

APPLICATION FOR CERTIFICATION

On Behalf of

Texas Instruments Incorporated

TI-Nspire CX Navigator Access Point

Model No. : TINAVAP3-2

Brand : TEXAS INSTRUMENTS

FCC ID : V7R-TINAVAP3

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-F1305003A

Date of Test : Apr.09~11, 2016

Date of Report : May 04, 2016

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TEST REPORT CERTIFICATION

Applicant : Texas Instruments Incorporated
 Manufacturer : Inventec Appliances(Pudong) Corporation
 EUT Description : TI-Nspire CX Navigator Access Point
 FCC ID : V7R-TINAVAP3
 (A) Model No. : TINAVAP3-2
 (B) Brand : TEXAS INSTRUMENTS
 (C) Power Supply : DC 5V (Supplied by USB port of Laptop)
 (D) Test Voltage : DC 5V

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 15.247 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.09~11, 2016

Date of Report: May 04, 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-F1305003
Rev. A	May 04, 2016	Update the standard from ANSI C63.10-2009 to ANSI C63.10-2013	ACWE-F1305003A

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 Navigator Access Point
Model No.	:	TINAVAP3-2
FCC ID	:	V7R-TINAVAP3
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	:	3.3dB
Type of Network	:	IEEE 802.11 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.09~11, 2016

3.2. UUT's Configuration

Test UUT	:	UUT×1
I/O Ports	:	I/O port×1
USB Cable	:	60 inch×1 18 inch×1

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 laptop, Drive the test software “ART2-GUI V2.3”, 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 Wireless Network Adapter v2

Manufacturer : TI
Brand : TEXAS INSTRUMENTS
Model No. : TINAVWNA2

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	$\pm 0.16\text{ MHz}$
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

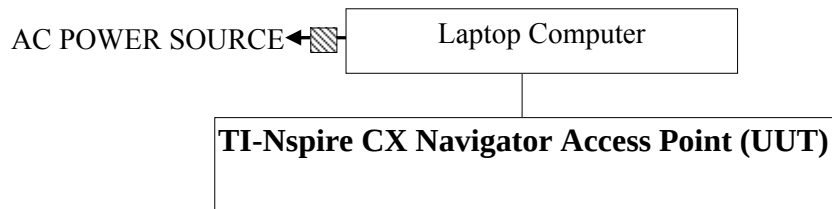
The following test equipment was used during the radiated emission measurement:

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)				

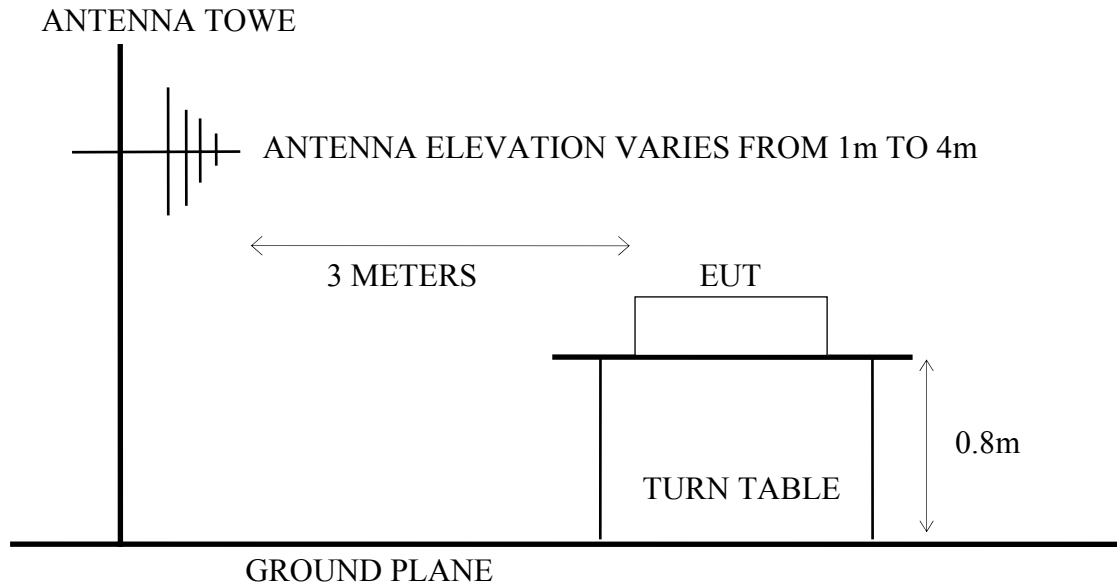
4.2. Block Diagram of Test Setup

4.2.1. Block Diagram of Test Setup between EUT and simulators

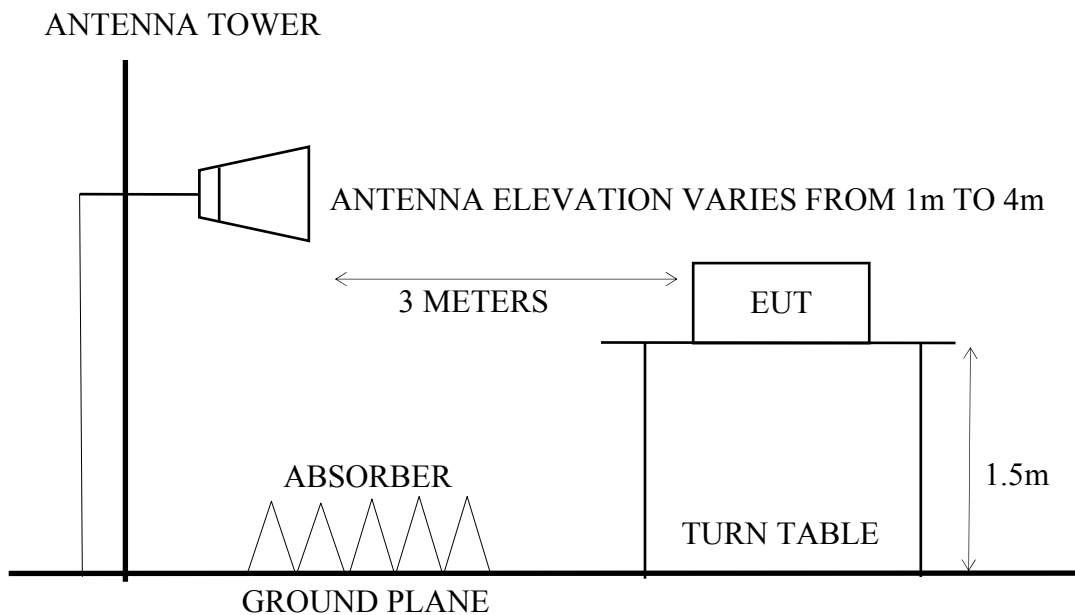


— : POWER LINE
 — : SIGNAL LINE
 ▨ : AC ADAPTER

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



4.2.3. No. 1 3m 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:

$$\text{Emission Level (dB}\mu\text{V/m)} = \text{Reading (dB}\mu\text{V)} + \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)}$$
2. For Above 1GHz measurement:

$$\text{Emission Level (dB}\mu\text{V/m)} = \text{Reading (dB}\mu\text{V)} + \text{Antenna Factor (dB/m)} + \text{Cable Loss(dB)} - \text{Pre-amplifier factor (dB)}$$

4.5. Measurement Results

PASSED

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.10, 2016

Temperature : 20.7℃

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))

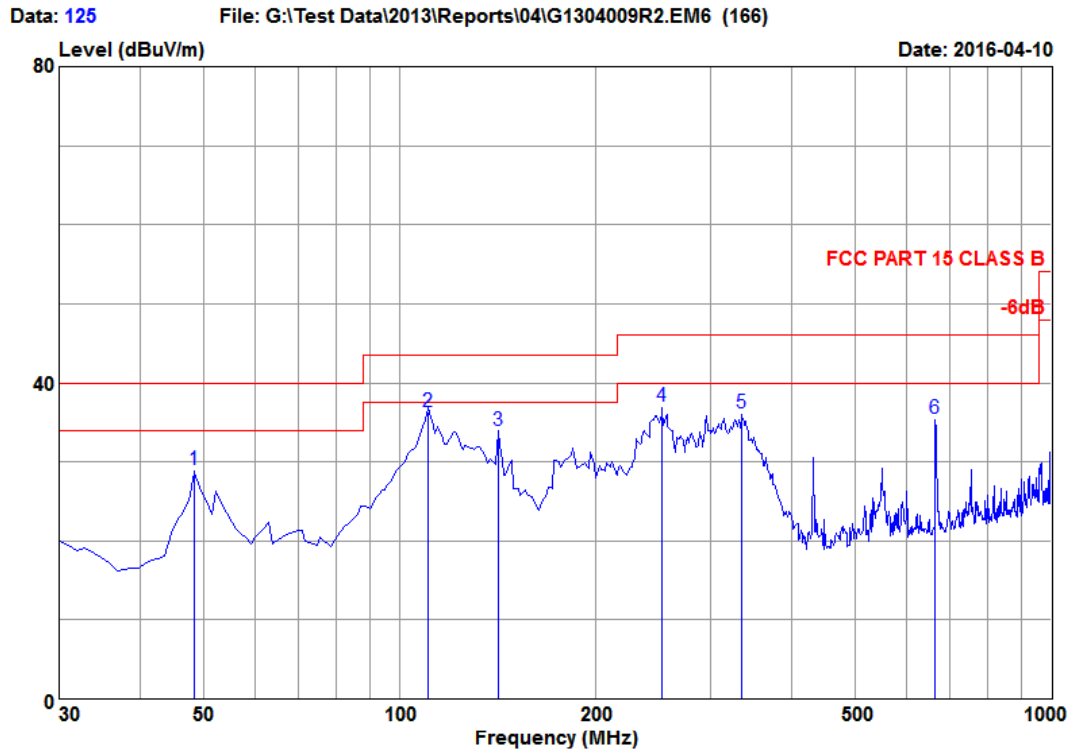
No.	Test Mode and Frequency			Reference Test Data No.	
				Horizontal	Vertical
1.	Transmitting	802.11b	2412MHz (Channel 1)	#1 , #3	#2 , #4
2.			2462MHz (Channel 11)	#5 , #7	#6 , #8
3.		802.11g	2412MHz (Channel 1)	#9 , #11	#10 , #12
4.			2462MHz (Channel 11)	#13 , #15	#14 , #16
5.		802.11n HT20	2412MHz (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
 Dis. / Ant. : 3m 6112D(22253)-150805
 Limit : FCC PART 15 CLASS B
 Env. / Ins. : 20.7*43%/ESCI
 EUT : TI-nspire CX navigator access point
 M/N : TINAVAP3-2
 Power Rating : DC 5V
 Test Mode : TX 802.11b CH1 2412MHz
 Memo :

Data NO. :125
 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	48.43	9.80	0.60	45.84	28.94	40.00	11.06	QP
2	110.51	12.30	0.90	50.24	36.28	43.50	7.22	QP
3	141.55	12.08	1.03	47.83	33.91	43.50	9.59	QP
4	253.10	13.43	1.44	48.80	36.98	46.00	9.02	QP
5	335.55	14.93	1.69	46.41	36.18	46.00	9.82	QP
6	664.38	19.72	2.50	41.18	35.56	46.00	10.44	QP

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

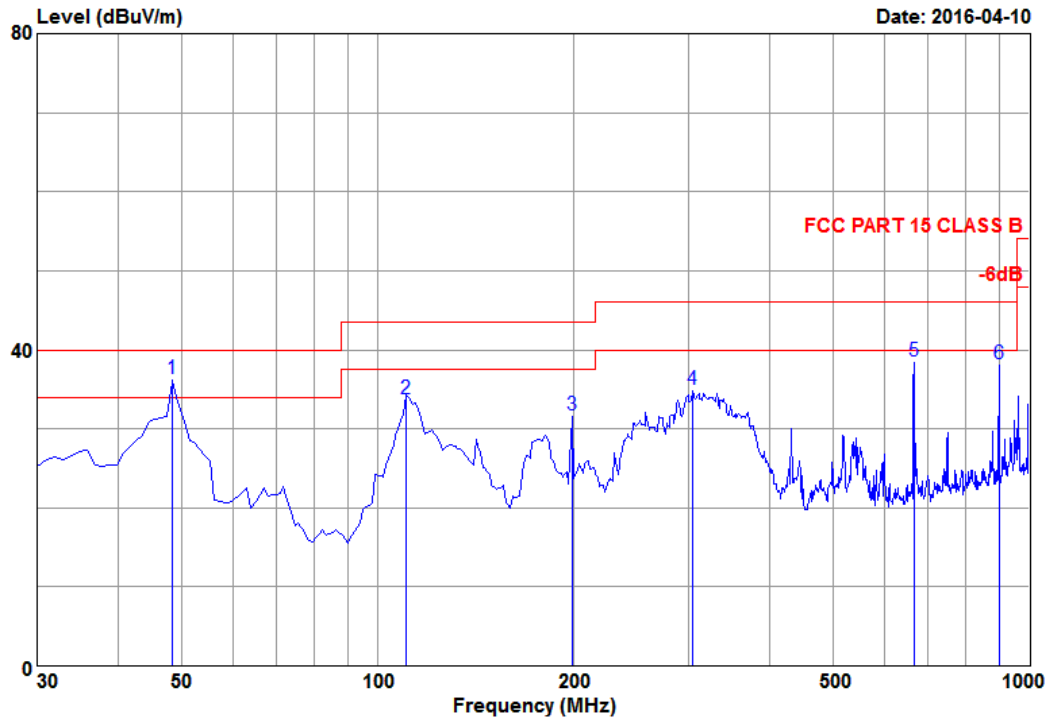


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Data: 126

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-10



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating : DC 5V
 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	48.43	9.80	0.60	53.32	36.42	40.00	3.58	QP
2	110.51	12.30	0.90	47.76	33.80	43.50	9.70	QP
3	198.78	10.18	1.26	47.10	31.74	43.50	11.76	QP
4	304.51	14.13	1.60	45.89	34.99	46.00	11.01	QP
5	665.35	19.73	2.51	44.14	38.55	46.00	7.45	QP
6	898.15	21.78	3.02	40.68	38.27	46.00	7.73	QP

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

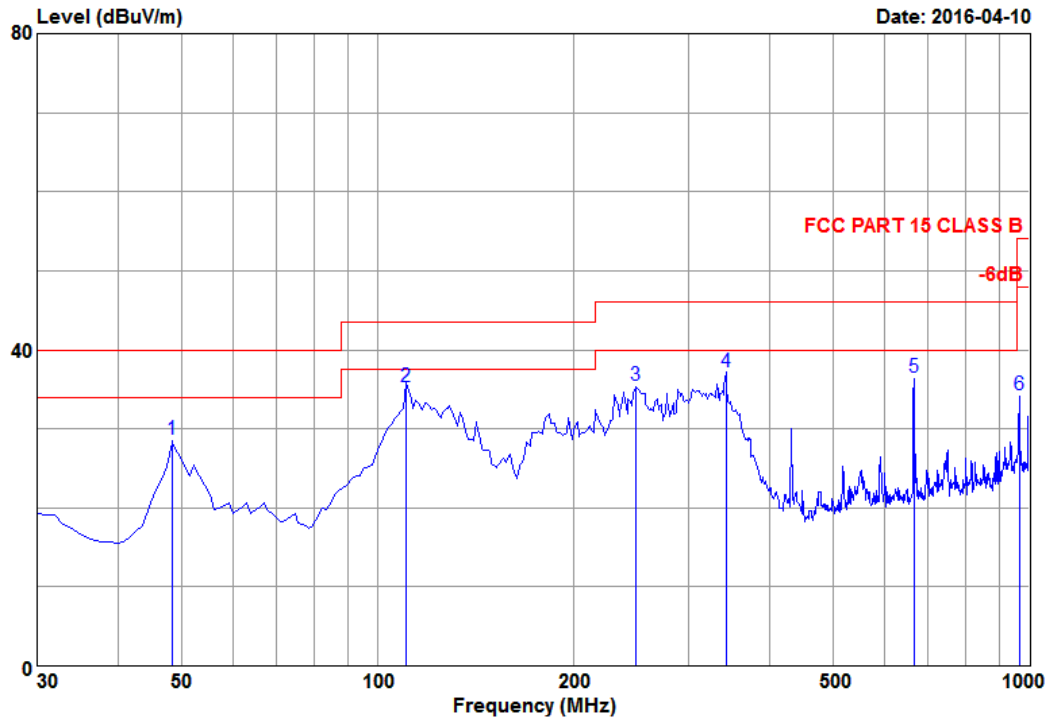


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Data: 127

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-10



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating : DC 5V
 Test Mode : TX 802.11b CH6 2437MHz
 Memo :

Data NO. :127
 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	48.43	9.80	0.60	45.63	28.73	40.00	11.27	QP
2	110.51	12.30	0.90	49.32	35.36	43.50	8.14	QP
3	249.22	13.11	1.42	47.57	35.40	46.00	10.60	QP
4	342.34	15.11	1.71	47.35	37.27	46.00	8.73	QP
5	665.35	19.73	2.51	42.16	36.57	46.00	9.43	QP
6	967.02	22.40	3.25	35.54	34.26	54.00	19.74	QP

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

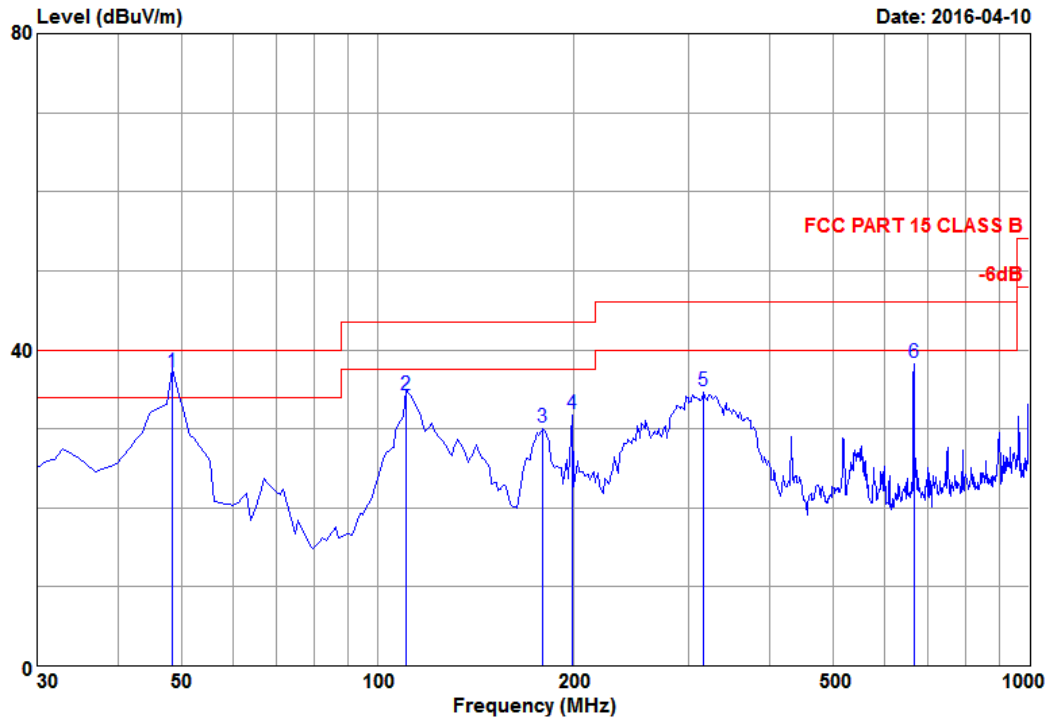


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Data: 128

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-10



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 Dis. / Ant. : 3m 6112D(22253)-150805
 Limit : FCC PART 15 CLASS B
 Env. / Ins. : 20.7*43%/ESCI
 EUT : TI-nspire CX navigator access point
 M/N : TINAVAP3-2
 Power Rating : DC 5V
 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	48.43	9.80	0.60	54.04	37.14	40.00	2.86	QP
2	110.51	12.30	0.90	48.32	34.36	43.50	9.14	QP
3	179.38	9.76	1.18	46.19	30.25	43.50	13.25	QP
4	198.78	10.18	1.26	47.25	31.89	43.50	11.61	QP
5	316.15	14.43	1.64	45.41	34.77	46.00	11.23	QP
6	665.35	19.73	2.51	43.91	38.32	46.00	7.68	QP

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

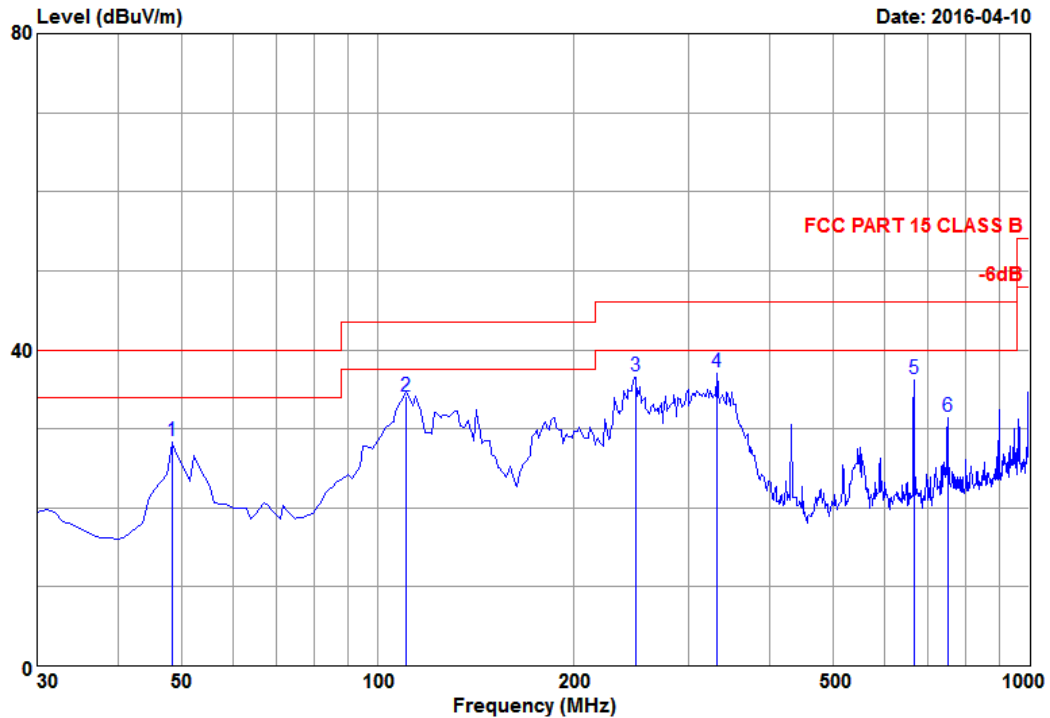


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Data: 129

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Date: 2016-04-10



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating : DC 5V
 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	48.43	9.80	0.60	45.36	28.46	40.00	11.54	QP
2	110.51	12.30	0.90	48.12	34.16	43.50	9.34	QP
3	249.22	13.11	1.42	48.88	36.71	46.00	9.29	QP
4	331.67	14.83	1.68	47.42	37.11	46.00	8.89	QP
5	665.35	19.73	2.51	41.92	36.33	46.00	9.67	QP
6	749.74	20.35	2.70	36.34	31.59	46.00	14.41	QP

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

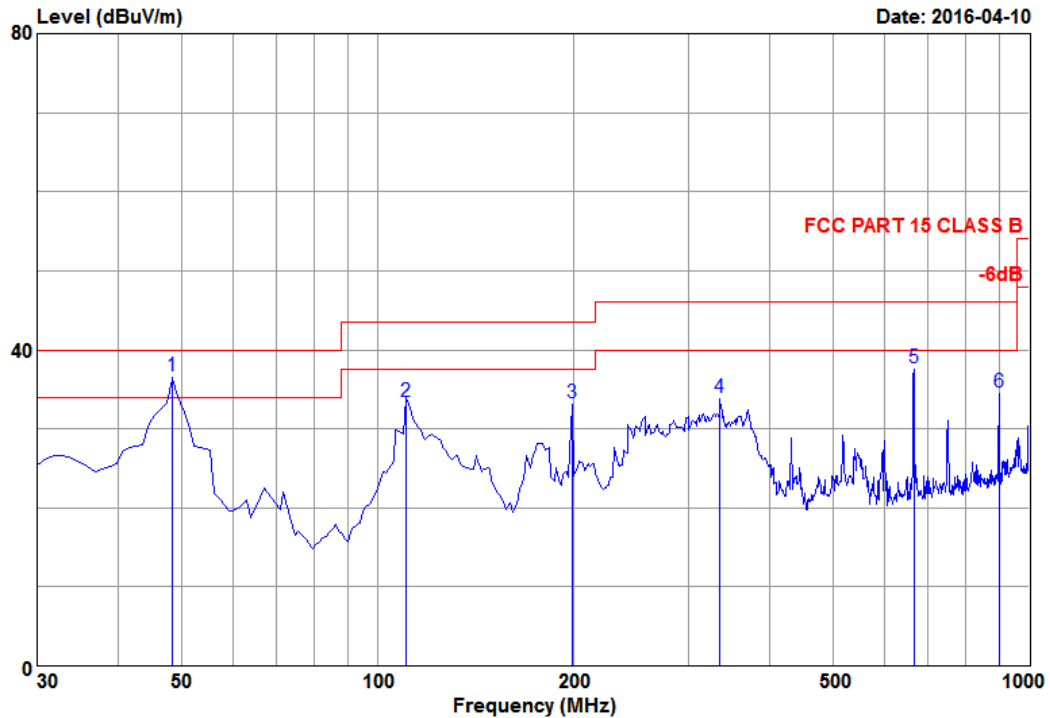


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Data: 130

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-10



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating : DC 5V
 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	48.43	9.80	0.60	53.66	36.76	40.00	3.24	QP
2	110.51	12.30	0.90	47.38	33.42	43.50	10.08	QP
3	198.78	10.18	1.26	48.70	33.34	43.50	10.16	QP
4	335.55	14.93	1.69	44.24	34.01	46.00	11.99	QP
5	665.35	19.73	2.51	43.36	37.77	46.00	8.23	QP
6	898.15	21.78	3.02	37.13	34.72	46.00	11.28	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

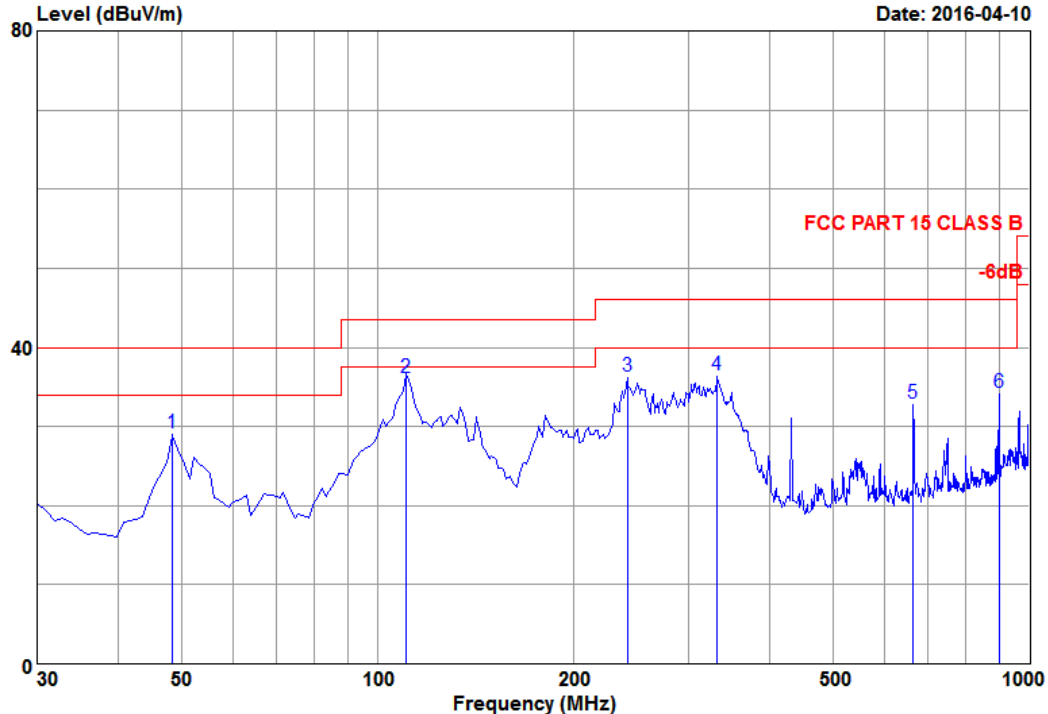


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Data: 131

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-10



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating : DC 5V
 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	48.43	9.80	0.60	46.13	29.23	40.00	10.77	QP
2	110.51	12.30	0.90	50.14	36.18	43.50	7.32	QP
3	241.46	12.46	1.40	49.26	36.40	46.00	9.60	QP
4	331.67	14.83	1.68	46.83	36.52	46.00	9.48	QP
5	664.38	19.72	2.50	38.60	32.98	46.00	13.02	QP
6	898.15	21.78	3.02	36.78	34.37	46.00	11.63	QP

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

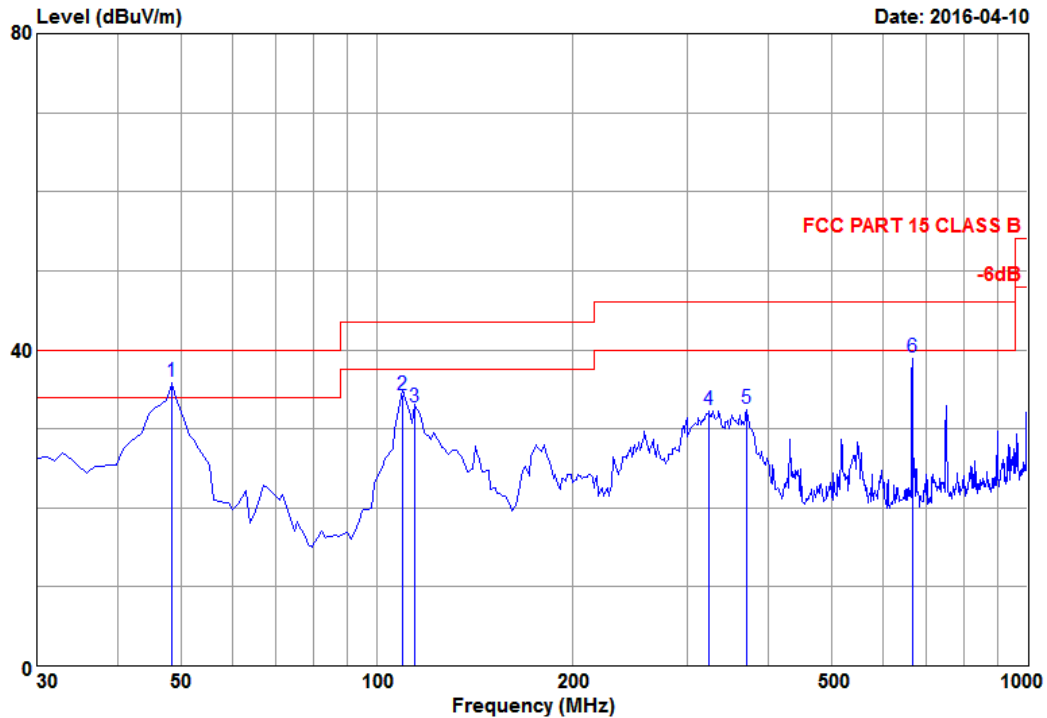


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Data: 132

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-10



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating : DC 5V
 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	48.43	9.80	0.60	52.98	36.08	40.00	3.92	QP
2	109.54	12.20	0.90	48.39	34.33	43.50	9.17	QP
3	114.39	12.66	0.92	46.24	32.68	43.50	10.82	QP
4	323.91	14.63	1.66	42.83	32.35	46.00	13.65	QP
5	369.50	15.82	1.79	42.10	32.62	46.00	13.38	QP
6	665.35	19.73	2.51	44.58	38.99	46.00	7.01	QP

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

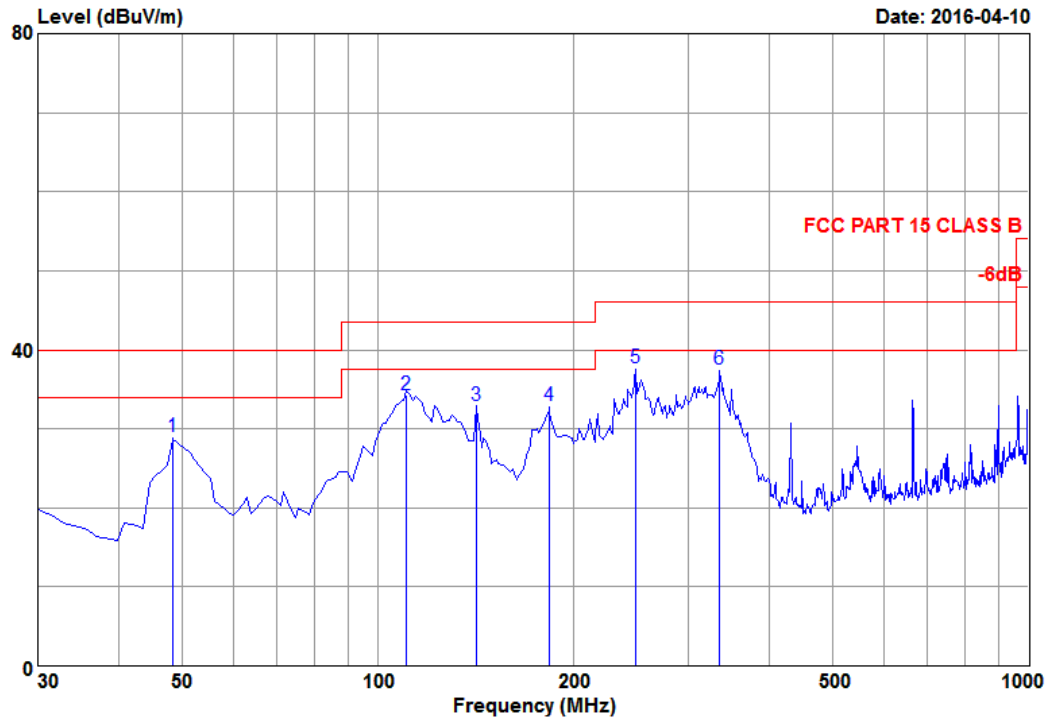


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Data: 133

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-10



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating : DC 5V
 Test Mode : TX 802.11g CH6 2437MHz
 Memo :

Data NO. :133
 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	48.43	9.80	0.60	45.86	28.96	40.00	11.04	QP
2	110.51	12.30	0.90	48.31	34.35	43.50	9.15	QP
3	141.55	12.08	1.03	46.89	32.97	43.50	10.53	QP
4	183.26	9.77	1.19	48.75	32.84	43.50	10.66	QP
5	249.22	13.11	1.42	49.83	37.66	46.00	8.34	QP
6	335.55	14.93	1.69	47.77	37.54	46.00	8.46	QP

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

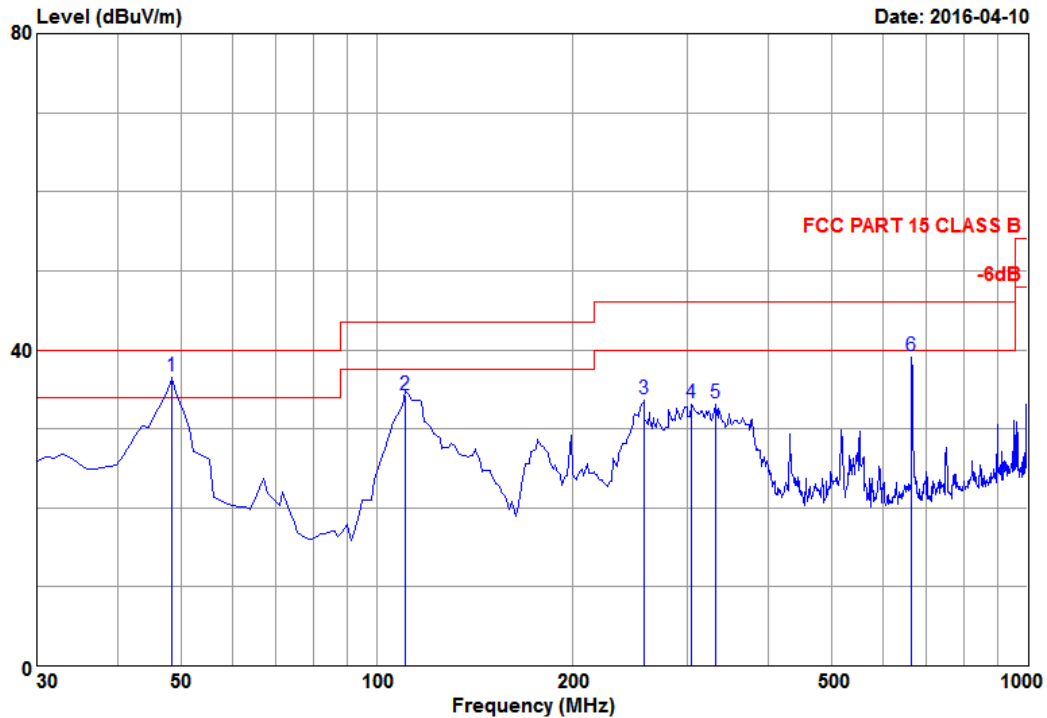


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Data: 134

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-10



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating : DC 5V
 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	48.43	9.80	0.60	53.65	36.75	40.00	3.25	QP
2	110.51	12.30	0.90	48.19	34.23	43.50	9.27	QP
3	256.98	13.76	1.45	45.24	33.76	46.00	12.24	QP
4	304.51	14.13	1.60	44.10	33.20	46.00	12.80	QP
5	331.67	14.83	1.68	43.54	33.23	46.00	12.77	QP
6	664.38	19.72	2.50	44.91	39.29	46.00	6.71	QP

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

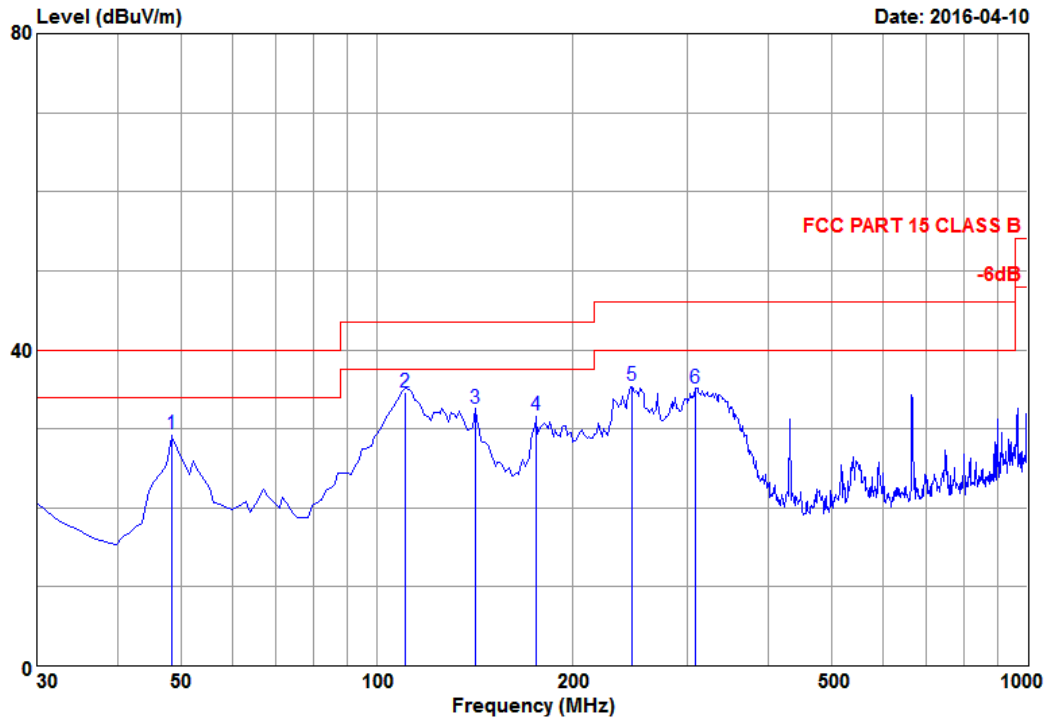


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File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-10



