APPLICATION FOR CERTIFICATION
On Behalf of
Texas Instruments Incorporated
TI-Nspire CX Wireless Network Adapter v2

Model No. : TINAVWNA2
Brand : TEXAS INSTRUMENTS
FCC ID : V7R-TINAVWNA2

Prepared for

Texas Instruments Incorporated
12500 TI Boulevard Dallas, TX 75243-4136 USA

Prepared by

Audix Technology (Wujiang) Co., Ltd. EMC Dept.
No. 1289 Jiangxing East Road, the Part of Wujiang Economic Development Zone
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Report Number : ACWE-F1305001
Date of Test : Apr.14~24, 2013
Date of Report : May 10, 2013

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TEST REPORT CERTIFICATION

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

Applicable Standards:

FCC RULES AND REGULATIONS PART 15 SUBPART C, Oct. 2012
ANSI C63.10-2009
KDB 558074 D01 DTS Meas Guidance v03

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 15.205, 15.207, 15.209 & 15.247 limits.

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

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

Date of Test: Apr.14~24, 2013 Date of Report: May 10, 2013

Prepared by : Emma Hu
(Emma Hu/Assistant Administrator)

Reviewer : Jingo Lin
(Jingo Lin/Section Manager)

Approved & Authorized Signer : Allen Wang
(Allen Wang/ Deputy General Manager)

1. SUMMARY OF MEASUREMENTS AND RESULTS

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

Description of Test Item	Standard	Results
CONDUCTED EMISSION	FCC 47 CFR Part 15 Subpart C/ Section 15.207 ANSI C63.10	PASS
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
MAXIMUM PEAK 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

Note: The EUT was pre-tested in three orthogonal planes for radiated measurements, the worst emission level was found in lying mode**.** Therefore only the test data of the mode were recorded in this report individually.

2. GENERAL INFORMATION

2.1. Description of Device (EUT)

Description	:	TI-Nspire CX Wireless Network Adapter v2
Model No.	:	TINAVWNA2
FCC ID	:	V7R-TINAVWNA2
Brand	:	TEXAS INSTRUMENTS
Applicant	:	Texas Instruments Incorporated 12500 TI Boulevard Dallas, TX 75243-4136 USA
Manufacturer	:	Inventec Appliances(Pudong) Corporation No. 789 Pu Xing Road, Shanghai, PRC
Radio Technology	:	DSSS &OFDM
Antenna Gain	:	1.5dBi
Type of Network		IEEE 802.11a/b/g/n HT20
Fundamental Range	:	2400 MHz -2483.5MHz 5150 MHz -5250 MHz 5725 MHz -5825 MHz
Tested Frequency	:	2412MHz (Channel 1) 2437MHz (Channel 6) 2462MHz (Channel 11) 5745MHz (Channel 149) 5785MHz (Channel 157) 5825MHz (Channel 165)
Date of Receipt of Sample	:	Apr.07, 2013
Date of Test	:	Apr.14~24, 2013

2.2. UUT's Configuration

Test UUT	:	UUT×1

2.3. Description Test Configuration

Configuration 1: WM-5G (UUT) + NSC(2.4GHz transfer data) + Hidden (LAP5 + Laptop + USB Cable)
Configuration 2: WM-5G (UUT) + NSC+ Adapter(2.4GHz transfer data) + Hidden (LAP5 + Laptop + USB Cable)
Configuration 3: WM-5G (UUT) + NSC(5GHz transfer data) + Hidden (LAP5 + Laptop + USB Cable)
Configuration 4: WM-5G (UUT) + NSC+ Adapter(5GHz transfer data) + Hidden (LAP5 + Laptop + USB Cable)

2.4. Operating Condition of EUT

2.4.1. Set up the EUT as test setup diagram.

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

2.5. Tested Supporting System Details

2.5.1. TI-nspire CX CAS (NSC)

Manufacturer	:	TI
Brand	:	TEXAS INSTRUMENTS

2.5.2. TI-nspire CX Navigator Access point

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

2.5.3. 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.

2.6. 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 10m semi-anechoic chamber** Date of Validity: May. 22, 2015 FCC Registration No.**:** 252588 **No.1 3m semi-anechoic chamber** Date of Validity: May. 23, 2015 FCC Registration No.**:** 897661
NVLAP Lab Code	:	200786-0 (NVLAP is a NATA accredited body under Mutual Recognition Agreement) Valid until on Sep.30, 2013

2.7. Measurement Uncertainty

Test Item	Range Frequency	Uncertainty
Conducted Disturbance Measurement	0.15MHz ~ 30MHz	± 2.36dB
Radiated Disturbance Measurement (At 10m Chamber)	30MHz ~ 1000MHz	± 3.06dB (Horizontal)
		± 3.10dB (Vertical)
Radiated Disturbance Measurement (At 10m Chamber)	Above 1GHz	± 4.14dB

Remark: Uncertainty = $ku_c(y)$

Test Item	Uncertainty
6 dB Bandwidth	± 3.1×10^{-6} MHz
Maximum Peak Output Power	± 0.30dB
Band Edges	± 0.302dB
Power Spectral Density	± 0.212dB
Emission Limitations	± 0.24dB

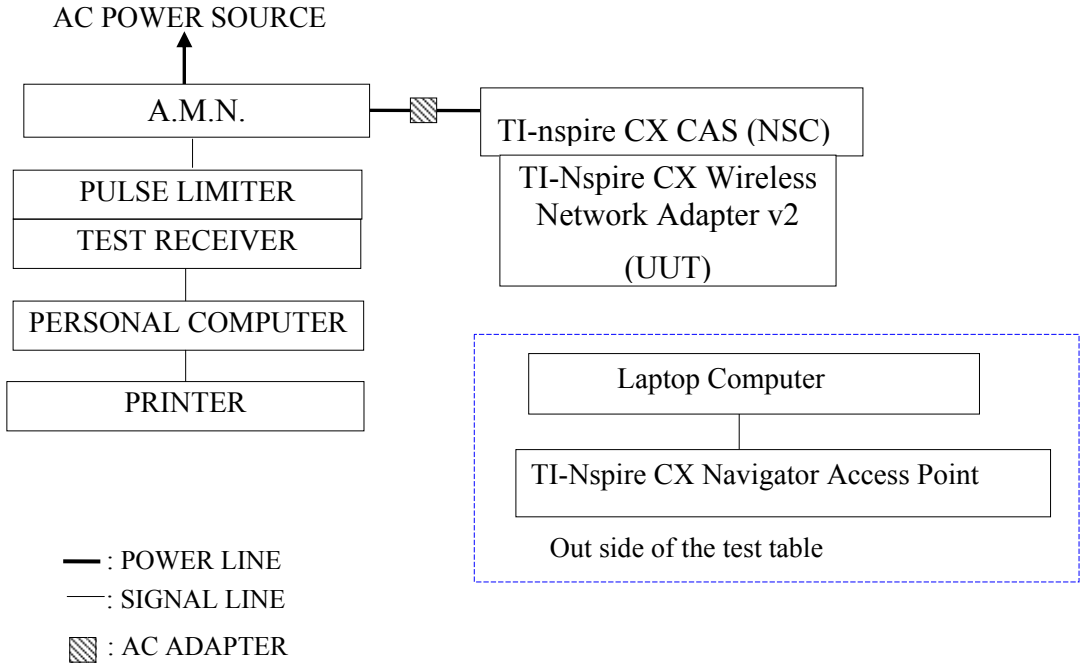
Remark: Uncertainty = $ku_c(y)$

3. CONDUCTED EMISSION MEASUREMET

3.1. Test Equipment

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Test Receiver	R & S	ESCI	100839	2013-01-05	2014-01-04
2.	A.M.N.	R & S	ESH2-Z5	100153	2012-05-18	2013-05-17
3.	L.I.S.N	Kyoritsu	KNW-407	8-1793-3	2012-08-06	2013-08-05
4.	Pulse Limiter	AFJ	IPM-136-10 dB	PA201220003	2012-09-05	2013-09-04
5.	50Ω Terminator	Tektronis	MS4630B	001-con	2013-01-05	2014-01-04
6.	RF Cable	Harbour Industries	RG400	003	2013-03-24	2014-03-23

3.2. Block Diagram of Test Setup



3.3. Power line Conducted Emission Limit

3.3.1. Power line Conducted Emission Limit

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level	Average Level
150kHz ~ 500kHz	66 ~ 56 dBμV	56 ~ 46 dBμV
500kHz ~ 5MHz	56 dBμV	46 dBμV
5MHz ~ 30MHz	60 dBμV	50 dBμV

Remark1: If the average limit is met when using a Quasi-Peak detector, the EUT shall be deemed to meet both limits and measurement with the average detector is unnecessary.

2: The lower limit applies at the band edges.

3.4. Test Procedure

The measuring process is according to ANSI C63.10 and laboratory internal procedure TKC-301-015. (For FCC Part15 Subpart C)

In the conducted emission measurement, the EUT and all peripheral devices were set up on a non-metallic table which was 0.8 meters height above the ground plane, and 0.4 meters far away from the vertical plane. The EUT (installed in PC system) was powered by AC mains through Artificial Mains Network (A.M.N), other peripheral devices were powered by AC mains through the second Line Impedance Stabilization Network (L.I.S.N). For the measurement, the A.M.N measuring port was terminated by a 50Ω measuring equipment and the second L.I.S.N measuring port was terminated by a 50Ω resistive load. All measurements were done on the phase and neutral line of the EUT's power cord. All cables or wires placement were verified to find out the maximum emission.

The bandwidth of measuring receiver was set at 9 kHz.

The required frequency band (0.15 MHz ~ 30 MHz) was pre-scanned with peak detector, the final measurement was measured with quasi-peak detector and average detector. (If the average limit is met when using a quasi-peak detector, the average detector is necessary).

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

Emission level (dBμV) = Meter-Reading (dBμV) + A.M.N factor (dB) + Cable loss (dB).

(Cable loss include pulse limiter loss)

3.5. Conducted Emission Measurement Results

3.5.1. Conducted Emission Measurement Results (For FCC Part15 Subpart C)

PASSED.

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

EUT was performed during this section testing and all the test results are attached in next pages.

Test Date：Apr.24, 2013 Temperature：20.6℃ Humidity：42%

Mode	Test Condition	Reference Test Data No.	
		Neutral	Line
1	Test Configuration 2	# 16	# 15
2	**Test Configuration 4**	**# 18**	**※# 17**

NOTE 1- '※'means the worst test mode**.**

NOTE 2- The worst emission is detected at 0.48 MHz with emission level of 28.68 dB (μV) and with AV detector (Limit is 46.41 dB (μV)), when the Line of the EUT is connected to AMN.

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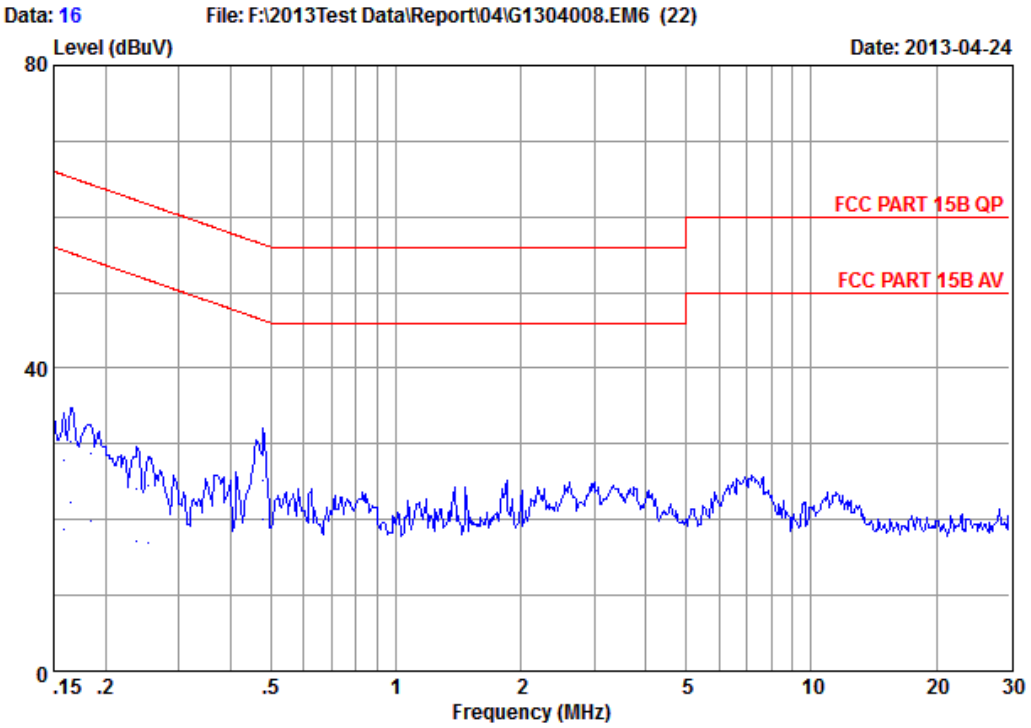

Site no.	: No.1 Conducted shielding Enclosure	Data no.	: 16
AMN/LISN	: ESH2-Z5-1205	Phase	: NEUTRAL
Limit	: FCC PART 15B QP		
Env. / Ins.	: 20.6*C&42%/ESCI	Engineer	: KM Tong
EUT	: TI-nspire CX Wireless Network Adapter v2		
M/N	: TINAVWNA2		
Power Rating	: 120Vac/60Hz		
Test mode	: Configuration2		
Memo	:		

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.16	0.17	9.86	17.91	27.94	65.52	37.58	QP
2	0.16	0.17	9.86	8.71	18.74	55.52	36.78	Average
3	0.17	0.17	9.86	20.21	30.24	65.21	34.97	QP
4	0.17	0.17	9.86	12.21	22.24	55.21	32.97	Average
5	0.18	0.17	9.87	9.80	19.84	54.30	34.46	Average
6	0.18	0.17	9.87	18.60	28.64	64.30	35.66	QP
7	0.24	0.17	9.87	14.10	24.14	62.17	38.03	QP
8	0.24	0.17	9.87	7.20	17.24	52.17	34.93	Average
9	0.25	0.18	9.86	14.40	24.44	61.66	37.22	QP
10	0.25	0.18	9.86	6.90	16.94	51.66	34.72	Average
11	0.48	0.19	9.87	15.20	25.26	56.37	31.11	QP
12	0.48	0.19	9.87	10.00	20.06	46.37	26.31	Average

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

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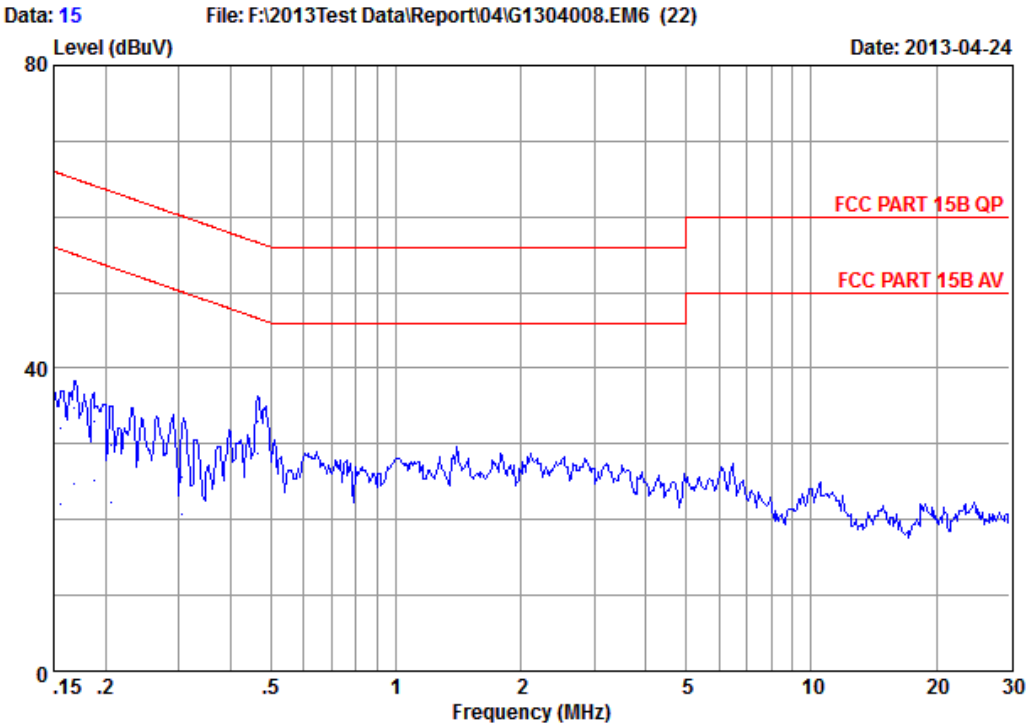

Site no.	: No.1 Conducted shielding Enclosure	Data no.	: 15
AMN/LISN	: ESH2-Z5-1205	Phase	: LINE
Limit	: FCC PART 15B QP		
Env. / Ins.	: 20.6*C&42%/ESCI	Engineer	: KM Tong
EUT	: TI-nspire CX Wireless Network Adapter v2		
M/N	: TINAVWNA2		
Power Rating	: 120Vac/60Hz		
Test mode	: Configuration2		
Memo	:		

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.16	0.23	9.86	11.90	21.99	55.67	33.68	Average
2	0.16	0.23	9.86	21.90	31.99	65.67	33.68	QP
3	0.17	0.23	9.87	24.60	34.70	65.06	30.36	QP
4	0.17	0.23	9.87	14.60	24.70	55.06	30.36	Average
5	0.19	0.24	9.87	22.80	32.91	64.17	31.26	QP
6	0.19	0.24	9.87	15.10	25.21	54.17	28.96	Average
7	0.21	0.24	9.87	12.20	22.31	53.37	31.06	Average
8	0.21	0.24	9.87	19.80	29.91	63.37	33.46	QP
9	0.31	0.27	9.86	10.50	20.63	50.08	29.45	Average
10	0.31	0.27	9.86	15.50	25.63	60.08	34.45	QP
11	0.47	0.31	9.87	18.49	28.67	46.58	17.91	Average
12	0.47	0.31	9.87	22.79	32.97	56.58	23.61	QP

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

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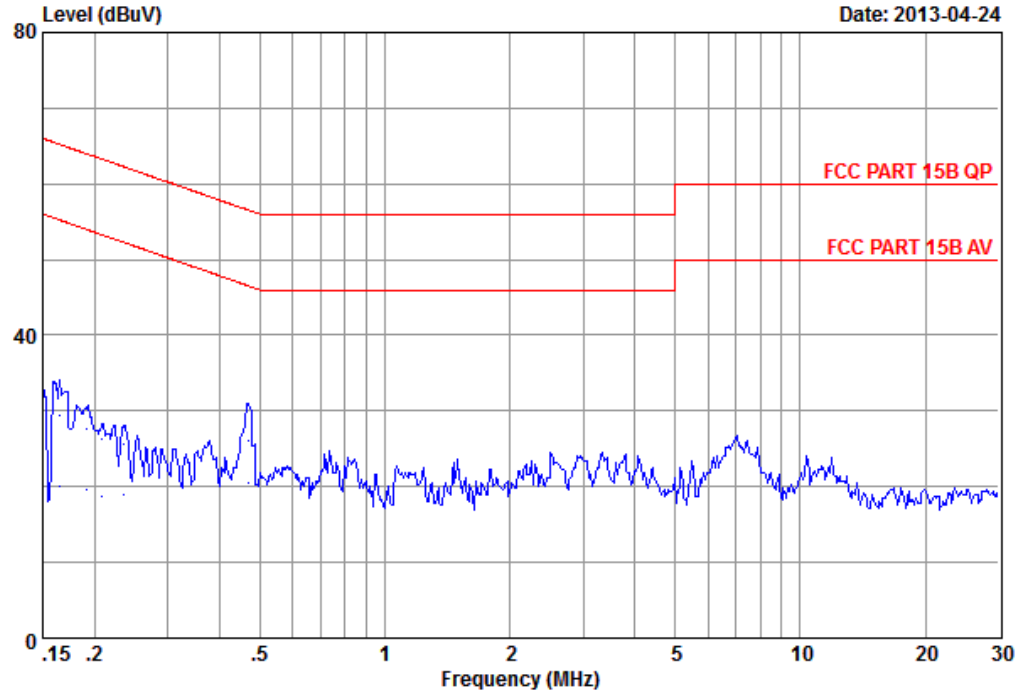

Site no.	: No.1 Conducted shielding Enclosure	Data no.	: 18
AMN/LISN	: ESH2-Z5-1205	Phase	: NEUTRAL
Limit	: FCC PART 15B QP		
Env. / Ins.	: 20.6*C&42%/ESCI	Engineer	: KM Tong
EUT	: TI-nspire CX Wireless Network Adapter v2		
M/N	: TINAVWNA2		
Power Rating	: 120Vac/60Hz		
Test mode	: Configuration4		
Memo	:		

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15	0.17	9.86	10.71	20.74	56.00	35.26	Average
2	0.15	0.17	9.86	20.81	30.84	66.00	35.16	QP
3	0.17	0.17	9.86	10.11	20.14	55.21	35.07	Average
4	0.17	0.17	9.86	19.41	29.44	65.21	35.77	QP
5	0.19	0.17	9.87	9.50	19.54	53.95	34.41	Average
6	0.19	0.17	9.87	17.60	27.64	63.95	36.31	QP
7	0.21	0.17	9.87	16.30	26.34	63.28	36.94	QP
8	0.21	0.17	9.87	8.60	18.64	53.28	34.64	Average
9	0.24	0.17	9.87	9.00	19.04	52.24	33.20	Average
10	0.24	0.17	9.87	15.50	25.54	62.24	36.70	QP
11	0.47	0.19	9.87	16.00	26.06	56.55	30.49	QP
12	0.47	0.19	9.87	10.50	20.56	46.55	25.99	Average

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

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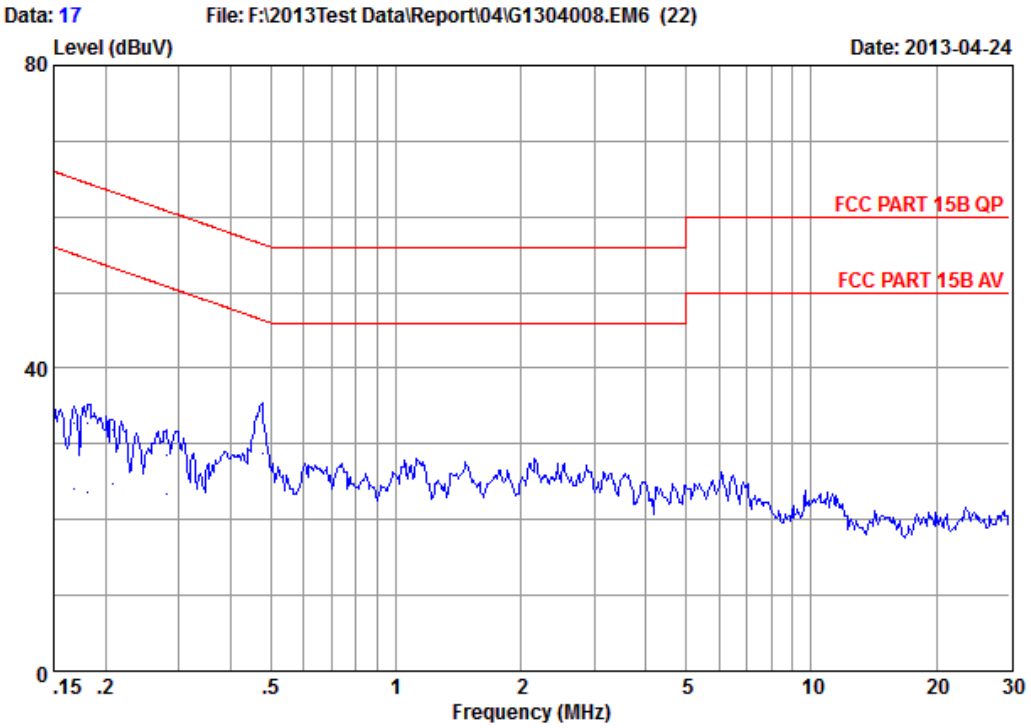


Site no.	: No.1 Conducted shielding Enclosure	Data no.	: 17
AMN/LISN	: ESH2-Z5-1205	Phase	: LINE
Limit	: FCC PART 15B QP		
Env. / Ins.	: 20.6*C&42%/ESCI	Engineer	: KM Tong
EUT	: TI-nspire CX Wireless Network Adapter v2		
M/N	: TINAVWNA2		
Power Rating	: 120Vac/60Hz		
Test mode	: Configuration4		
Memo	:		

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15	0.23	9.86	13.50	23.59	56.00	32.41	Average
2	0.15	0.23	9.86	23.40	33.49	66.00	32.51	QP
3	0.17	0.23	9.87	22.70	32.80	65.06	32.26	QP
4	0.17	0.23	9.87	13.90	24.00	55.06	31.06	Average
5	0.18	0.24	9.87	13.59	23.70	54.49	30.79	Average
6	0.18	0.24	9.87	22.69	32.80	64.49	31.69	QP
7	0.21	0.24	9.87	21.80	31.91	63.28	31.37	QP
8	0.21	0.24	9.87	14.60	24.71	53.28	28.57	Average
9	0.28	0.27	9.86	13.20	23.33	50.82	27.49	Average
10	0.28	0.27	9.86	18.40	28.53	60.82	32.29	QP
11	0.48	0.31	9.87	18.50	28.68	46.41	17.73	Average
12	0.48	0.31	9.87	23.20	33.38	56.41	23.03	QP

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

4. RADIATED EMISSION MEASUREMENT

4.1. Test Equipment

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

At 10m Semi-Anechoic Chamber

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	E7405A	MY45107028	2013-01-05	2014-01-04
2.	Spectrum Analyzer	Agilent	E7405A	MY45107030	2013-01-05	2014-01-04
3.	Spectrum Analyzer	Agilent	E4447A	MY45300134	2013-01-05	2014-01-04
4.	Pre-Amplifier	Agilent	8447D	2944A10923	2012-08-14	2013-08-13
5.	Pre-Amplifier	Agilent	8447D	2944A10922	2012-08-14	2013-08-13
6.	Bi-log Antenna (Horizontal)	Schaffner	CBL6112D	22253	2012-05-04	2013-05-03
7.	Bi-log Antenna (Vertical)	Schaffner	CBL6112D	22252	2012-10-18	2013-10-17
8.	Horn Antenna	EMCO	3115	00062593	2012-05-04	2013-05-03
9.	Test Receiver	R&S	ESCI	100351	2013-01-05	2014-01-04
10.	50Ω Coaxial Switch # 1	ANRITSU	MP59B	6200547935	2013-03-24	2014-03-23
11.	50Ω Coaxial Switch # 2	ANRITSU	MP59B	6200547937	2013-03-24	2014-03-23
12.	50Ω Coaxial Switch # 3	ANRITSU	MP59B	6200547934	2013-03-24	2014-03-23
13.	Microwave amplifier	Agilent	8449B	3008A02234	2013-01-05	2014-01-04
14.	RF Cable	Yuhang	CSYH	001	2012-08-14	2013-08-13
15.	RF Cable	Yuhang	CSYH	002	2012-08-14	2013-08-13
16.	RF Cable	Yuhang	CSYH	003	2012-08-14	2013-08-13
17.	RF Cable	Yuhang	CSYH	004	2012-08-14	2013-08-13
18.	RF Cable	Yuhang	CSYH	005	2012-08-14	2013-08-13
19.	RF Cable	Yuhang	CSYH	006	2012-08-14	2013-08-13
20.	RF Cable	Yuhang	CSYH	008	2012-08-14	2013-08-13
21.	RF Cable	Yuhang	CSYH	009	2012-08-14	2013-08-13
22.	RF Cable	Huber+Suhner	SUCOFLEX 102	28571	2013-03-24	2014-03-23
23.	RF Cable	Huber+Suhner	SUCOFLEX 102	28579	2013-03-24	2014-03-23

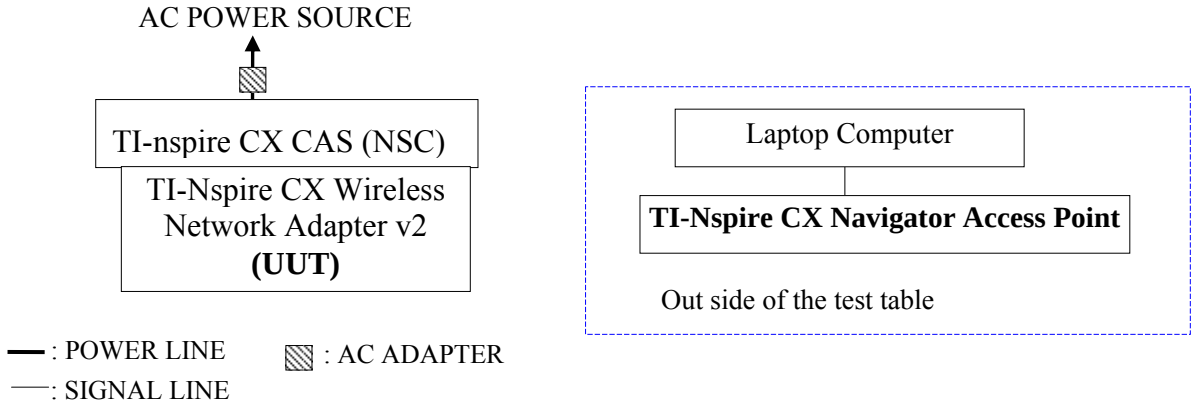
At 3m Semi-Anechoic Chamber

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Preamplifier	Agilent	8449B	2944A10921	2012-08-14	2013-08-13
2.	Spectrum Analyzer	Agilent	E4447A	MY45300136	2013-01-05	2014-01-04
3.	Bi-log Antenna	Schaffner	CBL6112D	22250	2012-08-23	2013-08-22
4.	Horn Antenna	EMCO	3115	00062960	2012-05-04	2013-05-03
5.	Horn Antenna	EMCO	3116	62641	2011-06-08	2013-06-07
6.	Test Receiver	R&S	ESCI	100361	2013-01-05	2014-01-04
7.	50Ω Coaxial Switch	Anritsu	MP59B	6200547935	2013-03-24	2014-03-23
8.	RF Cable #1	Yuhang CSYH	cable-3m	001(0.5m)	2012-08-13	2013-08-12
9.	RF Cable #2	Yuhang CSYH	cable-3m	002(0.5m)	2012-08-13	2013-08-12

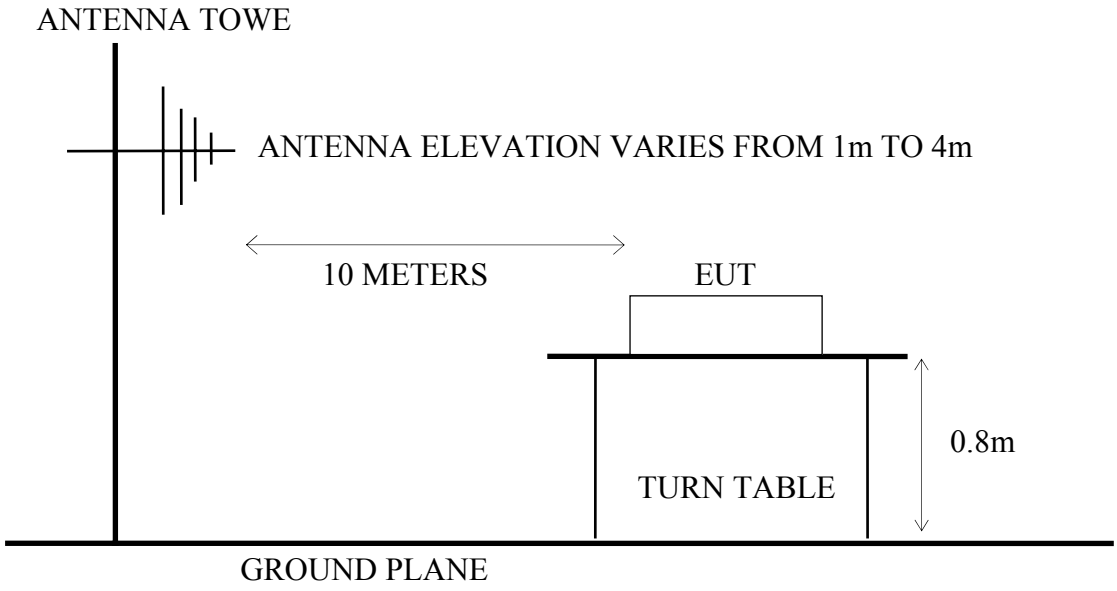
10.	RF Cable #3	Yuhang CSYH	cable-3m	003(3.0m)	2012-08-13	2013-08-12

4.2. Block Diagram of Test Setup

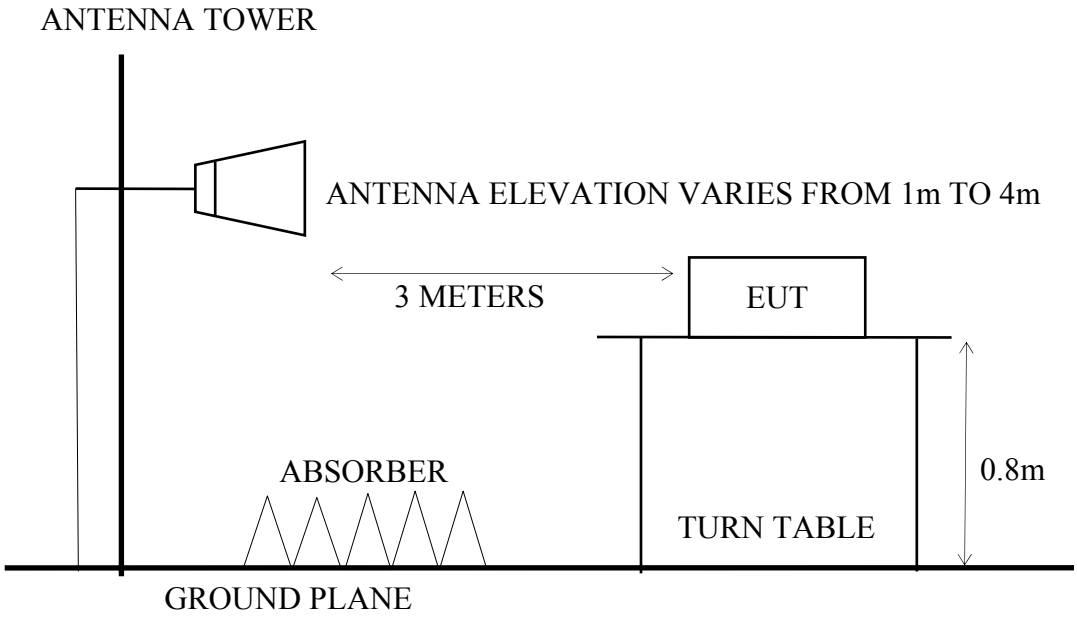
4.2.1. Block Diagram of Test Setup between EUT and simulators



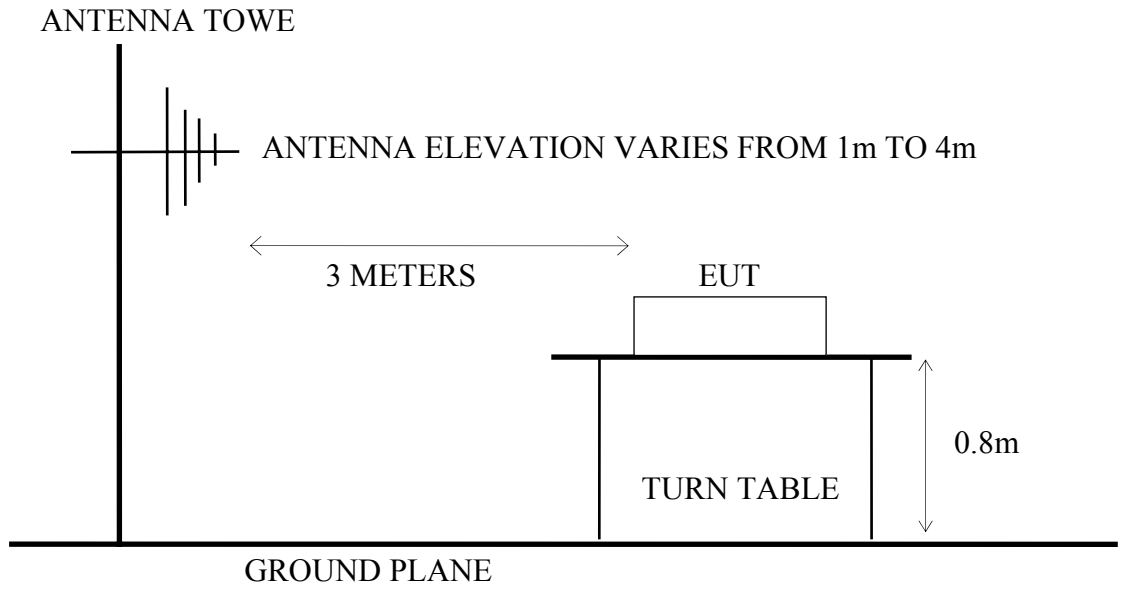
4.2.2. No. 1 10m Semi-Anechoic Chamber Setup Diagram (Test distance: 10m) for 30-1000MHz



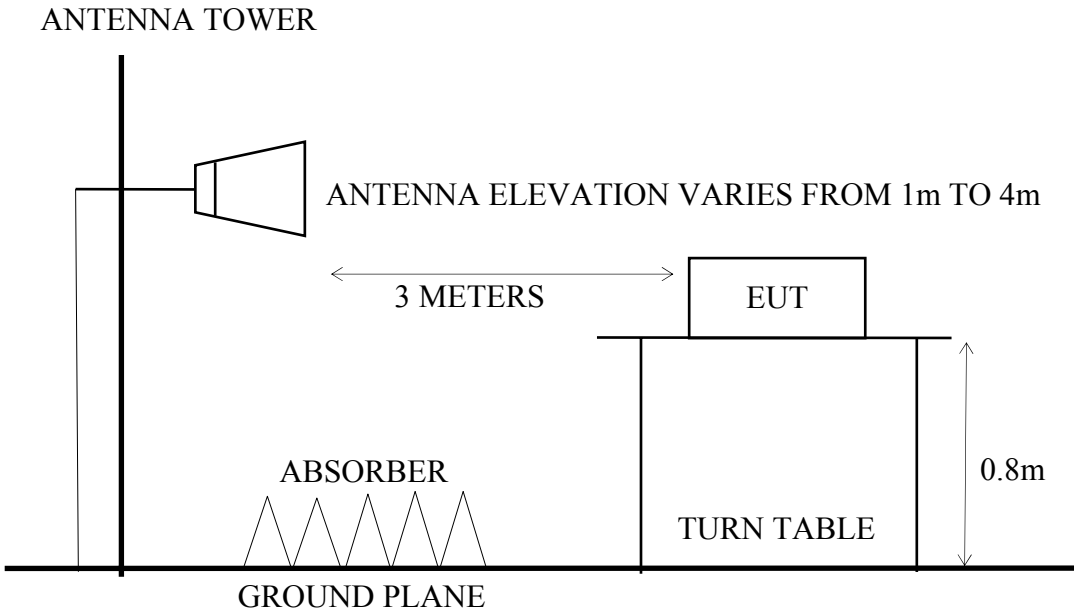
4.2.3. No. 1 10m Semi-Anechoic Chamber Setup Diagram (Test distance: 3m) for above 1GHz



4.2.4. No. 1 3m Semi-Anechoic Chamber Setup Diagram (Test distance:10m) for 30-1000MHz



4.2.5. 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 dBμV/m
30 ~ 230	10	30.0
230 ~ 1000	10	37.0
Above 1000	3	74.0 dBμV/m (Peak) 54.0 dBμV/m (Average)

Remark： (1) Emission level (dBμV/m) = 20 log Emission level (μV/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 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 Peak detector above 1GHz

The required frequency band was pre-scanned with peak detector; all final measurements were measured with quasi-peak detector below 1GHz, measured with average detector and peak detector above 1GHz.

The required frequency band (30 MHz ~ 12000 MHz) was pre-scanned with peak detector; all final measurements were measured with quasi-peak detector below 1GHz, measured with average detector and peak detector above 1GHz.

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

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

4.5. Measurement Results

PASSED

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

4.5.1. For 30MHz~1GHz

Test Date：Apr.14, 2013 Temperature：22℃ Humidity：44%

The details of test modes and reference test data are as follows：

Item	Test Condition	Reference Test Data No.	
		Horizontal	Vertical
1	Test Configuration 1	# 33	# 34
2	Test Configuration 2	# 35	# 36
3	Test Configuration 3	# 37	# 38
4	Test Configuration 4	# 39	# 40

4.5.2. For Above 1GHz

Item	Test Condition	Reference Test Data No.	
		Horizontal	Vertical
1	Test Configuration 1	# 1	# 2
2	Test Configuration 2	# 3	# 4
3	Test Configuration 3	# 5	# 6
4	Test Configuration 4	# 7	# 8

4.5.3. 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))

For Frequency range：below 1GHz

No.	Test Mode and Frequency			Reference Test Data No.	
				Horizontal	Vertical
1.	Transmitting	802.11b	2412MHz (Channel 1)	# 33	# 34
2.			2437MHz (Channel 6)	# 35	# 36
3.			2462MHz (Channel 11)	# 37	# 38
4.		802.11g	2412MHz (Channel 1)	# 39	# 40
5.			2437MHz (Channel 6)	# 41	# 42
6.			2462MHz (Channel 11)	# 43	# 44
7.		802.11n HT20	2412MHz (Channel 1)	# 45	# 46
8.			2437MHz (Channel 6)	# 47	# 48
9.			2462MHz (Channel 11)	# 49	# 50
10.			5745MHz (Channel 149)	# 57	# 58
11.			5785MHz (Channel 157)	# 59	# 60
12.			5825MHz (Channel 165)	# 61	# 62
13.		802.11a	5745MHz (Channel 149)	# 51	# 52
14.			5785MHz (Channel 157)	# 53	# 54
15.			5825MHz (Channel 165)	# 55	# 56

For Frequency range：above 1GHz

No.	Test Mode and Frequency			Reference Test Data No.	
				Horizontal	Vertical
1.	Transmitting	802.11b	2412MHz (Channel 1)	# 63	# 64
2.			2437MHz (Channel 6)	# 65	# 66
3.			2462MHz (Channel 11)	# 67	# 68
4.		802.11g	2412MHz (Channel 1)	# 69	# 70
5.			2437MHz (Channel 6)	# 71	# 72
6.			2462MHz (Channel 11)	# 73	# 74
7.		802.11n HT20	2412MHz (Channel 1)	# 75	# 76
8.			2437MHz (Channel 6)	# 77	# 78
9.			2462MHz (Channel 11)	# 79	# 80
10.			5745MHz (Channel 149)	# 87	# 88
11.			5785MHz (Channel 157)	# 89	# 90
12.			5825MHz (Channel 165)	# 91	# 92
13.		802.11a	5745MHz (Channel 149)	# 81	# 82
14.			5785MHz (Channel 157)	# 83	# 84
15.			5825MHz (Channel 165)	# 85	# 86

4.5.4. 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
7.			5725MHz (Channel 149)	N/A	N/A
8.			5850MHz (Channel 165)	N/A	N/A
9.		802.11a	5745MHz (Channel 149)	N/A	N/A
10.			5825MHz (Channel 165)	N/A	N/A

4.5.5. Radiated Emission Measurement Results

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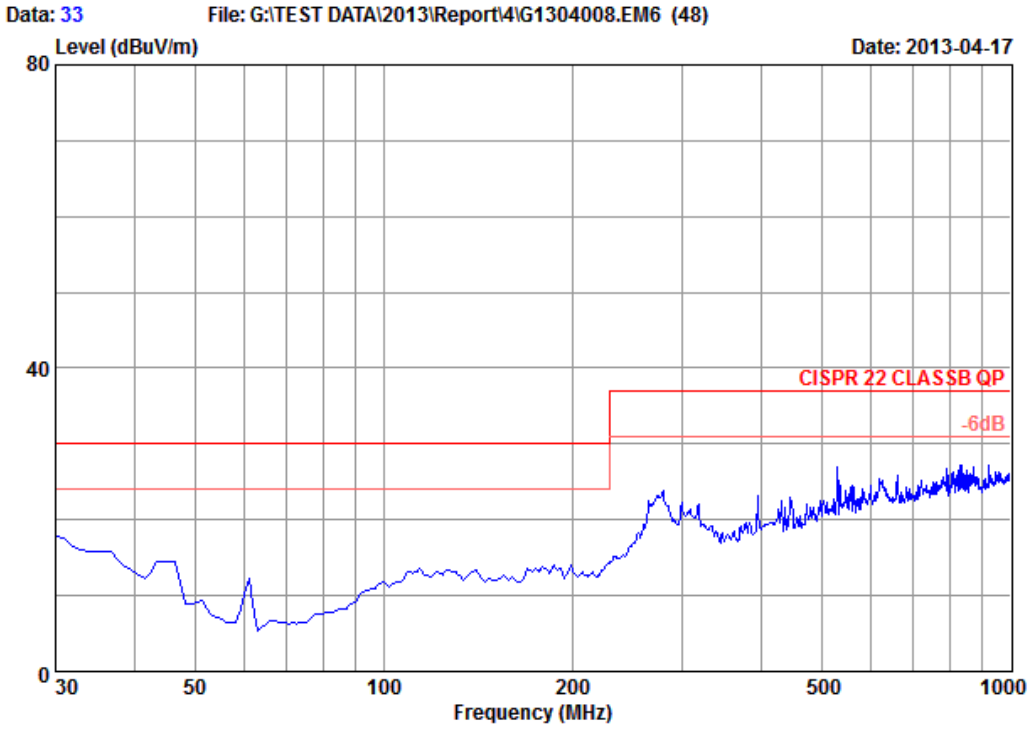

Site No. : NO.1 10m Semi-Anechoic Chamber Data NO. : 33
Dis./Ant. : 10m . 6112D(22253)-1206-H Ant.pol : HORIZONTAL
Env./Ins. : 22.0*C 44%/ESCI Engineer : Kevin
EUT. : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating: 120Vac/60Hz
Test Mode : Configuration1
Memo :

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	279.29	13.10	2.45	8.28	23.83	37.00	13.17	QP
2	395.69	16.40	2.96	3.72	23.08	37.00	13.92	QP
3	528.58	18.32	3.40	5.33	27.05	37.00	9.95	QP
4	618.79	19.60	3.80	1.90	25.30	37.00	11.70	QP
5	659.53	19.60	3.91	2.36	25.87	37.00	11.13	QP
6	837.04	20.90	4.51	1.78	27.19	37.00	9.81	QP

Remarks: 1.Emission Level= Antenna factor + Cable loss + Reading
2.The emission level that are 20dB below the offical limit are not reported

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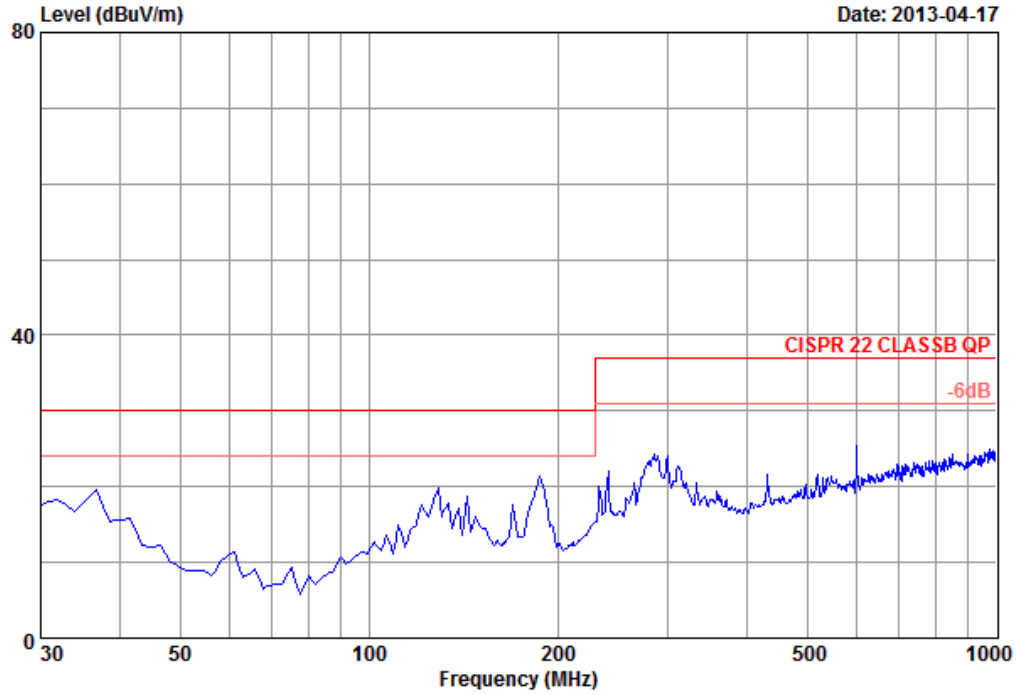
Data: 34 File: G:\TEST DATA\2013\Report\4\G1304008.EM6 (48)



Site No. : NO.1 10m Semi-Anechoic Chamber Data NO. : 34
Dis./Ant. : 10m . 6112D(22252)0416 V Ant.pol : VERTICAL
Env./Ins. : 22.0*C 44%/ESCI Engineer : Kevin
EUT. : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating: 120Vac/60Hz
Test Mode : Configuration1
Memo :

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	36.79	16.30	0.68	2.64	19.62	30.00	10.38	QP
2	128.94	12.10	1.32	6.32	19.74	30.00	10.26	QP
3	187.14	9.10	1.56	10.68	21.34	30.00	8.66	QP
4	284.14	13.00	1.96	9.26	24.22	37.00	12.78	QP
5	599.39	18.50	3.22	3.73	25.45	37.00	11.55	QP
6	851.59	20.83	3.77	-0.39	24.21	37.00	12.79	QP

Remarks: 1.Emission Level= Antenna factor + Cable loss + Reading
2.The emission level that are 20dB below the offical limit are not reported

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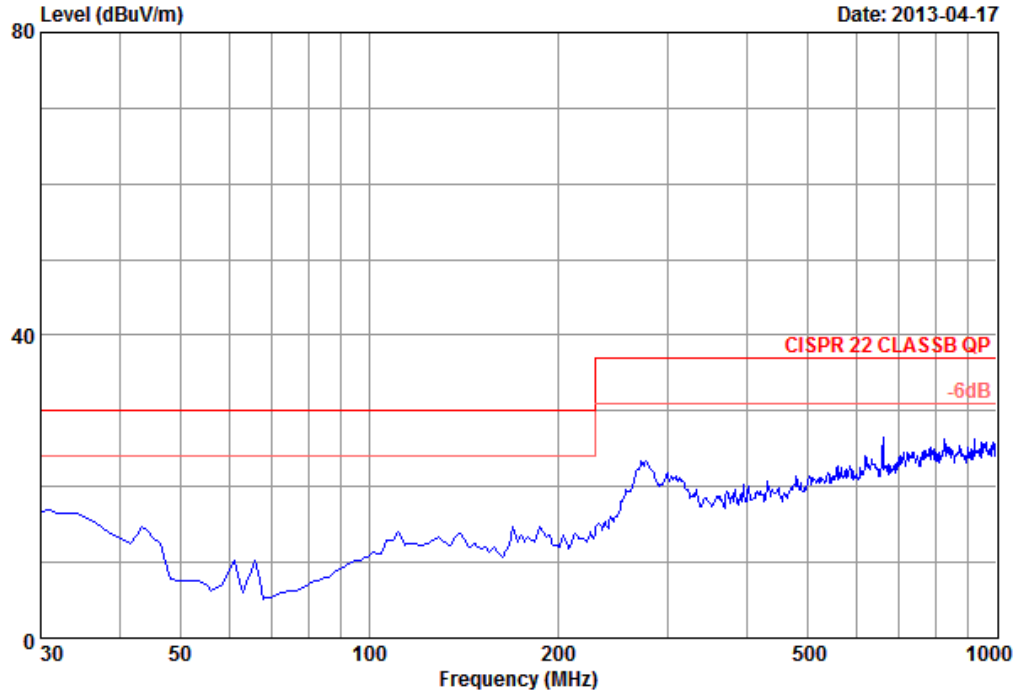
Data: 35 File: G:\TEST DATA\2013\Report\4\G1304008.EM6 (48)



Site No. : NO.1 10m Semi-Anechoic Chamber Data NO. : 35
Dis./Ant. : 10m . 6112D(22253)-1206-H Ant.pol : HORIZONTAL
Env./Ins. : 22.0*C 44%/ESCI Engineer : Kevin
EUT. : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating: 120Vac/60Hz
Test Mode : Configuration2
Memo :

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	30.97	17.85	0.76	-1.65	16.96	30.00	13.04	QP
2	43.58	10.85	0.91	3.06	14.82	30.00	15.18	QP
3	276.38	12.90	2.46	8.03	23.39	37.00	13.61	QP
4	298.69	13.50	2.56	5.83	21.89	37.00	15.11	QP
5	659.53	19.60	3.91	2.91	26.42	37.00	10.58	QP
6	824.43	20.83	4.49	0.90	26.22	37.00	10.78	QP

Remarks: 1.Emission Level= Antenna factor + Cable loss + Reading
2.The emission level that are 20dB below the offical limit are not reported

