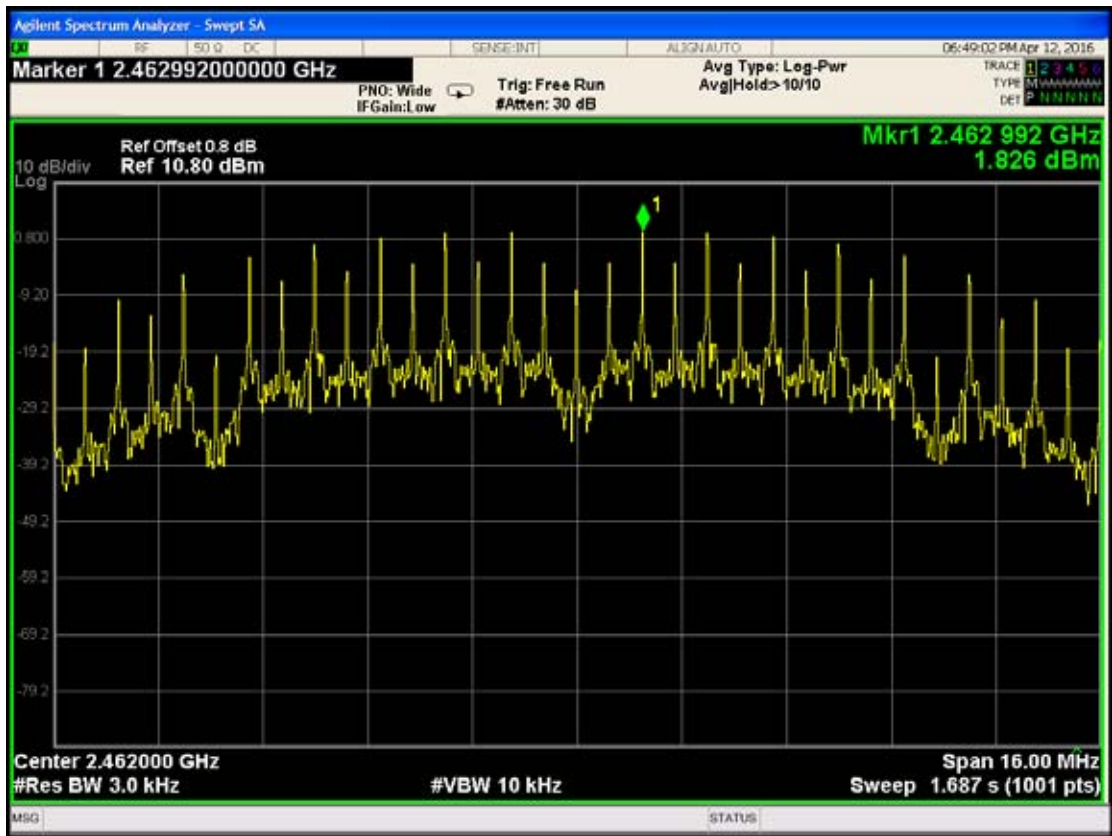
CH 1



CH 6

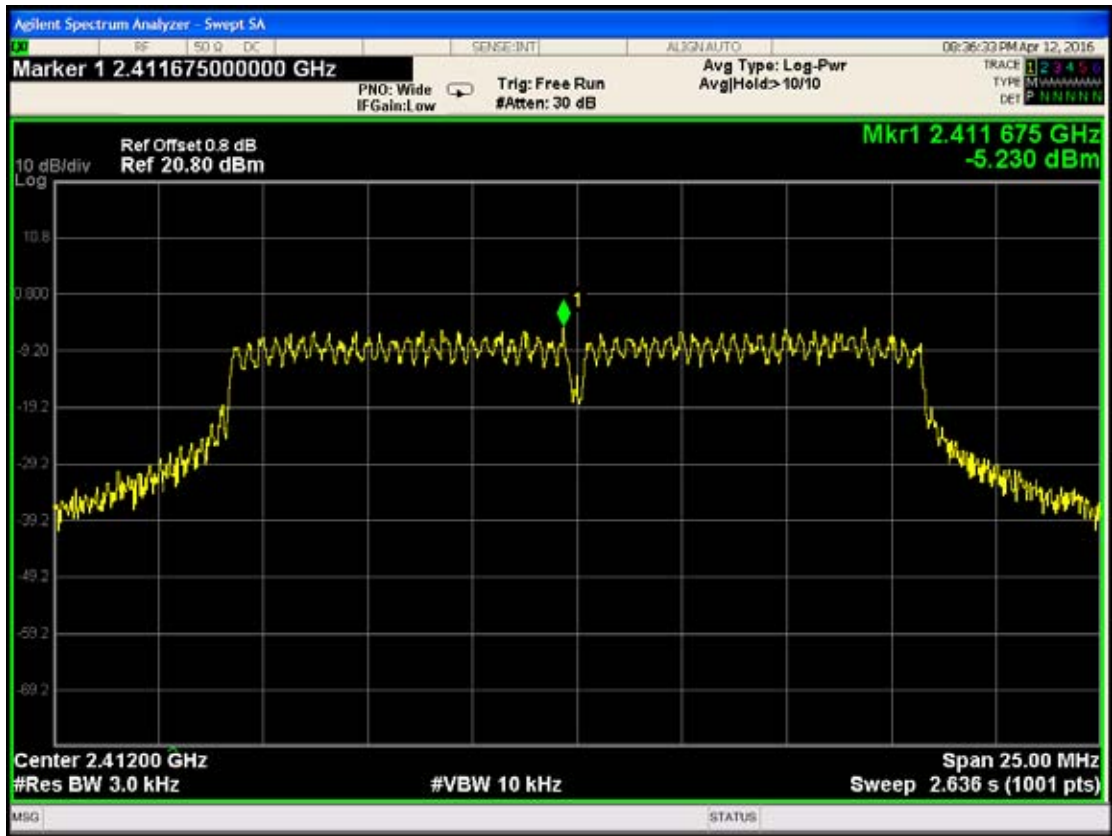


CH 11

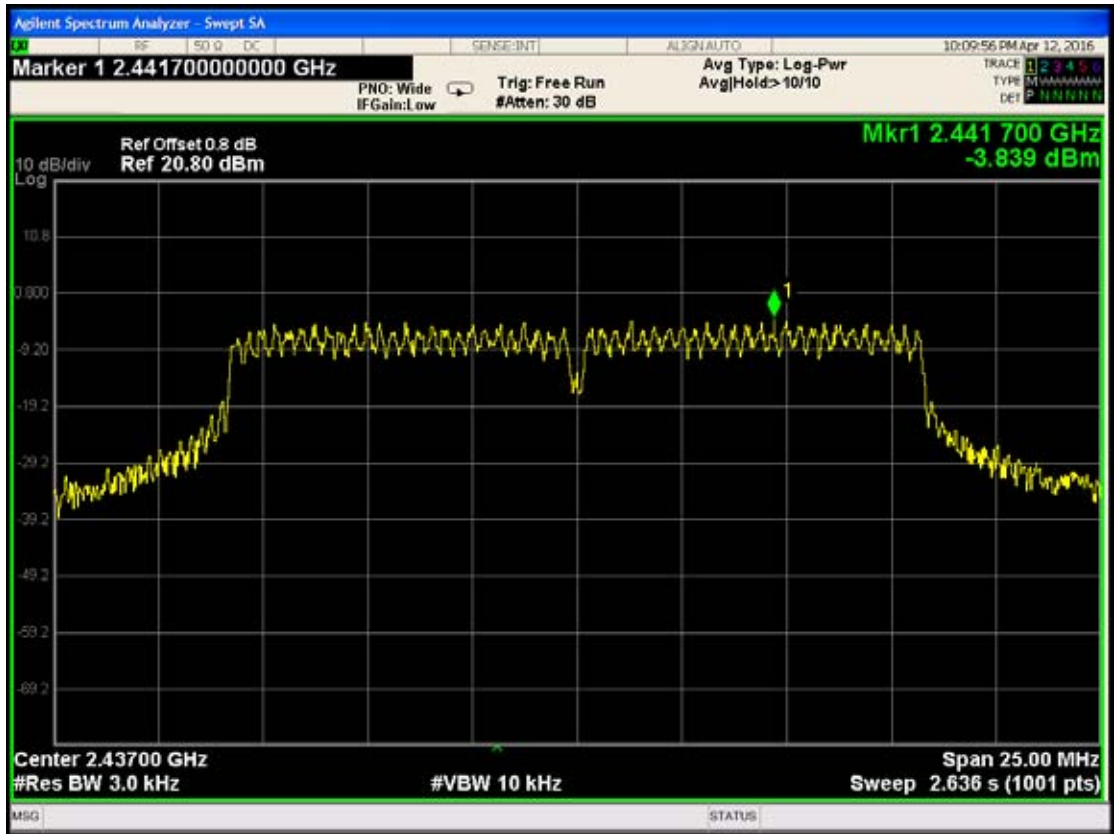


7.4.2. 802.11g

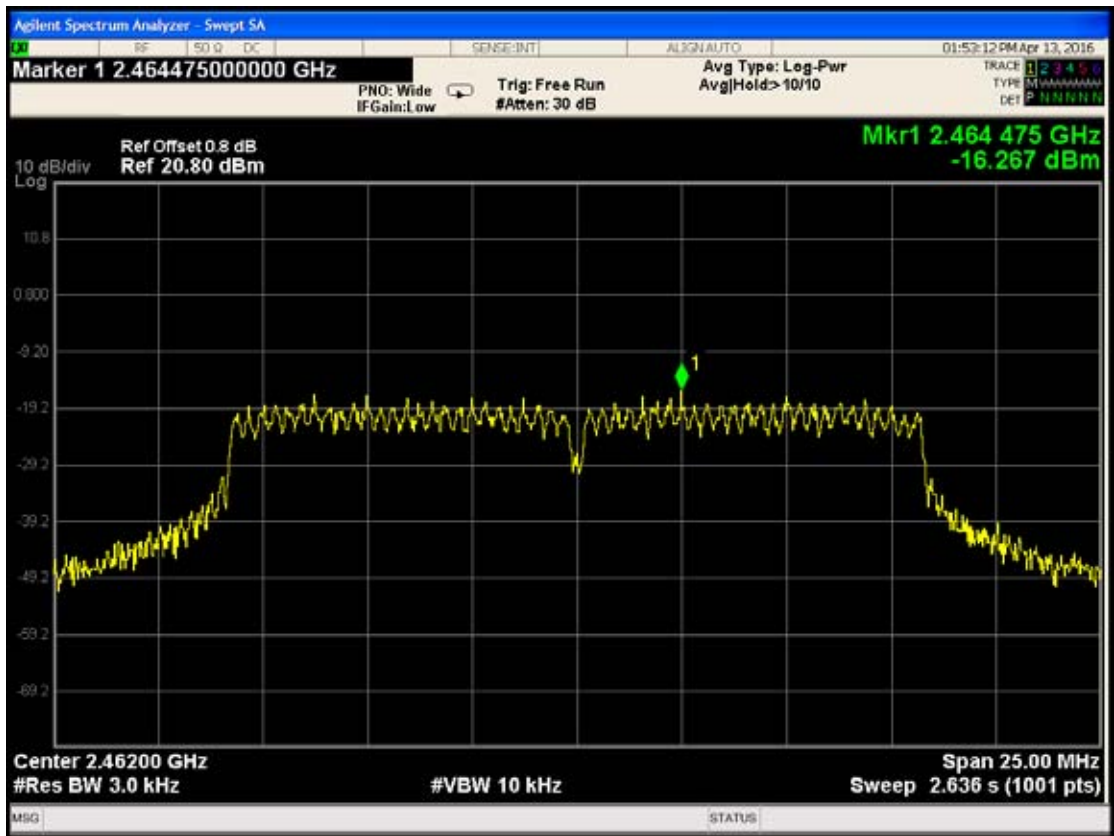
CH 1



CH 6

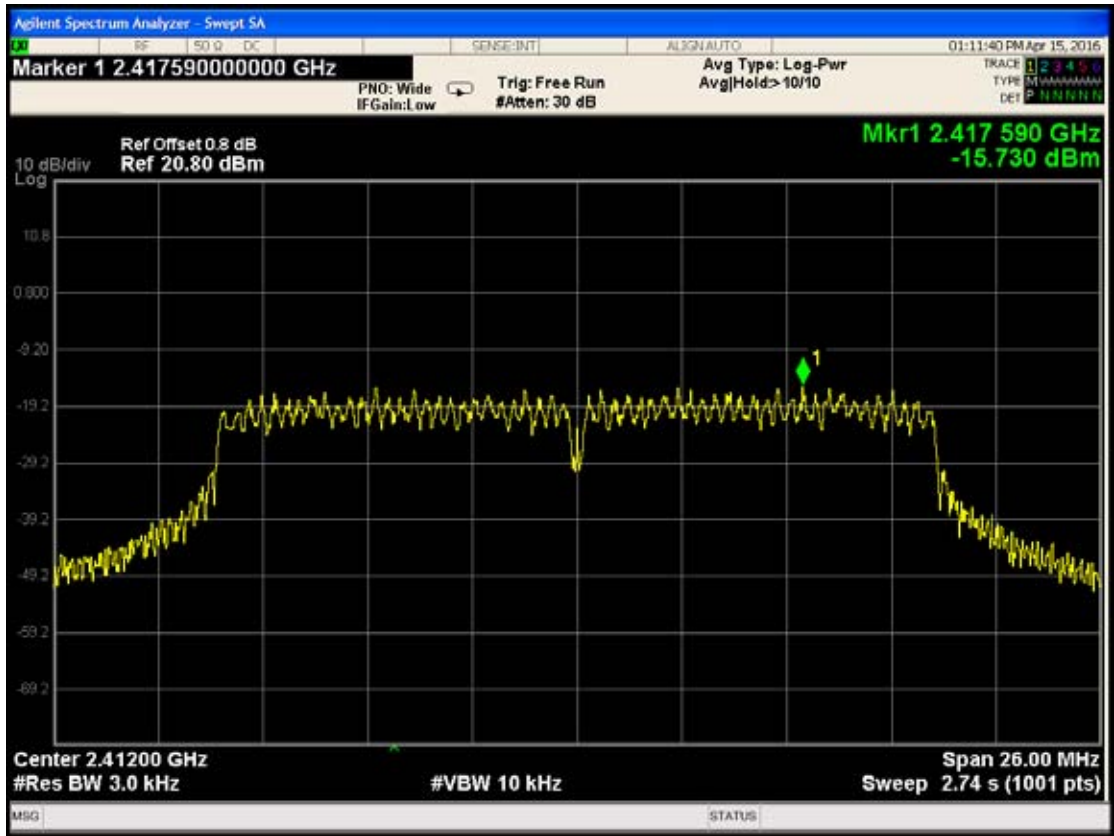


CH 11

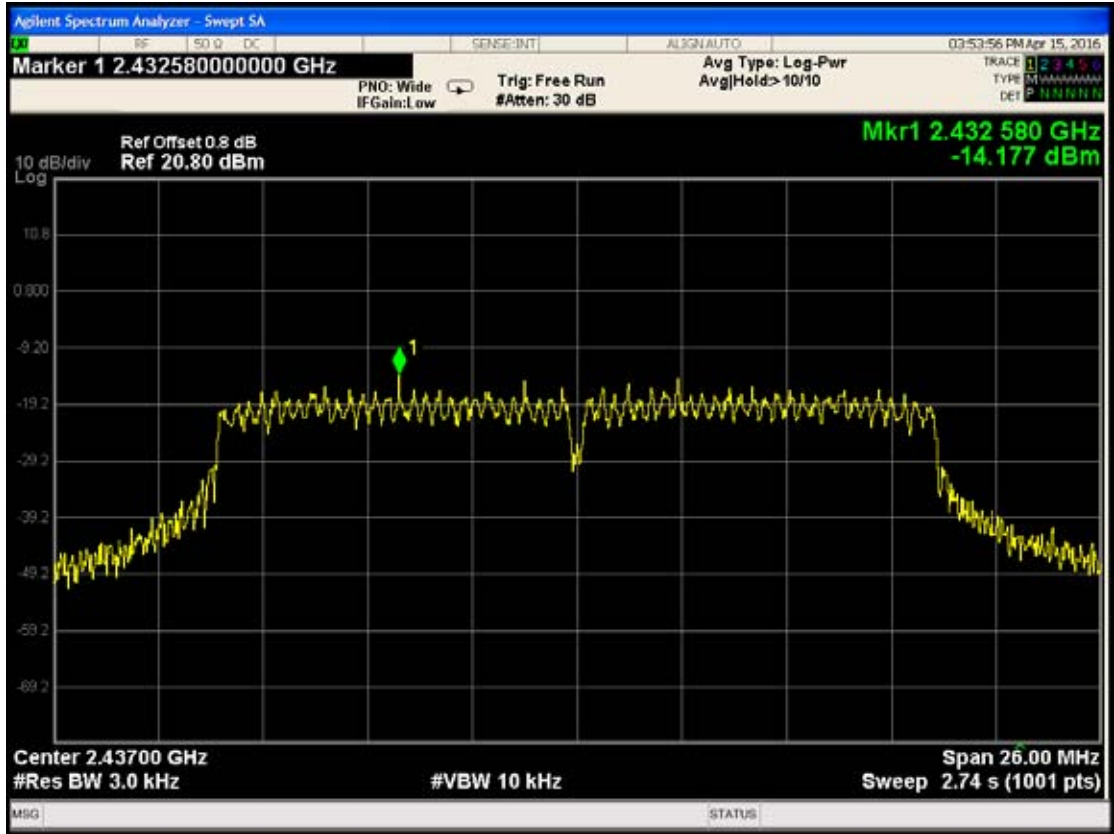


7.4.3. 802.11n HT20

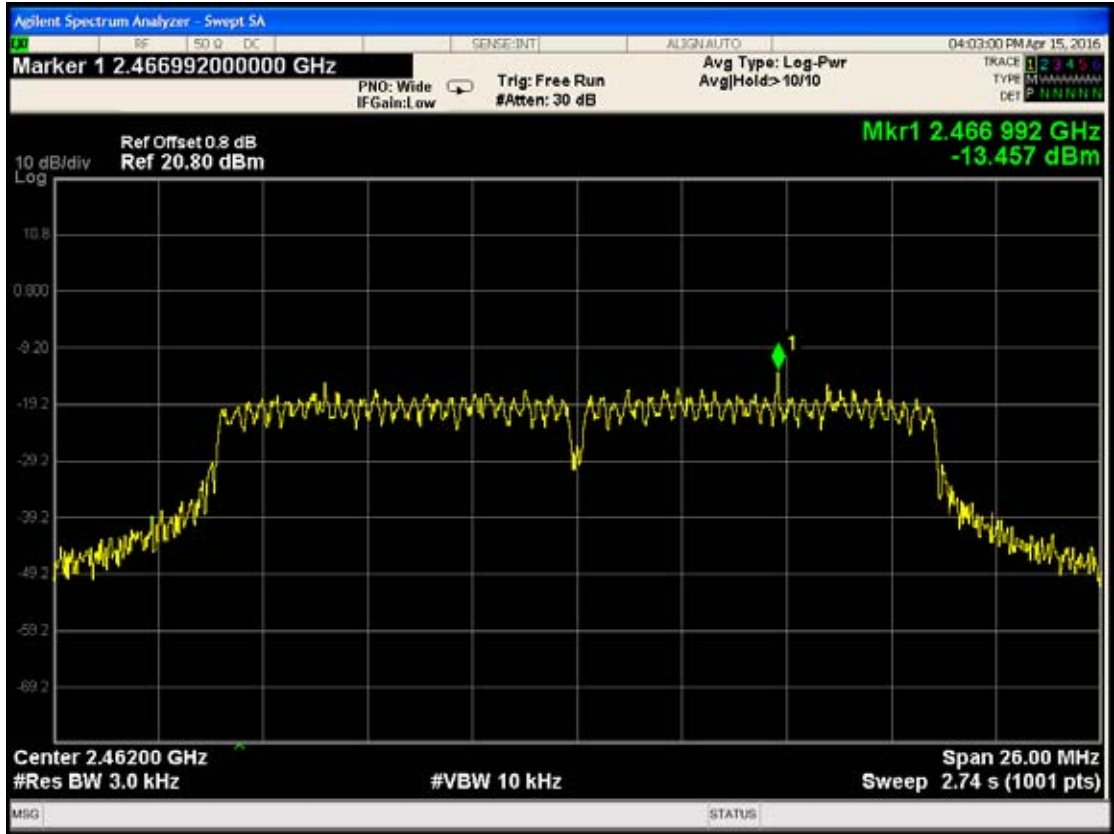
CH 1



CH 6



CH 11



8. EMISSION LIMITATIONS MEASUREMENT

8.1. Test Equipment

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	PXA Signal Analyzer	Agilent	N9030A	MY53120367	2015-06-23	2016-06-22

8.2. Block Diagram of Test Setup

The same as section 5.2.

8.3. Specification Limits (§15.247(d))

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

8.4. Test Results

PASSED. All the test results are attached in next pages.

Item	Channel	Frequency(MHz)	Amplitude(dBm)
802.11b	1	764.63	-60.093
		258.77	-61.484
		2413.50	1.774
		1519.95	-59.278
		3835.85	-54.966
		4554.75	-56.398
		5138.50	-55.379
		6776.50	-55.574
		8987.05	-56.099
		7772.70	-56.217
		9006.85	-56.215
		10731.75	-56.272
