

APPLICATION FOR CERTIFICATION

On Behalf of

Texas Instruments Incorporated  
TI-Nspire CX Navigator Access Point

Model No. : TINAVAP3-2  
Brand : TEXAS INSTRUMENTS  
FCC ID : V7R-TINAVAP3

Prepared for

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

Prepared by

**Audix Technology (Wujiang) Co., Ltd. EMC Dept.**  
No. 1289 Jiangxing East Road, the Part of Wujiang Economic Development Zone  
Jiangsu China 215200

Tel : +86-512-63403993

Fax :+86-512-63403339

Report Number : ACWE-F1305007A

Date of Test : Apr.08~10, 2016

Date of Report : May 05, 2016

## TABLE OF CONTENTS

Description	Page
TEST REPORT CERTIFICATION .....	4
<b>1. DESCRIPTION OF VERSION.....</b>	<b>4</b>
<b>2. SUMMARY OF MEASUREMENTS AND RESULTS .....</b>	<b>5</b>
<b>3. GENERAL INFORMATION.....</b>	<b>6</b>
3.1. Description of Device (EUT).....	6
3.2. UUT's Configuration.....	6
3.3. Operating Condition of EUT .....	7
3.4. Tested Supporting System Details.....	7
3.5. Description of Test Facility .....	8
3.6. Measurement Uncertainty.....	8
<b>4. RADIATED EMISSION MEASUREMENT .....</b>	<b>9</b>
4.1. Test Equipment.....	9
4.2. Block Diagram of Test Setup.....	9
4.3. Radiated Emission Limits.....	10
4.4. Test Procedure .....	10
4.5. Measurement Results.....	11
4.6. Restricted Bands Measurement Results (For Below 1GHz).....	13
4.7. Restricted Bands Measurement Results (For Above 1GHz) .....	37
4.8. Spurious Emission Measurement Results in Band Edge Emission (FCC Part 15, 15.205).....	85
<b>5. 26 DB BANDWIDTH MEASUREMENT .....</b>	<b>101</b>
5.1. Test Equipment.....	101
5.2. Block Diagram of Test Setup.....	101
5.3. Test Procedure .....	101
5.4. Test Results.....	101
<b>6. 6 DB BANDWIDTH MEASUREMENT .....</b>	<b>105</b>
6.1. Test Equipment.....	105
6.2. Block Diagram of Test Setup.....	105
6.3. Specification Limits (§15.407(e)).....	105
6.4. Test Results.....	105
<b>7. OUTPUT POWER MEASUREMENT.....</b>	<b>109</b>
7.1. Test Equipment.....	109
7.2. Block Diagram of Test Setup.....	109
7.3. Specification Limits (§15.407(a)(1)) .....	109
7.4. Test Procedure .....	109
7.5. Test Results.....	109
<b>8. POWER SPECTRAL DENSITY MEASUREMENT .....</b>	<b>111</b>
8.1. Test Equipment.....	111
8.2. Block Diagram of Test Setup.....	111
8.3. Specification Limits (§15.407(a)-(1) (2) (3)).....	111
8.4. Test Procedure .....	111
8.5. Test Results.....	111
<b>9. OCCUPIED BANDWIDTH 99%POWER MEASUREMENT .....</b>	<b>118</b>
9.1. Test Equipment.....	118
9.2. Block Diagram of Test Setup.....	118
9.3. Test Procedure .....	118
9.4. Test Results.....	118
<b>10. FREQUENCY STABILITY MEASUREMENT .....</b>	<b>125</b>
10.1. Test Equipment.....	125
10.2. Block Diagram of Test Setup .....	125
10.3. Specification Limits .....	125
10.4. Test Results .....	125
<b>11. DEVIATION TO TEST SPECIFICATIONS .....</b>	<b>126</b>

**TEST REPORT CERTIFICATION**

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

Applicable Standards:

**FCC RULES AND REGULATIONS PART 15 SUBPART E(Section 15.407)**  
**ANSI C63.10-2013**  
**KDB 789033 D02 General UNII Test Procedures v01r01**

The device described above was tested by Audix Technology (Wujiang) Co., Ltd. EMC Dept. to determine the maximum emission levels emanating from the device. The maximum emission levels were compared to the FCC Part 15 subpart C section 15.207, 15.205, 15.209&15.407 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.08~10, 2016

Date of Report: May 05, 2016

Prepared by :



(Emma Hu/Assistant Administrator)

Reviewer :



(Danny Sun/Section Manager)

Approved & Authorized Signer :



(Ken Lu/ Assistant General Manager)

## 1. Description of Version

Edition No.	Date of Rev.	Summary	Report No.
0	May 06, 2013	Original Report.	ACWE-F1305007
Rev. A	May 05, 2016	1. Update the standard from ANSI C63.10-2009 to ANSI C63.10-2013 2. Update the standard from FCC RULES AND REGULATIONS PART 15 SUBPART E, Oct. 2012 to FCC RULES AND REGULATIONS PART 15 SUBPART E(Section 15.407)	ACWE-F1305007A

## 2. SUMMARY OF MEASUREMENTS AND RESULTS

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

Description of Test Item	Standard	Results
RADIATED EMISSION	FCC 47 CFR Part 15 Subpart C/ Section 15.209& Section 15.205 ANSI C63.10	PASS
26 dB BANDWIDTH	FCC 47 CFR Part 15 Subpart E/ Section 15.403(i) ANSI C63.10 KDB 789033 D02 General UNII Test Procedures v01r01	PASS
6 dB BANDWIDTH	FCC 47 CFR Part 15 Subpart E/ Section 15.407(e) ANSI C63.10 KDB 789033 D02 General UNII Test Procedures v01r01	PASS
OUTPUT POWER	FCC 47 CFR Part 15 Subpart E/ Section 15. 407 (a)(1)(2)(3) ANSI C63.10 KDB 789033 D02 General UNII Test Procedures v01r01	PASS
POWER SPECTRAL DENSITY	FCC 47 CFR Part 15 Subpart E/ Section 15. 407 (a)(1)(2)(3) ANSI C63.10 KDB 789033 D02 General UNII Test Procedures v01r01	PASS
OCCUPIED BANDWIDTH 99% POWER	KDB 789033 D02 General UNII Test Procedures v01r01	PASS

### 3. GENERAL INFORMATION

#### 3.1. Description of Device (EUT)

Description	:	TI-Nspire CX Navigator Access Point
Model No.	:	TINAVAP3-2
FCC ID	:	V7R-TINAVAP3
Brand	:	TEXAS INSTRUMENTS
Applicant	:	Texas Instruments Incorporated 12500 TI Boulevard Dallas, TX 75243-4136 USA
Manufacturer	:	Inventec Appliances(Pudong) Corporation No. 789 Pu Xing Road, Shanghai, PRC
Radio Technology	:	DSSS &OFDM
Antenna Gain	:	For : 5150 MHz -5250 MHz, Antenna Gain : 3.0dBi For : 5725 MHz -5825 MHz, Antenna Gain : 5.3dBi
Type of Network	:	IEEE 802.11a/ n HT20
Fundamental Range	:	5150 MHz -5825 MHz
Tested Frequency	:	5180MHz (Channel 36) 5220MHz (Channel 44) 5240MHz (Channel 48) 5745MHz (Channel 149) 5785MHz (Channel 157) 5825MHz (Channel 165)
Date of Receipt of Sample	:	Mar.24, 2016
Date of Test	:	Apr.08~10, 2016

#### 3.2. UUT's Configuration

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

### 3.3. Operating Condition of EUT

3.3.1. Set up the EUT as test setup diagram.

3.3.2. For all test measurement items, keep the EUT be powered by laptop, Drive the test software “ART2-GUI V2.3”, let the EUT operate wireless TX activity under measurement.