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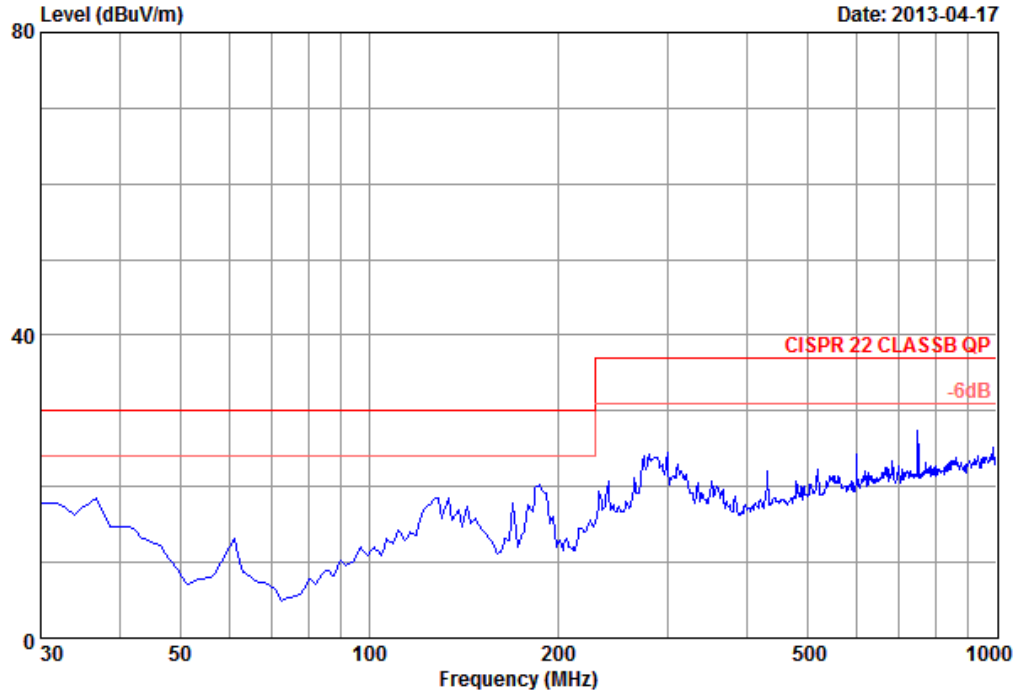
Data: 36 File: G:\TEST DATA\2013\Report\4\G1304008.EM6 (48)



Site No. : NO.1 10m Semi-Anechoic Chamber Data NO. : 36
Dis./Ant. : 10m . 6112D(22252)0416 V Ant.pol : VERTICAL
Env./Ins. : 22.0*C 44%/ESCI Engineer : Kevin
EUT. : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating: 120Vac/60Hz
Test Mode : Configuration2
Memo :

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	36.79	16.30	0.68	1.55	18.53	30.00	11.47	QP
2	127.97	12.10	1.31	5.13	18.54	30.00	11.46	QP
3	187.14	9.10	1.56	9.63	20.29	30.00	9.71	QP
4	279.29	12.90	1.95	9.53	24.38	37.00	12.62	QP
5	298.69	13.20	2.23	9.00	24.43	37.00	12.57	QP
6	749.74	19.80	3.38	4.16	27.34	37.00	9.66	QP

Remarks: 1.Emission Level= Antenna factor + Cable loss + Reading
2.The emission level that are 20dB below the offical limit are not reported

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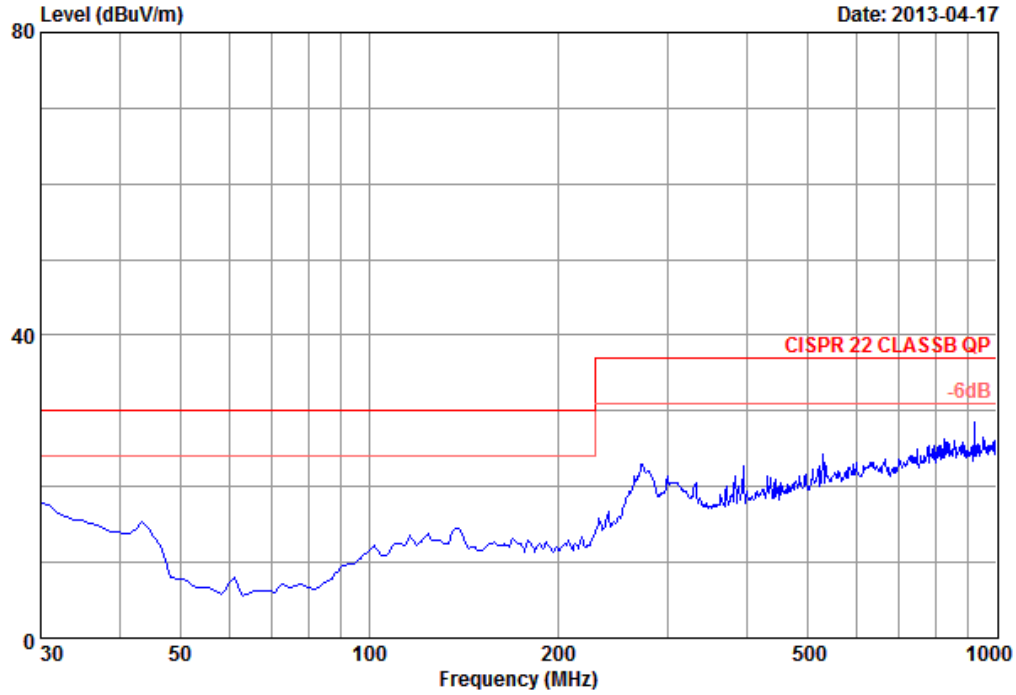
Data: 37 File: G:\TEST DATA\2013\Report\4\G1304008.EM6 (48)



Site No. : NO.1 10m Semi-Anechoic Chamber Data NO. : 37
Dis./Ant. : 10m . 6112D(22253)-1206-H Ant.pol : HORIZONTAL
Env./Ins. : 22.0*C 44%/ESCI Engineer : Kevin
EUT. : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating: 120Vac/60Hz
Test Mode : Configuration3
Memo :

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	43.58	10.85	0.91	3.66	15.42	30.00	14.58	QP
2	138.64	12.27	1.67	0.60	14.54	30.00	15.46	QP
3	271.53	12.86	2.40	7.78	23.04	37.00	13.96	QP
4	528.58	18.32	3.40	2.48	24.20	37.00	12.80	QP
5	824.43	20.83	4.49	1.06	26.38	37.00	10.62	QP
6	924.34	20.80	4.76	3.06	28.62	37.00	8.38	QP

Remarks: 1.Emission Level= Antenna factor + Cable loss + Reading
2.The emission level that are 20dB below the offical limit are not reported

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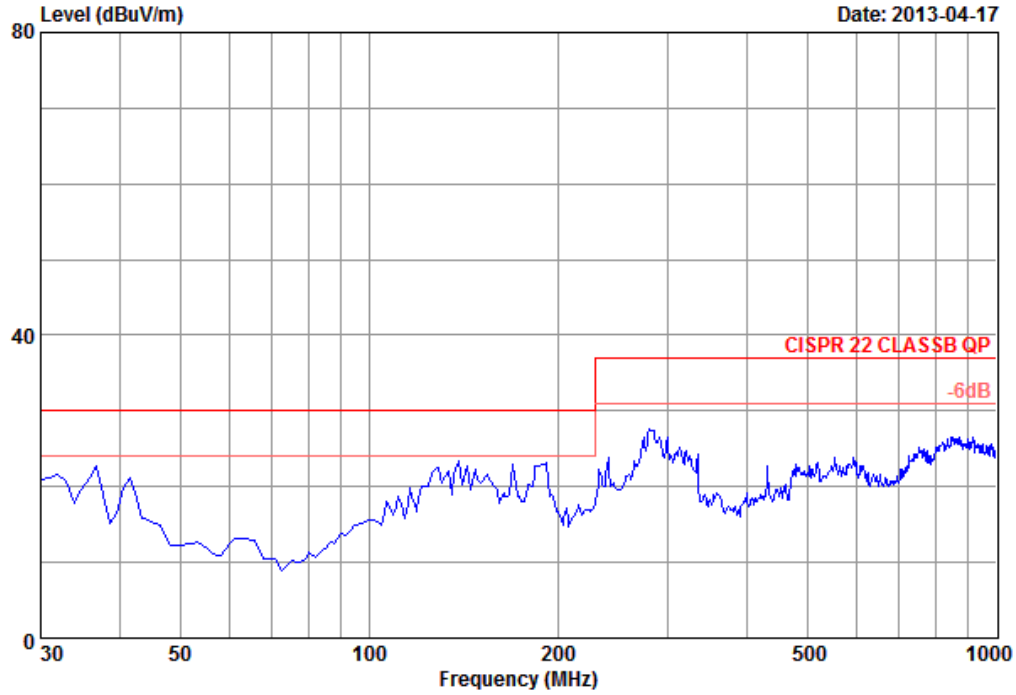
Data: 38 File: G:\TEST DATA\2013\Report\4\G1304008.EM6 (48)



Site No. : NO.1 10m Semi-Anechoic Chamber Data NO. : 38
Dis./Ant. : 10m . 6112D(22252)0416 V Ant.pol : VERTICAL
Env./Ins. : 22.0*C 44%/ESCI Engineer : Kevin
EUT. : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating: 120Vac/60Hz
Test Mode : Configuration3
Memo :

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	36.79	16.30	0.68	5.75	22.73	30.00	7.27	QP
2	128.94	12.10	1.32	9.09	22.51	30.00	7.49	QP
3	138.64	11.10	1.35	10.93	23.38	30.00	6.62	QP
4	191.99	9.20	1.56	12.36	23.12	30.00	6.88	QP
5	279.29	12.90	1.95	12.87	27.72	37.00	9.28	QP
6	848.68	20.80	3.64	2.14	26.58	37.00	10.42	QP

Remarks: 1.Emission Level= Antenna factor + Cable loss + Reading
2.The emission level that are 20dB below the offical limit are not reported

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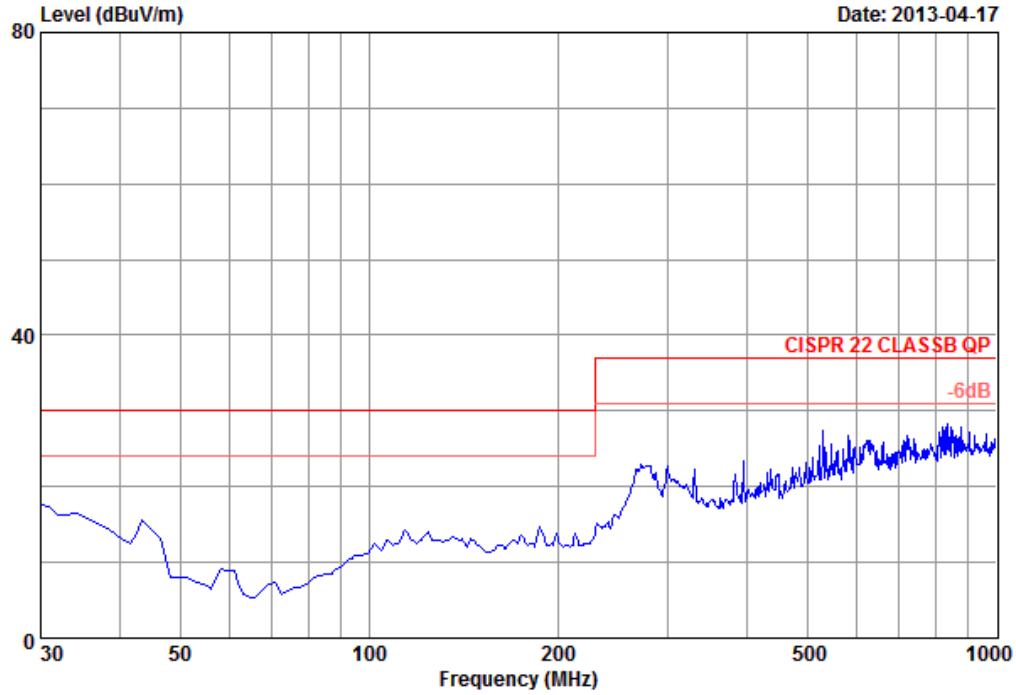
Data: 39 File: G:\TEST DATA\2013\Report\4\G1304008.EM6 (48)



Site No. : NO.1 10m Semi-Anechoic Chamber Data NO. : 39
Dis./Ant. : 10m . 6112D(22253)-1206-H Ant.pol : HORIZONTAL
Env./Ins. : 22.0*C 44%/ESCI Engineer : Kevin
EUT. : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating: 120Vac/60Hz
Test Mode : Configuration4
Memo :

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	271.53	12.86	2.40	7.69	22.95	37.00	14.05	QP
2	528.58	18.32	3.40	5.77	27.49	37.00	9.51	QP
3	581.93	19.20	3.67	3.98	26.85	37.00	10.15	QP
4	623.64	19.55	3.80	2.65	26.00	37.00	11.00	QP
5	722.58	20.03	4.13	2.68	26.84	37.00	10.16	QP
6	837.04	20.90	4.51	2.82	28.23	37.00	8.77	QP

Remarks: 1.Emission Level= Antenna factor + Cable loss + Reading
2.The emission level that are 20dB below the offical limit are not reported

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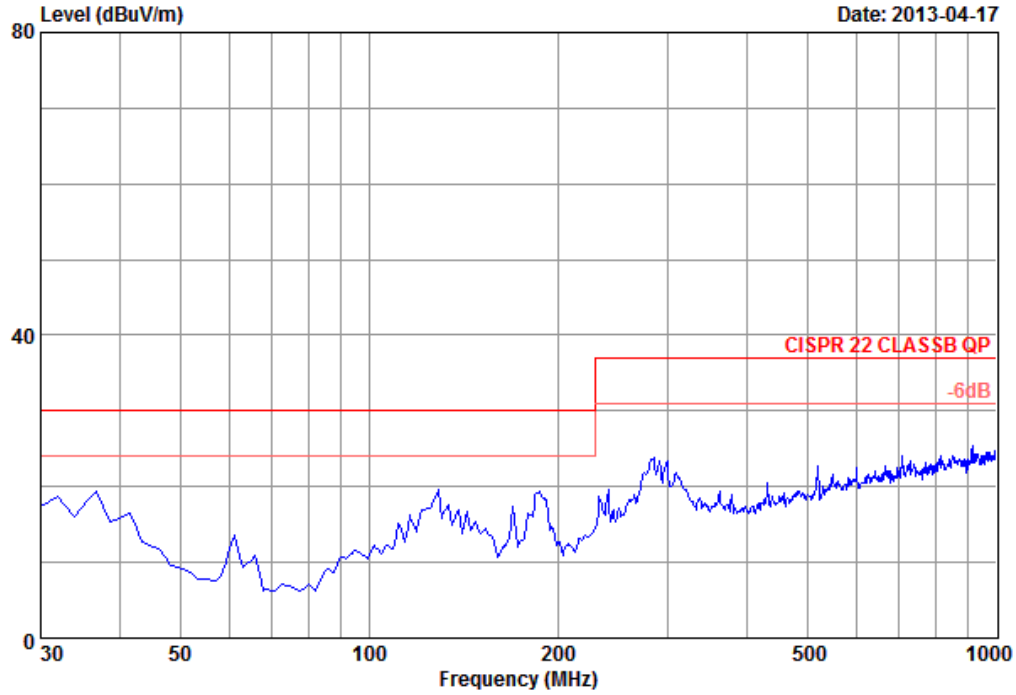
Data: 40 File: G:\TEST DATA\2013\Report\4\G1304008.EM6 (48)



Site No. : NO.1 10m Semi-Anechoic Chamber Data NO. : 40
Dis./Ant. : 10m . 6112D(22252)0416 V Ant.pol : VERTICAL
Env./Ins. : 22.0*C 44%/ESCI Engineer : Kevin
EUT. : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating: 120Vac/60Hz
Test Mode : Configuration4
Memo :

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	31.94	18.50	0.63	-0.49	18.64	30.00	11.36	QP
2	36.79	16.30	0.68	2.51	19.49	30.00	10.51	QP
3	128.94	12.10	1.32	6.10	19.52	30.00	10.48	QP
4	169.68	9.80	1.49	6.10	17.39	30.00	12.61	QP
5	187.14	9.10	1.56	8.74	19.40	30.00	10.60	QP
6	284.14	13.00	1.96	8.82	23.78	37.00	13.22	QP

Remarks: 1.Emission Level= Antenna factor + Cable loss + Reading
2.The emission level that are 20dB below the offical limit are not reported

4.5.6. Radiated Emission Measurement Results (For Above 1GHz)

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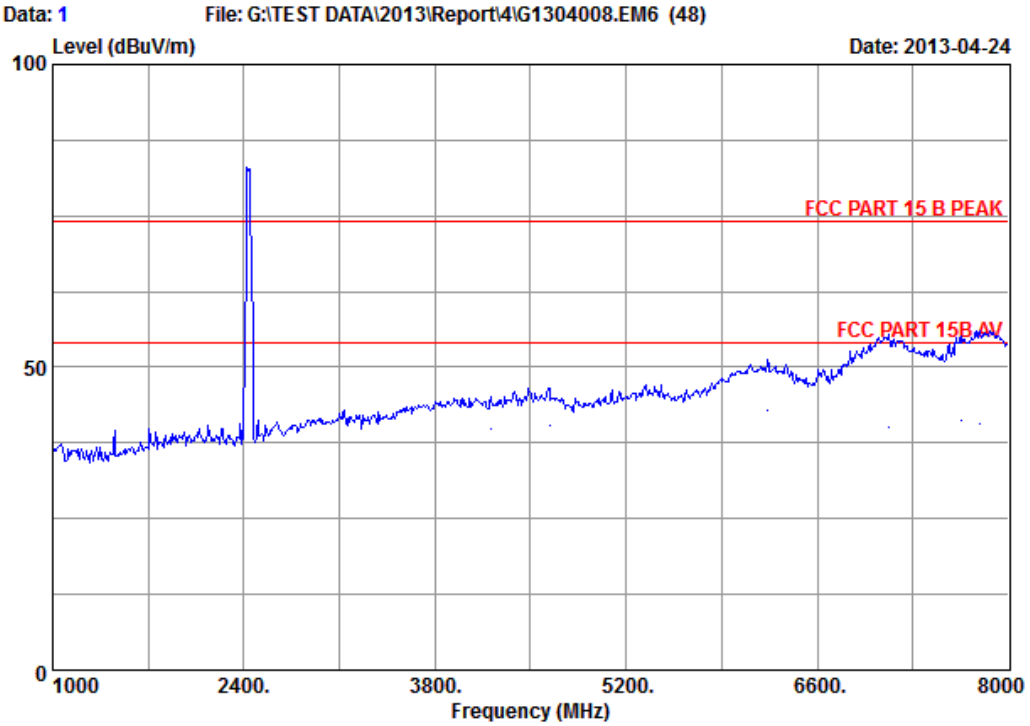
Tel:0512-63403993 Fax:0512-63403339



Site No.	: NO.1 10m Semi-Anechoic Chamber	Data NO.	: 1
Dis./Ant.	: 3m . 3115(62593)-1205	Ant.pol	: HORIZONTAL
Limit	: FCC PART 15 B PEAK		
Env./Ins.	: 22.0*C 44%/E4447A	Engineer	: Kevin
EUT.	: TI-nspire CX Wireless Network Adapter v2		
M/N	: TINAVWNA2		
Power Rating	: 120Vac/60Hz		
Test Mode	: Configuration1		
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	2421.00	28.51	10.03	79.36	34.80	83.10	74.00	-9.10	Peak
2	4206.00	33.80	13.18	32.53	34.38	45.13	74.00	28.87	Peak
3	4207.32	33.80	13.18	27.32	34.38	39.92	54.00	14.08	Average
4	4640.00	34.02	14.39	32.49	34.34	46.56	74.00	27.44	Peak
5	4641.20	34.02	14.39	26.32	34.34	40.39	54.00	13.61	Average
6	6236.00	37.09	16.87	31.81	34.48	51.29	74.00	22.71	Peak
7	6237.32	37.09	16.87	23.33	34.48	42.81	54.00	11.19	Average
8	7125.00	37.89	18.50	32.65	33.72	55.32	74.00	18.68	Peak
9	7126.32	37.89	18.50	17.31	33.72	39.98	54.00	14.02	Average
10	7650.00	38.65	18.56	31.24	33.39	55.06	74.00	18.94	Peak
11	7651.32	38.65	18.56	17.32	33.39	41.14	54.00	12.86	Average
12	7790.00	38.52	19.16	31.65	33.31	56.02	74.00	17.98	Peak
13	7791.20	38.52	19.16	16.31	33.31	40.68	54.00	13.32	Average

Remarks: 1.Emission Level= Antenna factor + Cable loss + Reading - Preamp
2.The emission level that are 20dB below the offical limit are not reported

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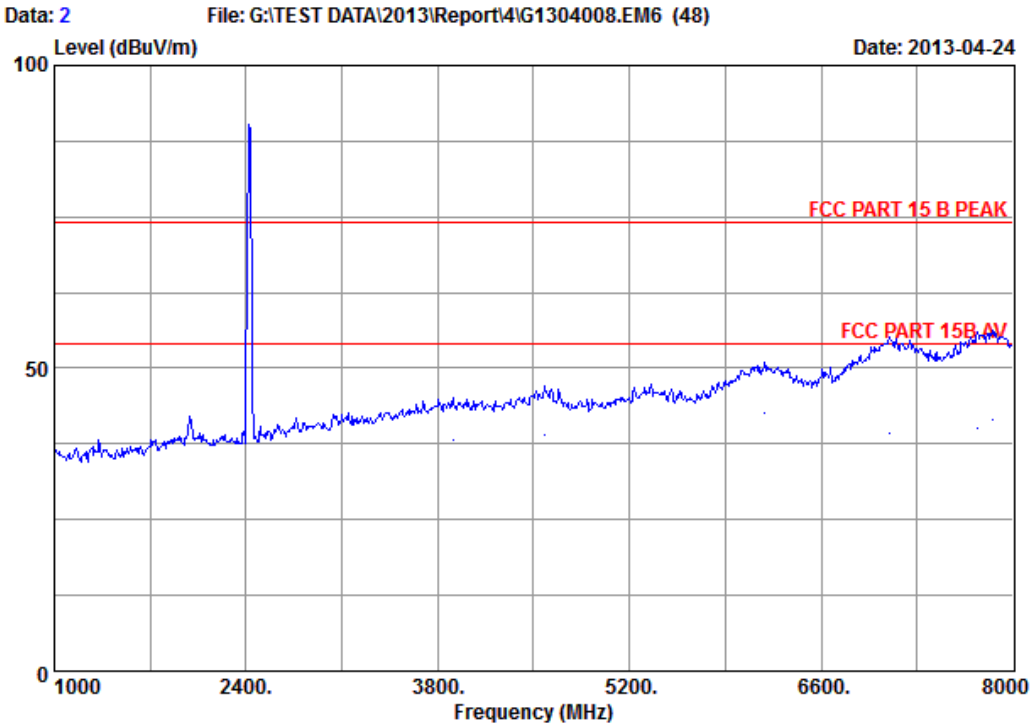

Site No.	: NO.1 10m Semi-Anechoic Chamber	Data NO.	: 2
Dis./Ant.	: 3m . 3115(62593)-1205	Ant.pol	: VERTICAL
Limit	: FCC PART 15 B PEAK		
Env./Ins.	: 22.0*C 44%/E4447A	Engineer	: Kevin
EUT.	: TI-nspire CX Wireless Network Adapter v2		
M/N	: TINAVWNA2		
Power Rating	: 120Vac/60Hz		
Test Mode	: Configuration1		
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	2421.00	28.51	10.03	86.64	34.80	90.38	74.00	-16.38	Peak
2	3912.00	33.37	12.58	33.55	34.43	45.07	74.00	28.93	Peak
3	3913.20	33.37	12.58	26.60	34.43	38.12	54.00	15.88	Average
4	4577.00	33.91	14.22	33.26	34.35	47.04	74.00	26.96	Peak
5	4578.32	33.91	14.22	25.32	34.35	39.10	54.00	14.90	Average
6	6187.00	37.07	16.75	31.75	34.52	51.05	74.00	22.95	Peak
7	6189.32	37.07	16.75	23.21	34.50	42.53	54.00	11.47	Average
8	7097.00	37.85	18.49	32.49	33.74	55.09	74.00	18.91	Peak
9	7098.32	37.85	18.49	16.60	33.74	39.20	54.00	14.80	Average
10	7741.00	38.55	18.69	32.06	33.34	55.96	74.00	18.04	Peak
11	7742.14	38.55	18.69	16.32	33.34	40.22	54.00	13.78	Average
12	7846.00	38.45	19.87	31.09	33.28	56.13	74.00	17.87	Peak
13	7847.32	38.45	19.87	16.31	33.26	41.37	54.00	12.63	Average

Remarks: 1.Emission Level= Antenna factor + Cable loss + Reading - Preamp
2.The emission level that are 20dB below the offical limit are not reported

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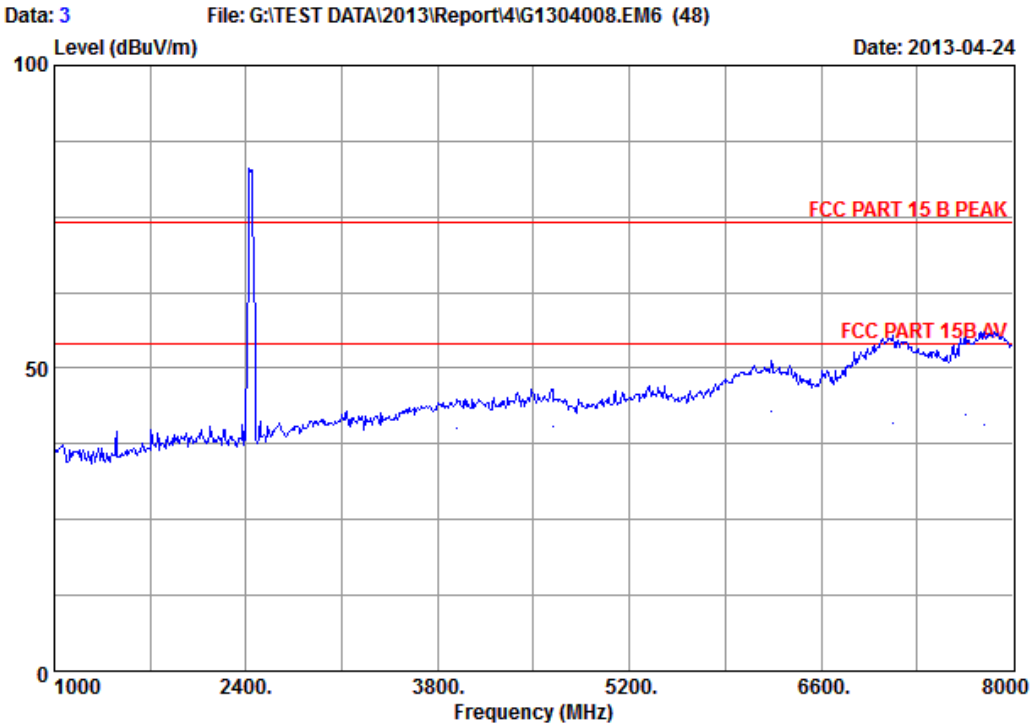

Site No.	: NO.1 10m Semi-Anechoic Chamber	Data NO.	: 3
Dis./Ant.	: 3m . 3115(62593)-1205	Ant.pol	: HORIZONTAL
Limit	: FCC PART 15 B PEAK		
Env./Ins.	: 22.0*C 44%/E4447A	Engineer	: Kevin
EUT.	: TI-nspire CX Wireless Network Adapter v2		
M/N	: TINAVWNA2		
Power Rating	: 120Vac/60Hz		
Test Mode	: Configuration2		
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	2421.00	28.51	10.03	79.36	34.80	83.10	74.00	-9.10	Peak
2	3940.00	33.54	12.58	33.22	34.42	44.92	74.00	29.08	Peak
3	3941.05	33.54	12.58	28.32	34.42	40.02	54.00	13.98	Average
4	4640.00	34.02	14.39	32.49	34.34	46.56	74.00	27.44	Peak
5	4641.02	34.02	14.39	26.22	34.34	40.29	54.00	13.71	Average
6	6236.00	37.09	16.87	31.81	34.48	51.29	74.00	22.71	Peak
7	6237.02	37.09	16.87	23.33	34.48	42.81	54.00	11.19	Average
8	7125.00	37.89	18.50	32.65	33.72	55.32	74.00	18.68	Peak
9	7126.32	37.89	18.50	18.32	33.72	40.99	54.00	13.01	Average
10	7650.00	38.65	18.56	31.24	33.39	55.06	74.00	18.94	Peak
11	7651.20	38.65	18.56	18.63	33.39	42.45	54.00	11.55	Average
12	7790.00	38.52	19.16	31.65	33.31	56.02	74.00	17.98	Peak
13	7791.20	38.52	19.16	16.35	33.31	40.72	54.00	13.28	Average

Remarks: 1.Emission Level= Antenna factor + Cable loss + Reading - Preamp
2.The emission level that are 20dB below the offical limit are not reported

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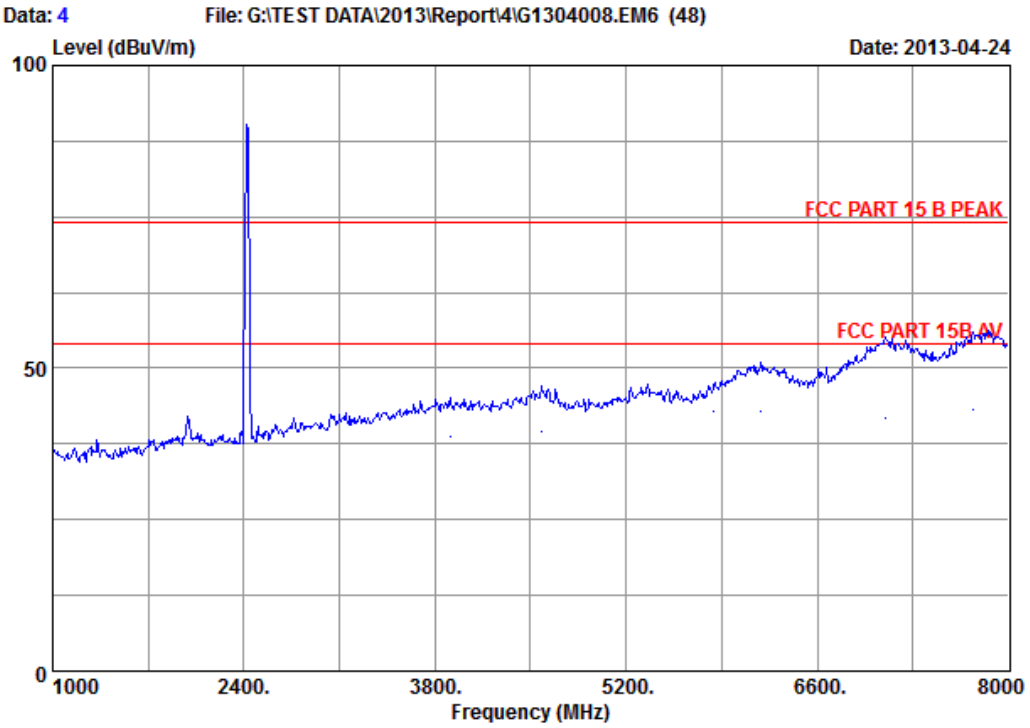

Site No.	: NO.1 10m Semi-Anechoic Chamber	Data NO.	: 4
Dis./Ant.	: 3m . 3115(62593)-1205	Ant.pol	: VERTICAL
Limit	: FCC PART 15 B PEAK		
Env./Ins.	: 22.0*C 44%/E4447A	Engineer	: Kevin
EUT.	: TI-nspire CX Wireless Network Adapter v2		
M/N	: TINAVWNA2		
Power Rating	: 120Vac/60Hz		
Test Mode	: Configuration2		
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	2421.00	28.51	10.03	86.64	34.80	90.38	74.00	-16.38	Peak
2	3912.00	33.37	12.58	33.55	34.43	45.07	74.00	28.93	Peak
3	3913.03	33.37	12.58	27.32	34.43	38.84	54.00	15.16	Average
4	4577.00	33.91	14.22	33.26	34.35	47.04	74.00	26.96	Peak
5	4578.32	33.91	14.22	25.66	34.35	39.44	54.00	14.56	Average
6	5845.32	36.35	15.52	25.61	34.62	42.86	54.00	11.14	Average
7	5851.00	36.35	15.52	30.33	34.62	47.58	74.00	26.42	Peak
8	6187.00	37.07	16.75	31.75	34.52	51.05	74.00	22.95	Peak
9	6188.32	37.07	16.75	23.62	34.52	42.92	54.00	11.08	Average
10	7097.00	37.85	18.49	32.49	33.74	55.09	74.00	18.91	Peak
11	7098.32	37.85	18.49	19.32	33.74	41.92	54.00	12.08	Average
12	7741.00	38.55	18.69	32.06	33.34	55.96	74.00	18.04	Peak
13	7742.33	38.55	18.69	19.32	33.34	43.22	54.00	10.78	Average

Remarks: 1.Emission Level= Antenna factor + Cable loss + Reading - Preamp
2.The emission level that are 20dB below the offical limit are not reported

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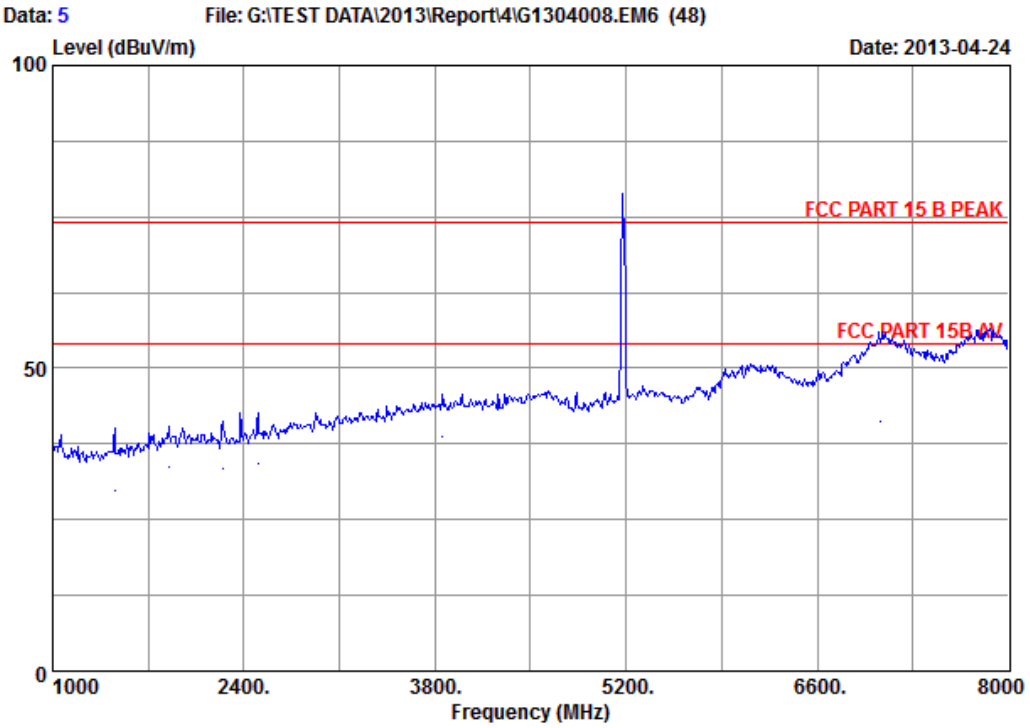

Site No.	: NO.1 10m Semi-Anechoic Chamber	Data NO.	: 5
Dis./Ant.	: 3m . 3115(62593)-1205	Ant.pol	: HORIZONTAL
Limit	: FCC PART 15 B PEAK		
Env./Ins.	: 22.0*C 44%/E4447A	Engineer	: Kevin
EUT.	: TI-nspire CX Wireless Network Adapter v2		
M/N	: TINAVWNA2		
Power Rating	: 120Vac/60Hz		
Test Mode	: Configuration3		
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	1455.00	26.27	7.80	41.44	35.49	40.02	74.00	33.98	Peak
2	1456.32	26.27	7.80	31.20	35.49	29.78	54.00	24.22	Average
3	1847.00	27.91	8.72	38.88	35.08	40.43	74.00	33.57	Peak
4	1849.33	27.91	8.72	32.22	35.08	33.77	54.00	20.23	Average
5	2246.00	28.55	9.32	38.19	34.85	41.21	74.00	32.79	Peak
6	2247.32	28.55	9.32	30.33	34.85	33.35	54.00	20.65	Average
7	2505.00	28.57	10.26	38.65	34.78	42.70	74.00	31.30	Peak
8	2506.32	28.57	10.26	30.32	34.78	34.37	54.00	19.63	Average
9	3856.00	33.11	12.74	34.23	34.44	45.64	74.00	28.36	Peak
10	3857.32	33.11	12.74	27.33	34.44	38.74	54.00	15.26	Average
11	5172.00	34.70	14.67	63.95	34.38	78.94	74.00	-4.94	Peak
12	7055.00	37.72	17.94	34.12	33.77	56.01	74.00	17.99	Peak
13	7056.33	37.72	17.94	19.32	33.75	41.23	54.00	12.77	Average

Remarks: 1.Emission Level= Antenna factor + Cable loss + Reading - Preamp
2.The emission level that are 20dB below the offical limit are not reported

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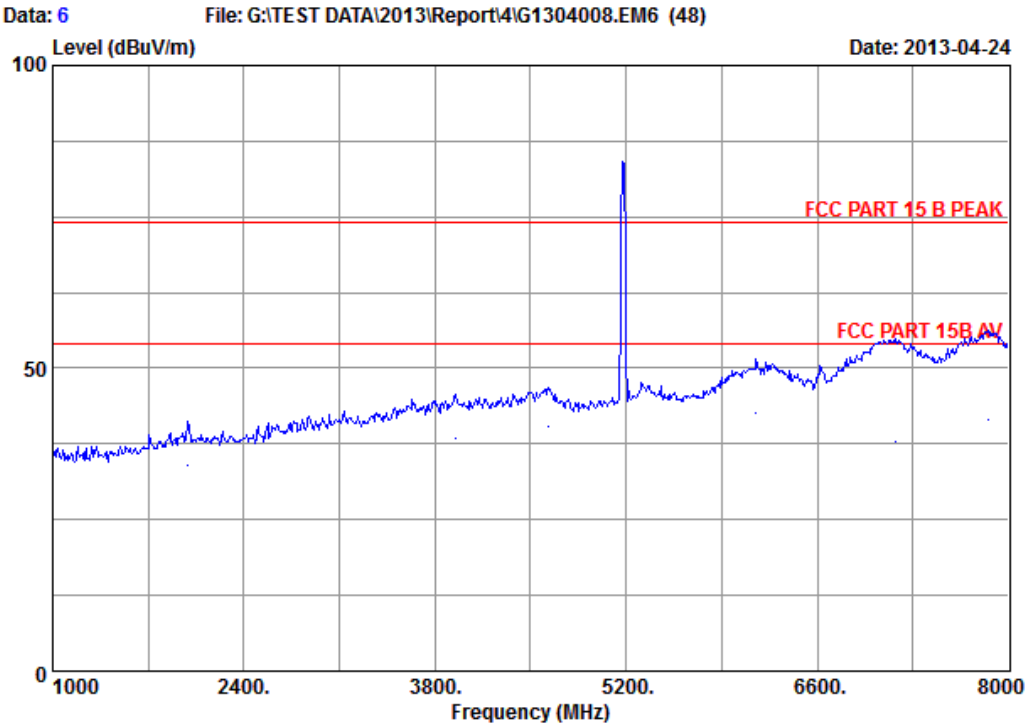

Site No.	: NO.1 10m Semi-Anechoic Chamber	Data NO.	: 6
Dis./Ant.	: 3m . 3115(62593)-1205	Ant.pol	: VERTICAL
Limit	: FCC PART 15 B PEAK		
Env./Ins.	: 22.0*C 44%/E4447A	Engineer	: Kevin
EUT.	: TI-nspire CX Wireless Network Adapter v2		
M/N	: TINAVWNA2		
Power Rating	: 120Vac/60Hz		
Test Mode	: Configuration3		
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	1987.00	28.52	9.04	38.61	34.92	41.25	74.00	32.75	Peak
2	1988.32	28.52	9.04	31.21	34.92	33.85	54.00	20.15	Average
3	3947.00	33.54	12.88	33.59	34.41	45.60	74.00	28.40	Peak
4	3948.32	33.54	12.88	26.32	34.41	38.33	54.00	15.67	Average
5	4626.00	33.99	14.39	32.66	34.34	46.70	74.00	27.30	Peak
6	4627.32	33.99	14.39	26.32	34.34	40.36	54.00	13.64	Average
7	5172.00	34.70	14.67	69.17	34.38	84.16	74.00	-10.16	Peak
8	6152.00	37.06	16.86	32.06	34.54	51.44	74.00	22.56	Peak
9	6153.20	37.06	16.86	23.31	34.54	42.69	54.00	11.31	Average
10	7167.00	38.01	17.98	32.55	33.69	54.85	74.00	19.15	Peak
11	7168.32	38.01	17.98	15.64	33.69	37.94	54.00	16.06	Average
12	7846.00	38.45	19.87	31.13	33.28	56.17	74.00	17.83	Peak
13	7847.32	38.45	19.87	16.31	33.26	41.37	54.00	12.63	Average

Remarks: 1.Emission Level= Antenna factor + Cable loss + Reading - Preamp
2.The emission level that are 20dB below the offical limit are not reported

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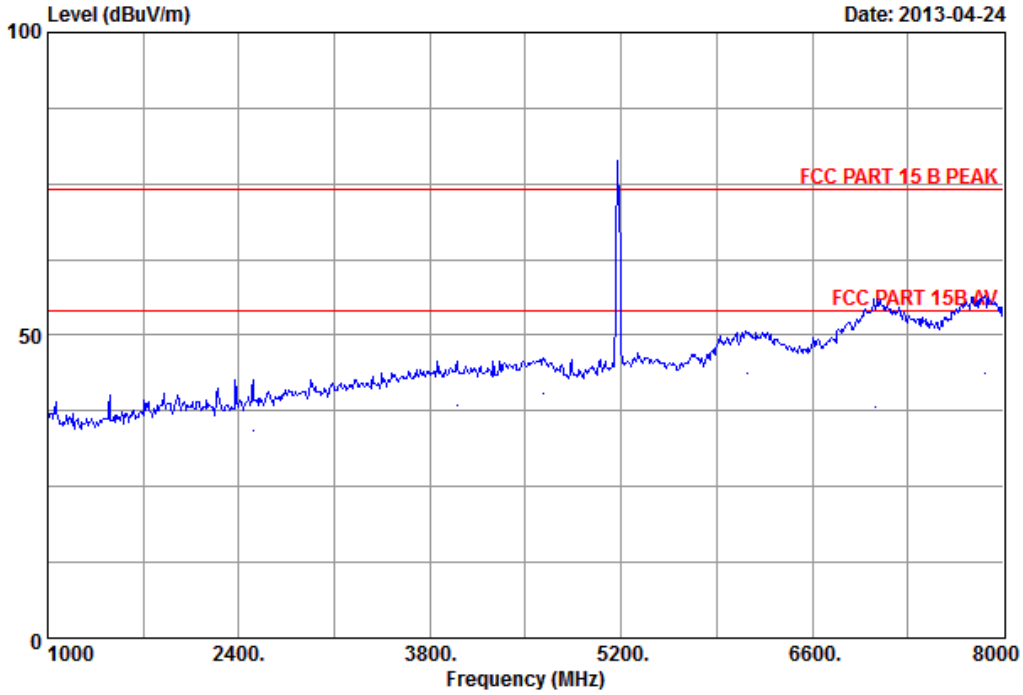
Data: 7 File: G:\TEST DATA\2013\Report\4\G1304008.EM6 (48)



Site No.	: NO.1 10m Semi-Anechoic Chamber	Data NO.	: 7
Dis./Ant.	: 3m . 3115(62593)-1205	Ant.pol	: HORIZONTAL
Limit	: FCC PART 15 B PEAK		
Env./Ins.	: 22.0*C 44%/E4447A	Engineer	: Kevin
EUT.	: TI-nspire CX Wireless Network Adapter v2		
M/N	: TINAVWNA2		
Power Rating	: 120Vac/60Hz		
Test Mode	: Configuration4		
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	2505.00	28.57	10.26	38.65	34.78	42.70	74.00	31.30	Peak
2	2506.32	28.57	10.26	30.32	34.78	34.37	54.00	19.63	Average
3	3996.00	33.80	12.75	33.61	34.41	45.75	74.00	28.25	Peak
4	3997.20	33.80	12.75	26.21	34.40	38.36	54.00	15.64	Average
5	4626.00	33.99	14.39	32.08	34.34	46.12	74.00	27.88	Peak
6	4627.32	33.99	14.39	26.32	34.34	40.36	54.00	13.64	Average
7	5172.00	34.70	14.67	63.95	34.38	78.94	74.00	-4.94	Peak
8	6117.00	37.05	16.80	31.30	34.57	50.58	74.00	23.42	Peak
9	6118.32	37.05	16.80	24.37	34.57	43.65	54.00	10.35	Average
10	7055.00	37.72	17.94	34.12	33.77	56.01	74.00	17.99	Peak
11	7056.32	37.72	17.94	16.32	33.75	38.23	54.00	15.77	Average
12	7867.00	38.43	19.87	31.53	33.26	56.57	74.00	17.43	Peak
13	7868.32	38.43	19.87	18.65	33.26	43.69	54.00	10.31	Average

Remarks: 1.Emission Level= Antenna factor + Cable loss + Reading - Preamp
2.The emission level that are 20dB below the offical limit are not reported

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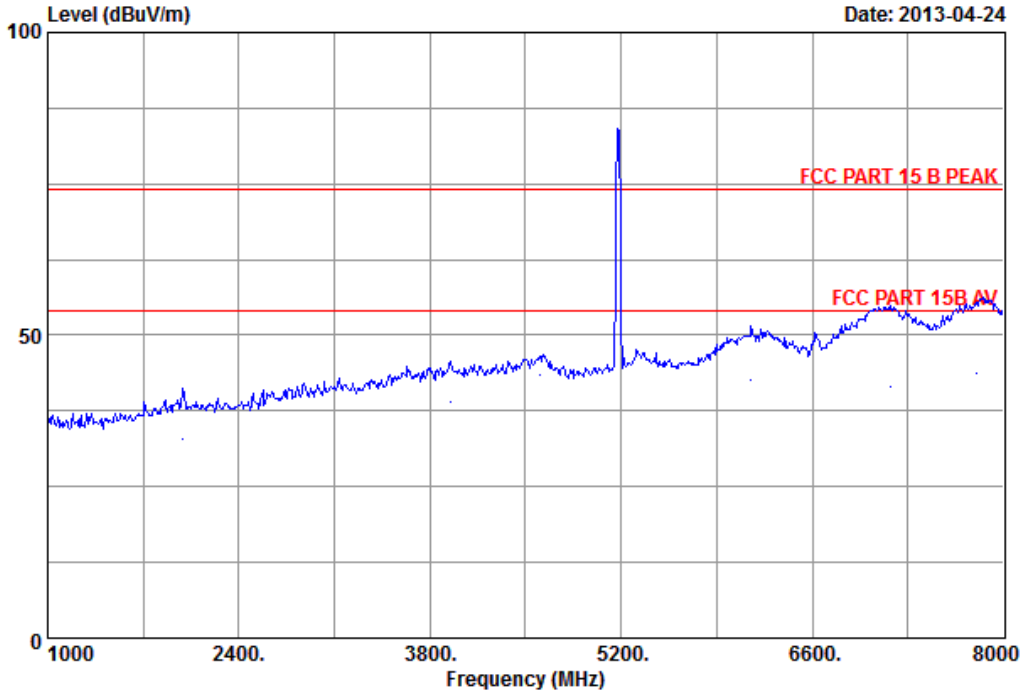
Data: 8 File: G:\TEST DATA\2013\Report\4\G1304008.EM6 (48)



Site No.	: NO.1 10m Semi-Anechoic Chamber	Data NO.	: 8
Dis./Ant.	: 3m . 3115(62593)-1205	Ant.pol	: VERTICAL
Limit	: FCC PART 15 B PEAK		
Env./Ins.	: 22.0*C 44%/E4447A	Engineer	: Kevin
EUT.	: TI-nspire CX Wireless Network Adapter v2		
M/N	: TINAVWNA2		
Power Rating	: 120Vac/60Hz		
Test Mode	: Configuration4		
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	1987.00	28.52	9.04	38.61	34.92	41.25	74.00	32.75	Peak
2	1988.32	28.52	9.04	30.32	34.92	32.96	54.00	21.04	Average
3	3947.00	33.54	12.88	33.59	34.41	45.60	74.00	28.40	Peak
4	3948.32	33.54	12.88	26.90	34.41	38.91	54.00	15.09	Average
5	4605.00	33.97	14.22	32.77	34.35	46.61	74.00	27.39	Peak
6	4606.23	33.97	14.22	29.64	34.35	43.48	54.00	10.52	Average
7	5172.00	34.70	14.67	69.17	34.38	84.16	74.00	-10.16	Peak
8	6152.00	37.06	16.86	32.06	34.54	51.44	74.00	22.56	Peak
9	6153.20	37.06	16.86	23.29	34.54	42.67	54.00	11.33	Average
10	7167.00	38.01	17.98	32.55	33.69	54.85	74.00	19.15	Peak
11	7168.32	38.01	17.98	19.33	33.69	41.63	54.00	12.37	Average
12	7797.00	38.50	19.16	31.08	33.30	55.44	74.00	18.56	Peak
13	7798.32	38.50	19.16	19.33	33.30	43.69	54.00	10.31	Average

Remarks: 1.Emission Level= Antenna factor + Cable loss + Reading - Preamp
2.The emission level that are 20dB below the offical limit are not reported

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

4.6.1. Type of Network : IEEE 802.11b

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Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11b CH1 2412MHz
Memo :

Data NO. : 33
Ant. pol. : HORIZONTAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	32.91	18.40	0.48	38.73	30.01	40.00	9.99	QP
2	94.99	10.55	0.79	48.08	32.02	43.50	11.48	QP
3	156.10	11.00	1.10	51.86	36.79	43.50	6.71	QP
4	343.31	15.00	1.77	47.54	37.33	46.00	8.67	QP
5	792.42	20.54	2.90	39.65	34.98	46.00	11.02	QP
6	924.34	21.74	3.10	39.28	36.50	46.00	9.50	QP

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

Audix Technology(Wujiang)Co.,Ltd.
No.1289,Jiang Xing East Road,The Eastern Part of Wu Jiang
Economic Development Zone,JiangSu,China
Tel:(0512)63403993 Fax:(0512)63403993

Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11b CH1 2412MHz
Memo :

Data NO. : 34
Ant. pol. : VERTICAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	32.91	17.84	0.48	41.78	32.50	40.00	7.50	QP
2	44.55	11.35	0.54	49.80	34.15	40.00	5.85	QP
3	102.75	12.12	0.85	41.39	26.97	43.50	16.53	QP
4	157.07	10.93	1.17	48.99	33.82	43.50	9.68	QP
5	343.31	14.94	1.77	43.67	33.40	46.00	12.60	QP
6	960.23	22.10	3.09	40.18	37.79	54.00	16.21	QP

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

Audix Technology(Wujiang)Co.,Ltd.
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Economic Development Zone,JiangSu,China
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Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11b CH6 2437MHz
Memo :

Data NO. : 35
Ant. pol. : HORIZONTAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	94.99	10.55	0.79	47.05	30.99	43.50	12.51	QP
2	157.07	10.80	1.17	53.05	37.75	43.50	5.75	QP
3	218.18	10.40	1.42	46.83	31.62	46.00	14.38	QP
4	343.31	15.00	1.77	46.67	36.46	46.00	9.54	QP
5	528.58	18.06	2.47	42.07	34.20	46.00	11.80	QP
6	924.34	21.74	3.10	38.38	35.60	46.00	10.40	QP

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

Audix Technology(Wujiang)Co.,Ltd.
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Economic Development Zone,JiangSu,China
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Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11b CH6 2437MHz
Memo :

Data NO. : 36
Ant. pol. : VERTICAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	47.46	10.00	0.64	51.79	34.86	40.00	5.14	QP
2	157.07	10.93	1.17	49.07	33.90	43.50	9.60	QP
3	343.31	14.94	1.77	43.37	33.10	46.00	12.90	QP
4	528.58	18.06	2.47	37.99	30.12	46.00	15.88	QP
5	960.23	22.10	3.09	40.34	37.95	54.00	16.05	QP

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

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

Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11b CH11 2462MHz
Memo :

Data NO. : 37
Ant. pol. : HORIZONTAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	157.07	10.80	1.17	52.02	36.72	43.50	6.78	QP
2	223.03	10.60	1.41	47.35	32.33	46.00	13.67	QP
3	261.83	13.80	1.52	44.34	32.85	46.00	13.15	QP
4	343.31	15.00	1.77	47.06	36.85	46.00	9.15	QP
5	528.58	18.06	2.47	42.00	34.13	46.00	11.87	QP
6	924.34	21.74	3.10	38.48	35.70	46.00	10.30	QP

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

Audix Technology(Wujiang)Co.,Ltd.
No.1289,Jiang Xing East Road,The Eastern Part of Wu Jiang
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Tel:(0512)63403993 Fax:(0512)63403993

Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11b CH11 2462MHz
Memo :

Data NO. : 38
Ant. pol. : VERTICAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	31.94	18.40	0.46	39.85	31.10	40.00	8.90	QP
2	44.55	11.35	0.54	51.13	35.48	40.00	4.52	QP
3	149.31	11.50	1.13	46.61	32.05	43.50	11.45	QP
4	343.31	14.94	1.77	42.12	31.85	46.00	14.15	QP
5	528.58	18.06	2.47	37.63	29.76	46.00	16.24	QP
6	960.23	22.10	3.09	40.49	38.10	54.00	15.90	QP