		11391.20	-56.099
		12196.85	-56.358
		13629.00	-55.121
		14836.80	-55.517
		15231.35	-55.334
		16275.35	-55.485
		18886.75	-53.566
		17660.55	-54.597
		19112.40	-53.103
		20644.15	-53.840
		22286.95	-52.527

		22751.00	-53.216	
		23692.40	-52.017	
		24682.10	-52.521	
	6		886.07	-60.318
			238.36	-63.551
			2438.50	1.814
			1856.85	-59.913
			3817.65	-54.114
			4712.55	-56.075
			5072.00	-55.432
			6352.95	-56.835
			8609.60	-55.524
			7608.05	-56.585
			10544.90	-55.379
			9491.80	-56.748
			11323.65	-55.671
			12861.15	-57.299
			14747.55	-55.396
			13956.00	-54.716
			15488.40	-55.017
			16590.70	-55.396
			18958.20	-53.511
			17753.45	-57.115
			19176.70	-52.263
			20413.05	-55.085
			22735.00	-52.803
			21805.05	-53.915
			23563.20	-52.553
			24506.20	-52.938
	11		913.670	-59.451
			490.459	-60.753
			2463.50	1.832
			1742.35	-59.819
3759.20			-54.172	
4397.60			-56.295	
5093.55			-55.259	
6363.10			-55.432	
8580.25			-56.053	
7505.45			-56.217	
9268.60			-55.362	
10433.90			-56.350	
11116.10			-56.060	
12470.75			-56.828	
13837.90			-54.621	
802.11b		14373.10	-56.449	