### 3.4. Tested Supporting System Details

#### 3.4.1. TI-nspire CX CAS (NSC)

Manufacturer : TI  
Brand : TEXAS INSTRUMENTS

#### 3.4.2. TI-nspire CX Wireless Network Adapter v2

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

#### 3.4.3. Laptop Computer

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

3.5. Description of Test Facility

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

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

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

**RF Fully Chamber**

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

3.6. Measurement Uncertainty

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

Remark: Uncertainty =  $ku_c(y)$

Test Item	Uncertainty
6 dB Bandwidth	± 0.16 MHz
Maximum Peak Output Power	± 0.12dB
Band Edges	± 0.38dB
Power Spectral Density	± 0.38dB
Emission Limitations	± 0.38dB

Remark: Uncertainty =  $ku_c(y)$



## 4. RADIATED EMISSION MEASUREMENT

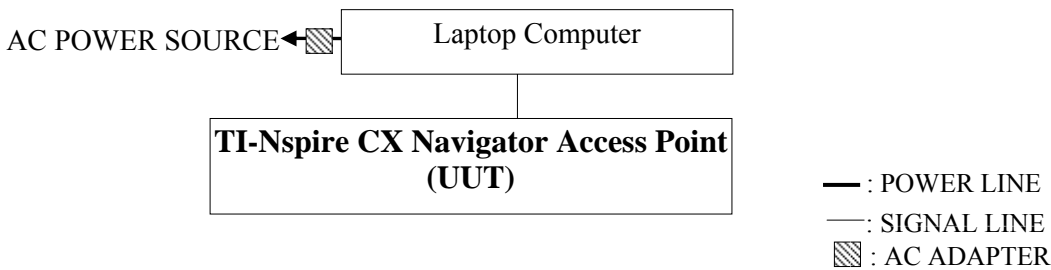
### 4.1. Test Equipment

The following test equipment was used during the radiated emission measurement:  
At 3m Semi-Anechoic Chamber

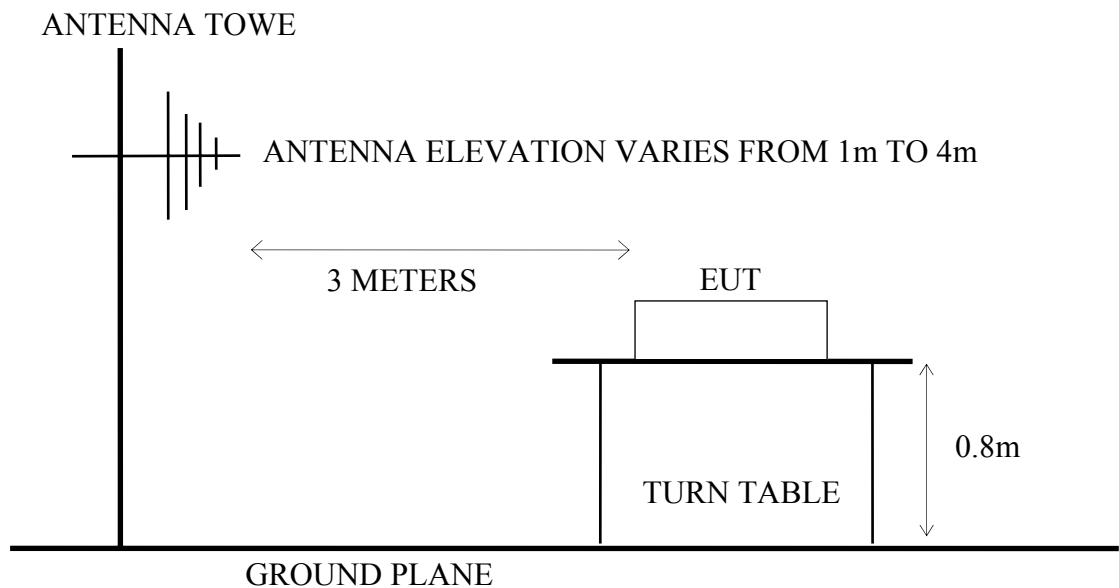
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Preamplifier	Agilent	8449B	3008A02233	2016-01-05	2017-01-04
2.	Preamplifier	Agilent	8447D	2944A10921	2015-07-03	2016-07-02
3.	PXA Signal Analyzer	Agilent	N9030A	MY53120367	2015-06-23	2016-06-22
4.	Test Receiver	R&S	ESCI	100361	2016-01-05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

### 4.2. Block Diagram of Test Setup

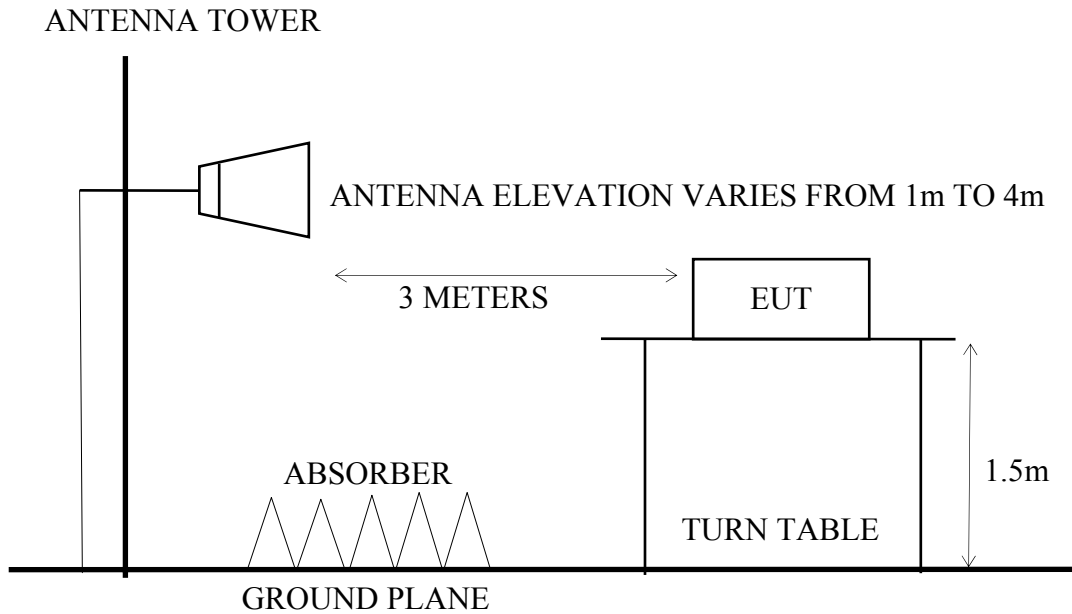
#### 4.2.1. Block Diagram of Test Setup between EUT and simulators



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



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



4.3. Radiated Emission Limits

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

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

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

4.4. Test Procedure

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

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

The bandwidth of measuring receiver (or spectrum analyzer) was set to:  
 RBW (120 kHz), VBW (300 kHz) for QP detector below 1GHz  
 RBW (1 MHz), VBW (1MHz) for Peak detector above 1GHz  
 RBW (1 MHz), VBW (10 Hz) for Average detector above 1GHz

We had checked frequency range that is 30MHz to 10<sup>th</sup> Harmonic(40GHz) and no any emission were found 18GHz to 40GHz, so the radiated emission from 18GHz to 40GHz were not record.