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

4.6.2. Type of Network : IEEE 802.11g

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Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11g CH1 2412MHz
Memo :

Data NO. : 39
Ant. pol. : HORIZONTAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	32.91	18.40	0.48	38.30	29.58	40.00	10.42	QP
2	94.99	10.55	0.79	47.63	31.57	43.50	11.93	QP
3	160.95	10.70	1.22	50.98	35.65	43.50	7.85	QP
4	343.31	15.00	1.77	46.71	36.50	46.00	9.50	QP
5	528.58	18.06	2.47	41.90	34.03	46.00	11.97	QP
6	924.34	21.74	3.10	38.69	35.91	46.00	10.09	QP

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

Audix Technology(Wujiang)Co.,Ltd.
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Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11g CH1 2412MHz
Memo :

Data NO. : 40
Ant. pol. : VERTICAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	30.97	19.01	0.44	39.56	31.40	40.00	8.60	QP
2	48.43	9.56	0.64	52.47	35.10	40.00	4.90	QP
3	156.10	11.00	1.10	48.37	33.30	43.50	10.20	QP
4	343.31	14.94	1.77	43.12	32.85	46.00	13.15	QP
5	528.58	18.06	2.47	37.87	30.00	46.00	16.00	QP
6	960.23	22.10	3.09	40.71	38.32	54.00	15.68	QP

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

Audix Technology(Wujiang)Co.,Ltd.
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Economic Development Zone,JiangSu,China
Tel:(0512)63403993 Fax:(0512)63403993

Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11g CH6 2437MHz
Memo :

Data NO. : 41
Ant. pol. : HORIZONTAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	94.99	10.55	0.79	48.36	32.30	43.50	11.20	QP
2	156.10	11.00	1.10	53.00	37.93	43.50	5.57	QP
3	261.83	13.80	1.52	44.23	32.74	46.00	13.26	QP
4	343.31	15.00	1.77	46.67	36.46	46.00	9.54	QP
5	528.58	18.06	2.47	42.02	34.15	46.00	11.85	QP
6	924.34	21.74	3.10	38.24	35.46	46.00	10.54	QP

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

Audix Technology(Wujiang)Co.,Ltd.
No.1289,Jiang Xing East Road,The Eastern Part of Wu Jiang
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Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11g CH6 2437MHz
Memo :

Data NO. : 42
Ant. pol. : VERTICAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	40.67	13.50	0.55	46.14	32.66	40.00	7.34	QP
2	44.55	11.35	0.54	51.00	35.35	40.00	4.65	QP
3	156.10	11.00	1.10	49.42	34.35	43.50	9.15	QP
4	343.31	14.94	1.77	43.52	33.25	46.00	12.75	QP
5	528.58	18.06	2.47	38.15	30.28	46.00	15.72	QP
6	960.23	22.10	3.09	40.95	38.56	54.00	15.44	QP

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

Audix Technology(Wujiang)Co.,Ltd.
No.1289,Jiang Xing East Road,The Eastern Part of Wu Jiang
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Tel:(0512)63403993 Fax:(0512)63403993

Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11g CH11 2462MHz
Memo :

Data NO. : 43
Ant. pol. : HORIZONTAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	145.43	11.90	1.13	50.96	36.82	43.50	6.68	QP
2	156.10	11.00	1.10	52.16	37.09	43.50	6.41	QP
3	215.27	10.20	1.34	47.69	32.25	43.50	11.25	QP
4	343.31	15.00	1.77	46.15	35.94	46.00	10.06	QP
5	528.58	18.06	2.47	41.98	34.11	46.00	11.89	QP
6	924.34	21.74	3.10	38.53	35.75	46.00	10.25	QP

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

Audix Technology(Wujiang)Co.,Ltd.
No.1289,Jiang Xing East Road,The Eastern Part of Wu Jiang
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Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11g CH11 2462MHz
Memo :

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

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	47.46	10.00	0.64	51.61	34.68	40.00	5.32	QP
2	160.95	10.63	1.22	46.91	31.51	43.50	11.99	QP
3	175.50	9.80	1.14	47.41	31.15	43.50	12.35	QP
4	343.31	14.94	1.77	43.30	33.03	46.00	12.97	QP
5	800.18	20.70	2.86	36.19	31.70	46.00	14.30	QP
6	960.23	22.10	3.09	40.70	38.31	54.00	15.69	QP

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

4.6.3. Type of Network : IEEE 802.11n HT20

Audix Technology(Wujiang)Co.,Ltd.
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Economic Development Zone,JiangSu,China
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Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11nHT20 CH1 2412MHz
Memo :

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

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	157.07	10.80	1.17	51.95	36.65	43.50	6.85	QP
2	261.83	13.80	1.52	44.14	32.65	46.00	13.35	QP
3	343.31	15.00	1.77	46.51	36.30	46.00	9.70	QP
4	528.58	18.06	2.47	41.97	34.10	46.00	11.90	QP
5	796.30	20.62	2.89	39.17	34.62	46.00	11.38	QP
6	924.34	21.74	3.10	38.79	36.01	46.00	9.99	QP

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

Audix Technology(Wujiang)Co.,Ltd.
No.1289,Jiang Xing East Road,The Eastern Part of Wu Jiang
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Tel:(0512)63403993 Fax:(0512)63403993

Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11nHT20 CH1 2412MHz
Memo :

Data NO. : 46
Ant. pol. : VERTICAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	31.94	18.40	0.46	39.84	31.09	40.00	8.91	QP
2	47.46	10.00	0.64	52.43	35.50	40.00	4.50	QP
3	159.98	10.70	1.24	46.27	30.95	43.50	12.55	QP
4	343.31	14.94	1.77	43.03	32.76	46.00	13.24	QP
5	528.58	18.06	2.47	37.79	29.92	46.00	16.08	QP
6	960.23	22.10	3.09	40.36	37.97	54.00	16.03	QP

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

Audix Technology(Wujiang)Co.,Ltd.
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Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11nHT20 CH6 2437MHz
Memo :

Data NO. : 47
Ant. pol. : HORIZONTAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	94.99	10.55	0.79	48.19	32.13	43.50	11.37	QP
2	145.43	11.90	1.13	49.70	35.56	43.50	7.94	QP
3	152.22	11.30	1.09	50.28	35.47	43.50	8.03	QP
4	157.07	10.80	1.17	50.61	35.31	43.50	8.19	QP
5	528.58	18.06	2.47	42.73	34.86	46.00	11.14	QP
6	924.34	21.74	3.10	38.46	35.68	46.00	10.32	QP

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

Audix Technology(Wujiang)Co.,Ltd.
No.1289,Jiang Xing East Road,The Eastern Part of Wu Jiang
Economic Development Zone,JiangSu,China
Tel:(0512)63403993 Fax:(0512)63403993

Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11nHT20 CH6 2437MHz
Memo :

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

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	46.49	10.50	0.67	52.88	36.48	40.00	3.52	QP
2	51.34	8.60	0.57	52.80	34.39	40.00	5.61	QP
3	163.86	10.40	1.15	48.30	32.59	43.50	10.91	QP
4	343.31	14.94	1.77	43.32	33.05	46.00	12.95	QP
5	528.58	18.06	2.47	39.08	31.21	46.00	14.79	QP
6	960.23	22.10	3.09	41.82	39.43	54.00	14.57	QP

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

Audix Technology(Wujiang)Co.,Ltd.
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Economic Development Zone,JiangSu,China
Tel:(0512)63403993 Fax:(0512)63403993

Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11nHT20 CH11 2462MHz
Memo :

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

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	94.99	10.55	0.79	47.96	31.90	43.50	11.60	QP
2	156.10	11.00	1.10	51.53	36.46	43.50	7.04	QP
3	233.70	11.40	1.40	46.02	32.04	46.00	13.96	QP
4	343.31	15.00	1.77	44.50	34.29	46.00	11.71	QP
5	528.58	18.06	2.47	42.49	34.62	46.00	11.38	QP
6	924.34	21.74	3.10	38.30	35.52	46.00	10.48	QP

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

Audix Technology(Wujiang)Co.,Ltd.
No.1289,Jiang Xing East Road,The Eastern Part of Wu Jiang
Economic Development Zone,JiangSu,China
Tel:(0512)63403993 Fax:(0512)63403993

Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11nHT20 CH11 2462MHz
Memo :

Data NO. : 50
Ant. pol. : VERTICAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	30.97	19.01	0.44	39.21	31.05	40.00	8.95	QP
2	47.46	10.00	0.64	50.69	33.76	40.00	6.24	QP
3	157.07	10.93	1.17	47.61	32.44	43.50	11.06	QP
4	343.31	14.94	1.77	43.47	33.20	46.00	12.80	QP
5	528.58	18.06	2.47	38.24	30.37	46.00	15.63	QP
6	960.23	22.10	3.09	40.07	37.68	54.00	16.32	QP

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11nHT20 CH149 5745MHz
Memo :

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

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	268.62	13.55	1.58	32.28	20.64	46.00	25.36	QP
2	396.66	16.40	1.96	41.77	32.50	46.00	13.50	QP
3	528.58	18.06	2.47	40.73	32.86	46.00	13.14	QP
4	660.50	19.50	2.67	36.37	30.34	46.00	15.66	QP
5	862.26	21.22	3.02	40.48	36.89	46.00	9.11	QP
6	924.34	21.74	3.10	42.29	39.51	46.00	6.49	QP

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11nHT20 CH149 5745MHz
Memo :

Data NO. : 58
Ant. pol. : VERTICAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	40.67	13.50	0.55	39.65	26.17	40.00	13.83	QP
2	78.50	7.23	0.77	38.13	18.64	40.00	21.36	QP
3	528.58	18.06	2.47	34.67	26.80	46.00	19.20	QP
4	660.50	19.50	2.67	33.89	27.86	46.00	18.14	QP
5	757.50	20.42	2.74	35.68	30.42	46.00	15.58	QP
6	831.22	21.00	2.88	31.98	27.76	46.00	18.24	QP

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11nHT20 CH157 5785MHz
Memo :

Data NO. : 59
Ant. pol. : HORIZONTAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	30.00	19.70	0.43	26.70	19.20	40.00	20.80	QP
2	396.66	16.40	1.96	41.62	32.35	46.00	13.65	QP
3	528.58	18.06	2.47	40.79	32.92	46.00	13.08	QP
4	660.50	19.50	2.67	37.75	31.72	46.00	14.28	QP
5	855.47	21.28	2.96	40.49	36.97	46.00	9.03	QP
6	924.34	21.74	3.10	42.12	39.34	46.00	6.66	QP

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11nHT20 CH157 5785MHz
Memo :

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

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	36.79	15.49	0.51	36.49	24.91	40.00	15.09	QP
2	78.50	7.23	0.77	39.79	20.30	40.00	19.70	QP
3	396.66	16.43	1.96	34.19	24.95	46.00	21.05	QP
4	528.58	18.06	2.47	34.93	27.06	46.00	18.94	QP
5	660.50	19.50	2.67	34.32	28.29	46.00	17.71	QP
6	757.50	20.42	2.74	36.25	30.99	46.00	15.01	QP

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11nHT20 CH165 5825MHz
Memo :

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

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	30.97	19.70	0.44	26.10	18.63	40.00	21.37	QP
2	396.66	16.40	1.96	41.57	32.30	46.00	13.70	QP
3	528.58	18.06	2.47	39.33	31.46	46.00	14.54	QP
4	660.50	19.50	2.67	37.07	31.04	46.00	14.96	QP
5	855.47	21.28	2.96	40.69	37.17	46.00	8.83	QP
6	924.34	21.74	3.10	41.35	38.57	46.00	7.43	QP

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11nHT20 CH165 5825MHz
Memo :

Data NO. : 62
Ant. pol. : VERTICAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	43.58	11.80	0.54	35.16	19.97	40.00	20.03	QP
2	261.83	13.80	1.52	29.96	18.47	46.00	27.53	QP
3	396.66	16.43	1.96	32.90	23.66	46.00	22.34	QP
4	660.50	19.50	2.67	33.69	27.66	46.00	18.34	QP
5	757.50	20.42	2.74	35.81	30.55	46.00	15.45	QP
6	924.34	21.73	3.10	31.29	28.50	46.00	17.50	QP

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

4.6.4. Type of Network : IEEE 802.11a

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Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11a CH149 5745MHz
Memo :

Data NO. : 51
Ant. pol. : HORIZONTAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	31.94	18.40	0.46	28.24	19.49	40.00	20.51	QP
2	396.66	16.40	1.96	41.45	32.18	46.00	13.82	QP
3	528.58	18.06	2.47	40.91	33.04	46.00	12.96	QP
4	660.50	19.50	2.67	39.19	33.16	46.00	12.84	QP
5	850.62	21.36	2.93	40.53	37.14	46.00	8.86	QP
6	924.34	21.74	3.10	42.11	39.33	46.00	6.67	QP

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11a CH149 5745MHz
Memo :

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

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	44.55	11.35	0.54	38.20	22.55	40.00	17.45	QP
2	78.50	7.23	0.77	40.68	21.19	40.00	18.81	QP
3	660.50	19.50	2.67	34.51	28.48	46.00	17.52	QP
4	757.50	20.42	2.74	34.82	29.56	46.00	16.44	QP
5	878.75	21.30	2.99	34.90	31.48	46.00	14.52	QP
6	951.50	22.00	3.19	36.53	34.18	46.00	11.82	QP

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11a CH157 5785MHz
Memo :

Data NO. : 53
Ant. pol. : HORIZONTAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	78.50	7.40	0.77	34.49	15.17	40.00	24.83	QP
2	396.66	16.40	1.96	41.91	32.64	46.00	13.36	QP
3	528.58	18.06	2.47	40.88	33.01	46.00	12.99	QP
4	660.50	19.50	2.67	41.05	35.02	46.00	10.98	QP
5	862.26	21.22	3.02	41.16	37.57	46.00	8.43	QP
6	924.34	21.74	3.10	42.99	40.21	46.00	5.79	QP

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11a CH157 5785MHz
Memo :

Data NO. : 54
Ant. pol. : VERTICAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	36.79	15.49	0.51	36.49	24.91	40.00	15.09	QP
2	41.64	12.90	0.55	35.67	21.59	40.00	18.41	QP
3	78.50	7.23	0.77	39.79	20.30	40.00	19.70	QP
4	528.58	18.06	2.47	34.93	27.06	46.00	18.94	QP
5	757.50	20.42	2.74	36.25	30.99	46.00	15.01	QP
6	924.34	21.73	3.10	31.65	28.86	46.00	17.14	QP

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11a CH165 5825MHz
Memo :

Data NO. : 55
Ant. pol. : HORIZONTAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	78.50	7.40	0.77	34.93	15.61	40.00	24.39	QP
2	396.66	16.40	1.96	41.88	32.61	46.00	13.39	QP
3	528.58	18.06	2.47	40.83	32.96	46.00	13.04	QP
4	660.50	19.50	2.67	41.05	35.02	46.00	10.98	QP
5	855.47	21.28	2.96	40.79	37.27	46.00	8.73	QP
6	924.34	21.74	3.10	41.87	39.09	46.00	6.91	QP

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 6112D(22250)-12-08
Limit : FCC PART 15 CLASS B
Env. / Ins. : 17*C40%/ESCI
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11a CH165 5825MHz
Memo :

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

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	32.91	17.84	0.48	37.40	28.12	40.00	11.88	QP
2	44.55	11.35	0.54	37.71	22.06	40.00	17.94	QP
3	60.07	6.80	0.55	38.29	18.07	40.00	21.93	QP
4	78.50	7.23	0.77	40.46	20.97	40.00	19.03	QP
5	660.50	19.50	2.67	34.93	28.90	46.00	17.10	QP
6	757.50	20.42	2.74	36.24	30.98	46.00	15.02	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 chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11b CH1 2412MHz
Memo :

Data NO. : 63
Ant. pol. : HORIZONTAL
Engineer : Justin

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
111296.00	39.42	14.01	34.96	54.17	74.00	19.83	Peak
211299.16	39.42	14.01	18.36	37.57	54.00	16.43	Average

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11b CH1 2412MHz
Memo :

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

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1 9436.00	38.90	12.39	37.57	54.39	74.00	19.61	Peak
2 9457.20	38.90	12.32	19.52	36.28	54.00	17.72	Average

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11b CH6 2437MHz
Memo :

Data NO. : 65
Ant. pol. : HORIZONTAL
Engineer : Justin

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
111296.00	39.42	14.01	35.84	55.05	74.00	18.95	Peak
211298.62	39.42	14.01	19.32	38.53	54.00	15.47	Average

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11b CH6 2437MHz
Memo :

Data NO. : 66
Ant. pol. : VERTICAL
Engineer : Justin

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
112580.00	39.68	15.05	33.74	55.35	74.00	18.65	Peak
212591.25	39.74	15.05	19.96	41.67	54.00	12.33	Average

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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Economic Development Zone,JiangSu,China
Tel:(0512)63403993 Fax:(0512)63403993

Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11b CH11 2462MHz
Memo :

Data NO. : 67
Ant. pol. : HORIZONTAL
Engineer : Justin

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
111080.00	39.33	13.29	35.45	53.82	74.00	20.18	Peak
211091.21	39.34	13.44	21.07	39.60	54.00	14.40	Average

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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Economic Development Zone,JiangSu,China
Tel:(0512)63403993 Fax:(0512)63403993

Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11b CH11 2462MHz
Memo :

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

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
111320.00	39.43	14.72	34.21	54.14	74.00	19.86	Peak
211351.20	39.44	14.72	19.36	39.31	54.00	14.69	Average

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

4.7.2. Type of Network : IEEE 802.11g

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Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11g CH1 2412MHz
Memo :

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

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
111296.00	39.42	14.01	35.73	54.94	74.00	19.06	Peak
211298.43	39.42	14.01	19.75	38.96	54.00	15.04	Average

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11g CH1 2412MHz
Memo :

Data NO. : 70
Ant. pol. : VERTICAL
Engineer : Justin

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
111152.00	39.36	13.59	35.54	54.25	74.00	19.75	Peak
211161.21	39.37	14.07	19.81	39.01	54.00	14.99	Average

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11g CH6 2437MHz
Memo :

Data NO. : 71
Ant. pol. : HORIZONTAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	9412.00	38.90	12.39	38.56	55.38	74.00	18.62	Peak
2	9436.20	38.90	12.39	17.21	34.03	54.00	19.97	Average

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11g CH6 2437MHz
Memo :

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

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11320.00	39.43	14.72	34.72	54.65	74.00	19.35	Peak
2	11360.20	39.44	14.30	18.32	37.85	54.00	16.15	Average

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11g CH11 2462MHz
Memo :

Data NO. : 73
Ant. pol. : HORIZONTAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	9436.00	38.90	12.39	37.80	54.62	74.00	19.38	Peak
2	9451.20	38.90	12.32	20.16	36.91	54.00	17.09	Average

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11g CH11 2462MHz
Memo :

Data NO. : 74
Ant. pol. : VERTICAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	111176.00	39.37	14.07	35.45	54.65	74.00	19.35	Peak
2	211180.15	39.37	14.07	19.33	38.53	54.00	15.47	Average

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

4.7.3. Type of Network : IEEE 802.11n HT20

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Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11n CH1 2412MHz
Memo :

Data NO. : 75
Ant. pol. : HORIZONTAL
Engineer : Justin

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
110900.00	39.34	14.21	35.53	54.81	74.00	19.19	Peak
210913.21	39.33	14.21	20.34	39.62	54.00	14.38	Average

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11n CH1 2412MHz
Memo :

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

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
111512.00	39.50	14.70	34.49	54.50	74.00	19.50	Peak
211527.20	39.47	14.70	18.32	38.30	54.00	15.70	Average

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11n CH6 2437MHz
Memo :

Data NO. : 77
Ant. pol. : HORIZONTAL
Engineer : Justin

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
111152.00	39.36	13.59	37.30	56.01	74.00	17.99	Peak
211161.20	39.37	14.07	18.31	37.51	54.00	16.49	Average

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11n CH6 2437MHz
Memo :

Data NO. : 78
Ant. pol. : VERTICAL
Engineer : Justin

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
111332.00	39.43	14.72	34.26	54.19	74.00	19.81	Peak
211346.30	39.44	14.72	18.21	38.16	54.00	15.84	Average

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11n CH11 2462MHz
Memo :

Data NO. : 79
Ant. pol. : HORIZONTAL
Engineer : Justin

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
110840.00	39.36	14.20	35.78	55.07	74.00	18.93	Peak
210863.21	39.36	13.84	19.32	38.25	54.00	15.75	Average

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11n CH11 2462MHz
Memo :

Data NO. : 80
Ant. pol. : VERTICAL
Engineer : Justin

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
111320.00	39.43	14.72	35.30	55.23	74.00	18.77	Peak
211361.20	39.44	14.30	18.31	37.84	54.00	16.16	Average

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11nHT20 CH149 5745MHz
Memo :

Data NO. : 87
Ant. pol. : HORIZONTAL
Engineer : Justin

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
111176.00	39.37	14.37	36.02	55.52	74.00	18.48	Peak
211185.20	39.37	14.37	17.63	37.13	54.00	16.87	Average

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11nHT20 CH149 5745MHz
Memo :

Data NO. : 88
Ant. pol. : VERTICAL
Engineer : Justin

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
110276.00	39.33	13.46	37.77	56.26	74.00	17.74	Peak
210285.27	39.33	13.46	16.53	35.02	54.00	18.98	Average

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11nHT20 CH157 5785MHz
Memo :

Data NO. : 89
Ant. pol. : HORIZONTAL
Engineer : Justin

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
112760.00	40.31	15.34	34.81	57.64	74.00	16.36	Peak
212768.03	40.31	15.34	17.79	40.62	54.00	13.38	Average

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11nHT20 CH157 5785MHz
Memo :

Data NO. : 90
Ant. pol. : VERTICAL
Engineer : Justin

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
111116.00	39.35	14.38	37.21	56.70	74.00	17.30	Peak
211125.27	39.35	14.38	17.51	37.00	54.00	17.00	Average

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11nHT20 CH165 5825MHz
Memo :

Data NO. : 91
Ant. pol. : HORIZONTAL
Engineer : Justin

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
111092.00	39.34	14.44	36.85	56.38	74.00	17.62	Peak
211099.10	39.34	14.44	17.33	36.86	54.00	17.14	Average

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11nHT20 CH165 5825MHz
Memo :

Data NO. : 92
Ant. pol. : VERTICAL
Engineer : Justin

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
112712.00	40.14	15.26	36.08	58.57	74.00	15.43	Peak
212721.70	40.19	15.34	17.48	40.15	54.00	13.85	Average

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

4.7.4. Type of Network : IEEE 802.11a

Audix Technology(Wujiang)Co.,Ltd.
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Economic Development Zone,JiangSu,China
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Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11a CH149 5745MHz
Memo :

Data NO. : 81
Ant. pol. : HORIZONTAL
Engineer : Justin

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
111260.00	39.41	14.40	36.29	55.87	74.00	18.13	Peak
211273.50	39.41	14.39	18.92	38.50	54.00	15.50	Average

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11a CH149 5745MHz
Memo :

Data NO. : 82
Ant. pol. : VERTICAL
Engineer : Justin

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
112016.00	38.63	14.83	36.35	55.72	74.00	18.28	Peak
212021.21	38.63	14.83	17.32	36.69	54.00	17.31	Average

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

Audix Technology(Wujiang)Co.,Ltd.
No.1289,Jiang Xing East Road,The Eastern Part of Wu Jiang
Economic Development Zone,JiangSu,China
Tel:(0512)63403993 Fax:(0512)63403993

Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11a CH157 5785MHz
Memo :

Data NO. : 83
Ant. pol. : HORIZONTAL
Engineer : Justin

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
112172.00	38.88	14.79	35.27	55.12	74.00	18.88	Peak
212176.20	38.88	14.79	19.32	39.17	54.00	14.83	Average

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11a CH157 5785MHz
Memo :

Data NO. : 84
Ant. pol. : VERTICAL
Engineer : Justin

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
112820.00	40.48	15.45	35.80	59.04	74.00	14.96	Peak
212834.20	40.53	15.45	14.70	37.99	54.00	16.01	Average

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11a CH165 5825MHz
Memo :

Data NO. : 85
Ant. pol. : HORIZONTAL
Engineer : Justin

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
112172.00	38.88	14.79	35.70	55.55	74.00	18.45	Peak
212196.12	38.93	14.79	17.65	37.59	54.00	16.41	Average

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

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Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11a CH165 5825MHz
Memo :

Data NO. : 86
Ant. pol. : VERTICAL
Engineer : Justin

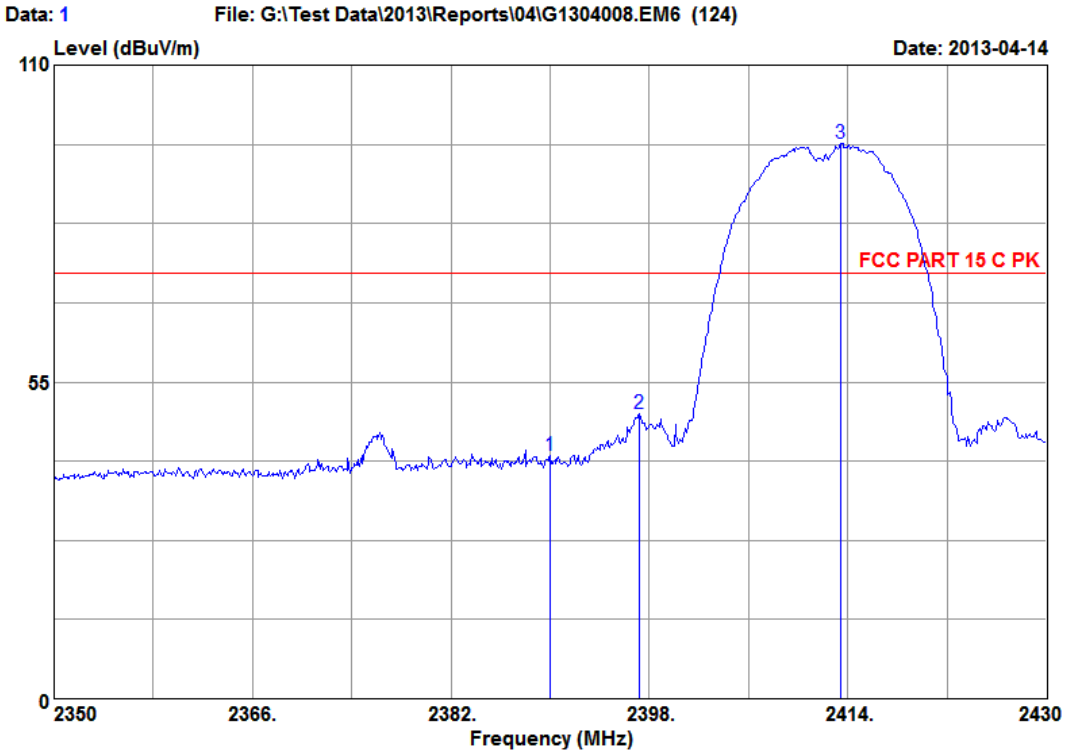
Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
111212.00	39.39	14.42	36.19	55.77	74.00	18.23	Peak
211221.06	39.39	14.41	17.95	37.52	54.00	16.48	Average

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

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

4.8.1. IEEE 802.11b

Audix Technology(Wujiang)Co.,Ltd.
No.1289,Jiang Xing East Road,The Eastern Part of Wu Jiang
Economic Development Zone,JiangSu,China
Tel:(0512)63403993 Fax:(0512)63403993



Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11b CH1 2412MHz
Memo :

Data NO. : 1
Ant. pol. : HORIZONTAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.20	5.92	43.26	42.31	74.00	31.69	Peak
2	2397.20	28.20	5.92	50.36	49.41	74.00	24.59	Peak
3	2413.44	28.19	5.92	97.37	96.41	74.00	-22.41	Peak

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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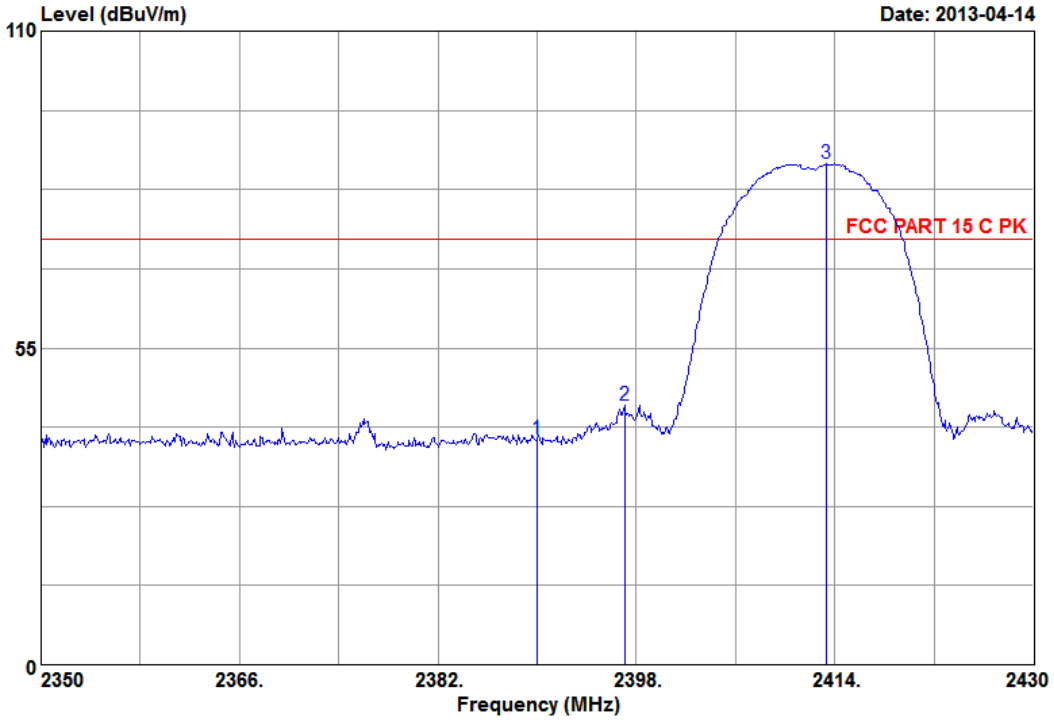
Data: 2 File: G:\Test Data\2013\Reports\04\G1304008.EM6 (124)



Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11b CH1 2412MHz
Memo :

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

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.20	5.92	40.24	39.29	74.00	34.71	Peak
2	2397.04	28.20	5.92	46.10	45.15	74.00	28.85	Peak
3	2413.28	28.19	5.92	87.93	86.97	74.00	-12.97	Peak

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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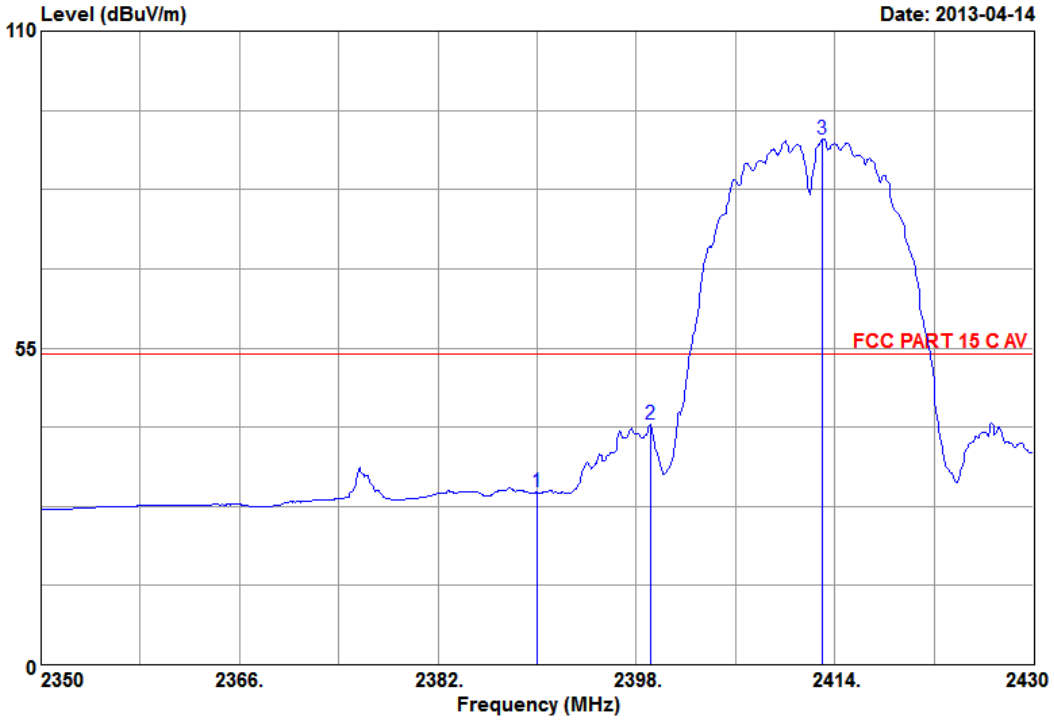
Data: 3 File: G:\Test Data\2013\Reports\04\G1304008.EM6 (124)



Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C AV
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11b CH1 2412MHz
Memo :

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

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.20	5.92	30.92	29.97	54.00	24.03	Average
2	2399.20	28.20	5.92	42.61	41.66	54.00	12.34	Average
3	2413.04	28.19	5.92	92.23	91.27	54.00	-37.27	Average

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

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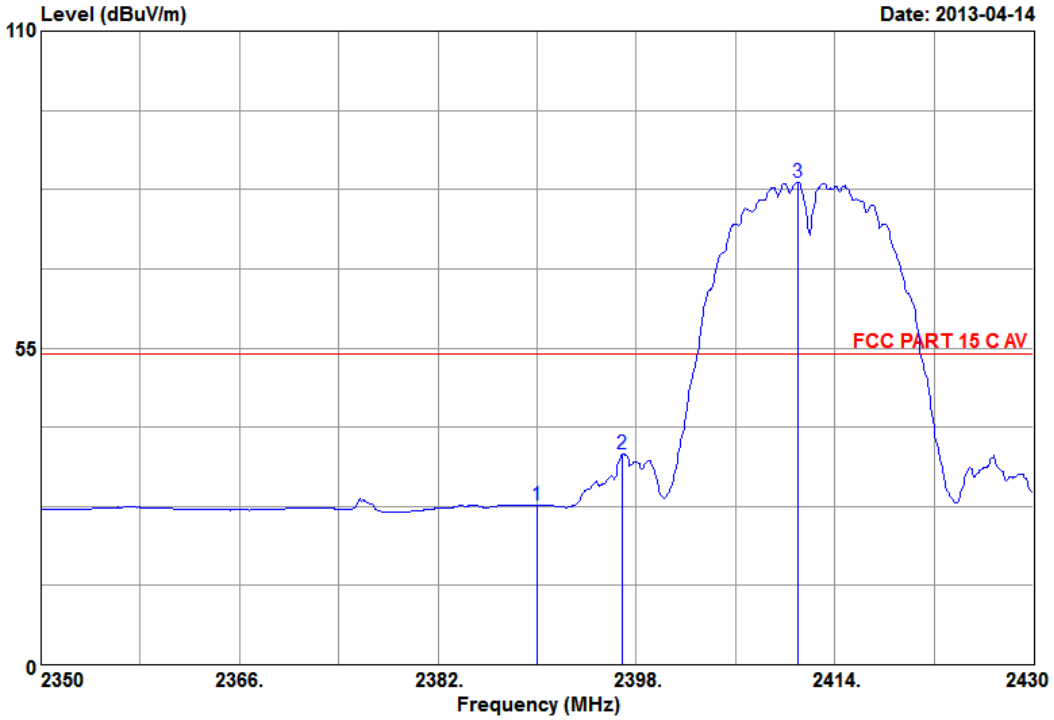
Data: 4 File: G:\Test Data\2013\Reports\04\G1304008.EM6 (124)



Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C AV
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11b CH1 2412MHz
Memo :

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

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.20	5.92	28.68	27.73	54.00	26.27	Average
2	2396.88	28.20	5.92	37.60	36.65	54.00	17.35	Average
3	2411.04	28.19	5.92	84.81	83.85	54.00	-29.85	Average

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

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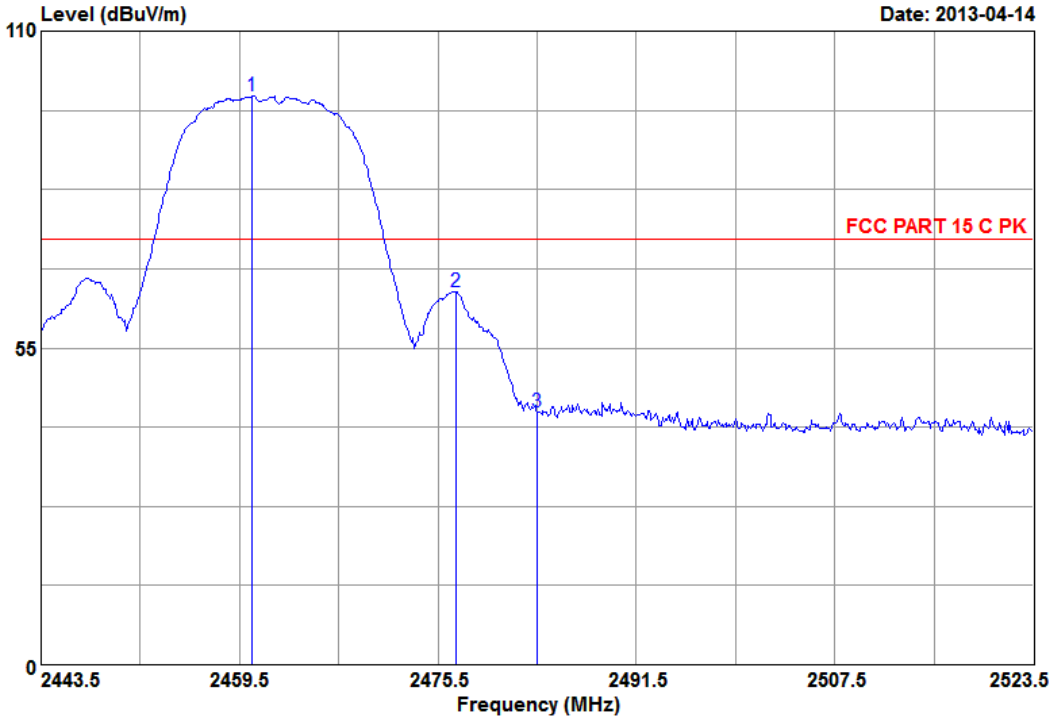
Data: 5 File: G:\Test Data\2013\Reports\04\G1304008.EM6 (124)



Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11b CH11 2462MHz
Memo :

Data NO. : 5
Ant. pol. : HORIZONTAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2460.54	28.13	6.11	99.52	98.70	74.00	-24.70	Peak
2	2476.94	28.12	6.29	65.51	64.86	74.00	9.14	Peak
3	2483.50	28.12	6.29	44.49	43.84	74.00	30.16	Peak

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

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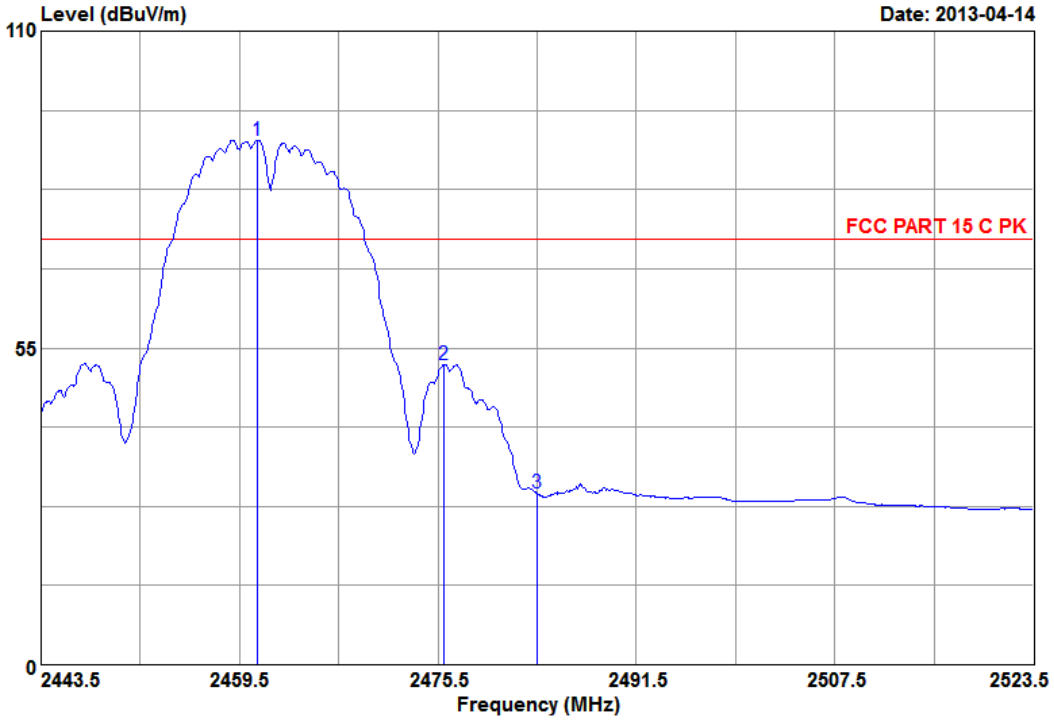
Data: 6 File: G:\Test Data\2013\Reports\04\G1304008.EM6 (124)



Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11b CH11 2462MHz
Memo :

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

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2460.94	28.13	6.11	91.87	91.05	74.00	-17.05	Peak
2	2475.98	28.12	6.29	52.74	52.09	74.00	21.91	Peak
3	2483.50	28.12	6.29	30.47	29.82	74.00	44.18	Peak

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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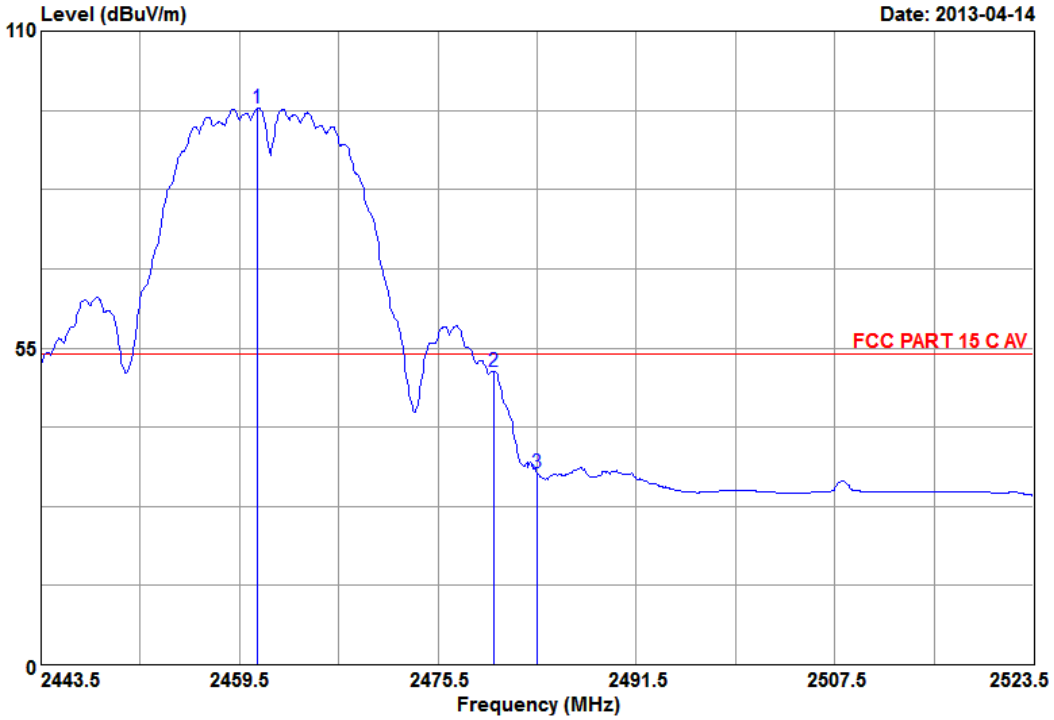
Data: 7 File: G:\Test Data\2013\Reports\04\G1304008.EM6 (124)



Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C AV
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11b CH11 2462MHz
Memo :

Data NO. : 7
Ant. pol. : HORIZONTAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2460.94	28.13	6.11	97.41	96.59	54.00	-42.59	Average
2	2479.98	28.12	6.29	51.67	51.02	54.00	2.98	Average
3	2483.50	28.12	6.29	34.00	33.35	54.00	20.65	Average

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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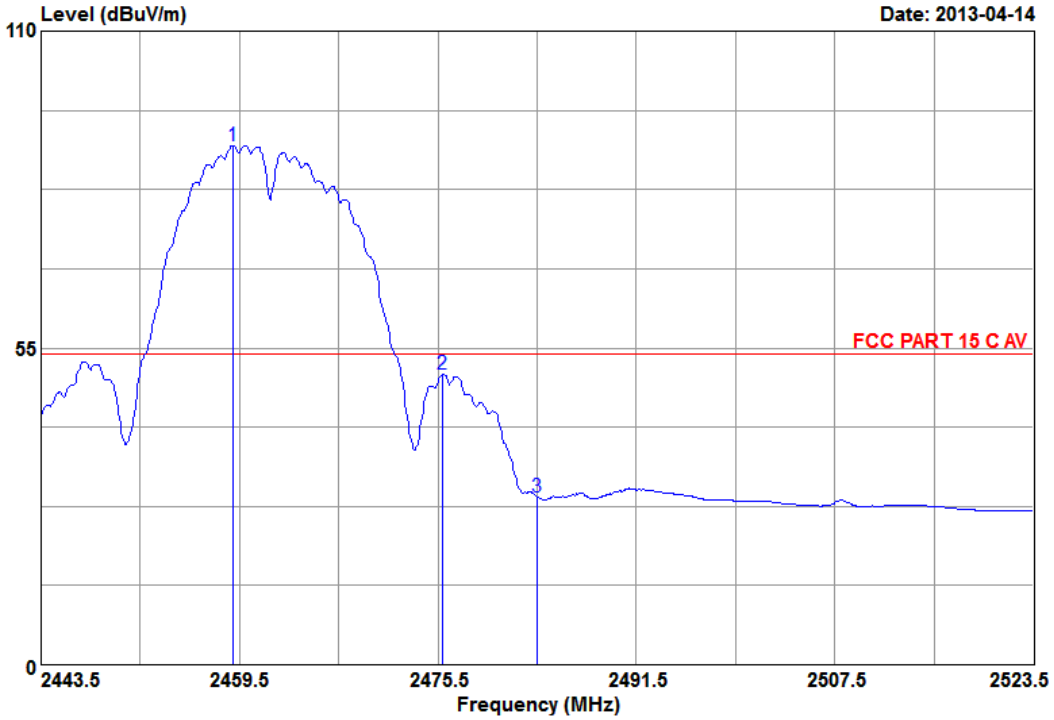
Data: 8 File: G:\Test Data\2013\Reports\04\G1304008.EM6 (124)



Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C AV
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11b CH11 2462MHz
Memo :

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

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2458.94	28.13	6.11	91.00	90.18	54.00	-36.18	Average
2	2475.90	28.12	6.29	51.07	50.42	54.00	3.58	Average
3	2483.50	28.12	6.29	29.84	29.19	54.00	24.81	Average

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

4.8.2. IEEE 802.11g

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Economic Development Zone,JiangSu,China
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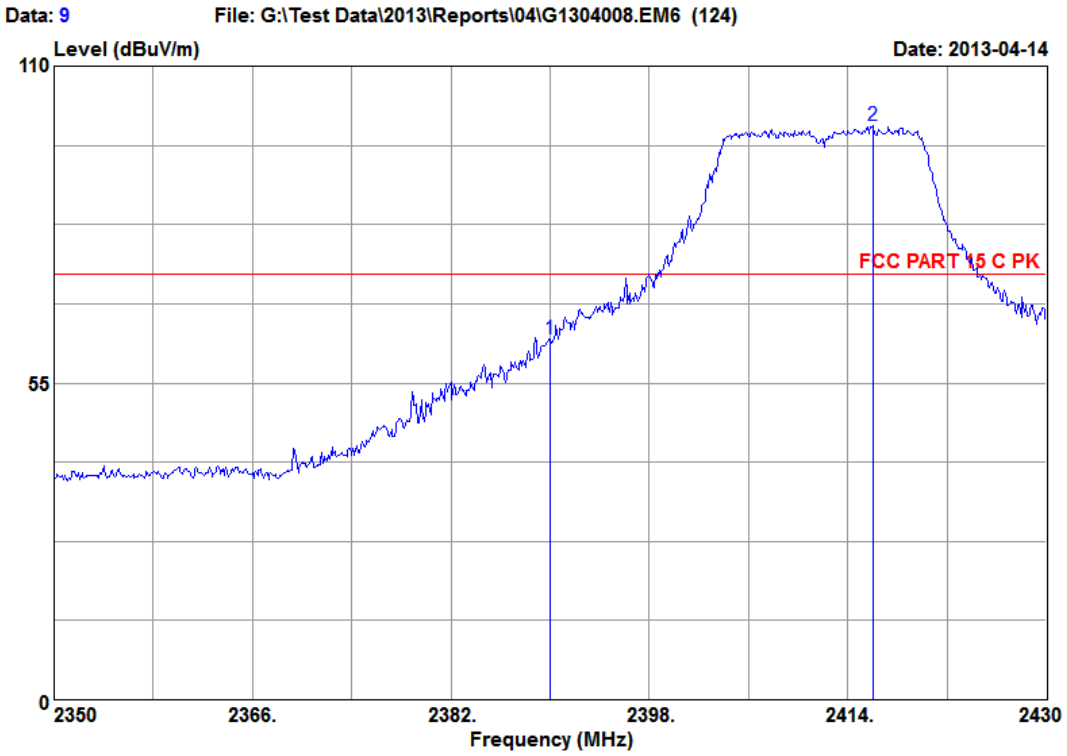

Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11g CH1 2412MHz
Memo :

Data NO. : 9
Ant. pol. : HORIZONTAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.20	5.92	63.53	62.58	74.00	11.42	Peak
2	2416.00	28.19	5.92	100.64	99.69	74.00	-25.69	Peak

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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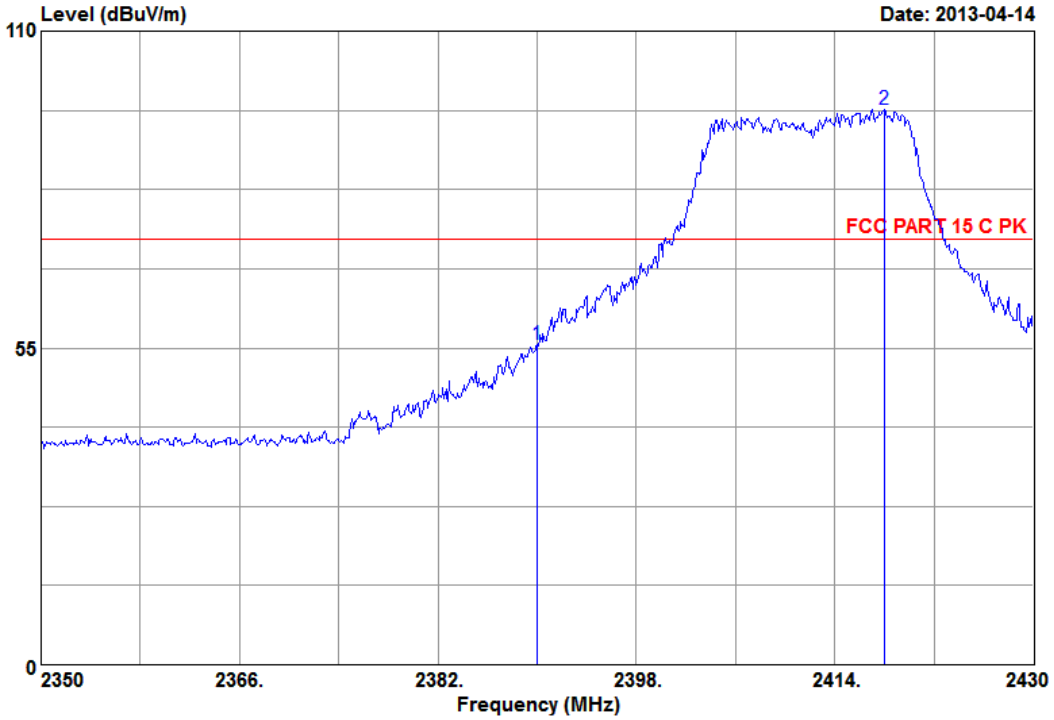
Data: 10 File: G:\Test Data\2013\Reports\04\G1304008.EM6 (124)



Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11g CH1 2412MHz
Memo :

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

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.20	5.92	56.60	55.65	74.00	18.35	Peak
2	2418.00	28.19	5.92	97.33	96.38	74.00	-22.38	Peak