		16508.80	-55.828	
		15466.80	-55.858	
		18876.95	-53.691	
		17954.15	-55.100	
		19302.30	-53.553	
		20949.90	-53.692	

		22746.55	-52.397
		21930.70	-52.666
		23864.60	-52.816
		23633.25	-52.594
802.11g	1	738.29	-50.854
		457.53	-51.771
		2413.25	-45.539
		3725.25	-54.529
		5025.20	-55.273
		5370.00	-56.052
		7936.65	-55.082
		7308.40	-55.562
		9786.40	-55.629
		10753.25	-55.941
		11909.25	-55.663
		12573.30	-55.786
		13630.65	-54.747
		14836.25	-55.415
		15027.15	-55.149
		15720.05	-55.251
		18841.35	-52.892
		17926.45	-55.809
		19025.90	-53.563
		20186.05	-54.273
		22764.45	-51.673
		21828.45	-53.132
		23678.20	-52.442
		24300.20	-52.615
	6	886.80	-50.889
		169.10	-51.479
		2440.75	11.646
		2719.15	-45.590
		3201.55	-45.260
		3694.50	-53.579
		5060.65	-55.749
		6116.65	-57.171
		8444.20	-55.555
		7201.15	-55.568
		9069.15	-55.780
		10205.00	-55.447
		11393.00	-55.479
		12707.00	-56.003
		14344.15	-55.433
		13148.35	-56.228
		15372.70	-55.441
		16446.55	-55.659
		18884.05	-53.711
		17708.30	-54.537
		19263.85	-53.335
		20169.55	-53.350
		21980.05	-52.319