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

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

4.5. Measurement Results

**PASSED**

4.5.1. For Restricted Bands:

The EUT was tested in restricted bands and all the test results are listed in section 4.6.  
(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	802.11a	5180MHz (Channel 36)	# 143	# 144
2			5220MHz (Channel 44)	# 145	# 146
3			5240MHz (Channel 48)	# 147	# 148
4			5745MHz (Channel 149)	# 155	# 156
5			5785MHz (Channel 157)	# 157	# 158
6			5825MHz (Channel 165)	# 159	# 160
7		802.11n HT20	5180MHz (Channel 36)	# 149	# 150
8			5220MHz (Channel 44)	# 151	# 152
9			5240MHz (Channel 48)	# 153	# 154
10			5745MHz (Channel 149)	# 161	# 162
11			5785MHz (Channel 157)	# 163	# 164
12			5825MHz (Channel 165)	# 165	# 166

For Frequency range: Above 1GHz

No.	Test Mode and Frequency			Reference Test Data No.	
				Horizontal	Vertical
1	Transmitting	802.11a	5180MHz (Channel 36)	#77 , #78	#79 , #80
2			5220MHz (Channel 44)	#81 , #82	#83 , #84
3			5240MHz (Channel 48)	#85 , #86	#87 , #88
4			5745MHz (Channel 149)	#101 , #102	#103 , #104
5			5785MHz (Channel 157)	#105 , #106	#107 , #108
6			5825MHz (Channel 165)	#109 , #110	#111 , #112
7		802.11n HT20	5180MHz (Channel 36)	#89 , #90	#91 , #92
8			5220MHz (Channel 44)	#93 , #94	#95 , #96
9			5240MHz (Channel 48)	#97 , #98	#99 , #100
10			5745MHz (Channel 149)	#113 , #114	# 115 , #116
11			5785MHz (Channel 157)	#117 , #118	#119 , #120
12			5825MHz (Channel 165)	#121 , #122	#123 , #124

#### 4.5.2. For Band Edge Emission

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

No.	Test Mode and Frequency			Reference Test Data No.	
				Horizontal	Vertical
1.	Transmitting	802.11a	5180MHz (Channel 36)	# 25, # 27	# 26, # 28
			5240MHz (Channel 48)	# 29, # 31	#30, #32
2.		802.11n HT20	5180MHz (Channel 36)	# 33, #35	# 34, # 36
			5240MHz (Channel 48)	# 37, # 39	# 38, # 40

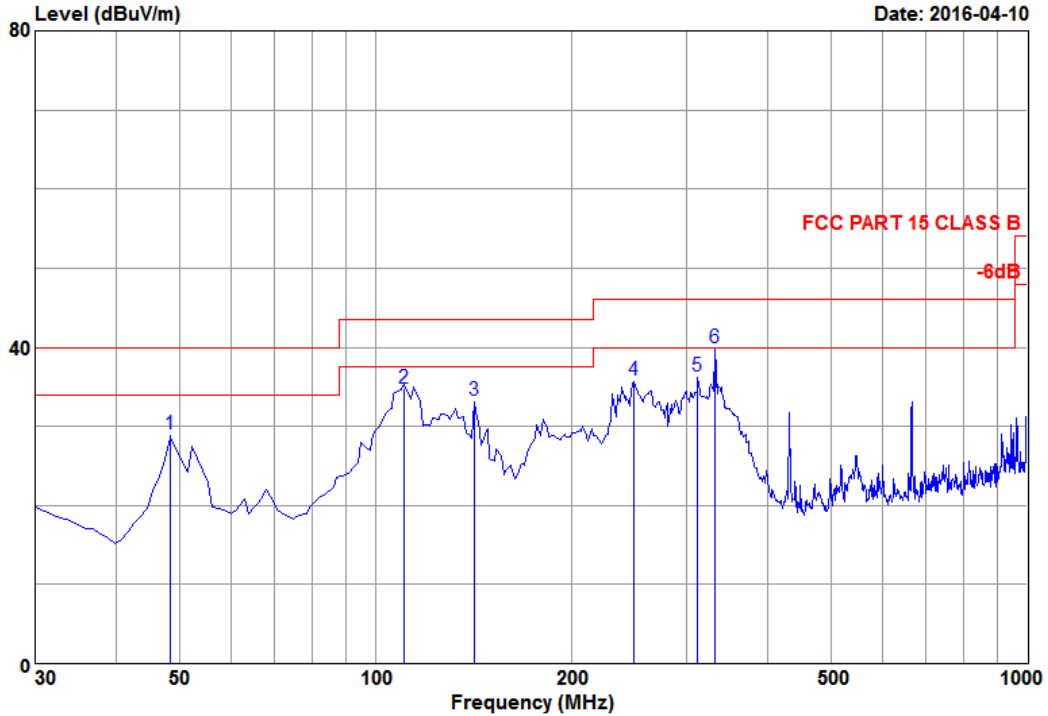
4.6. Restricted Bands Measurement Results (For Below 1GHz)

4.6.1. Type of Network : IEEE 802.11a



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

Data: 143 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166) Date: 2016-04-10



Site NO. : 3m Chamber Data NO. :143  
 Dis. / Ant. : 3m 6112D(22253)-150805 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 CLASS B  
 Env. / Ins. : 20.7\*43%/ESCI Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating : DC 5V  
 Test Mode : TX 802.11a CH36 5180MHz  
 Memo :