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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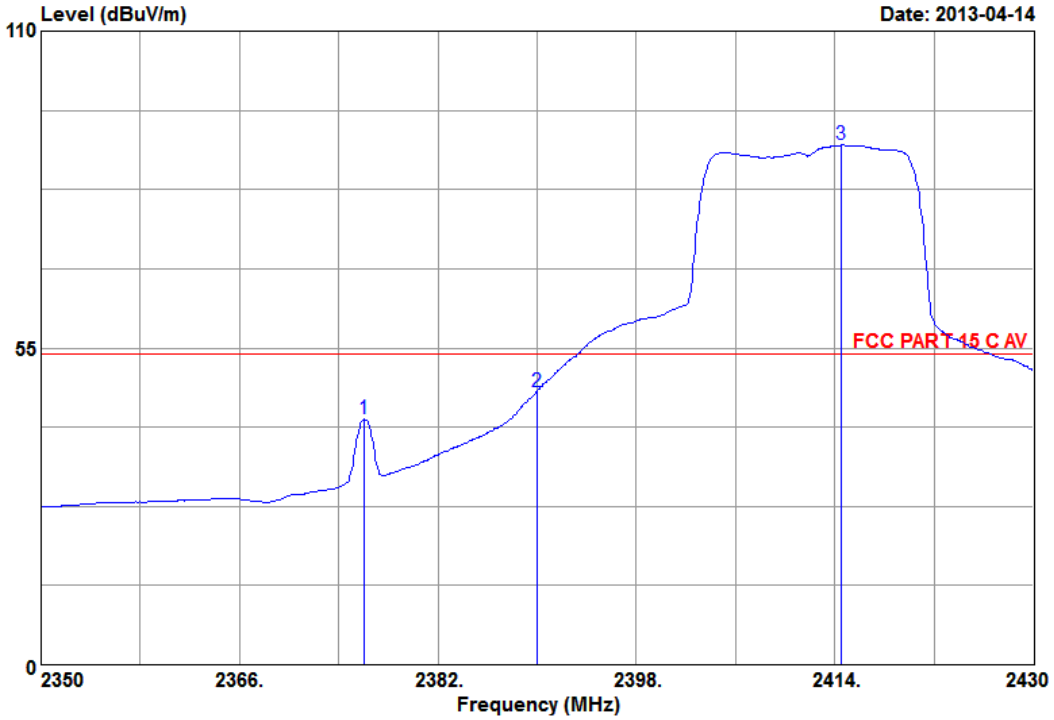
Data: 11 File: G:\Test Data\2013\Reports\04\G1304008.EM6 (124)



Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C AV
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11g CH1 2412MHz
Memo :

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

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2376.08	28.22	6.12	43.31	42.58	54.00	11.42	Average
2	2390.00	28.20	5.92	48.44	47.49	54.00	6.51	Average
3	2414.48	28.19	5.92	91.18	90.22	54.00	-36.22	Average

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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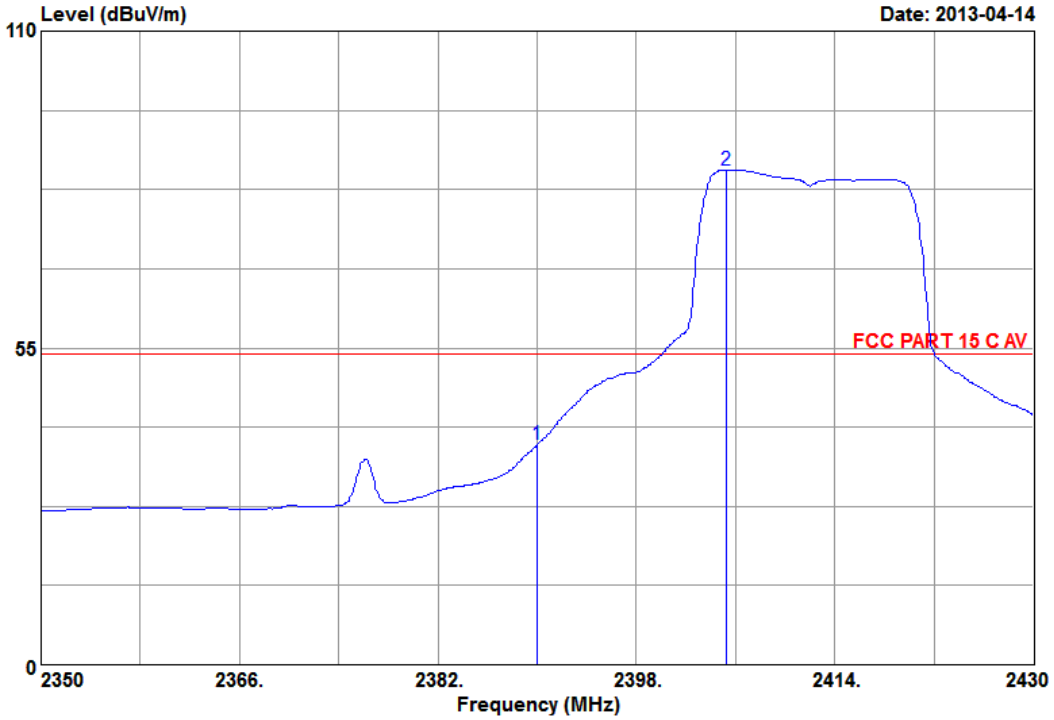
Data: 12 File: G:\Test Data\2013\Reports\04\G1304008.EM6 (124)



Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C AV
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11g CH1 2412MHz
Memo :

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

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.20	5.92	39.13	38.18	54.00	15.82	Average
2	2405.20	28.19	5.92	86.93	85.97	54.00	-31.97	Average

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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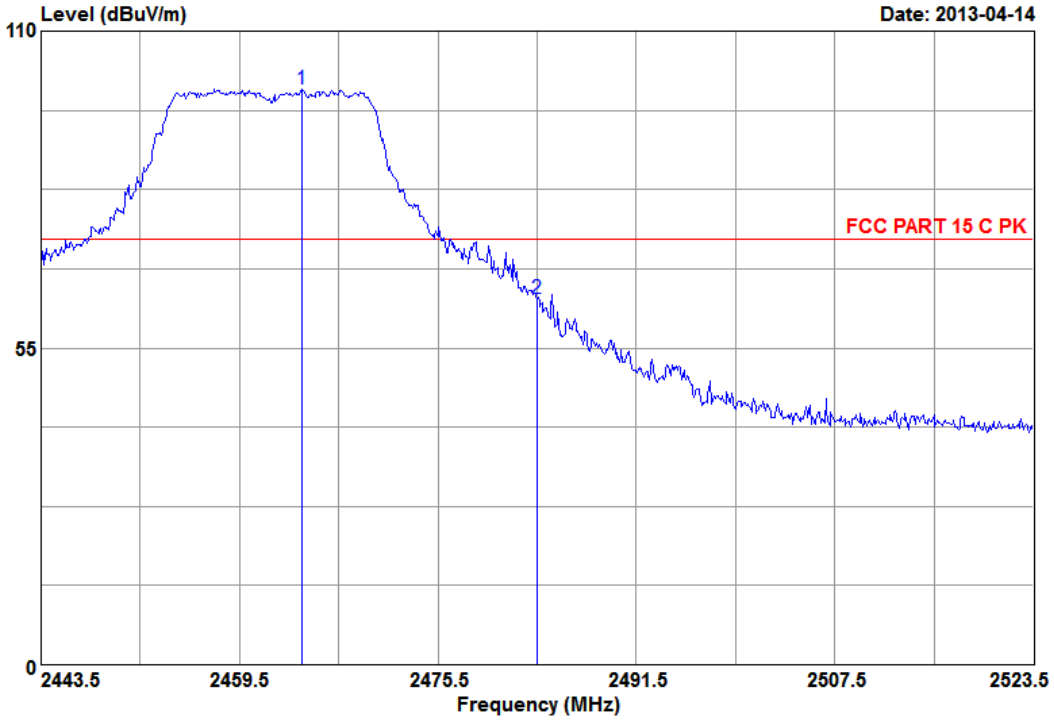
Data: 13 File: G:\Test Data\2013\Reports\04\G1304008.EM6 (124)



Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11g CH11 2462MHz
Memo :

Data NO. : 13
Ant. pol. : HORIZONTAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2464.54	28.13	6.29	100.49	99.85	74.00	-25.85	Peak
2	2483.50	28.12	6.29	64.31	63.66	74.00	10.34	Peak

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

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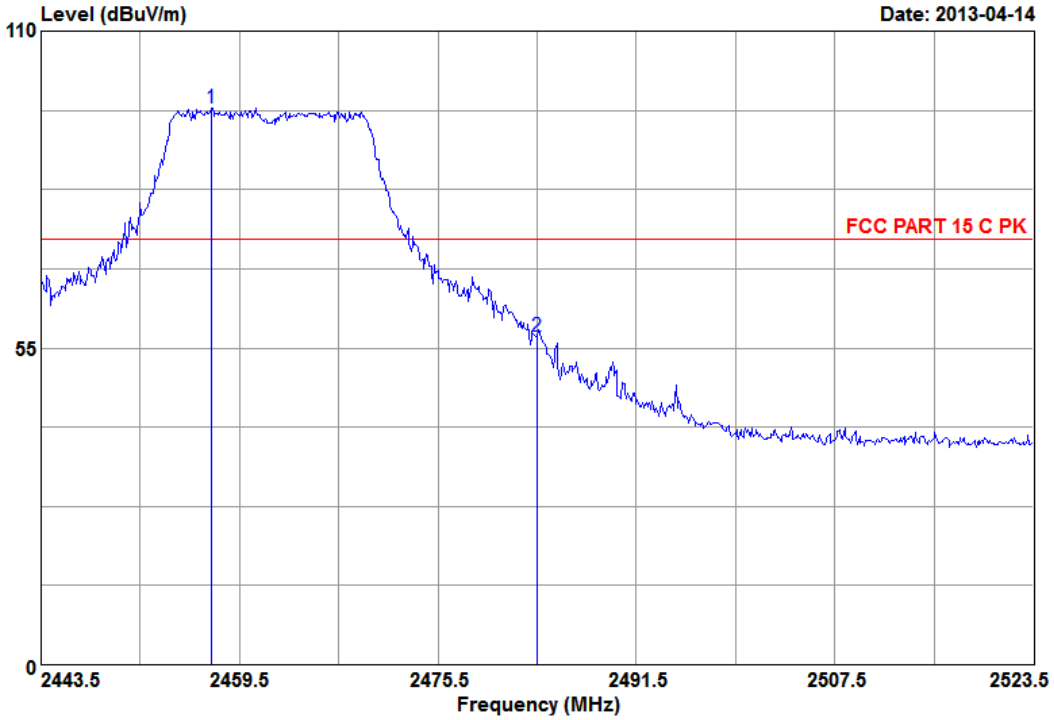
Data: 14 File: G:\Test Data\2013\Reports\04\G1304008.EM6 (124)



Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11g CH11 2462MHz
Memo :

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

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2457.18	28.13	6.11	97.49	96.67	74.00	-22.67	Peak
2	2483.50	28.12	6.29	57.69	57.04	74.00	16.96	Peak

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

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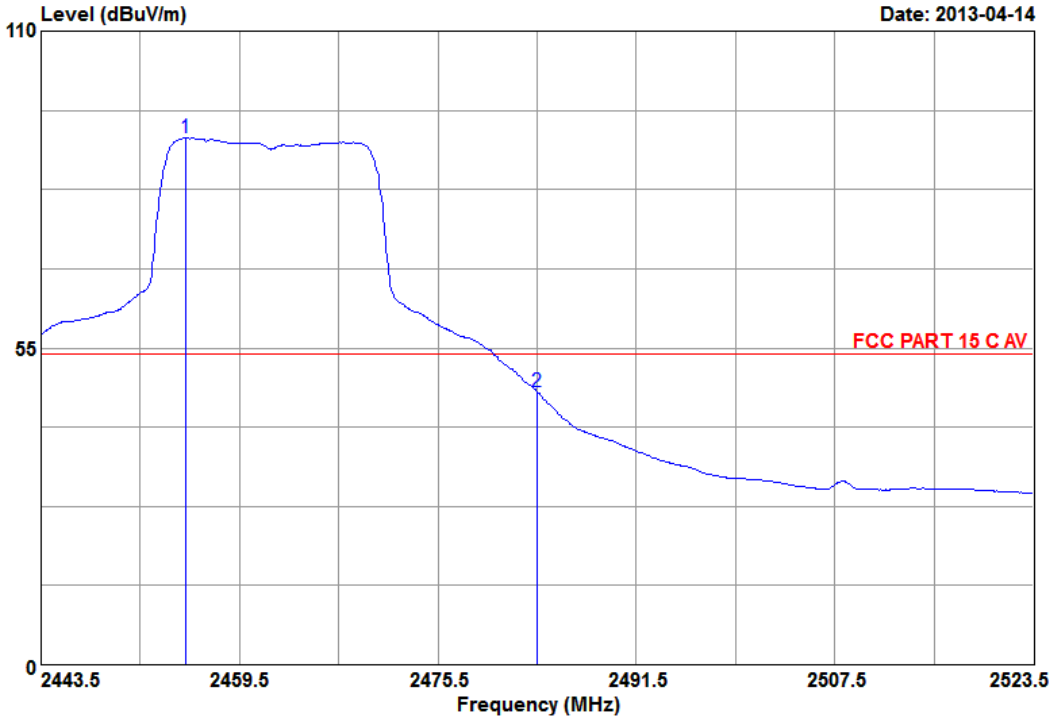
Data: 16 File: G:\Test Data\2013\Reports\04\G1304008.EM6 (124)



Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C AV
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11g CH11 2462MHz
Memo :

Data NO. : 16
Ant. pol. : HORIZONTAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2455.18	28.13	6.11	92.23	91.41	54.00	-37.41	Average
2	2483.50	28.12	6.29	48.11	47.46	54.00	6.54	Average

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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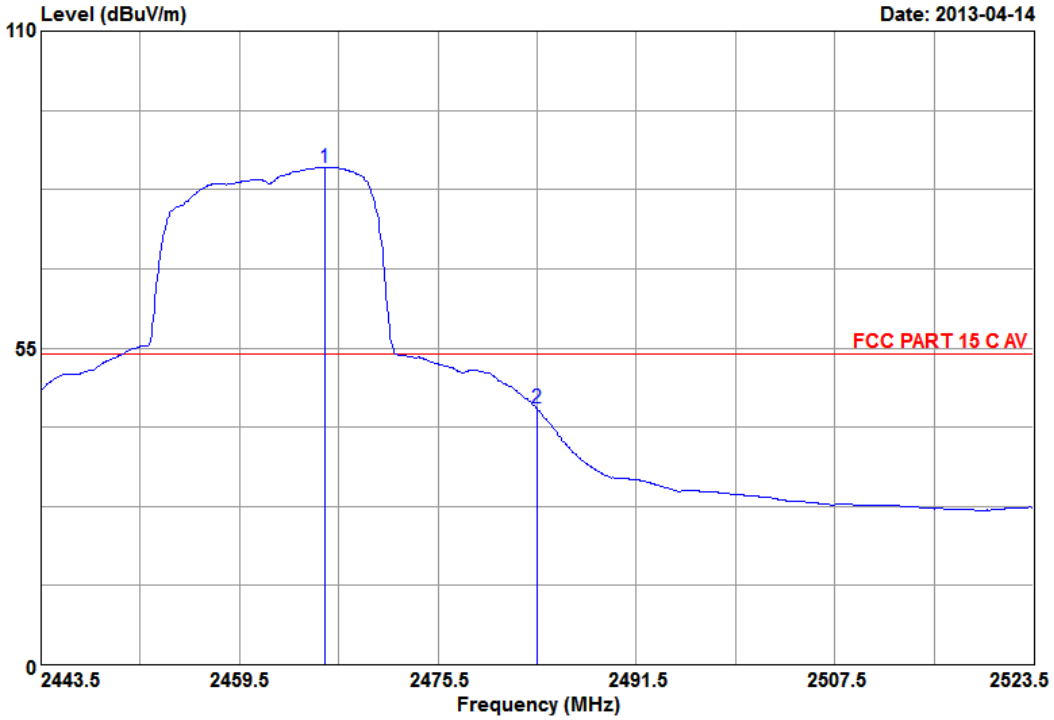
Data: 15 File: G:\Test Data\2013\Reports\04\G1304008.EM6 (124)



Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C AV
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11g CH11 2462MHz
Memo :

Data NO. : 15
Ant. pol. : VERTICAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2466.38	28.13	6.29	86.97	86.33	54.00	-32.33	Average
2	2483.50	28.12	6.29	45.16	44.51	54.00	9.49	Average

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

4.8.3. IEEE 802.11n HT20

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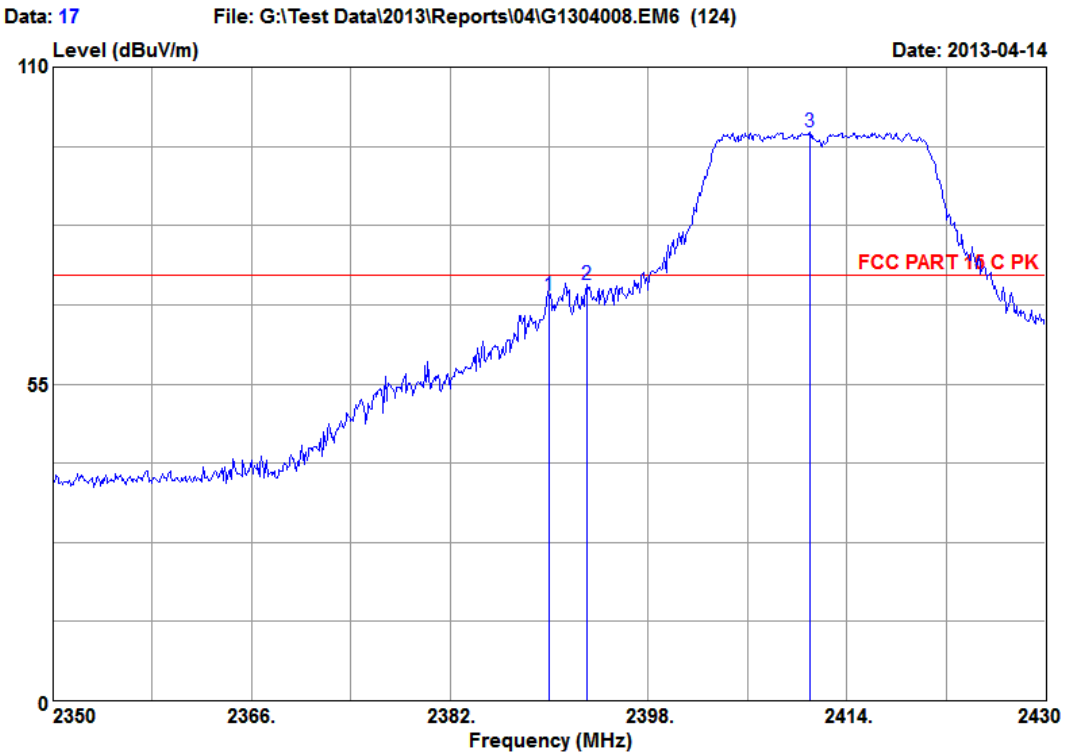

Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11nHT20 CH1 2412MHz
Memo :

Data NO. : 17
Ant. pol. : HORIZONTAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.20	5.92	71.41	70.46	74.00	3.54	Peak
2	2393.04	28.20	5.92	73.18	72.23	74.00	1.77	Peak
3	2411.04	28.19	5.92	99.63	98.67	74.00	-24.67	Peak

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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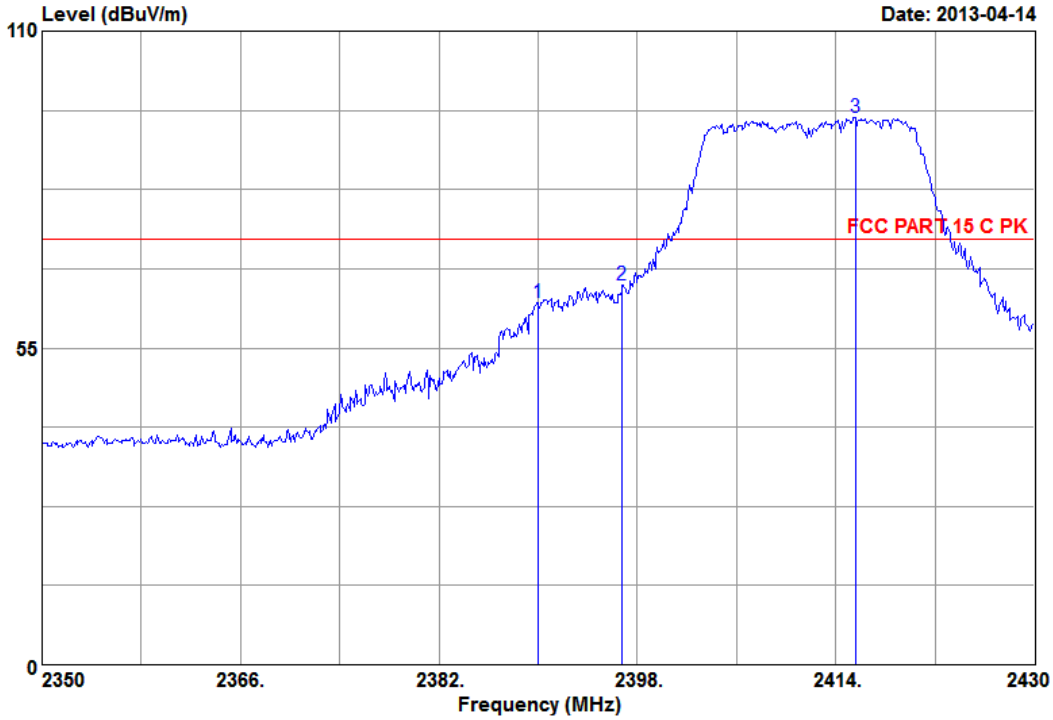
Data: 18 File: G:\Test Data\2013\Reports\04\G1304008.EM6 (124)



Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11nHT20 CH1 2412MHz
Memo :

Data NO. : 18
Ant. pol. : VERTICAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.20	5.92	63.77	62.82	74.00	11.18	Peak
2	2396.80	28.20	5.92	66.86	65.91	74.00	8.09	Peak
3	2415.60	28.19	5.92	95.98	95.03	74.00	-21.03	Peak

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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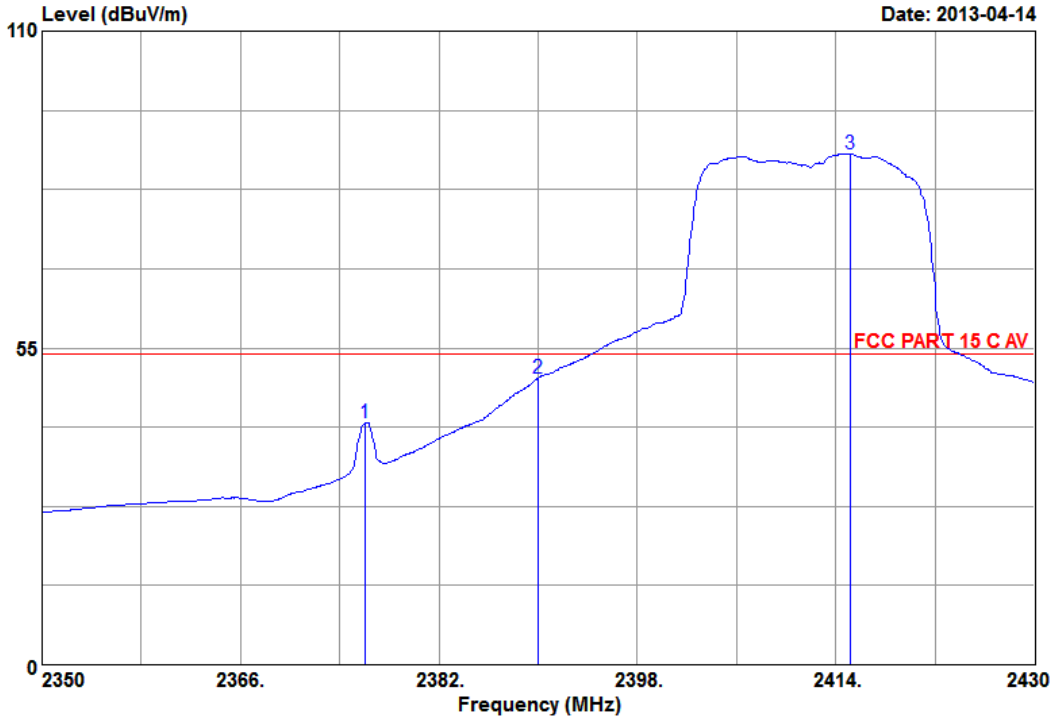
Data: 19 File: G:\Test Data\2013\Reports\04\G1304008.EM6 (124)



Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C AV
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11nHT20 CH1 2412MHz
Memo :

Data NO. : 19
Ant. pol. : HORIZONTAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2376.08	28.22	6.12	42.84	42.11	54.00	11.89	Average
2	2390.00	28.20	5.92	50.70	49.75	54.00	4.25	Average
3	2415.20	28.19	5.92	89.74	88.78	54.00	-34.78	Average

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

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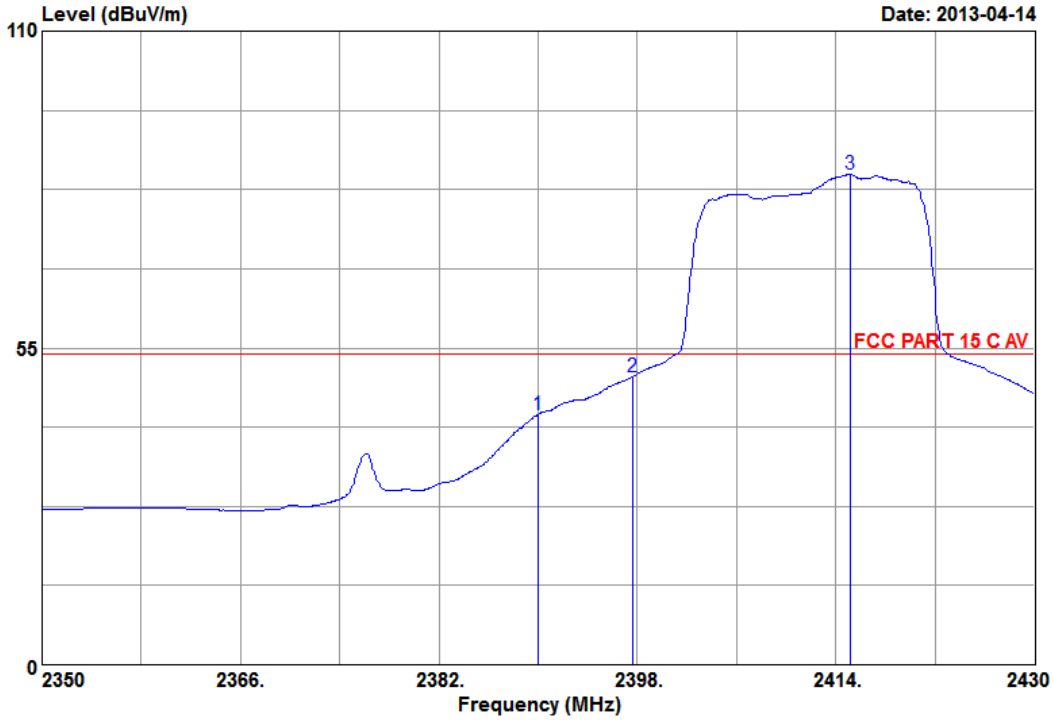
Data: 20 File: G:\Test Data\2013\Reports\04\G1304008.EM6 (124)



Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C AV
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11nHT20 CH1 2412MHz
Memo :

Data NO. : 20
Ant. pol. : VERTICAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.00	28.20	5.92	44.40	43.45	54.00	10.55	Average
2	2397.60	28.20	5.92	50.92	49.97	54.00	4.03	Average
3	2415.20	28.19	5.92	86.04	85.08	54.00	-31.08	Average

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

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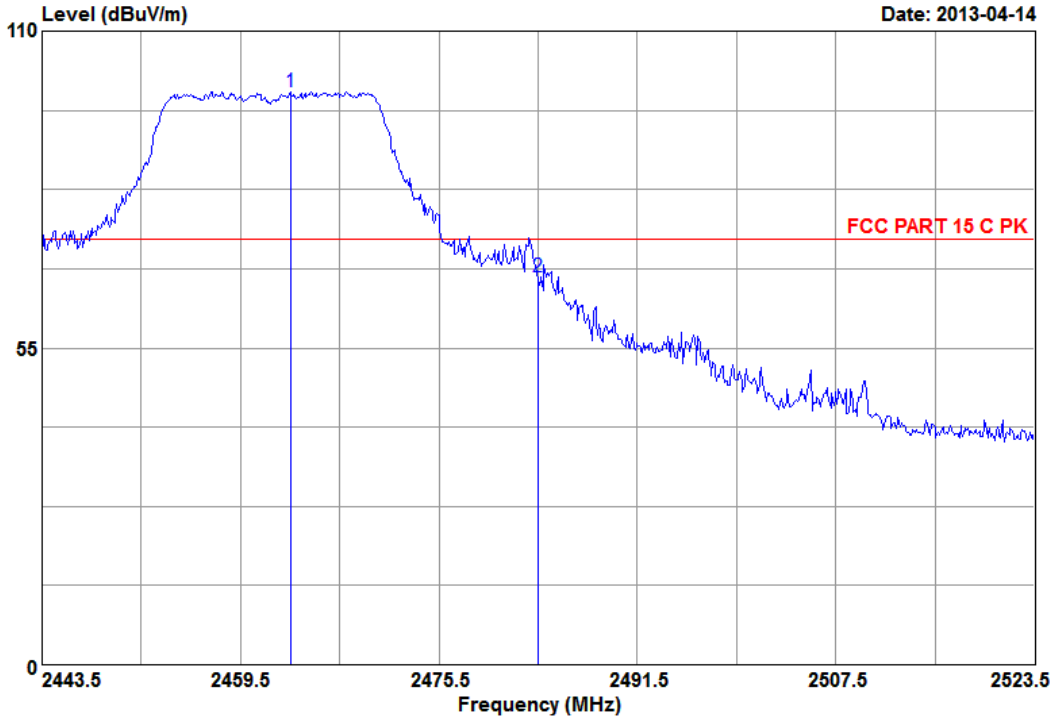
Data: 21 File: G:\Test Data\2013\Reports\04\G1304008.EM6 (124)



Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11nHT20 CH11 2462MHz
Memo :

Data NO. : 21
Ant. pol. : HORIZONTAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2463.50	28.13	6.29	100.19	99.55	74.00	-25.55	Peak
2	2483.50	28.12	6.29	68.00	67.35	74.00	6.65	Peak

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

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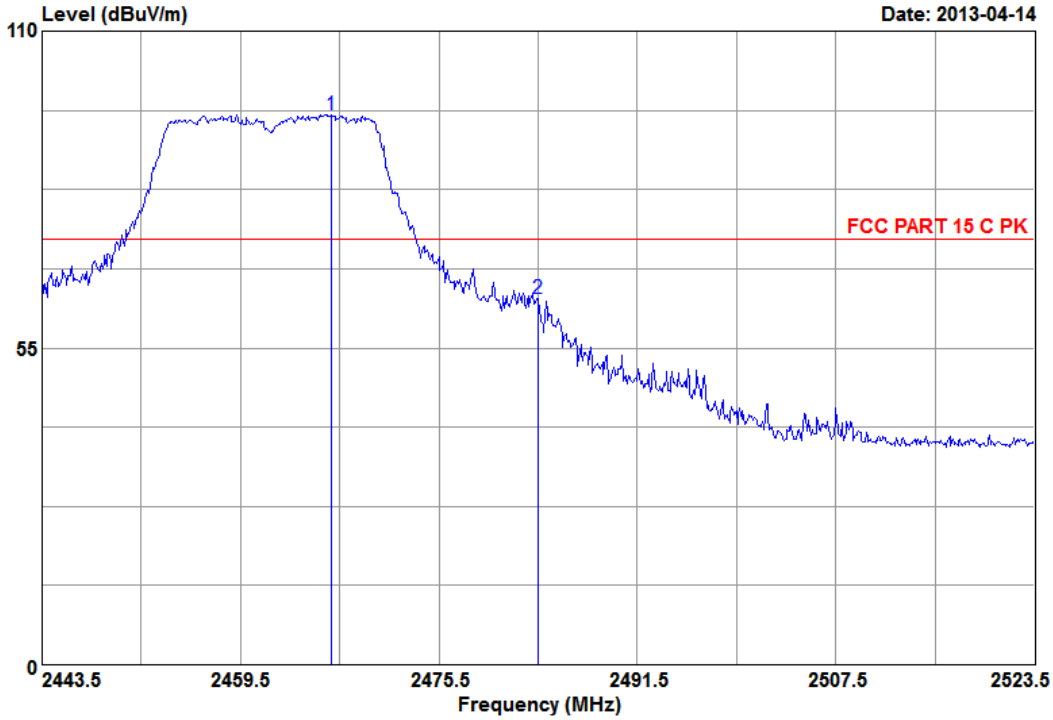
Data: 22 File: G:\Test Data\2013\Reports\04\G1304008.EM6 (124)



Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C PK
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11nHT20 CH11 2462MHz
Memo :

Data NO. : 22
Ant. pol. : VERTICAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2466.78	28.13	6.29	96.09	95.45	74.00	-21.45	Peak
2	2483.50	28.12	6.29	64.14	63.49	74.00	10.51	Peak

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

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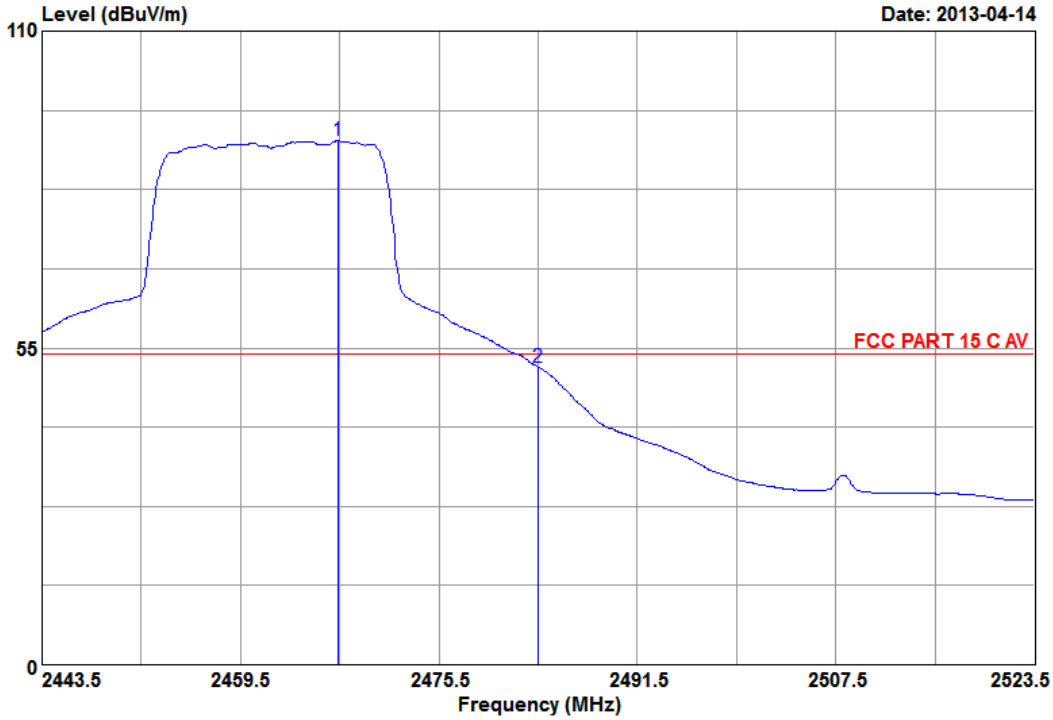
Data: 23 File: G:\Test Data\2013\Reports\04\G1304008.EM6 (124)



Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C AV
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11nHT20 CH11 2462MHz
Memo :

Data NO. : 23
Ant. pol. : HORIZONTAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2467.34	28.13	6.29	91.56	90.92	54.00	-36.92	Average
2	2483.50	28.12	6.29	52.35	51.70	54.00	2.30	Average

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

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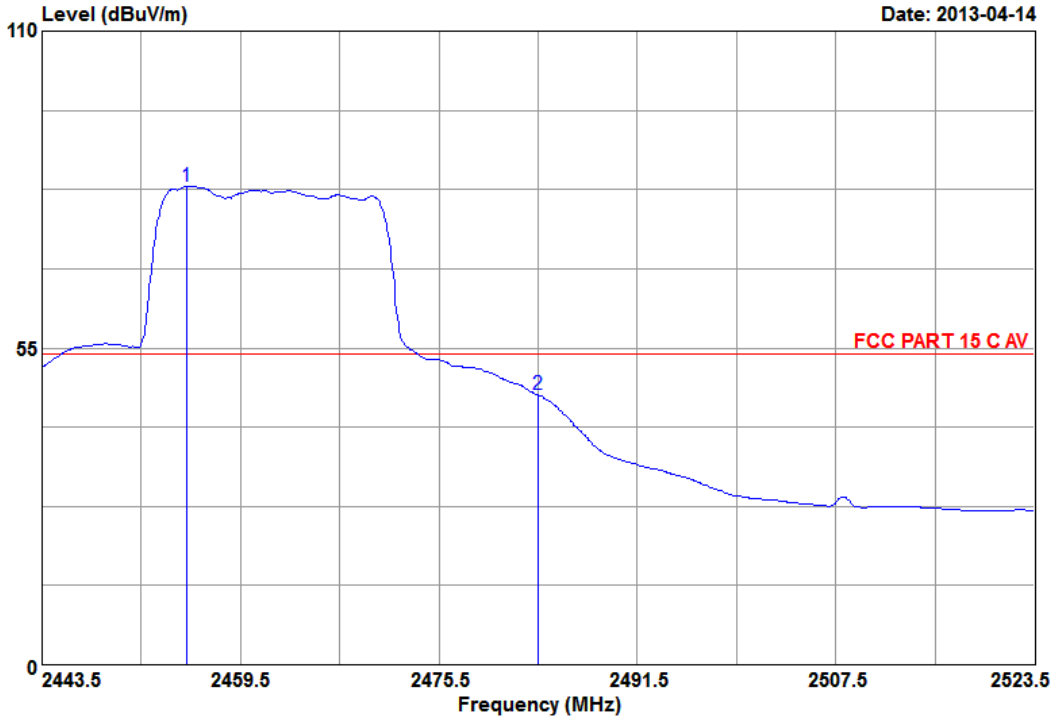
Data: 24 File: G:\Test Data\2013\Reports\04\G1304008.EM6 (124)



Site NO. : 3m chamber
Dis. / Ant. : 3m 3115 (62960)-12-04
Limit : FCC PART 15 C AV
Env. / Ins. : 17*C40%/E4447A
EUT : TI-nspire CX Wireless Network Adapter v2
M/N : TINAVWNA2
Power Rating : DC 3.7V
Test Mode : TX 802.11nHT20 CH11 2462MHz
Memo :

Data NO. : 24
Ant. pol. : VERTICAL
Engineer : Justin

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2455.18	28.13	6.11	83.88	83.06	54.00	-29.06	Average
2	2483.50	28.12	6.29	47.52	46.87	54.00	7.13	Average

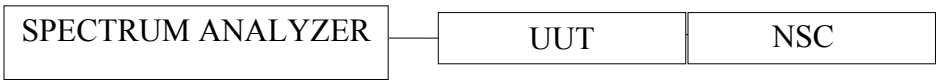
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

5. 6 dB BANDWIDTH MEASUREMENT

5.1. Test Equipment

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	E4447A	MY45300136	2013-01-05	2014-01-04

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, and 5725 - 5850 MHz bands. The minimum 6 dB bandwidth shall be at least 500kHz.

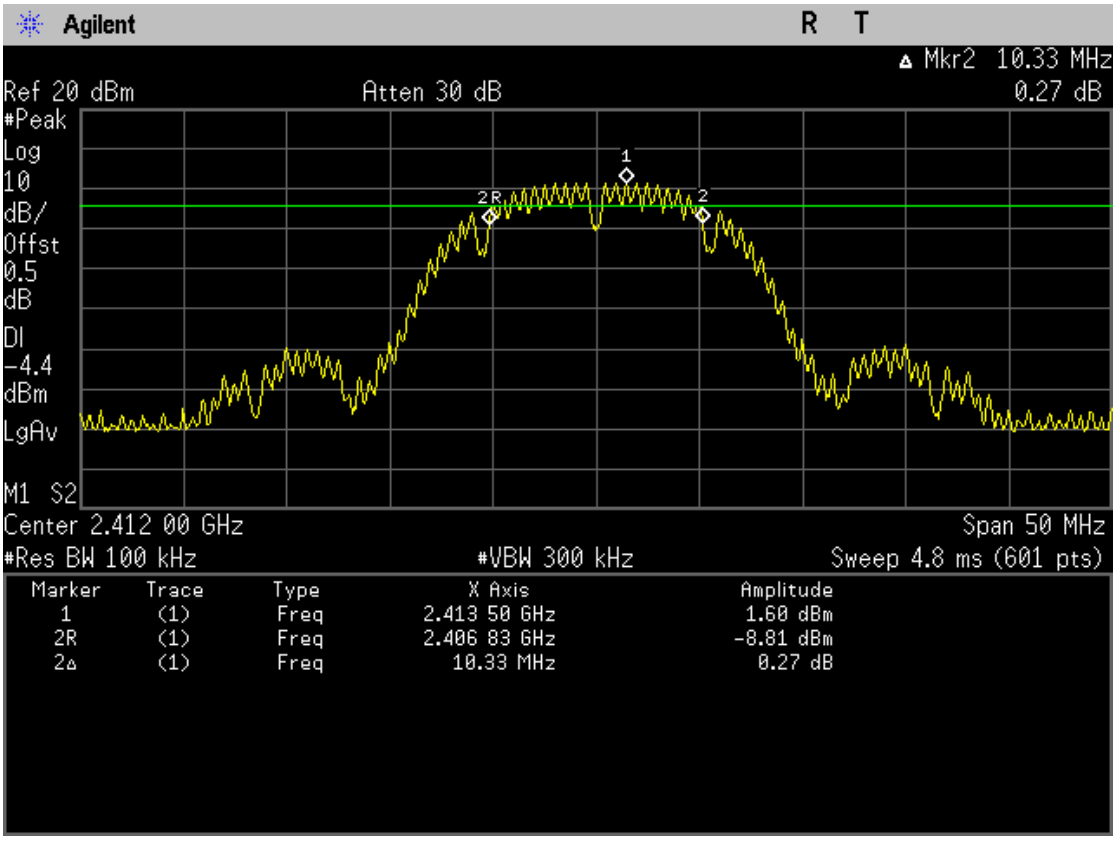
5.4. Test Results

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

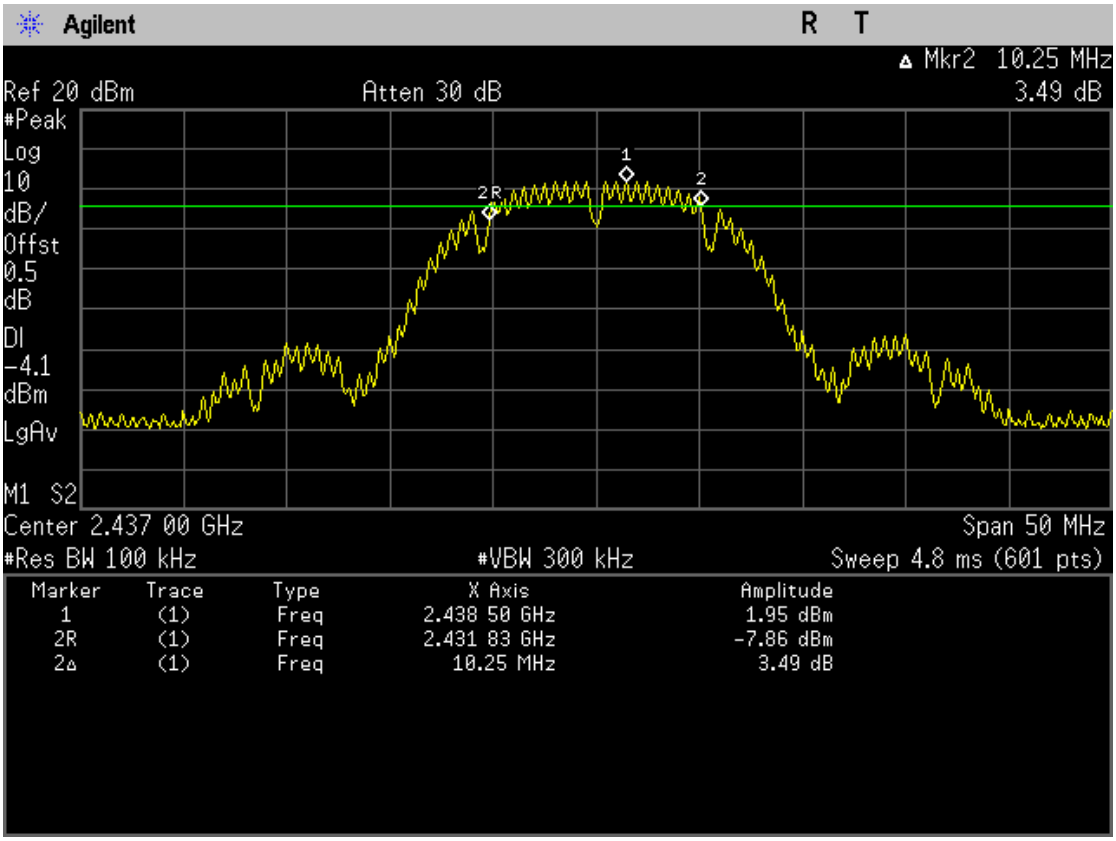
Item	Channel	Test Frequency	6dB Bandwidth
802.11b	1	2412MHz	10.33 MHz
	6	2437MHz	10.25 MHz
	11	2462MHz	10.33 MHz
802.11g	1	2412MHz	16.50 MHz
	6	2437MHz	16.50 MHz
	11	2462MHz	16.50 MHz
802.11n HT20	1	2412MHz	17.50 MHz
	6	2437MHz	17.58 MHz
	11	2462MHz	17.33 MHz
	149	5745MHz	17.45 MHz
	157	5785MHz	17.20 MHz
	165	5825MHz	17.20 MHz
802.11a	149	5745MHz	16.20 MHz
	157	5785MHz	16.20 MHz
	165	5825MHz	16.20 MHz

5.4.1. 802.11b

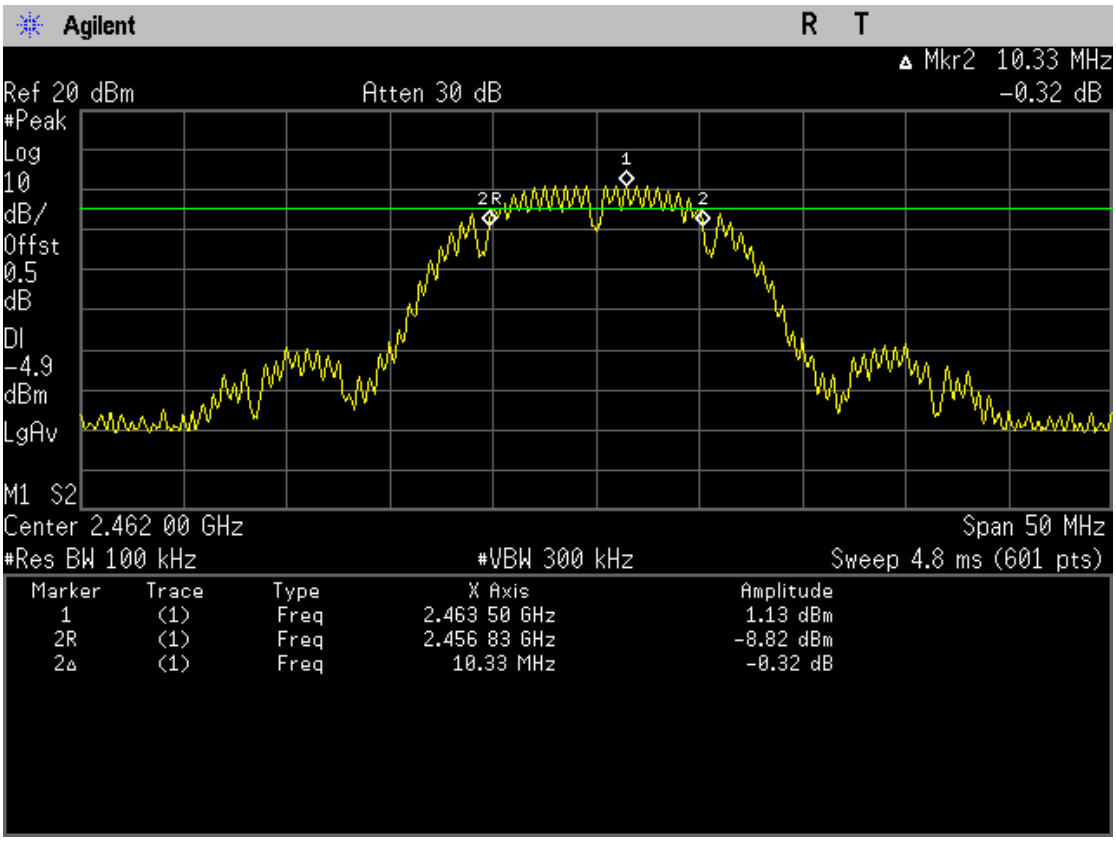
CH 1



CH 6

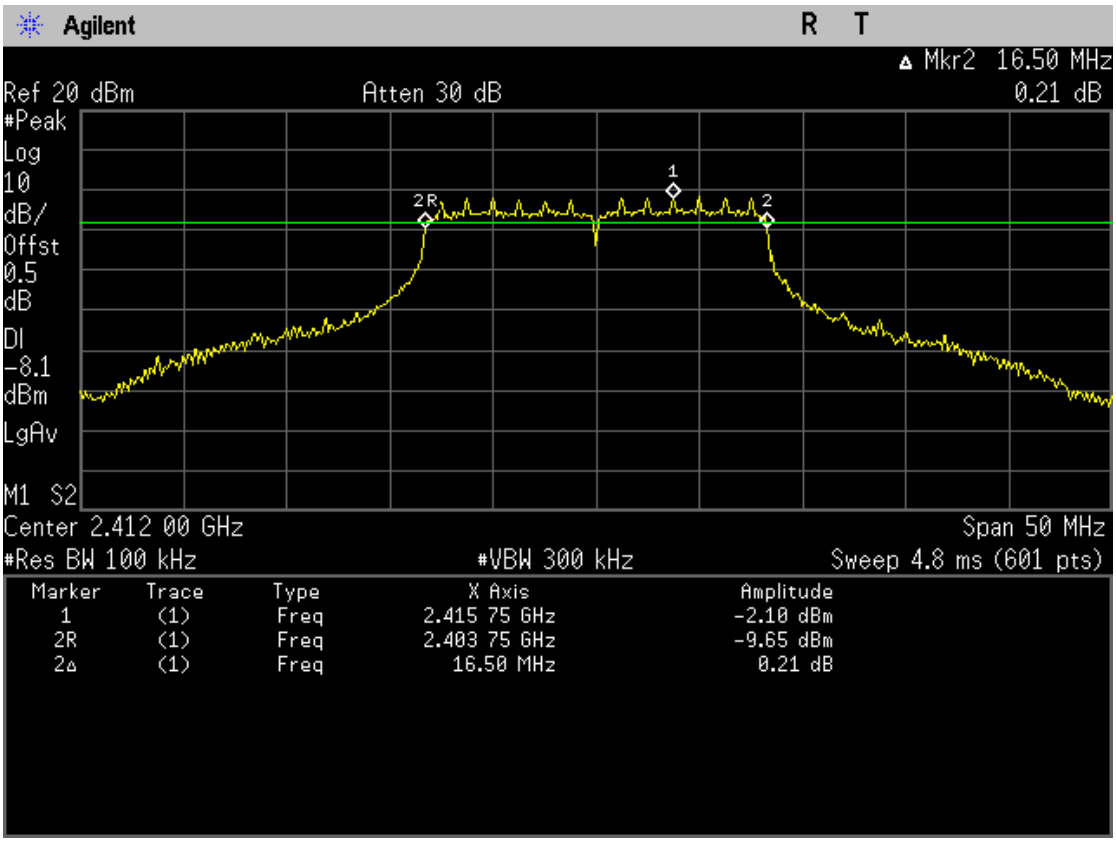


CH 11

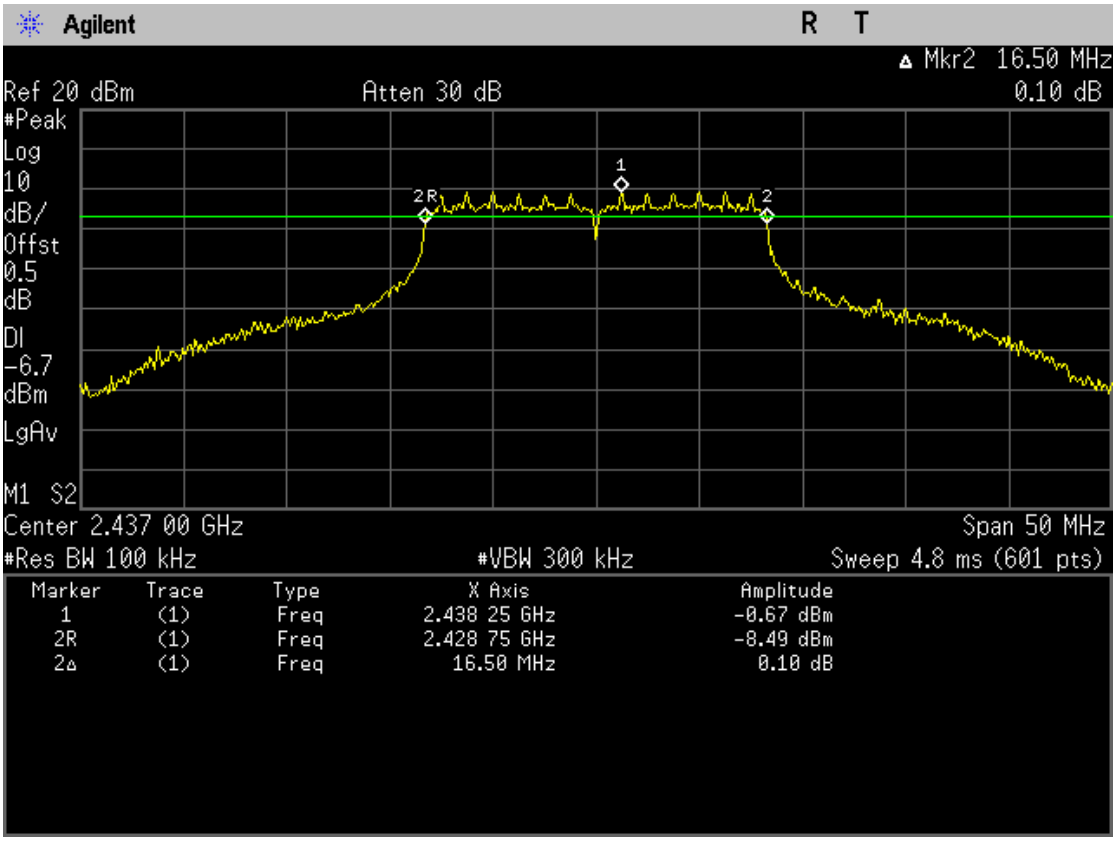


5.4.2. 802.11g

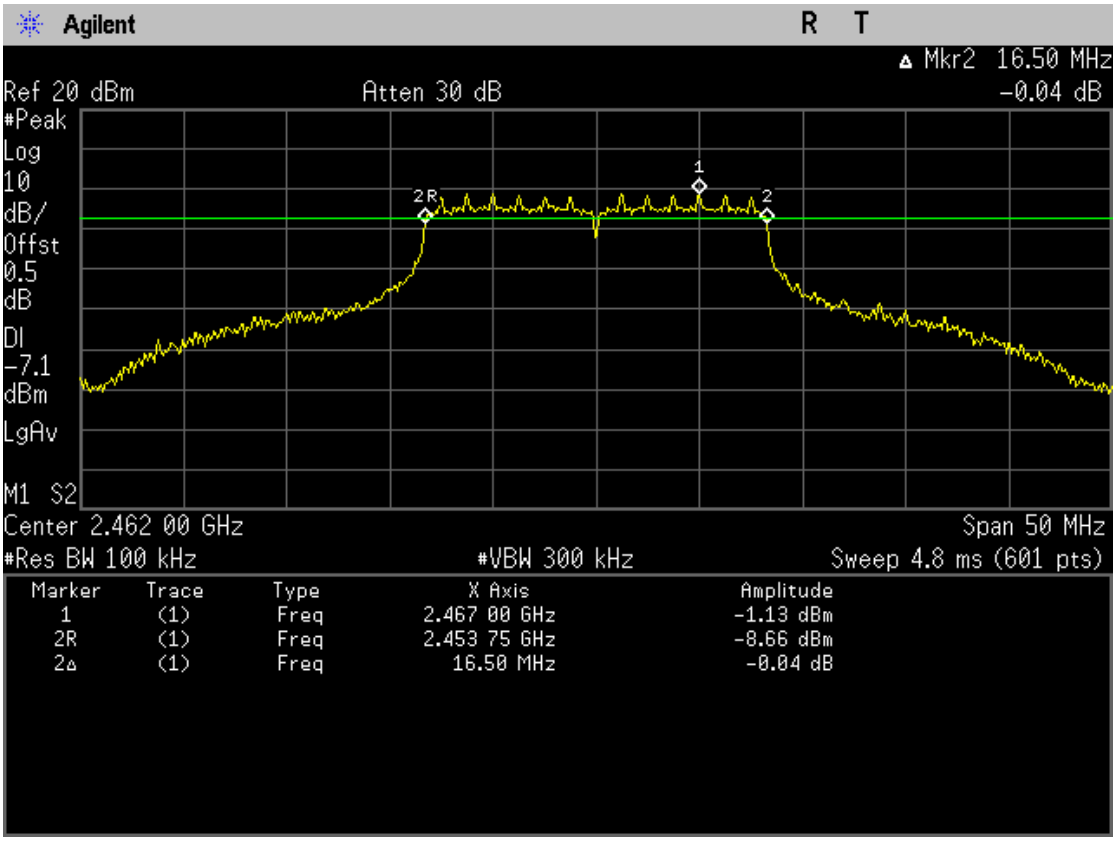
CH 1



CH 6

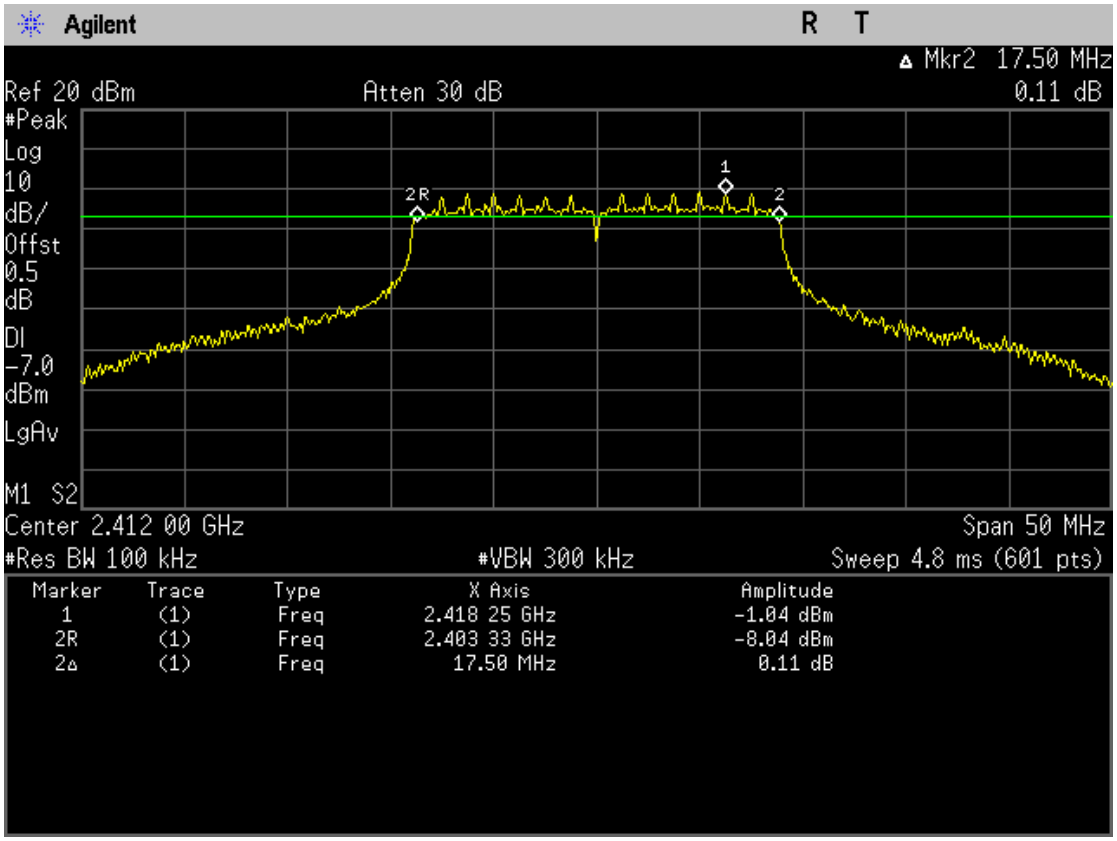

Agilent
R T
Mkr2 16.50 MHz
0.10 dB
Ref 20 dBm
Atten 30 dB
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-6.7
dBm
LgAv
M1 S2
Center 2.437 00 GHz
Span 50 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 4.8 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.438 25 GHz -0.67 dBm
2R (1) Freq 2.428 75 GHz -8.49 dBm
2Δ (1) Freq 16.50 MHz 0.10 dB