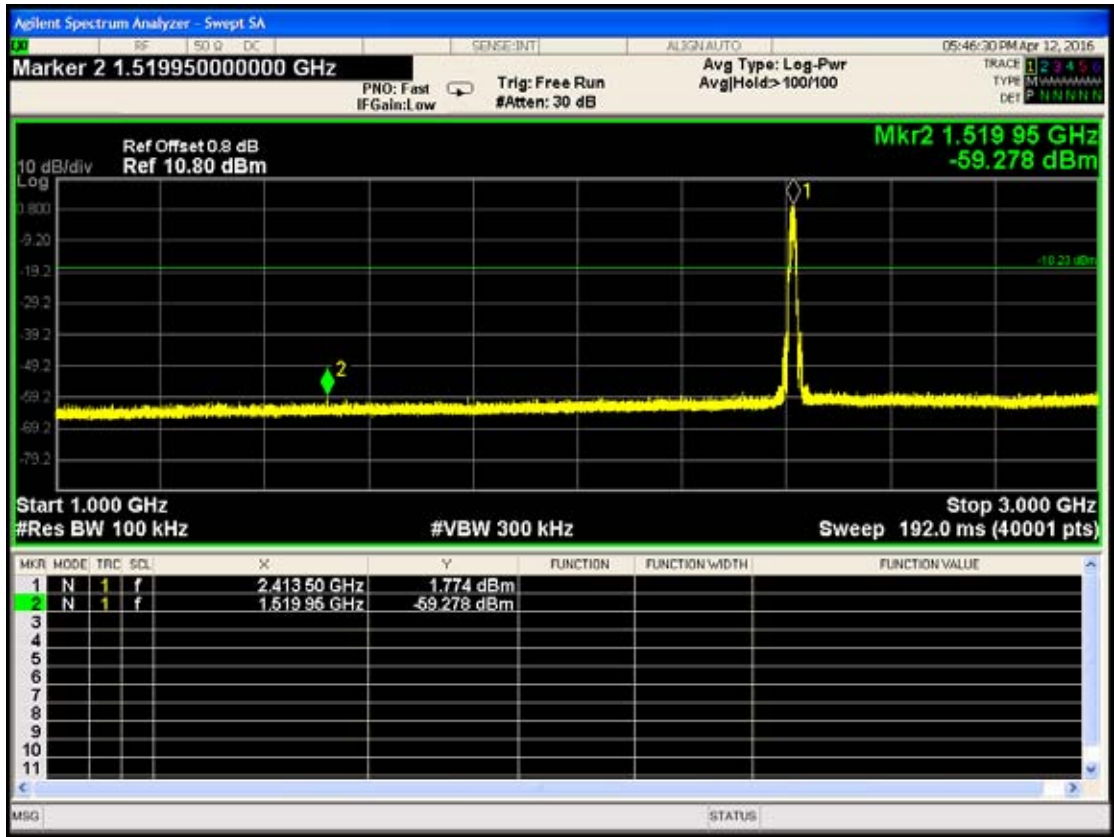
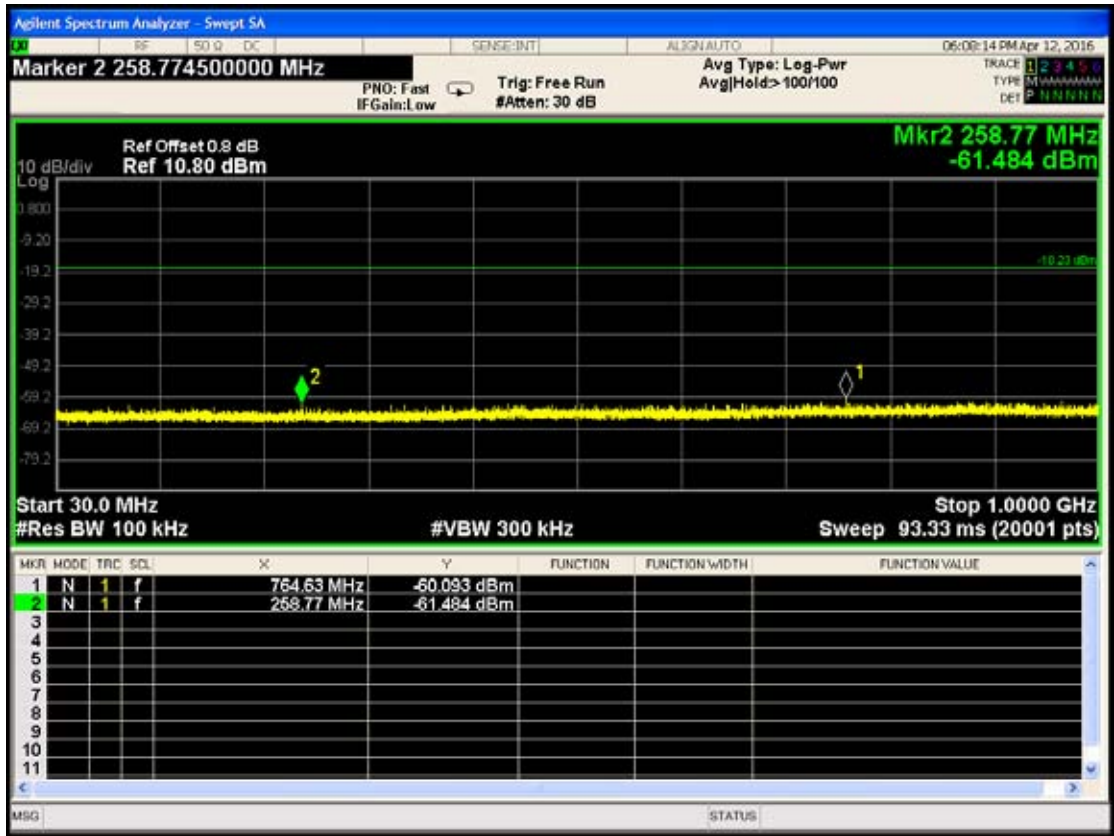
		22702.35	-53.531		
		24023.80	-52.329		
		24370.00	-54.322		
	11	852.32	-59.113		
		284.24	-62.948		
		2455.75	-1.233		
		2027.75	-59.753		
		3816.80	-53.064		
		4968.45	-53.732		
		5057.16	-54.214		
		5926.45	-55.775		
		8982.65	-55.269		
		7141.45	-55.662		
		10842.40	-54.795		
		9850.15	-55.439		
		12481.40	-55.268		
		11781.00	-55.937		
		13621.35	-54.976		
		14157.35	-55.049		
		15165.90	-55.412		
		16573.10	-56.500		
		18497.15	-53.652		
		802.11g		17672.60	-56.859
				19170.05	-53.858
				20544.40	-54.660
				22053.30	-52.091
				21203.70	-54.407
				23854.10	-52.259
				2458.25	-52.745
802.11n HT20	1	595.84	-59.389		
		532.61	-60.914		
		2417.00	-0.618		
		2042.95	-57.989		
		3849.10	-53.459		
		4968.10	-53.662		
		5081.90	-54.382		
		5971.95	-55.866		
		8500.60	-55.034		
		7126.40	-56.779		
		9778.35	-55.613		
		10062.10	-56.089		
		11869.85	-55.345		
		12322.30	-56.205		
		14176.95	-54.710		
		13665.00	-57.101		
		16814.50	-55.637		
		16044.05	-55.863		
		18977.35	-54.080		
		17608.85	-55.013		
		18977.35	-54.080		
		17608.85	-55.013		