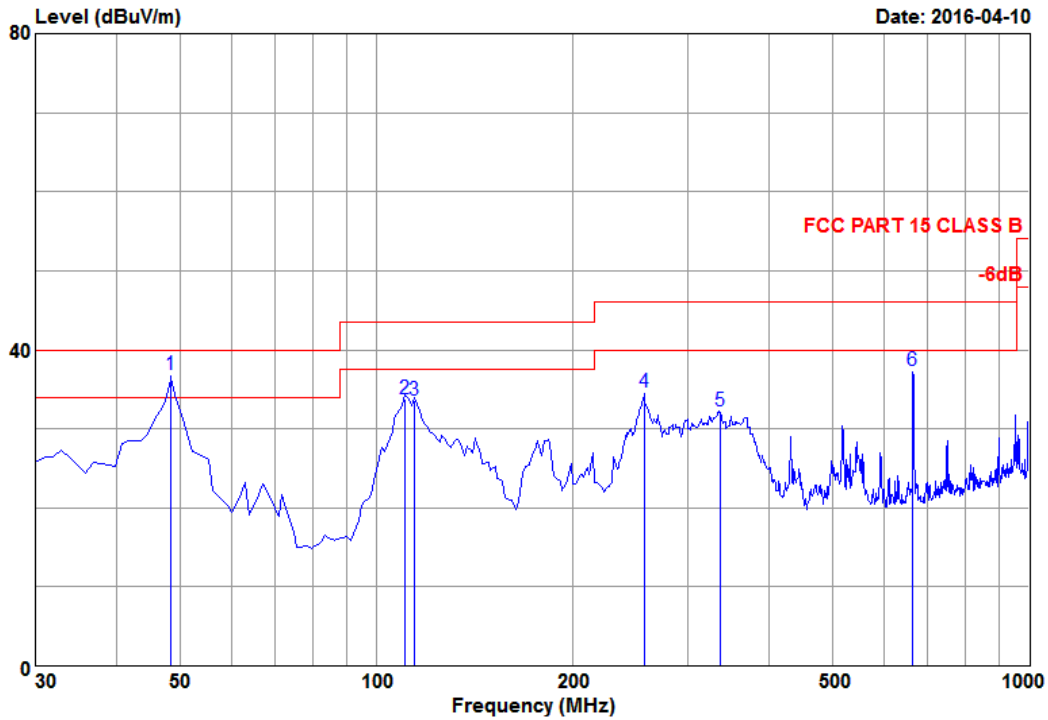
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	48.43	9.80	0.60	45.87	28.97	40.00	11.03	QP
2	110.51	12.30	0.90	48.76	34.80	43.50	8.70	QP
3	141.55	12.08	1.03	47.13	33.21	43.50	10.29	QP
4	249.22	13.11	1.42	48.01	35.84	46.00	10.16	QP
5	312.27	14.33	1.63	47.00	36.27	46.00	9.73	QP
6	331.67	14.83	1.68	50.19	39.88	46.00	6.12	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

Data: 144 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber Data NO. :144  
 Dis. / Ant. : 3m 6112D(22253)-150805 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 CLASS B  
 Env. / Ins. : 20.7\*43%/ESCI Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating : DC 5V  
 Test Mode : TX 802.11a CH36 5180MHz  
 Memo :

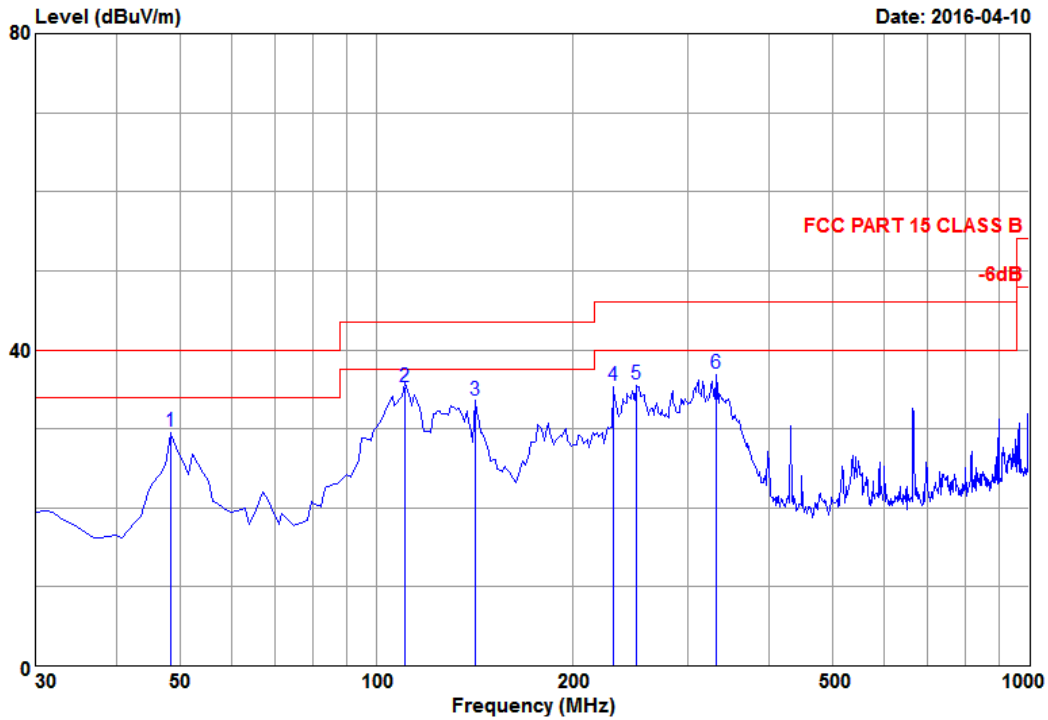
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	48.43	9.80	0.60	53.68	36.78	40.00	3.22	QP
2	110.51	12.30	0.90	47.76	33.80	43.50	9.70	QP
3	114.39	12.66	0.92	47.11	33.55	43.50	9.95	QP
4	256.98	13.76	1.45	46.14	34.66	46.00	11.34	QP
5	336.52	14.96	1.69	42.49	32.28	46.00	13.72	QP
6	664.38	19.72	2.50	43.00	37.38	46.00	8.62	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

Data: 145 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber Data NO. :145  
 Dis. / Ant. : 3m 6112D(22253)-150805 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 CLASS B  
 Env. / Ins. : 20.7\*43%/ESCI Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating : DC 5V  
 Test Mode : TX 802.11a CH44 5220MHz  
 Memo :

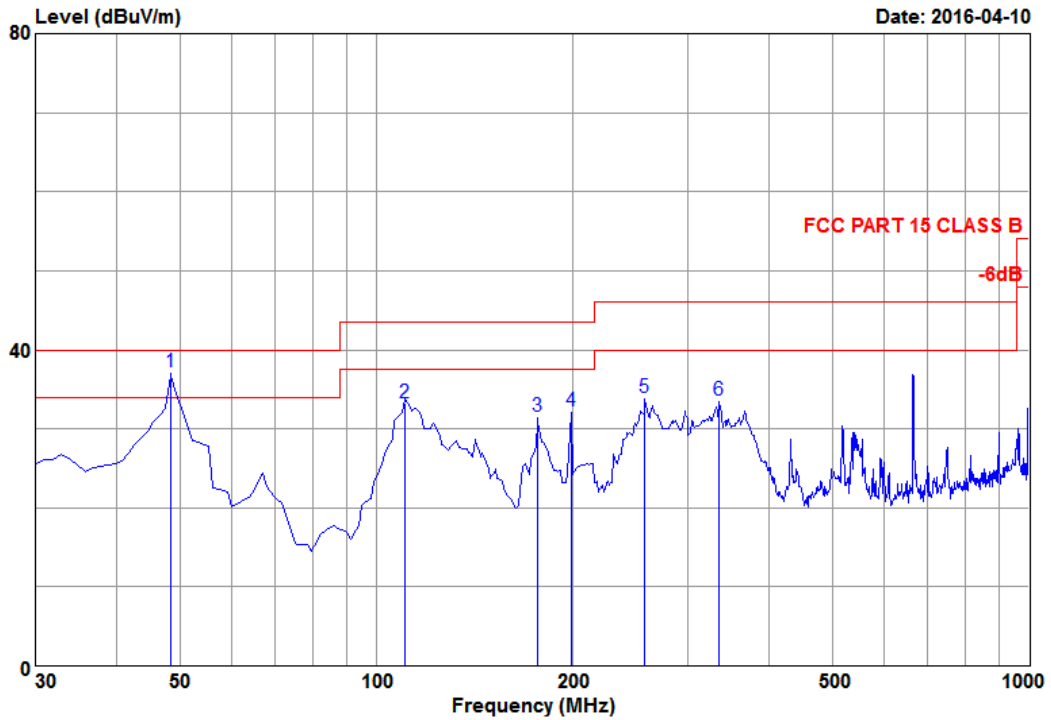
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	48.43	9.80	0.60	46.60	29.70	40.00	10.30	QP
2	110.51	12.30	0.90	49.19	35.23	43.50	8.27	QP
3	141.55	12.08	1.03	47.56	33.64	43.50	9.86	QP
4	230.79	11.62	1.36	49.22	35.46	46.00	10.54	QP
5	250.19	13.19	1.43	47.69	35.61	46.00	10.39	QP
6	331.67	14.83	1.68	47.29	36.98	46.00	9.02	QP