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating : DC 5V
 Test Mode : TX 802.11g CH11 2462MHz
 Memo :

Data NO. :135
 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	48.43	9.80	0.60	46.28	29.38	40.00	10.62	QP
2	110.51	12.30	0.90	48.52	34.56	43.50	8.94	QP
3	141.55	12.08	1.03	46.56	32.64	43.50	10.86	QP
4	175.50	9.99	1.16	47.56	31.81	43.50	11.69	QP
5	246.31	12.87	1.41	47.85	35.42	46.00	10.58	QP
6	309.36	14.25	1.62	45.99	35.19	46.00	10.81	QP

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

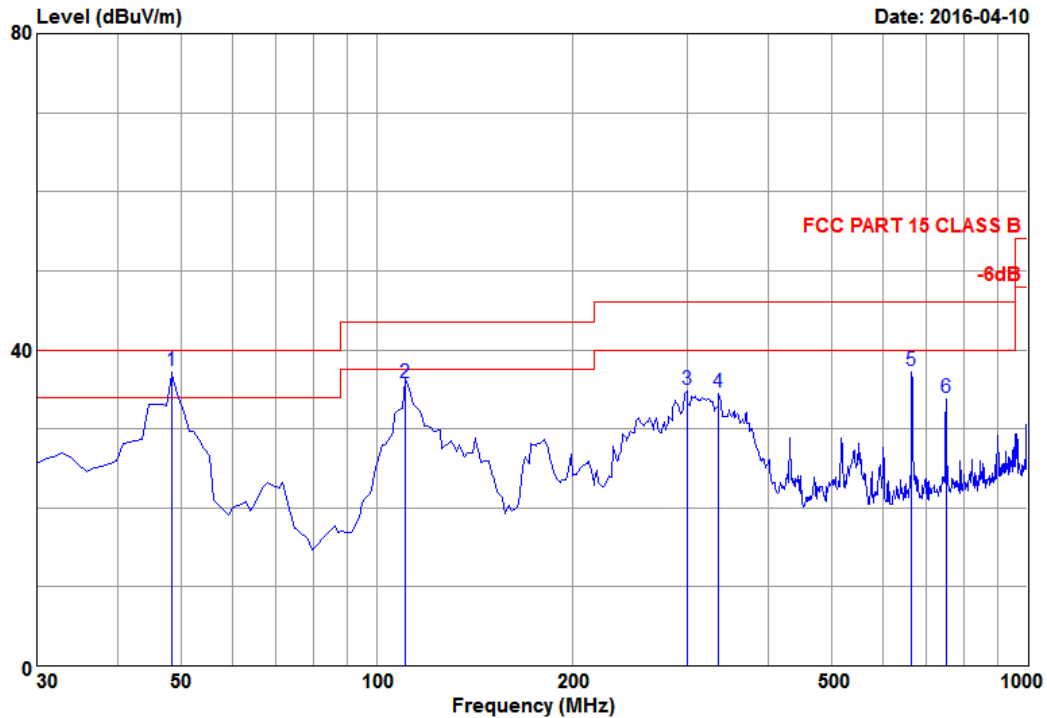


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Data: 136

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-10



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating : DC 5V
 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	48.43	9.80	0.60	54.22	37.32	40.00	2.68	QP
2	110.51	12.30	0.90	49.82	35.86	43.50	7.64	QP
3	299.66	14.00	1.59	45.95	34.94	46.00	11.06	QP
4	335.55	14.93	1.69	44.94	34.71	46.00	11.29	QP
5	664.38	19.72	2.50	43.06	37.44	46.00	8.56	QP
6	749.74	20.35	2.70	38.76	34.01	46.00	11.99	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

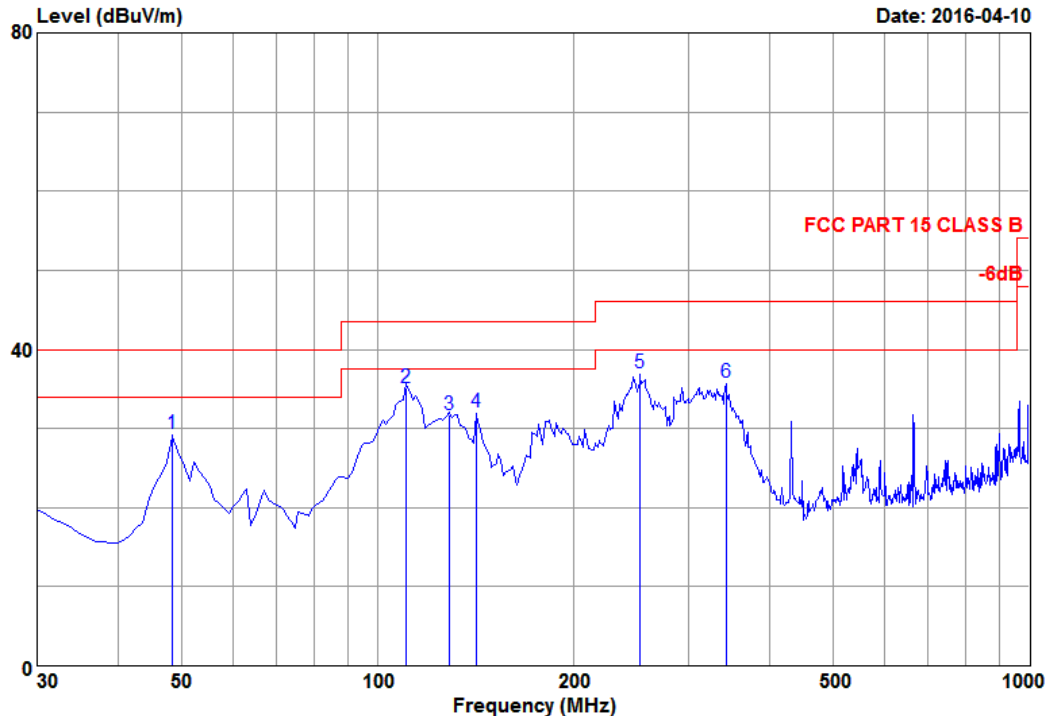


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Data: 137

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-10



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating : DC 5V
 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	48.43	9.80	0.60	46.24	29.34	40.00	10.66	QP
2	110.51	12.30	0.90	49.12	35.16	43.50	8.34	QP
3	128.94	12.75	0.98	45.09	31.74	43.50	11.76	QP
4	141.55	12.08	1.03	45.95	32.03	43.50	11.47	QP
5	253.10	13.43	1.44	48.79	36.97	46.00	9.03	QP
6	342.34	15.11	1.71	45.88	35.80	46.00	10.20	QP

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

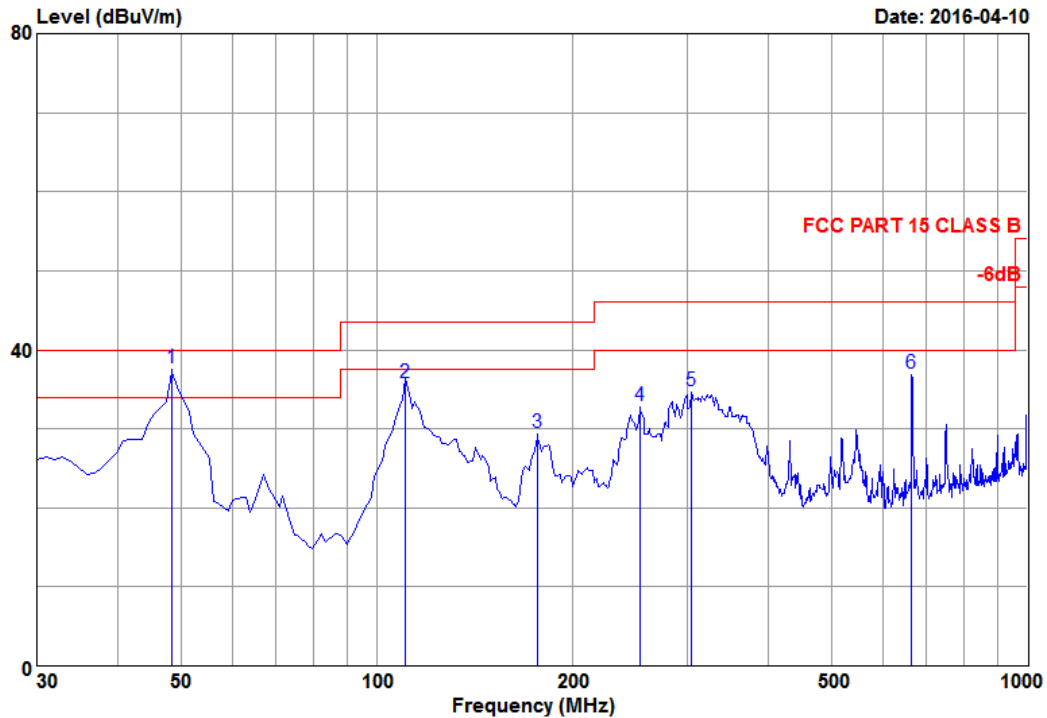


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Data: 138

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-10



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating : DC 5V
 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	48.43	9.80	0.60	54.53	37.63	40.00	2.37	QP
2	110.51	12.30	0.90	49.82	35.86	43.50	7.64	QP
3	176.47	9.93	1.17	45.37	29.58	43.50	13.92	QP
4	254.07	13.51	1.44	44.66	32.92	46.00	13.08	QP
5	304.51	14.13	1.60	45.63	34.73	46.00	11.27	QP
6	664.38	19.72	2.50	42.59	36.97	46.00	9.03	QP

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

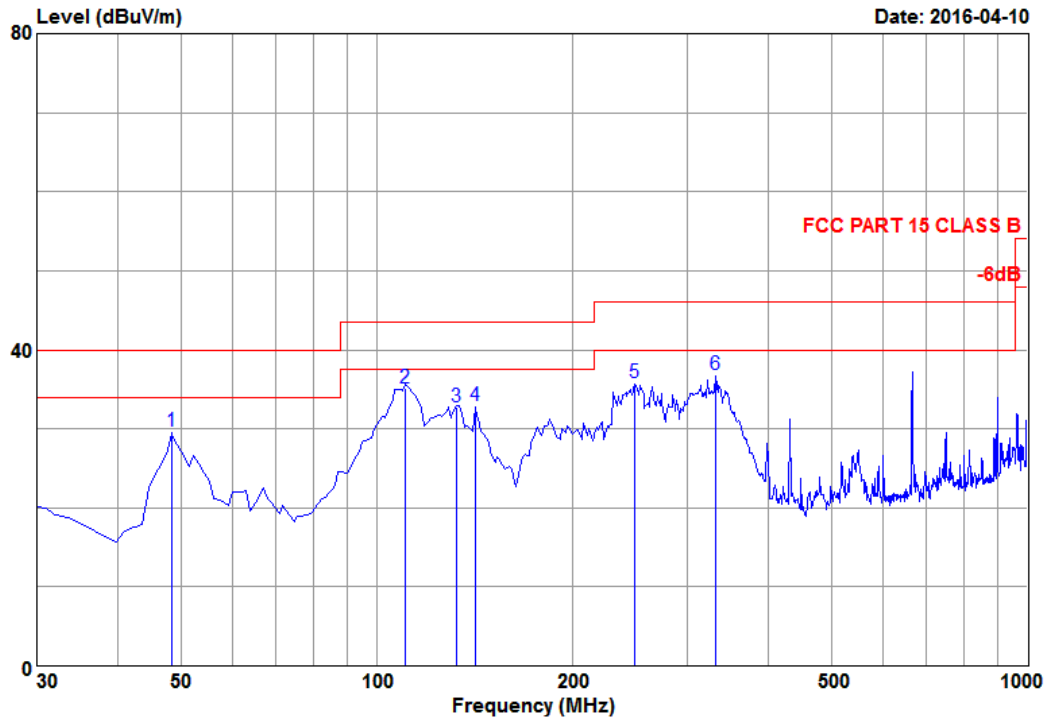


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Data: 139

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-10



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating : DC 5V
 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	48.43	9.80	0.60	46.57	29.67	40.00	10.33	QP
2	110.51	12.30	0.90	49.04	35.08	43.50	8.42	QP
3	132.82	12.55	0.99	46.26	32.73	43.50	10.77	QP
4	141.55	12.08	1.03	46.79	32.87	43.50	10.63	QP
5	249.22	13.11	1.42	47.98	35.81	46.00	10.19	QP
6	331.67	14.83	1.68	47.21	36.90	46.00	9.10	QP

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

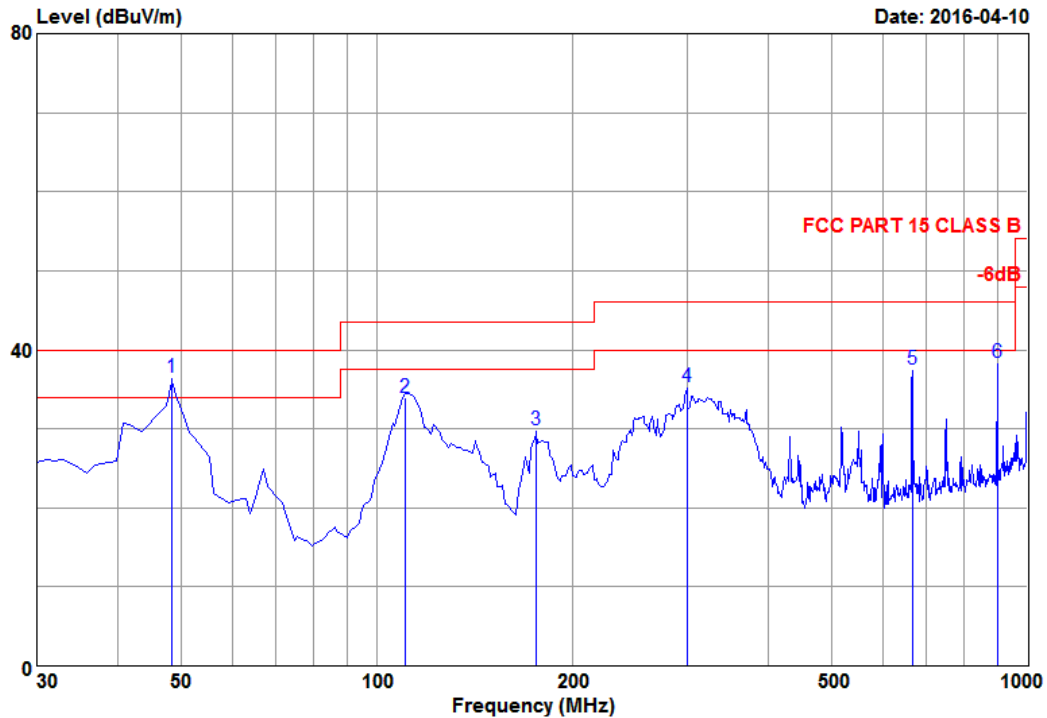


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File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-10



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating : DC 5V
 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	48.43	9.80	0.60	53.43	36.53	40.00	3.47	QP
2	110.51	12.30	0.90	47.93	33.97	43.50	9.53	QP
3	175.50	9.99	1.16	45.67	29.92	43.50	13.58	QP
4	299.66	14.00	1.59	46.34	35.33	46.00	10.67	QP
5	665.35	19.73	2.51	43.11	37.52	46.00	8.48	QP
6	898.15	21.78	3.02	40.84	38.43	46.00	7.57	QP

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

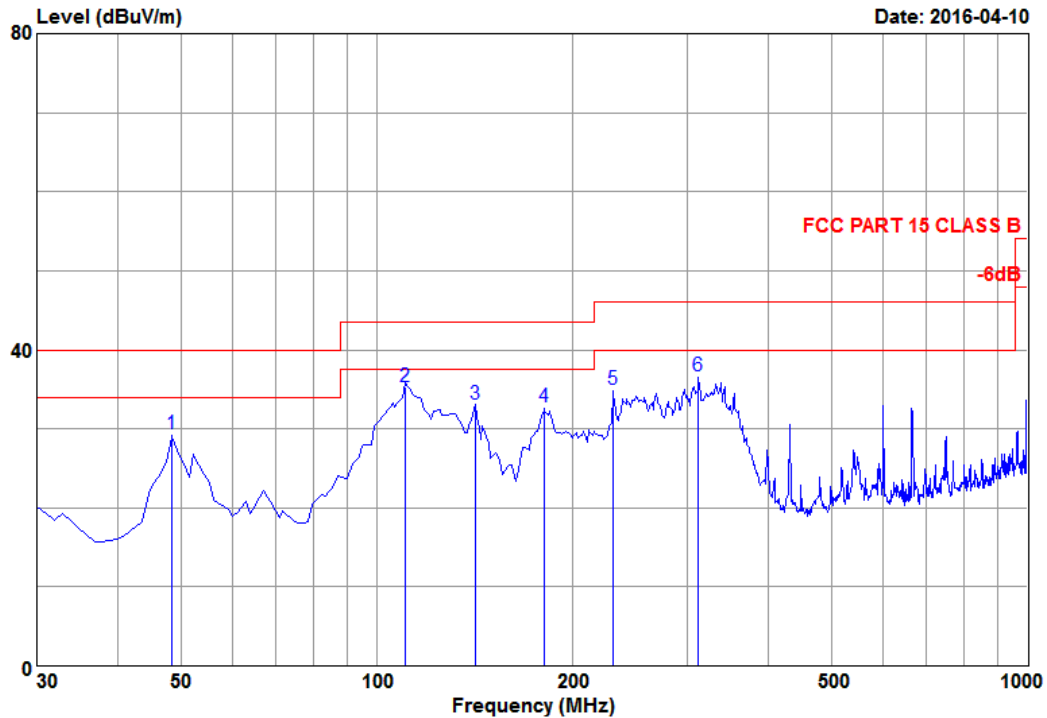


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Data: 141

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Date: 2016-04-10



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating : DC 5V
 Test Mode : TX 802.11nHT20 CH11 2462MHz
 Memo :

Data NO. :141
 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	48.43	9.80	0.60	46.17	29.27	40.00	10.73	QP
2	110.51	12.30	0.90	49.23	35.27	43.50	8.23	QP
3	141.55	12.08	1.03	46.98	33.06	43.50	10.44	QP
4	180.35	9.70	1.18	48.77	32.77	43.50	10.73	QP
5	230.79	11.62	1.36	48.71	34.95	46.00	11.05	QP
6	312.27	14.33	1.63	47.44	36.71	46.00	9.29	QP

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

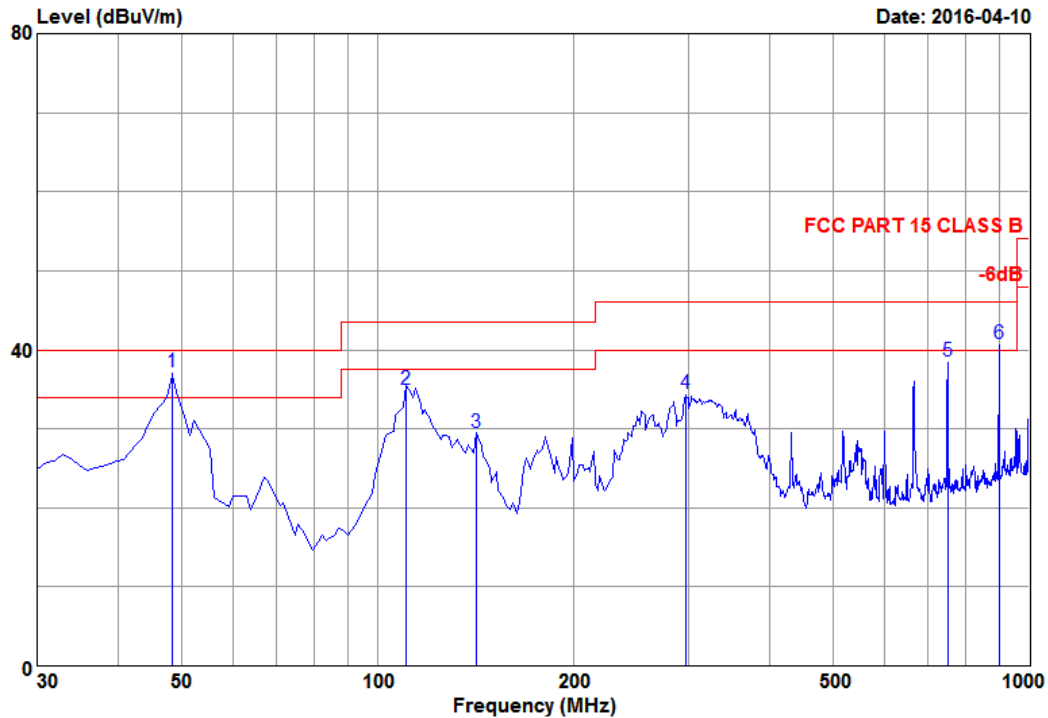


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Data: 142

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-10



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating : DC 5V
 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	48.43	9.80	0.60	54.02	37.12	40.00	2.88	QP
2	110.51	12.30	0.90	49.01	35.05	43.50	8.45	QP
3	141.55	12.08	1.03	43.47	29.55	43.50	13.95	QP
4	296.75	13.94	1.58	45.48	34.39	46.00	11.61	QP
5	749.74	20.35	2.70	43.35	38.60	46.00	7.40	QP
6	898.15	21.78	3.02	43.25	40.84	46.00	5.16	QP

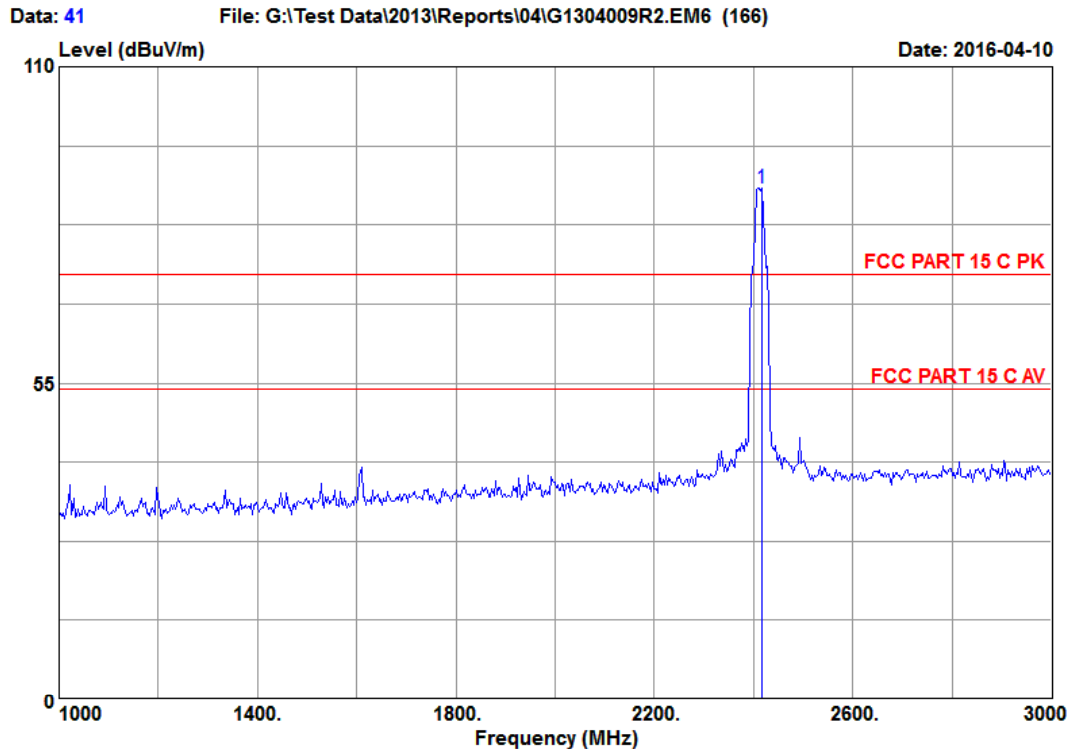
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

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*CS48%/N9030A
 EUT : TI-nspire CX navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	2416.00	28.49	5.12	89.87	34.50	88.98	74.00	-14.98	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.

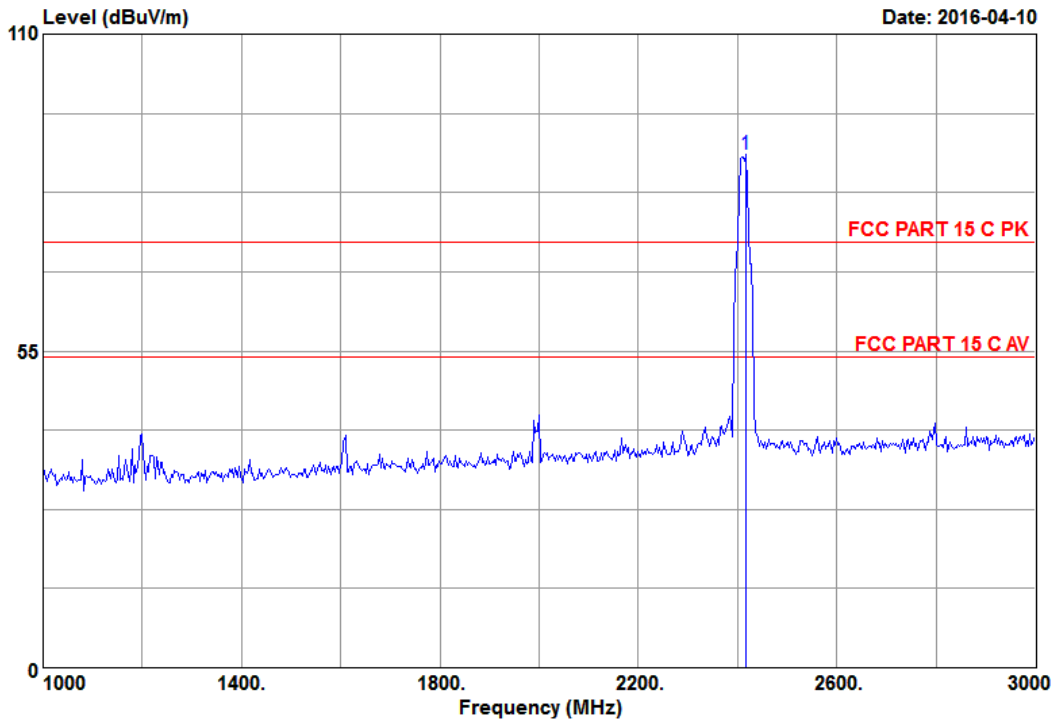


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Data: 43

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Date: 2016-04-10



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	2416.00	28.49	5.12	89.97	34.50	89.08	74.00	-15.08	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.

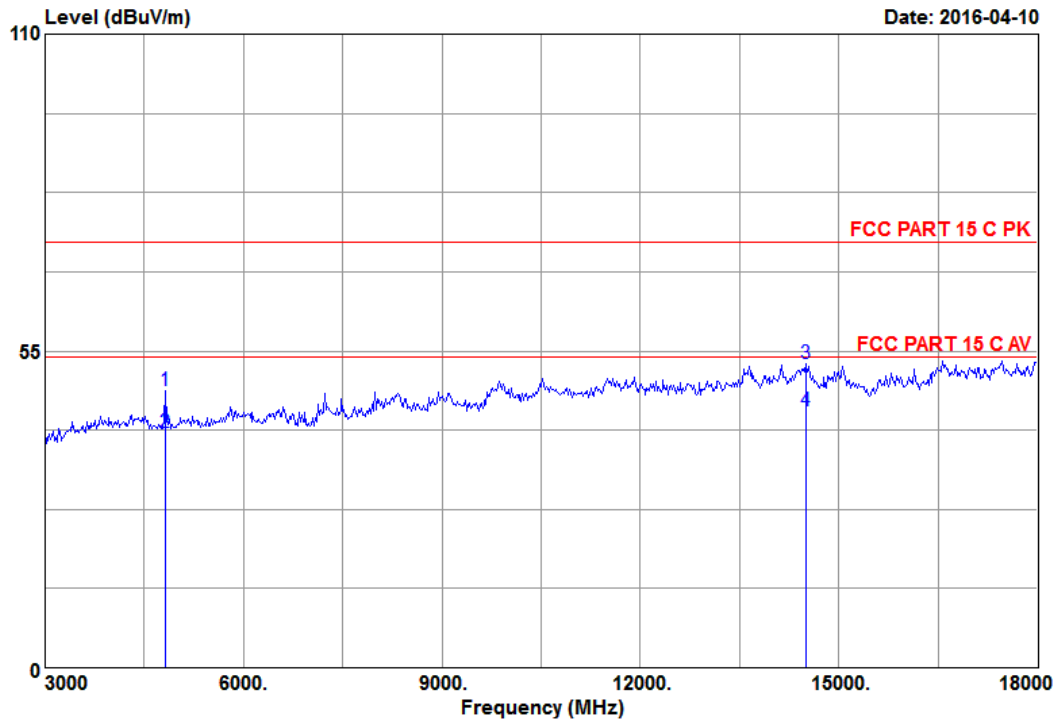


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Data: 42

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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 PK
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-nspire CX navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	4824.00	32.89	7.33	41.80	33.95	48.07	74.00	25.93	Peak
2	4825.25	32.89	7.33	34.60	33.95	40.87	54.00	13.13	Average
3	14495.00	42.60	13.01	29.40	32.28	52.73	74.00	21.27	Peak
4	14496.25	42.60	13.01	21.30	32.28	44.63	54.00	9.37	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.

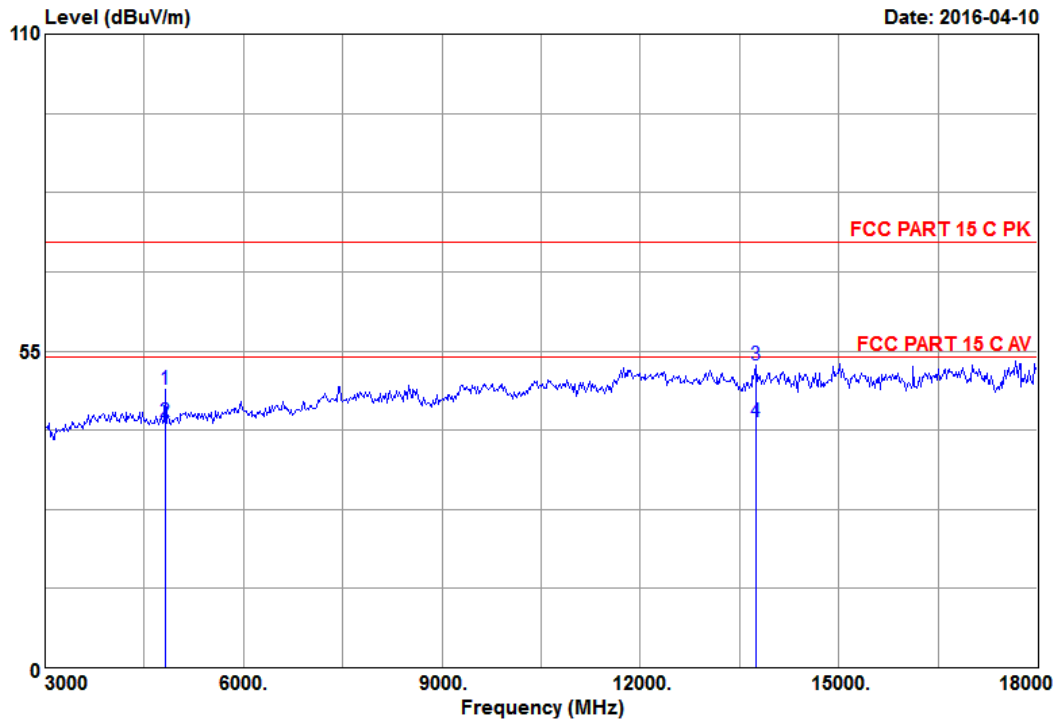


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Data: 44

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Date: 2016-04-10



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	4824.00	32.89	7.33	42.03	33.95	48.30	74.00	25.70	Peak
2	4825.58	32.89	7.33	36.40	33.95	42.67	54.00	11.33	Average
3	13754.00	41.65	12.71	29.99	31.81	52.54	74.00	21.46	Peak
4	13755.25	41.65	12.71	20.10	31.81	42.65	54.00	11.35	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.

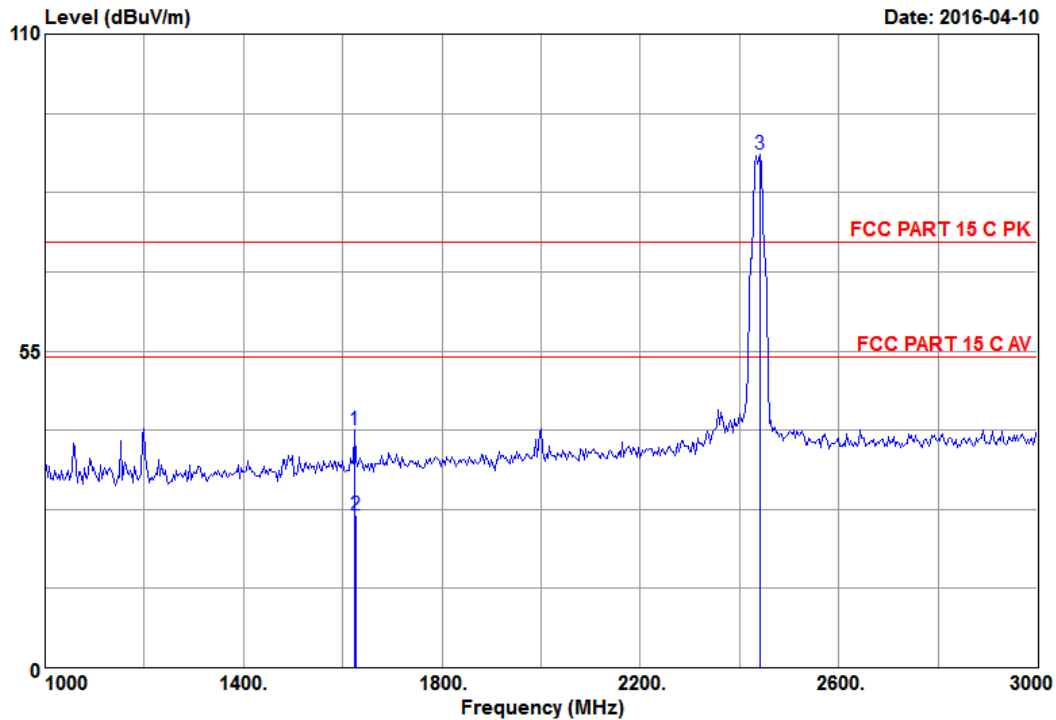


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Date: 2016-04-10



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	1624.00	25.67	4.04	46.43	34.95	41.19	74.00	32.81	Peak
2	1625.25	25.67	4.08	31.60	34.92	26.43	54.00	27.57	Average
3	2440.00	28.58	5.12	89.91	34.50	89.11	74.00	-15.11	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.

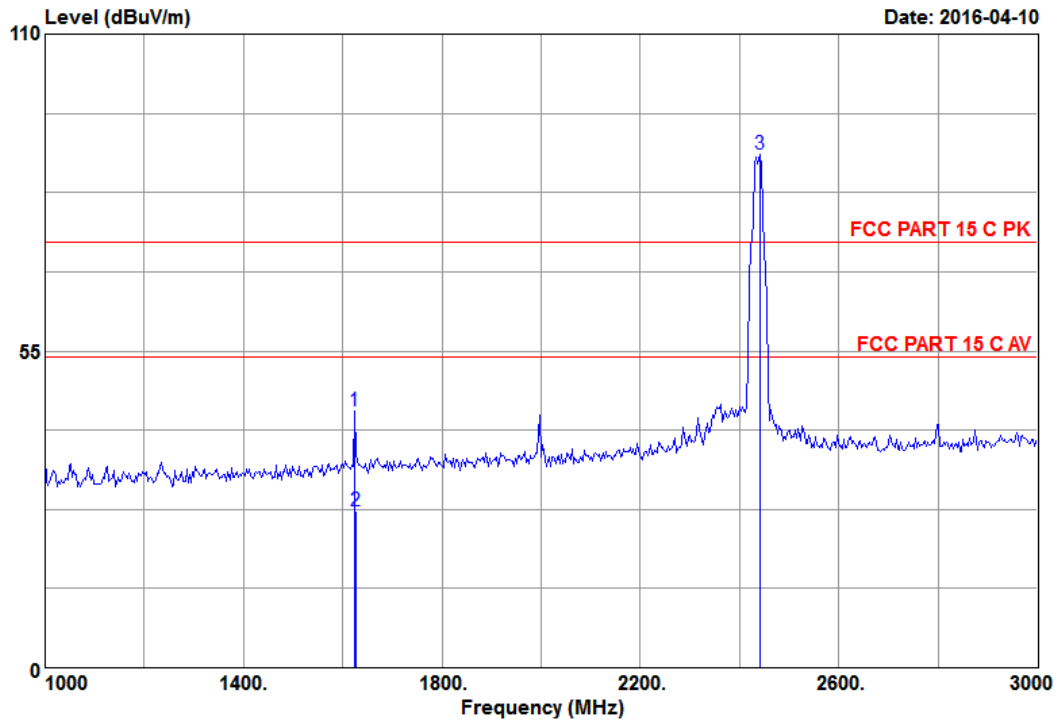


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Date: 2016-04-10



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	1624.00	25.67	4.04	49.72	34.95	44.48	74.00	29.52	Peak
2	1625.65	25.67	4.08	32.40	34.92	27.23	54.00	26.77	Average
3	2440.00	28.58	5.12	89.97	34.50	89.17	74.00	-15.17	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.