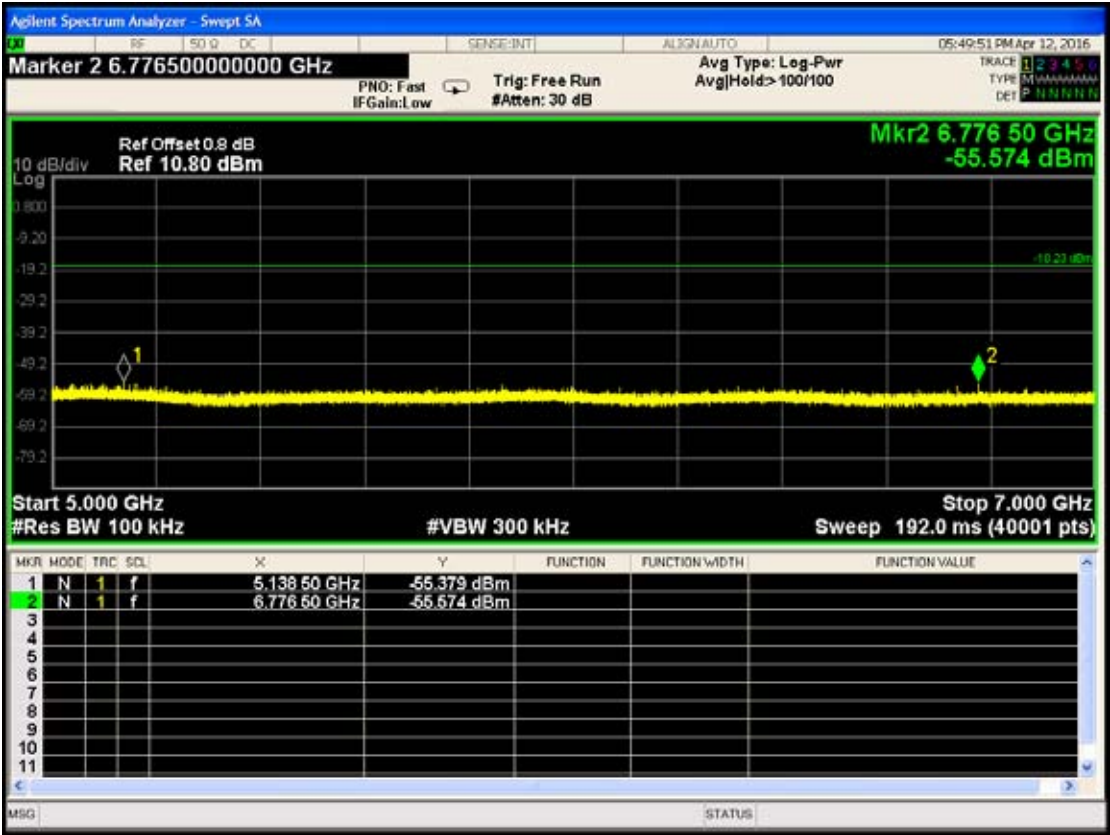
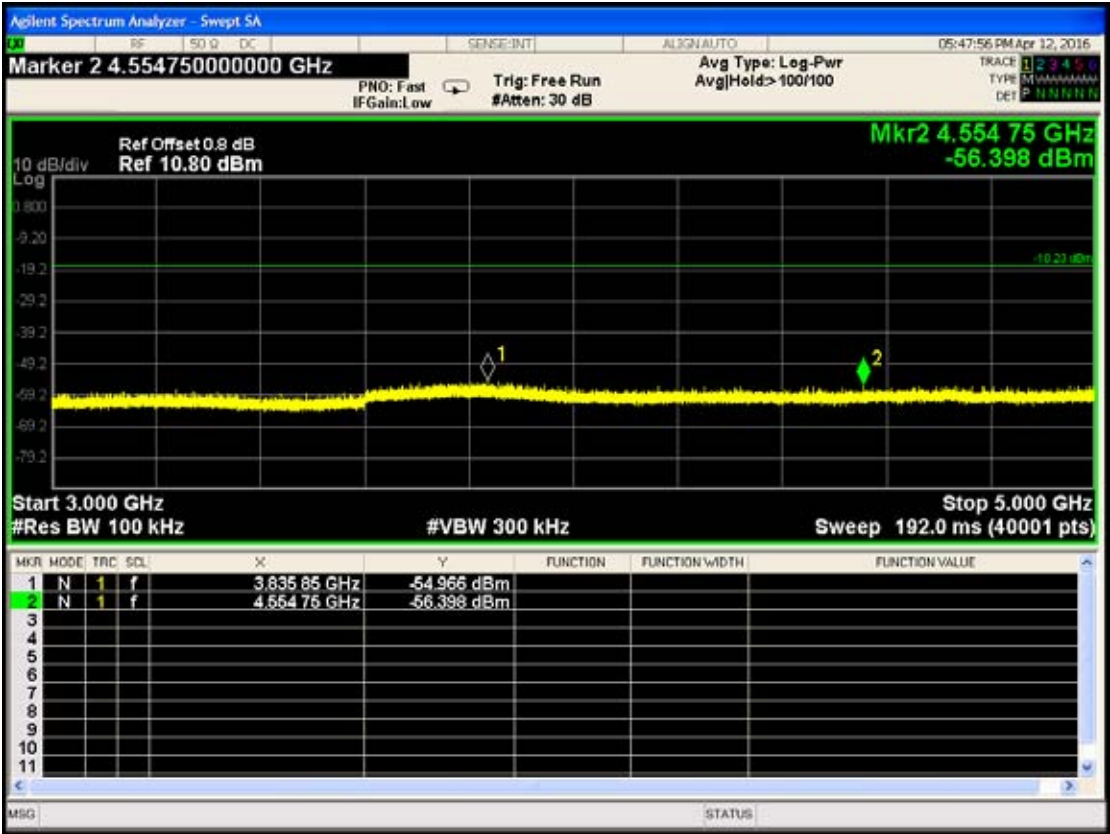
		19109.50	-53.675
		20516.40	-55.512
		22459.80	-51.462
		21413.05	-53.923
		23872.15	-52.017
		24744.20	-53.251
	6	914.30	-59.804
		336.42	-62.737
		2442.00	0.127
		2649.35	-56.036
		3791.10	-53.445
		4960.75	-54.257
		5055.50	-55.205
		6339.50	-56.247
		8333.80	-55.916
		7603.20	-56.472
		9352.05	-55.648
		10658.80	-55.974
		11539.80	-55.940
		12241.90	-56.670
		14289.10	-54.040
		14944.70	-54.996
		15290.00	-55.920
		16143.15	-56.332
		18774.95	-54.502
		18160.15	-55.126
		19135.65	-53.191
		19995.15	-54.110
		22809.85	-51.471
		21591.05	-53.954
		23725.75	-52.522
		24269.20	-52.075
802.11n HT20	11	850.81	-59.392
		524.31	-60.493
		2457.00	-0.403
		2015.85	-58.656
		4973.10	-53.854
		3750.90	-53.939
		5124.25	-55.227
		6088.60	-55.706
		8361.95	-56.073
		7868.85	-56.541
		10885.95	-55.898
		9712.80	-56.060
		11204.65	-56.702
		14593.40	-55.561
		14006.35	-55.960
		16330.95	-55.033
		15640.65	-56.382
		18959.95	-54.037
	11	17533.65	-55.071