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



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

Data: 146 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber Data NO. :146  
 Dis. / Ant. : 3m 6112D(22253)-150805 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 CLASS B  
 Env. / Ins. : 20.7\*43%/ESCI Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating : DC 5V  
 Test Mode : TX 802.11a CH44 5220MHz  
 Memo :

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	48.43	9.80	0.60	54.06	37.16	40.00	2.84	QP
2	110.51	12.30	0.90	47.18	33.22	43.50	10.28	QP
3	176.47	9.93	1.17	47.34	31.55	43.50	11.95	QP
4	198.78	10.18	1.26	47.63	32.27	43.50	11.23	QP
5	257.95	13.84	1.45	45.33	33.94	46.00	12.06	QP
6	335.55	14.93	1.69	43.79	33.56	46.00	12.44	QP

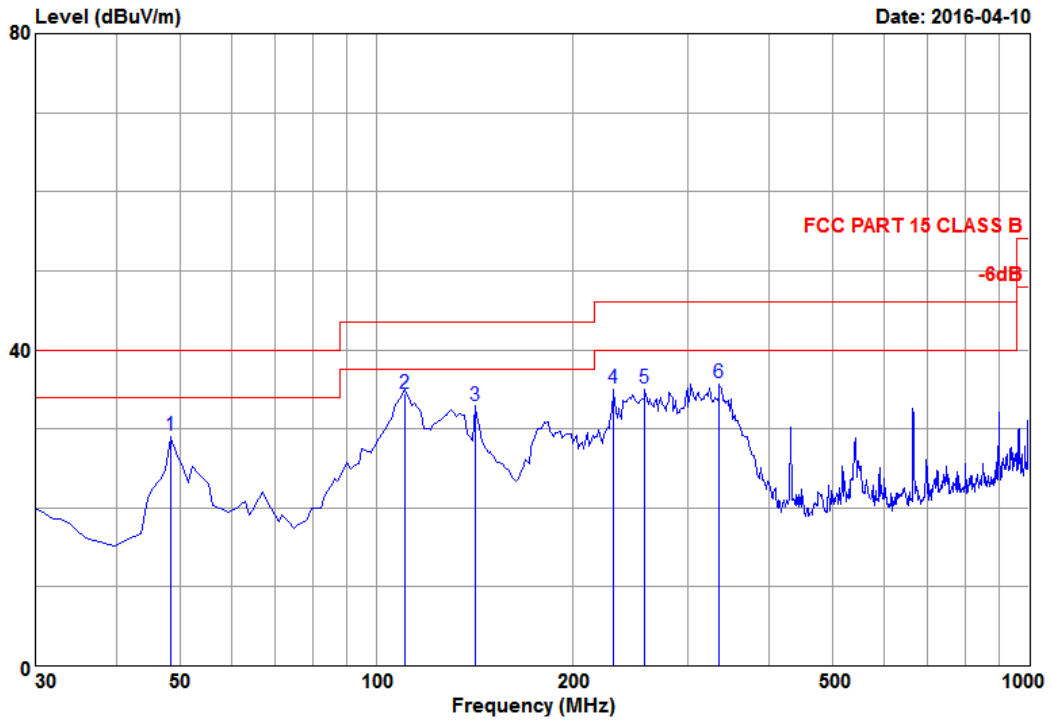
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.





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

Data: 147 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber Data NO. :147  
 Dis. / Ant. : 3m 6112D(22253)-150805 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 CLASS B  
 Env. / Ins. : 20.7\*43%/ESCI Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating : DC 5V  
 Test Mode : TX 802.11a CH48 5240MHz  
 Memo :

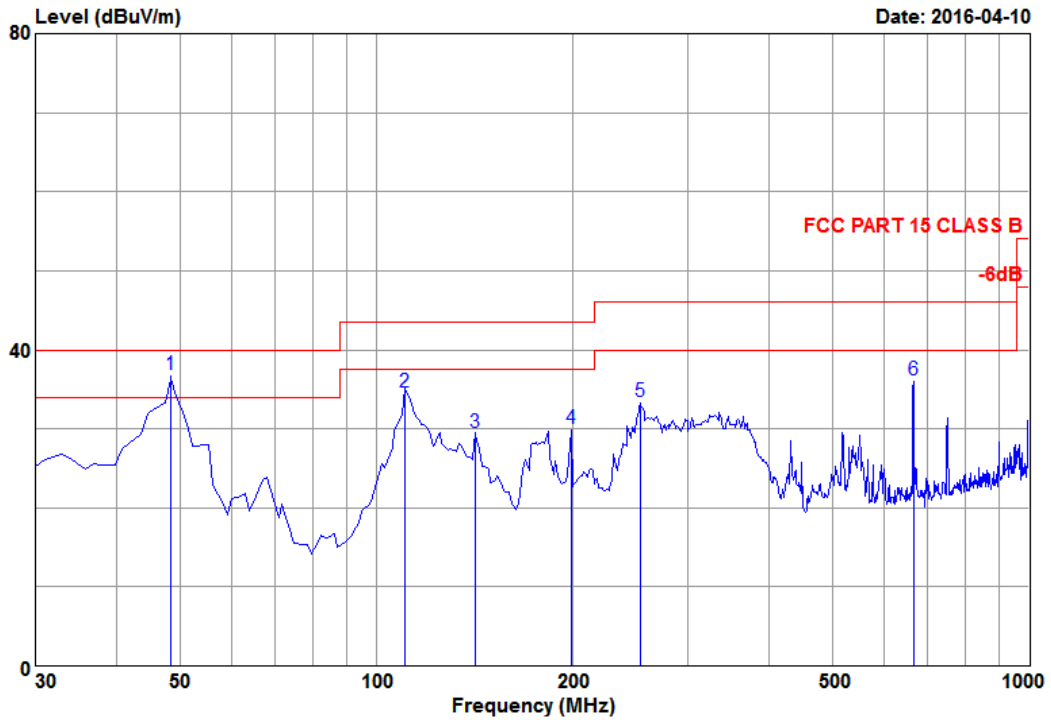
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	48.43	9.80	0.60	46.02	29.12	40.00	10.88	QP
2	110.51	12.30	0.90	48.41	34.45	43.50	9.05	QP
3	141.55	12.08	1.03	46.81	32.89	43.50	10.61	QP
4	230.79	11.62	1.36	48.86	35.10	46.00	10.90	QP
5	257.95	13.84	1.45	46.60	35.21	46.00	10.79	QP
6	335.55	14.93	1.69	45.99	35.76	46.00	10.24	QP