CH 11

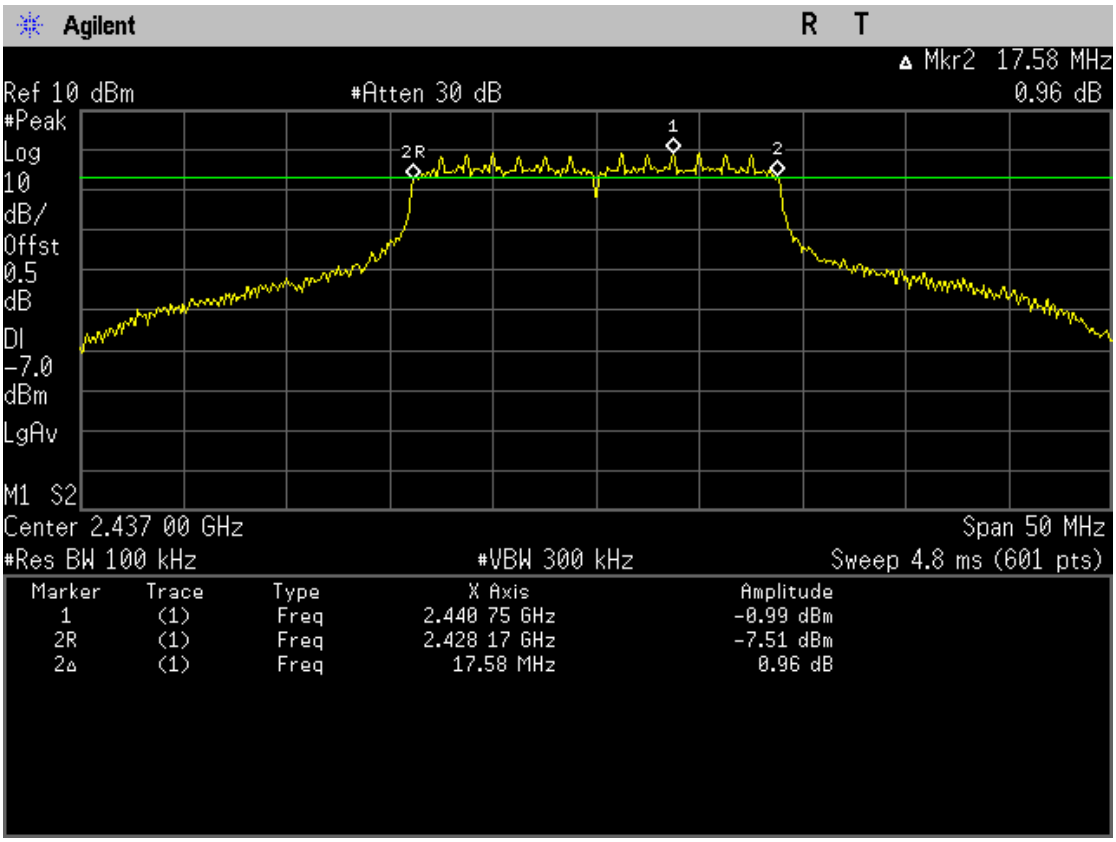

Agilent
R T
Mkr2 16.50 MHz
-0.04 dB
Ref 20 dBm
Atten 30 dB
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-7.1
dBm
LgAv
M1 S2
Center 2.462 00 GHz
Span 50 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 4.8 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.467 00 GHz -1.13 dBm
2R (1) Freq 2.453 75 GHz -8.66 dBm
2Δ (1) Freq 16.50 MHz -0.04 dB

5.4.3. 802.11n HT20

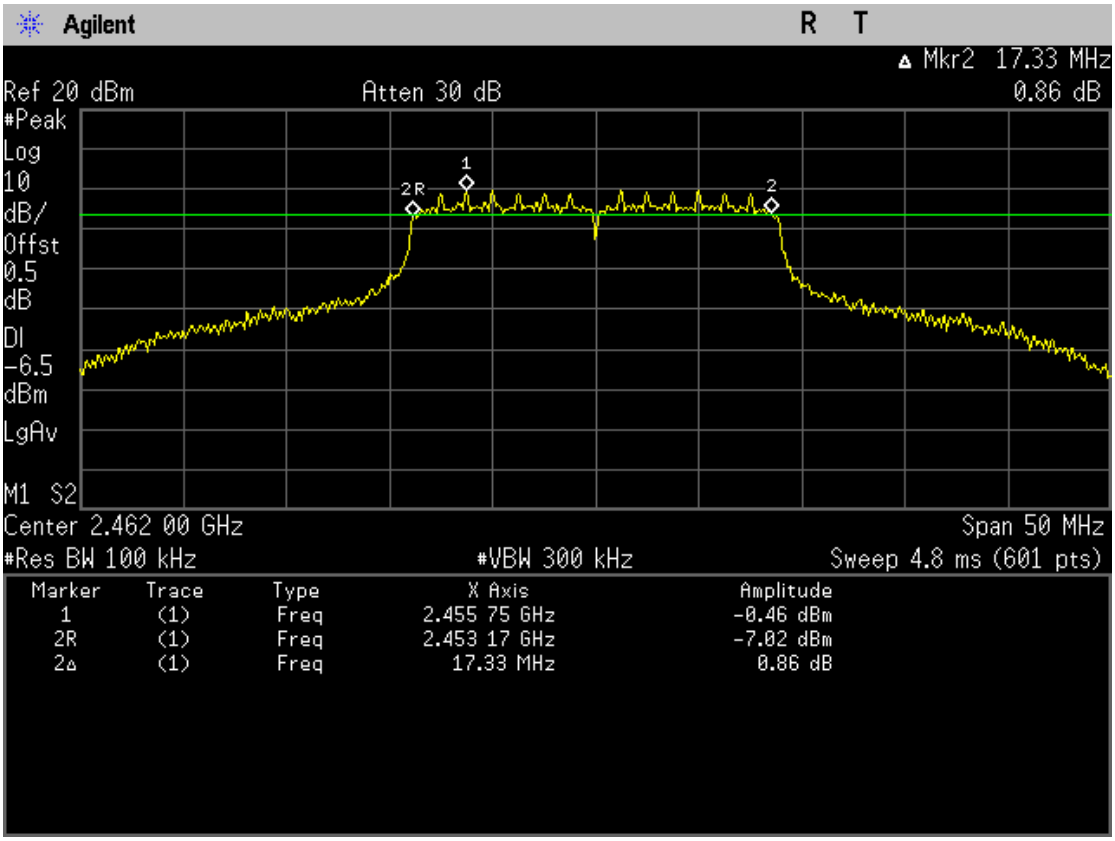
CH1



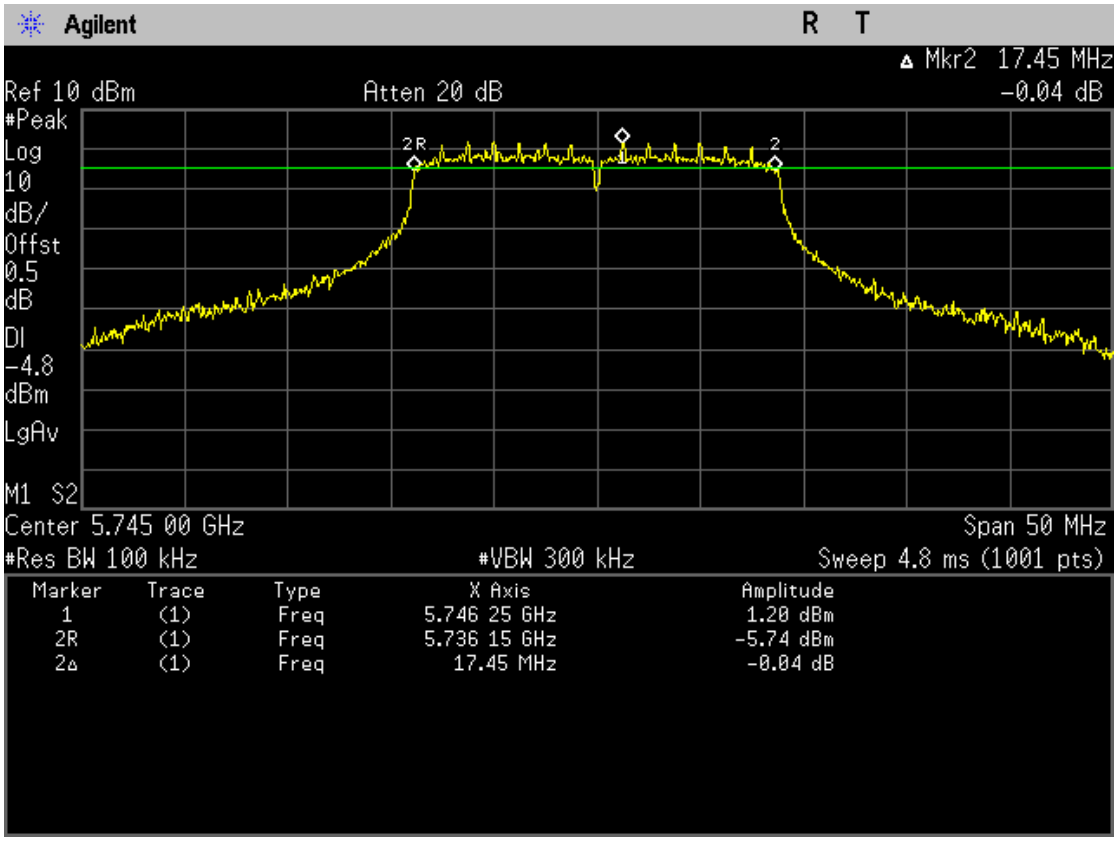
CH 6



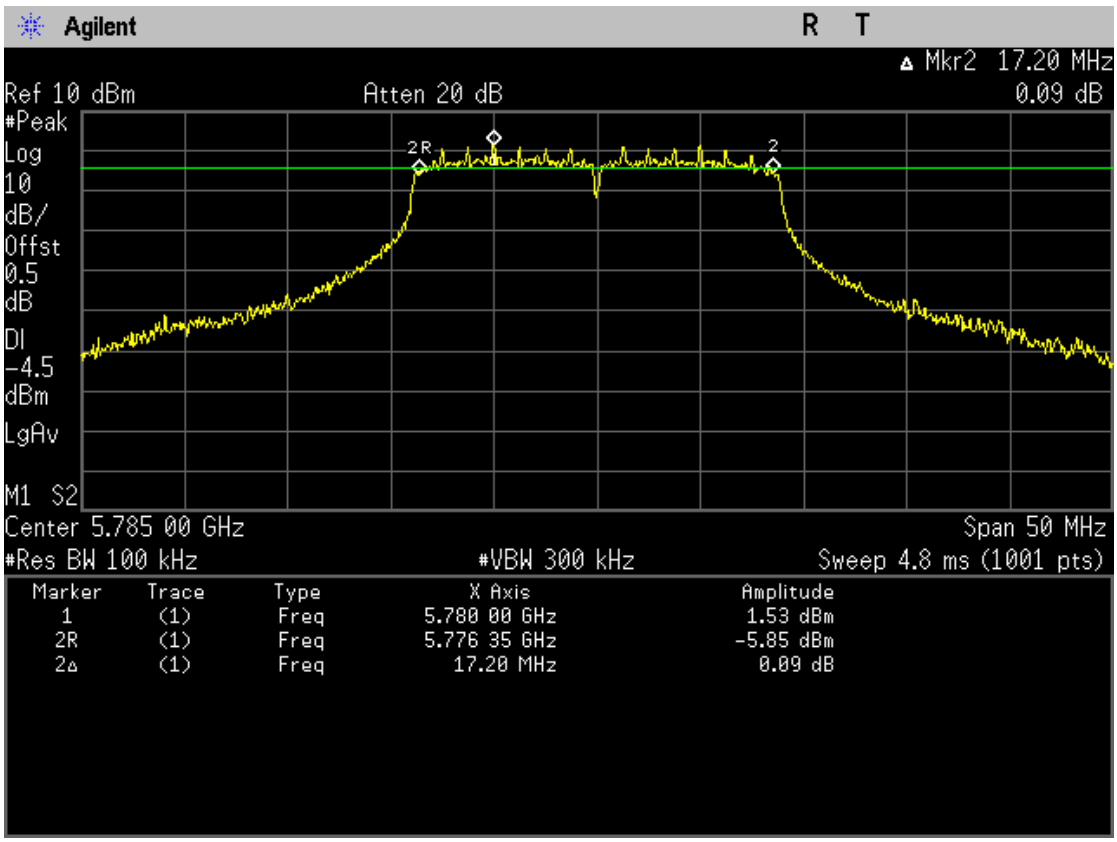
CH 11


Agilent
R T
Mkr2 17.33 MHz
0.86 dB
Ref 20 dBm
Atten 30 dB
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-6.5
dBm
LgAv
M1 S2
Center 2.462 00 GHz
Span 50 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 4.8 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.455 75 GHz -0.46 dBm
2R (1) Freq 2.453 17 GHz -7.02 dBm
2Δ (1) Freq 17.33 MHz 0.86 dB

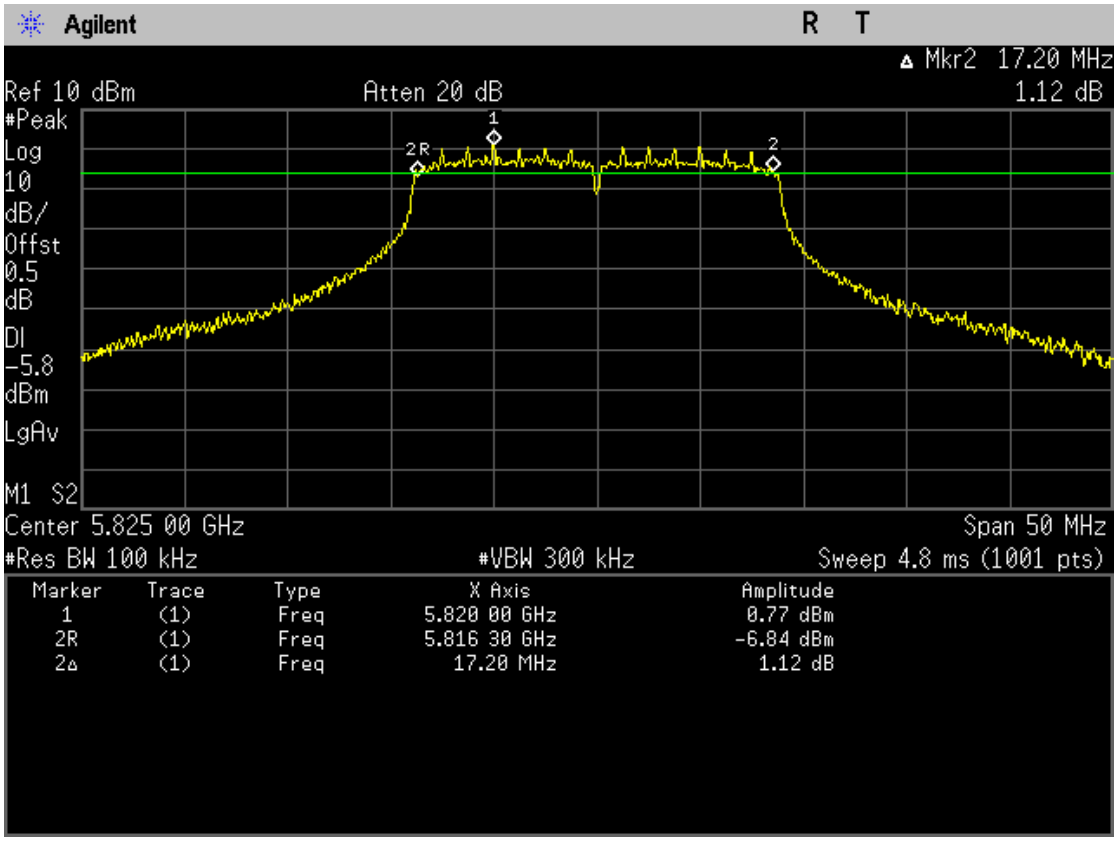
CH 149


Agilent
R T
Mkr2 17.45 MHz
-0.04 dB
Ref 10 dBm
Atten 20 dB
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-4.8
dBm
LgAv
M1 S2
Center 5.745 00 GHz
Span 50 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 4.8 ms (1001 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 5.746 25 GHz 1.20 dBm
2R (1) Freq 5.736 15 GHz -5.74 dBm
2Δ (1) Freq 17.45 MHz -0.04 dB

CH 157

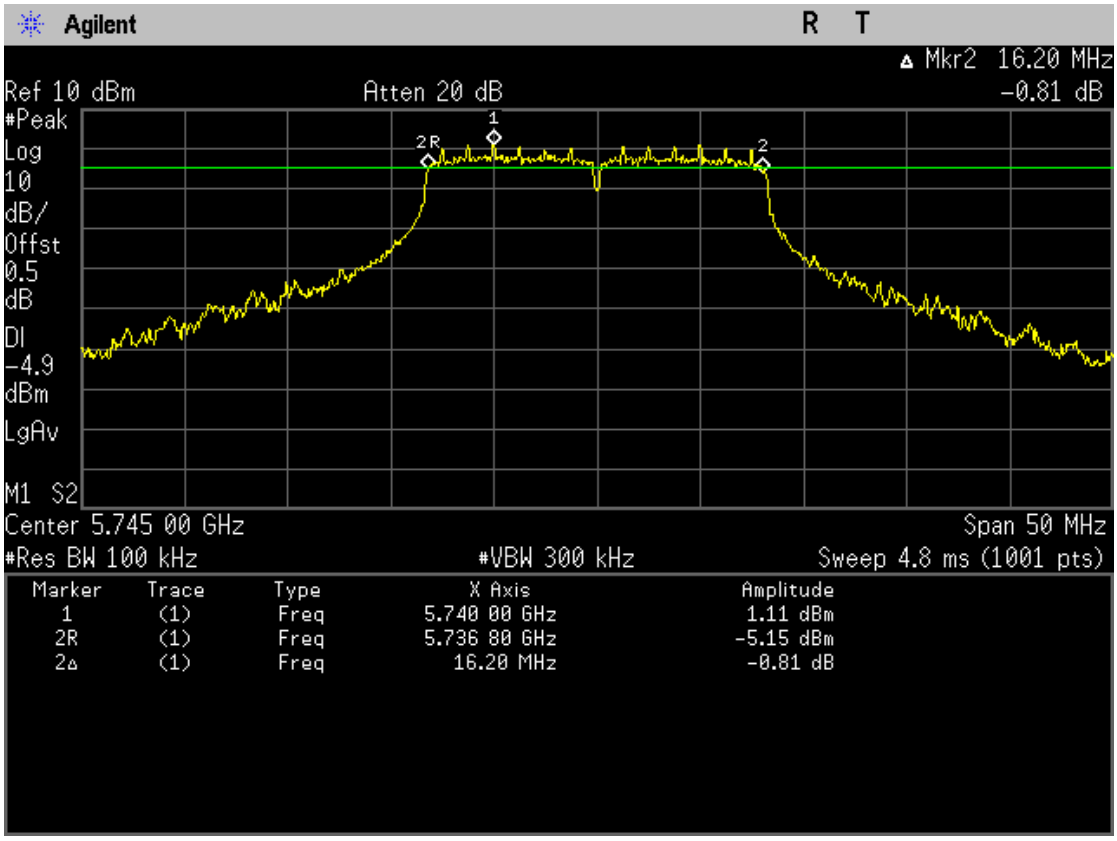

Agilent
R T
Mkr2 17.20 MHz
Ref 10 dBm
Atten 20 dB
0.09 dB
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-4.5
dBm
LgAv
M1 S2
2R
2
Center 5.785 00 GHz
Span 50 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 4.8 ms (1001 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 5.780 00 GHz 1.53 dBm
2R (1) Freq 5.776 35 GHz -5.85 dBm
2Δ (1) Freq 17.20 MHz 0.09 dB

CH 165

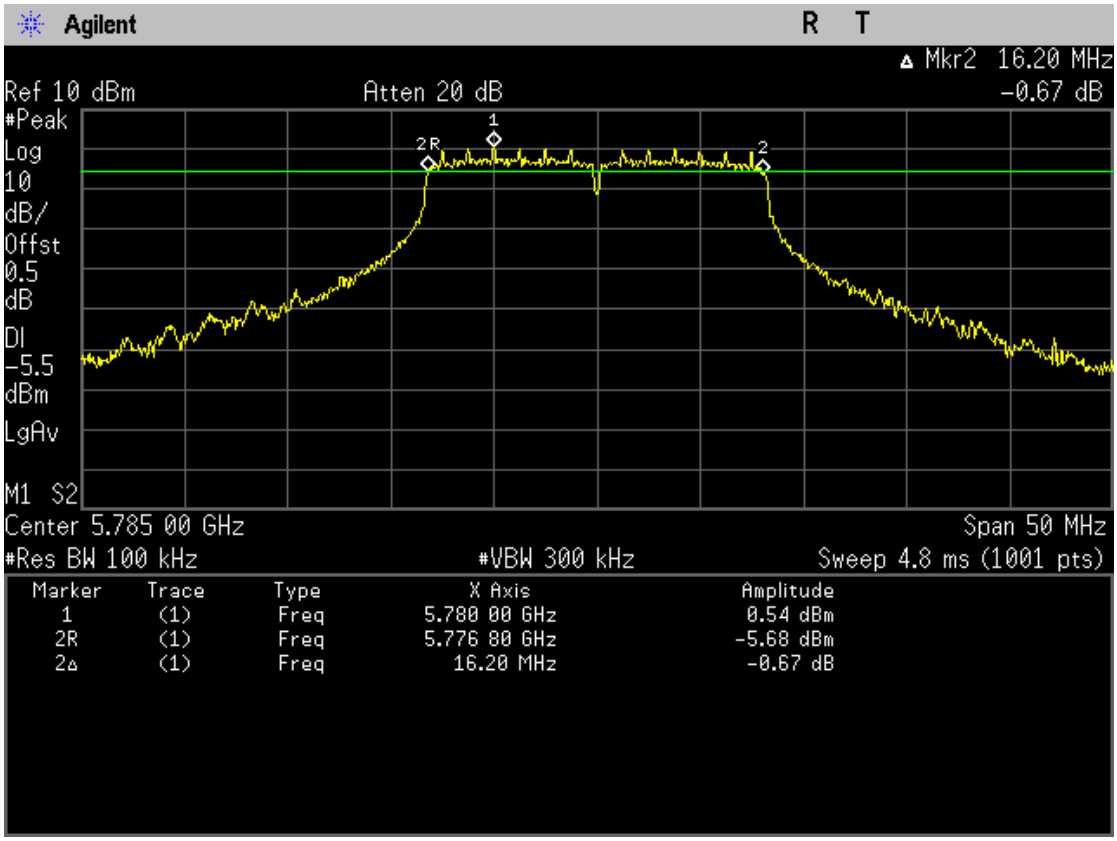

Agilent
R T
Mkr2 17.20 MHz
Ref 10 dBm
Atten 20 dB
1.12 dB
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-5.8
dBm
LgAv
M1 S2
1
2R
2
Center 5.825 00 GHz
Span 50 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 4.8 ms (1001 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 5.820 00 GHz 0.77 dBm
2R (1) Freq 5.816 30 GHz -6.84 dBm
2Δ (1) Freq 17.20 MHz 1.12 dB

5.4.4. 802.11a

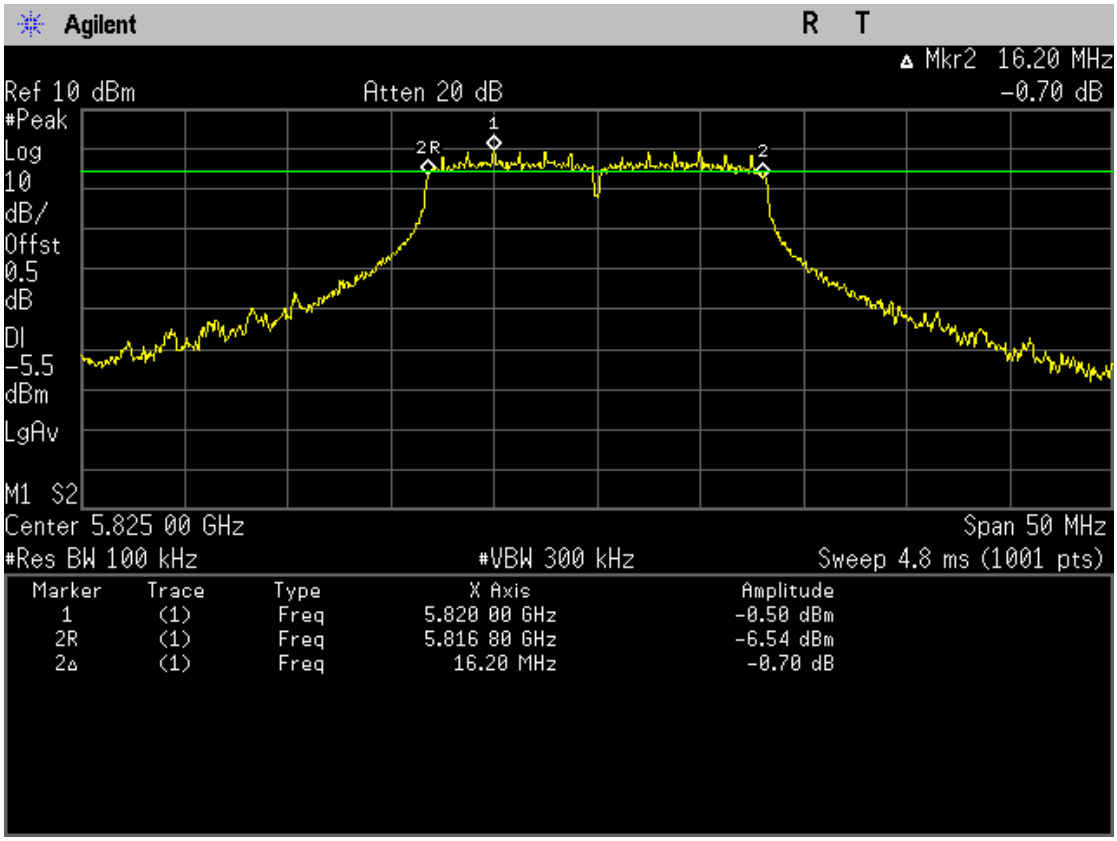
CH 149



CH 157



CH 165

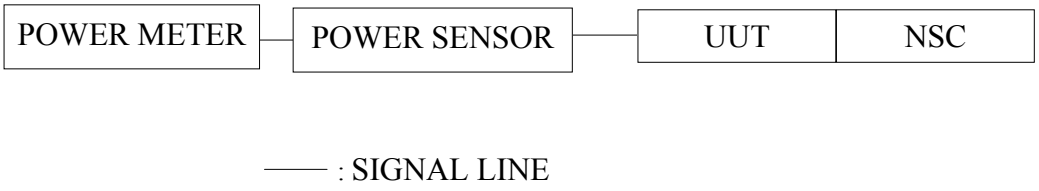

Agilent
R T
Mkr2 16.20 MHz
Ref 10 dBm
Atten 20 dB
-0.70 dB
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-5.5
dBm
LgAv
M1 S2
Center 5.825 00 GHz
Span 50 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 4.8 ms (1001 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 5.820 00 GHz -0.50 dBm
2R (1) Freq 5.816 80 GHz -6.54 dBm
2Δ (1) Freq 16.20 MHz -0.70 dB

6. MAXIMUM PEAK OUTPUT POWER MEASUREMENT

6.1. Test Equipment

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Power Meter	Agilent	N1911A	MY45100361	2013-01-05	2014-01-04
2.	Power Sensor	Agilent	N1921A	MY45240521	2013-01-05	2014-01-04

6.2. Block Diagram of Test Setup



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

For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 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 Date: Apr.19, 2013 Test Mode: 802.11b

Test Condition			Peak Power (dBm)		
Temperature (*C)	Voltage (V)	Data rate (Mbps)	CH 1 2412 MHz	CH 6 2437 MHz	CH 11 2462 MHz
20	3.7	1	15.24	14.48	14.28
20	3.7	2	15.17	14.23	14.16
20	3.7	5.5	14.85	13.84	13.52
20	3.7	11	14.98	14.43	14.13

Test Date: Apr.19, 2013 Test Mode: 802.11g

Test Condition			Peak Power (dBm)		
Temperature (*C)	Voltage (V)	Data rate (Mbps)	CH 1 2412 MHz	CH 6 2437 MHz	CH 11 2462 MHz
20	3.7	6	17.94	18.08	17.86
20	3.7	9	17.67	17.82	17.12
20	3.7	12	17.52	17.72	17.45
20	3.7	18	17.35	17.40	17.35
20	3.7	24	17.44	17.07	17.29
20	3.7	36	17.41	17.27	17.56
20	3.7	48	16.54	16.43	16.86
20	3.7	54	16.39	15.85	15.99

Test Date: Apr.19, 2013 Test Mode: 802.11n HT20

Test Condition			Peak Power (dBm)		
Temperature (*C)	Voltage (V)	Data rate (Mbps)	CH 1 2412 MHz	CH 6 2437 MHz	CH 11 2462 MHz
20	3.7	MCS0	18.28	18.14	18.32
20	3.7	MCS1	17.78	17.64	17.91
20	3.7	MCS2	17.93	17.81	17.65
20	3.7	MCS3	18.08	17.71	17.83
20	3.7	MCS4	17.28	16.89	17.36
20	3.7	MCS5	17.39	16.72	16.52
20	3.7	MCS7	17.17	15.70	15.44

Test Date: Apr.19, 2013 Test Mode: 802.11n HT20

Test Condition			Peak Power (dBm)		
Temperature (*C)	Voltage (V)	Data rate (Mbps)	CH 149 5745 MHz	CH 157 5785 MHz	CH 165 5825 MHz
20	3.7	MCS0	20.24	20.42	20.03
20	3.7	MCS1	19.87	19.94	19.91
20	3.7	MCS2	19.91	19.78	19.83
20	3.7	MCS3	19.83	19.84	19.87
20	3.7	MCS4	19.76	19.67	19.75
20	3.7	MCS5	18.23	19.03	19.14
20	3.7	MCS6	15.45	15.69	15.92

Test Date: Apr.19, 2013 Test Mode: 802.11a

Test Condition			Peak Power (dBm)		
Temperature (*C)	Voltage (V)	Data rate (Mbps)	CH 149 5745 MHz	CH 157 5785 MHz	CH 165 5825 MHz
20	3.7	6	20.74	20.51	20.17
20	3.7	9	20.28	19.86	19.93
20	3.7	12	19.86	19.54	19.87
20	3.7	18	19.98	19.37	19.83
20	3.7	24	20.63	20.28	20.06
20	3.7	36	20.04	19.19	19.72
20	3.7	48	19.93	18.64	18.93
20	3.7	54	18.87	17.91	17.88

7. BAND EDGES MEASUREMENT

7.1. Test Equipment

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	E4447A	MY45300136	2013-01-05	2014-01-04

7.2. Block Diagram of Test Setup

The same as section 5.2.

7.3. 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)).

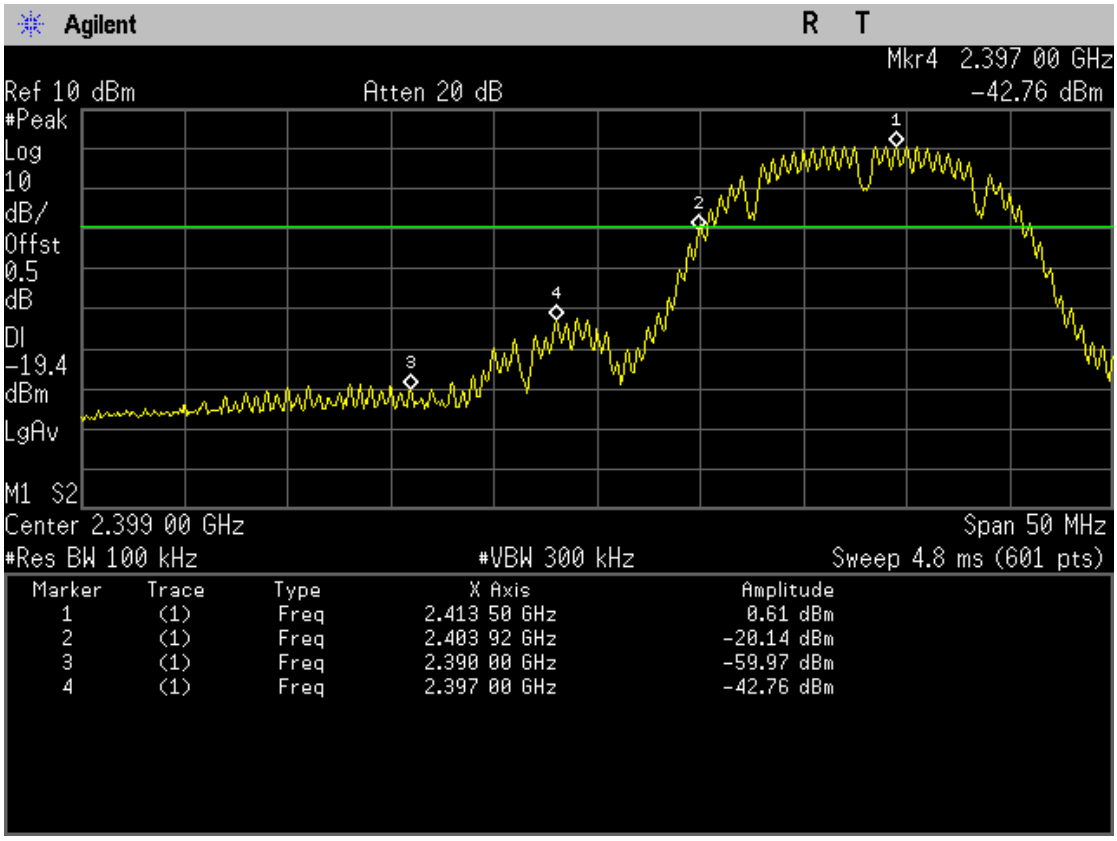
7.4. Test Results

PASSED. The testing data was attached in the next pages.

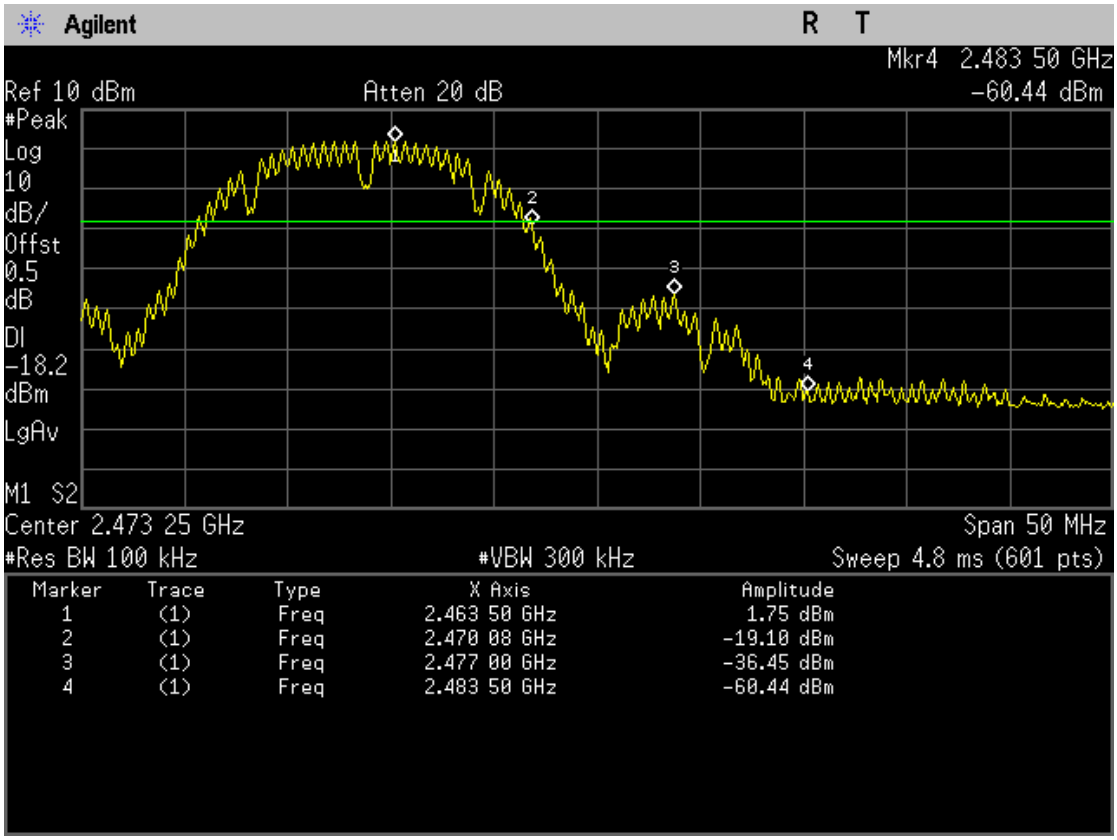
Test Date: Apr.20, 2013 Temperature: 19.1 ℃ Humidity: 58 %