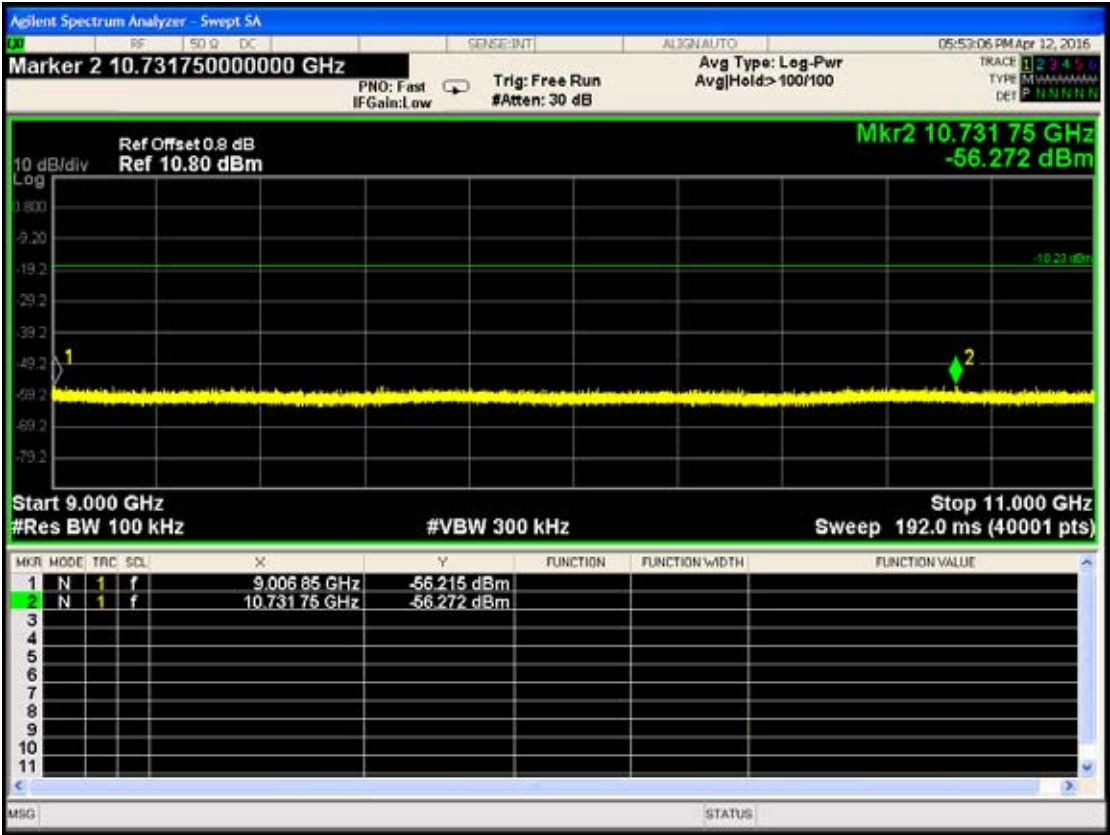
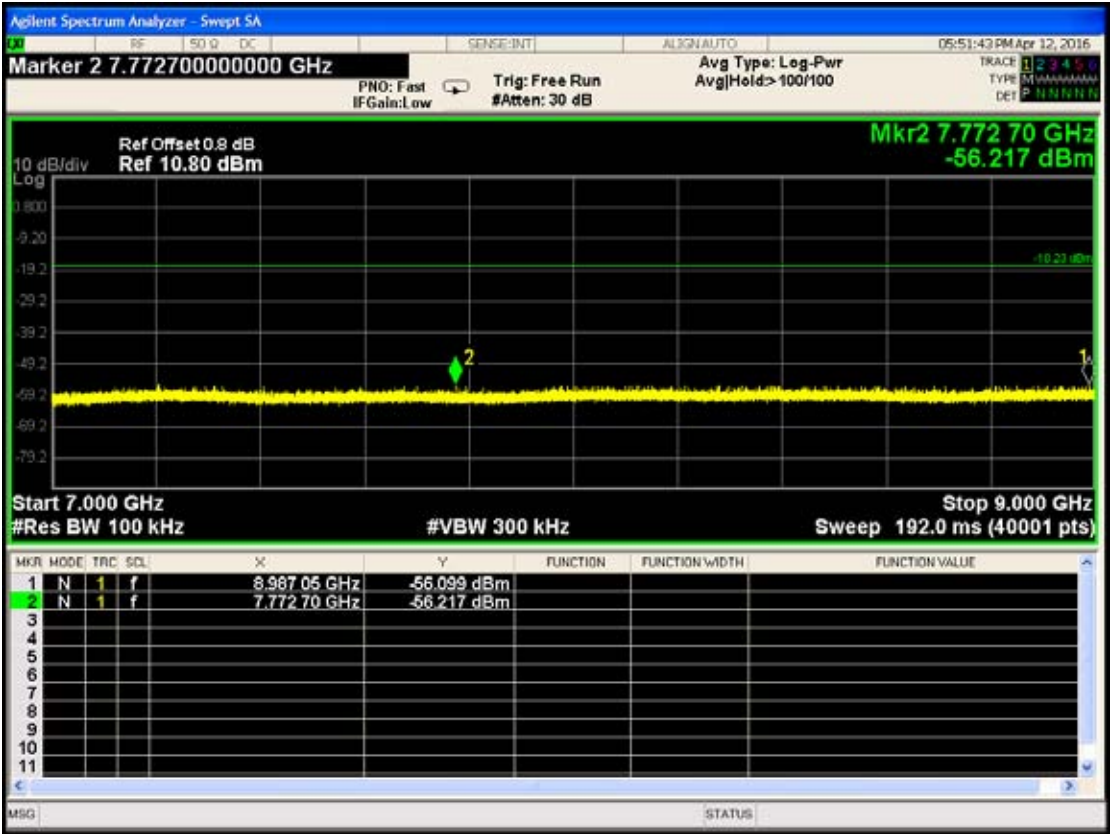
		19070.15	-53.682
		20774.65	-54.610
		22705.05	-53.025
		21808.00	-54.147
		23652.65	-52.410
		23314.35	-52.659

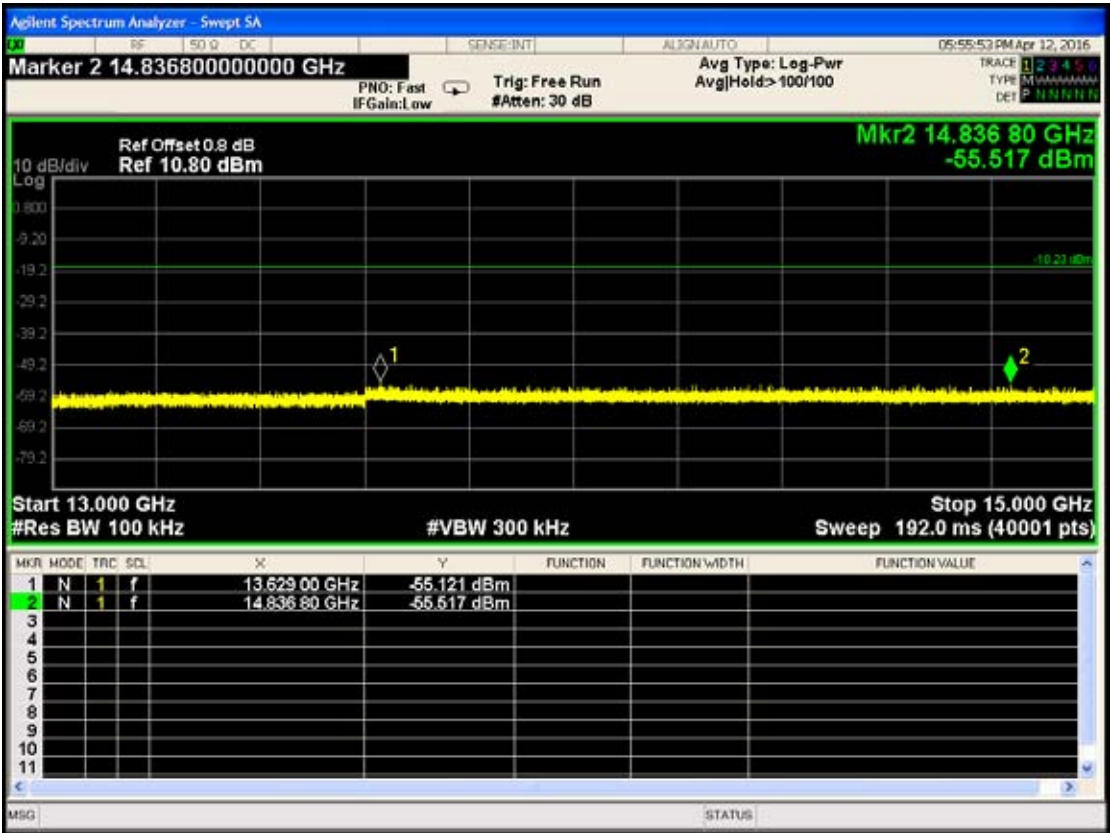
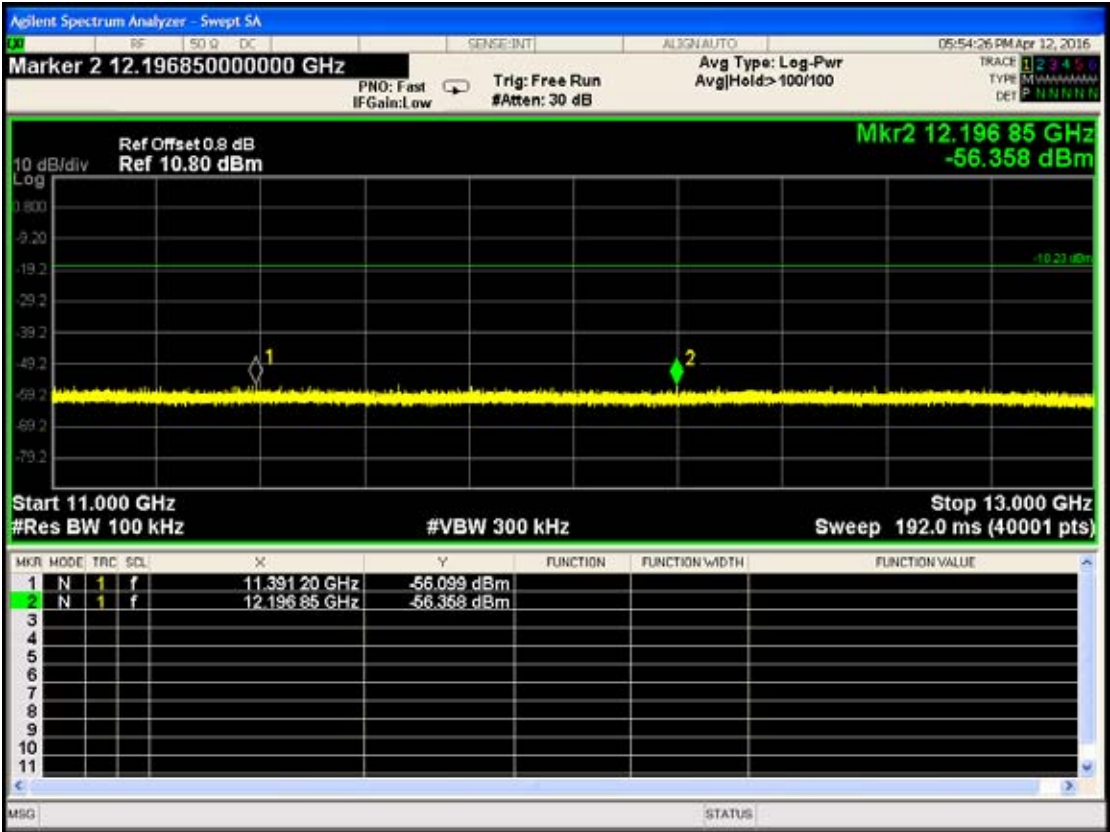
8.4.1. 802.11b