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



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

Data: 148 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber Data NO. :148  
 Dis. / Ant. : 3m 6112D(22253)-150805 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 CLASS B  
 Env. / Ins. : 20.7\*43%/ESCI Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating : DC 5V  
 Test Mode : TX 802.11a CH48 5240MHz  
 Memo :

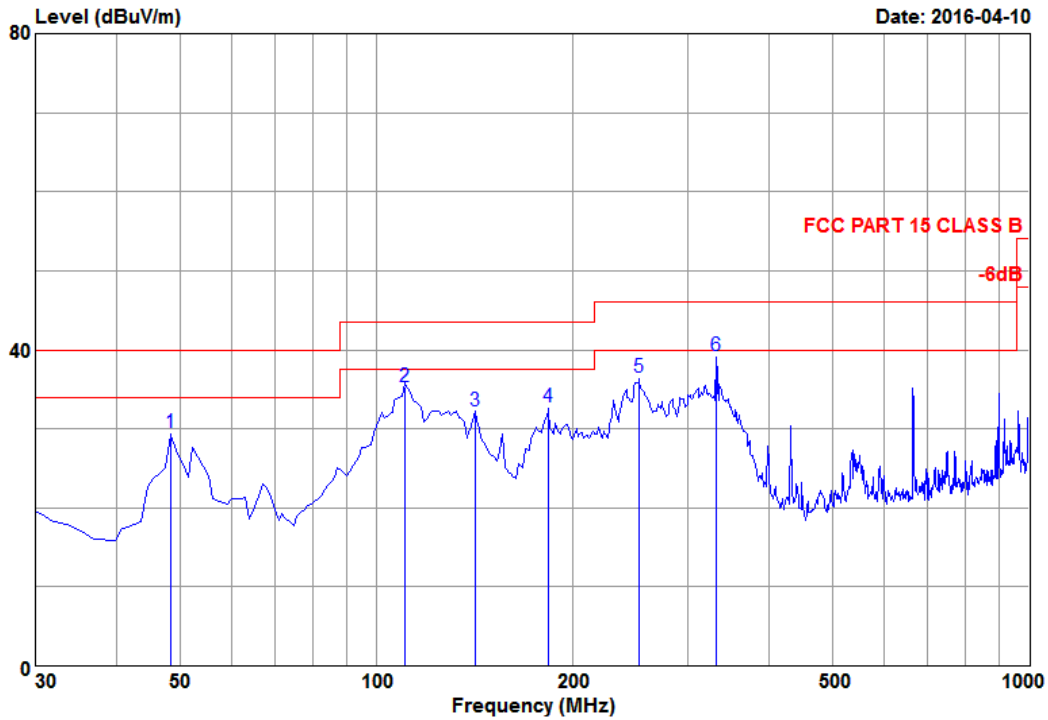
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	48.43	9.80	0.60	53.68	36.78	40.00	3.22	QP
2	110.51	12.30	0.90	48.56	34.60	43.50	8.90	QP
3	141.55	12.08	1.03	43.44	29.52	43.50	13.98	QP
4	198.78	10.18	1.26	45.35	29.99	43.50	13.51	QP
5	254.07	13.51	1.44	45.22	33.48	46.00	12.52	QP
6	665.35	19.73	2.51	41.72	36.13	46.00	9.87	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

Data: 155 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber Data NO. :155  
 Dis. / Ant. : 3m 6112D(22253)-150805 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 CLASS B  
 Env. / Ins. : 20.7\*43%/ESCI Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating : DC 5V  
 Test Mode : TX 802.11a CH149 5745MHz  
 Memo :

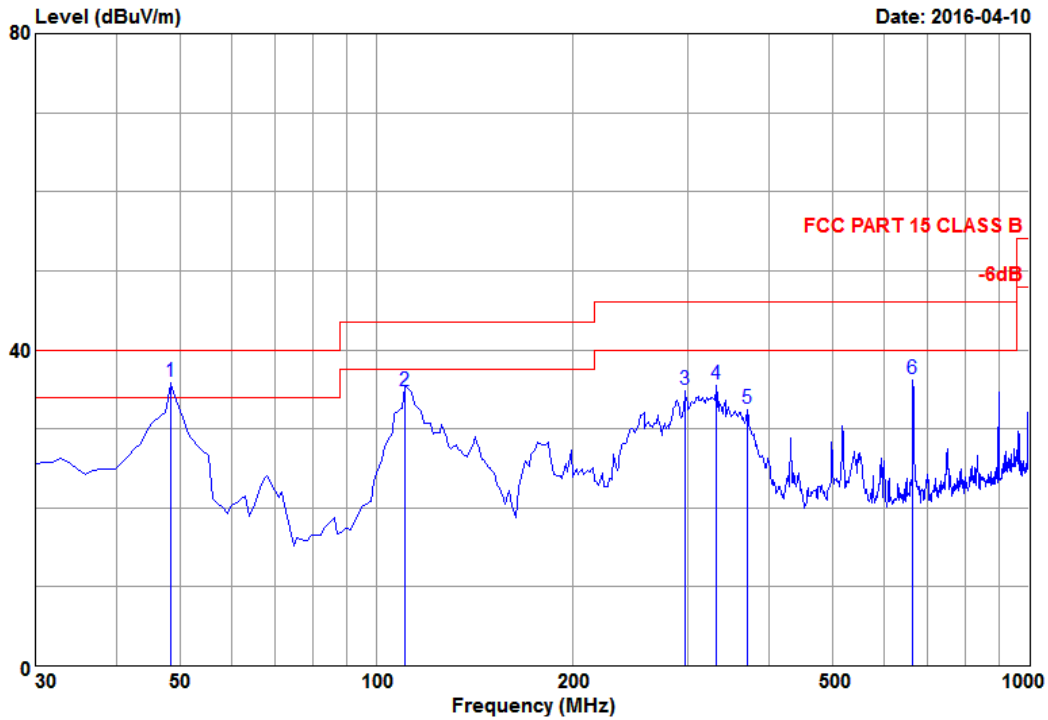
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	48.43	9.80	0.60	46.37	29.47	40.00	10.53	QP
2	110.51	12.30	0.90	49.28	35.32	43.50	8.18	QP
3	141.55	12.08	1.03	46.18	32.26	43.50	11.24	QP
4	183.26	9.77	1.19	48.75	32.84	43.50	10.66	QP
5	253.10	13.43	1.44	48.37	36.55	46.00	9.45	QP
6	331.67	14.83	1.68	49.60	39.29	46.00	6.71	QP