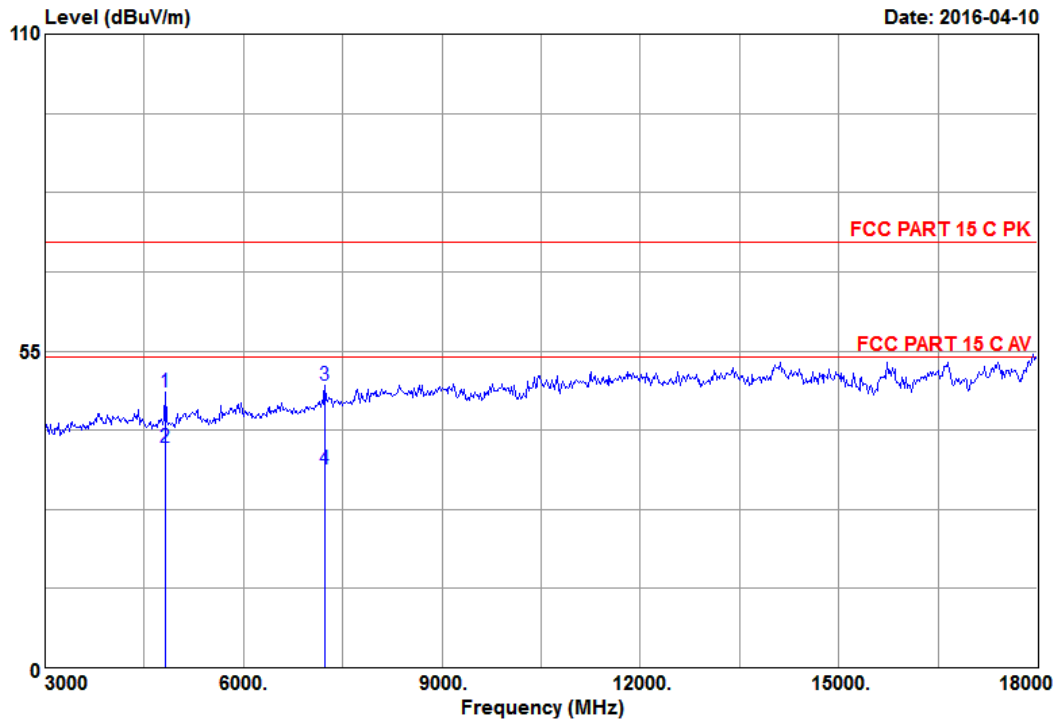


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Data: 46

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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 PK
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-nspire CX navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	4824.00	32.89	7.33	41.65	33.95	47.92	74.00	26.08	Peak
2	4826.17	32.89	7.33	31.90	33.95	38.17	54.00	15.83	Average
3	7237.00	36.18	9.02	37.97	34.04	49.13	74.00	24.87	Peak
4	7238.25	36.18	9.02	23.30	34.04	34.46	54.00	19.54	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.

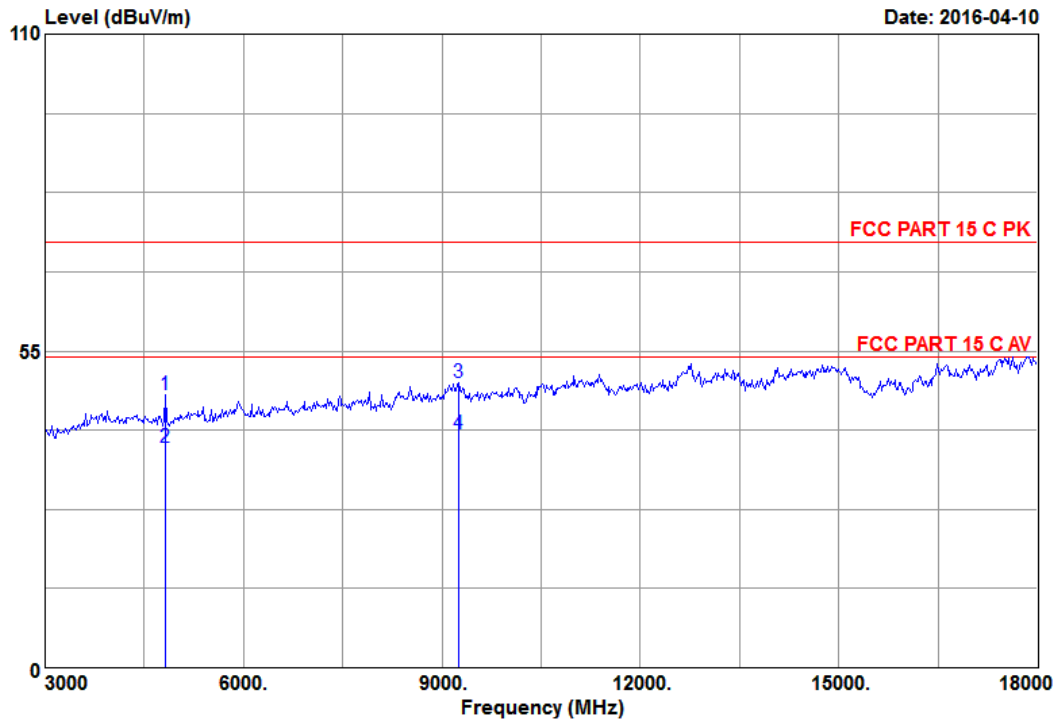


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Date: 2016-04-10



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	4824.00	32.89	7.33	41.14	33.95	47.41	74.00	26.59	Peak
2	4825.78	32.89	7.33	31.90	33.95	38.17	54.00	15.83	Average
3	9251.00	38.05	10.21	35.68	34.43	49.51	74.00	24.49	Peak
4	9252.65	38.05	10.21	26.80	34.43	40.63	54.00	13.37	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.

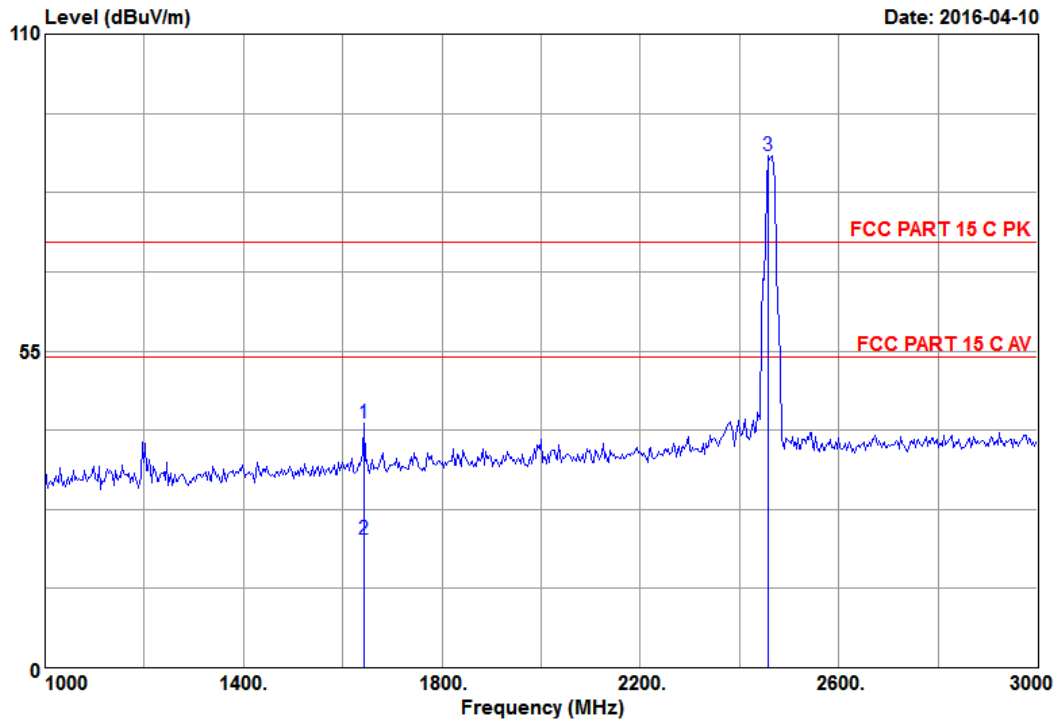


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Date: 2016-04-10



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	1642.00	25.75	4.08	47.51	34.92	42.42	74.00	31.58	Peak
2	1643.25	25.75	4.08	27.30	34.92	22.21	54.00	31.79	Average
3	2458.00	28.62	5.15	89.73	34.50	89.00	74.00	-15.00	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.

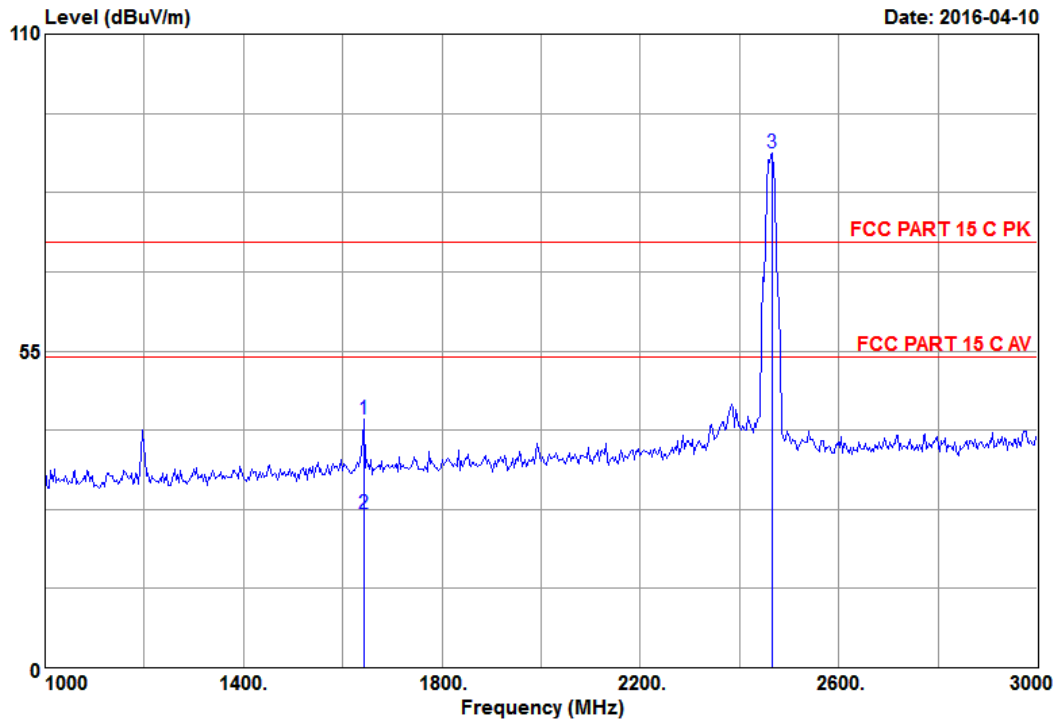


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Data: 51

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Date: 2016-04-10



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-inspire CX navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	1642.00	25.75	4.08	48.35	34.92	43.26	74.00	30.74	Peak
2	1643.36	25.75	4.08	31.90	34.92	26.81	54.00	27.19	Average
3	2467.00	28.62	5.18	90.06	34.49	89.37	74.00	-15.37	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.

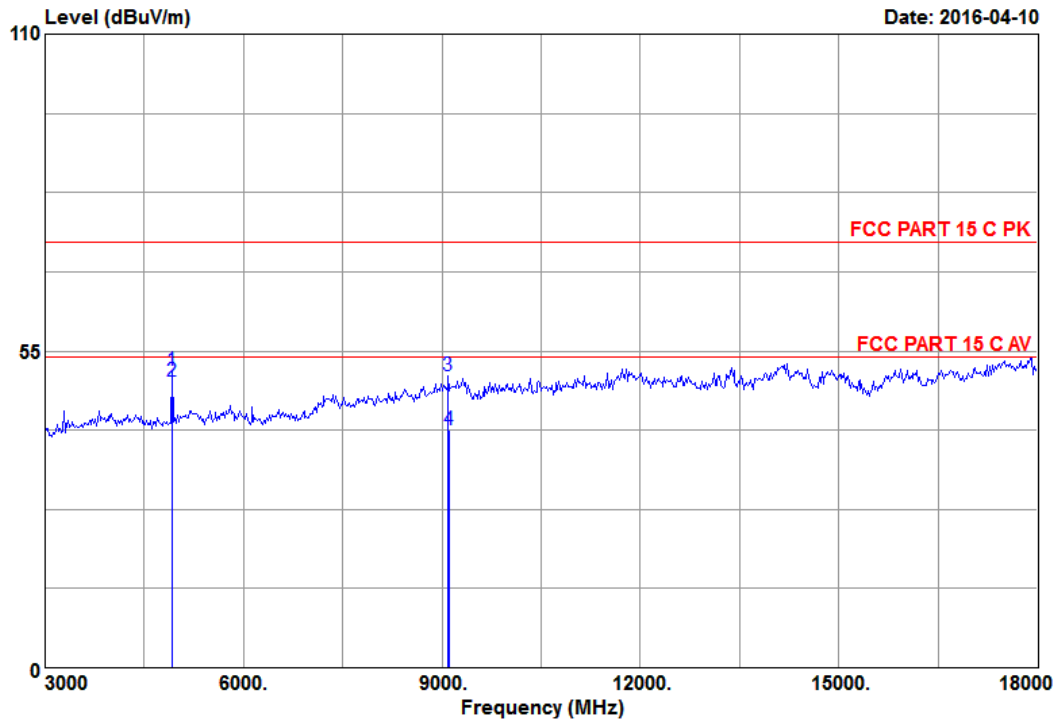


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Data: 50

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Date: 2016-04-10



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	45.05	33.93	51.58	74.00	22.42	Peak
2	4923.96	33.08	7.38	43.25	33.93	49.78	54.00	4.22	Average
3	9099.00	38.02	10.08	36.92	34.43	50.59	74.00	23.41	Peak
4	9102.25	38.02	10.08	27.50	34.43	41.17	54.00	12.83	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.

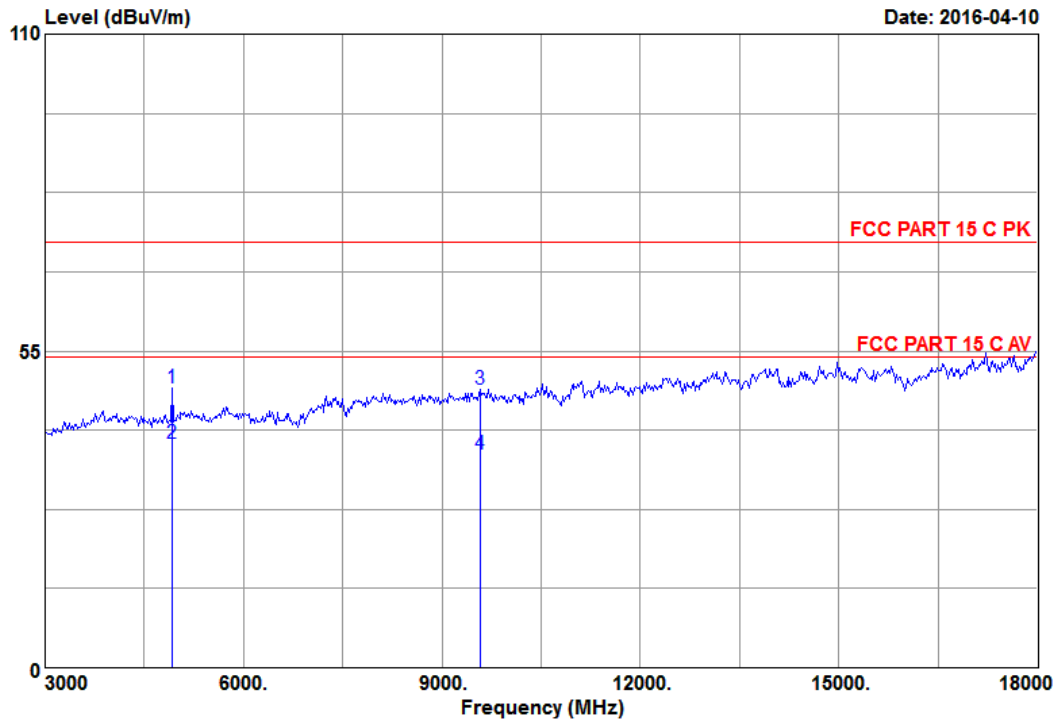


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Data: 52

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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 PK
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-nspire CX navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 Test Mode : TX 802.11b CH11 2462MHz
 Memo :

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

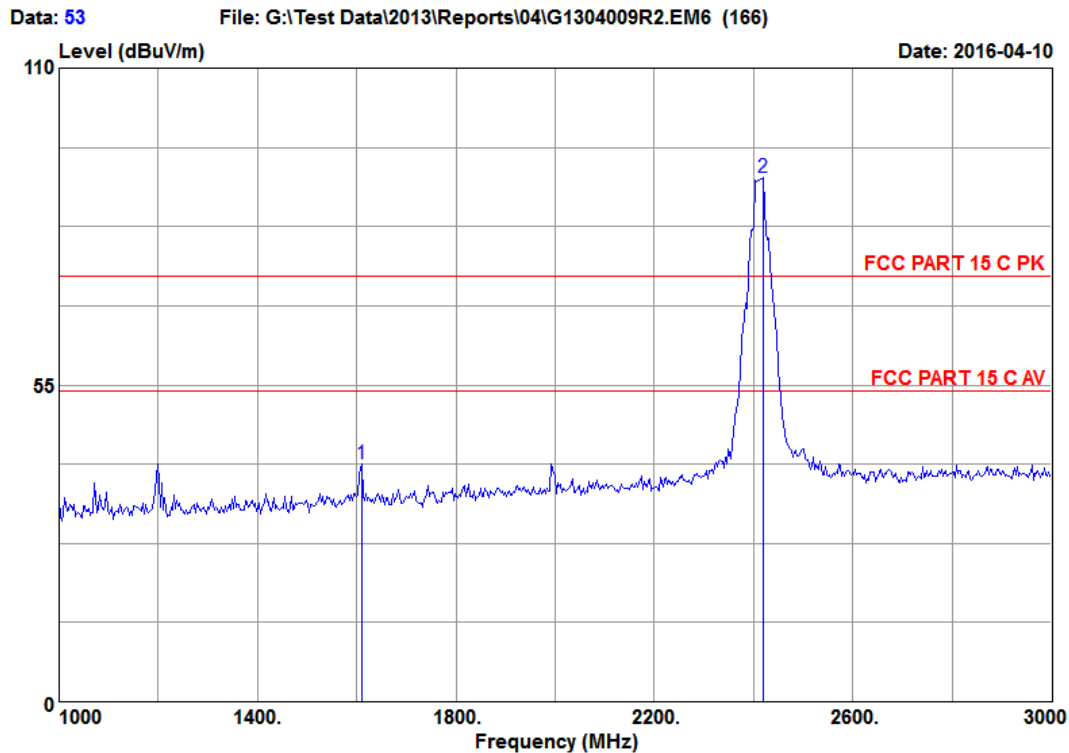
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4919.00	33.08	7.38	41.95	33.93	48.48	74.00	25.52	Peak
2	4920.25	33.08	7.38	32.50	33.93	39.03	54.00	14.97	Average
3	9574.00	38.20	10.48	34.18	34.45	48.41	74.00	25.59	Peak
4	9575.97	38.20	10.48	22.89	34.45	37.12	54.00	16.88	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.

4.7.2. Type of Network : IEEE 802.11g



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Site NO.	: 3m Semi-Anechoic Chamber	Data NO.	: 53
Dis. / Ant.	: 3m 3115-62960-150630	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15 C PK	Engineer	: Mickey
Env. / Ins.	: 21.8°C&48%/N9030A		
EUT	: TI-nspire CX navigator access point		
M/N	: TINAVAP3-2		
Power Rating	: DC 5V		
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	1609.00	25.58	4.04	46.59	34.95	41.26	74.00	32.74	Peak
2	2419.00	28.49	5.12	91.91	34.50	91.02	74.00	-17.02	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.

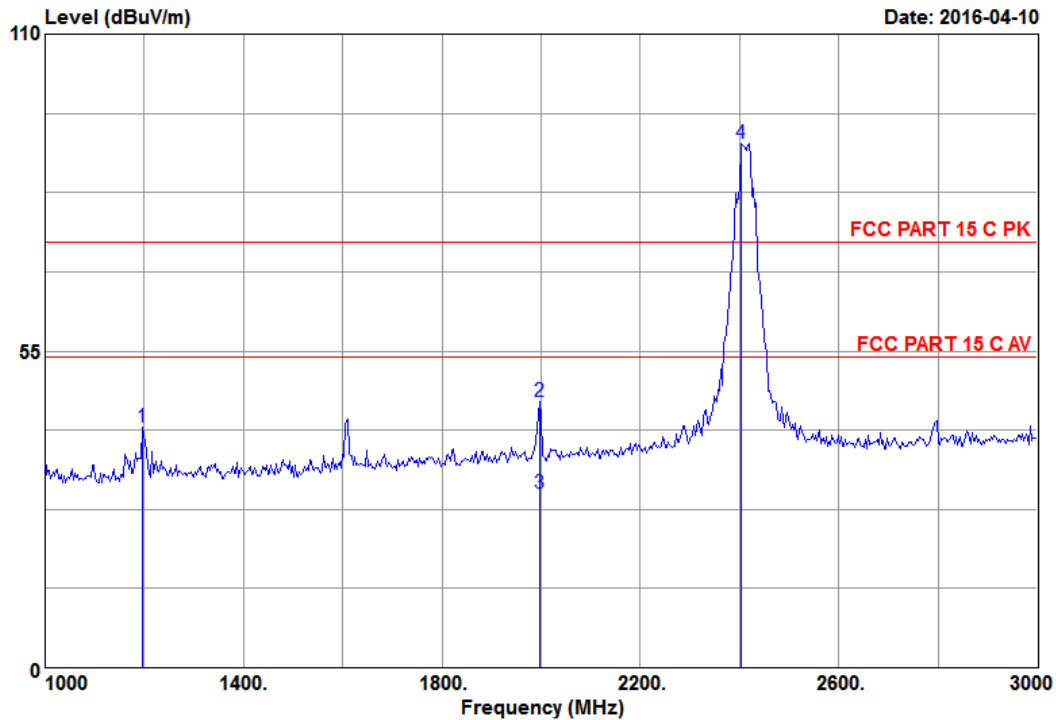


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Data: 55

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Date: 2016-04-10



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	1195.00	23.94	3.44	49.70	35.35	41.73	74.00	32.27	Peak
2	1996.00	27.50	4.61	48.76	34.57	46.30	74.00	27.70	Peak
3	1998.25	27.50	4.61	32.80	34.57	30.34	54.00	23.66	Average
4	2404.00	28.49	5.09	91.94	34.50	91.02	74.00	-17.02	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.

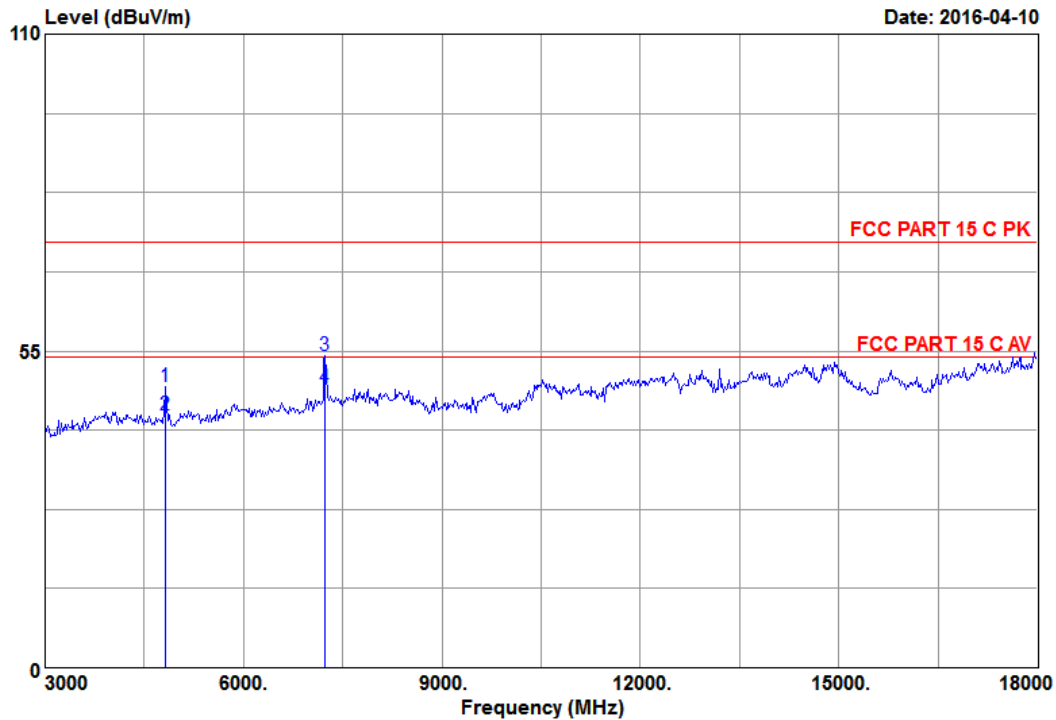


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Date: 2016-04-10



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-inspire CX navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 Test Mode : TX 802.11g CH1 2412MHz
 Memo :

Data NO. : 54
 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	4824.00	32.89	7.33	42.55	33.95	48.82	74.00	25.18	Peak
2	4825.68	32.89	7.33	37.60	33.95	43.87	54.00	10.13	Average
3	7237.00	36.18	9.02	43.08	34.04	54.24	74.00	19.76	Peak
4	7237.89	36.18	9.02	37.50	34.04	48.66	54.00	5.34	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.

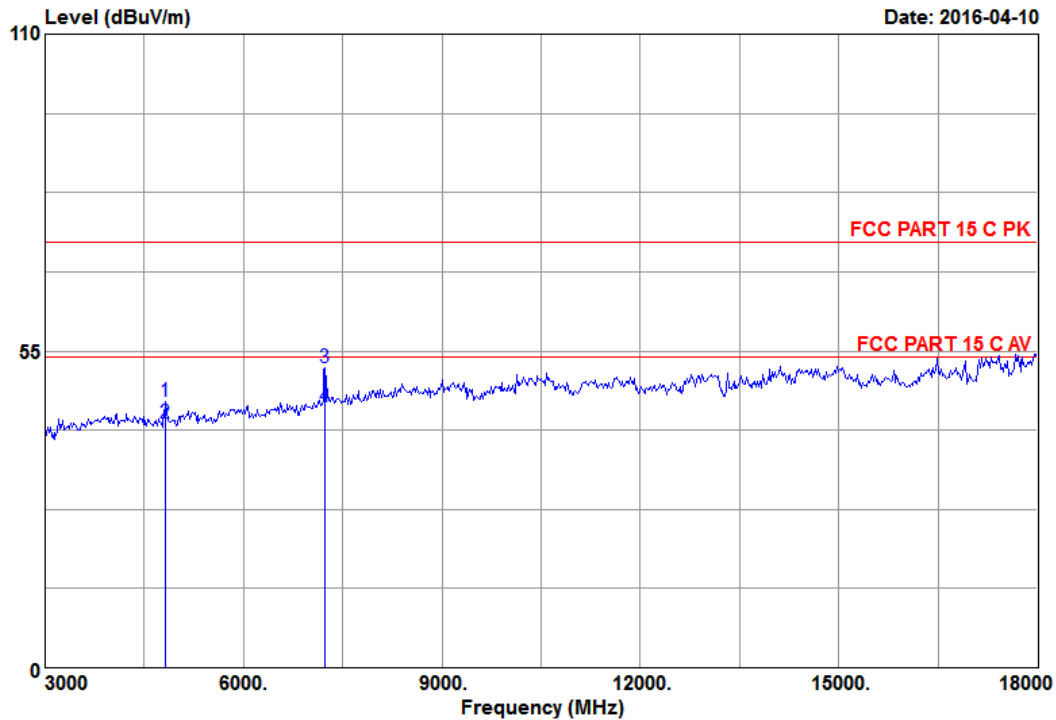


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Data: 56

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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 PK
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-nspire CX navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	4824.00	32.89	7.33	40.04	33.95	46.31	74.00	27.69	Peak
2	4825.90	32.89	7.33	36.20	33.95	42.47	54.00	11.53	Average
3	7237.00	36.18	9.02	40.81	34.04	51.97	74.00	22.03	Peak
4	7238.54	36.18	9.02	34.20	34.04	45.36	54.00	8.64	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.

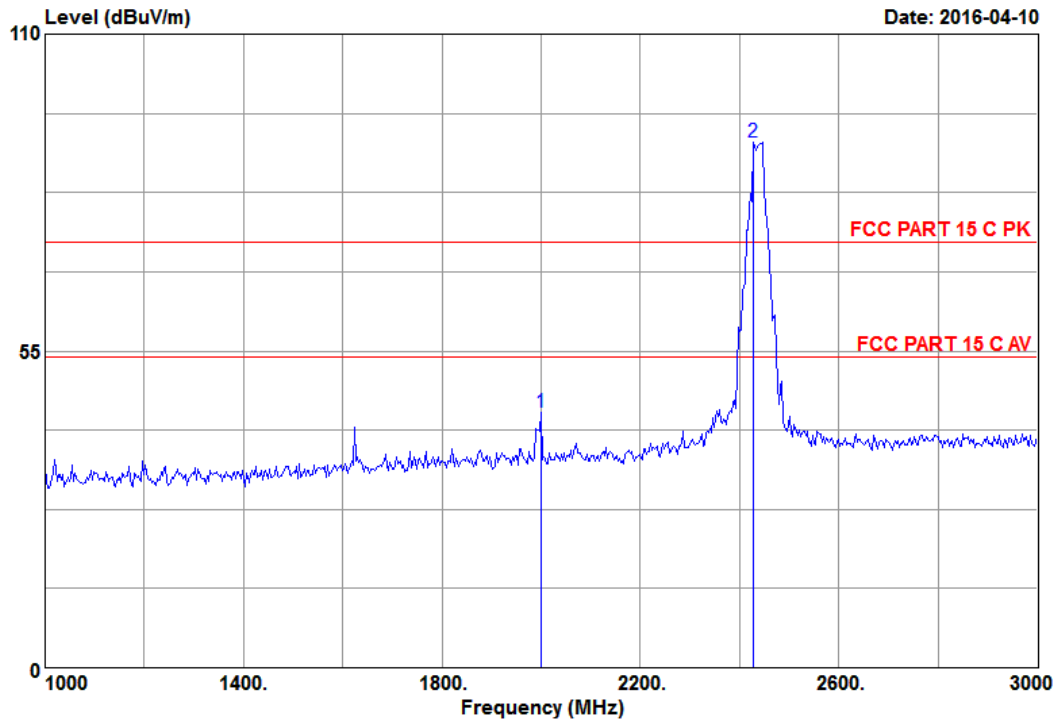


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Data: 57

File: G:\Test Data\2013\Reports\04\G1304009R2.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-inspire CX navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	1999.00	27.50	4.61	46.90	34.57	44.44	74.00	29.56	Peak
2	2428.00	28.53	5.12	92.11	34.50	91.26	74.00	-17.26	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.

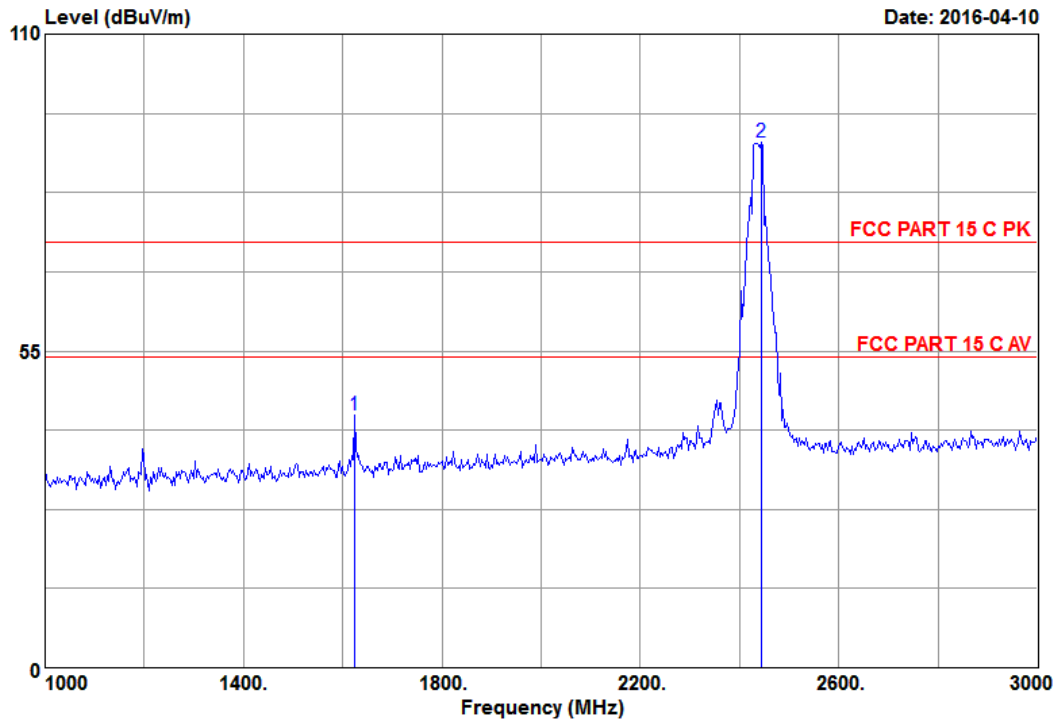


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Data: 59

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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 PK
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-nspire CX navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	1624.00	25.67	4.04	49.04	34.95	43.80	74.00	30.20	Peak
2	2443.00	28.58	5.15	91.94	34.50	91.17	74.00	-17.17	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.

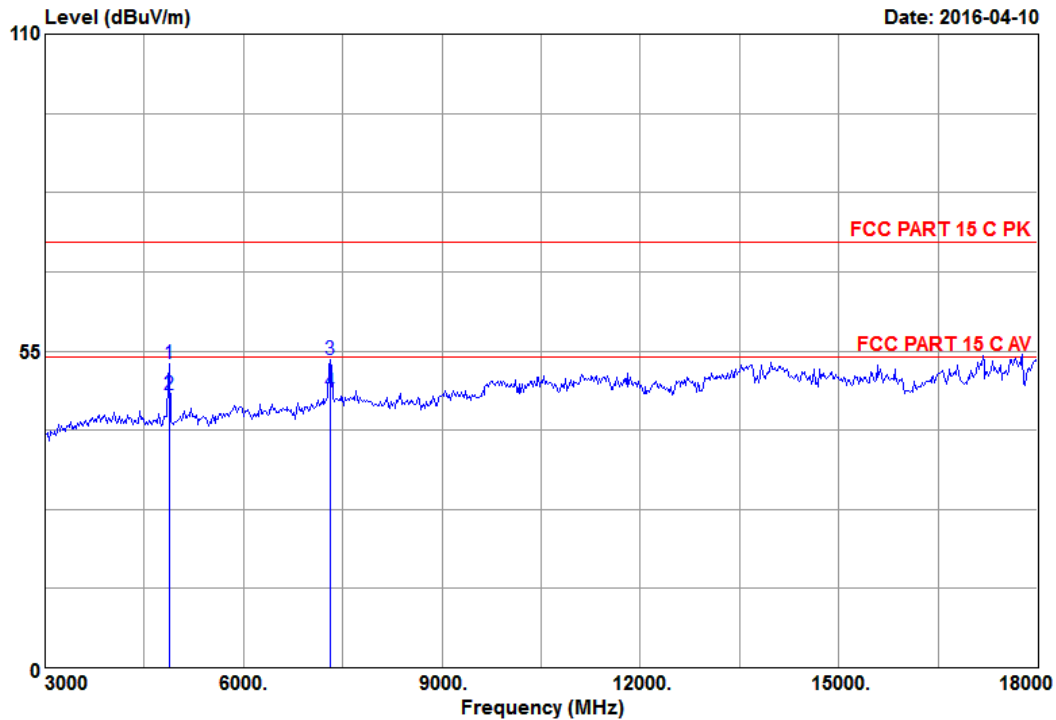


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Data: 58

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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 PK
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-nspire CX navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	4881.00	32.98	7.36	46.43	33.94	52.83	74.00	21.17	Peak
2	4882.25	32.98	7.36	40.90	33.94	47.30	54.00	6.70	Average
3	7313.00	36.34	9.08	42.16	34.05	53.53	74.00	20.47	Peak
4	7314.28	36.34	9.08	36.50	34.05	47.87	54.00	6.13	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.

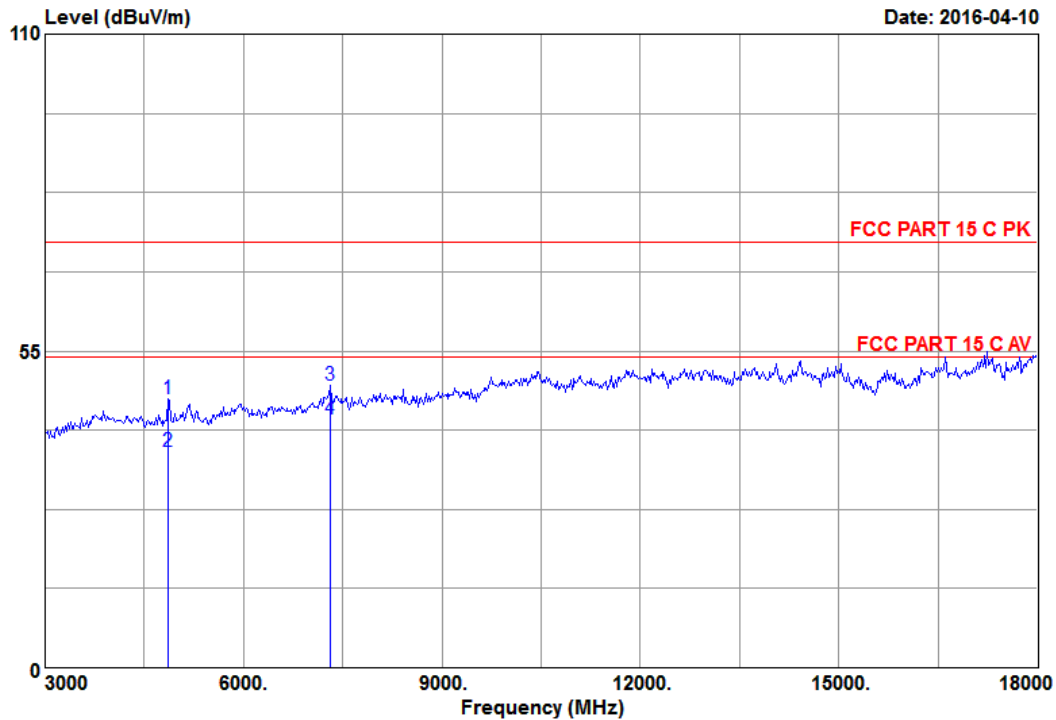


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Data: 60

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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 PK
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-nspire CX navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	4862.00	32.95	7.34	40.23	33.94	46.58	74.00	27.42	Peak
2	4863.25	32.95	7.36	31.20	33.94	37.57	54.00	16.43	Average
3	7313.00	36.34	9.08	37.60	34.05	48.97	74.00	25.03	Peak
4	7314.50	36.34	9.08	31.90	34.05	43.27	54.00	10.73	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.

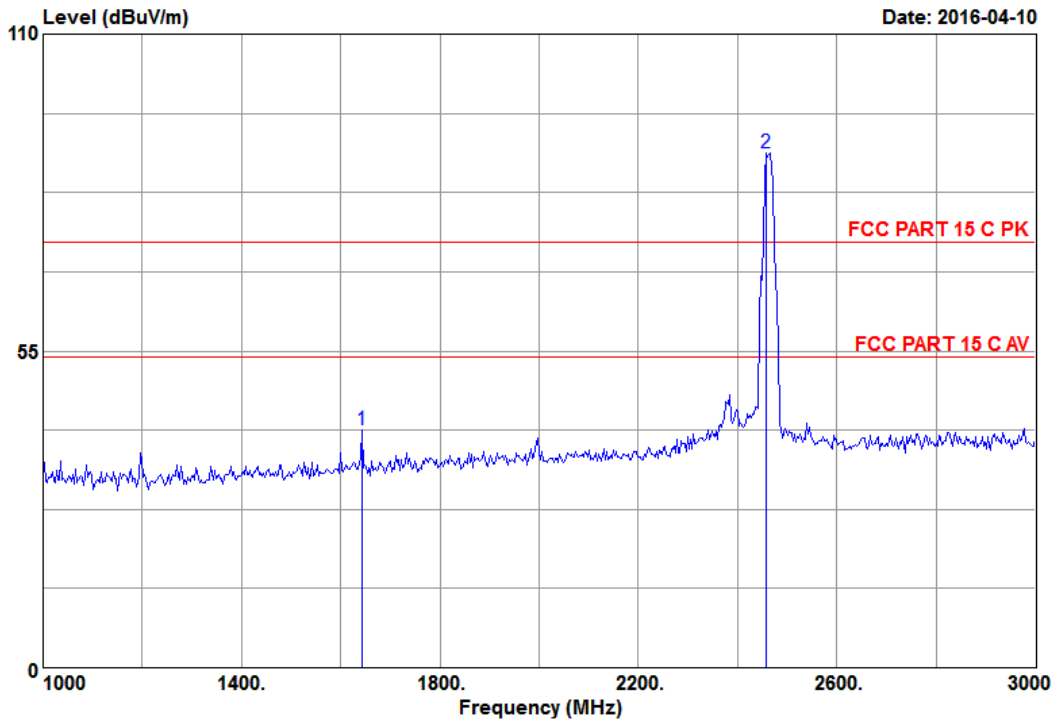


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Date: 2016-04-10



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-inspire CX navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	1642.00	25.75	4.08	46.42	34.92	41.33	74.00	32.67	Peak
2	2458.00	28.62	5.15	90.08	34.50	89.35	74.00	-15.35	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.