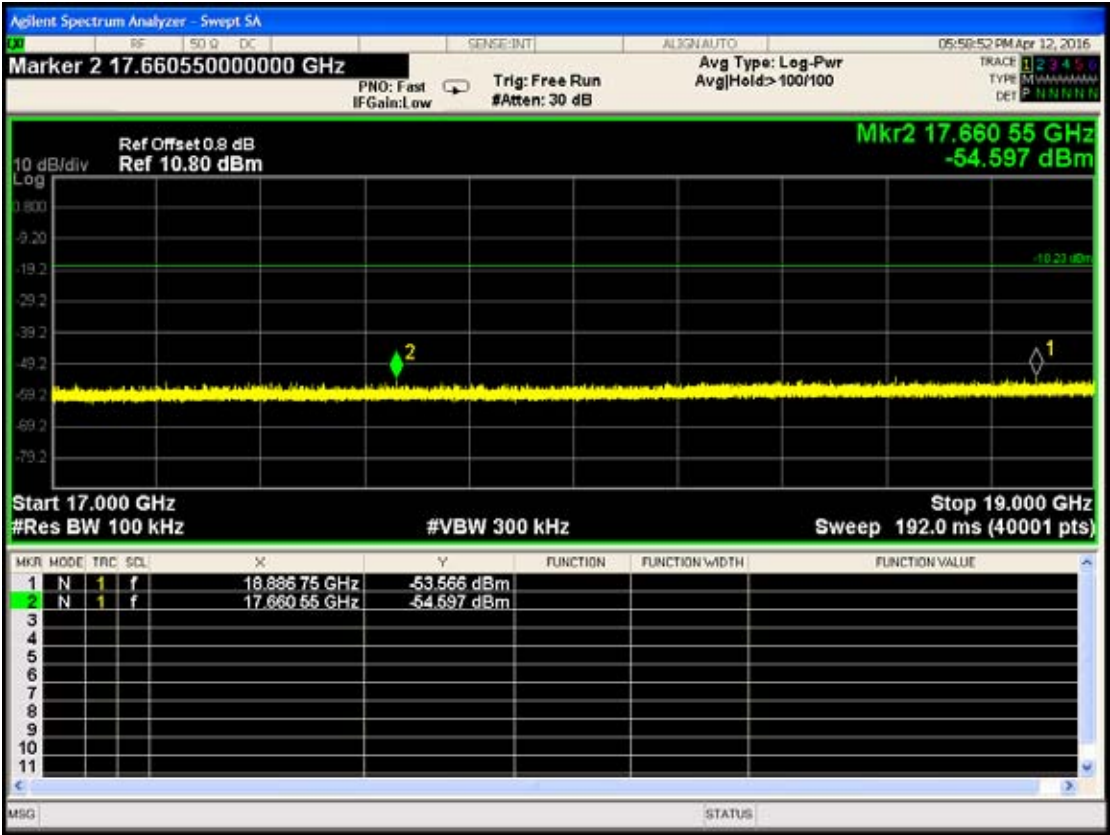
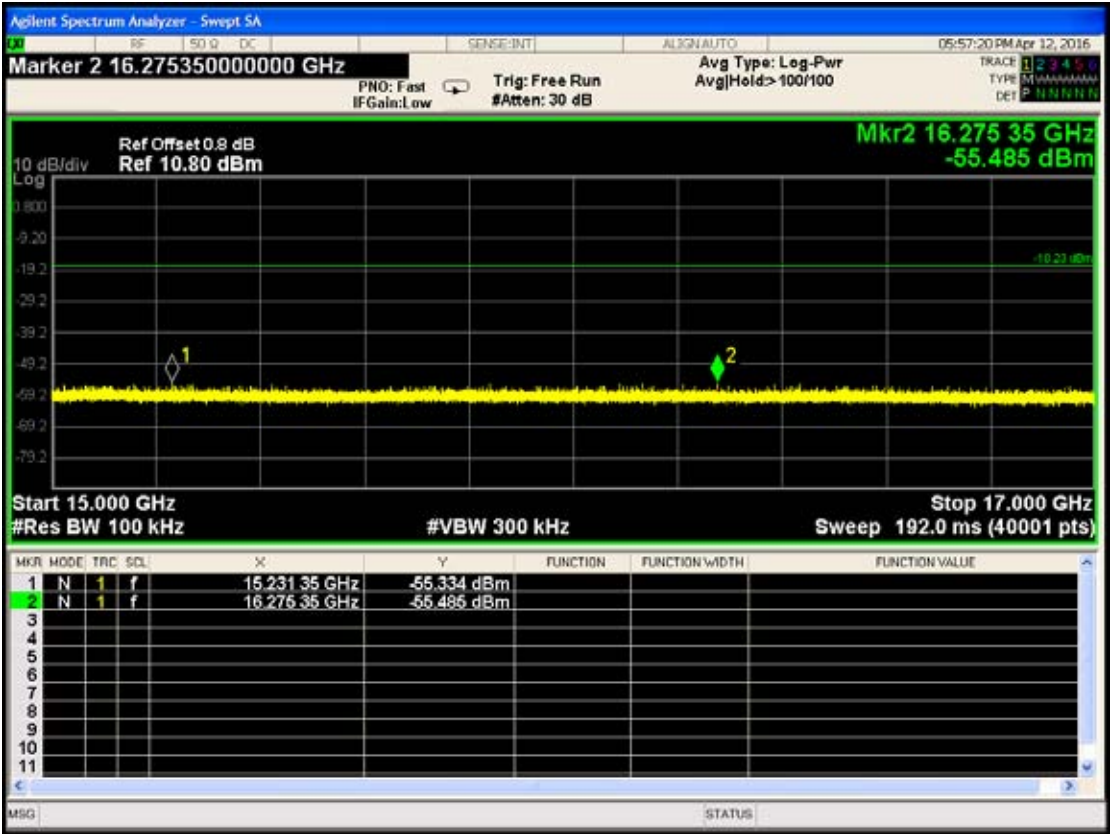
CH 1