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



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

Data: 156 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber Data NO. :156  
 Dis. / Ant. : 3m 6112D(22253)-150805 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 CLASS B  
 Env. / Ins. : 20.7\*43%/ESCI Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating : DC 5V  
 Test Mode : TX 802.11a CH149 5745MHz  
 Memo :

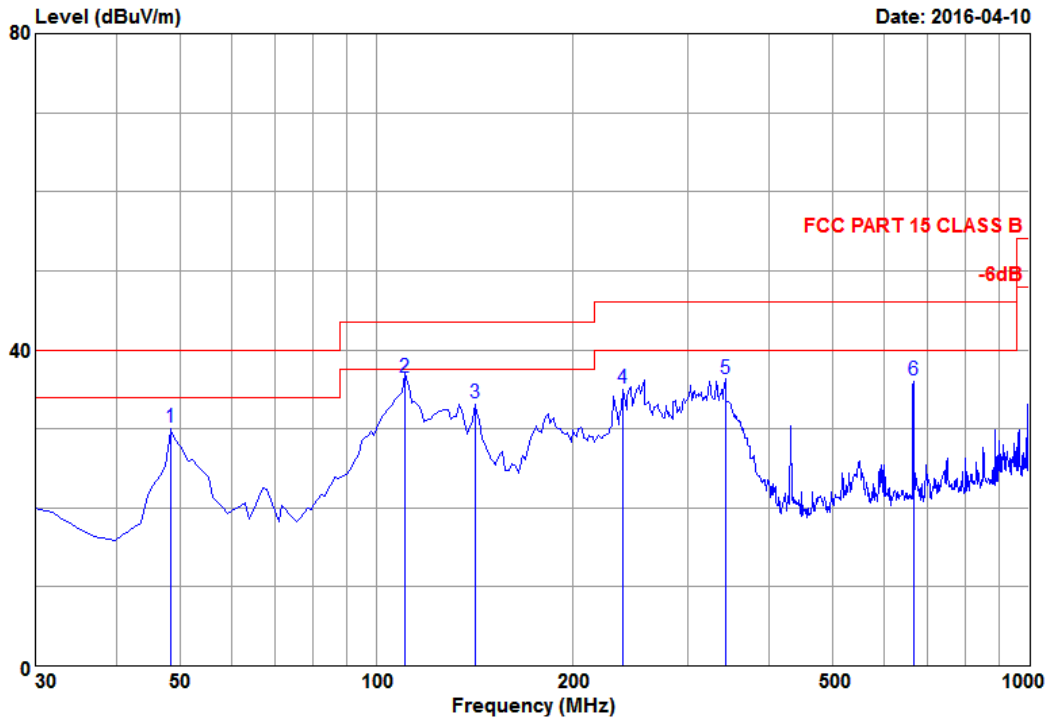
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	48.43	9.80	0.60	52.92	36.02	40.00	3.98	QP
2	110.51	12.30	0.90	48.76	34.80	43.50	8.70	QP
3	296.75	13.94	1.58	46.09	35.00	46.00	11.00	QP
4	331.67	14.83	1.68	45.96	35.65	46.00	10.35	QP
5	370.47	15.84	1.79	42.02	32.56	46.00	13.44	QP
6	664.38	19.72	2.50	41.95	36.33	46.00	9.67	QP

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



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

Data: 157 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber Data NO. :157  
 Dis. / Ant. : 3m 6112D(22253)-150805 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 CLASS B  
 Env. / Ins. : 20.7\*43%/ESCI Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating : DC 5V  
 Test Mode : TX 802.11a CH157 5785MHz  
 Memo :

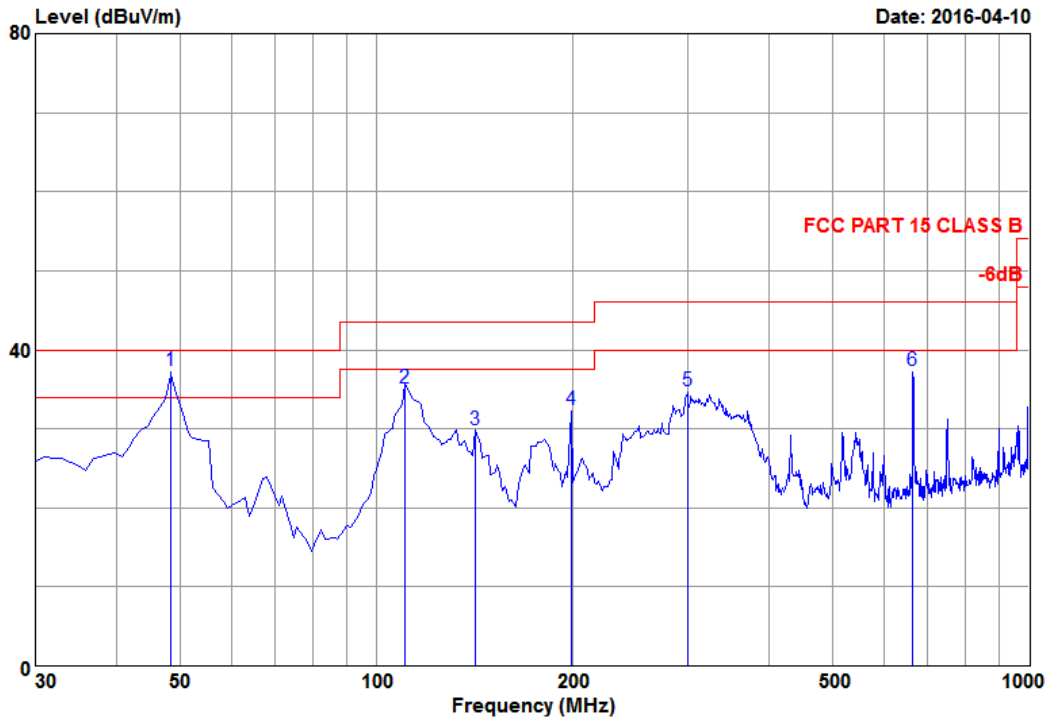
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	48.43	9.80	0.60	47.09	30.19	40.00	9.81	QP
2	110.51	12.30	0.90	50.51	36.55	43.50	6.95	QP
3	141.55	12.08	1.03	47.12	33.20	43.50	10.30	QP
4	238.55	12.23	1.39	48.17	35.07	46.00	10.93	QP
5	342.34	15.11	1.71	46.44	36.36	46.00	9.64	QP
6	665.35	19.73	2.51	41.74	36.15	46.00	9.85	QP

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



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

Data: 158 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber Data NO. :158  
 Dis. / Ant. : 3m 6112D(22253)-150805 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 CLASS B  
 Env. / Ins. : 20.7\*43%/ESCI Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating : DC 5V  
 Test Mode : TX 802.11a CH157 5785MHz  
 Memo :