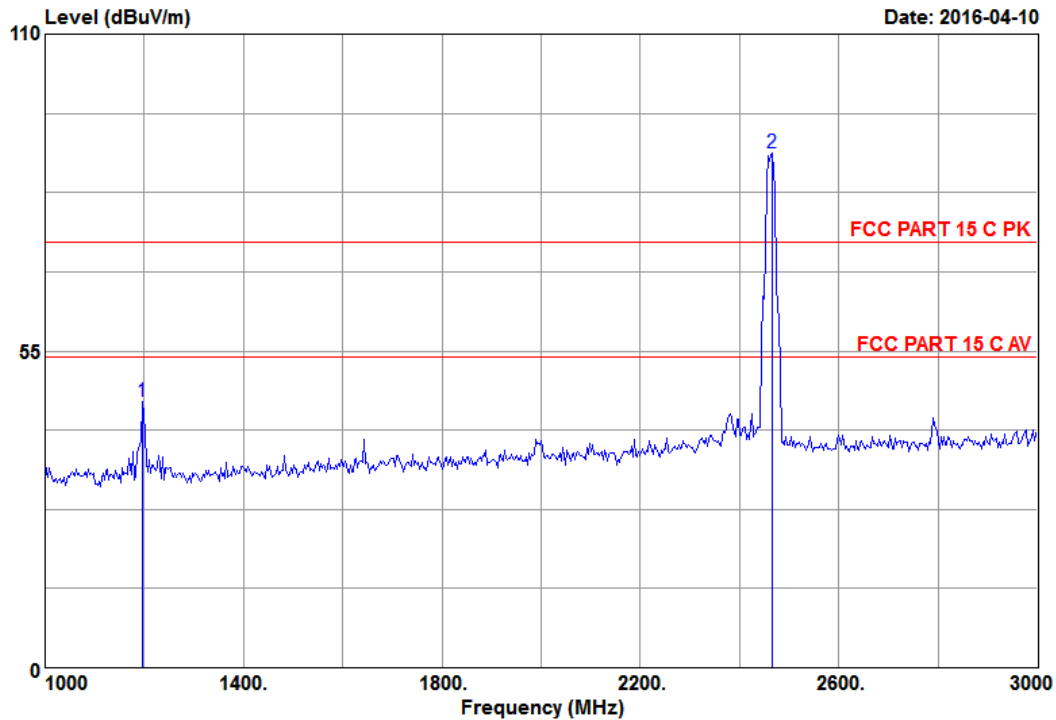


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Data: 63

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Date: 2016-04-10



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	1195.00	23.94	3.44	54.22	35.35	46.25	74.00	27.75	Peak
2	2467.00	28.62	5.18	90.07	34.49	89.38	74.00	-15.38	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.

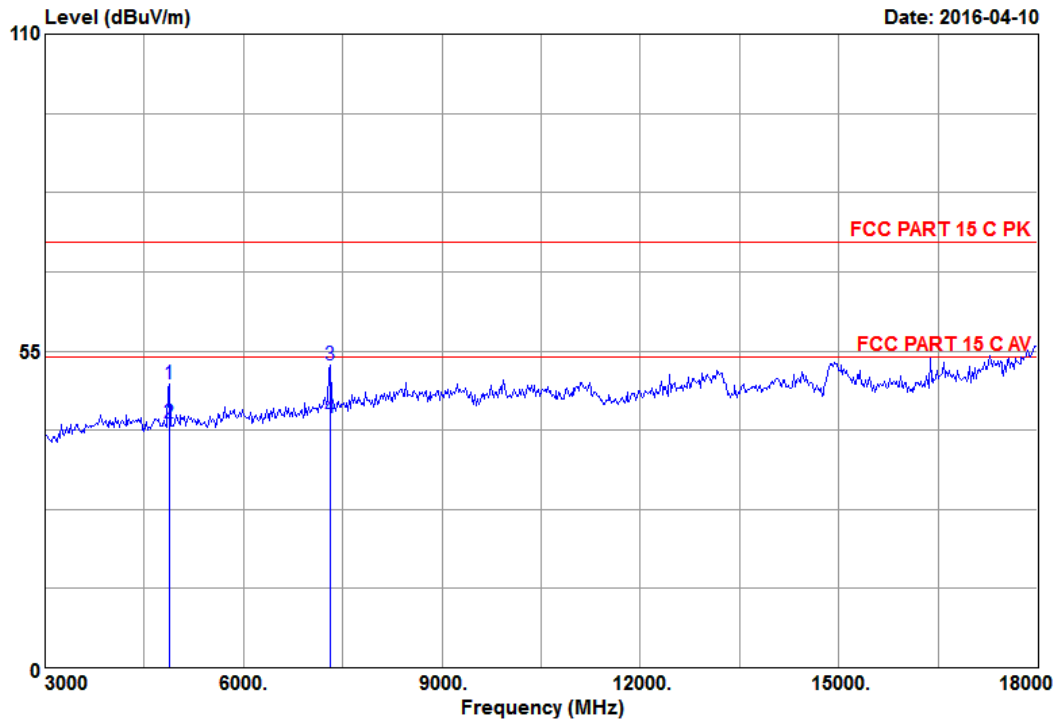


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Data: 62

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Date: 2016-04-10



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	4882.25	32.98	7.36	36.10	33.94	42.50	54.00	11.50	Average
3	7313.00	36.34	9.08	41.26	34.05	52.63	74.00	21.37	Peak
4	7314.25	36.34	9.08	32.10	34.05	43.47	54.00	10.53	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.

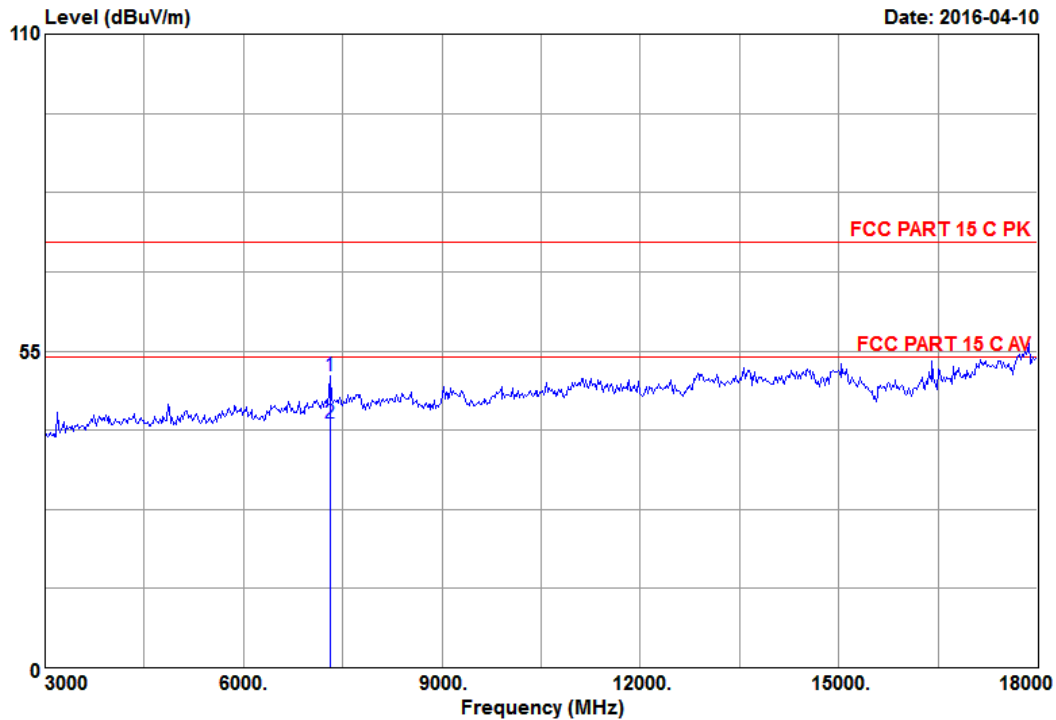


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Data: 64

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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 PK
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-nspire CX navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 Test Mode : TX 802.11g CH11 2462MHz
 Memo :

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

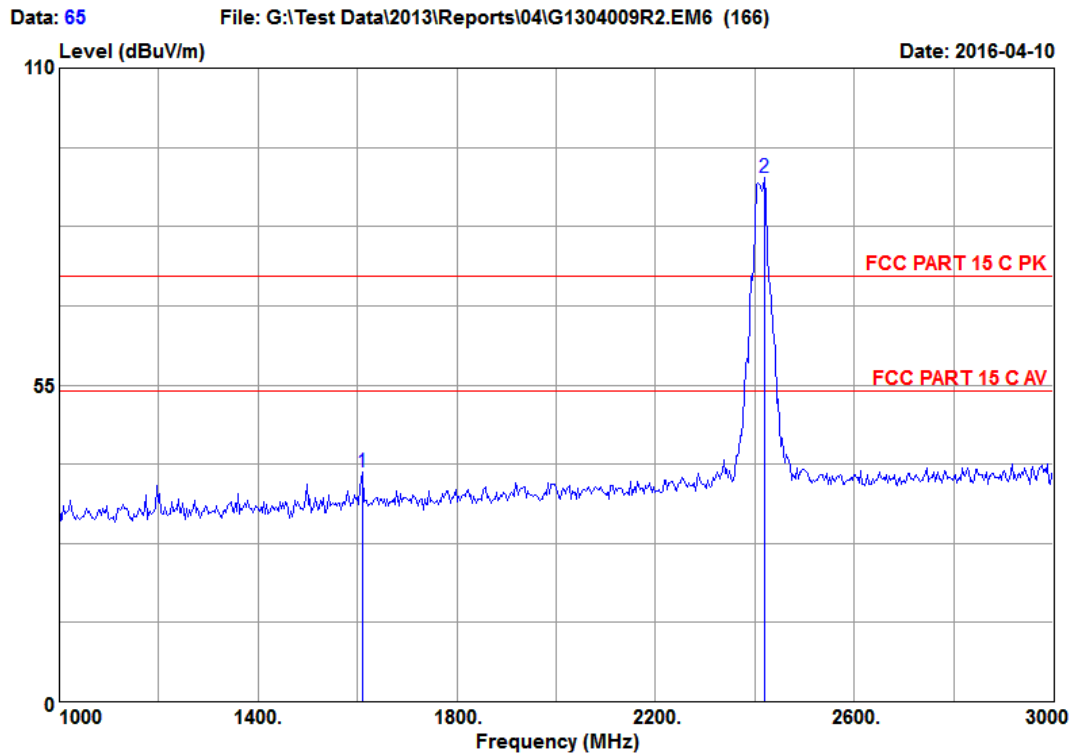
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	7313.00	36.34	9.08	39.41	34.05	50.78	74.00	23.22	Peak
2	7315.14	36.34	9.08	31.20	34.05	42.57	54.00	11.43	Average

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.

4.7.3. Type of Network : IEEE 802.11n HT20



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Site NO. : 3m Semi-Anechoic Chamber	Data NO. : 65
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-nspire CX navigator access point	
M/N : TINAVAP3-2	
Power Rating: DC 5V	
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	1609.00	25.58	4.04	45.12	34.95	39.79	74.00	34.21	Peak
2	2419.00	28.49	5.12	91.91	34.50	91.02	74.00	-17.02	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.

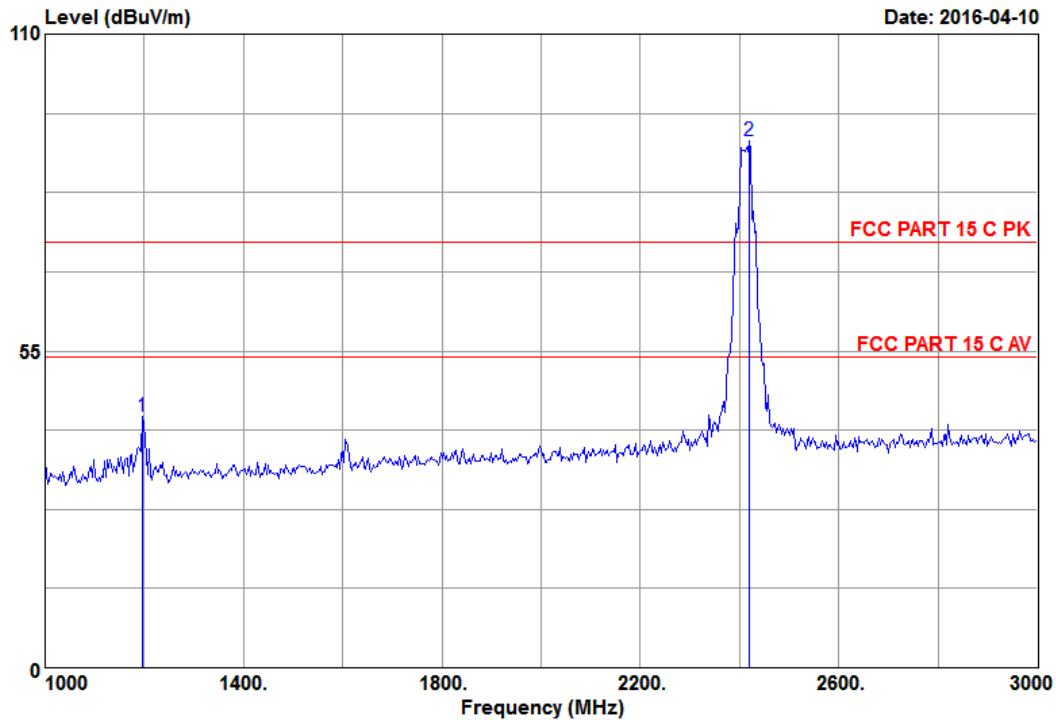


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Data: 67

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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 PK
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-nspire CX navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	1195.00	23.94	3.44	51.58	35.35	43.61	74.00	30.39	Peak
2	2419.00	28.49	5.12	92.46	34.50	91.57	74.00	-17.57	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.

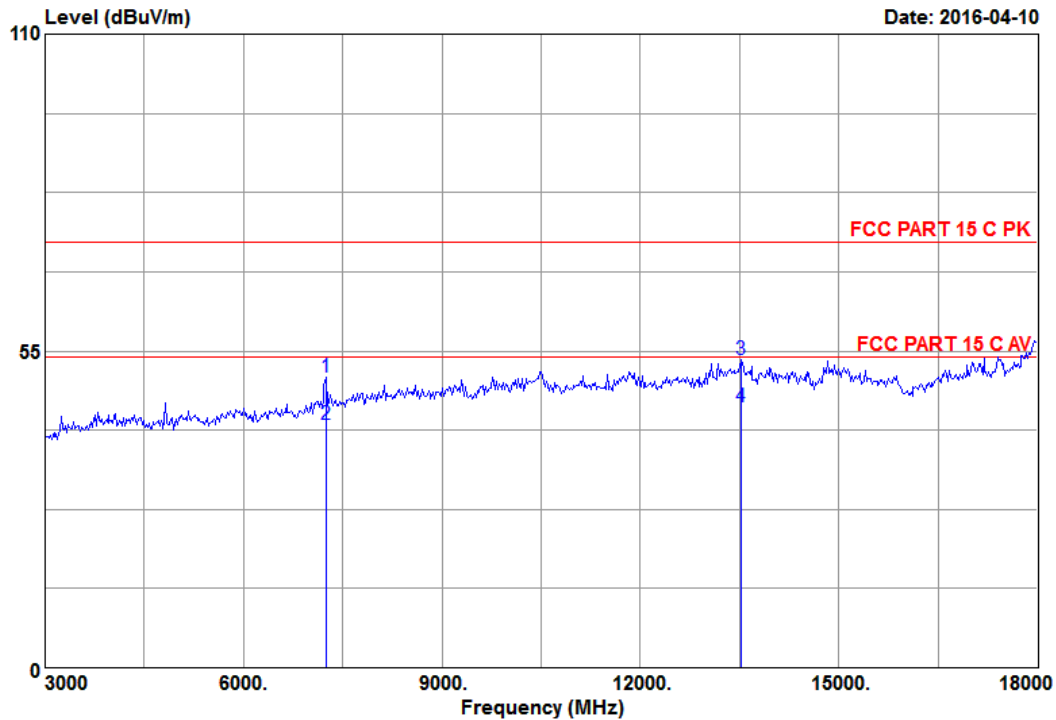


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Data: 66

File: G:\Test Data\2013\Reports\04\G1304009R2.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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	7256.00	36.22	9.02	39.15	34.04	50.35	74.00	23.65	Peak
2	7257.14	36.22	9.02	31.10	34.04	42.30	54.00	11.70	Average
3	13526.00	41.17	12.59	31.64	32.01	53.39	74.00	20.61	Peak
4	13527.25	41.17	12.59	23.50	32.01	45.25	54.00	8.75	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.

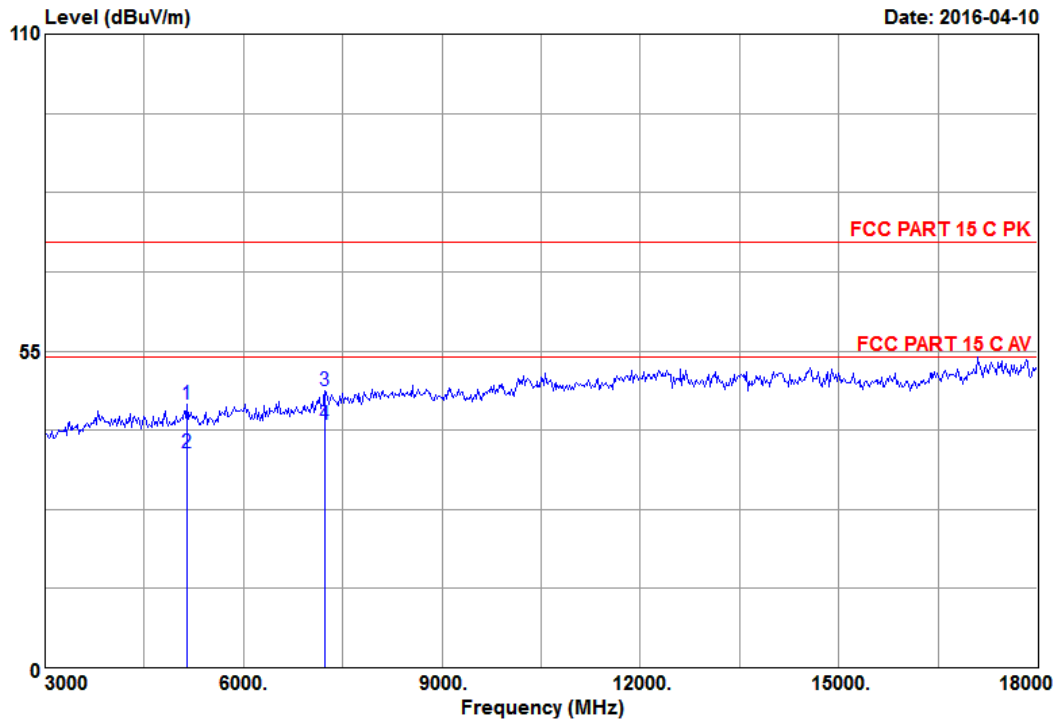


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Data: 68

File: G:\Test Data\2013\Reports\04\G1304009R2.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-inspire CX navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	5147.00	33.44	7.59	38.74	33.92	45.85	74.00	28.15	Peak
2	5148.25	33.44	7.59	30.21	33.92	37.32	54.00	16.68	Average
3	7237.00	36.18	9.02	37.03	34.04	48.19	74.00	25.81	Peak
4	7238.69	36.18	9.02	31.10	34.04	42.26	54.00	11.74	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.

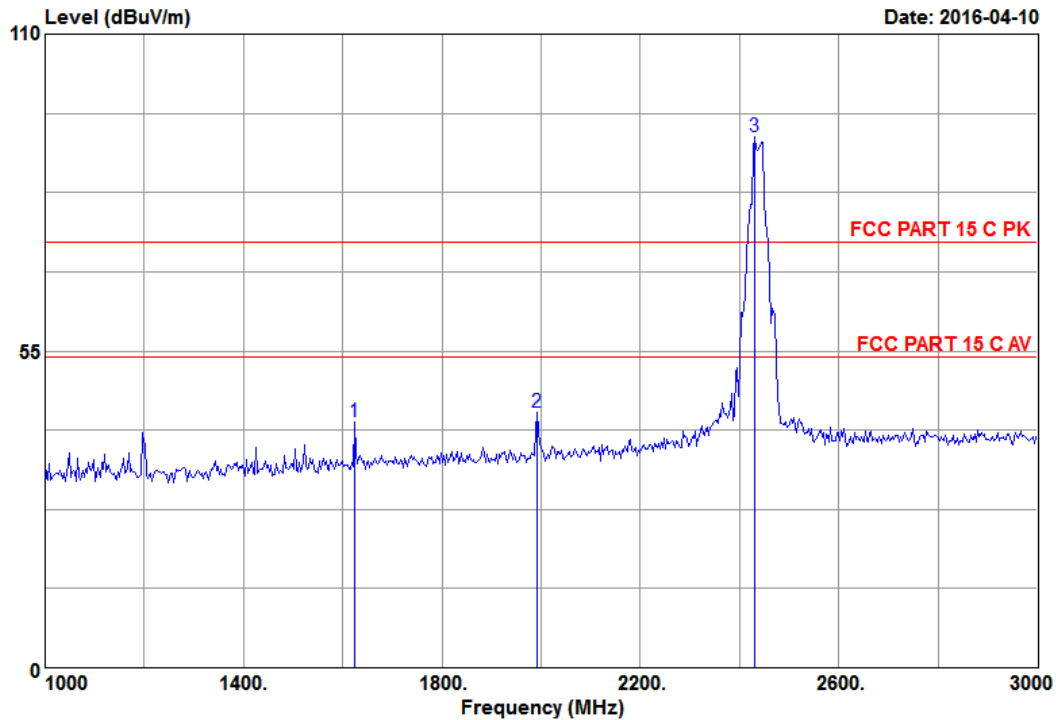


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Date: 2016-04-10



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*CS&48%/N9030A
 EUT : TI-nspire CX navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	1624.00	25.67	4.04	47.94	34.95	42.70	74.00	31.30	Peak
2	1993.00	27.42	4.61	46.84	34.57	44.30	74.00	29.70	Peak
3	2431.00	28.53	5.12	93.10	34.50	92.25	74.00	-18.25	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.

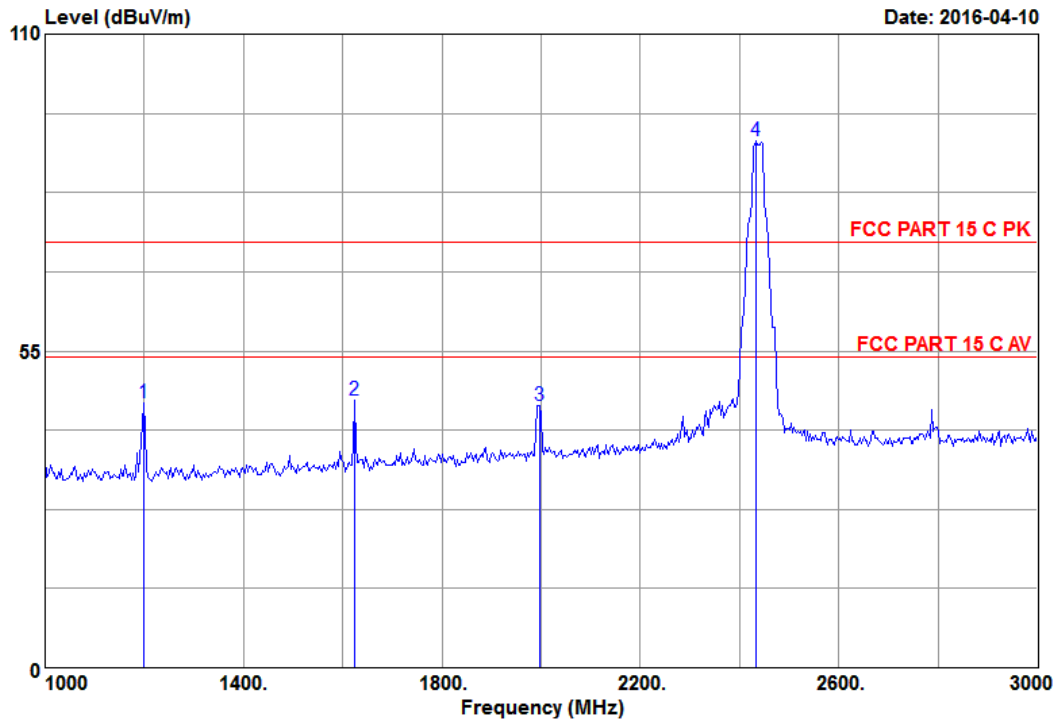


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Data: 71

File: G:\Test Data\2013\Reports\04\G1304009R2.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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	1198.00	24.00	3.44	53.95	35.35	46.04	74.00	27.96	Peak
2	1624.00	25.67	4.04	51.61	34.95	46.37	74.00	27.63	Peak
3	1996.00	27.50	4.61	48.05	34.57	45.59	74.00	28.41	Peak
4	2434.00	28.53	5.12	92.31	34.50	91.46	74.00	-17.46	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.

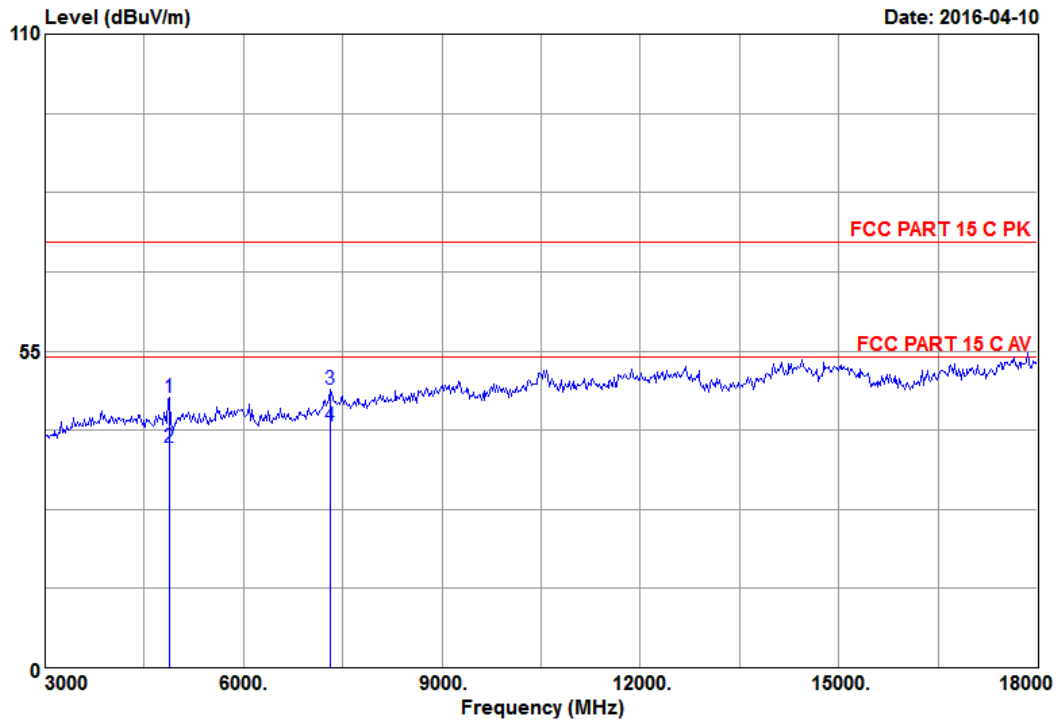


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Data: 70

File: G:\Test Data\2013\Reports\04\G1304009R2.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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	4881.00	32.98	7.36	40.55	33.94	46.95	74.00	27.05	Peak
2	4882.16	32.98	7.36	31.80	33.94	38.20	54.00	15.80	Average
3	7313.00	36.34	9.08	36.96	34.05	48.33	74.00	25.67	Peak
4	7315.25	36.34	9.08	30.60	34.05	41.97	54.00	12.03	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.

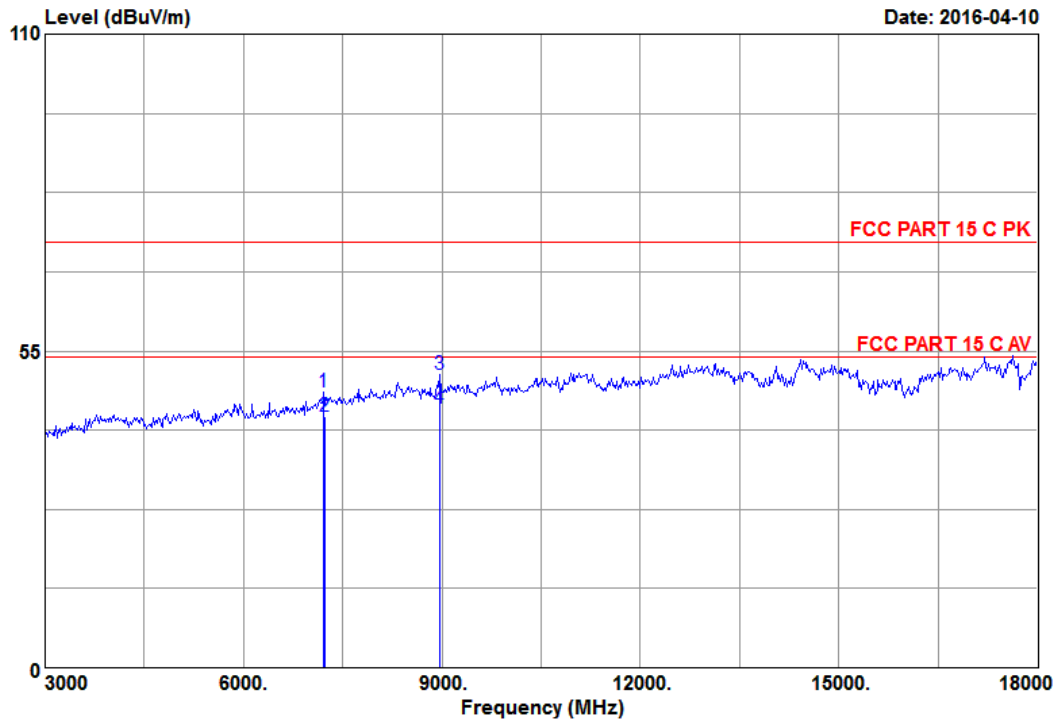


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Data: 72

File: G:\Test Data\2013\Reports\04\G1304009R2.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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	7218.00	36.14	9.00	36.70	34.04	47.80	74.00	26.20	Peak
2	7219.25	36.14	9.00	32.60	34.04	43.70	54.00	10.30	Average
3	8966.00	37.97	9.97	37.44	34.40	50.98	74.00	23.02	Peak
4	8967.58	37.97	9.97	31.40	34.40	44.94	54.00	9.06	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.

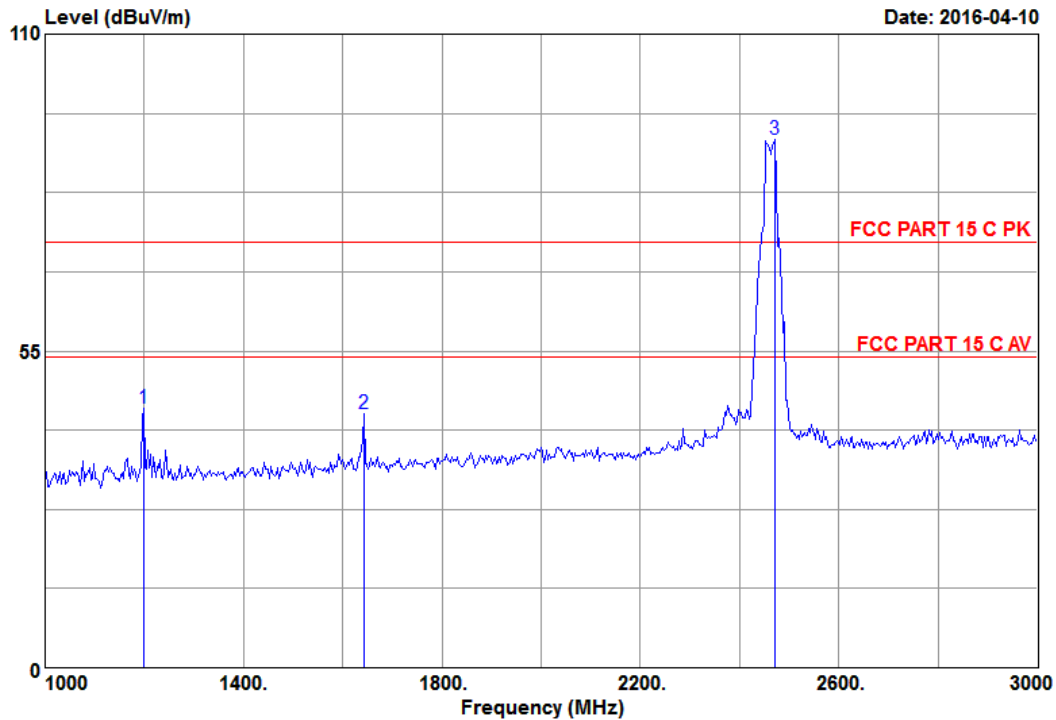


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Data: 73

File: G:\Test Data\2013\Reports\04\G1304009R2.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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	1198.00	24.00	3.44	52.83	35.35	44.92	74.00	29.08	Peak
2	1642.00	25.75	4.08	49.27	34.92	44.18	74.00	29.82	Peak
3	2470.00	28.62	5.18	92.45	34.49	91.76	74.00	-17.76	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.

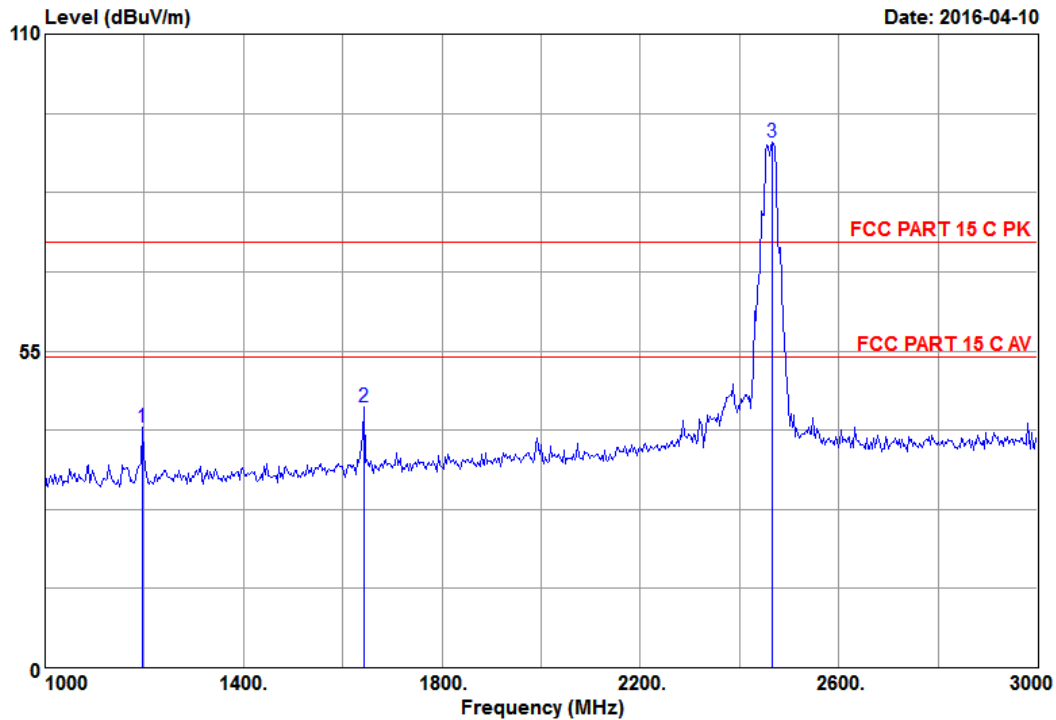


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Data: 75

File: G:\Test Data\2013\Reports\04\G1304009R2.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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	1195.00	23.94	3.44	49.65	35.35	41.68	74.00	32.32	Peak
2	1642.00	25.75	4.08	50.27	34.92	45.18	74.00	28.82	Peak
3	2467.00	28.62	5.18	91.89	34.49	91.20	74.00	-17.20	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.

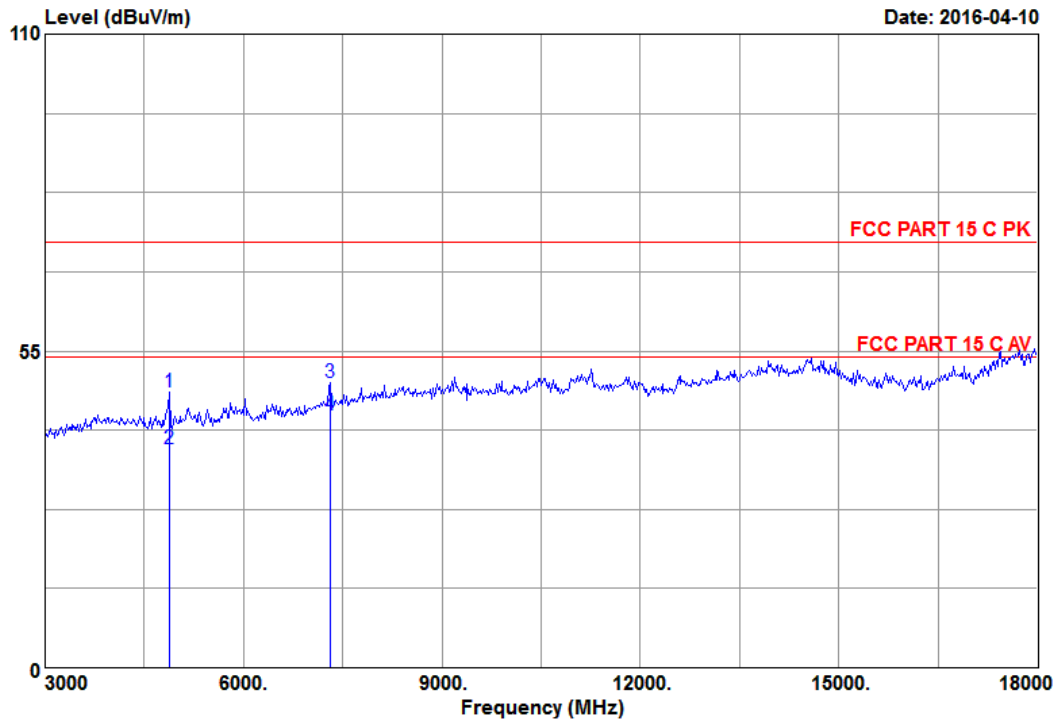


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Data: 74

File: G:\Test Data\2013\Reports\04\G1304009R2.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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	4881.00	32.98	7.36	41.37	33.94	47.77	74.00	26.23	Peak
2	4882.25	32.98	7.36	31.50	33.94	37.90	54.00	16.10	Average
3	7313.00	36.34	9.08	38.18	34.05	49.55	74.00	24.45	Peak
4	7314.25	36.34	9.08	32.60	34.05	43.97	54.00	10.03	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.