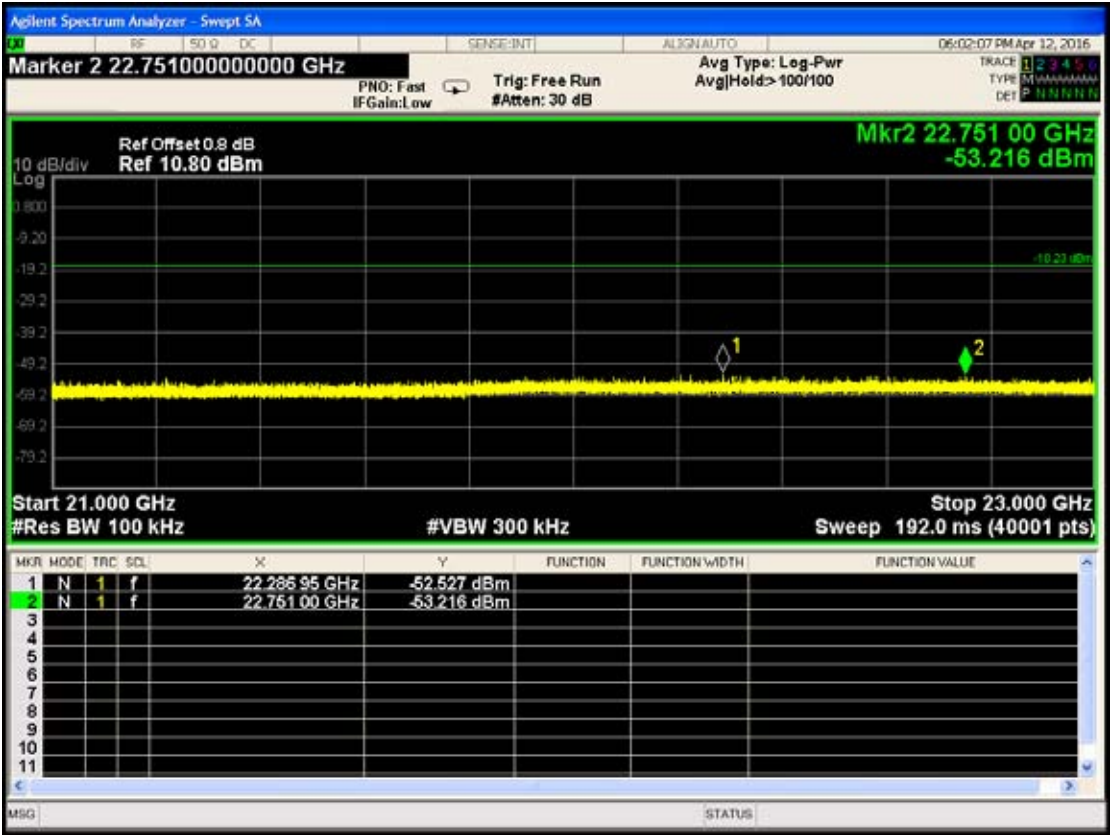
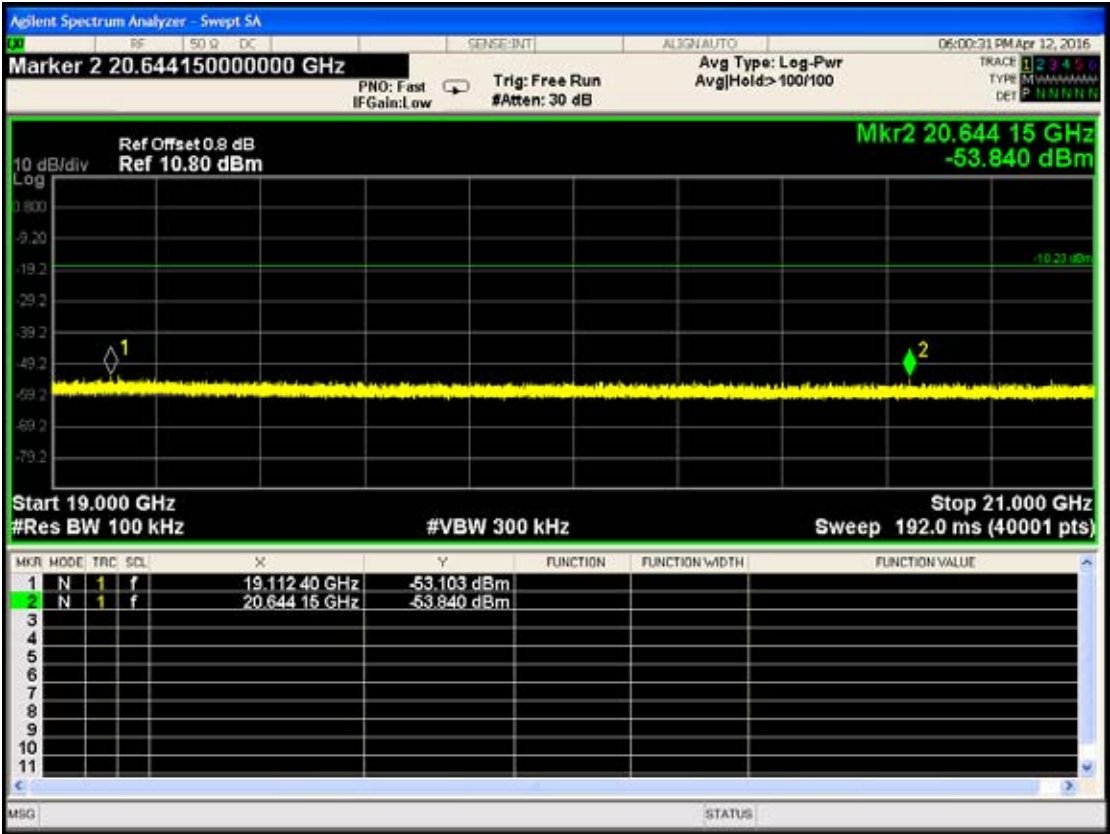


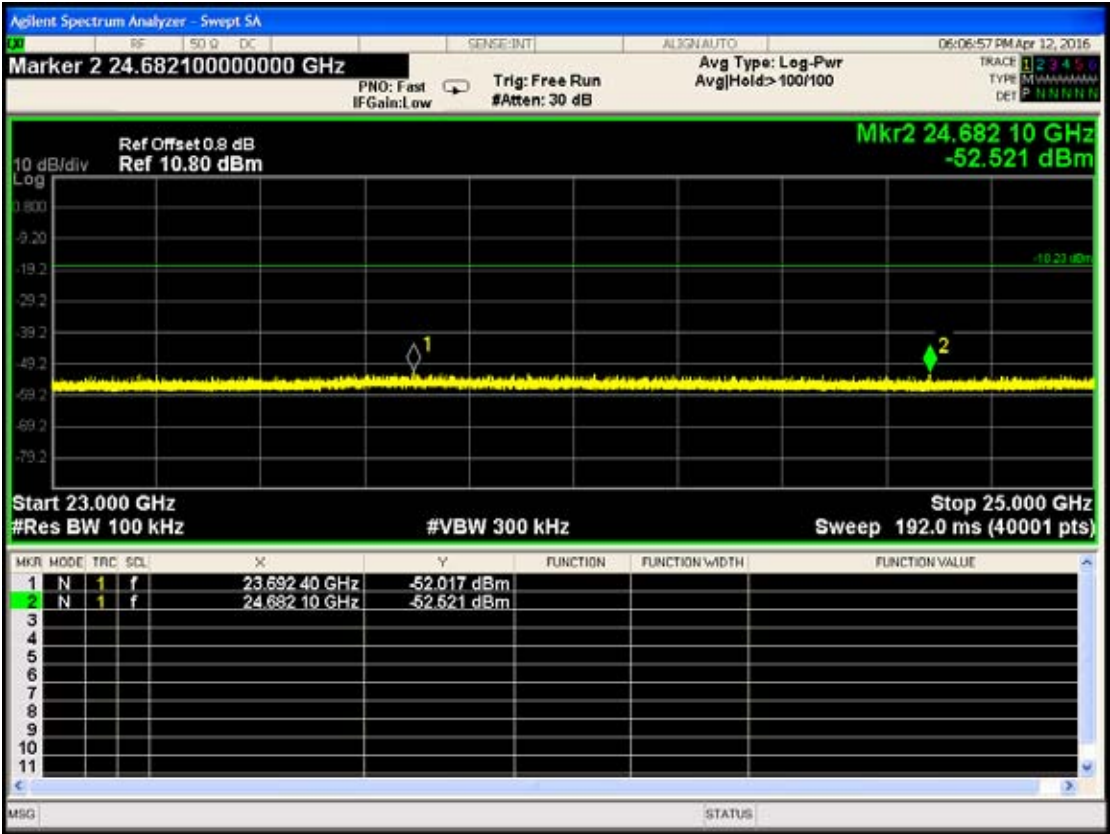












CH 6