7.4.1. 802.11b

CH1

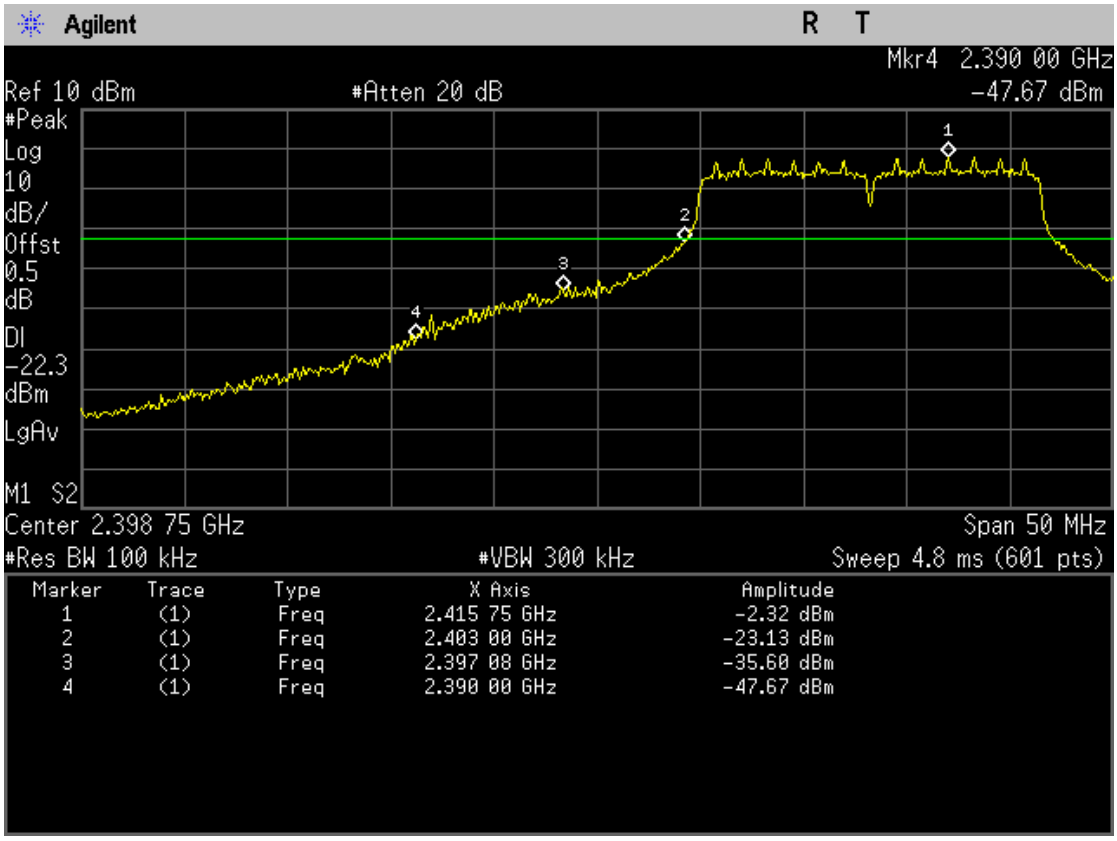


CH11

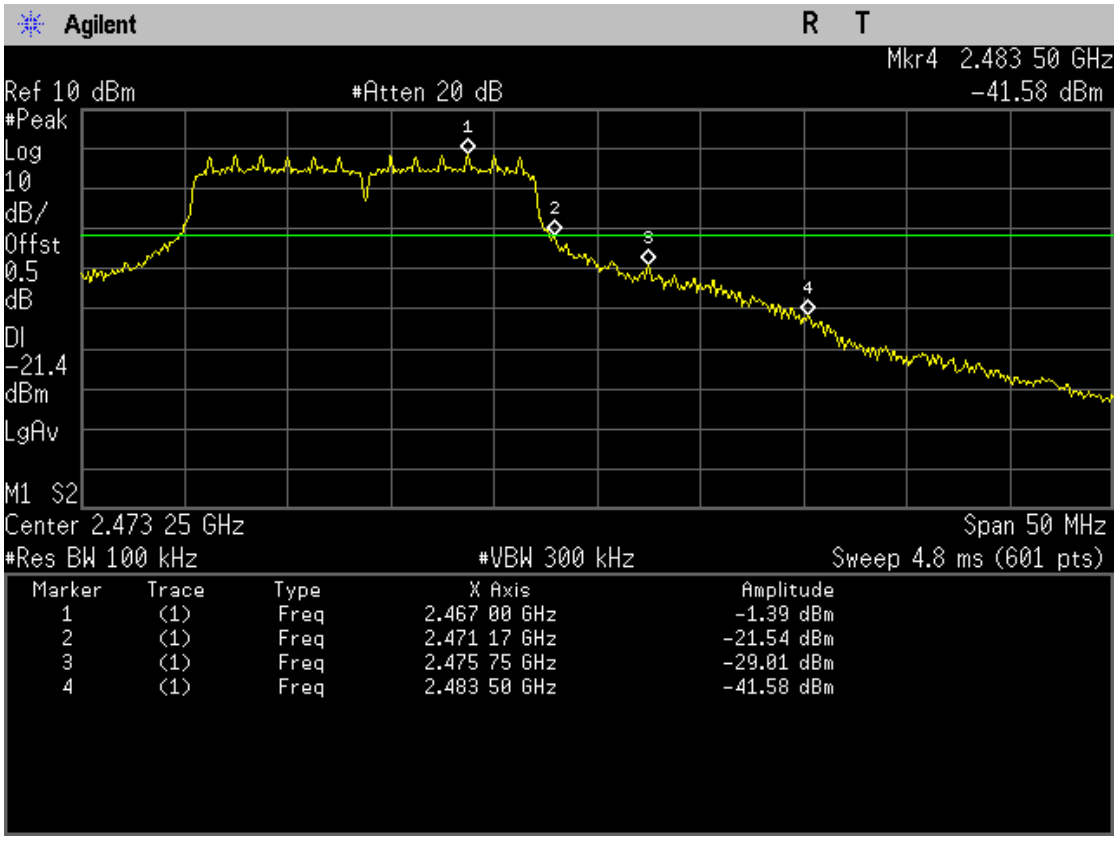


7.4.2. 802.11g

CH1

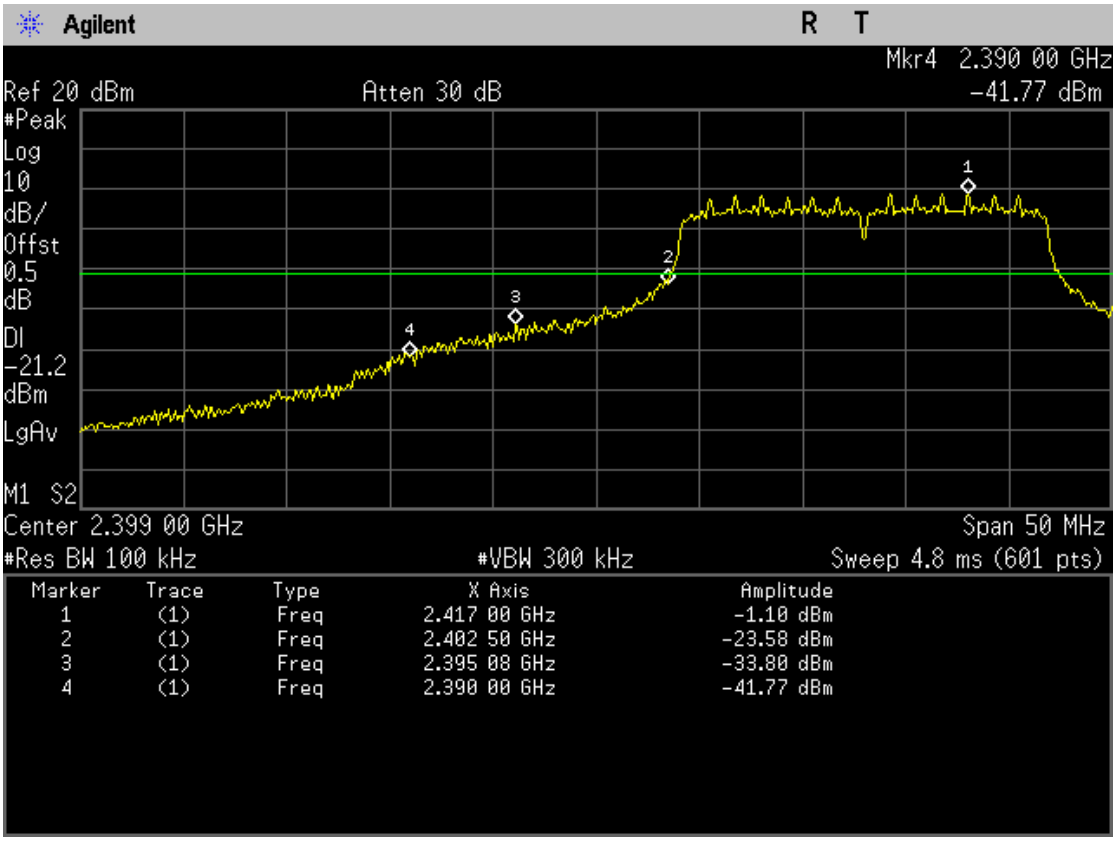


CH11

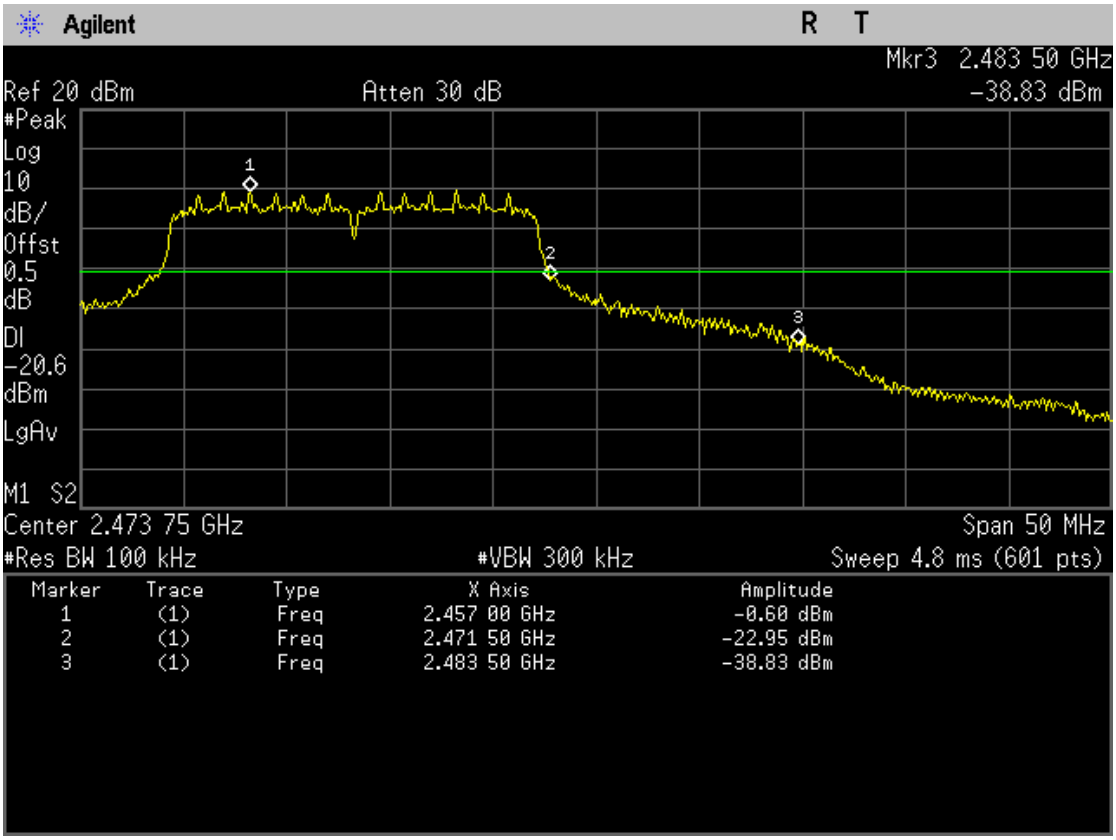


7.4.3. 802.11n HT20

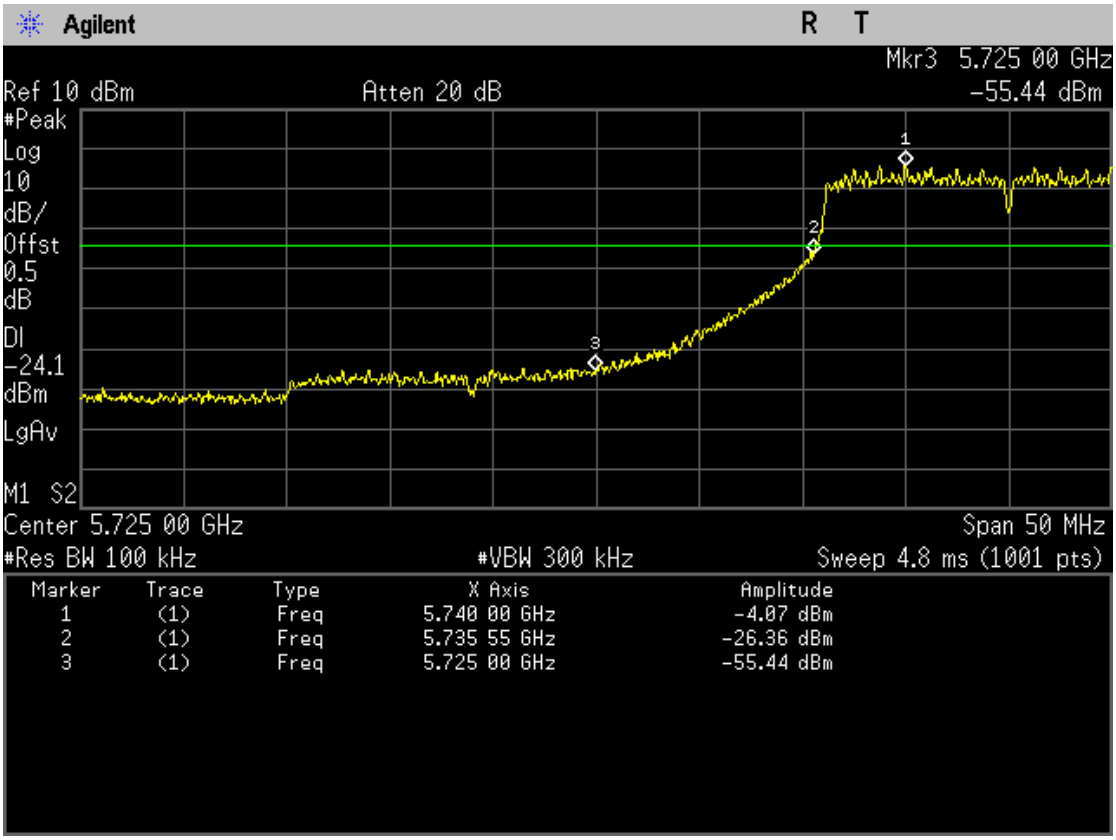
CH1



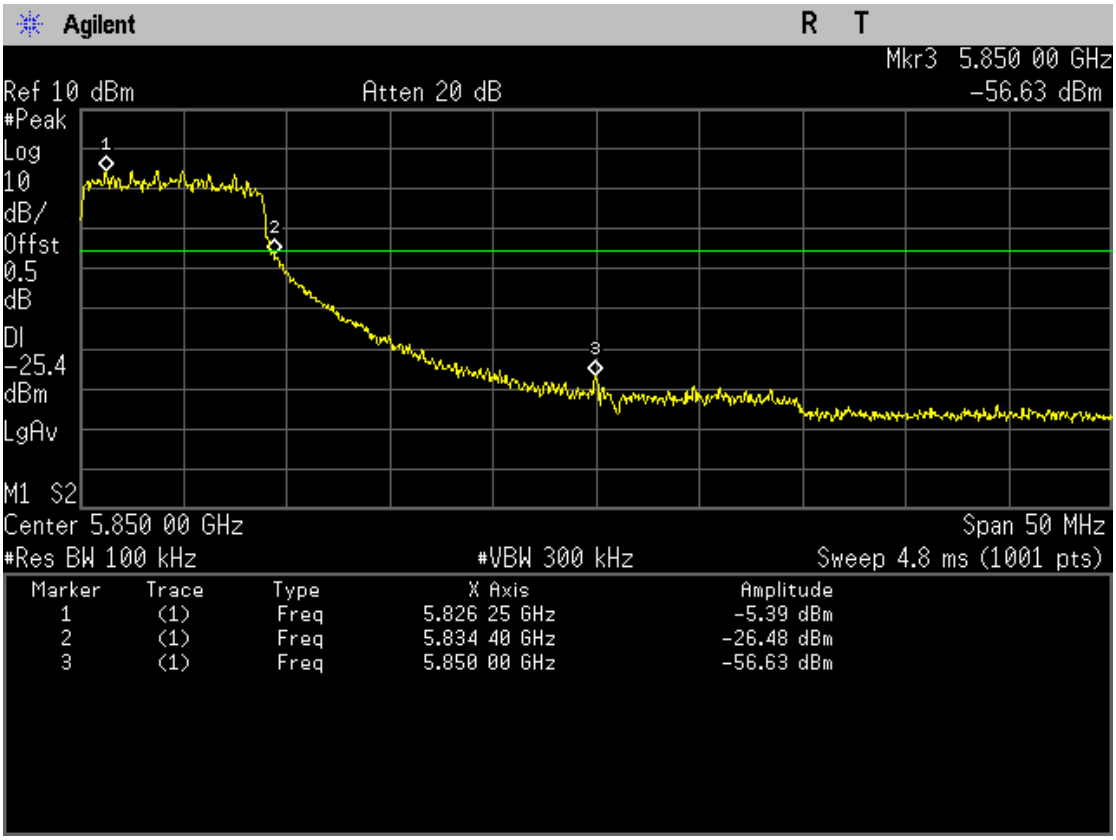
CH11



CH149

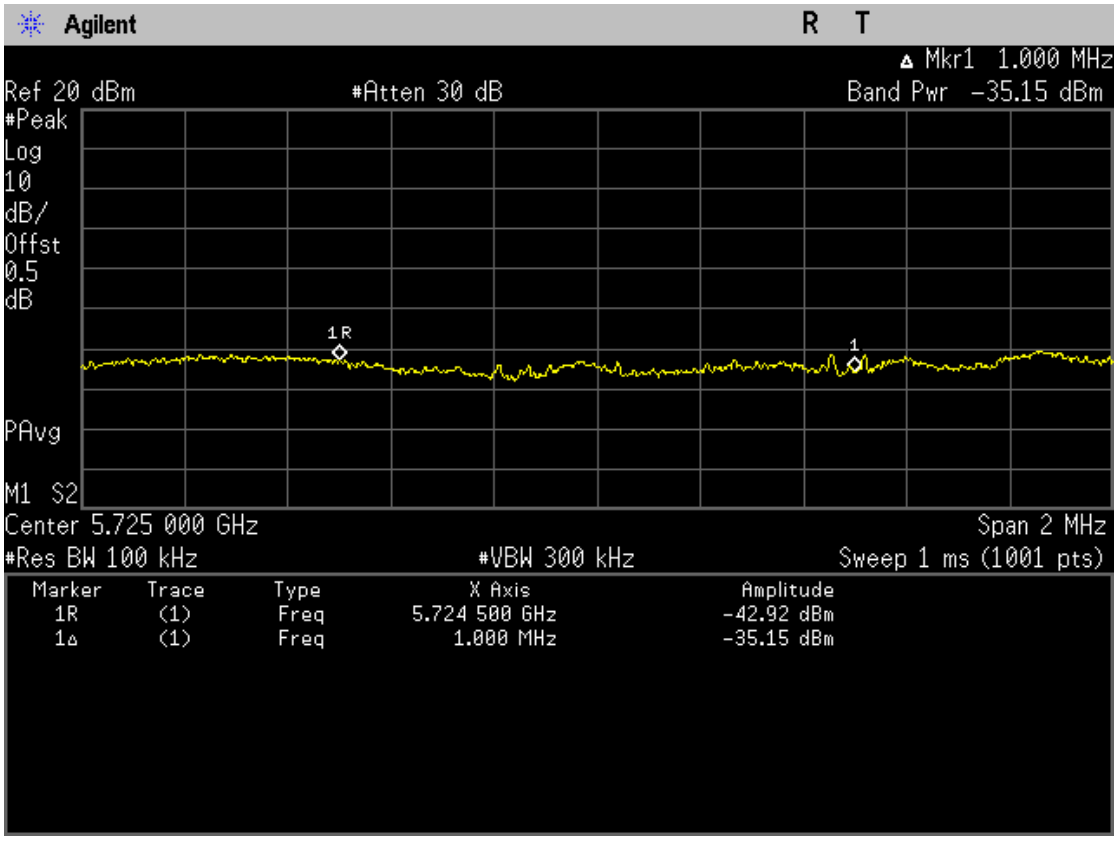

Agilent
R T
Mkr3 5.725 00 GHz
Ref 10 dBm
Atten 20 dB
-55.44 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-24.1
dBm
LgAv
M1 S2
Center 5.725 00 GHz
Span 50 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 4.8 ms (1001 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 5.740 00 GHz -4.07 dBm
2 (1) Freq 5.735 55 GHz -26.36 dBm
3 (1) Freq 5.725 00 GHz -55.44 dBm

CH165

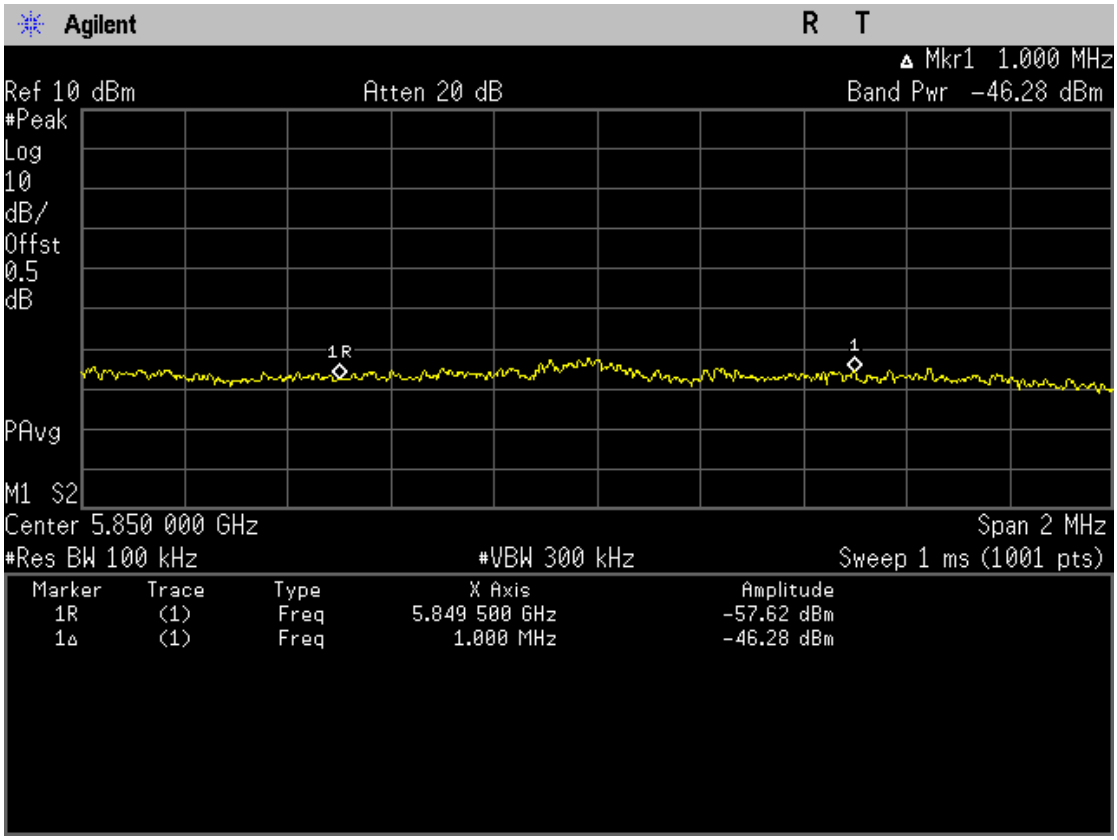

Agilent
R T
Mkr3 5.850 00 GHz
Ref 10 dBm
Atten 20 dB
-56.63 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-25.4
dBm
LgAv
M1 S2
Center 5.850 00 GHz
Span 50 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 4.8 ms (1001 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 5.826 25 GHz -5.39 dBm
2 (1) Freq 5.834 40 GHz -26.48 dBm
3 (1) Freq 5.850 00 GHz -56.63 dBm

7.4.4. 802.11a

CH149



CH165



8. POWER SPECTRAL DENSITY MEASUREMENT

8.1. Test Equipment

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	E4447A	MY45300136	2013-01-05	2014-01-04

8.2. Block Diagram of Test Setup

The same as section 5.2.

8.3. 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.

8.4. Test Results

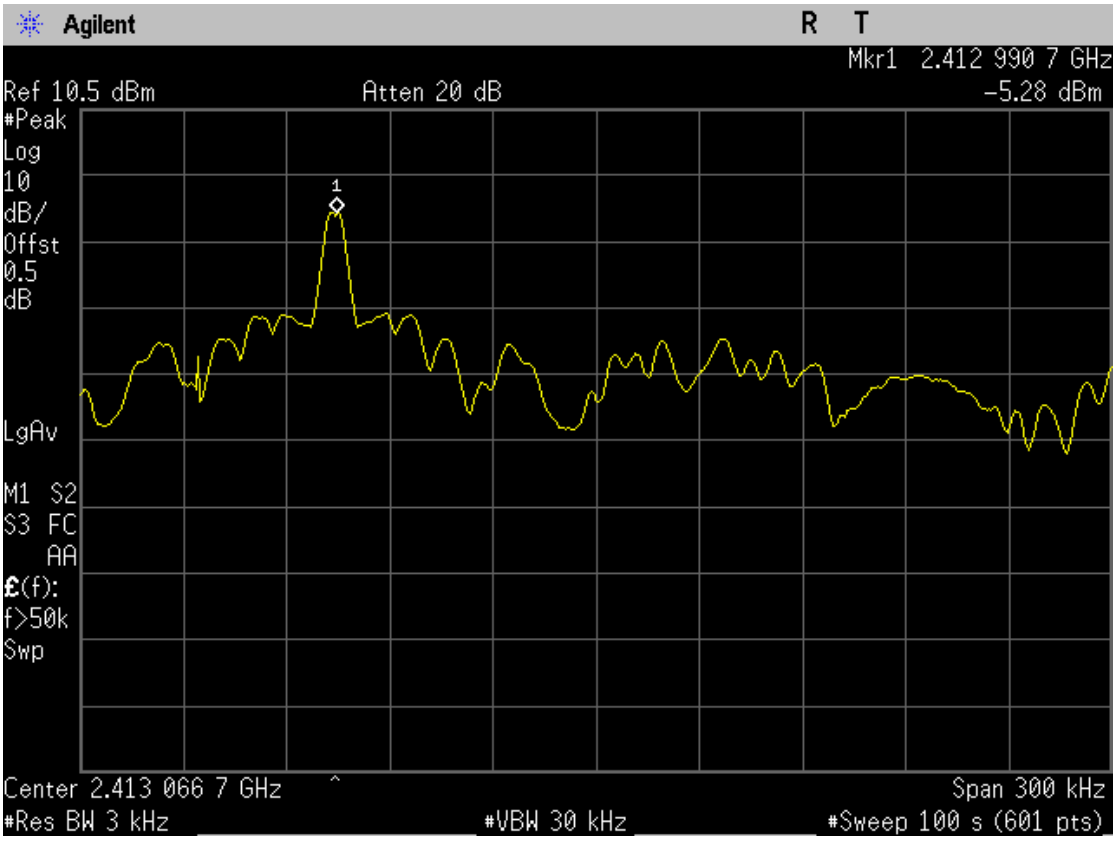
PASSED. All the test results are attached in next page.

Test Date: Apr.20, 2013 Temperature: 19.1 ℃ Humidity: 58 %

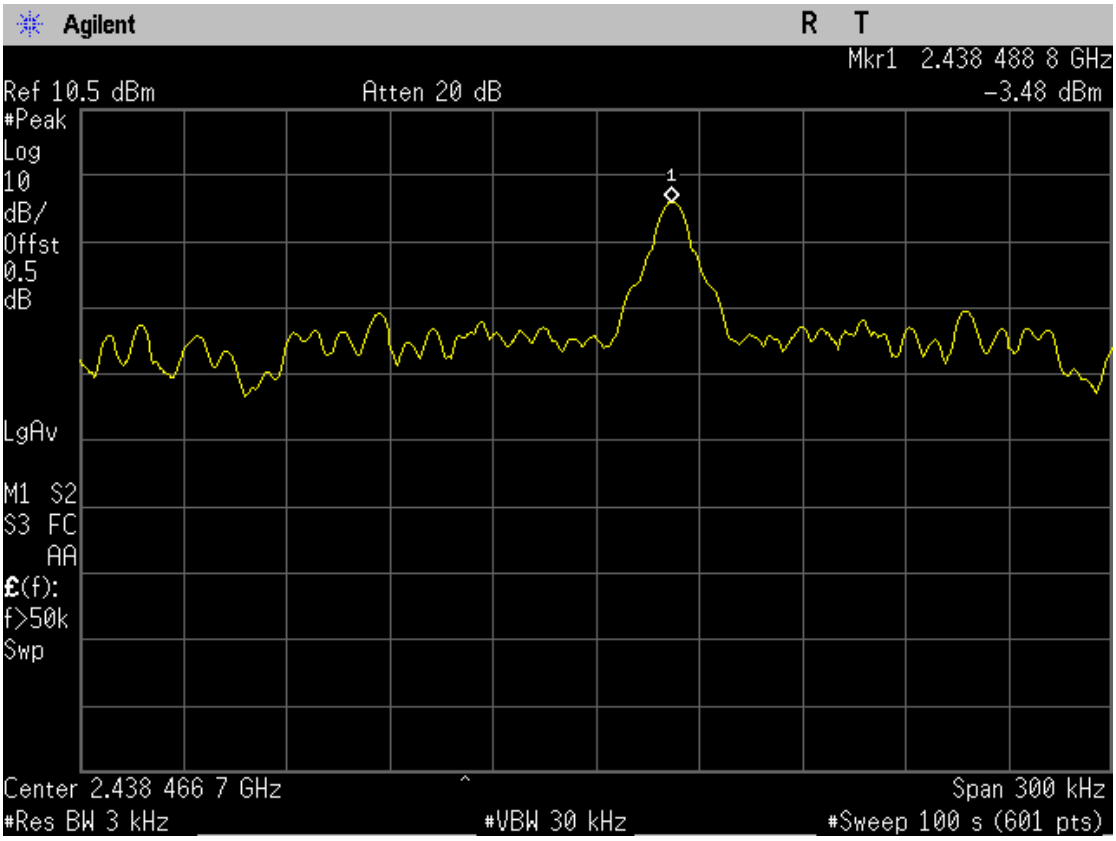
Item	Channel	Frequency(GHz)	Value(dBm)
802.11b	1	2.4129907	-5.28
	6	2.4384888	-3.48
	11	2.4629885	0.72
802.11g	1	2.4182857	-15.96
	6	2.4426153	-16.62
	11	2.4644744	-15.94
802.11n HT20	1	2.4088000	-19.85
	6	2.4338936	-17.02
	11	2.4588917	-16.55
	149	5.7399783	-12.50
	157	5.7815776	-14.32
	165	5.8199761	-14.04
802.11a	149	5.7384521	-15.88
	157	5.7786833	-15.85
	165	5.8193854	-16.27

8.4.1. 802.11b

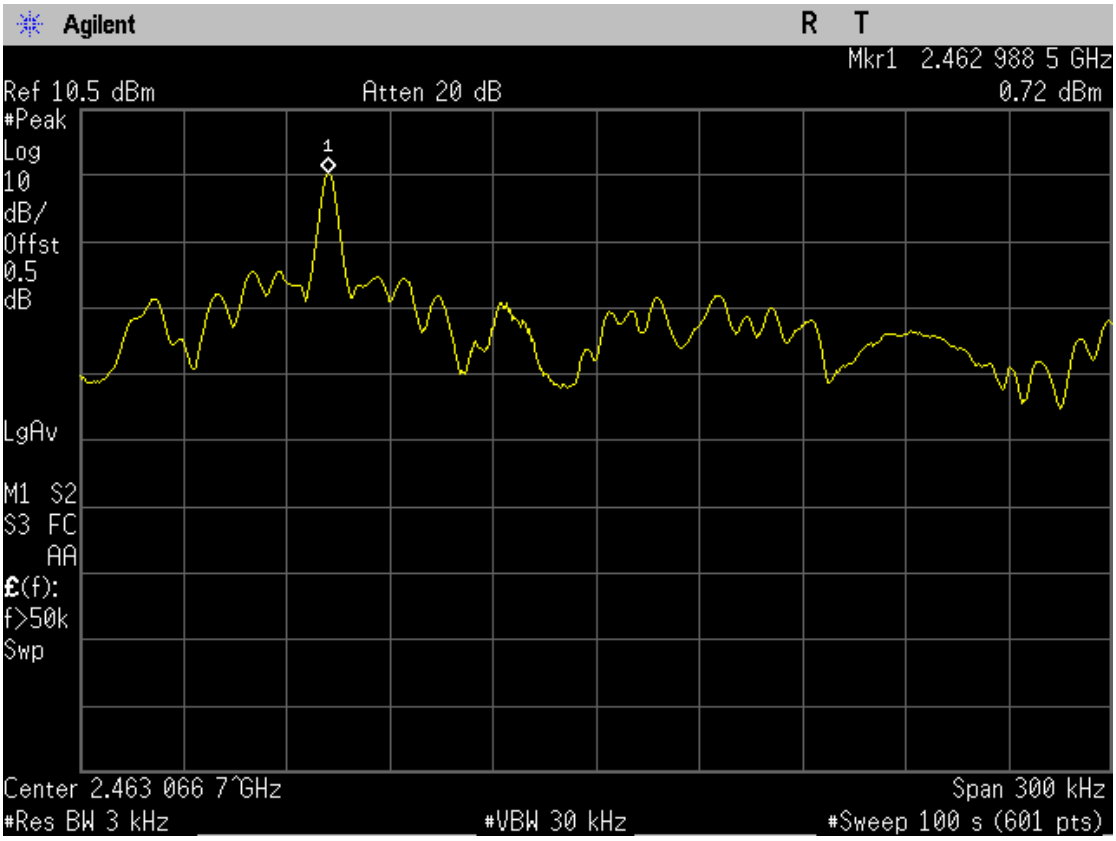
CH 1



CH 6

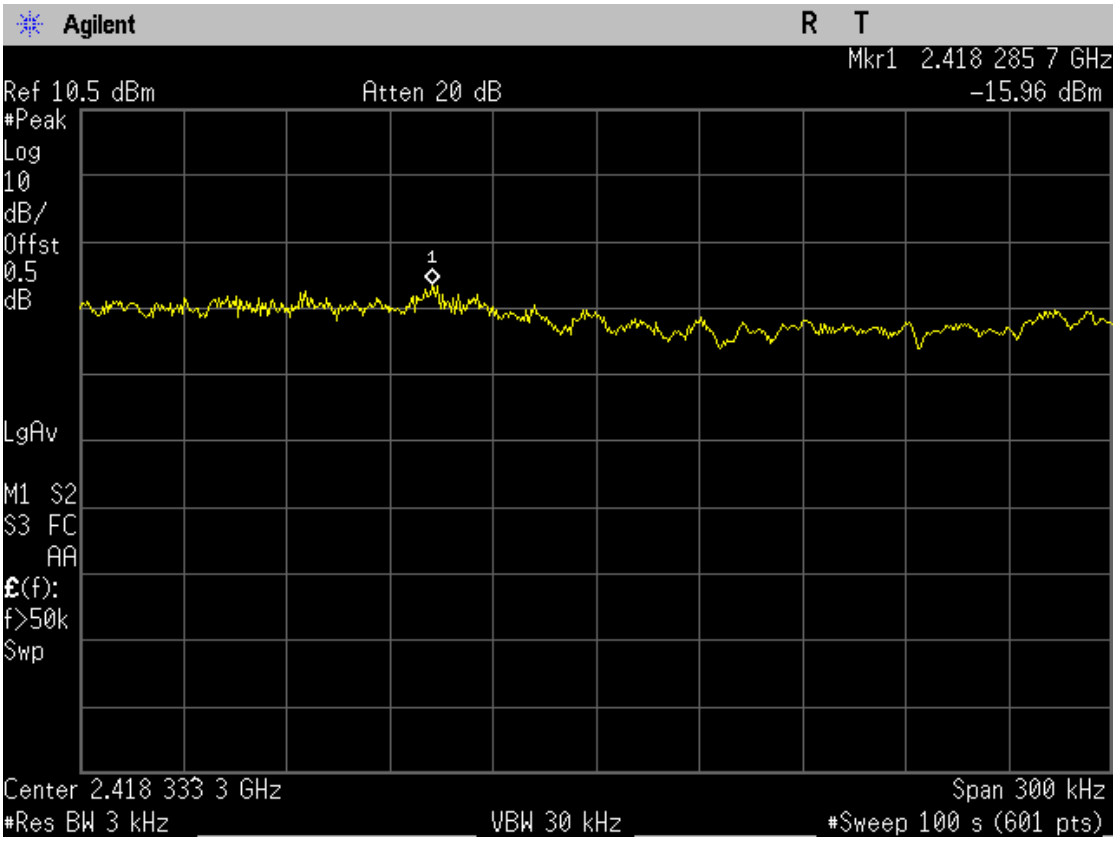


CH 11

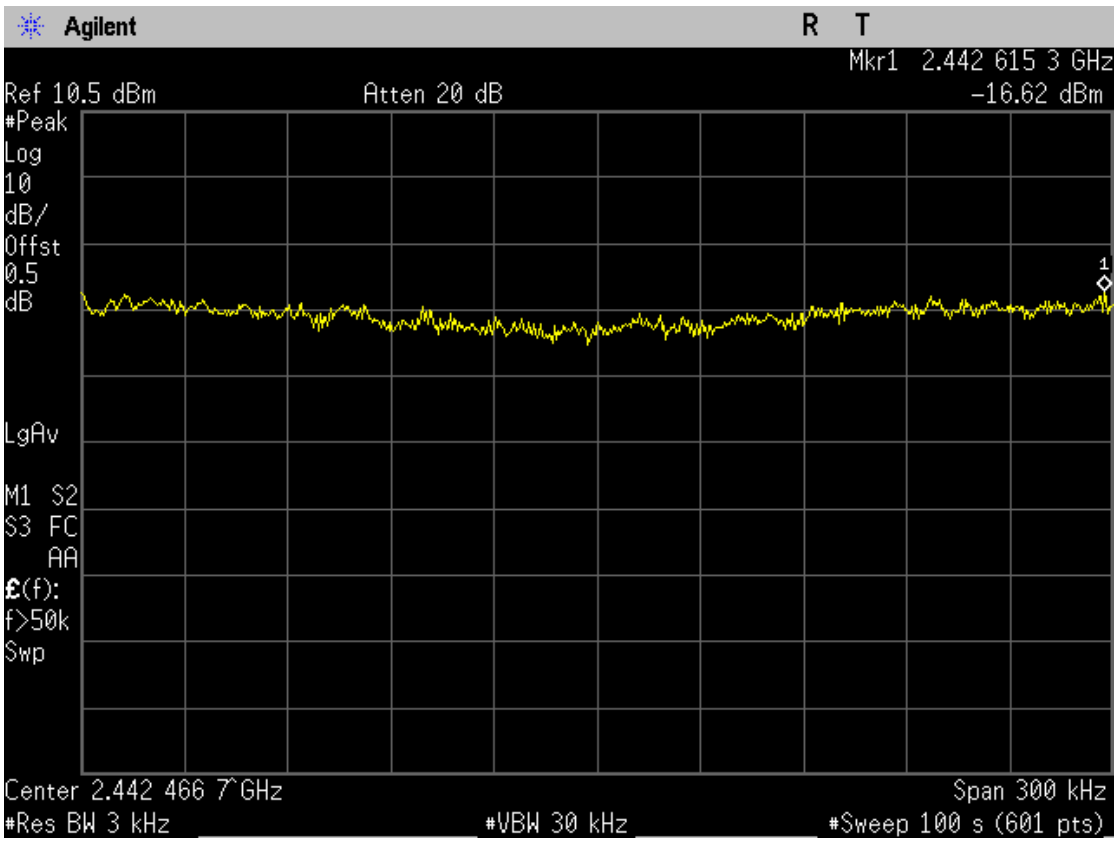


8.4.2. 802.11g

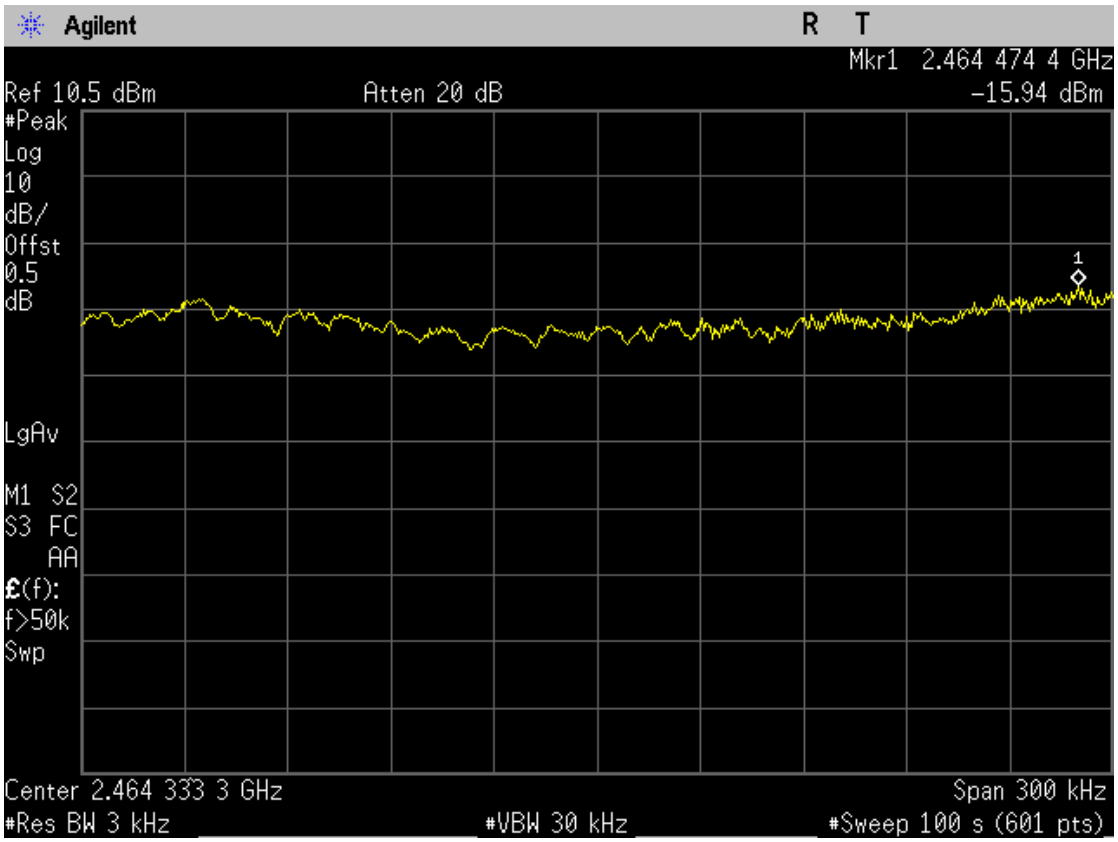
CH 1



CH 6

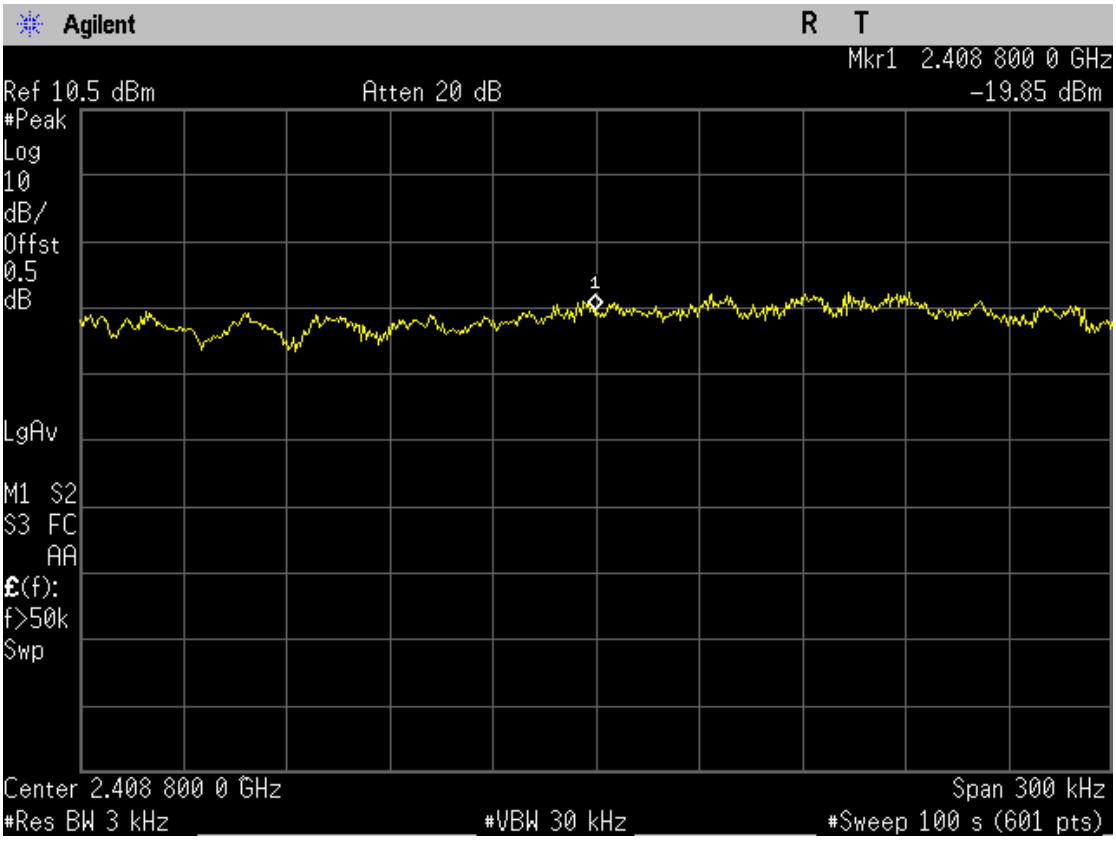

Agilent
R T
Mkr1 2.442 615 3 GHz
Ref 10.5 dBm
Atten 20 dB
-16.62 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
1
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Center 2.442 466 7 GHz
Span 300 kHz
#Res BW 3 kHz
#VBW 30 kHz
#Sweep 100 s (601 pts)

CH 11

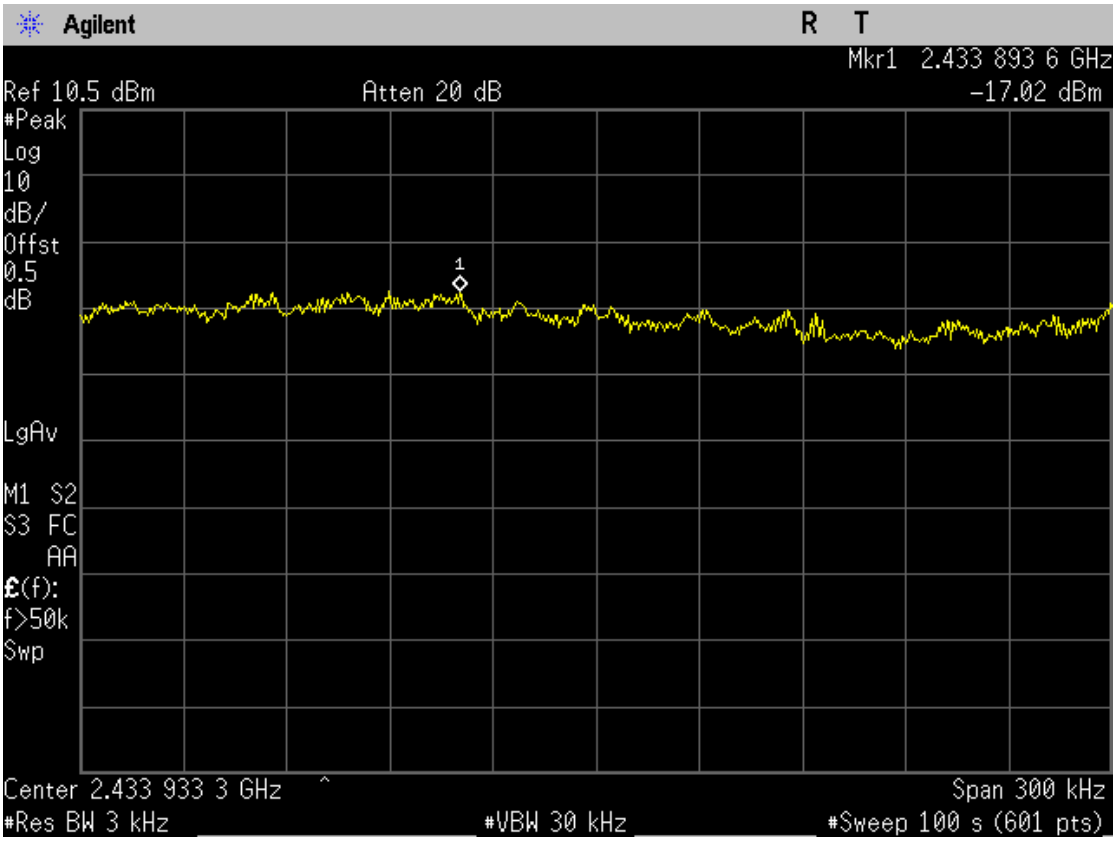

Agilent
R T
Mkr1 2.464 474 4 GHz
Ref 10.5 dBm
Atten 20 dB
-15.94 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
1
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Center 2.464 333 3 GHz
Span 300 kHz
#Res BW 3 kHz
#VBW 30 kHz
#Sweep 100 s (601 pts)

8.4.3. 802.11n HT20

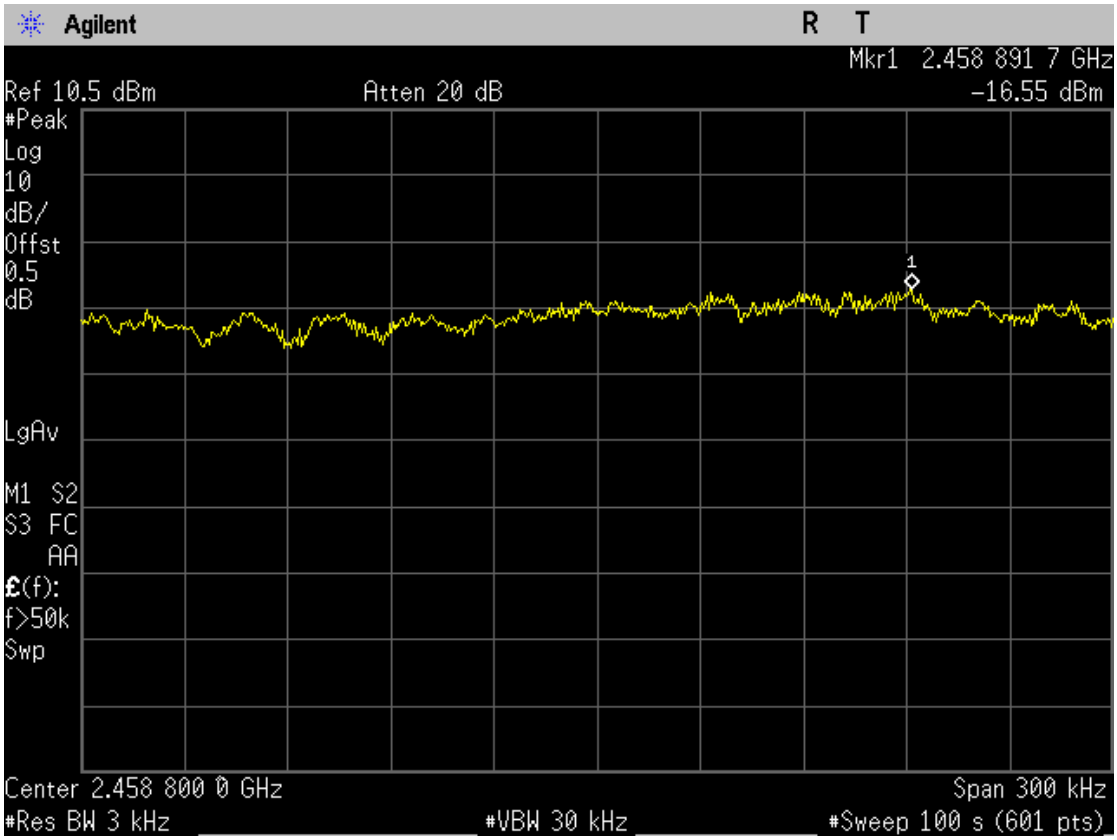
CH 1



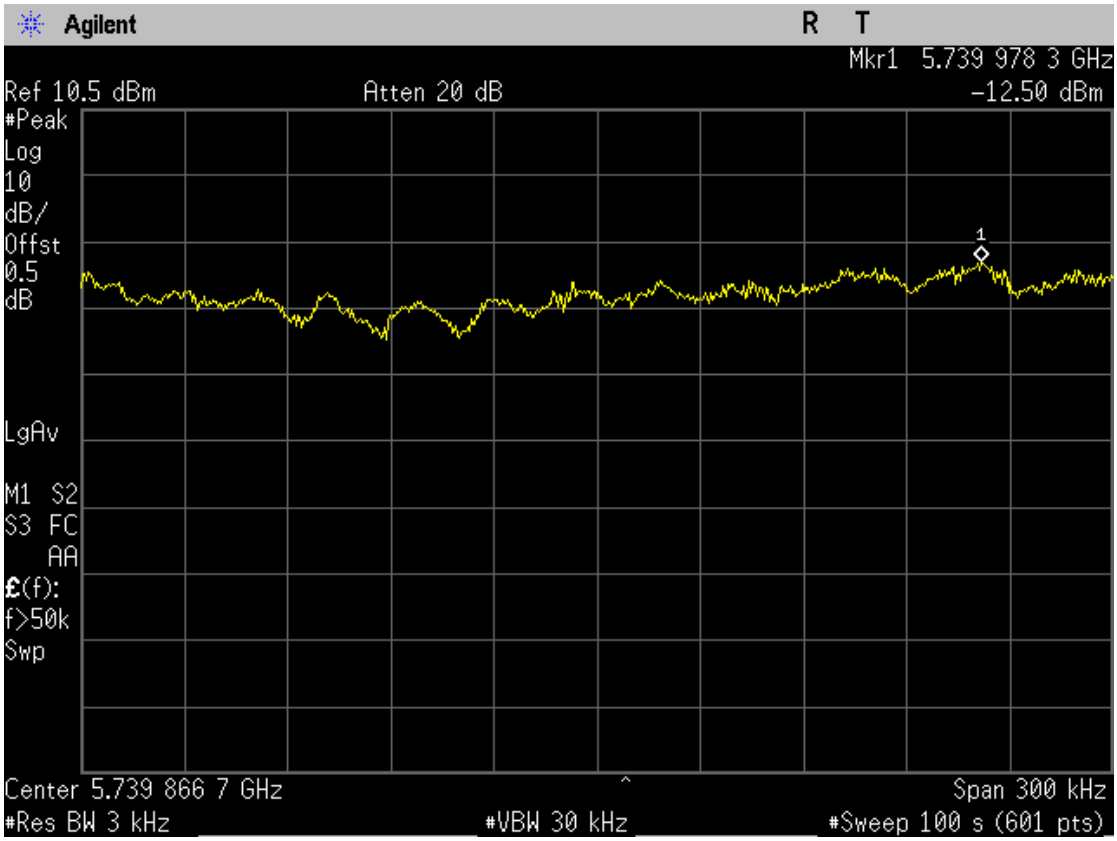
CH 6



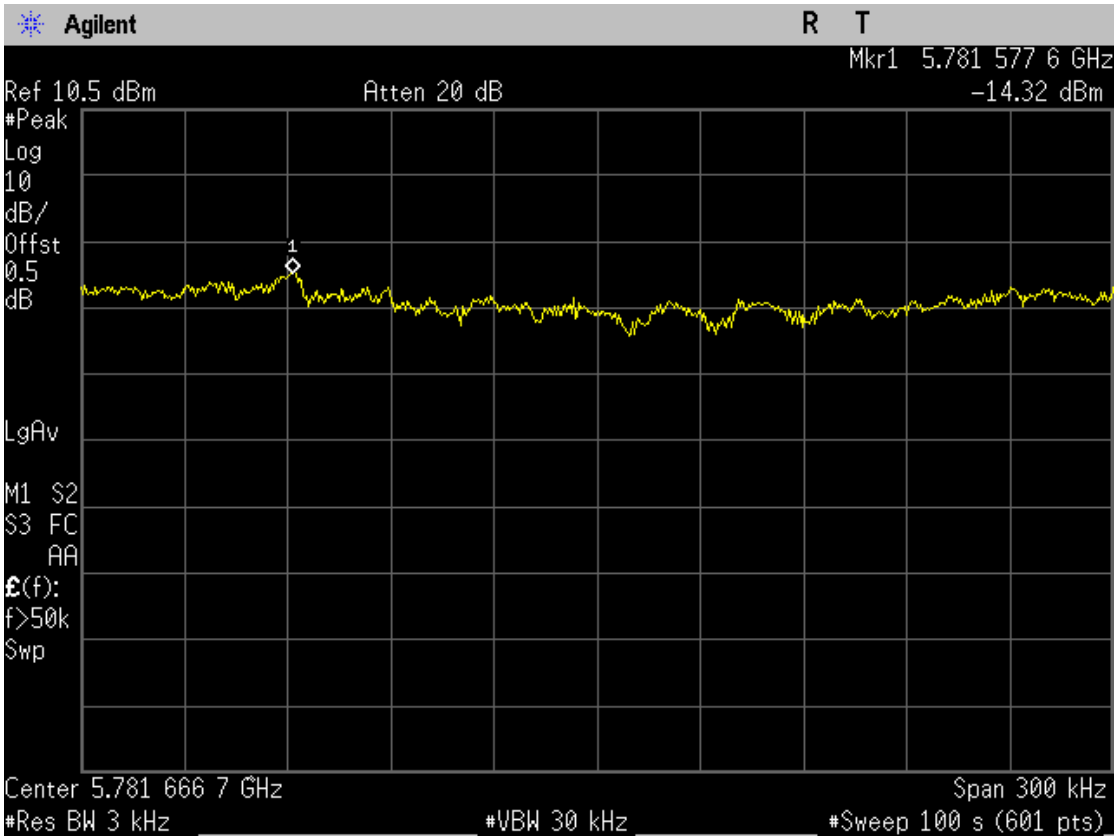
CH 11


Agilent
R T
Mkr1 2.458 891 7 GHz
Ref 10.5 dBm
Atten 20 dB
-16.55 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Center 2.458 800 0 GHz
Span 300 kHz
#Res BW 3 kHz
#VBW 30 kHz
#Sweep 100 s (601 pts)

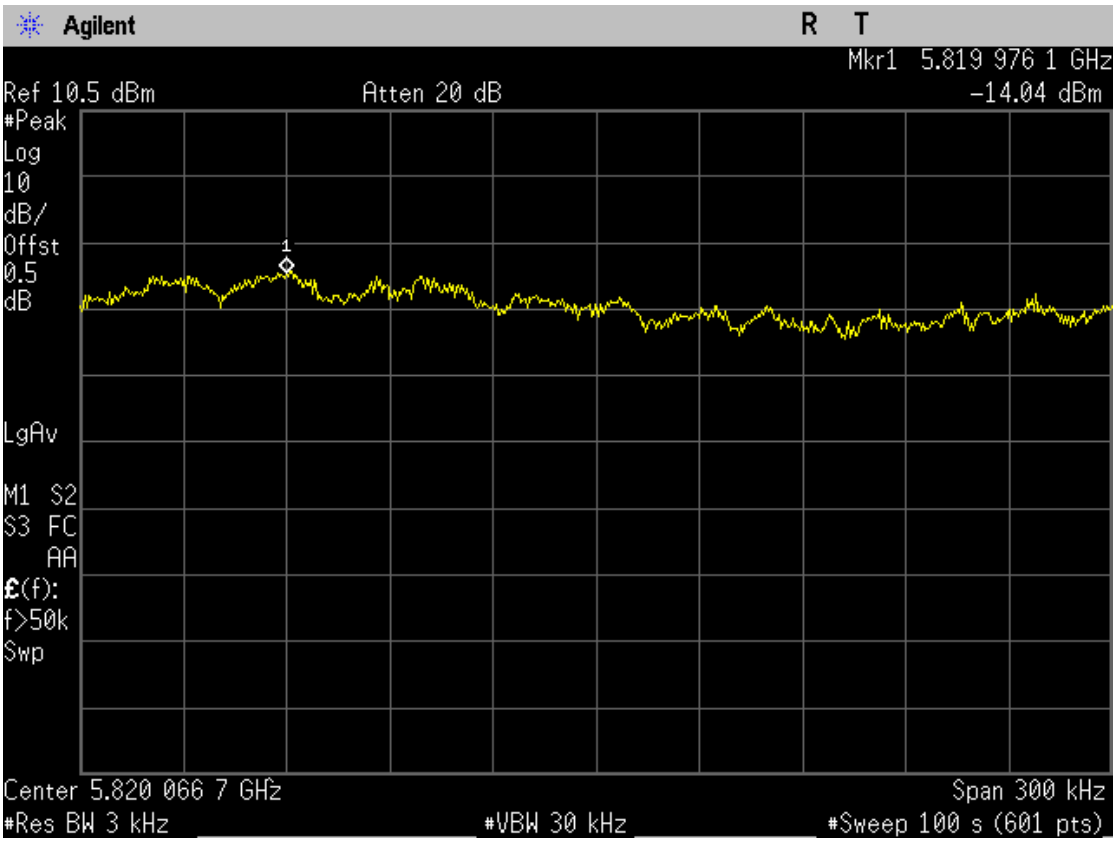
CH 149


Agilent
R T
Mkr1 5.739 978 3 GHz
Ref 10.5 dBm
Atten 20 dB
-12.50 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Center 5.739 866 7 GHz
Span 300 kHz
#Res BW 3 kHz
#VBW 30 kHz
#Sweep 100 s (601 pts)