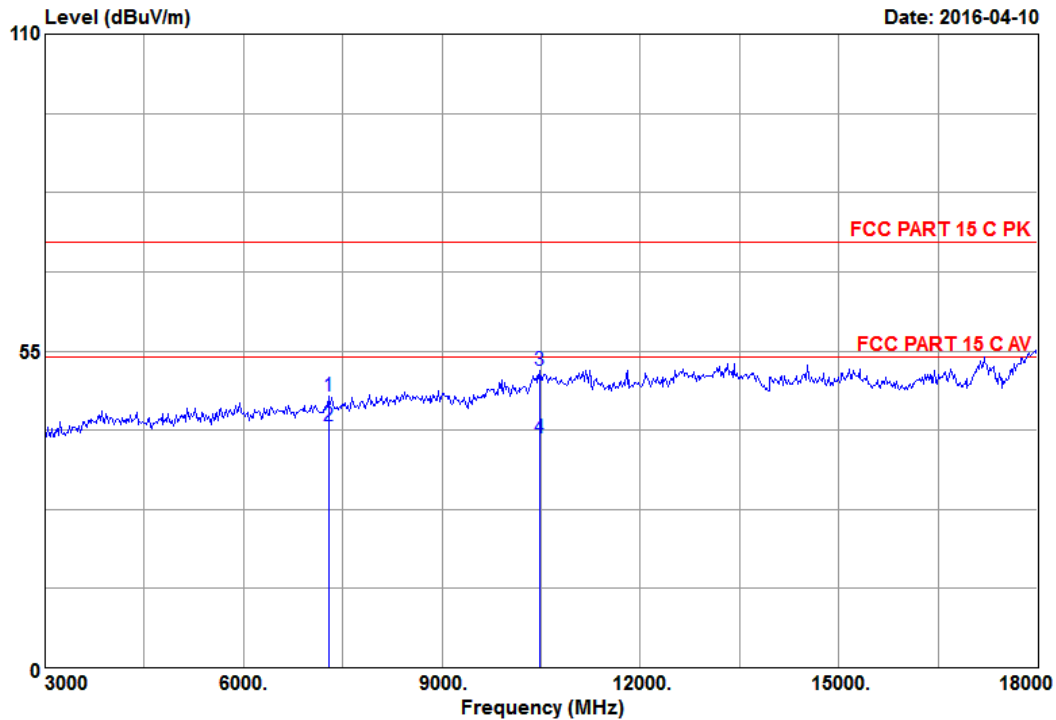


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Data: 76

File: G:\Test Data\2013\Reports\04\G1304009R2.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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	7294.00	36.30	9.06	35.90	34.05	47.21	74.00	26.79	Peak
2	7295.15	36.30	9.06	30.60	34.05	41.91	54.00	12.09	Average
3	10486.00	39.57	11.09	35.11	34.07	51.70	74.00	22.30	Peak
4	10487.25	39.57	11.09	23.21	34.07	39.80	54.00	14.20	Average

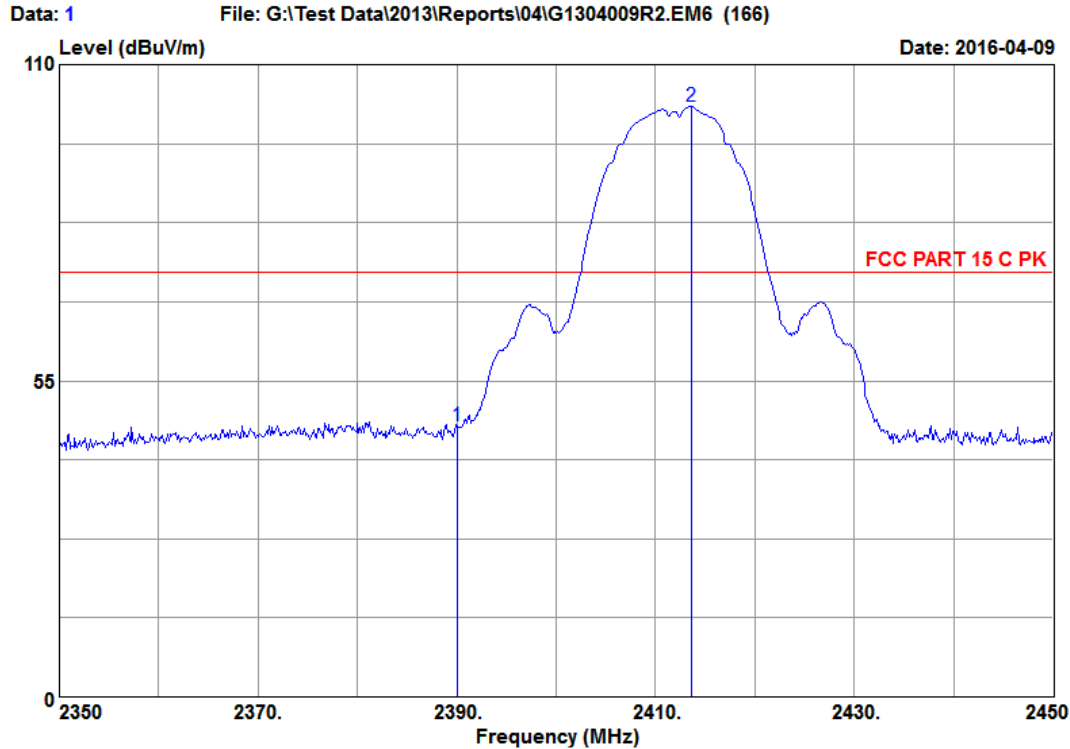
Remarks: 1. Emission Level= Ant.Factor + Cable Loss + Reading - Preamp.Factor.
 2. The emission levels that are 20dB below the official limit are not reported.

4.8. Spurious Emission Measurement Results in Band Edge Emission

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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 Test Mode : TX 802.11b CH1 2412MHz
 Memo :
 Data NO. : 1
 Ant. pol. : HORIZONTAL
 Engineer : Mickey

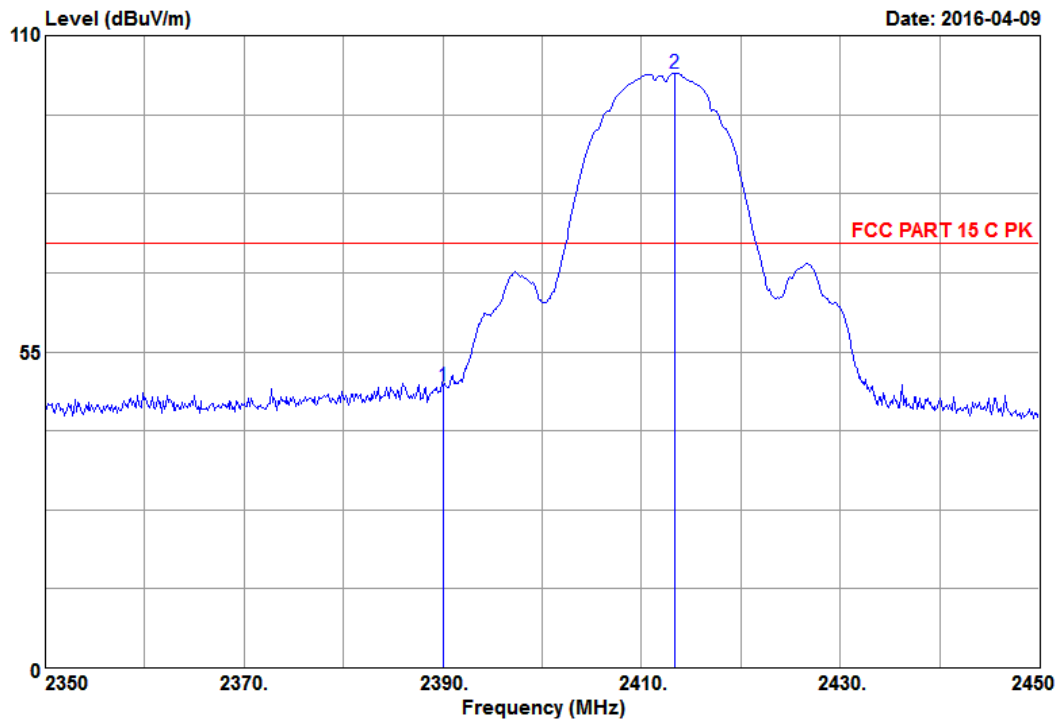
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.45	5.09	48.22	34.50	47.26	74.00	26.74	Peak
2	2413.57	28.49	5.09	103.58	34.50	102.66	74.00	-28.66	Peak

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\G1304009R2.EM6 (166)



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 Test Mode : TX 802.11b CH1 2412MHz
 Memo :

Data NO. : 2
 Ant. pol. : VERTICAL
 Engineer : Mickey

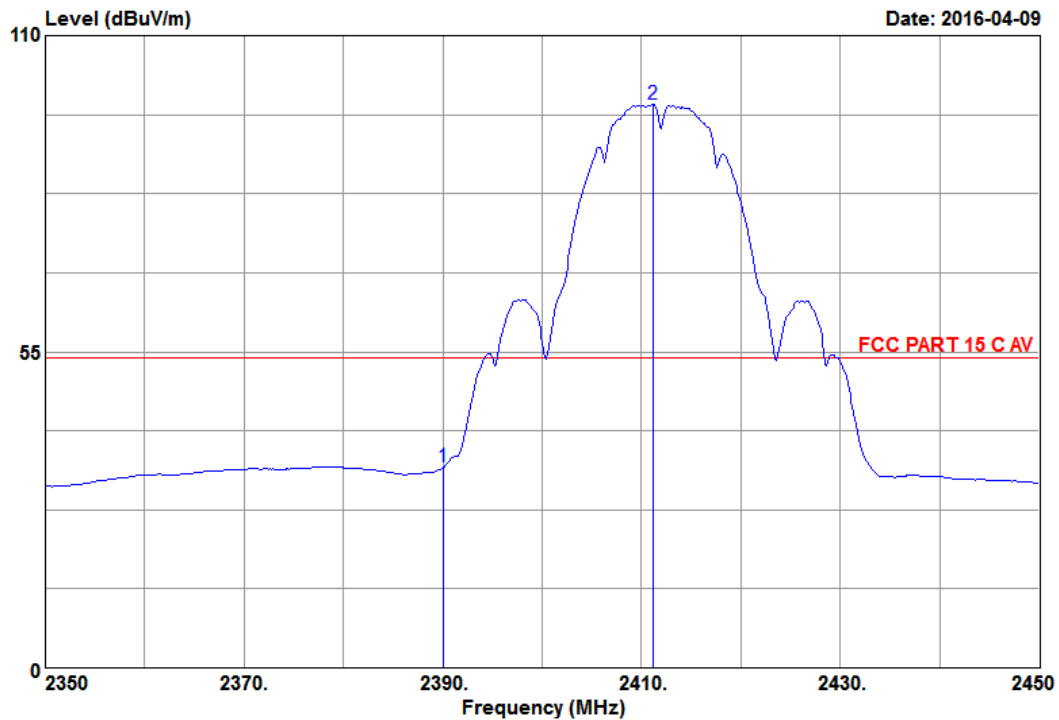
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.45	5.09	50.00	34.50	49.04	74.00	24.96	Peak
2	2413.31	28.49	5.09	104.41	34.50	103.49	74.00	-29.49	Peak

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\G1304009R2.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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 Test Mode : TX 802.11b CH1 2412MHz
 Memo :

Data NO. : 3
 Ant. pol. : HORIZONTAL
 Engineer : Mickey

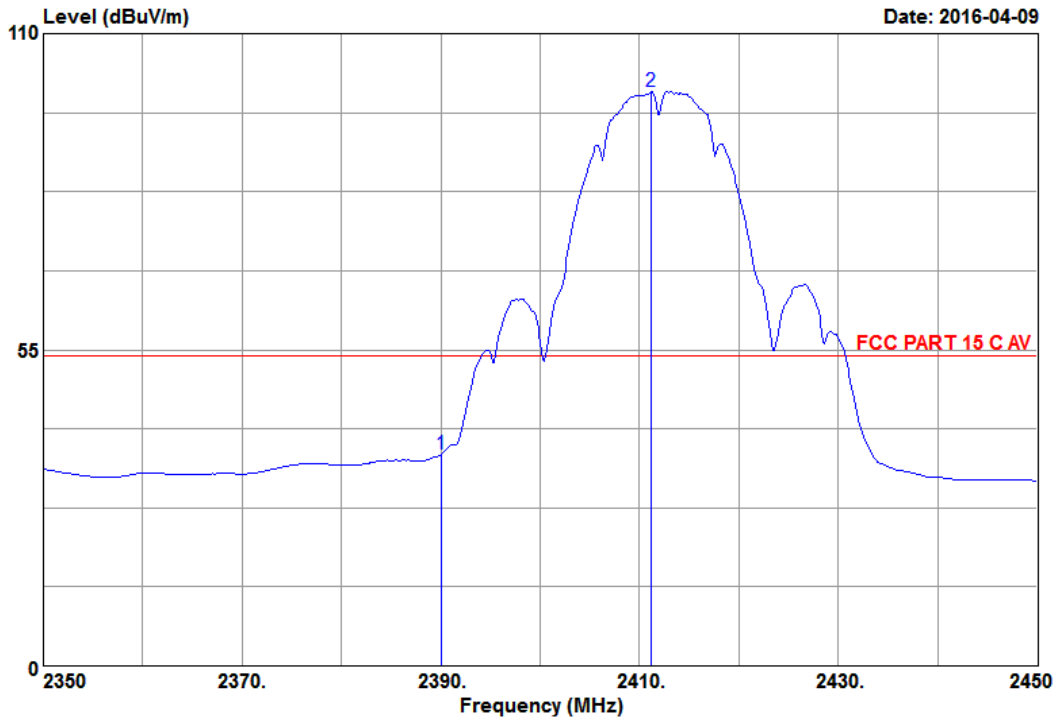
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.45	5.09	35.81	34.50	34.85	54.00	19.15	Average
2	2411.23	28.49	5.09	99.03	34.50	98.11	54.00	-44.11	Average

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\G1304009R2.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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 Test Mode : TX 802.11b CH1 2412MHz
 Memo :

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

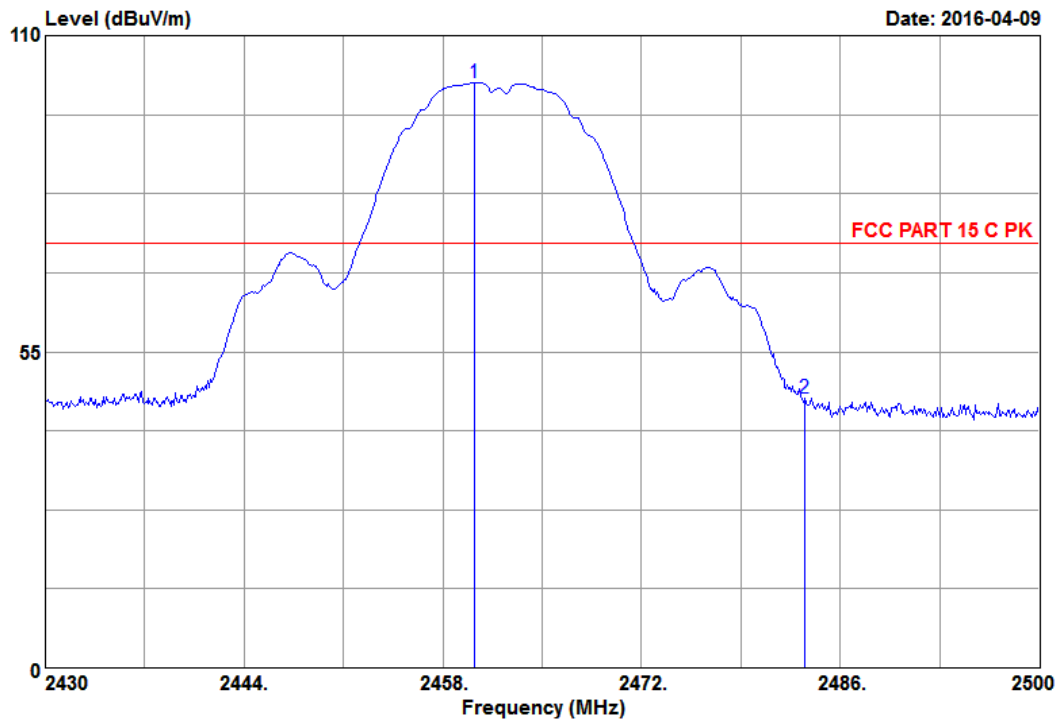
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.45	5.09	37.70	34.50	36.74	54.00	17.26	Average
2	2411.23	28.49	5.09	100.89	34.50	99.97	54.00	-45.97	Average

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\G1304009R2.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	Engineer : Mickey
Env. / Ins. : 21.8*CS&48%/N9030A	
EUT : TI-nspire CX navigator access point	
M/N : TINAVAP3-2	
Power Rating: DC 5V	
Test Mode : TX 802.11b CH11 2462MHz	
Memo :	

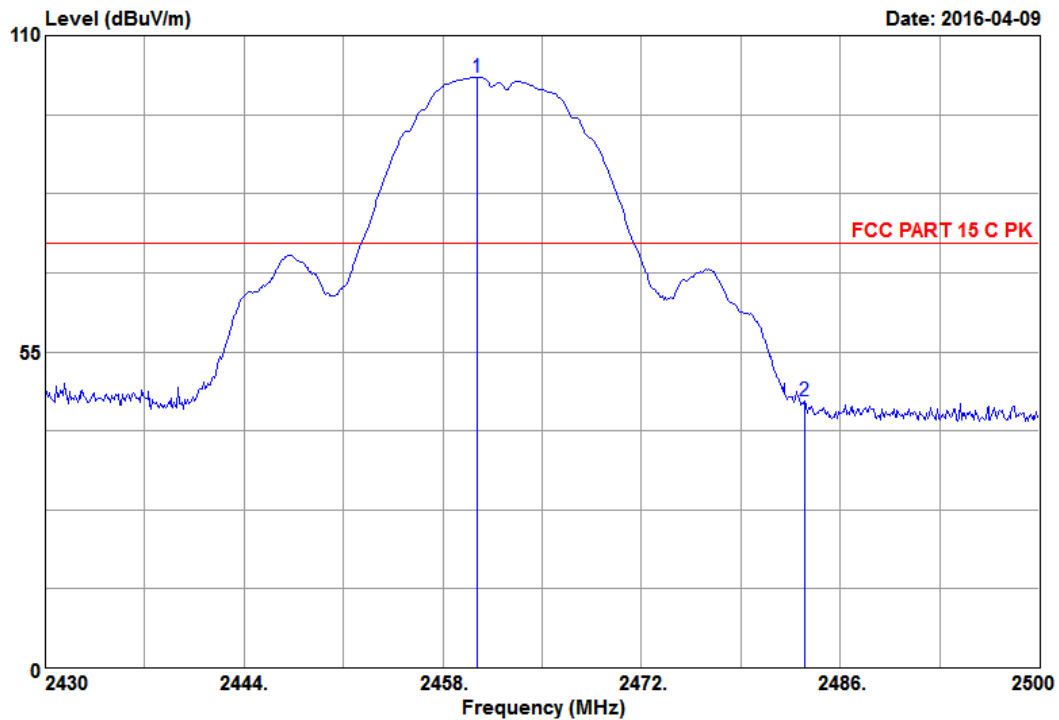
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2460.24	28.62	5.15	102.63	34.50	101.90	74.00	-27.90	Peak
2	2483.50	28.66	5.18	47.67	34.49	47.02	74.00	26.98	Peak

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\G1304009R2.EM6 (166)



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 Test Mode : TX 802.11b CH11 2462MHz
 Memo :

Data NO. : 6
 Ant. pol. : VERTICAL
 Engineer : Mickey

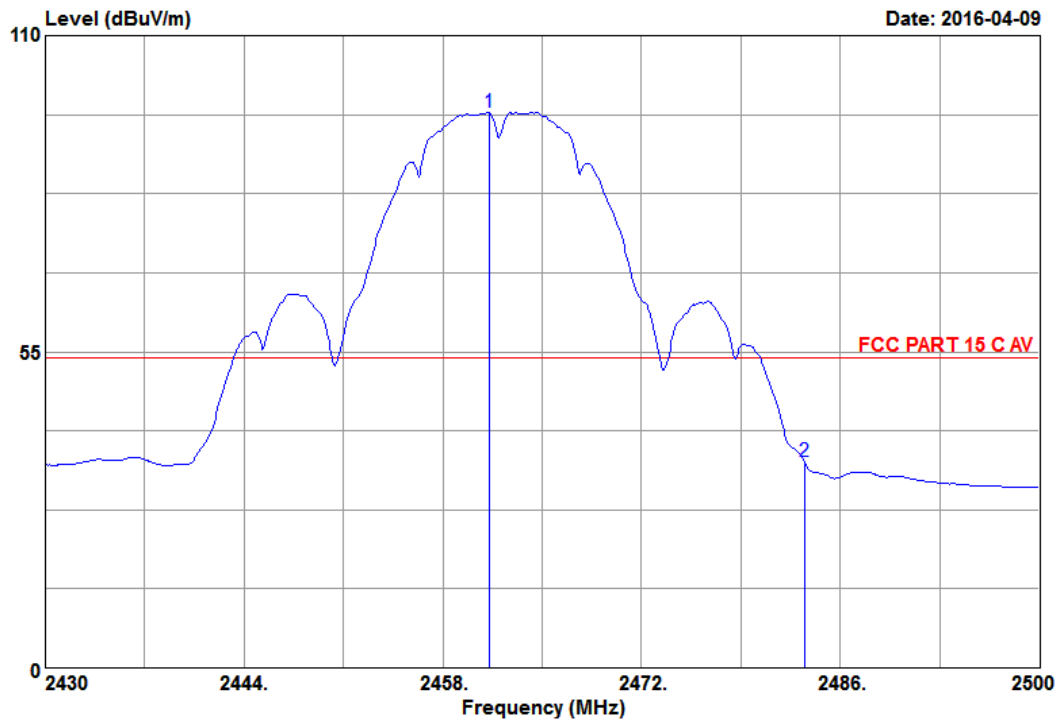
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2460.42	28.62	5.15	103.58	34.50	102.85	74.00	-28.85	Peak
2	2483.50	28.66	5.18	47.09	34.49	46.44	74.00	27.56	Peak

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\G1304009R2.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-nspire CX navigator access point	
M/N : TINAVAP3-2	
Power Rating: DC 5V	
Test Mode : TX 802.11b CH11 2462MHz	
Memo :	

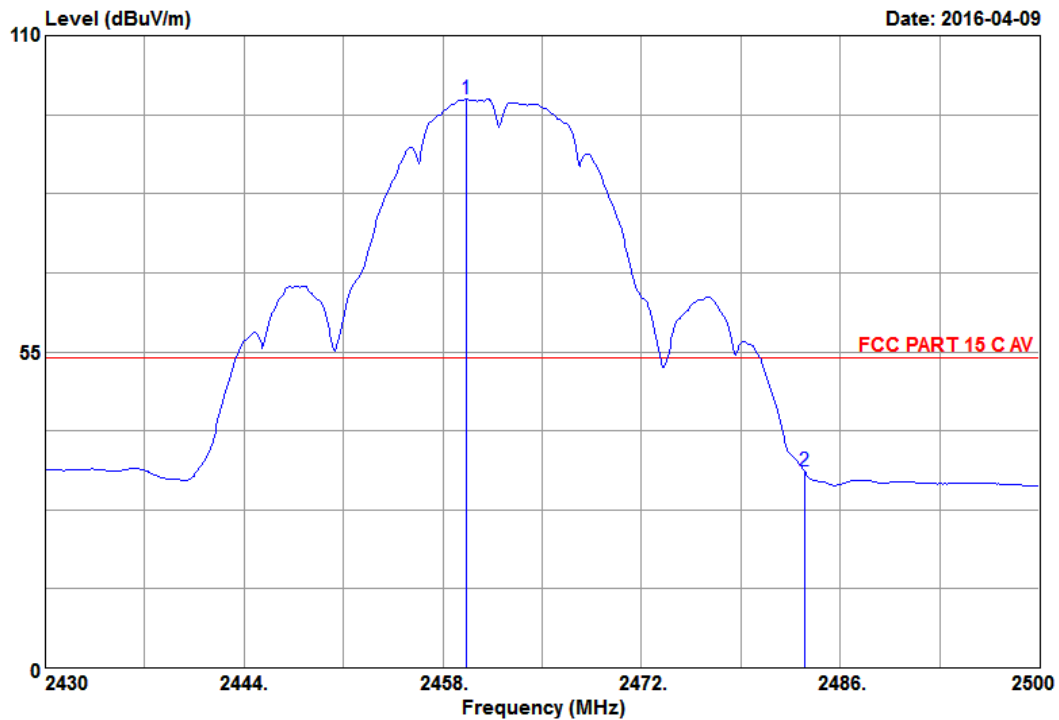
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2461.23	28.62	5.15	97.41	34.50	96.68	54.00	-42.68	Average
2	2483.50	28.66	5.18	36.55	34.49	35.90	54.00	18.10	Average

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: 8 File: G:\Test Data\2013\Reports\04\G1304009R2.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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 Test Mode : TX 802.11b CH11 2462MHz
 Memo :

Data NO. : 8
 Ant. pol. : VERTICAL
 Engineer : Mickey

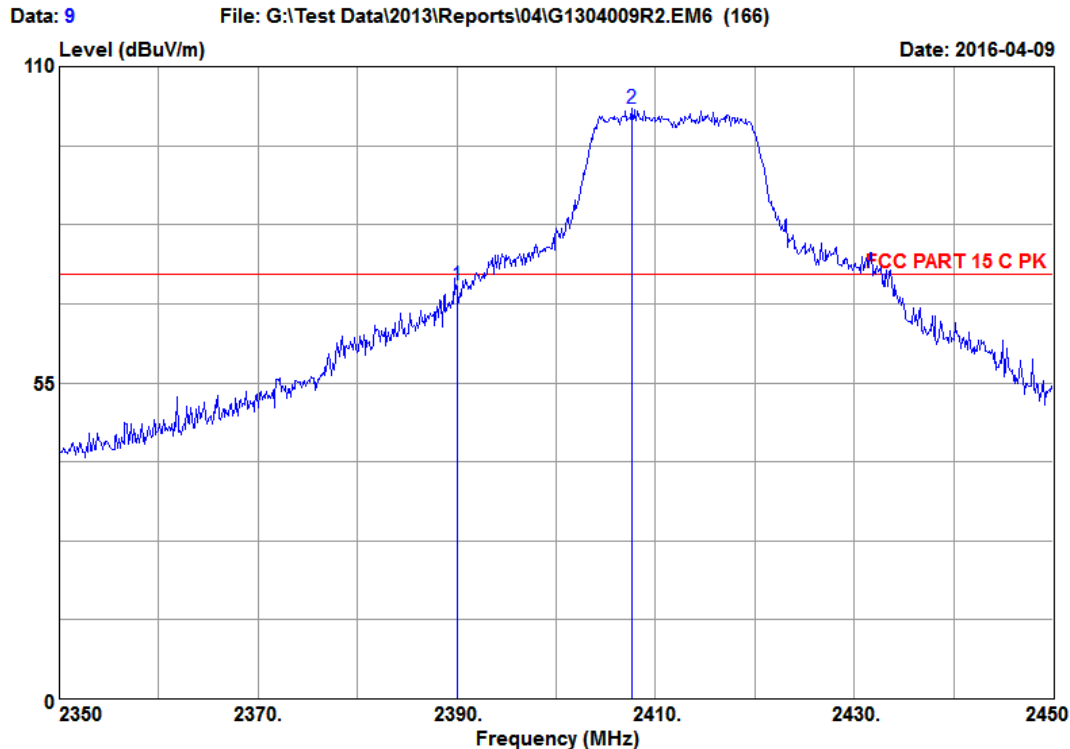
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2459.70	28.62	5.15	99.69	34.50	98.96	54.00	-44.96	Average
2	2483.50	28.66	5.18	34.90	34.49	34.25	54.00	19.75	Average

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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	73.05	34.50	72.09	74.00	1.91	Peak
2	2407.60	28.49	5.09	103.69	34.50	102.77	74.00	-28.77	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.

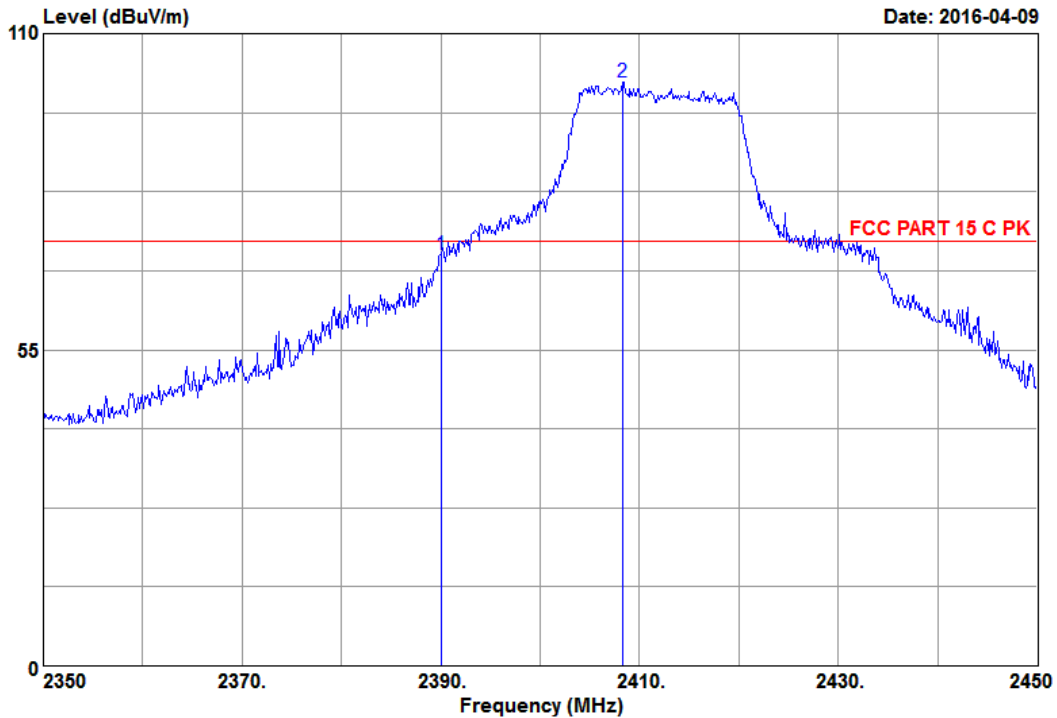


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Data: 10

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-09



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	72.44	34.50	71.48	74.00	2.52	Peak
2	2408.32	28.49	5.09	102.55	34.50	101.63	74.00	-27.63	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.

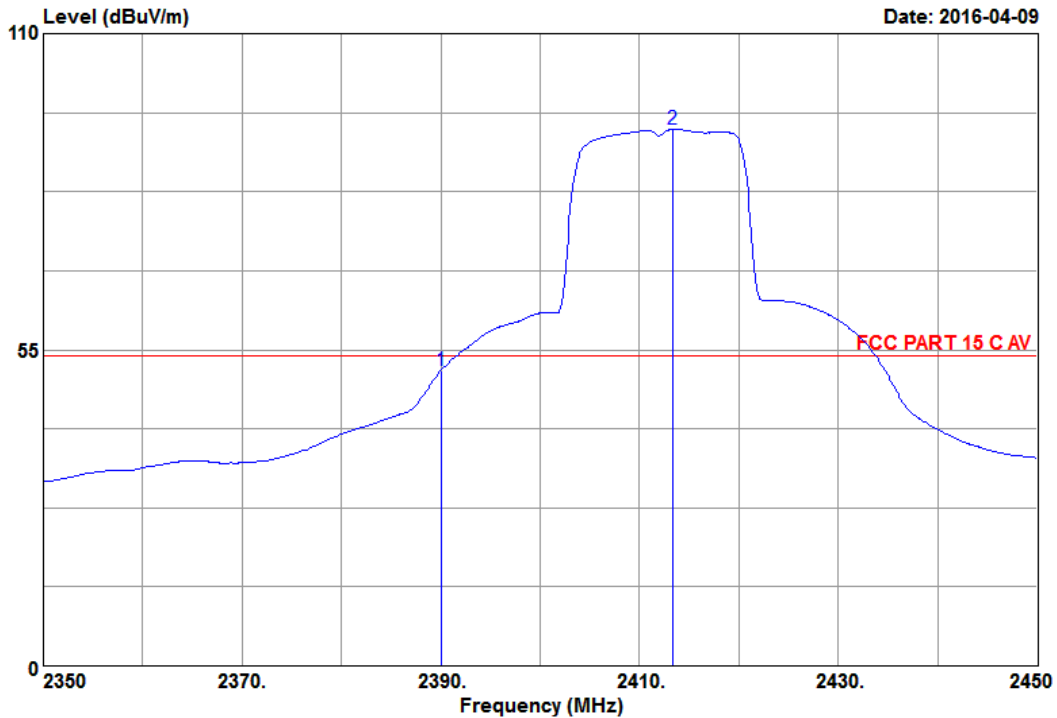


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Data: 11

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-09



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	52.30	34.50	51.34	54.00	2.66	Average
2	2413.36	28.49	5.09	94.25	34.50	93.33	54.00	-39.33	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.

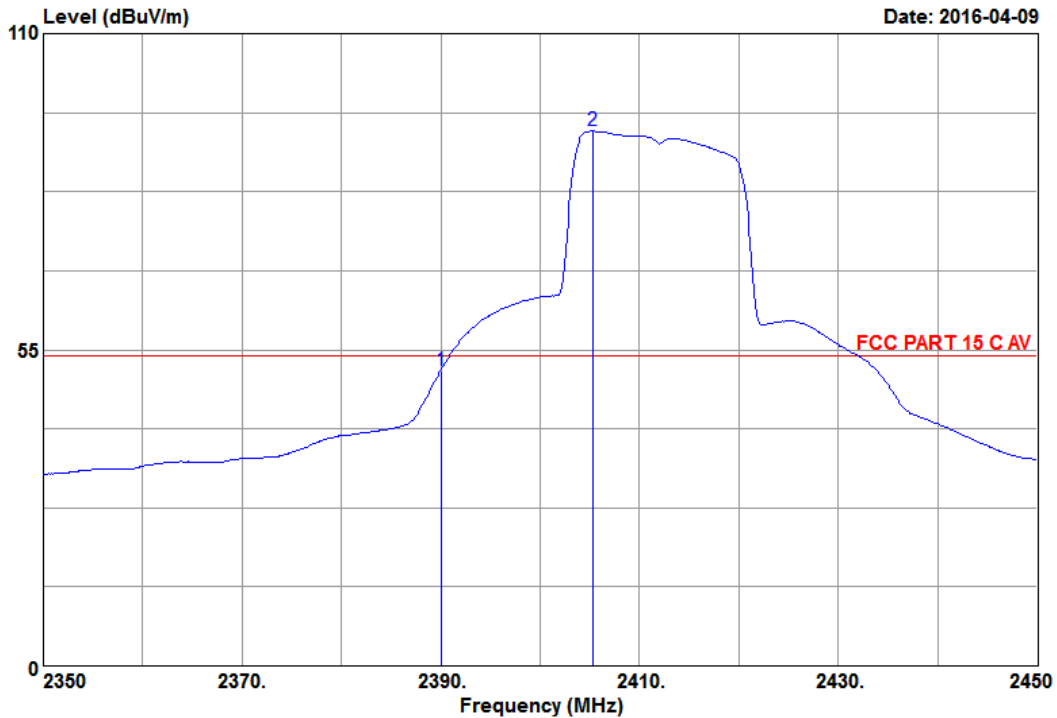


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Data: 12

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-09



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	52.22	34.50	51.26	54.00	2.74	Average
2	2405.32	28.49	5.09	93.98	34.50	93.06	54.00	-39.06	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.

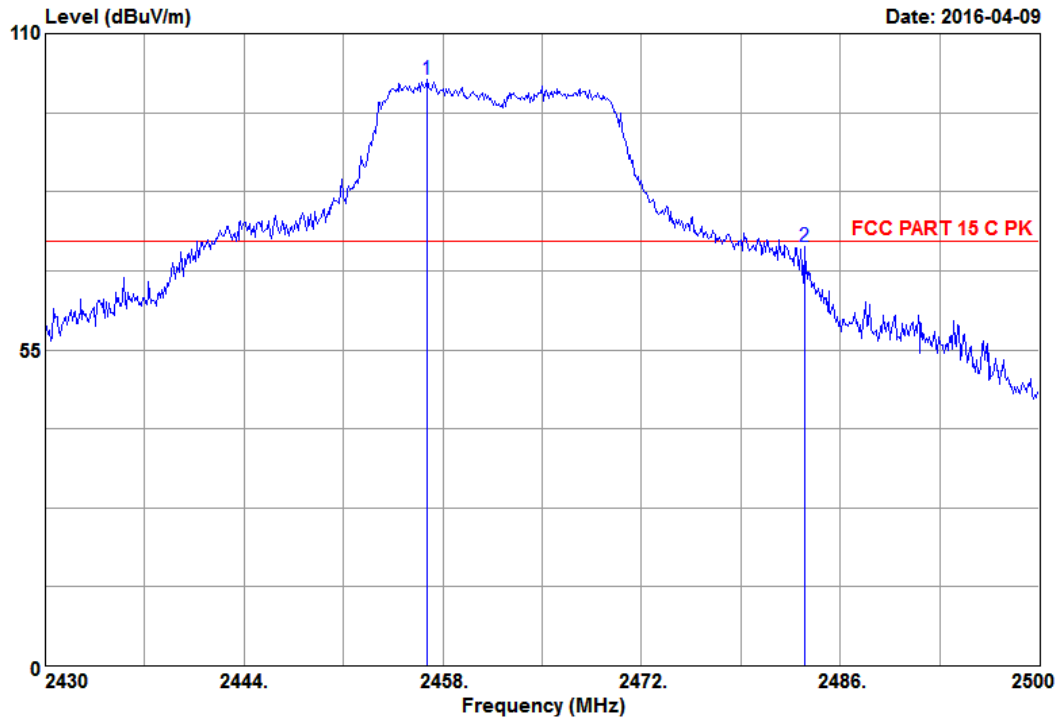


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Data: 13

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-09



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 Test Mode : TX 802.11g CH11 2462MHz
 Memo :

Data NO. : 13
 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	2456.91	28.62	5.15	102.76	34.50	102.03	74.00	-28.03	Peak
2	2483.50	28.66	5.18	73.49	34.49	72.84	74.00	1.16	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.