CH 157

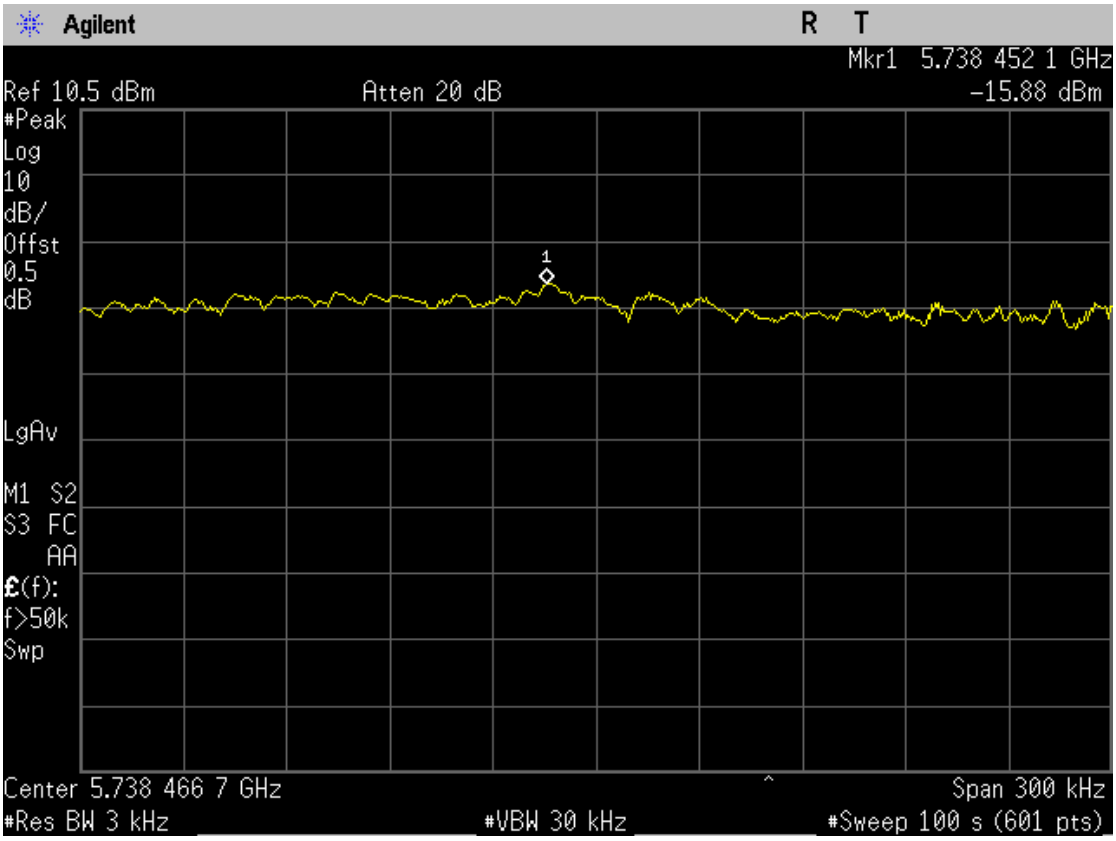

Agilent
R T
Mkr1 5.781 577 6 GHz
Ref 10.5 dBm
Atten 20 dB
-14.32 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Center 5.781 666 7 GHz
Span 300 kHz
#Res BW 3 kHz
#VBW 30 kHz
#Sweep 100 s (601 pts)

CH 165

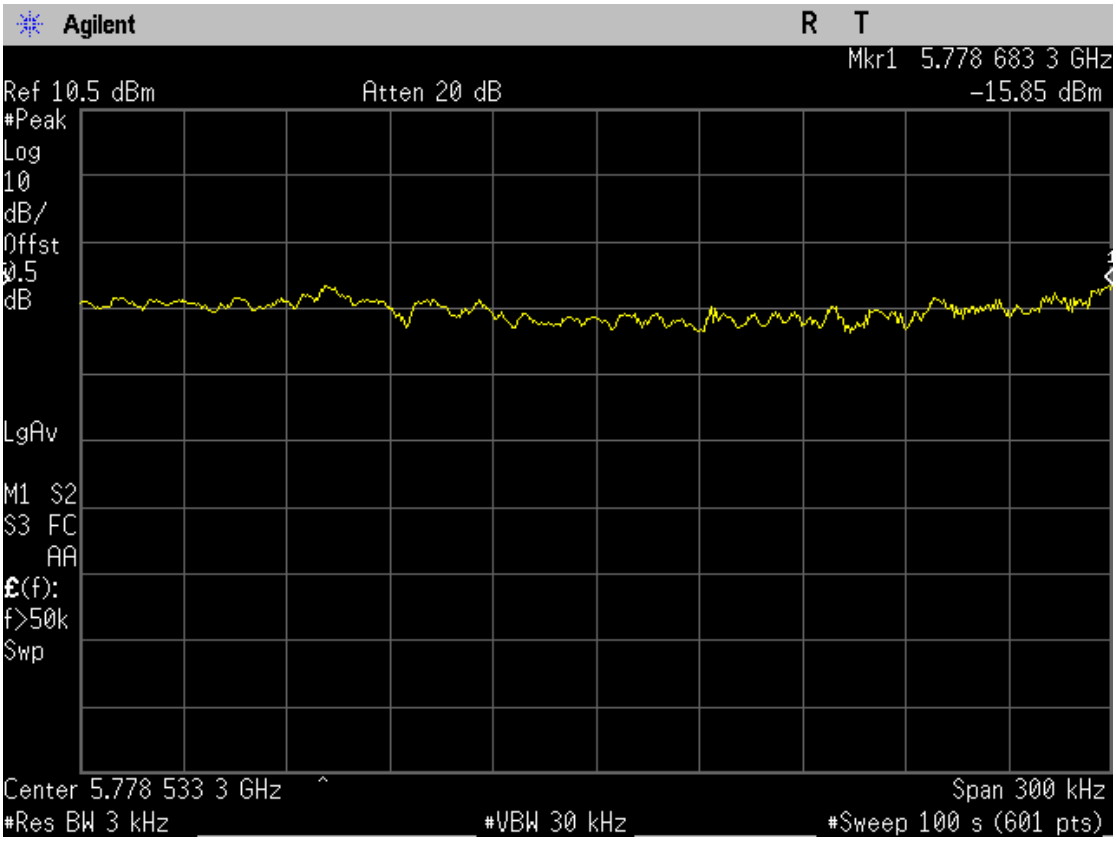

Agilent
R T
Mkr1 5.819 976 1 GHz
Ref 10.5 dBm
Atten 20 dB
-14.04 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Center 5.820 066 7 GHz
Span 300 kHz
#Res BW 3 kHz
#VBW 30 kHz
#Sweep 100 s (601 pts)

8.4.4. 802.11a

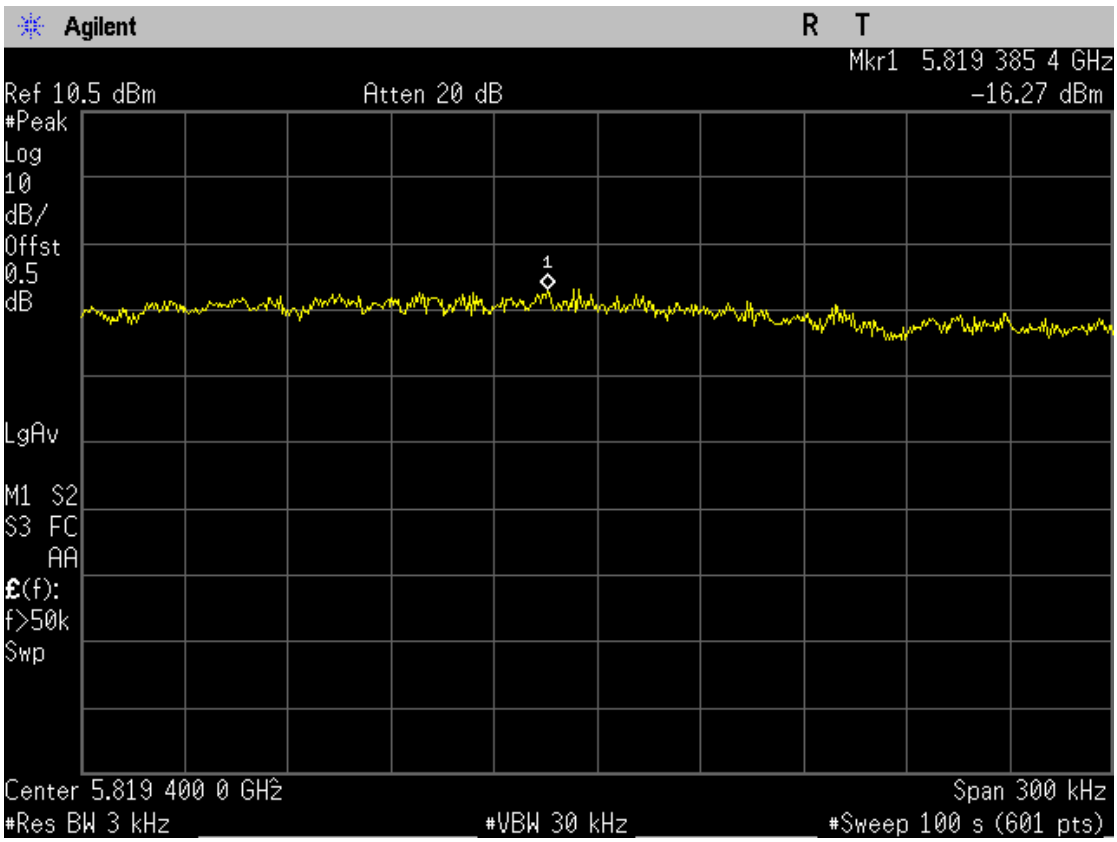
CH 149



CH 157



CH 165


Agilent
R T
Mkr1 5.819 385 4 GHz
Ref 10.5 dBm
Atten 20 dB
-16.27 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
1
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Center 5.819 400 0 GHz
Span 300 kHz
#Res BW 3 kHz
#VBW 30 kHz
#Sweep 100 s (601 pts)

9. EMISSION LIMITATIONS MEASUREMENT

9.1. Test Equipment

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	E4447A	MY45300136	2013-01-05	2014-01-04

9.2. Block Diagram of Test Setup

The same as section 5.2.

9.3. 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)).

9.4. Test Results

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

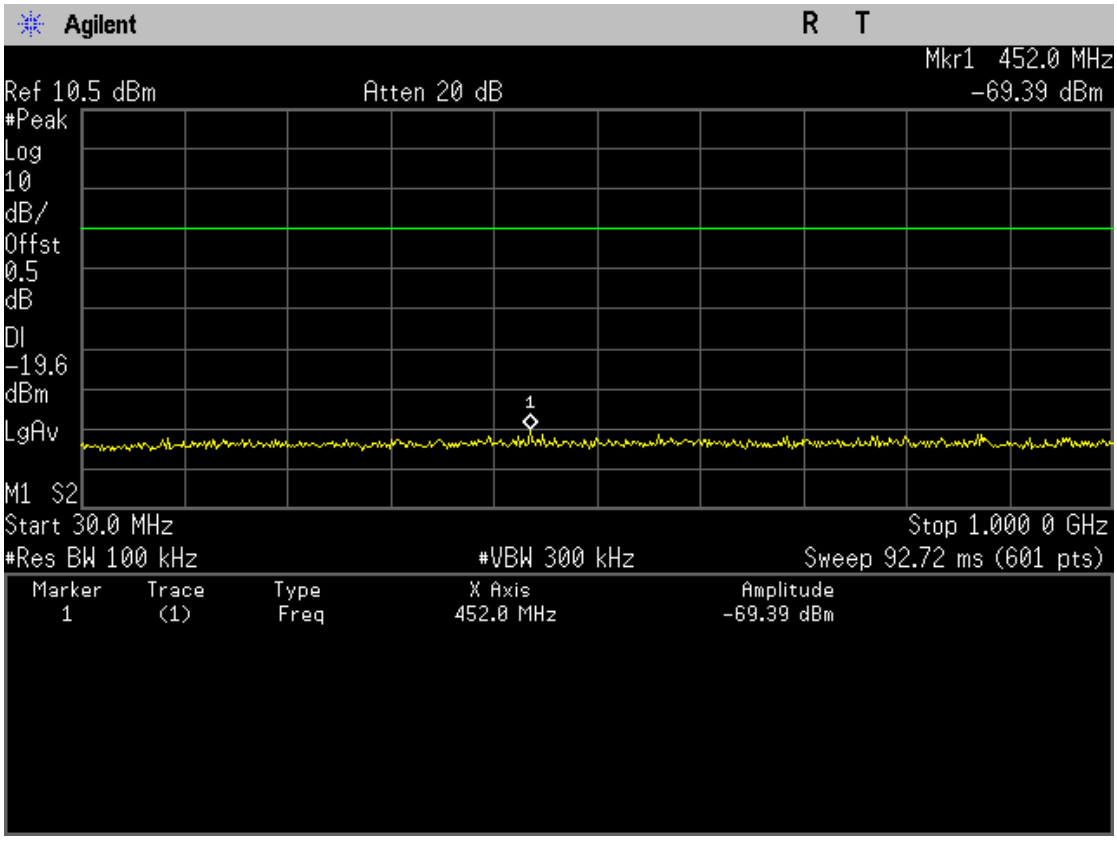
Test Date: Apr.21, 2013 Temperature: 19.1 ℃ Humidity: 58 %

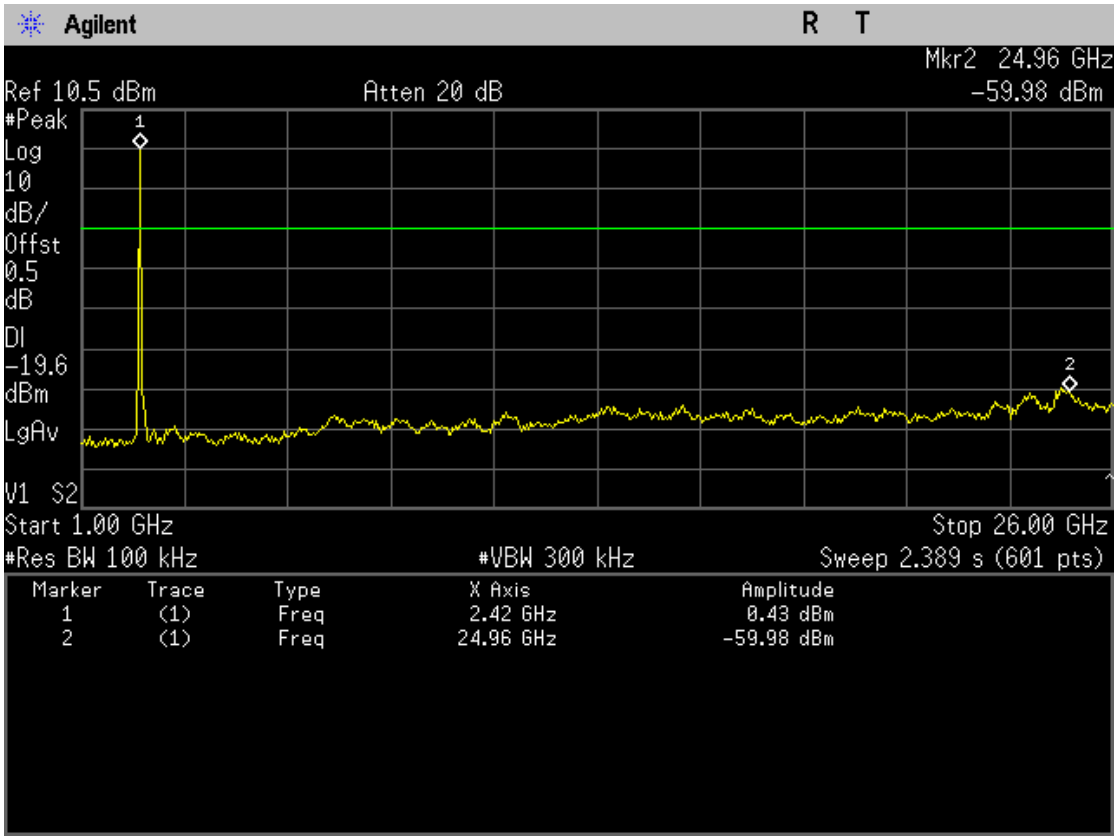
Item	Channel	Frequency(MHz)	Amplitude(dBm)
802.11b	1	452.0	-69.39
		2420	0.43
		24960	-59.98
	6	700.9	-71.00
		2420	1.44
		13620	-64.21
	11	502.1	-66.81
		2460	1.23
		24830	-58.87
802.11g	1	594.2	-71.46
		2420	-5.98
		13710	-64.49
	6	637.9	-71.61
		2420	-3.79
		13.79	-64.52
	11	510.2	-70.80
		2460	-5.17
		24040	-60.99
802.11n HT20	1	240.2	-70.83
		2420	-5.59
		13670	-65.25
	6	959.6	-70.58
		2420	-5.19
		15540	-65.26
	11	959.6	-70.87
		2460	-3.59
		24790	-60.92
	149	959.6	-70.92
		5750	-3.27
		4670	-47.69
		3830	-51.93
	157	990.3	-71.23
		5790	-3.82
		4670	-48.48
		3880	-50.35
	165	581.3	-71.43
		5830	-4.45
		4670	-48.34
		3880	-49.31
		13960	-64.55

2802.11a	149	447.1	-71.46
		5750	-3.26
		4710	-49.39
		18000	-67.85
	157	951.5	-71.11
		5790	-3.57
		4670	-50.54
		3880	-50.37
	165	951.5	-69.82
		5830	-5.43
		4670	-47.70
		3880	-49.20

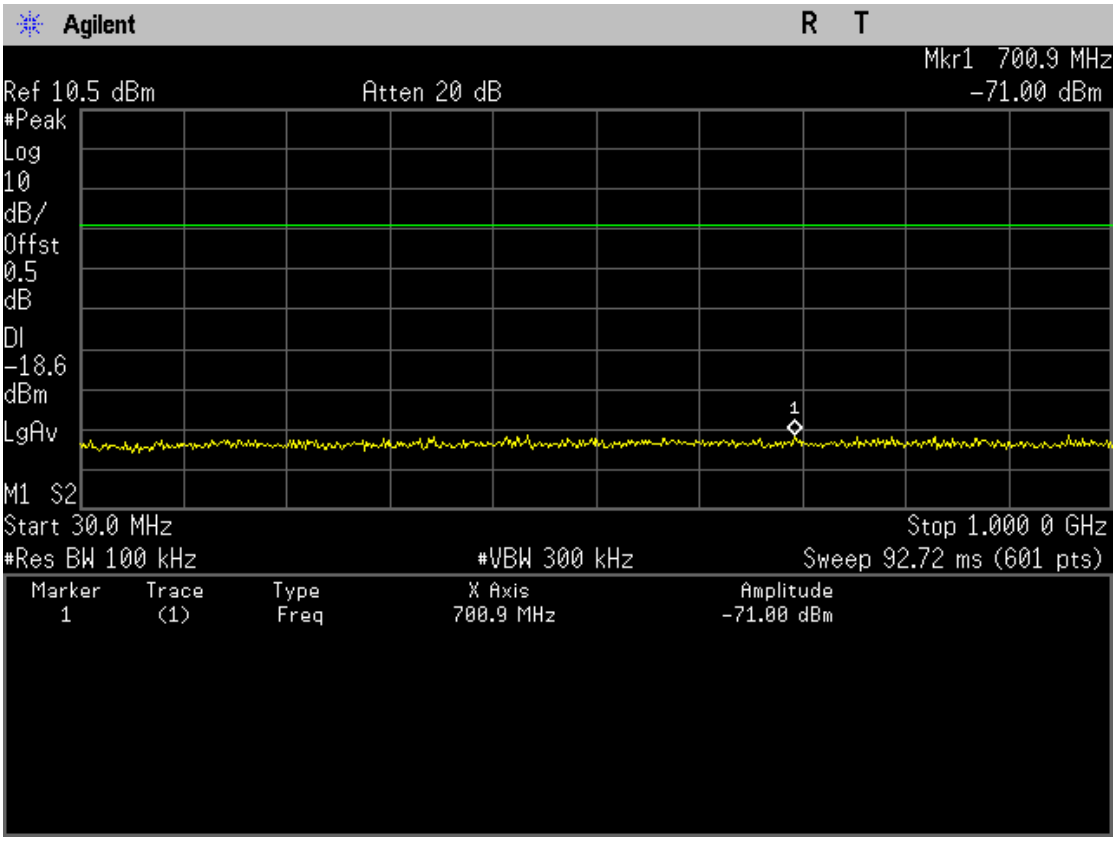
9.4.1. 802.11b

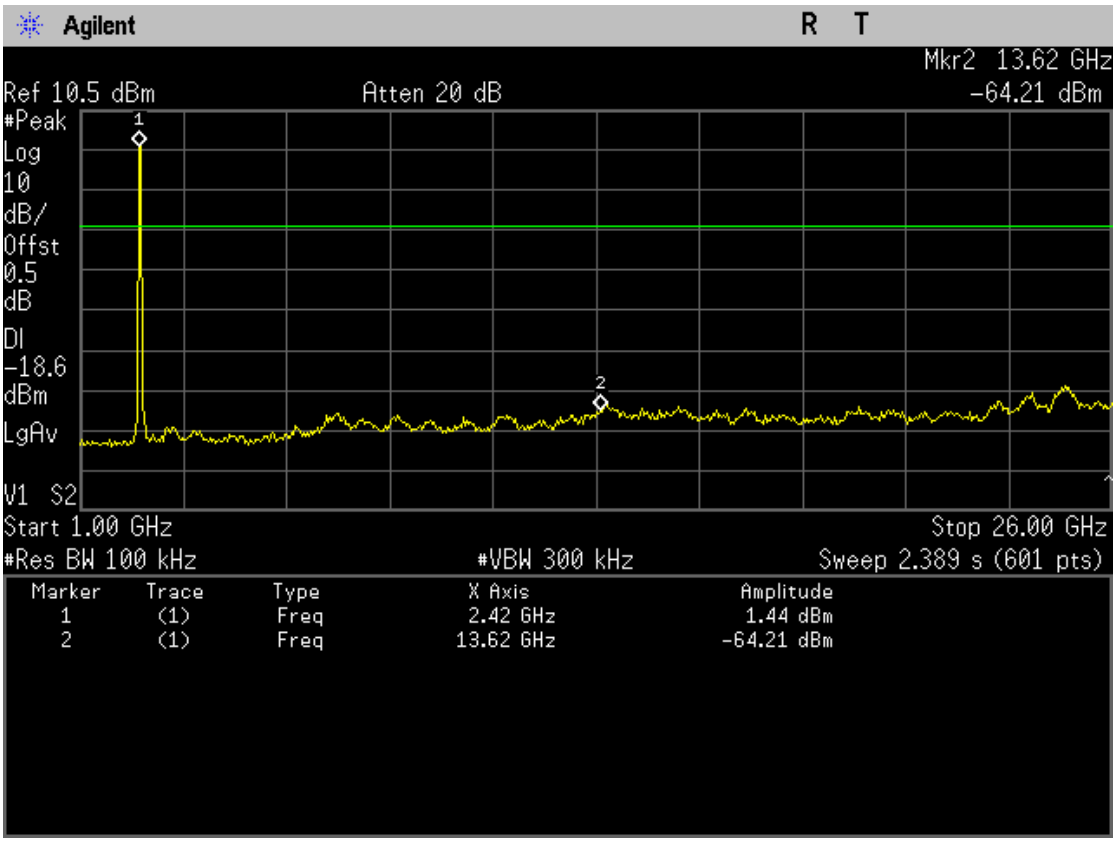
CH 1



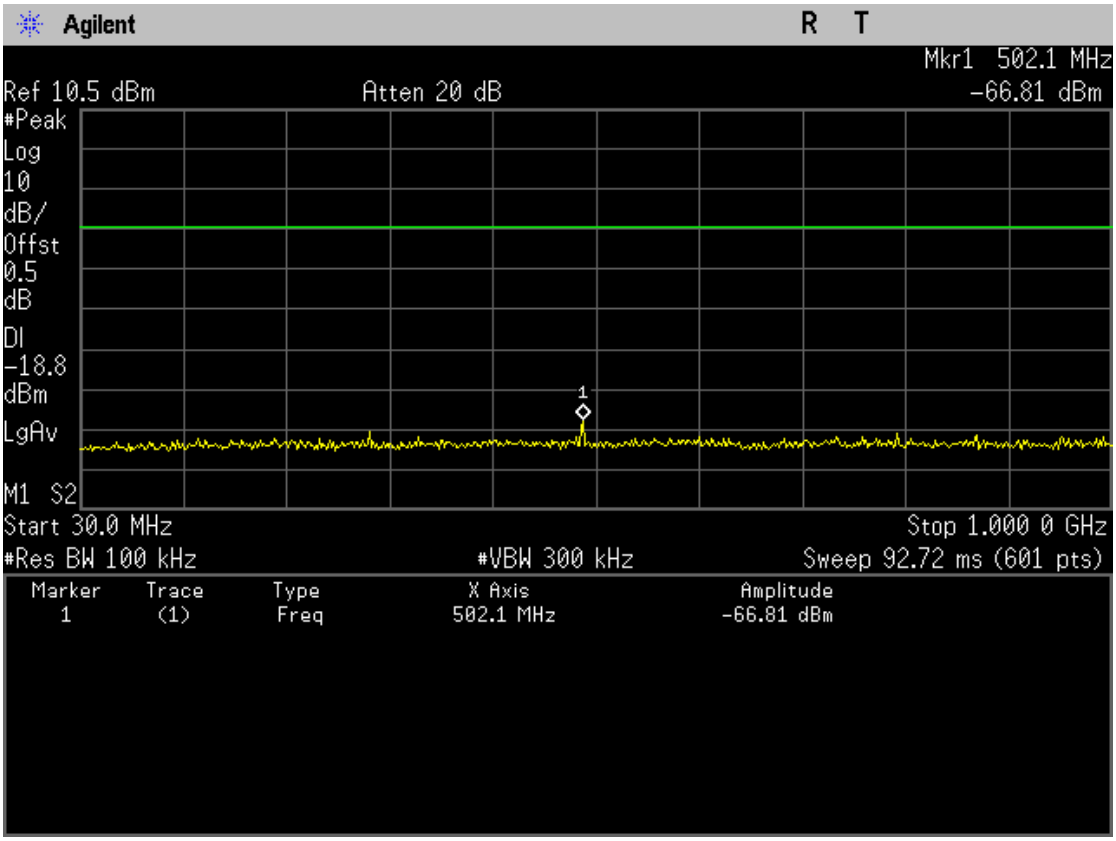


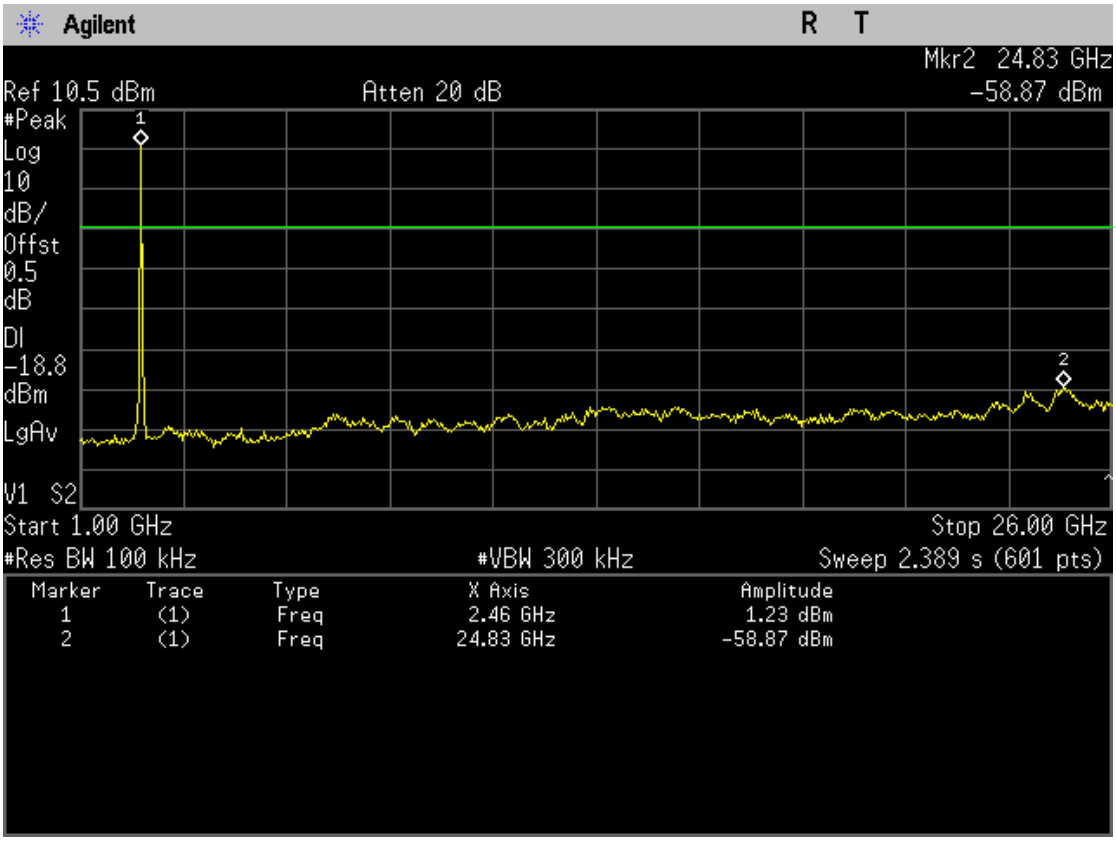
CH 6


Agilent
R T
Mkr1 700.9 MHz
Ref 10.5 dBm
Atten 20 dB
-71.00 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-18.6
dBm
LgAv
M1 S2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 700.9 MHz -71.00 dBm


Agilent
R T
Mkr2 13.62 GHz
Ref 10.5 dBm
Atten 20 dB
-64.21 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-18.6
dBm
LgAv
V1 S2
Start 1.00 GHz
Stop 26.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.389 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.42 GHz 1.44 dBm
2 (1) Freq 13.62 GHz -64.21 dBm

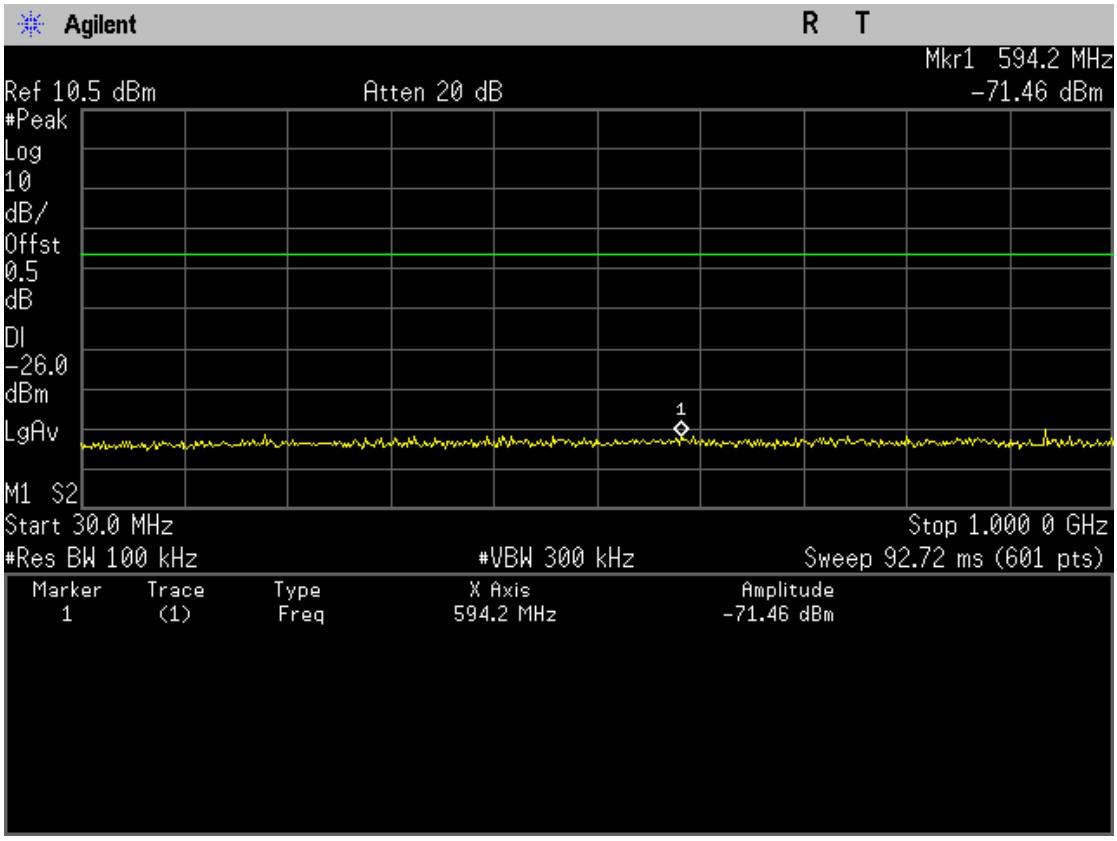
CH 11

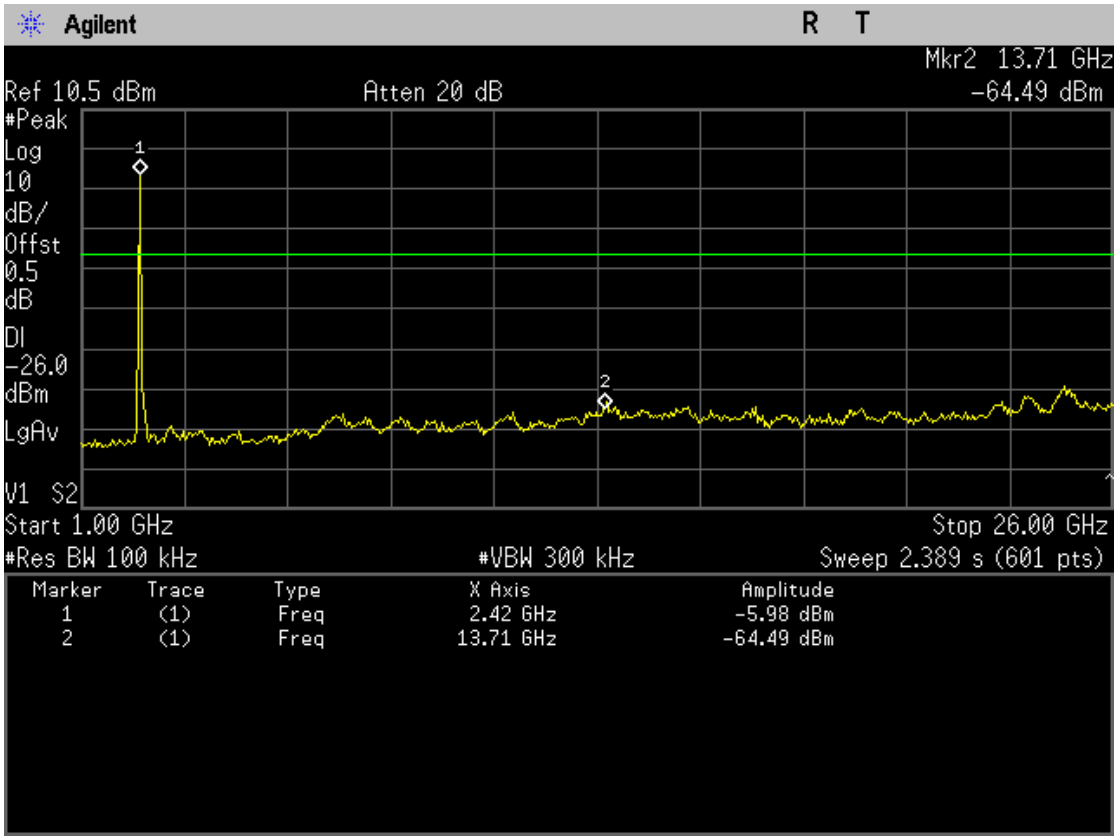

Agilent
R T
Mkr1 502.1 MHz
Ref 10.5 dBm
Atten 20 dB
-66.81 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-18.8
dBm
LgAv
M1 S2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 502.1 MHz -66.81 dBm


Agilent
R T
Mkr2 24.83 GHz
Ref 10.5 dBm
Atten 20 dB
-58.87 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-18.8
dBm
LgAv
V1 S2
Start 1.00 GHz
Stop 26.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.389 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.46 GHz 1.23 dBm
2 (1) Freq 24.83 GHz -58.87 dBm

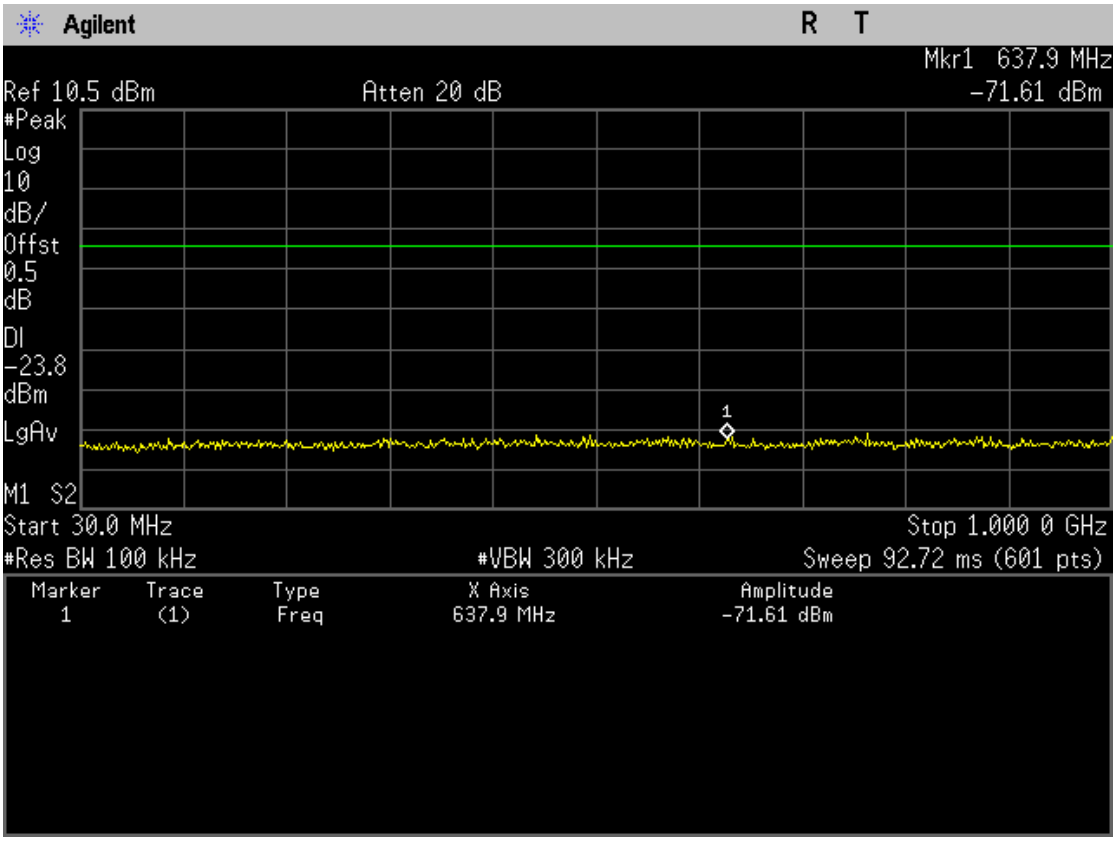
9.4.2. For 802.11g

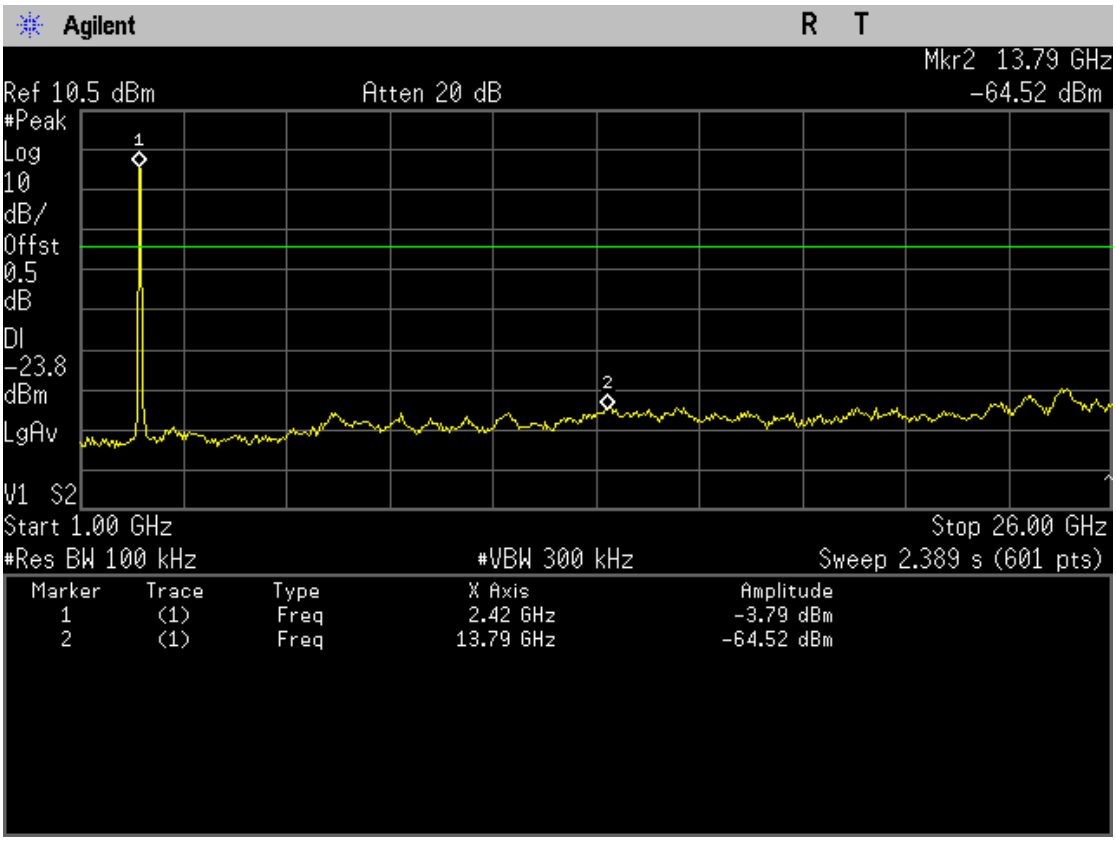
CH 1



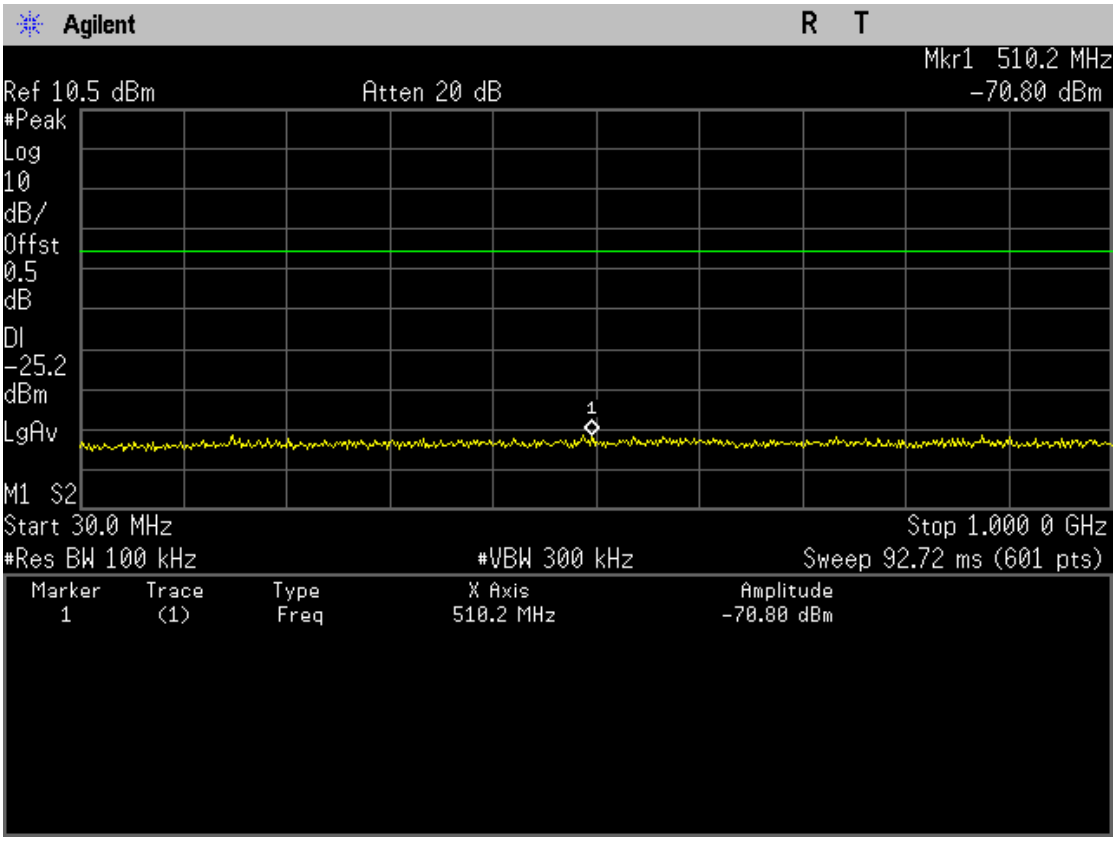


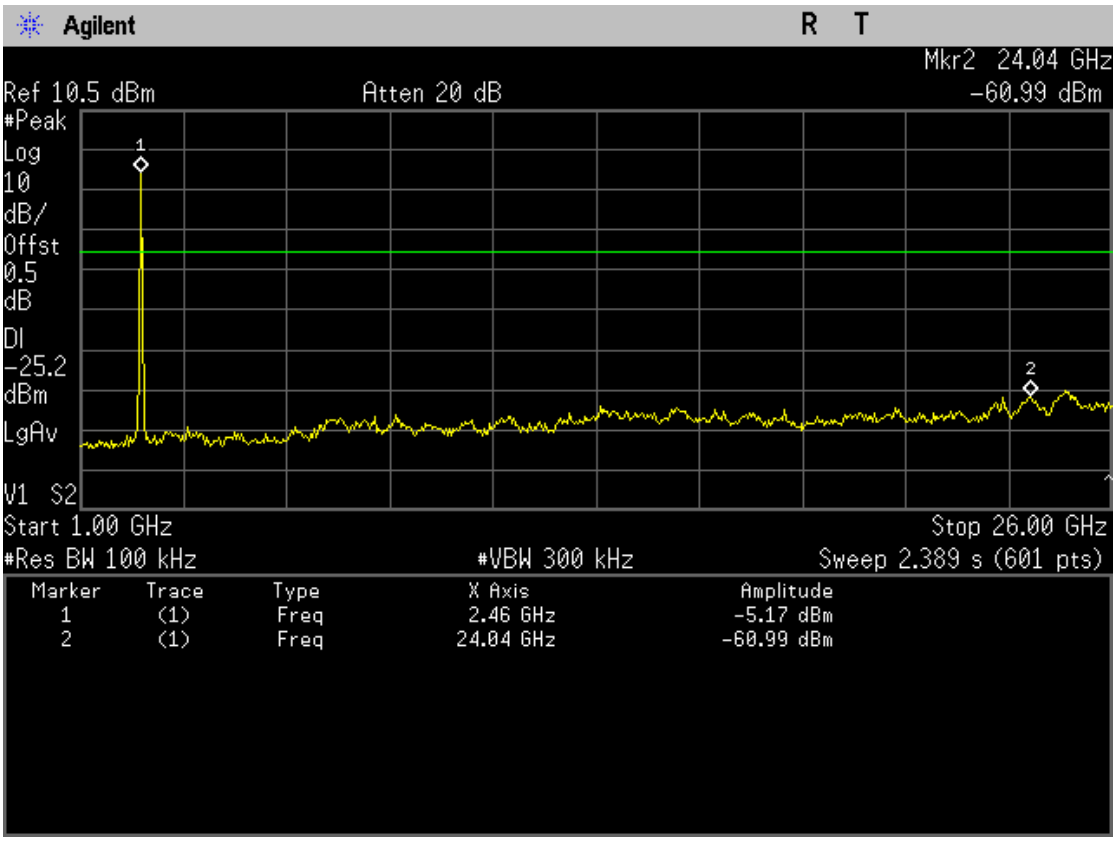
CH 6


Agilent
R T
Mkr1 637.9 MHz
Ref 10.5 dBm
Atten 20 dB
-71.61 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-23.8
dBm
LgAv
M1 S2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 637.9 MHz -71.61 dBm


Agilent
R T
Mkr2 13.79 GHz
Ref 10.5 dBm
Atten 20 dB
-64.52 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-23.8
dBm
LgAv
V1 S2
Start 1.00 GHz
Stop 26.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.389 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.42 GHz -3.79 dBm
2 (1) Freq 13.79 GHz -64.52 dBm

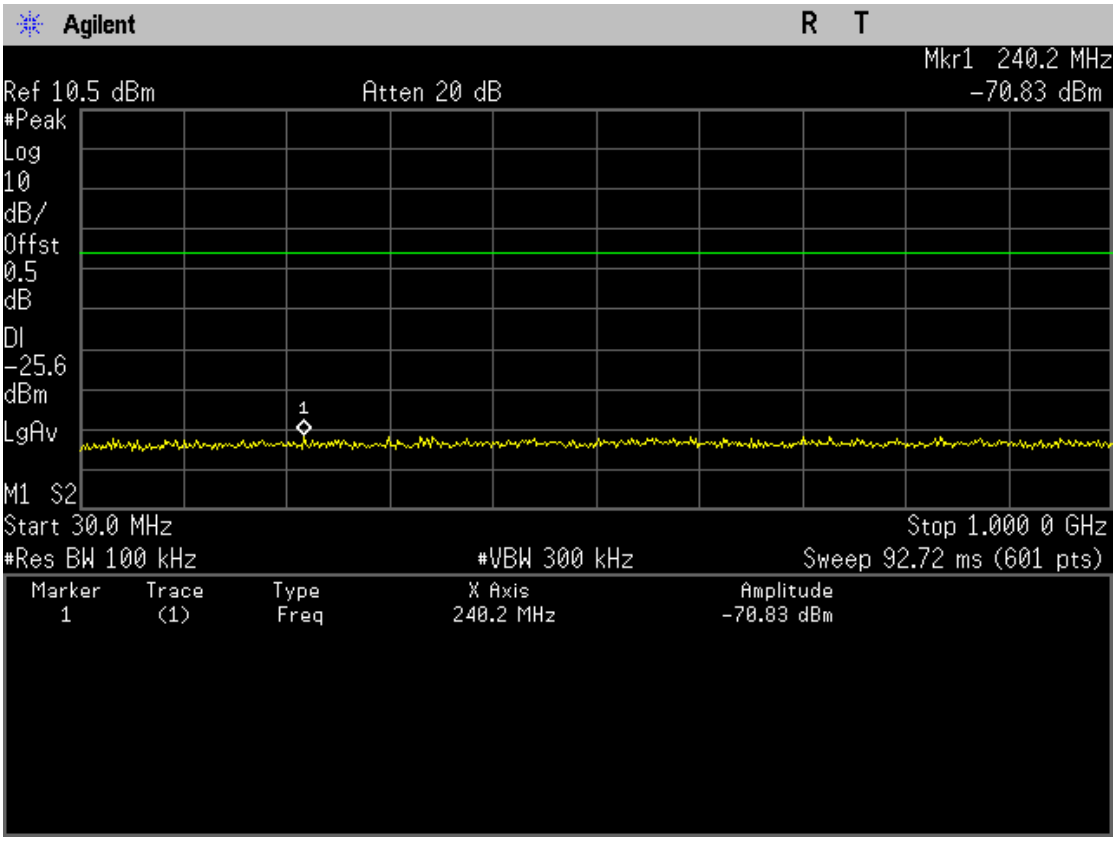
CH 11

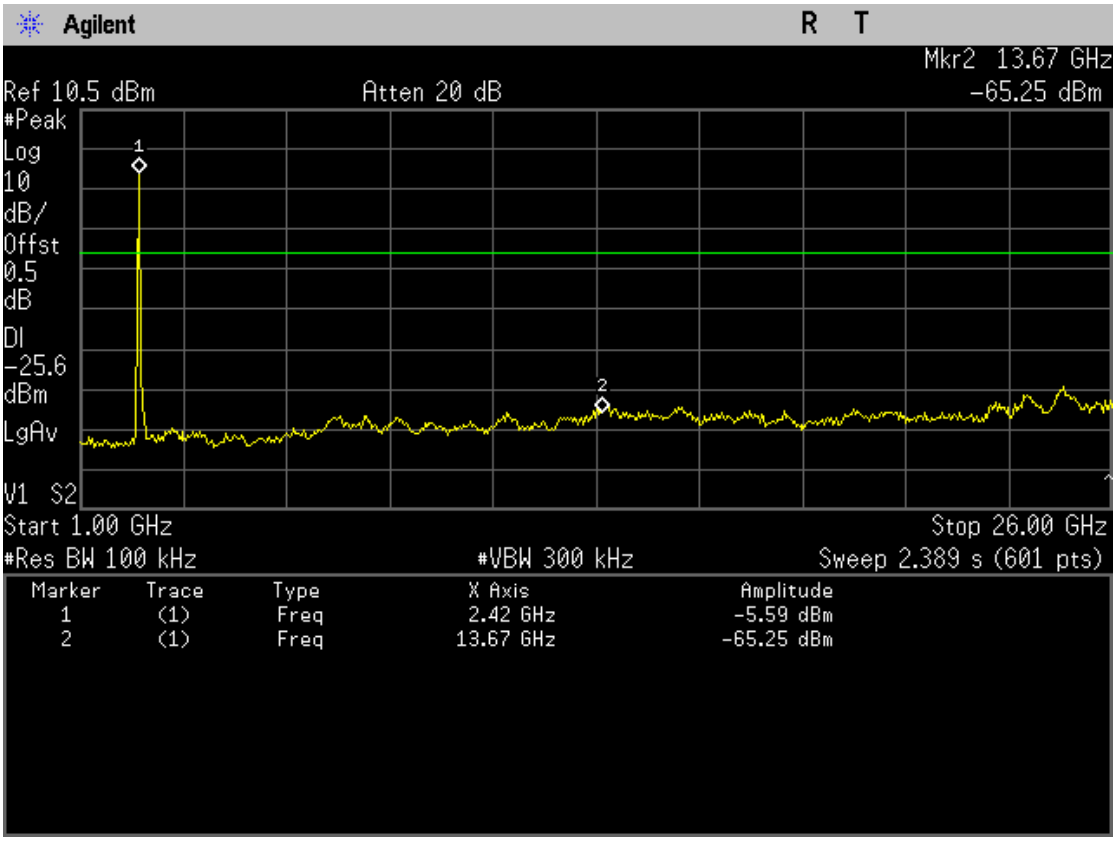

Agilent
R T
Mkr1 510.2 MHz
Ref 10.5 dBm
Atten 20 dB
-70.80 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-25.2
dBm
LgAv
M1 S2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 510.2 MHz -70.80 dBm