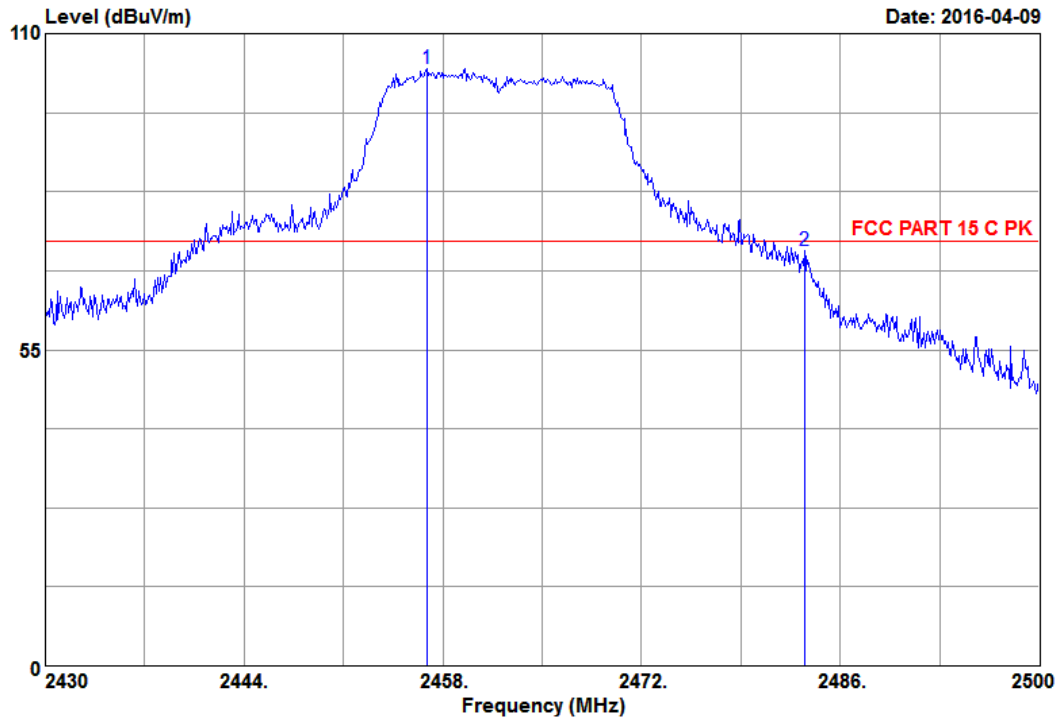


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Data: 14

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-09



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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)	Preamplifier Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2456.91	28.62	5.15	104.74	34.50	104.01	74.00	-30.01	Peak
2	2483.50	28.66	5.18	72.84	34.49	72.19	74.00	1.81	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.

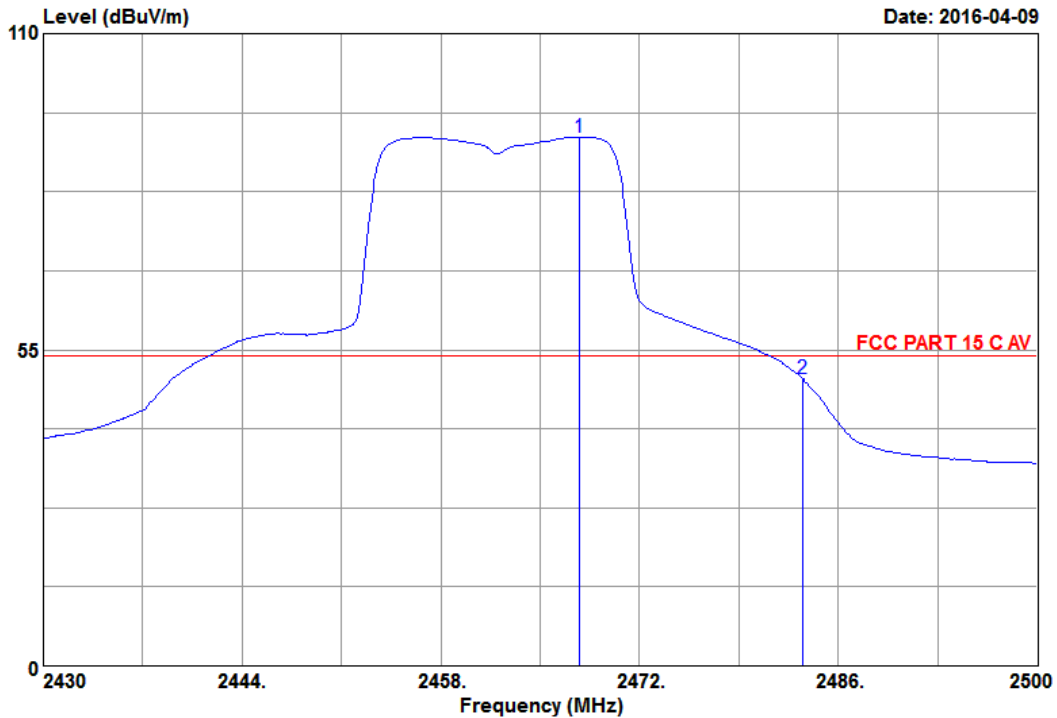


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Data: 15

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-09



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	2467.80	28.62	5.18	92.73	34.49	92.04	54.00	-38.04	Average
2	2483.50	28.66	5.18	50.73	34.49	50.08	54.00	3.92	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.

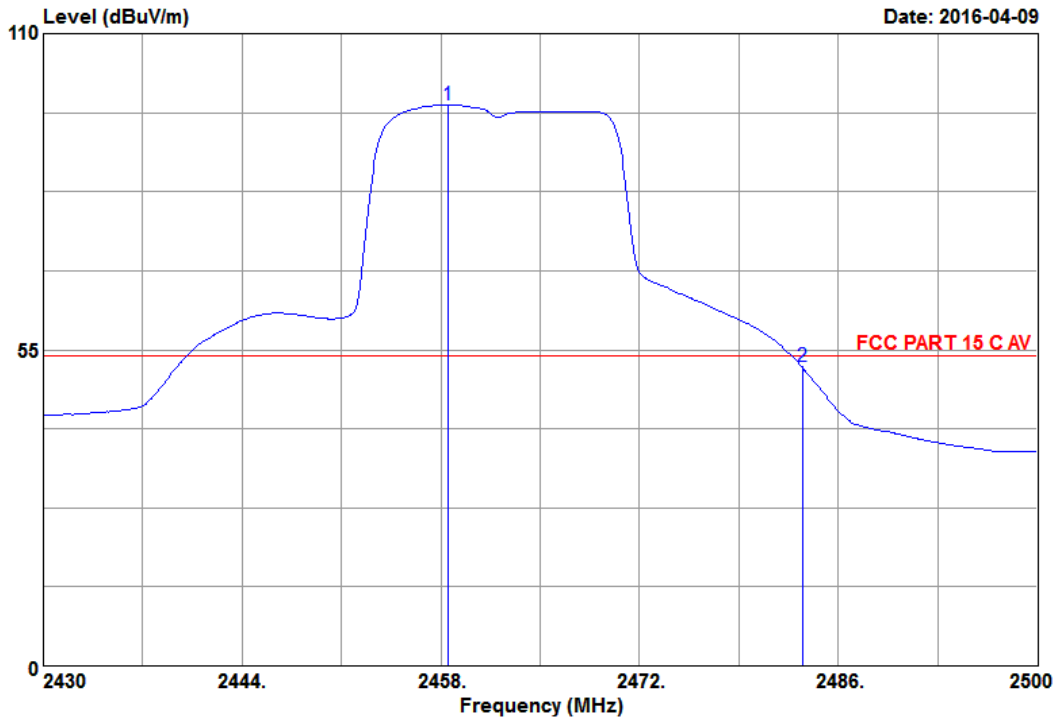


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Data: 16

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-09



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	2458.53	28.62	5.15	98.34	34.50	97.61	54.00	-43.61	Average
2	2483.50	28.66	5.18	52.61	34.49	51.96	54.00	2.04	Average

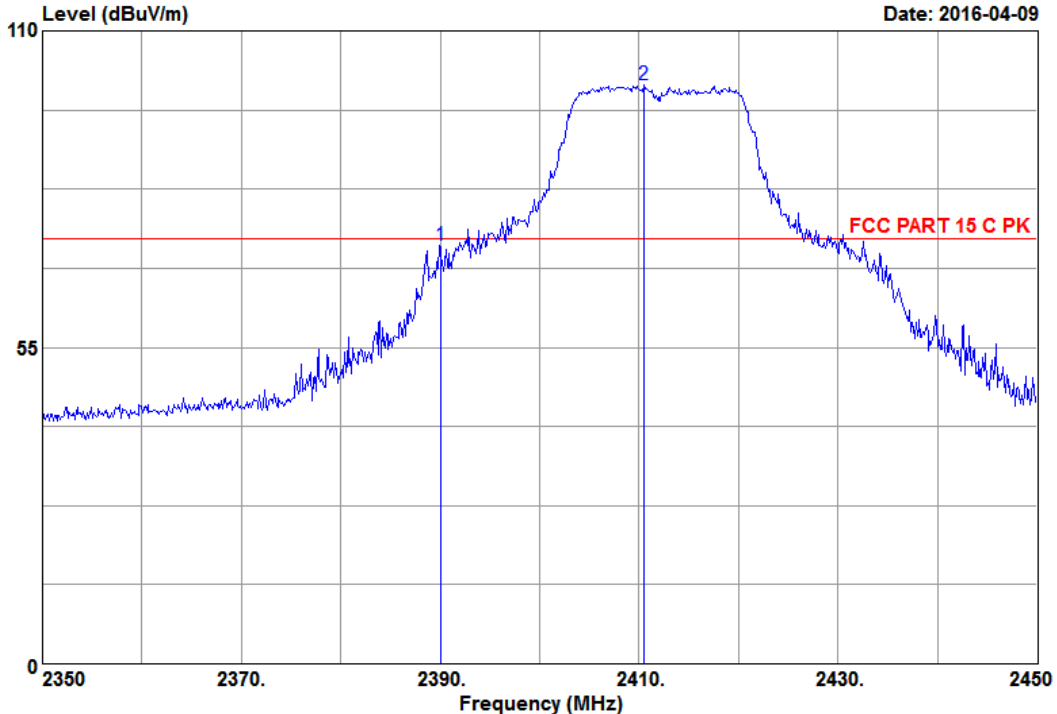
Remarks: 1. Emission Level= Ant.Factor + Cable Loss + Reading - Preamp.Factor.
 2. The emission levels that are 20dB below the official limit are not reported.

4.8.3. IEEE 802.11n HT20



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Data: 17 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166) Date: 2016-04-09



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	73.73	34.50	72.77	74.00	1.23	Peak
2	2410.48	28.49	5.09	101.57	34.50	100.65	74.00	-26.65	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.

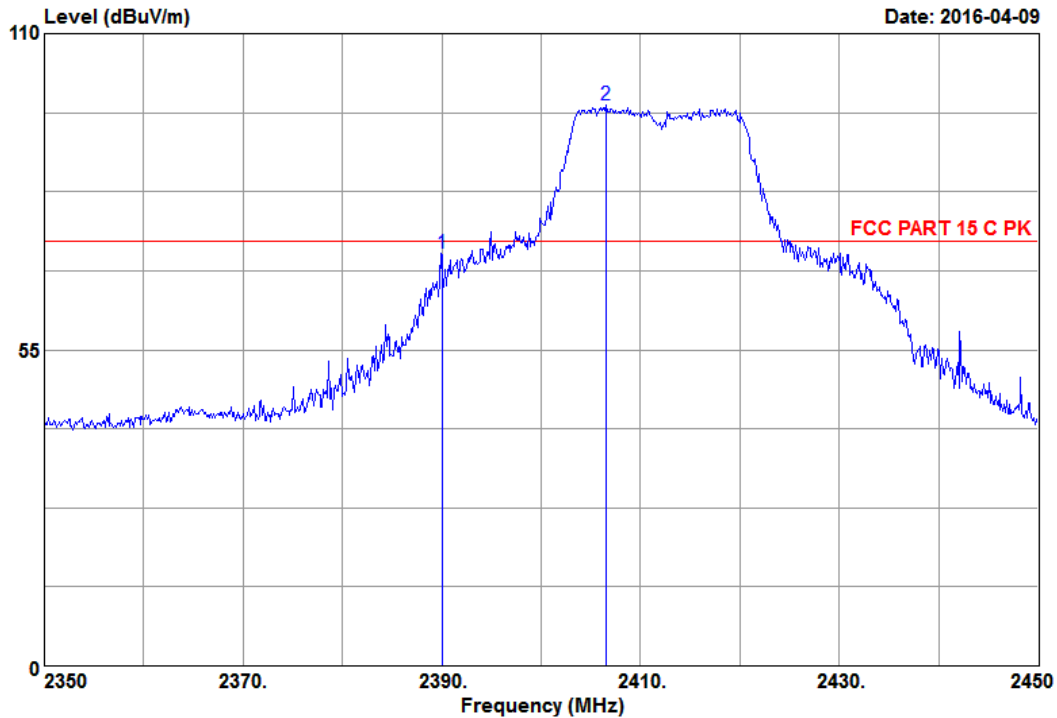


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Data: 18

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-09



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-inspire CX navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 Test Mode : TX 802.11nHT20 CH1 2412MHz
 Memo :

Data NO. : 18
 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	72.74	34.50	71.78	74.00	2.22	Peak
2	2406.52	28.49	5.09	98.61	34.50	97.69	74.00	-23.69	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.

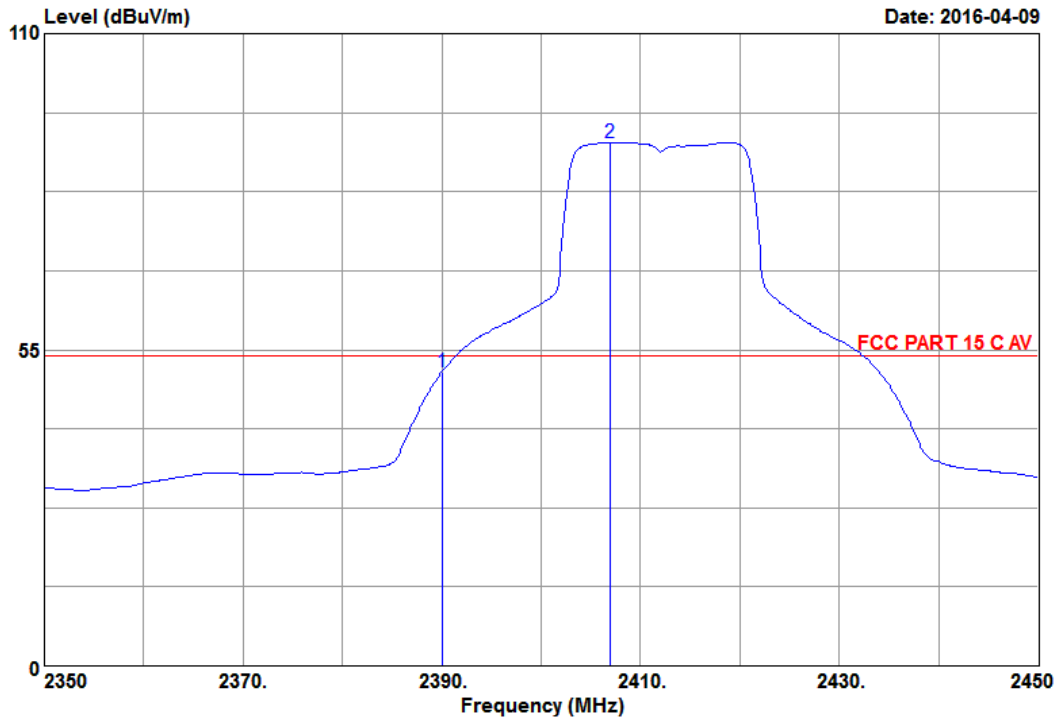


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Data: 19

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-09



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C AV
 Env. / Ins. : 21.8*CG48%/N9030A
 EUT : TI-nspire CX navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 Test Mode : TX 802.11nHT20 CH1 2412MHz
 Memo :

Data NO. : 19
 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	52.02	34.50	51.06	54.00	2.94	Average
2	2407.00	28.49	5.09	92.02	34.50	91.10	54.00	-37.10	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.

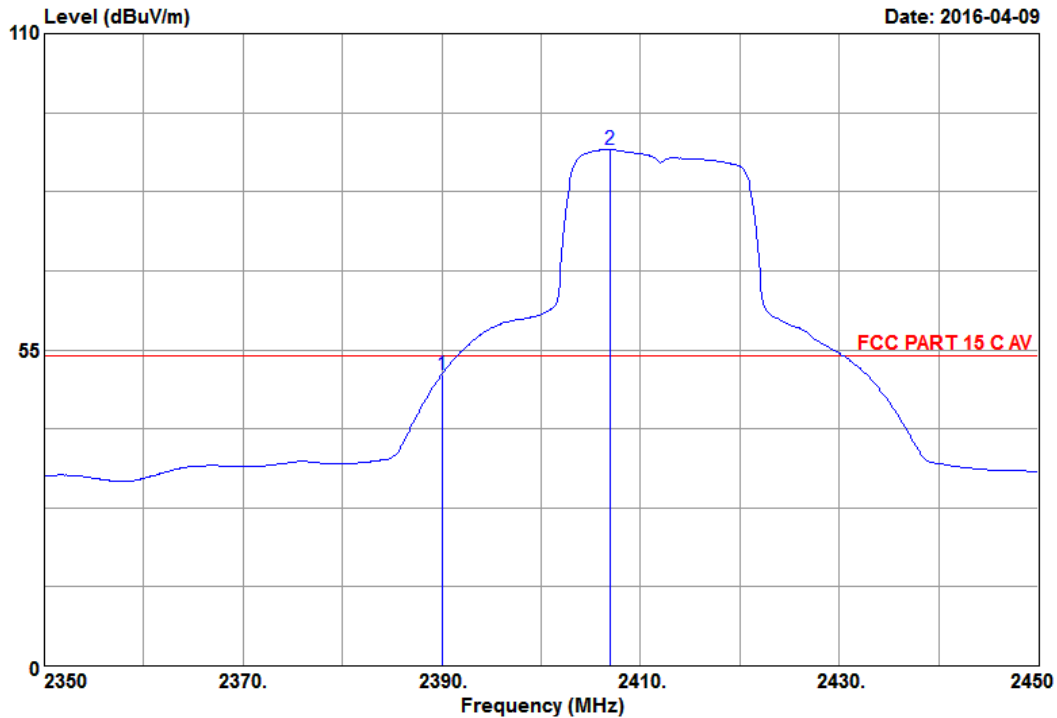


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Data: 20

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-09



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C AV
 Env. / Ins. : 21.8*CG48%/N9030A
 EUT : TI-nspire CX navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.45	5.09	51.60	34.50	50.64	54.00	3.36	Average
2	2406.88	28.49	5.09	90.76	34.50	89.84	54.00	-35.84	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.

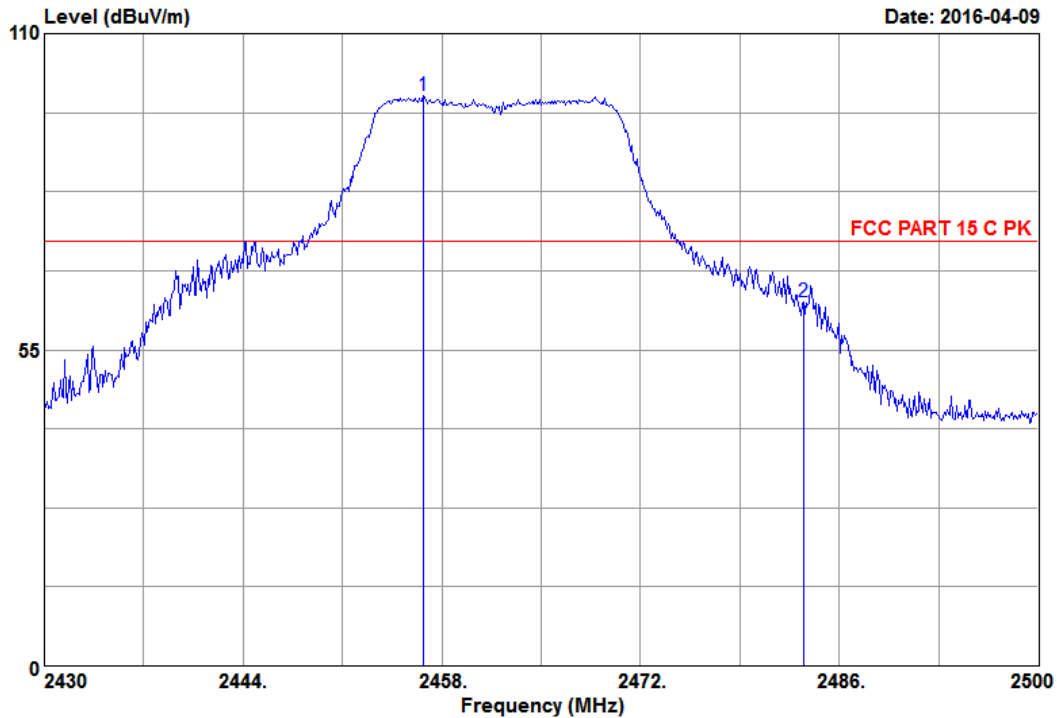


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Data: 21

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-09



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 navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 Test Mode : TX 802.11nHT20 CH11 2462MHz
 Memo :

Data NO. : 21
 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	2456.73	28.62	5.15	99.90	34.50	99.17	74.00	-25.17	Peak
2	2483.50	28.66	5.18	63.96	34.49	63.31	74.00	10.69	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.

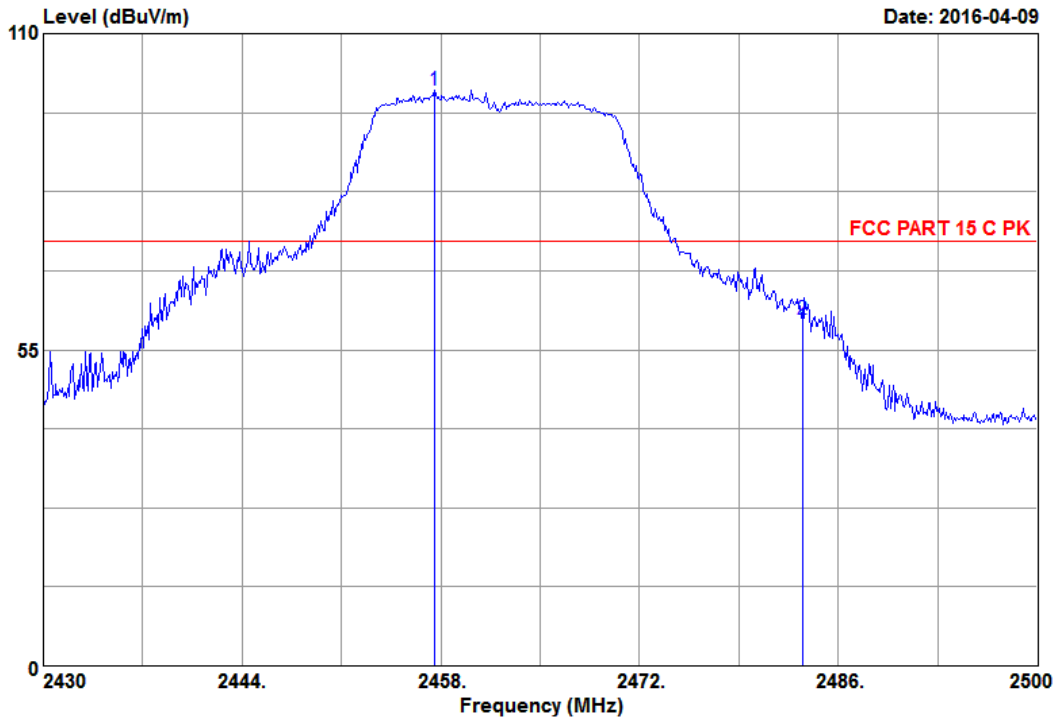


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Data: 22

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-09



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-inspire CX navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 Test Mode : TX 802.11nHT20 CH11 2462MHz
 Memo :

Data NO. : 22
 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	2457.54	28.62	5.15	100.99	34.50	100.26	74.00	-26.26	Peak
2	2483.50	28.66	5.18	60.85	34.49	60.20	74.00	13.80	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.

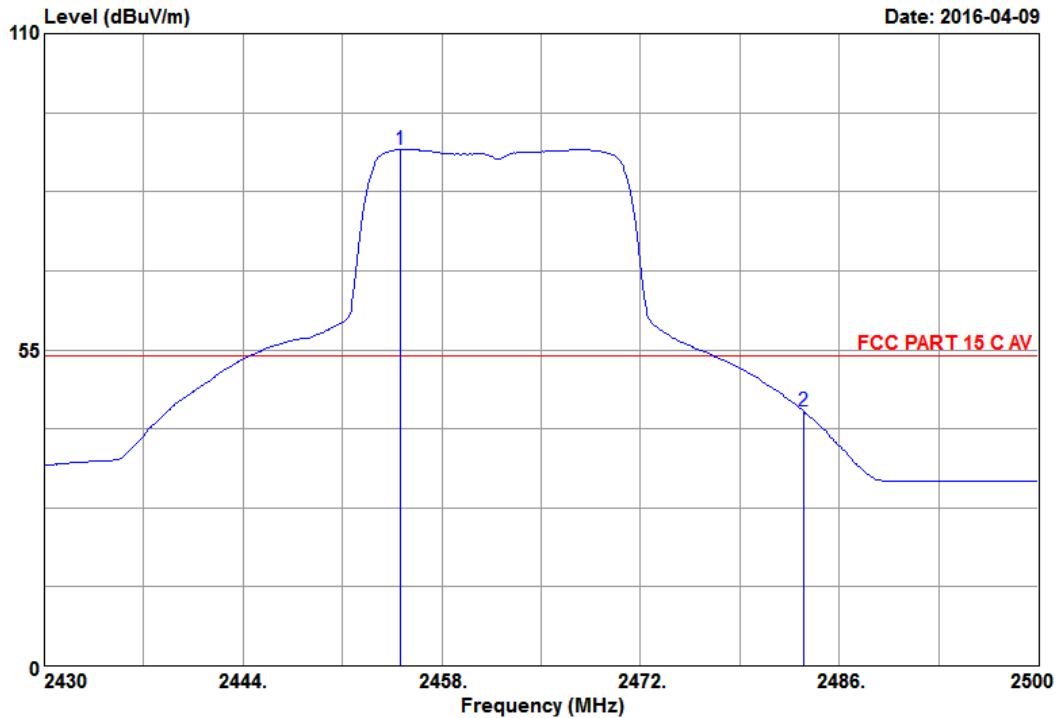


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Data: 23

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-09



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C AV
 Env. / Ins. : 21.8*CG48%/N9030A
 EUT : TI-nspire CX navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 Test Mode : TX 802.11nHT20 CH11 2462MHz
 Memo :

Data NO. : 23
 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	2455.11	28.62	5.15	90.57	34.50	89.84	54.00	-35.84	Average
2	2483.50	28.66	5.18	44.99	34.49	44.34	54.00	9.66	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.

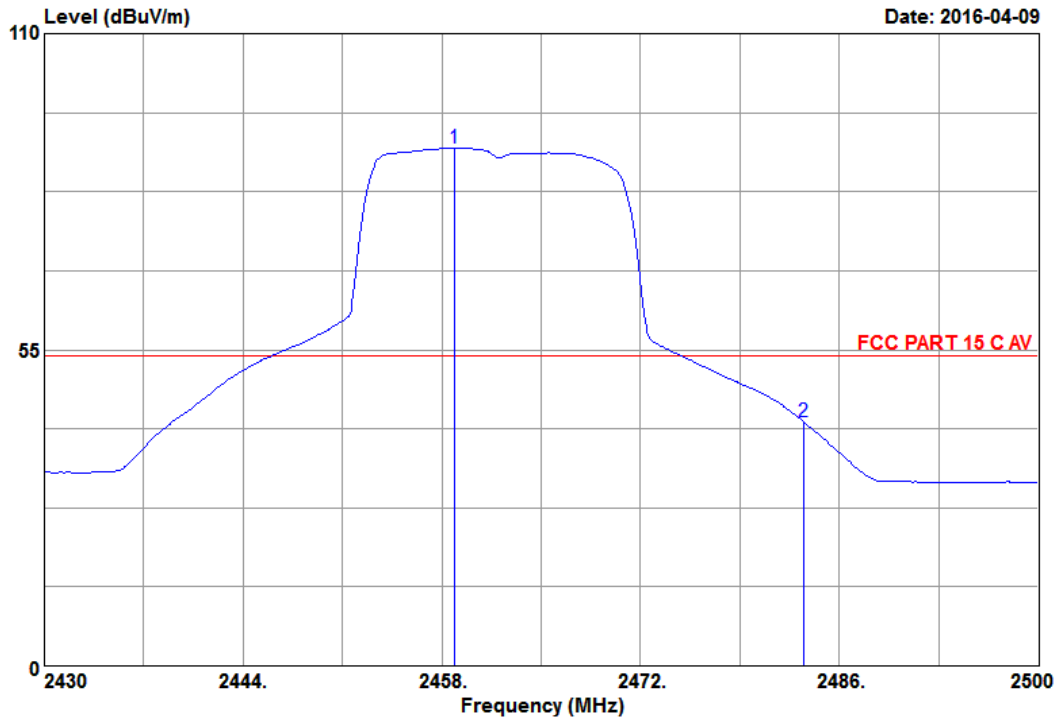


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 Tel: (0512) 63403993 Fax: (0512) 63403993

Data: 24

File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)

Date: 2016-04-09



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C AV
 Env. / Ins. : 21.8*CG48%/N9030A
 EUT : TI-nspire CX navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 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	2458.89	28.62	5.15	90.84	34.50	90.11	54.00	-36.11	Average
2	2483.50	28.66	5.18	43.16	34.49	42.51	54.00	11.49	Average

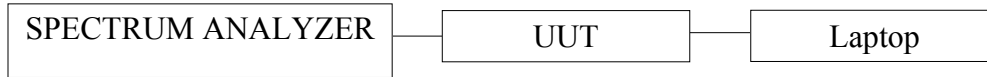
Remarks: 1. Emission Level= Ant.Factor + Cable Loss + Reading - Preamp.Factor.
 2. The emission levels that are 20dB below the official limit are not reported.

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.

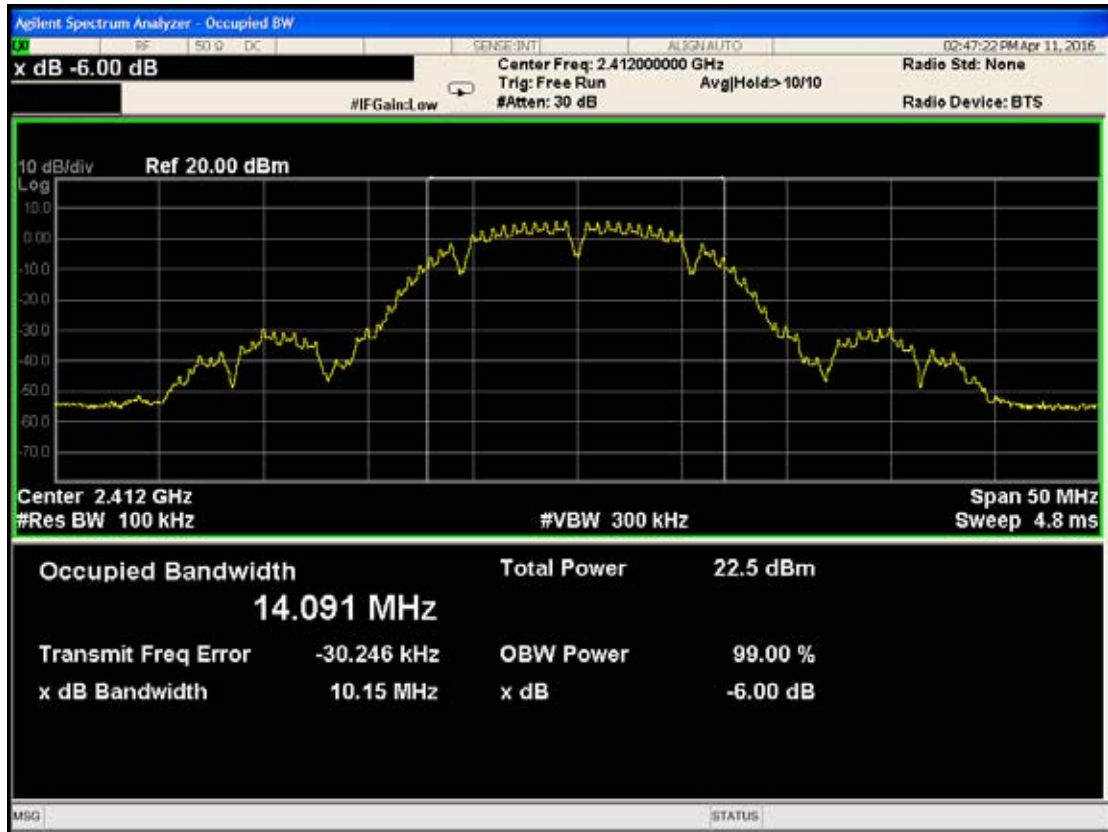
5.4. Test Results

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

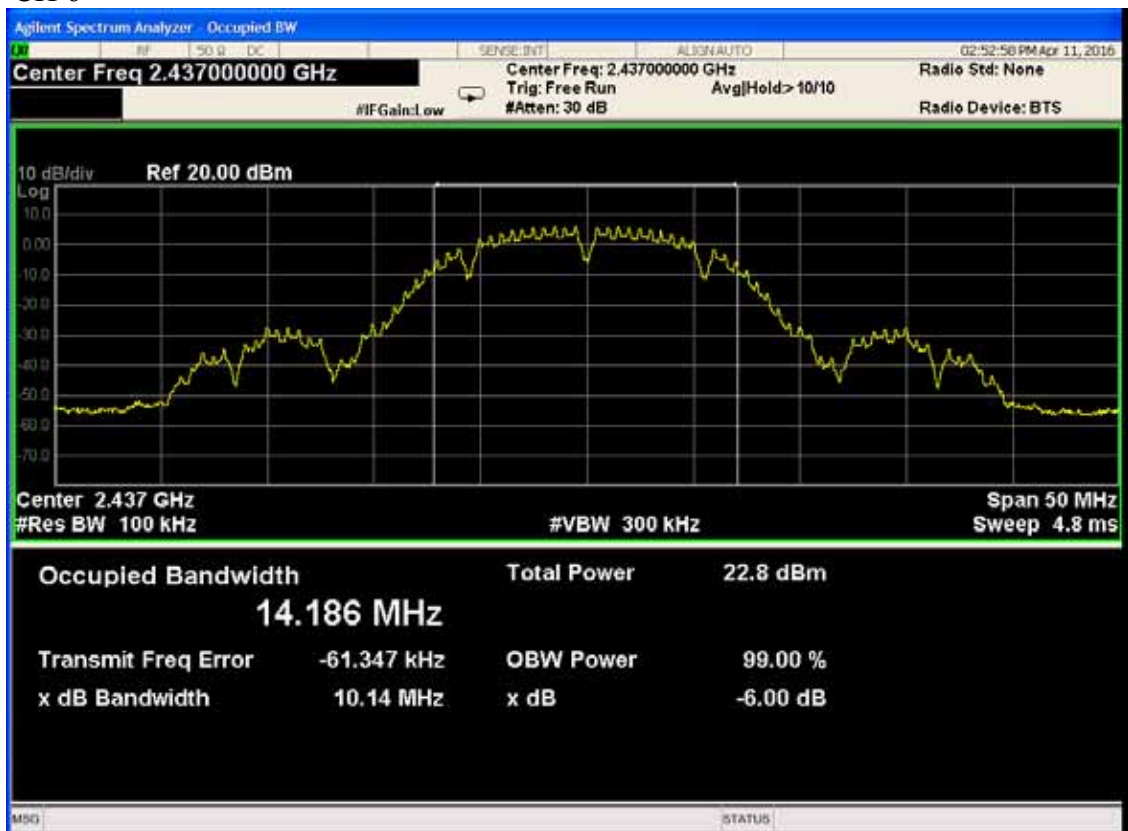
Item	Channel	Test Frequency	6dB Bandwidth
802.11b	1	2412MHz	10.15 MHz
	6	2437MHz	10.14 MHz
	11	2462MHz	10.13 MHz
802.11g	1	2412MHz	16.51 MHz
	6	2437MHz	16.61 MHz
	11	2462MHz	16.61 MHz
802.11n HT20	1	2412MHz	17.81 MHz
	6	2437MHz	17.84 MHz
	11	2462MHz	17.85 MHz

5.4.1. 802.11b

CH 1



CH 6

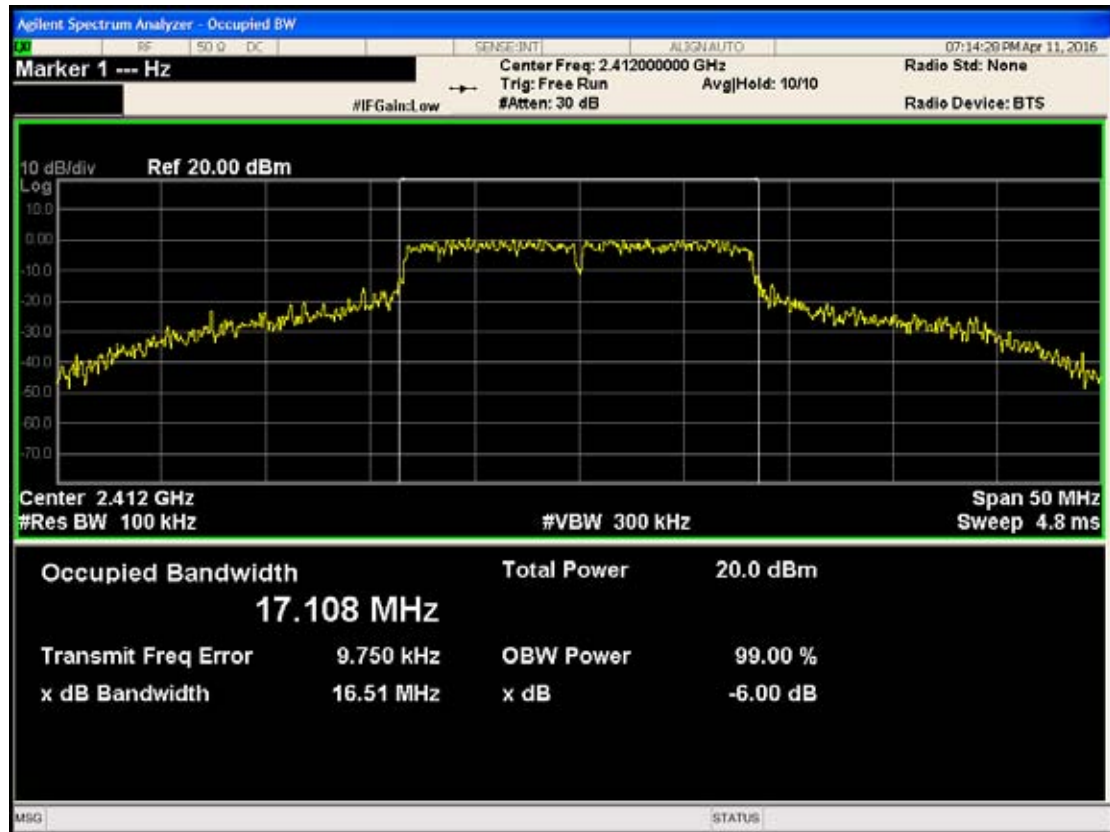


CH 11

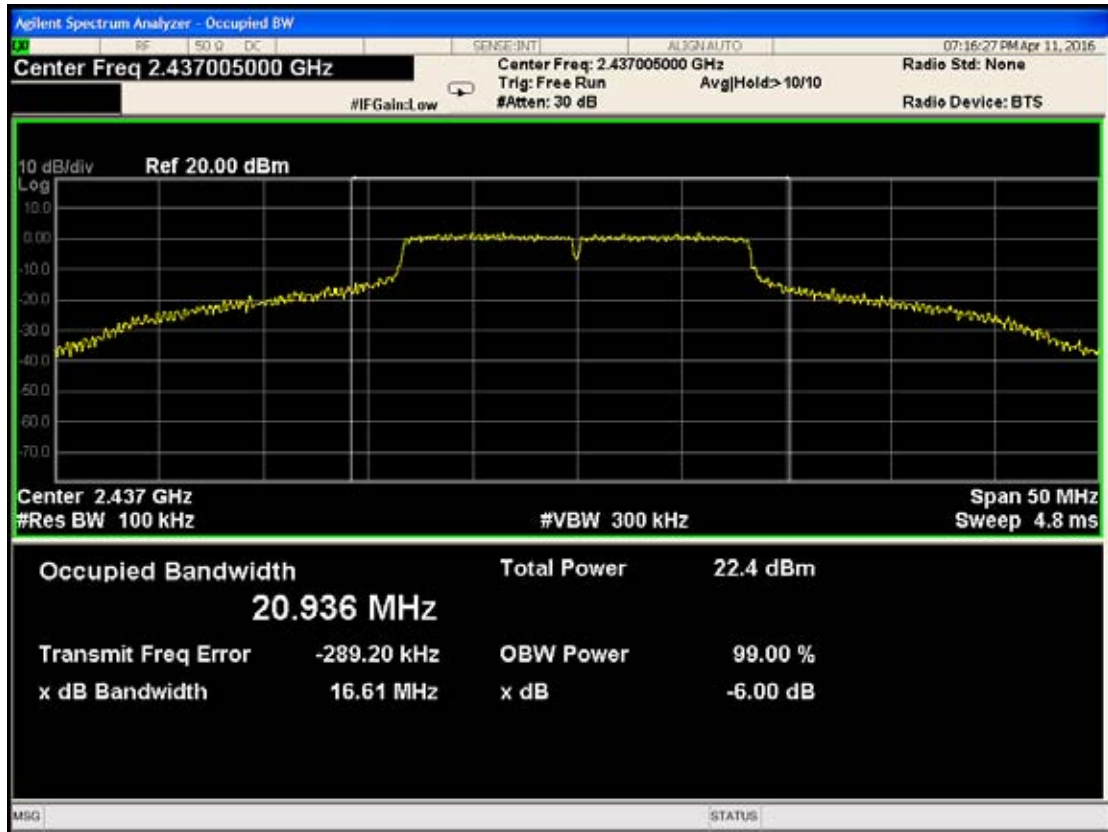


5.4.2. 802.11g

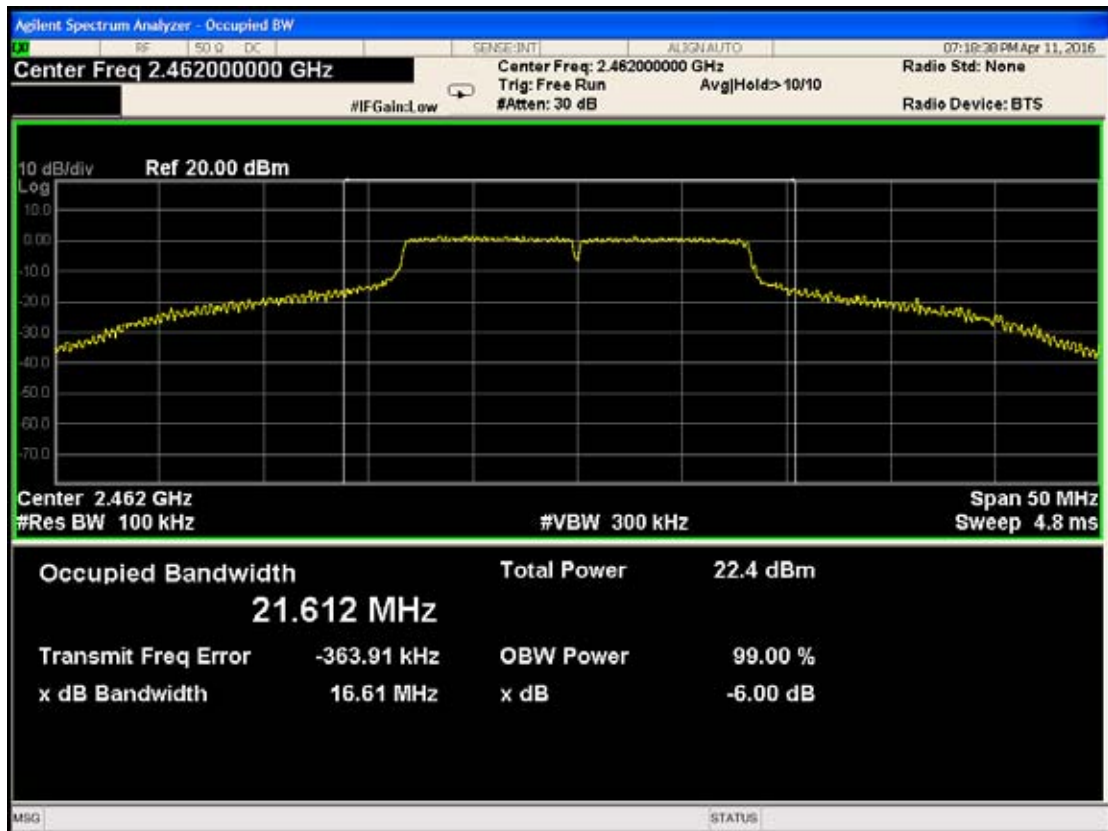
CH 1



CH 6

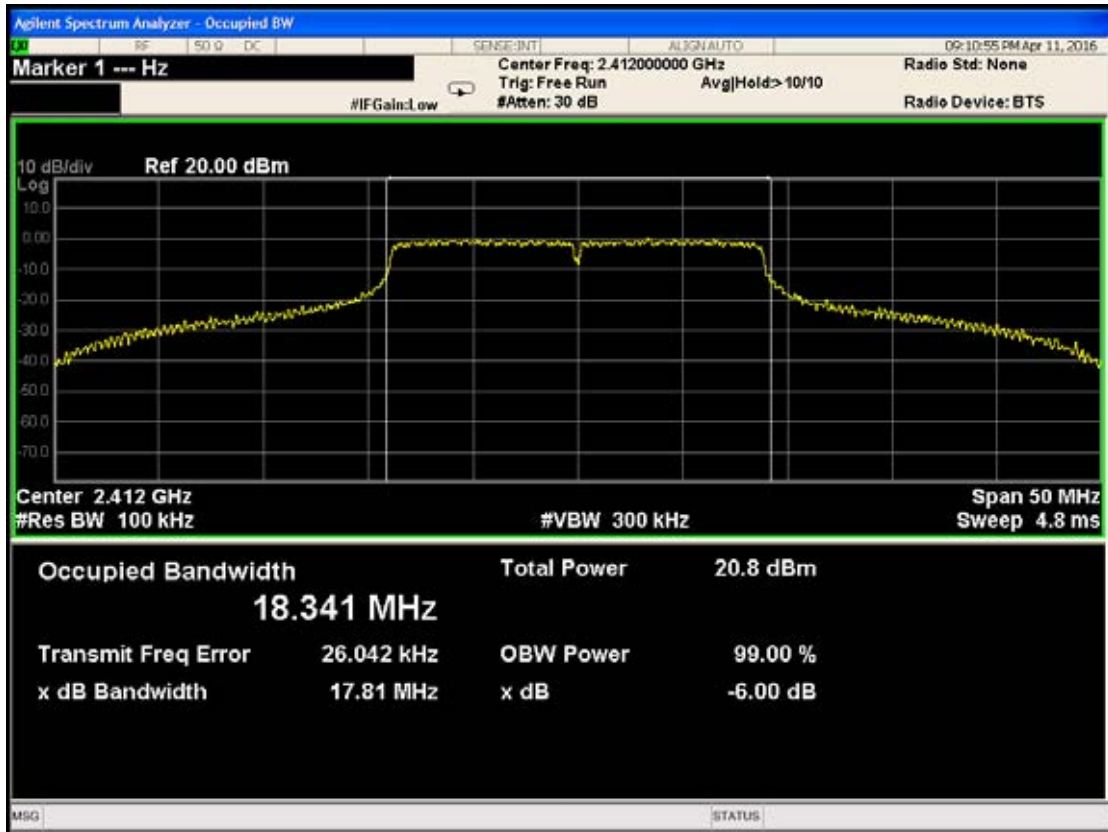


CH 11



5.4.3. 802.11n HT20

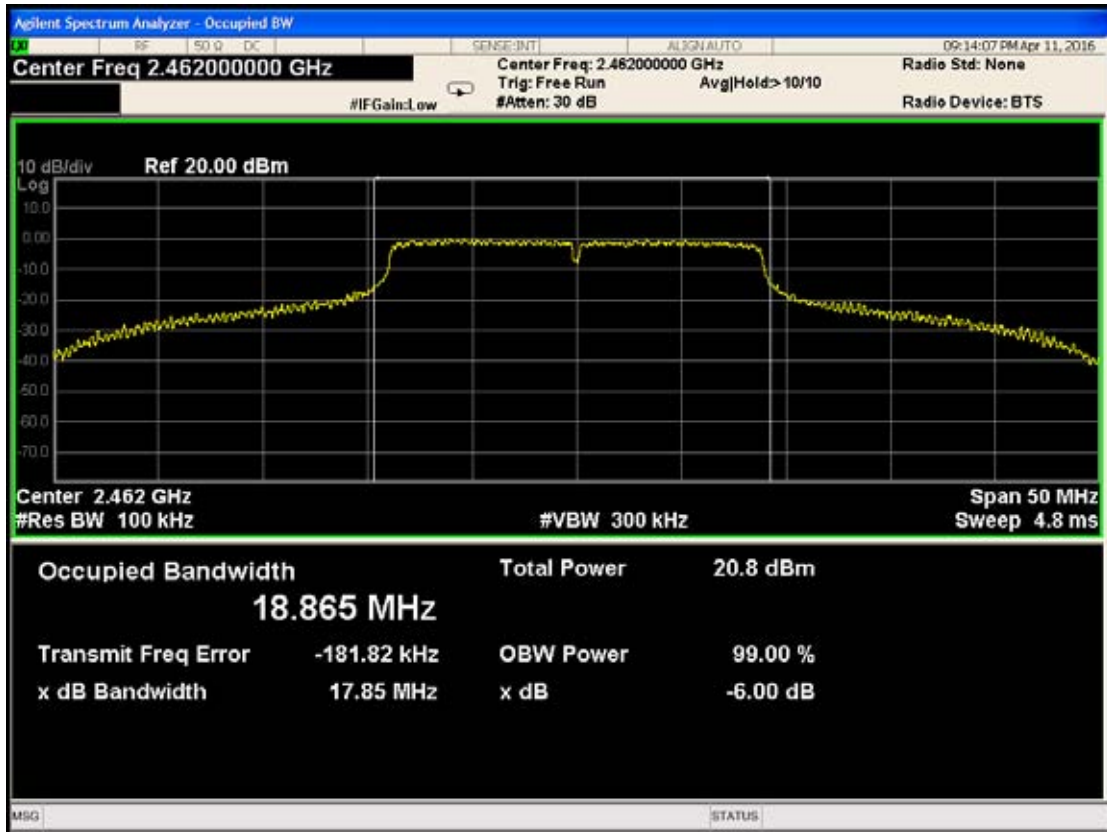
CH1



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	16.03	15.12	14.63
2 Mbps	15.51	14.77	14.62
5.5 Mbps	15.31	14.32	14.09
11 Mbps	15.11	14.78	14.91

Test Condition	Average Power (dBm)		
Rate/ Channel	CH1	CH6	CH11
1Mbps	14.89	13.01	13.21
2 Mbps	13.27	12.76	12.87
5.5 Mbps	13.65	12.53	12.65
11 Mbps	13.53	12.37	13.03

Test Mode: 802.11g

Test Condition	Peak Power (dBm)		
Rate/ Channel	CH1	CH6	CH11
6Mbps	19.15	18.08	18.03
9 Mbps	18.24	18.87	18.66
12 Mbps	18.19	19.08	18.71
18 Mbps	18.51	18.76	18.59
24 Mbps	19.12	18.06	18.18
36 Mbps	20.12	19.93	19.82
48 Mbps	19.93	19.71	19.22
54 Mbps	19.06	19.36	19.03

Test Condition	Average Power (dBm)		
Rate/ Channel	CH1	CH6	CH11
6Mbps	14.51	14.32	13.96
9 Mbps	13.66	14.21	13.33
12 Mbps	13.76	13.18	13.51
18 Mbps	13.64	13.66	12.98
24 Mbps	13.70	13.71	13.54
36 Mbps	13.21	13.94	13.87
48 Mbps	12.48	12.35	12.98
54 Mbps	13.21	13.93	13.28

Test Mode: 802.11n HT20

Test Condition	Peak Power (dBm)		
Rate/ Channel	CH1	CH6	CH11
MCS0	18.23	18.03	18.15
MCS1	18.76	18.61	18.25
MCS2	18.21	18.87	18.66
MCS3	18.13	18.91	18.45
MCS4	17.12	17.28	17.04
MCS5	15.87	15.23	15.01
MCS7	18.87	18.89	18.75

Test Condition	Average Power (dBm)		
Rate/ Channel	CH1	CH6	CH11
MCS0	13.79	13.56	13.29
MCS1	13.21	13.77	13.06
MCS2	13.72	13.56	13.74
MCS3	13.29	13.27	13.44
MCS4	13.07	13.21	13.11
MCS5	11.66	10.23	10.76
MCS7	12.69	12.48	12.29

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.11, 2016

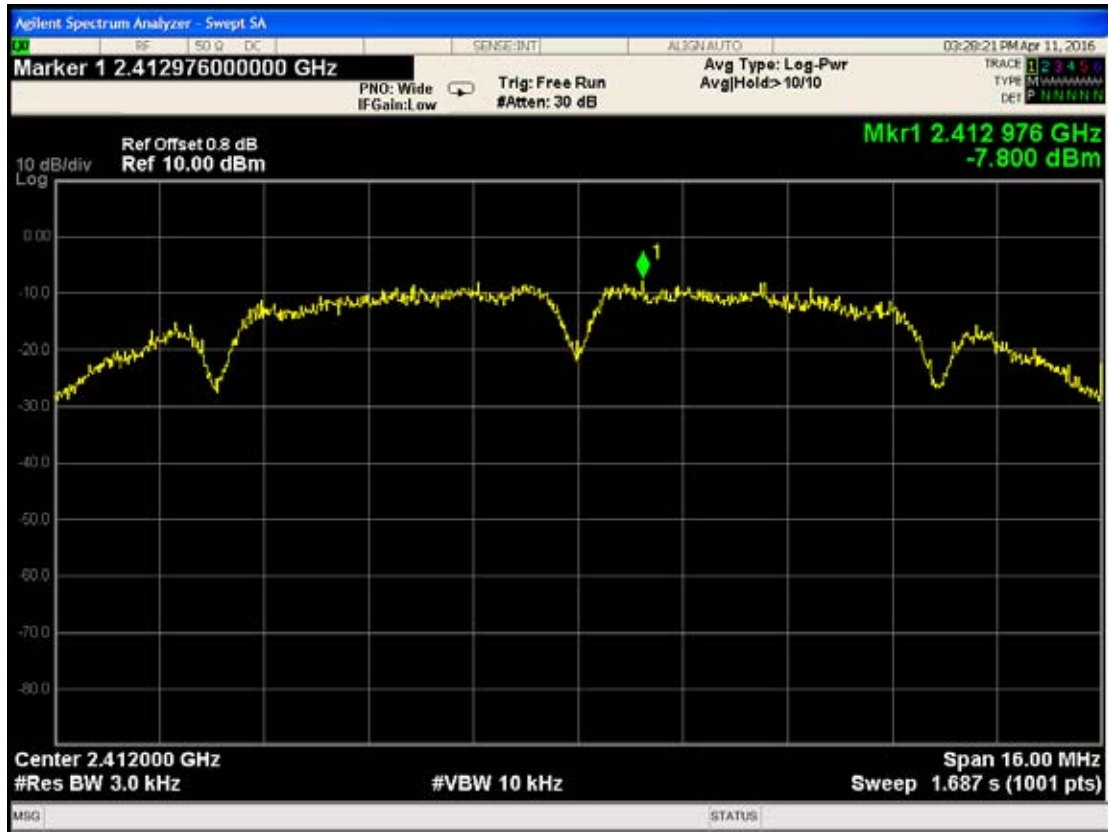
Temperature: 19.1 °C

Humidity: 58 %

Item	Channel	Frequency(GHz)	Value(dBm)
802.11b	1	2.412	-7.800
	6	2.436	-7.699
	11	2.461	-8.347
802.11g	1	2.417	-9.211
	6	2.442	-10.233
	11	2.445	-10.044
802.11n HT20	1	2.412	-11.150
	6	2.432	-10.667
	11	2.459	-11.206

7.4.1. 802.11b

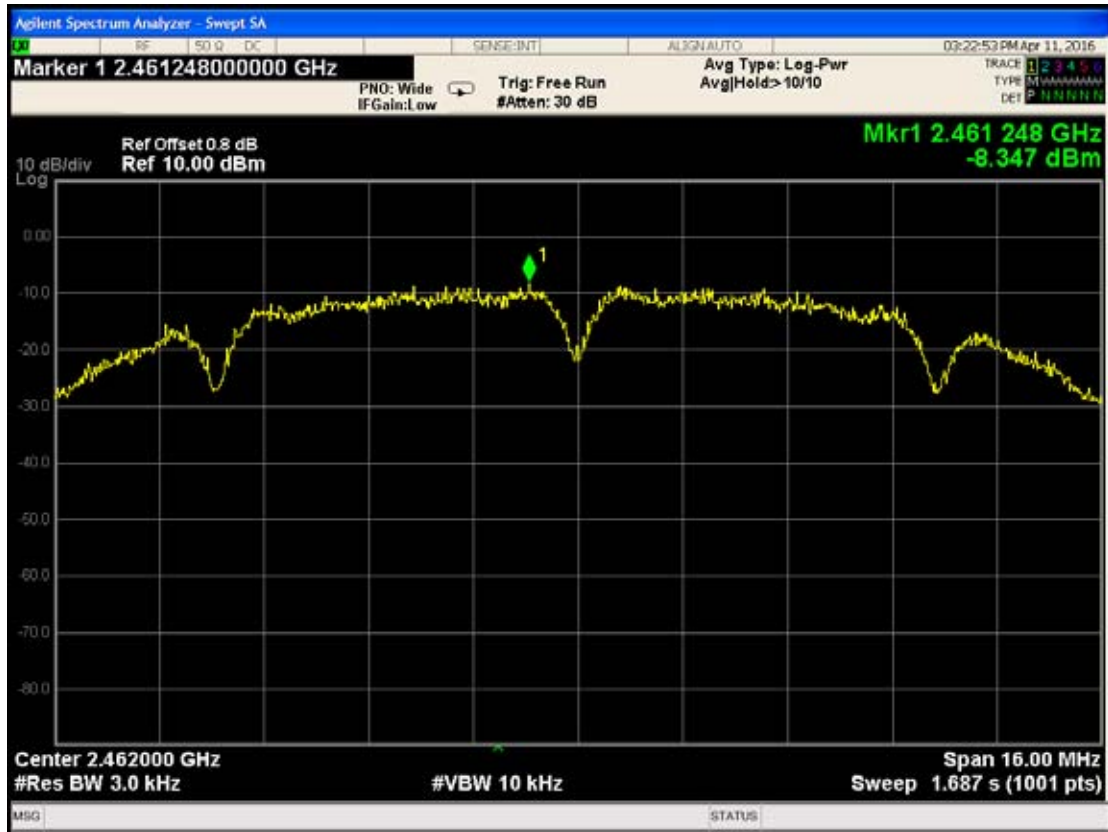
CH 1



CH 6



CH 11

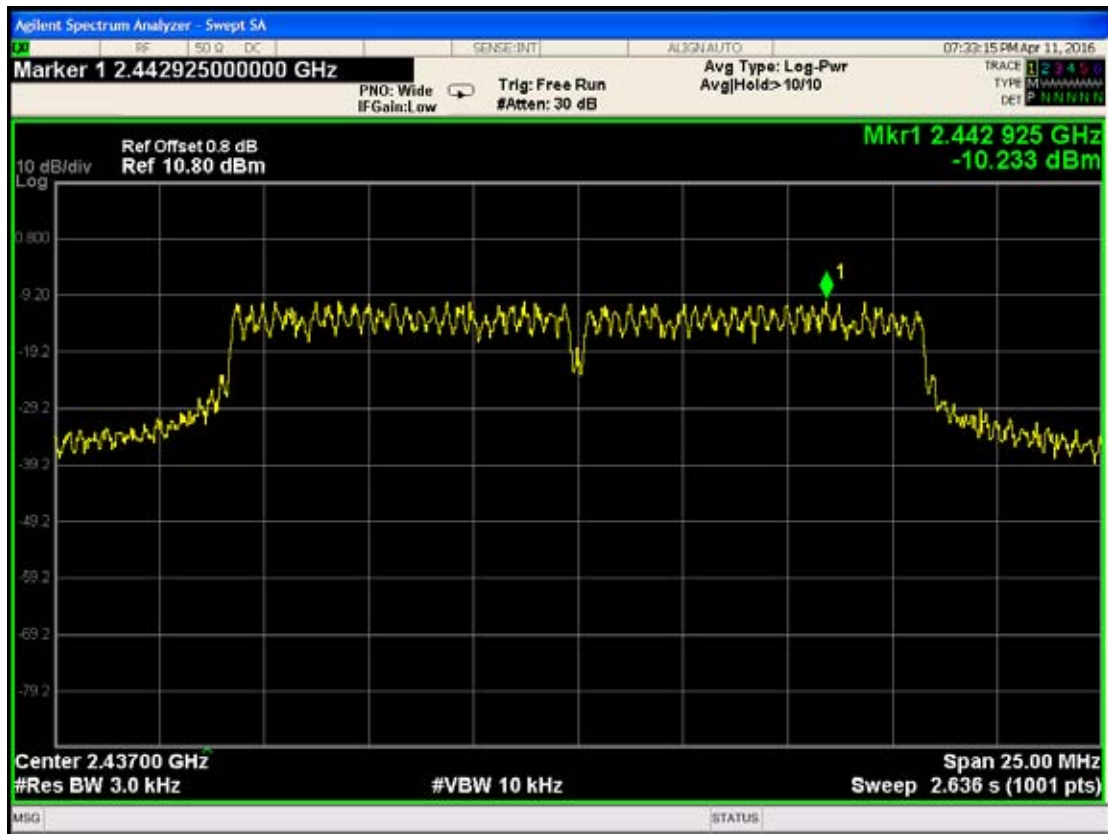


7.4.2. 802.11g

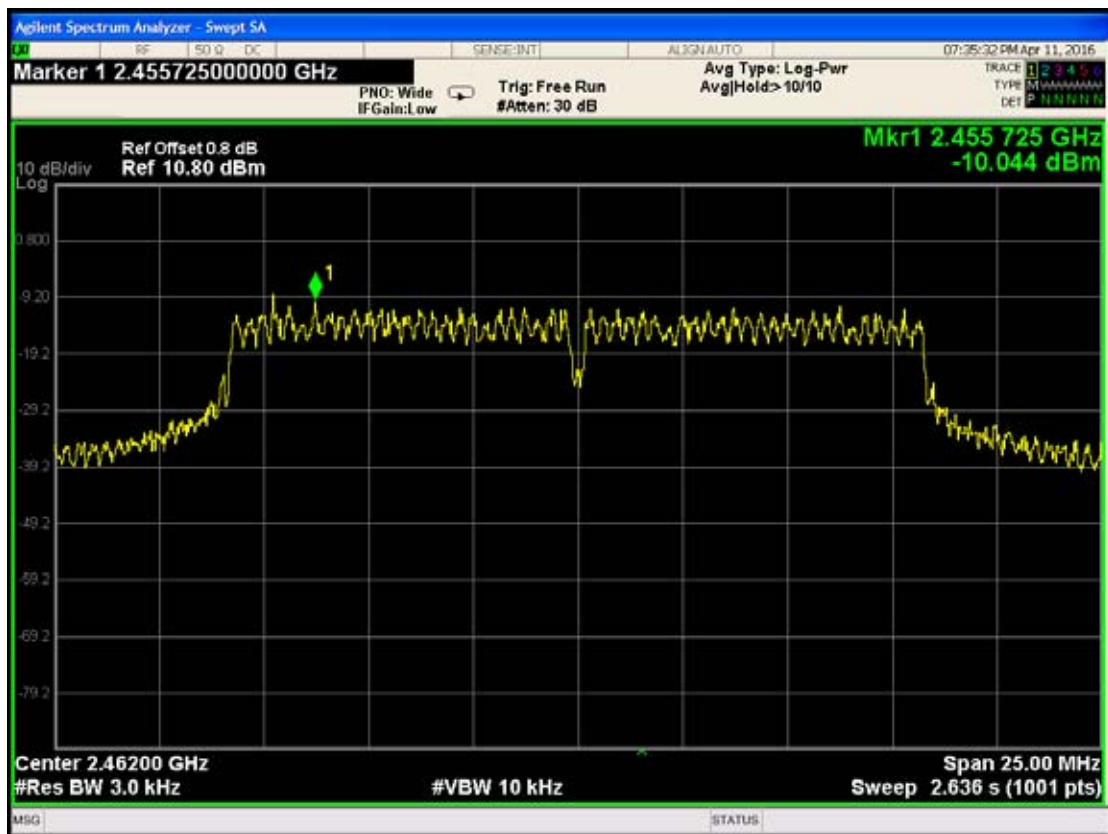
CH 1



CH 6

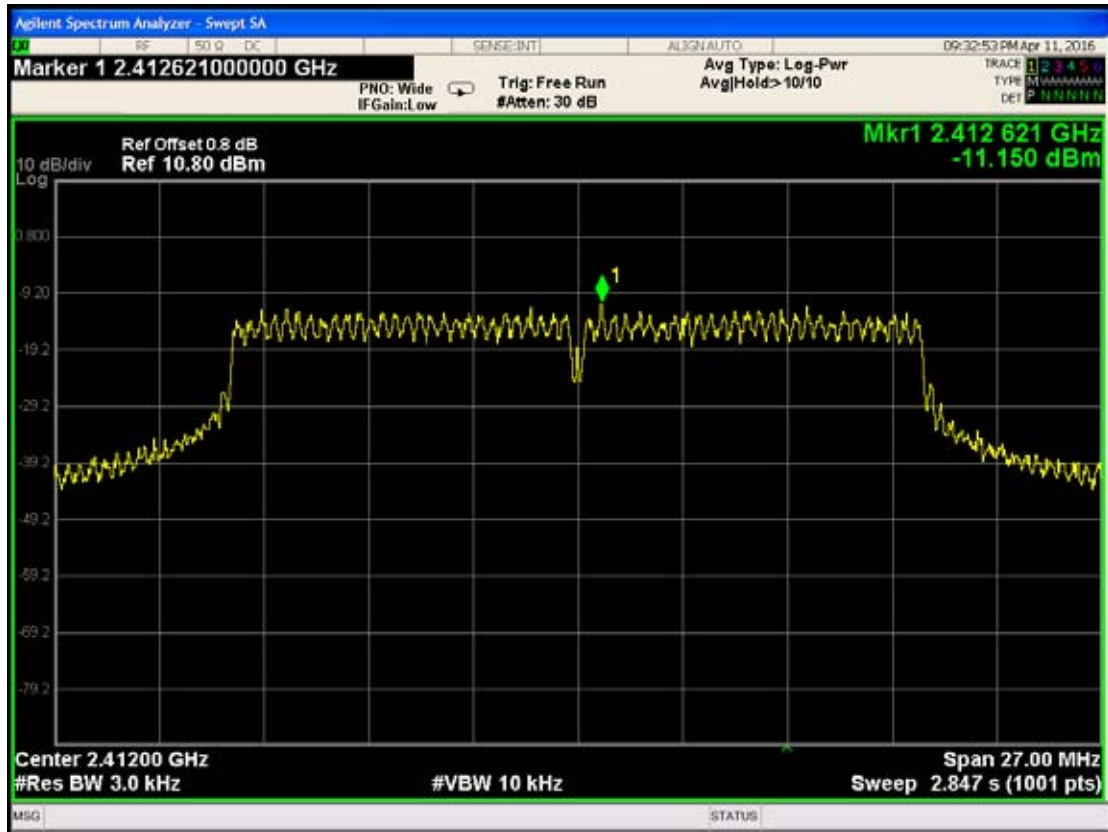


CH 11

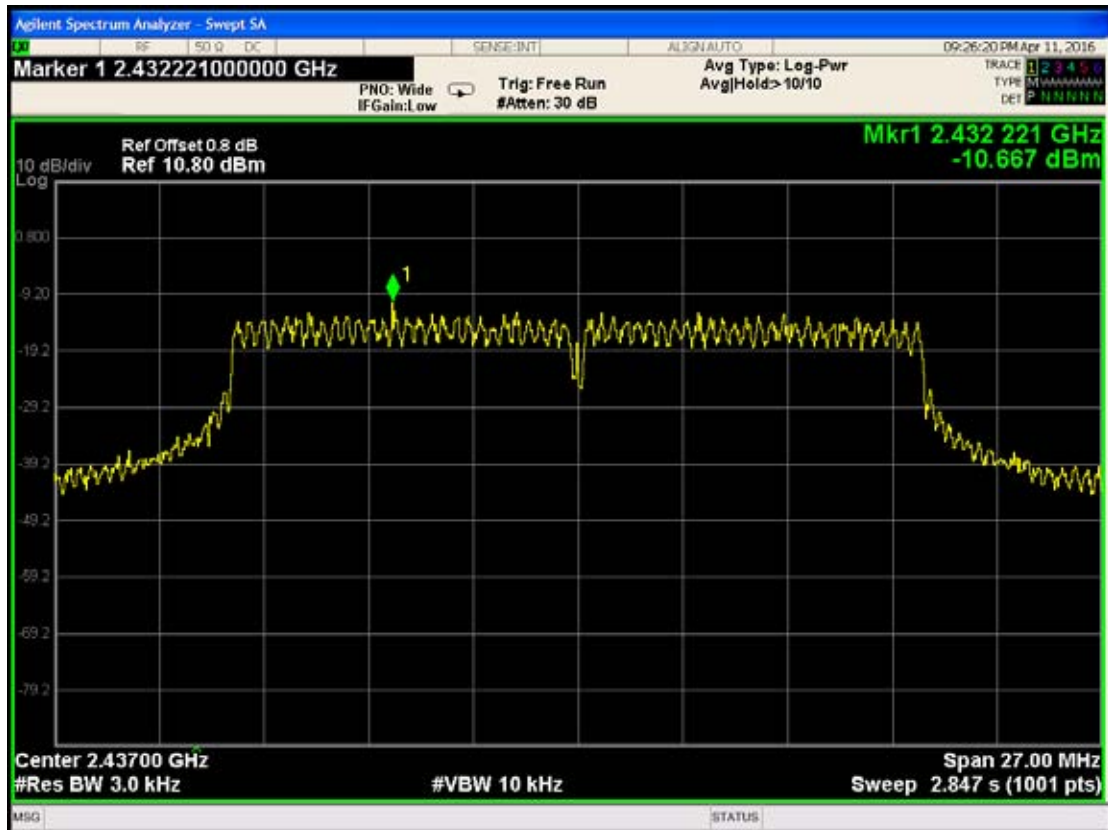


7.4.3. 802.11n HT20

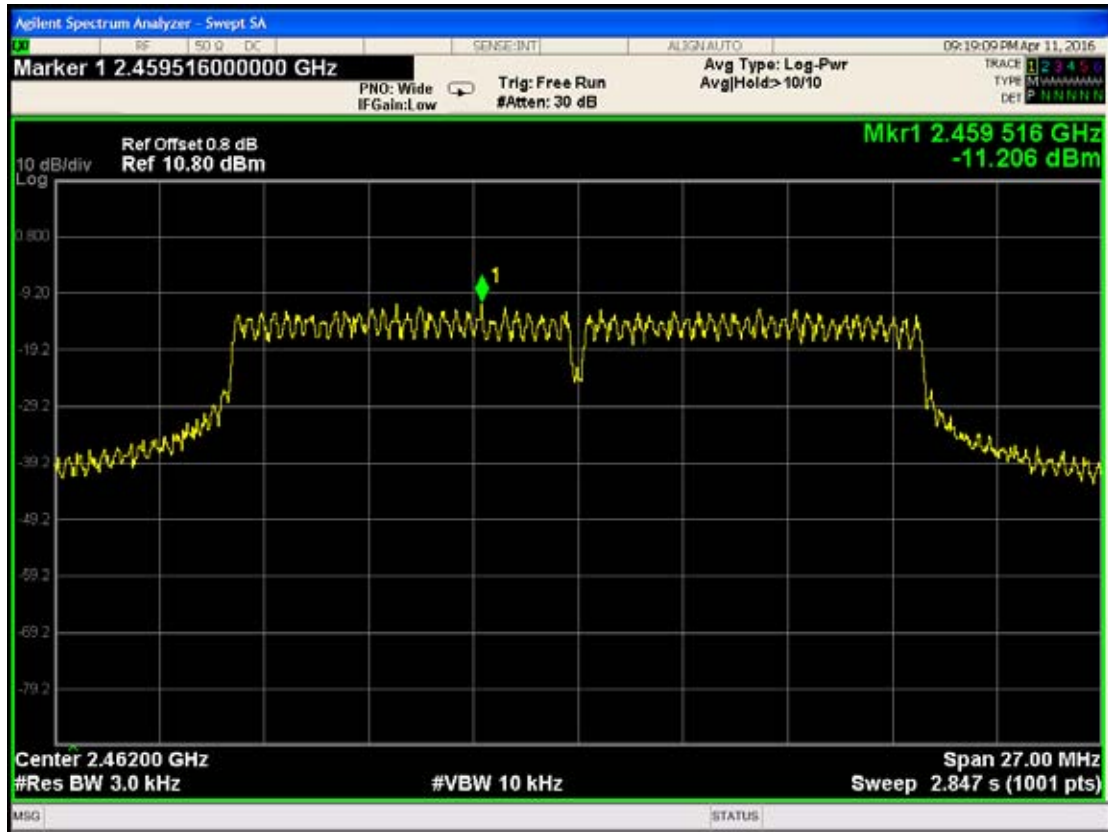
CH 1



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	802.99	-44.481
		599.97	-59.235
		2410.50	5.450
		1607.95	-49.526
		4823.95	-54.020
		3744.80	-54.366
		5134.50	-55.702
		5798.05	-55.864
		8141.85	-55.693
		7300.85	-55.807
		9728.55	-56.180
		10340.95	-56.635
		11382.85	-56.125
		12563.30	-56.219
		13608.30	-54.683
		13694.20	-54.916
		16051.35	-55.288
		15757.05	-55.598
		18975.35	-54.079
		18230.35	-54.134
		19214.70	-53.450
		19825.05	-53.809
		22739.05	-51.853

		21983.15	-51.993
		24213.85	-52.326
		23658.60	-52.577
		828.55	-60.484
		521.79	-61.350
	6	810.80	-45.076
		599.97	-59.286
		2435.50	5.425
		1624.65	-49.835
		3249.30	-52.491
		4873.95	-54.922
		5939.25	-56.201
		6746.75	-57.322
		8879.45	-55.267
		7609.25	-56.060
		10631.20	-55.262
		9695.05	-55.621
		11101.30	-55.727
		12377.80	-56.078
		14447.15	-55.332
		13186.35	-56.424
		15487.05	-54.688
		16052.35	-55.975
		18845.35	-52.676
		18087.25	-54.453
		19441.70	-53.248
		20354.15	-54.457
		22173.25	-52.390
		21506.15	-53.174
		24462.70	-52.420
		23912.60	-52.717
		933.56	-60.334
		152.07	-61.390
	11	2463.00	5.390
		1641.35	-48.948
		3282.65	-51.309
		4923.95	-52.246
		5060.15	-55.453
		6414.20	-57.413
		8447.35	-55.363
		7212.65	-55.823
		9847.90	-52.863
		10598.35	-55.945
		12266.80	-56.337
		11326.40	-56.294
		14120.35	-54.920
		14747.55	-55.401
		16122.05	-55.314
		16470.45	-55.964
		18417.65	-53.363
		17949.95	-55.965
802.11b			

		19249.45	-52.320
		19938.25	-54.109
		22678.25	-52.312
		22371.80	-52.414
		23659.60	-52.717
		24204.35	-52.733
		877.15	-60.135
		183.79	-61.711
802.11g	1	809.25	-47.979
		599.97	-57.945
		2407.60	1.108
		3737.90	-54.503
		5134.75	-55.889
		6383.45	-56.662
		8233.35	-55.704
		7673.90	-56.464
		10689.60	-55.574
		10508.20	-56.323
		11806.60	-56.068
		12313.30	-56.770
		13679.45	-55.242
		14440.20	-55.189
		15094.10	-54.950
		15955.10	-55.617
		18791.75	-53.110
		17710.20	-54.308
		19137.15	-53.617
		20685.30	-54.325
		21927.50	-52.878
		22528.70	-52.819
		24165.00	-52.494
		24629.55	-53.043
		909.35	-60.357
		809.93	-59.969
	6	810.07	-48.523
		599.92	-58.439
		2442.00	1.038
		1624.66	-46.594
		3249.30	-52.989
		4223.45	-55.758
		5167.90	-55.590
		6223.80	-56.673
		8496.75	-54.901
		7316.55	-55.941
		9027.10	-55.492
		10162.05	-56.496
		11628.15	-56.196
		12632.20	-56.319
		14065.70	-55.515
		13600.45	-56.837
		15113.05	-55.148