Agilent
R T
Mkr2 24.04 GHz
Ref 10.5 dBm
Atten 20 dB
-60.99 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-25.2
dBm
LgAv
V1 S2
Start 1.00 GHz
Stop 26.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.389 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.46 GHz -5.17 dBm
2 (1) Freq 24.04 GHz -60.99 dBm

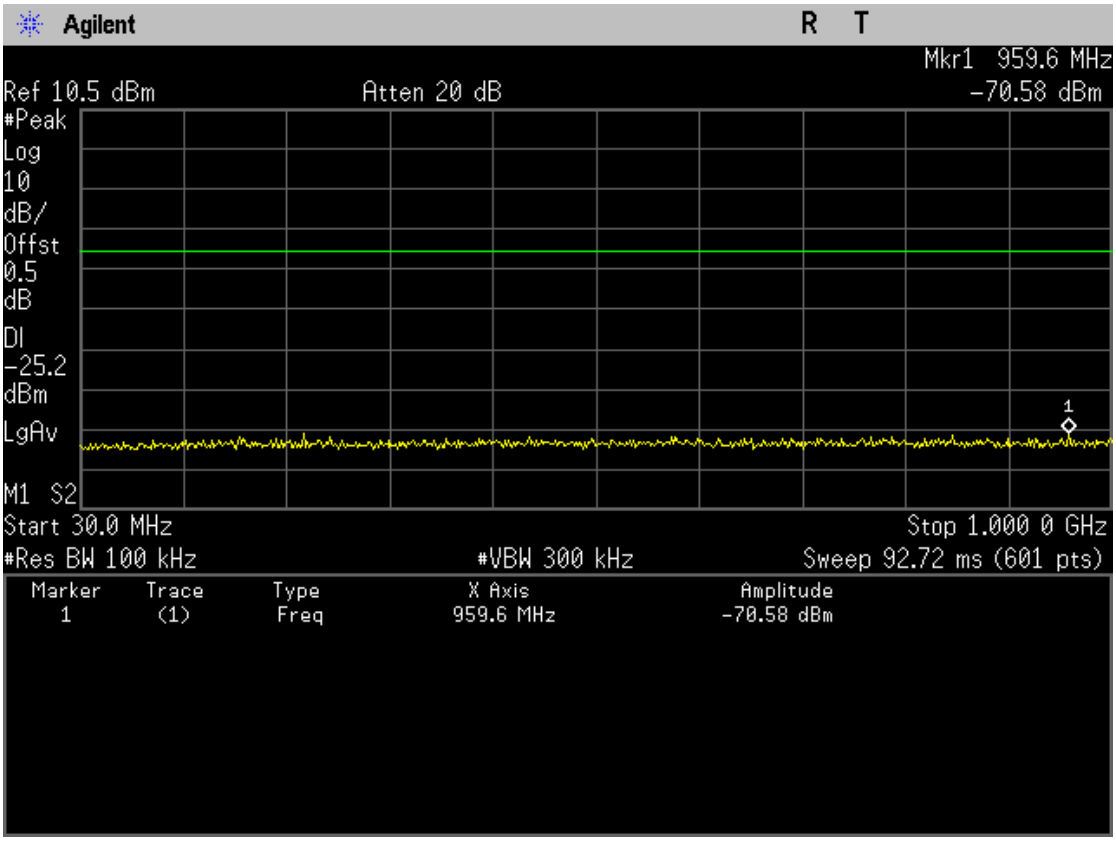
9.4.3. For 802.11n HT20

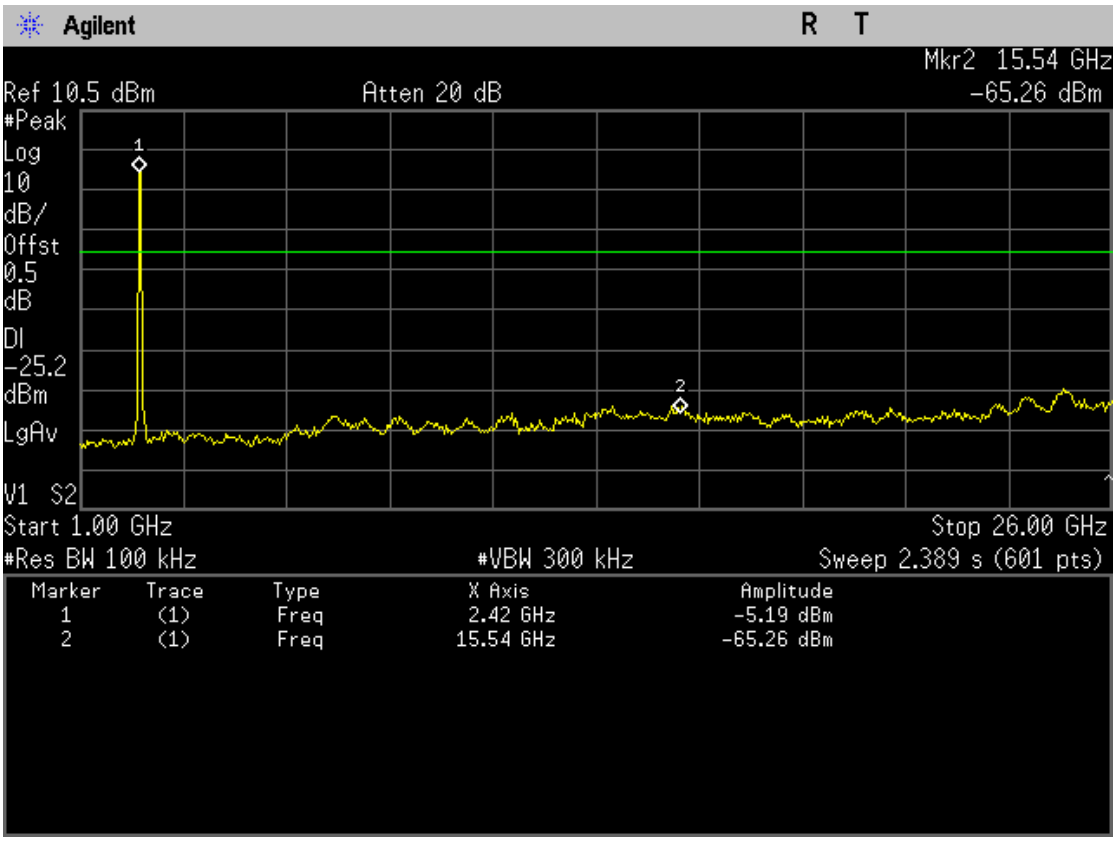
CH 1



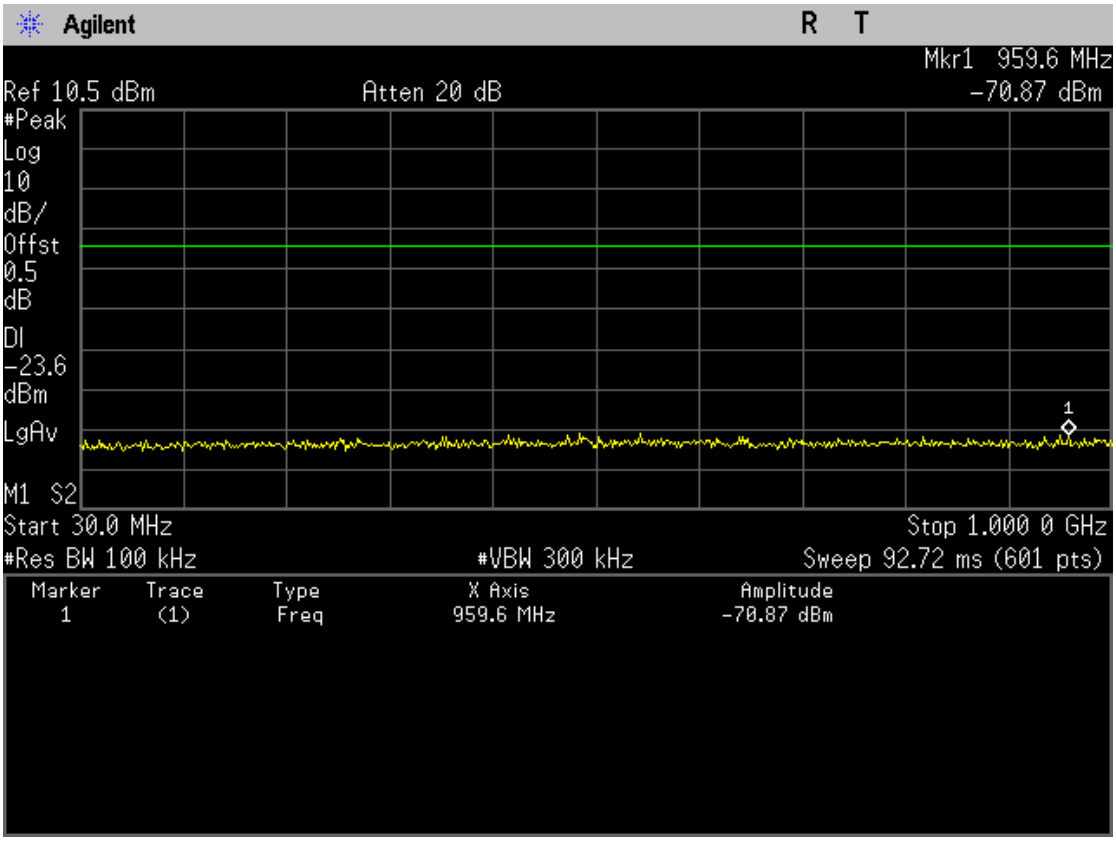


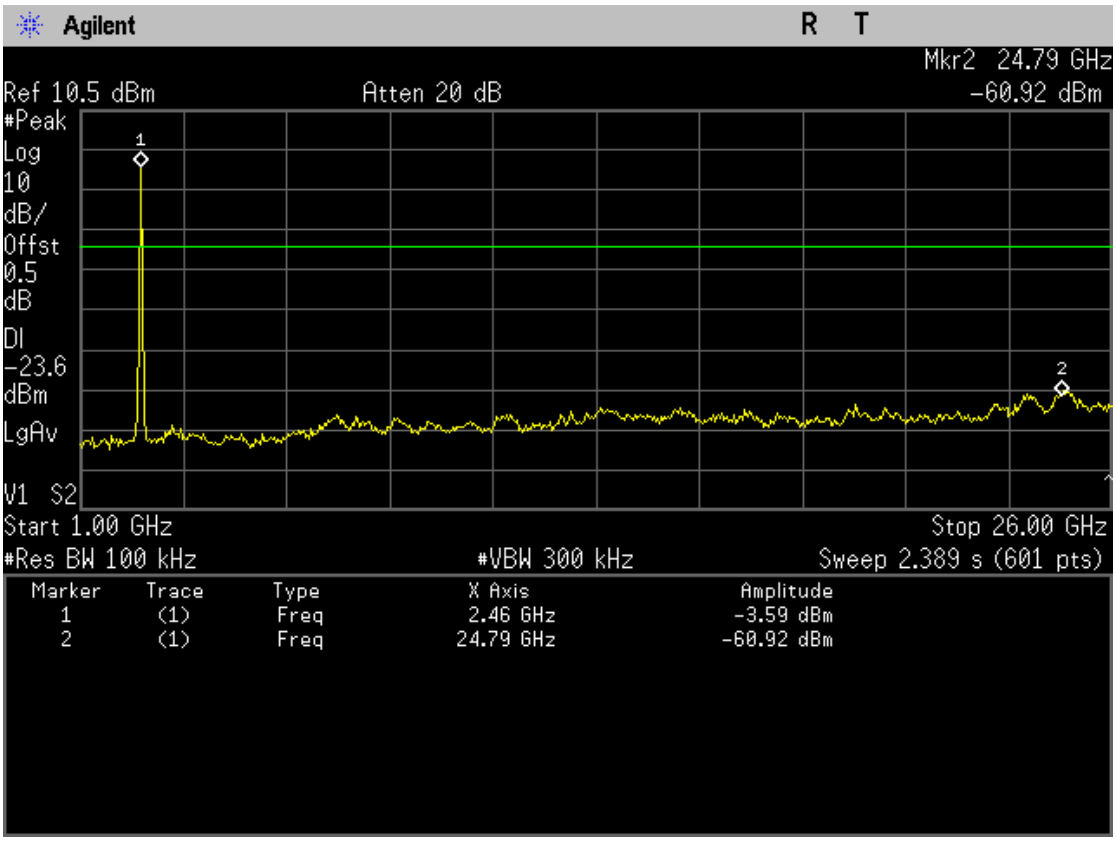
CH 6


Agilent
R T
Mkr1 959.6 MHz
Ref 10.5 dBm
Atten 20 dB
-70.58 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-25.2
dBm
LgAv
M1 S2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 959.6 MHz -70.58 dBm

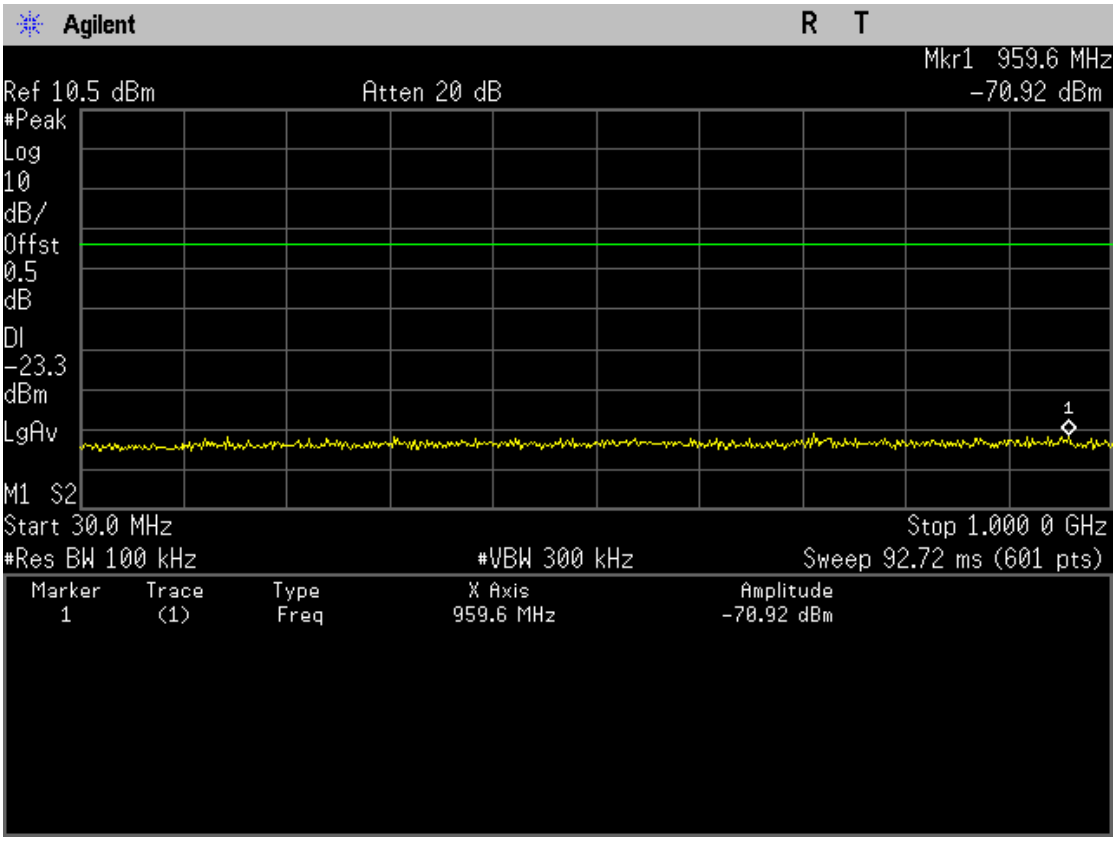

Agilent
R T
Mkr2 15.54 GHz
Ref 10.5 dBm
Atten 20 dB
-65.26 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-25.2
dBm
LgAv
V1 S2
Start 1.00 GHz
Stop 26.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.389 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.42 GHz -5.19 dBm
2 (1) Freq 15.54 GHz -65.26 dBm

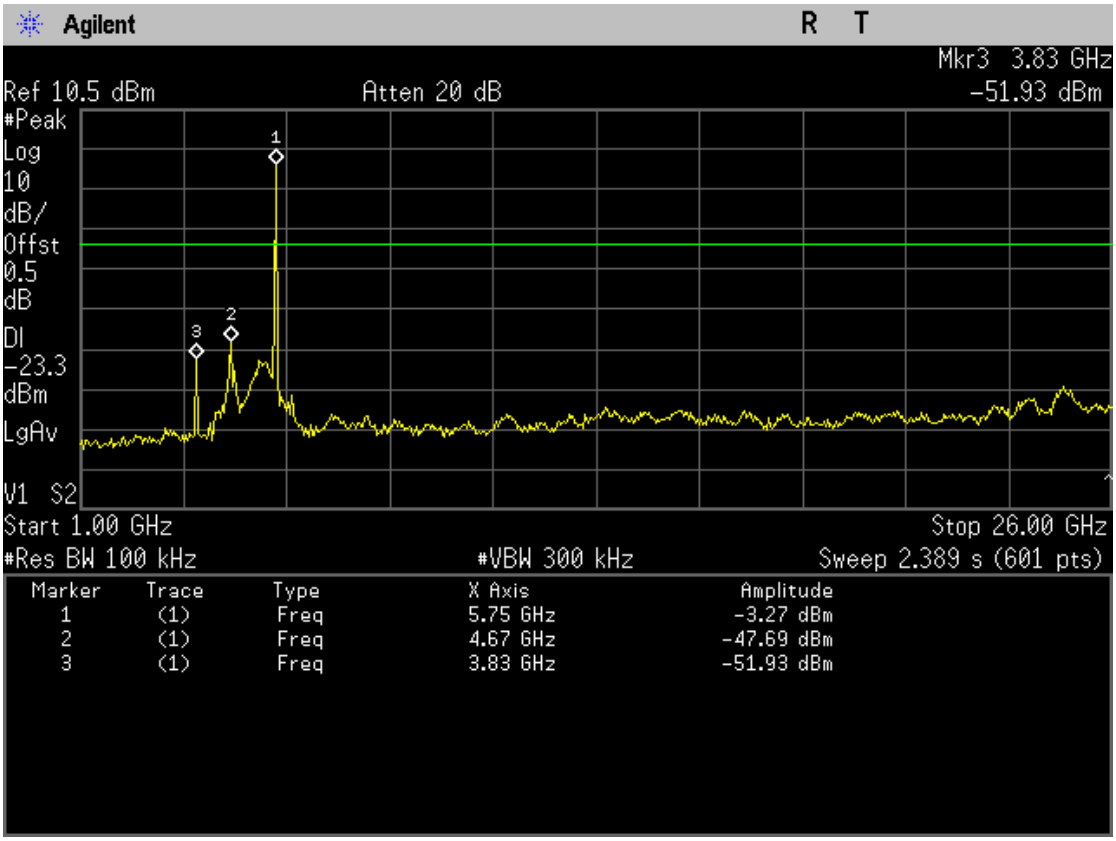
CH 11


Agilent
R T
Mkr1 959.6 MHz
Ref 10.5 dBm
Atten 20 dB
-70.87 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-23.6
dBm
LgAv
M1 S2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 959.6 MHz -70.87 dBm

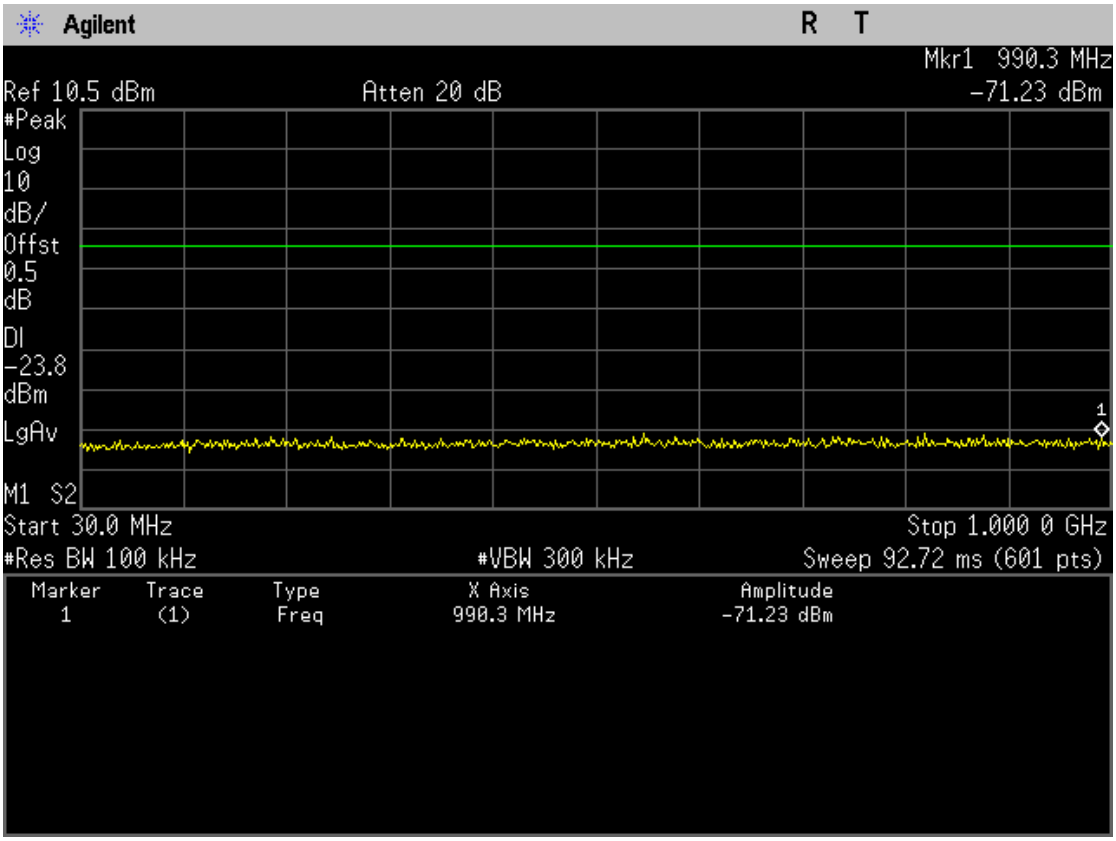

Agilent
R T
Mkr2 24.79 GHz
Ref 10.5 dBm
Atten 20 dB
-60.92 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-23.6
dBm
LgAv
V1 S2
Start 1.00 GHz
Stop 26.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.389 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.46 GHz -3.59 dBm
2 (1) Freq 24.79 GHz -60.92 dBm

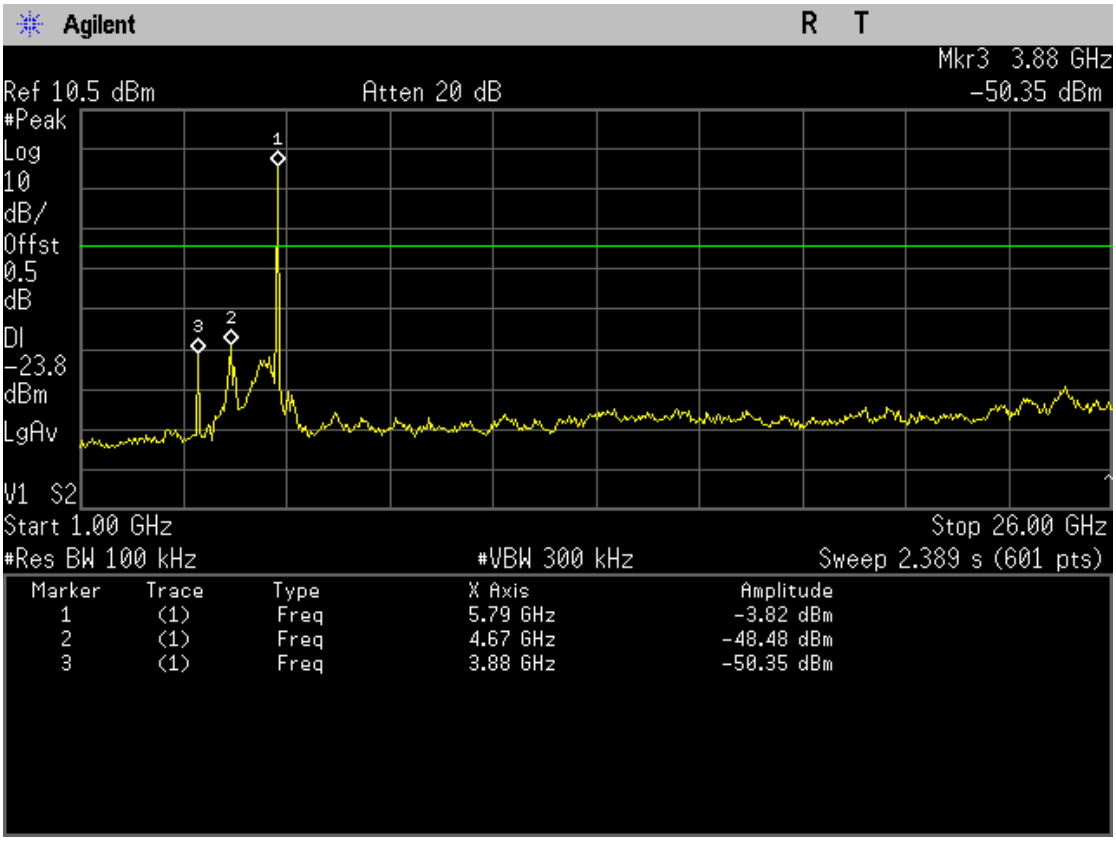
CH 149


Agilent
R T
Mkr1 959.6 MHz
Ref 10.5 dBm
Atten 20 dB
-70.92 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-23.3
dBm
LgAv
M1 S2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 959.6 MHz -70.92 dBm


Agilent
R T
Mkr3 3.83 GHz
Ref 10.5 dBm
Atten 20 dB
-51.93 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-23.3
dBm
LgAv
V1 S2
Start 1.00 GHz
Stop 26.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.389 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 5.75 GHz -3.27 dBm
2 (1) Freq 4.67 GHz -47.69 dBm
3 (1) Freq 3.83 GHz -51.93 dBm

CH 157


Agilent
R T
Mkr1 990.3 MHz
Ref 10.5 dBm
Atten 20 dB
-71.23 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-23.8
dBm
LgAv
M1 S2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 990.3 MHz -71.23 dBm


Agilent
R T
Mkr3 3.88 GHz
Ref 10.5 dBm
Atten 20 dB
-50.35 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-23.8
dBm
LgAv
V1 S2
Start 1.00 GHz
Stop 26.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.389 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 5.79 GHz -3.82 dBm
2 (1) Freq 4.67 GHz -48.48 dBm
3 (1) Freq 3.88 GHz -50.35 dBm

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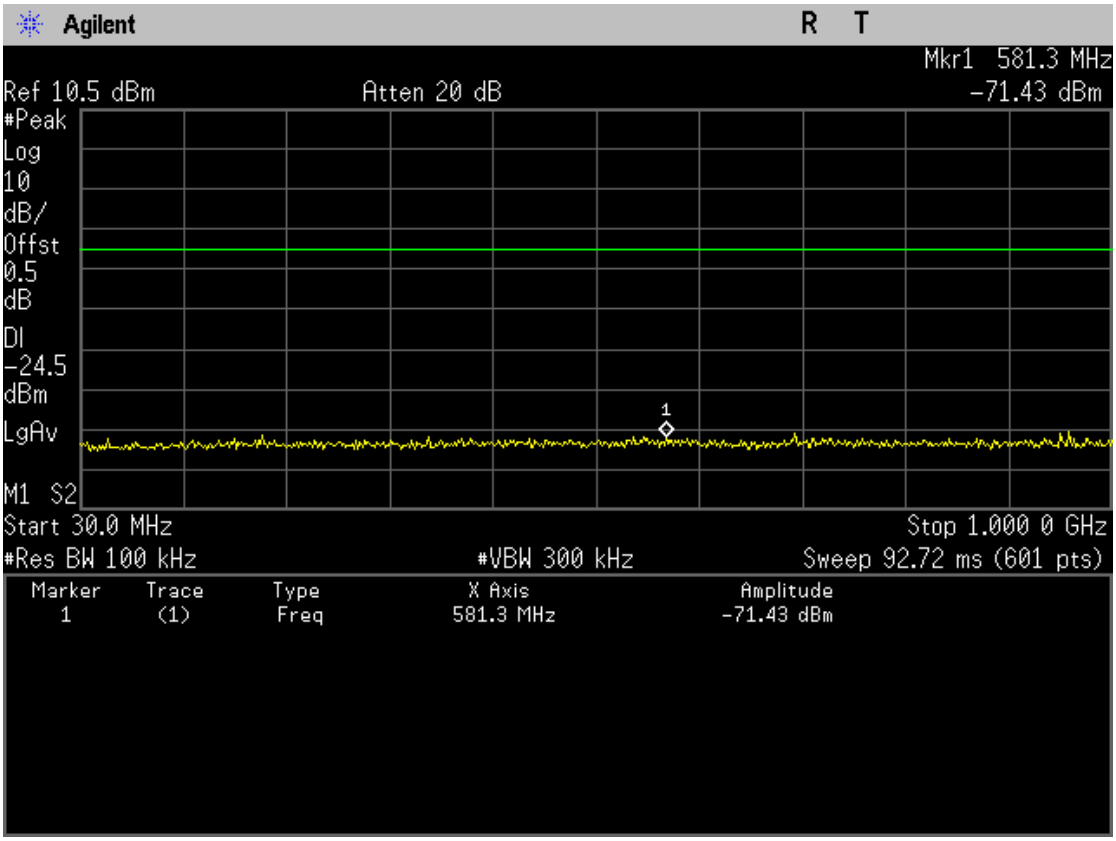
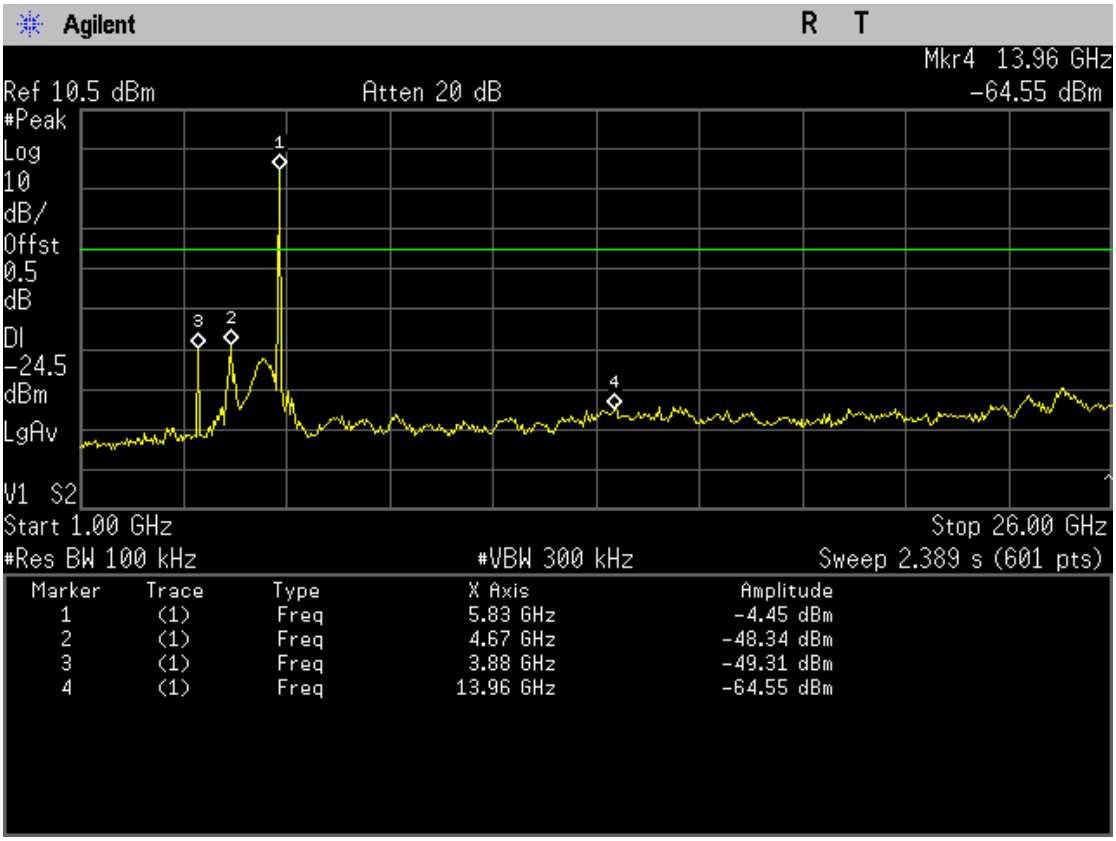

Agilent
R T
Mkr1 581.3 MHz
Ref 10.5 dBm
Atten 20 dB
-71.43 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-24.5
dBm
LgAv
M1 S2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 581.3 MHz -71.43 dBm


Agilent
R T
Mkr4 13.96 GHz
Ref 10.5 dBm
Atten 20 dB
-64.55 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-24.5
dBm
LgAv
V1 S2
Start 1.00 GHz
Stop 26.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.389 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 5.83 GHz -4.45 dBm
2 (1) Freq 4.67 GHz -48.34 dBm
3 (1) Freq 3.88 GHz -49.31 dBm
4 (1) Freq 13.96 GHz -64.55 dBm

9.4.4. For 802.11a

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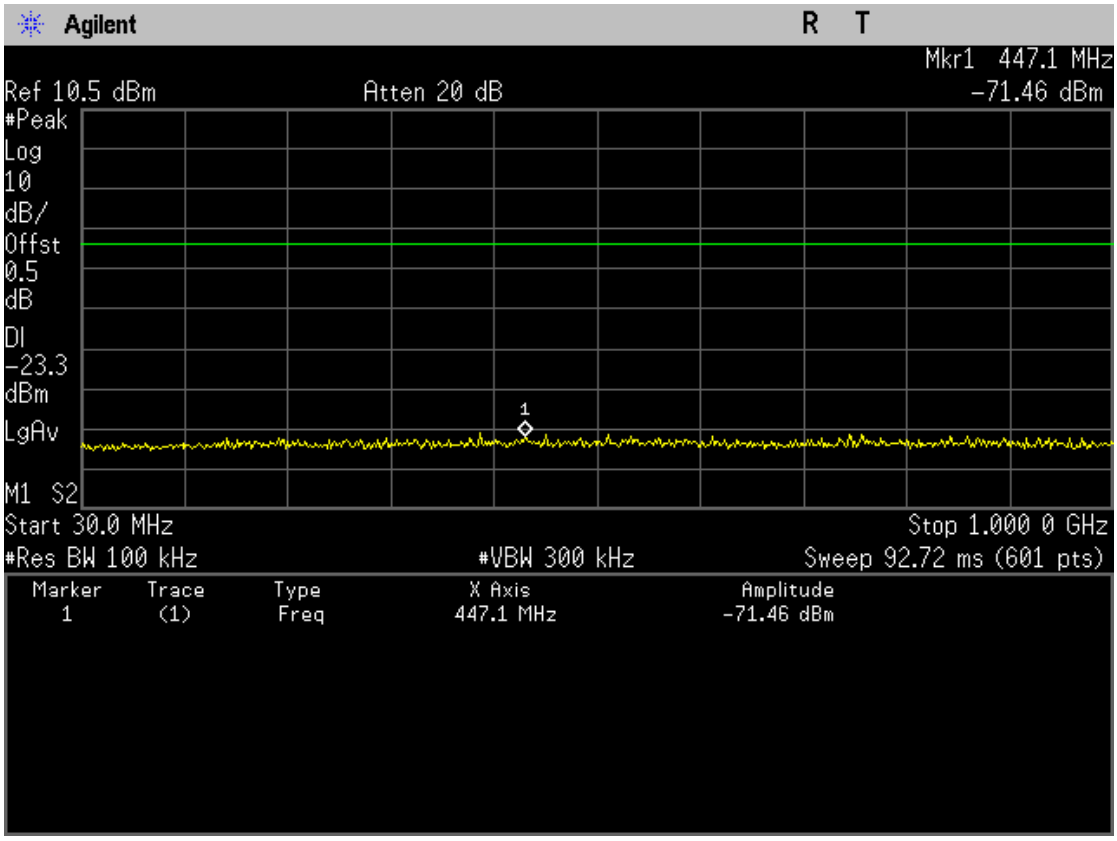

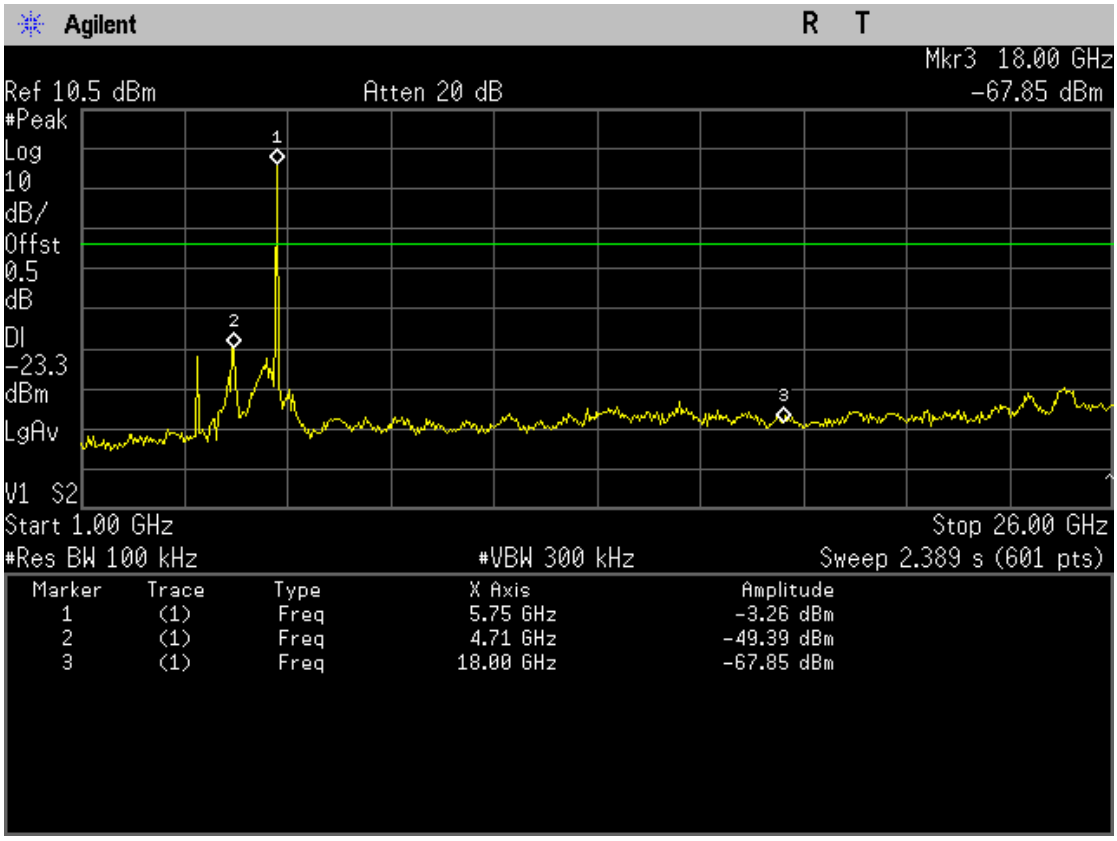

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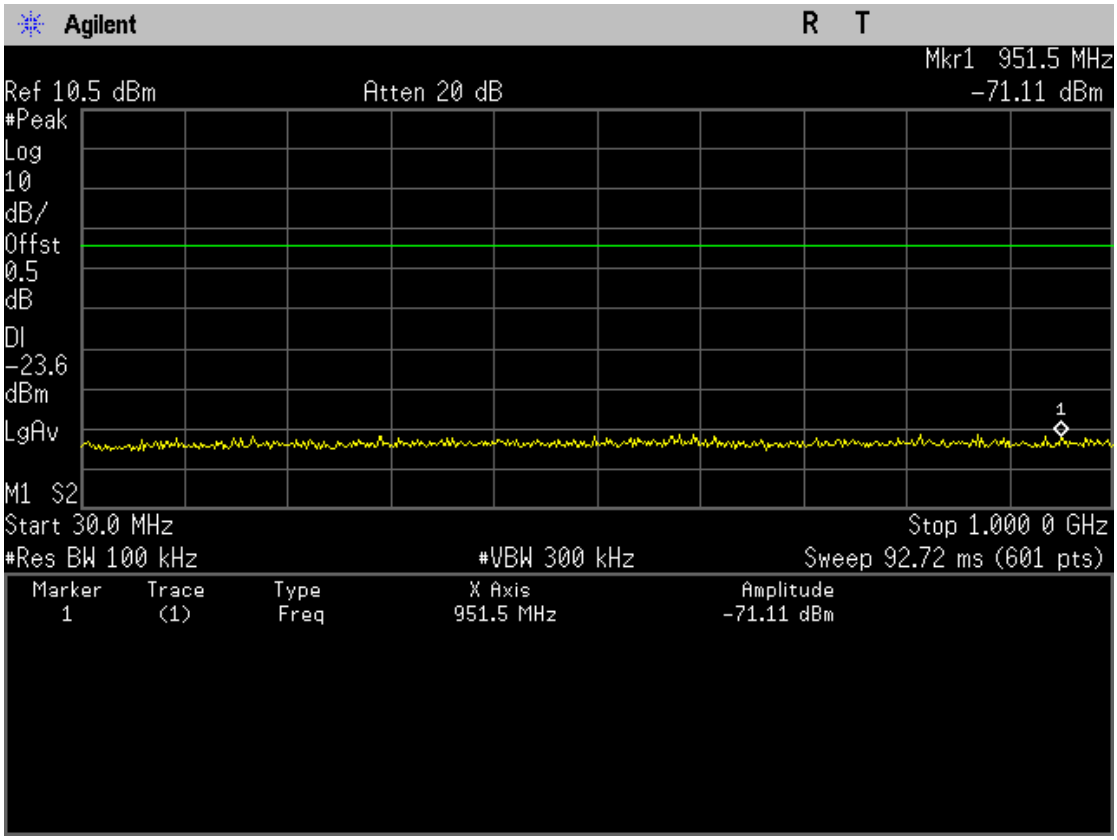
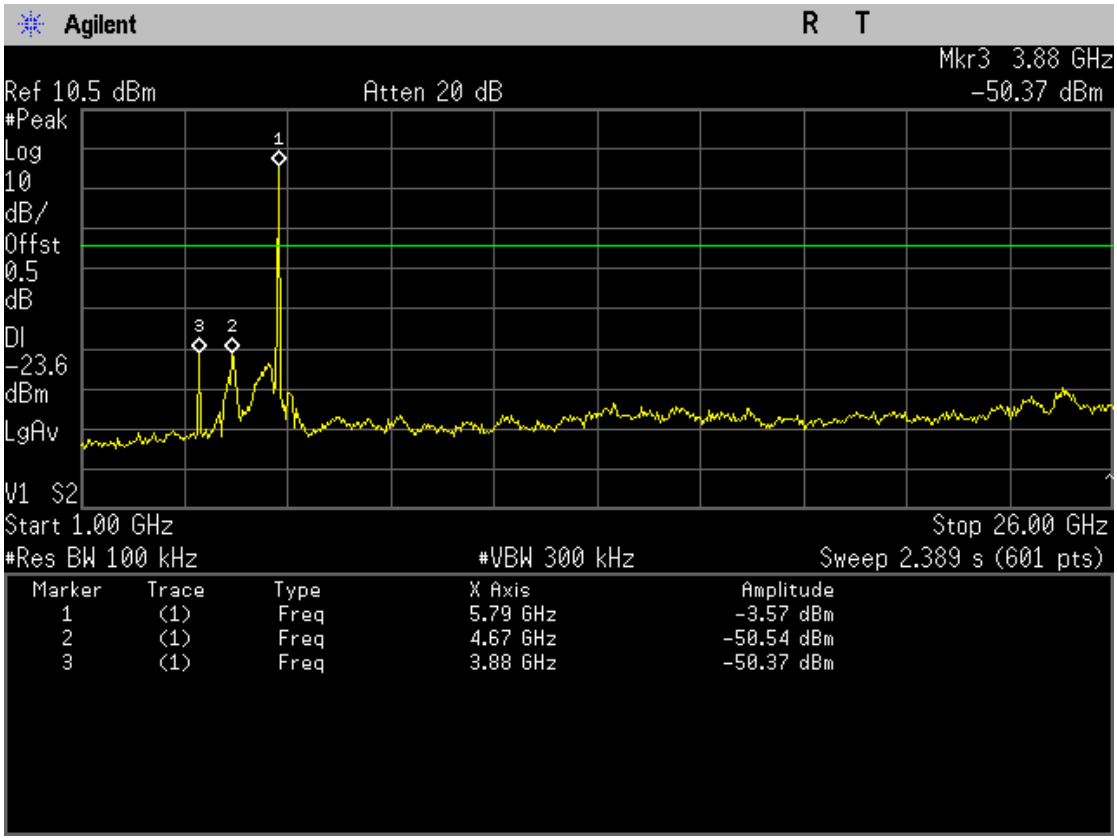

Agilent
R T
Mkr1 951.5 MHz
Ref 10.5 dBm
Atten 20 dB
-71.11 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-23.6
dBm
LgAv
M1 S2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 951.5 MHz -71.11 dBm


Agilent
R T
Mkr3 3.88 GHz
Ref 10.5 dBm
Atten 20 dB
-50.37 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-23.6
dBm
LgAv
V1 S2
Start 1.00 GHz
Stop 26.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.389 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 5.79 GHz -3.57 dBm
2 (1) Freq 4.67 GHz -50.54 dBm
3 (1) Freq 3.88 GHz -50.37 dBm

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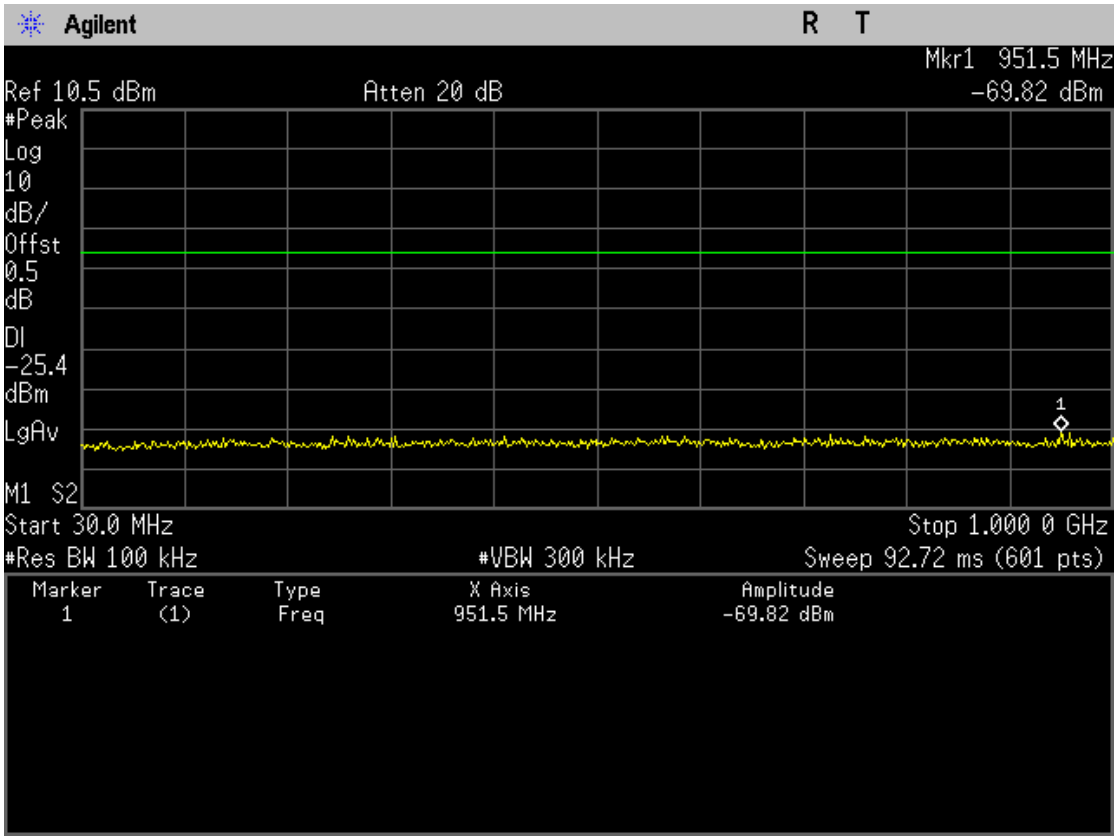
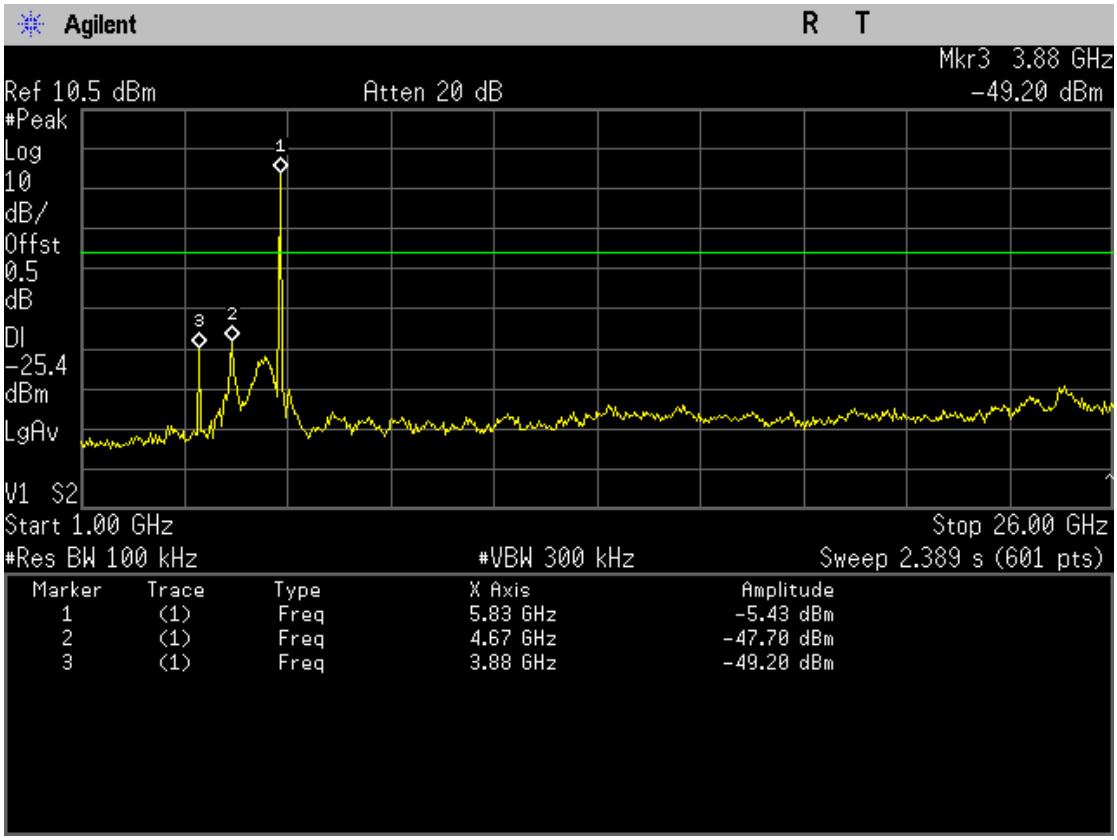

Agilent
R T
Mkr1 951.5 MHz
Ref 10.5 dBm
Atten 20 dB
-69.82 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-25.4
dBm
LgAv
M1 S2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 951.5 MHz -69.82 dBm


Agilent
R T
Mkr3 3.88 GHz
Ref 10.5 dBm
Atten 20 dB
-49.20 dBm
#Peak
Log
10
dB/
Offst
0.5
dB
Dl
-25.4
dBm
LgAv
V1 S2
Start 1.00 GHz
Stop 26.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.389 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 5.83 GHz -5.43 dBm
2 (1) Freq 4.67 GHz -47.70 dBm
3 (1) Freq 3.88 GHz -49.20 dBm

10. DEVIATION TO TEST SPECIFICATIONS

【NONE】