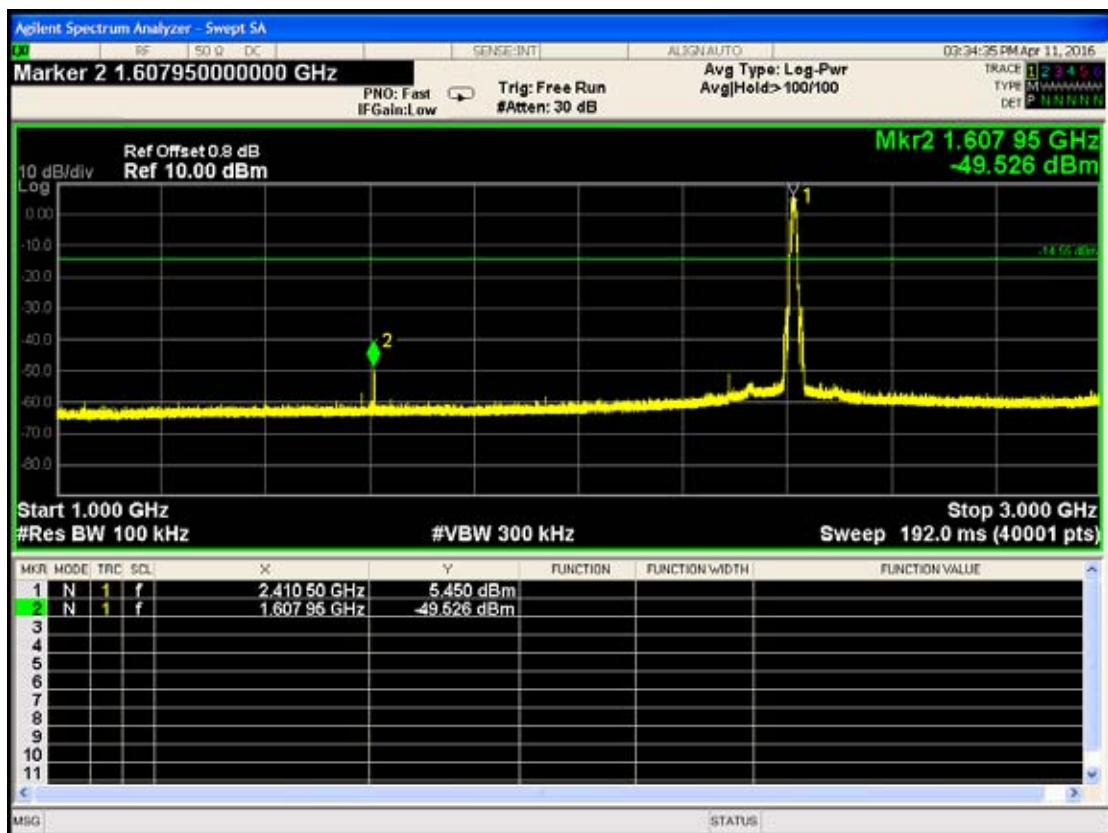
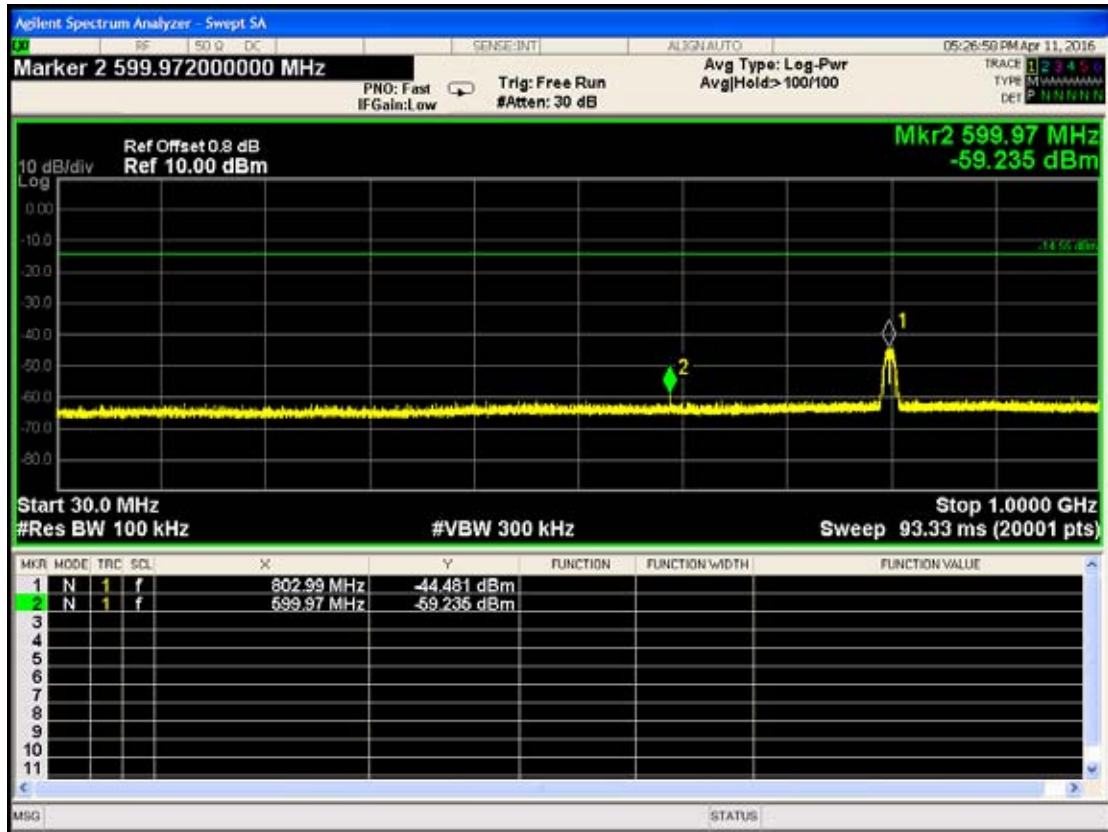
		16582.75	-55.711
		18860.80	-53.284
		17385.70	-54.414
		19135.65	-53.282
		20327.25	-54.204
		21940.80	-52.480
		22717.60	-52.948
		23693.00	-51.994
		24432.75	-52.101
		894.12	-60.450
		845.87	-60.351
	11	815.65	-49.087
		600.02	-58.540
		2456.00	0.716
		1641.30	-46.550
		3282.65	-50.852
		4609.80	-55.728
		5149.35	-55.700
		5737.60	-56.033
		8991.00	-55.507
		8063.50	-55.675
		10043.55	-56.390
		9524.15	-56.489
		11491.10	-56.245
		11949.85	-56.259
		14455.70	-55.197
		14088.05	-55.516
		15242.05	-54.720
		15853.90	-55.565
		18999.35	-53.659
		18405.50	-53.990
		19212.00	-53.320
		20475.45	-54.174
		22002.35	-52.927
		22752.55	-52.934
		23686.90	-52.304
		24898.60	-52.686
		521.87	-60.094
		761.04	-61.992
802.11n HT20	1	849.26	-60.297
		364.94	-63.691
		2412.90	-0.788
		1608.00	-48.342
		3215.95	-53.121
		3831.65	-54.994
		5120.55	-53.863
		5934.40	-57.055
		8889.95	-55.343
		8439.35	-55.835
		10505.20	-56.012
		10077.50	-56.069

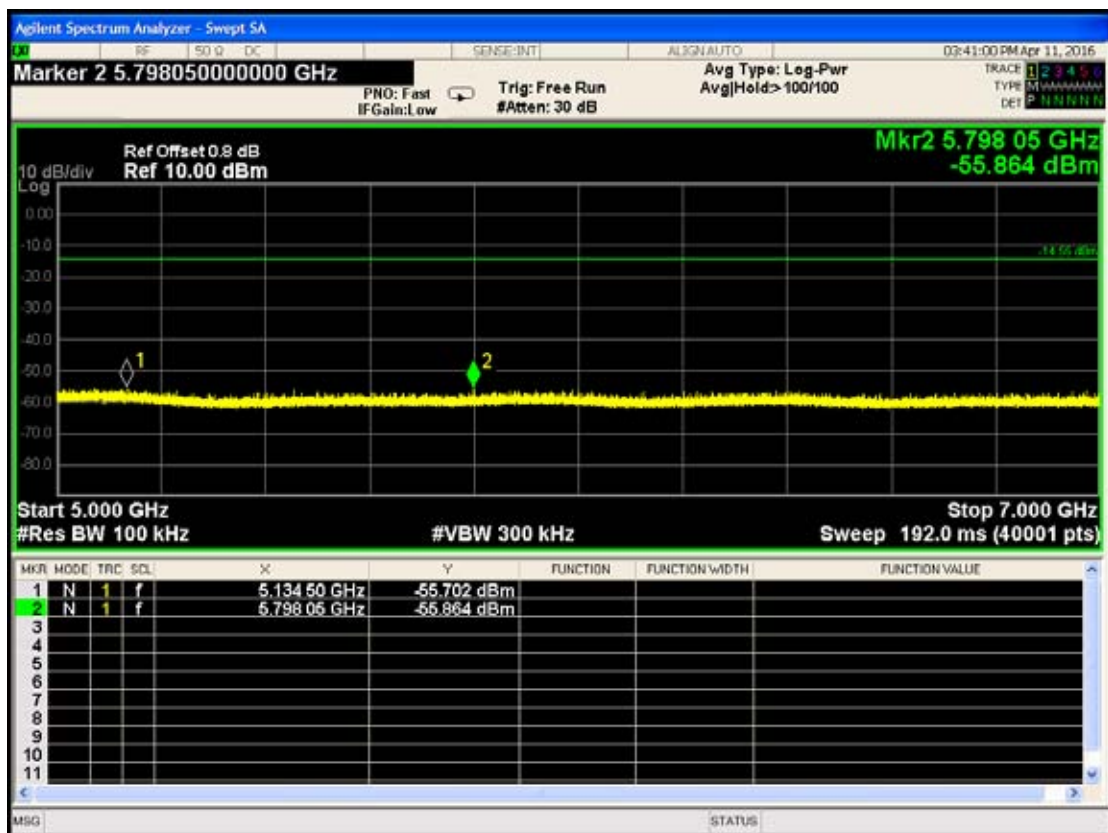
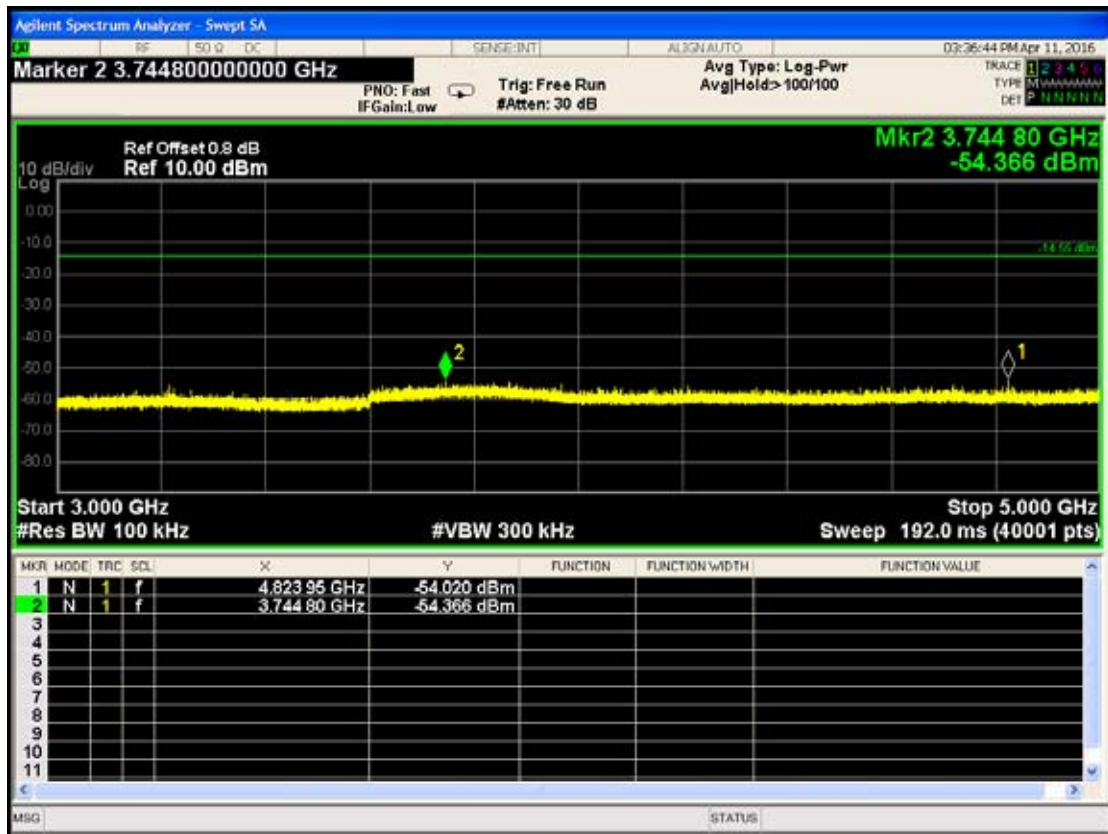
		11120.65	-56.458
		11652.30	-56.543
		14902.00	-55.376
		13603.95	-55.397
		15660.50	-55.778
		15245.55	-55.947
		18446.50	-53.525
		18836.65	-53.561
		19546.25	-53.445
		20235.96	-54.709
		22301.00	-52.469
		21593.65	-53.867
		23860.80	-52.494
		24236.45	-52.953
	6	818.76	-50.809
		600.02	-58.862
		2431.35	-0.929
		1624.66	-48.040
		3249.30	-50.563
		4266.65	-55.802
		5041.50	-55.747
		5860.30	-56.568
		8199.15	-55.704
		7242.40	-56.670
		10674.05	-56.194
		9331.20	-55.851
		12663.05	-55.676
		12254.00	-56.309
		13843.10	-55.117
		13175.65	-56.374
		15881.15	-55.189
		15231.55	-59.407
		18952.30	-53.521
		17445.40	-54.554
		19054.90	-53.357
		20612.20	-54.720
		21938.50	-52.597
		22835.30	-52.648
		23527.95	-52.427
		24811.10	-52.517
		871.52	-60.152
		399.96	-60.094
802.11n HT20	11	822.927	-51.352
		599.972	-58.176
		2468.50	-1.091
		1641.35	-47.707
		3282.65	-49.957
		4695.80	-55.654
		5883.30	-55.493
		6437.30	-56.753
		8442.40	-55.757

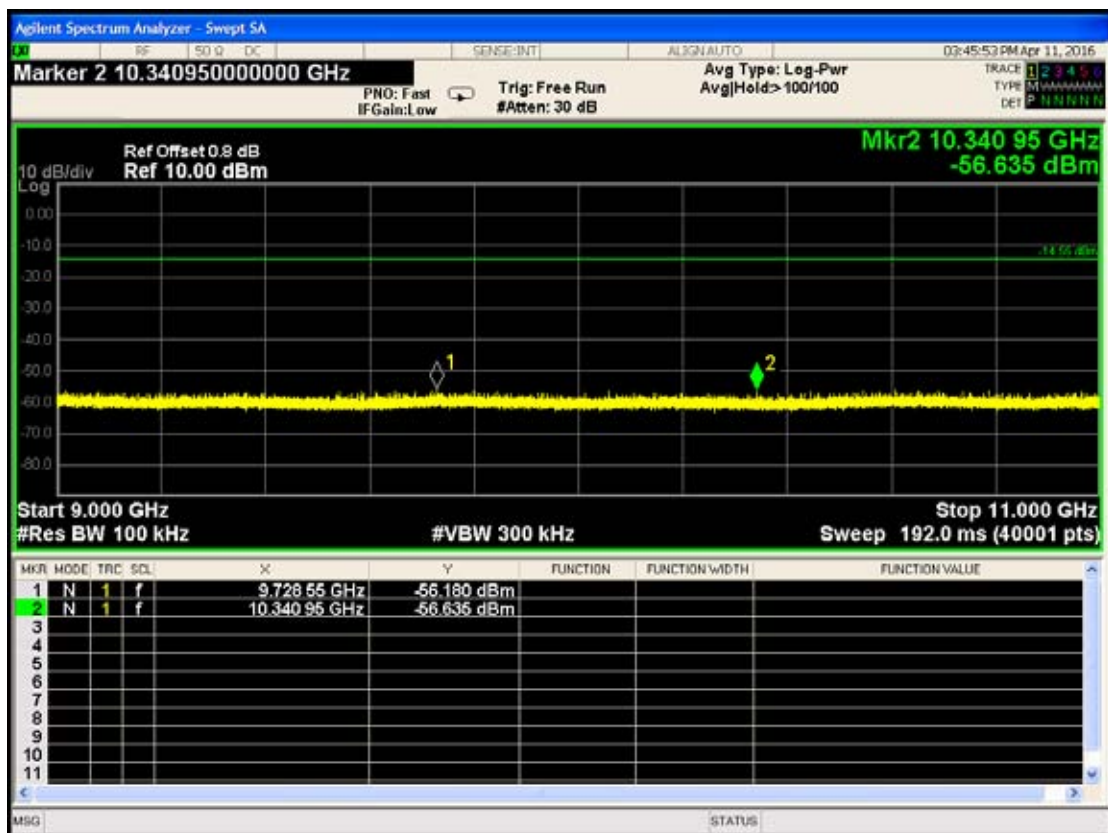
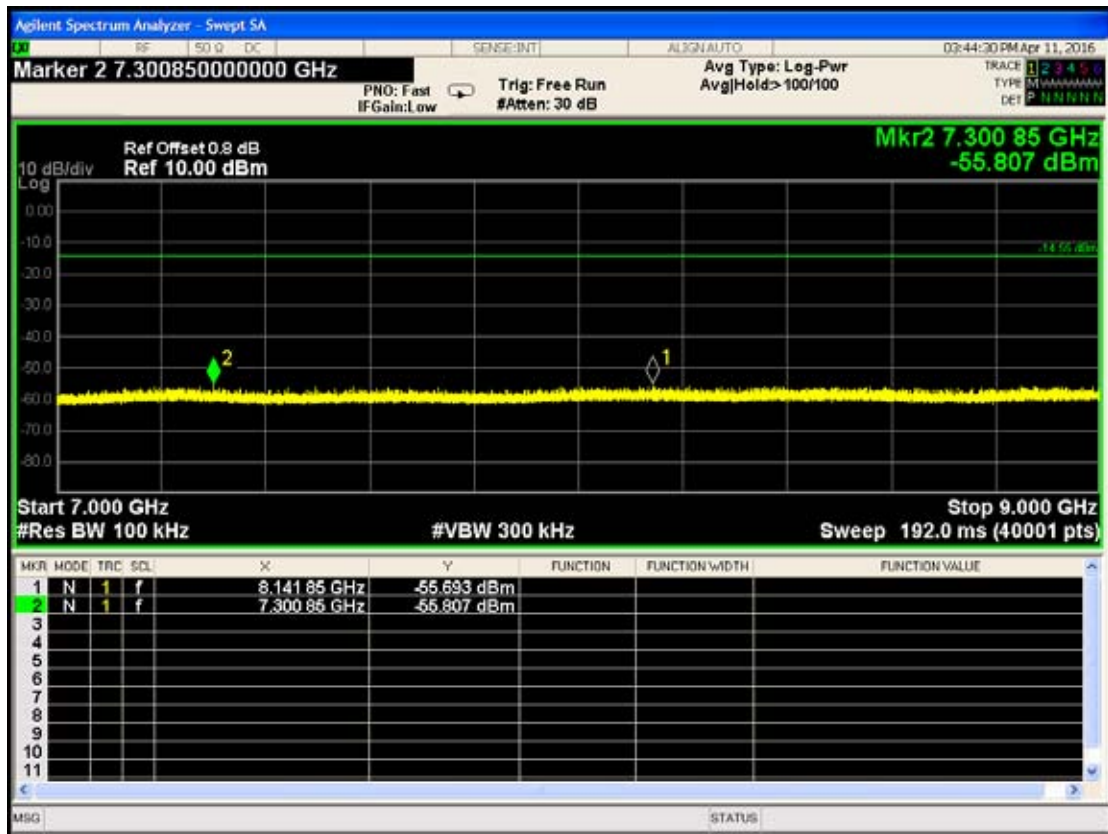
		7677.35	-56.692
		10650.70	-55.898
		9511.00	-56.637
		11101.35	-55.627
		12281.45	-56.173
		13947.20	-54.516
		13527.55	-56.844
		16501.90	-55.258
		15676.60	-55.591
		18956.85	-54.058
		18373.75	-54.069
		19254.20	-53.196
		20166.00	-54.602
		22264.35	-52.925
		21337.85	-53.771
		24546.55	-51.654
		23668.60	-52.442
		849.990	-59.678
		305.626	-61.453

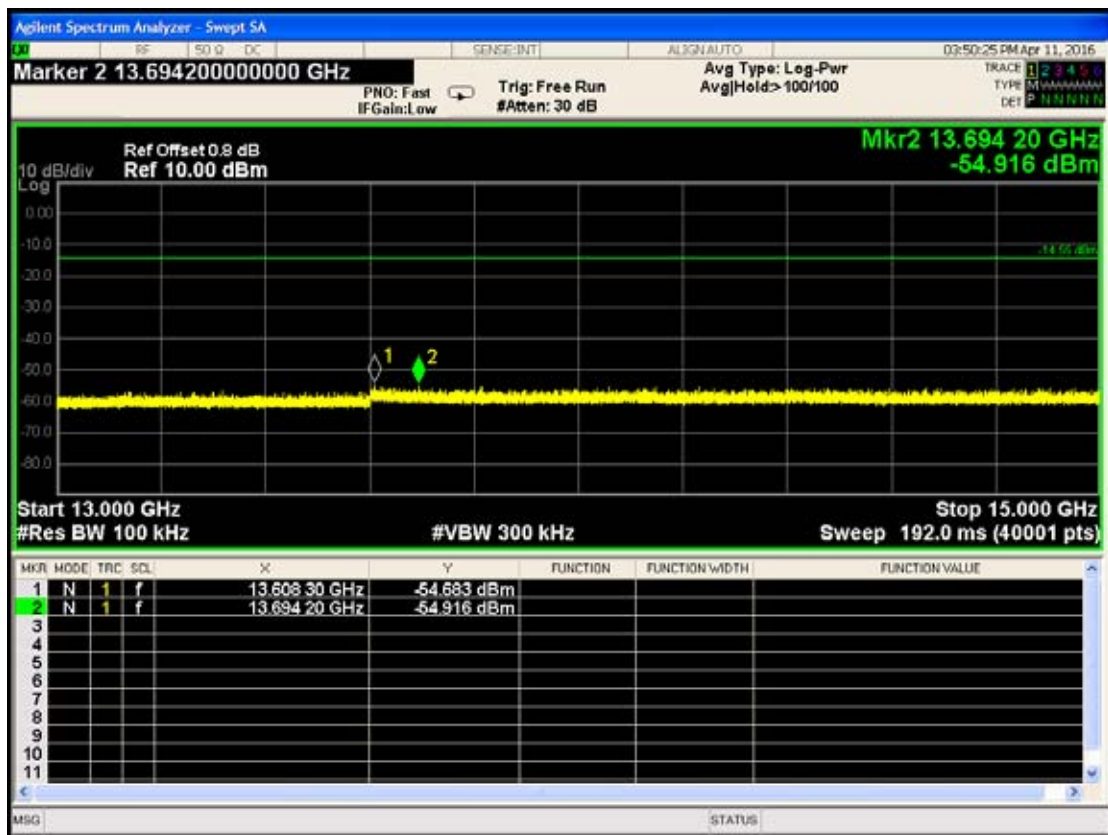
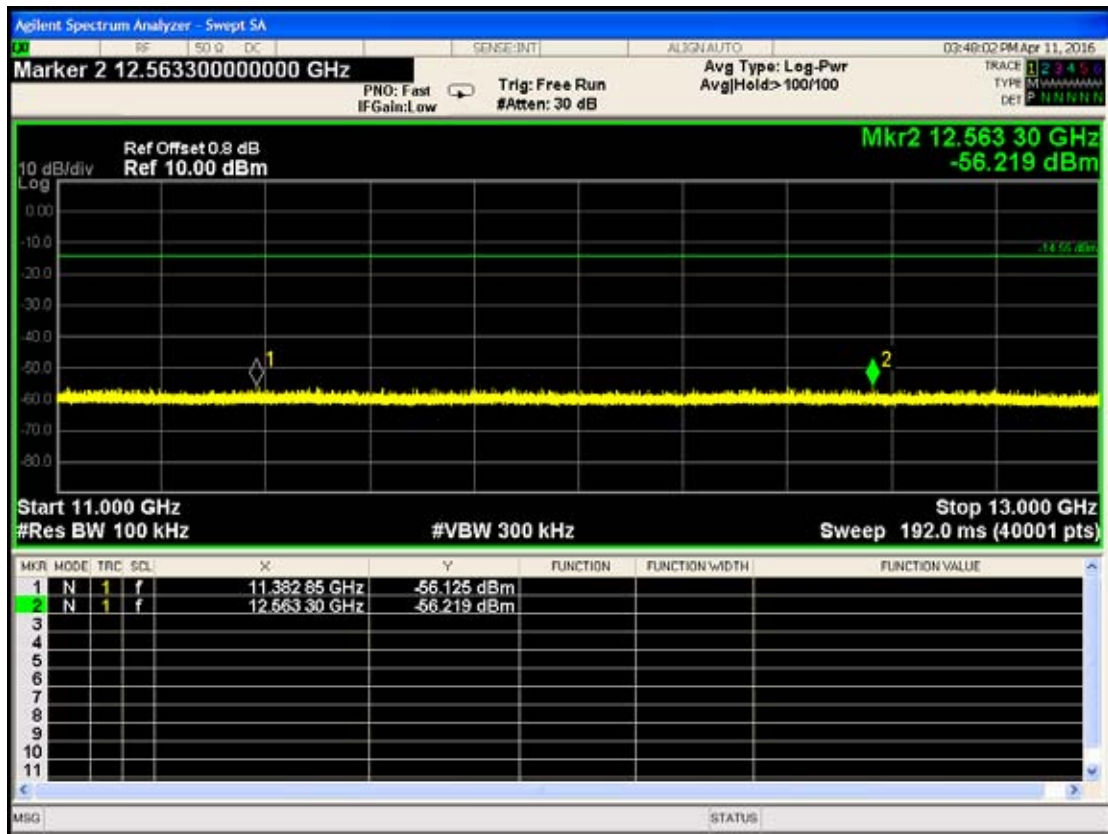
8.4.1. 802.11b

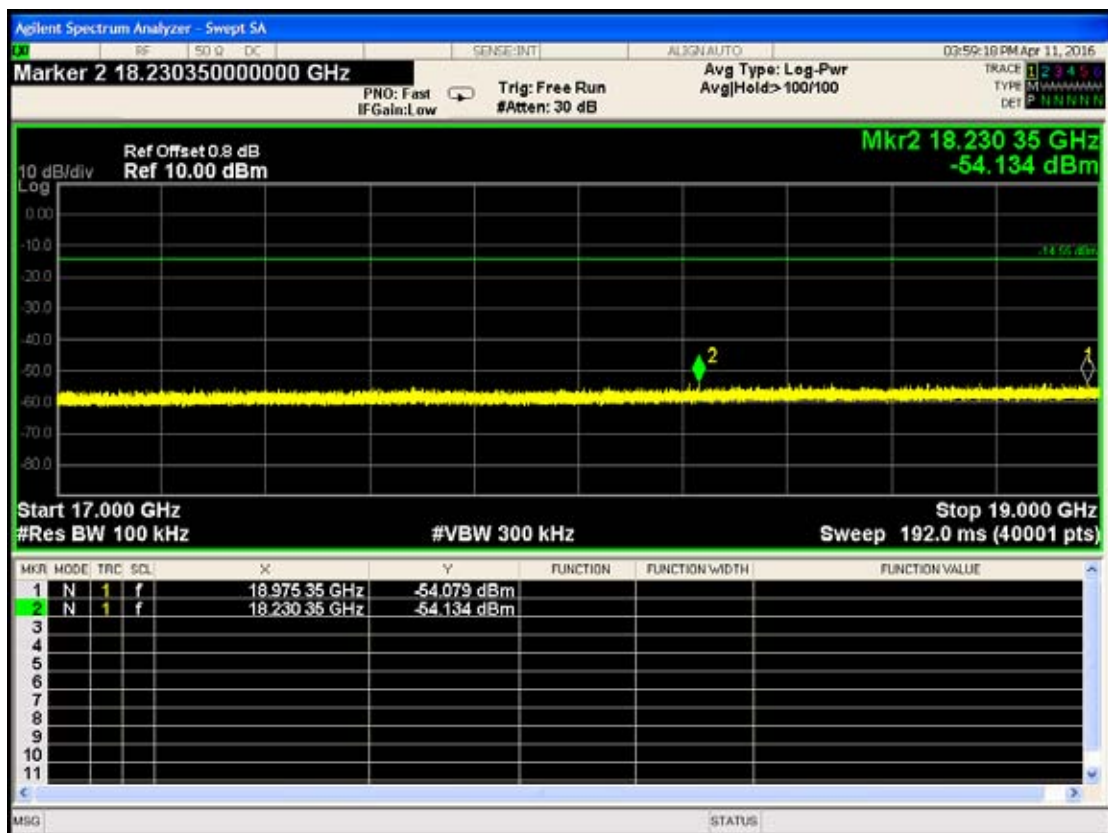
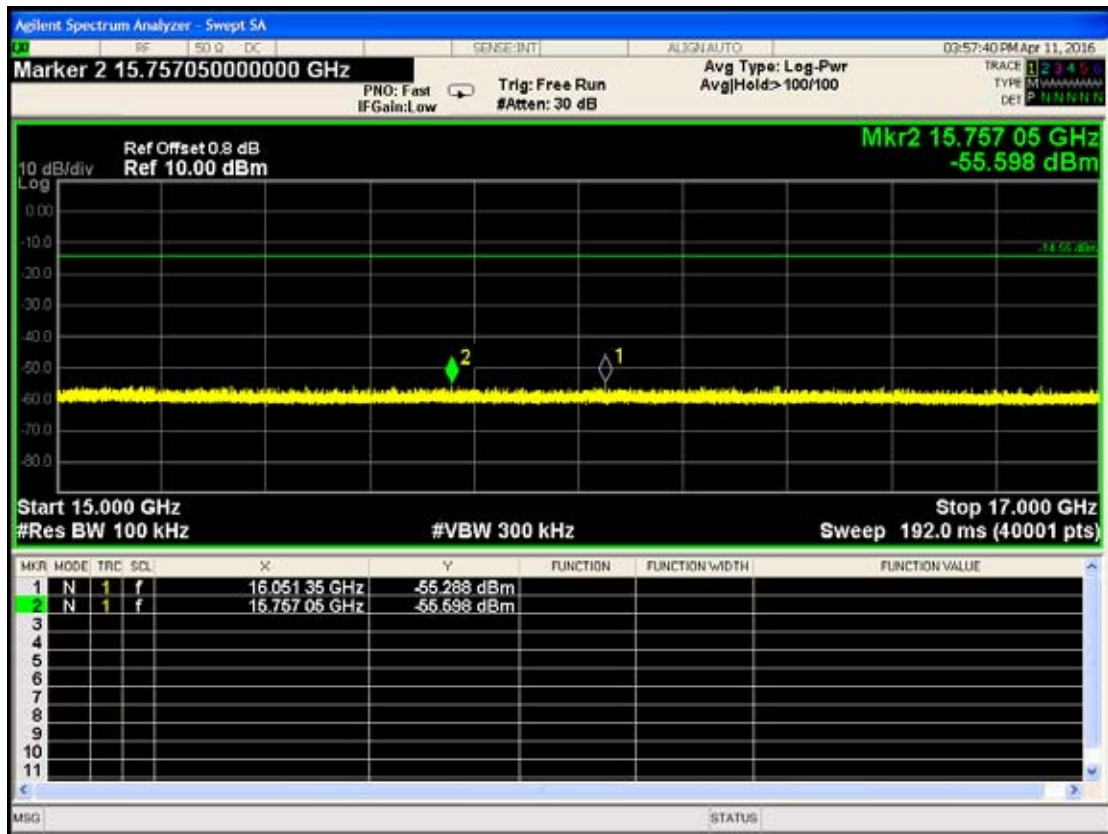
CH 1

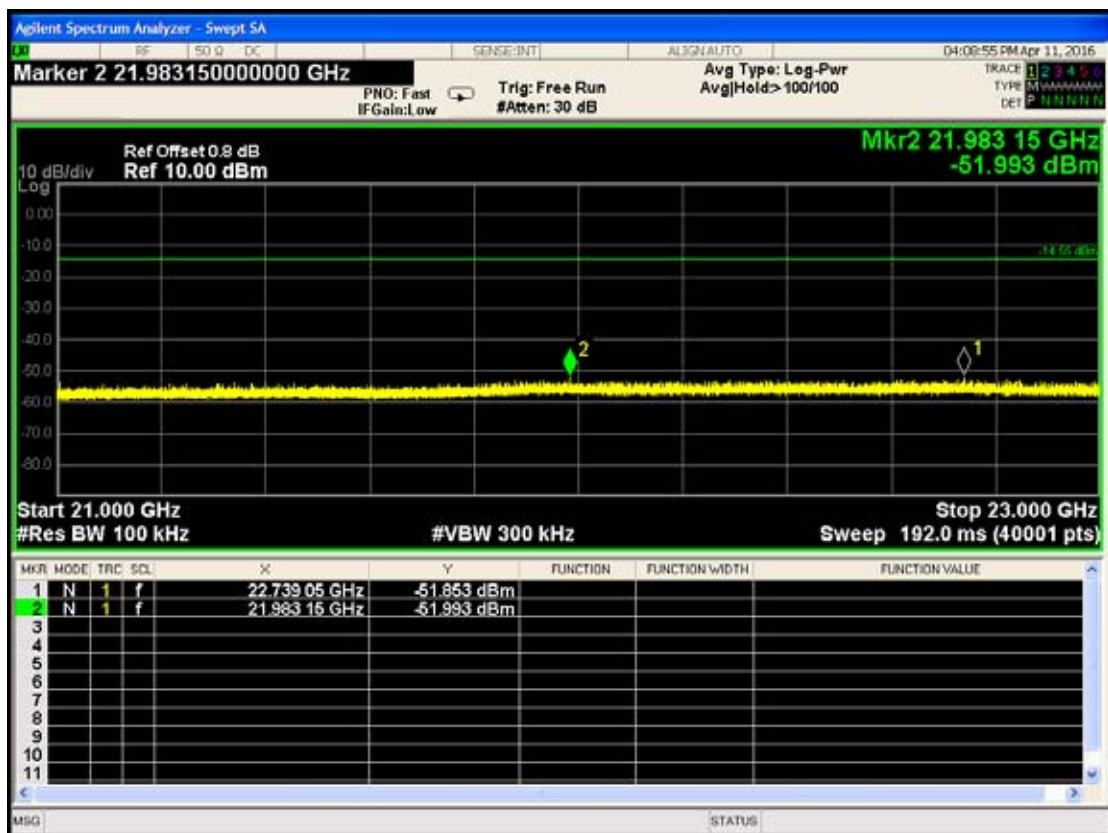
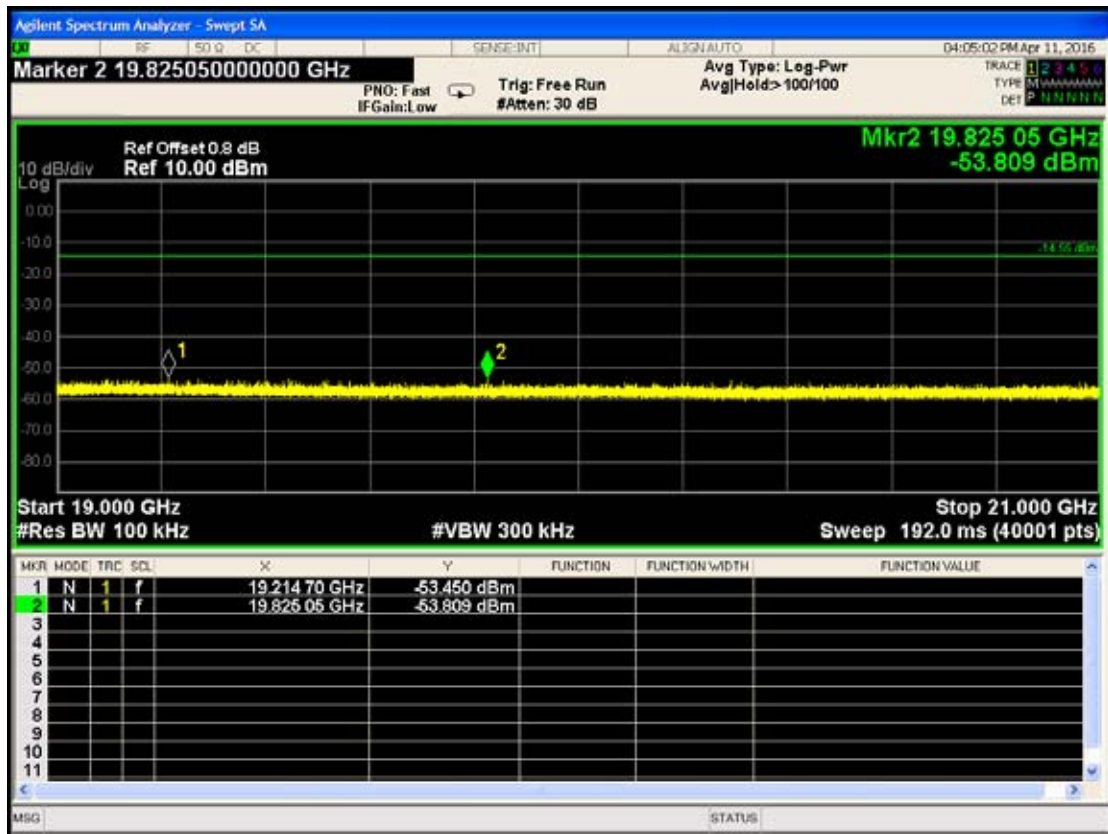


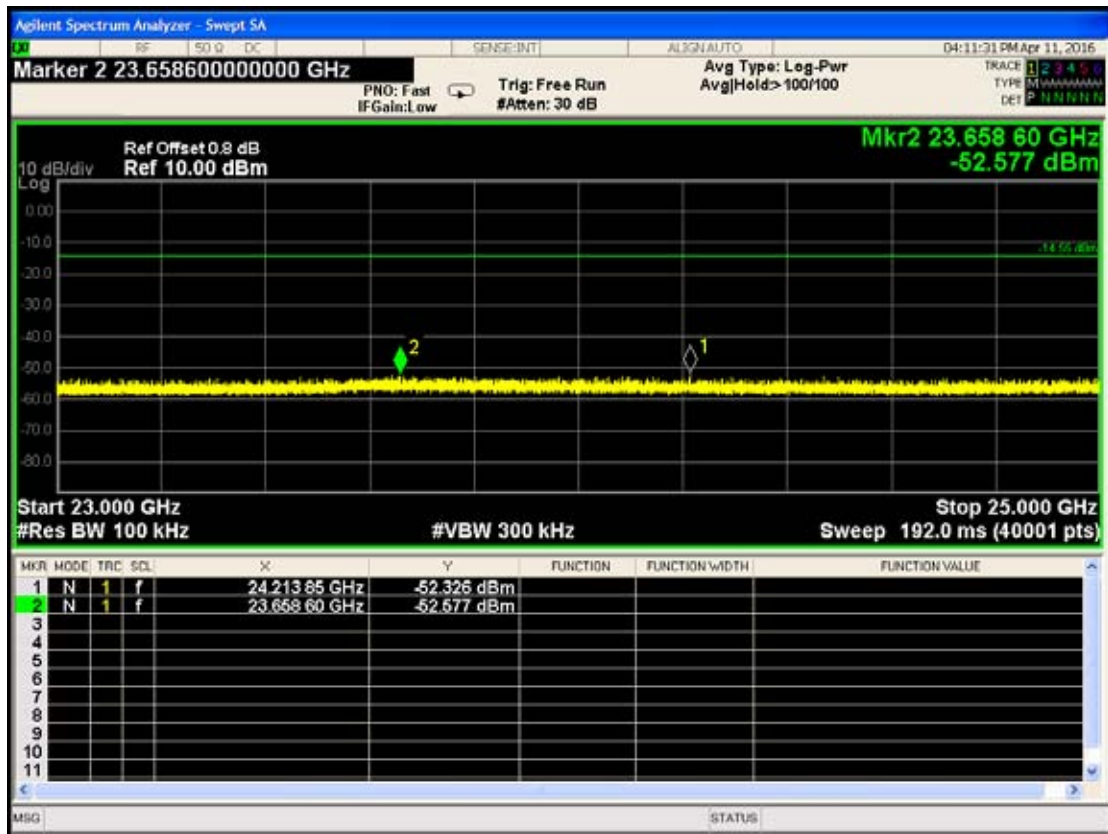












CH 6