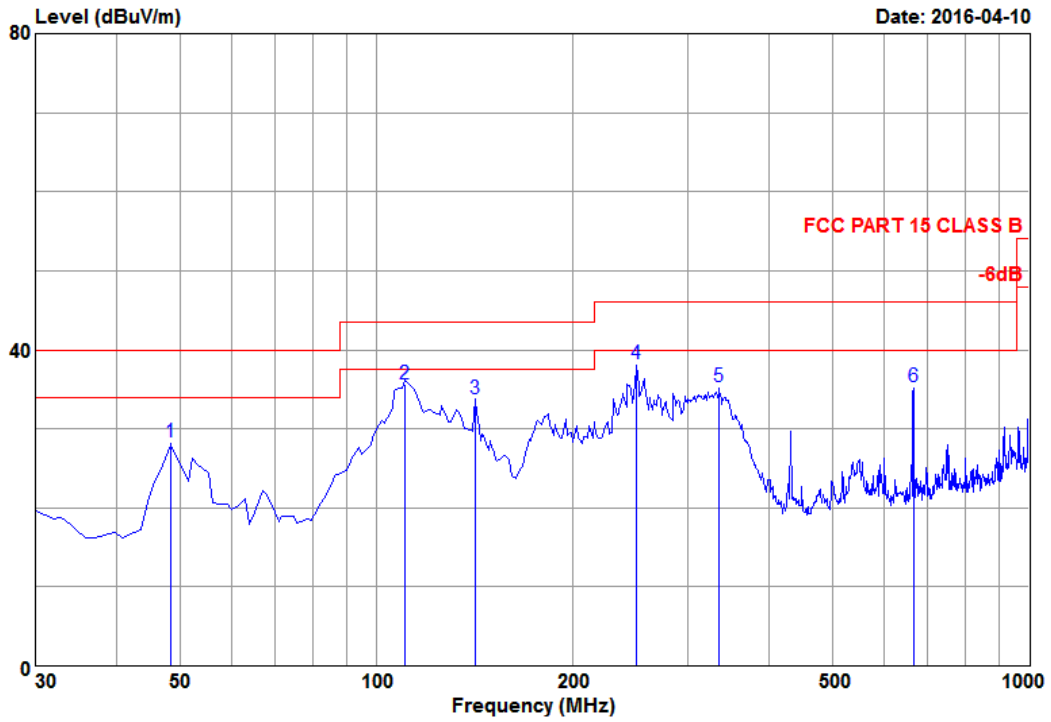
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	48.43	9.80	0.60	54.24	37.34	40.00	2.66	QP
2	110.51	12.30	0.90	49.13	35.17	43.50	8.33	QP
3	141.55	12.08	1.03	43.80	29.88	43.50	13.62	QP
4	198.78	10.18	1.26	47.70	32.34	43.50	11.16	QP
5	299.66	14.00	1.59	45.83	34.82	46.00	11.18	QP
6	664.38	19.72	2.50	42.95	37.33	46.00	8.67	QP

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



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

Data: 159 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber  
 Dis. / Ant. : 3m 6112D(22253)-150805  
 Limit : FCC PART 15 CLASS B  
 Env. / Ins. : 20.7\*43%/ESCI  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating : DC 5V  
 Test Mode : TX 802.11a CH165 5825MHz  
 Memo :  
 Data NO. :159  
 Ant. pol. : HORIZONTAL  
 Engineer : Mickey

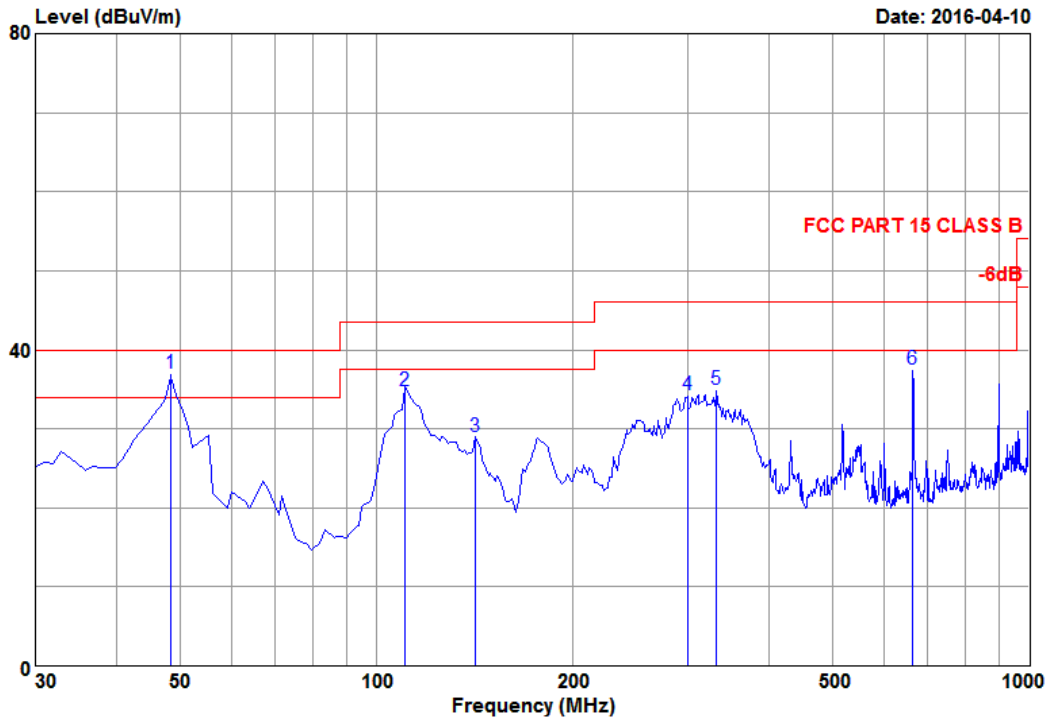
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	48.43	9.80	0.60	45.18	28.28	40.00	11.72	QP
2	110.51	12.30	0.90	49.56	35.60	43.50	7.90	QP
3	141.55	12.08	1.03	47.71	33.79	43.50	9.71	QP
4	250.19	13.19	1.43	50.37	38.29	46.00	7.71	QP
5	335.55	14.93	1.69	45.51	35.28	46.00	10.72	QP
6	665.35	19.73	2.51	40.90	35.31	46.00	10.69	QP

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



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

Data: 160 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber Data NO. :160  
 Dis. / Ant. : 3m 6112D(22253)-150805 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 CLASS B  
 Env. / Ins. : 20.7\*43%/ESCI Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating : DC 5V  
 Test Mode : TX 802.11a CH165 5825MHz  
 Memo :

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	48.43	9.80	0.60	53.92	37.02	40.00	2.98	QP
2	110.51	12.30	0.90	48.69	34.73	43.50	8.77	QP
3	141.55	12.08	1.03	42.86	28.94	43.50	14.56	QP
4	299.66	14.00	1.59	45.31	34.30	46.00	11.70	QP
5	331.67	14.83	1.68	45.26	34.95	46.00	11.05	QP
6	664.38	19.72	2.50	43.19	37.57	46.00	8.43	QP

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

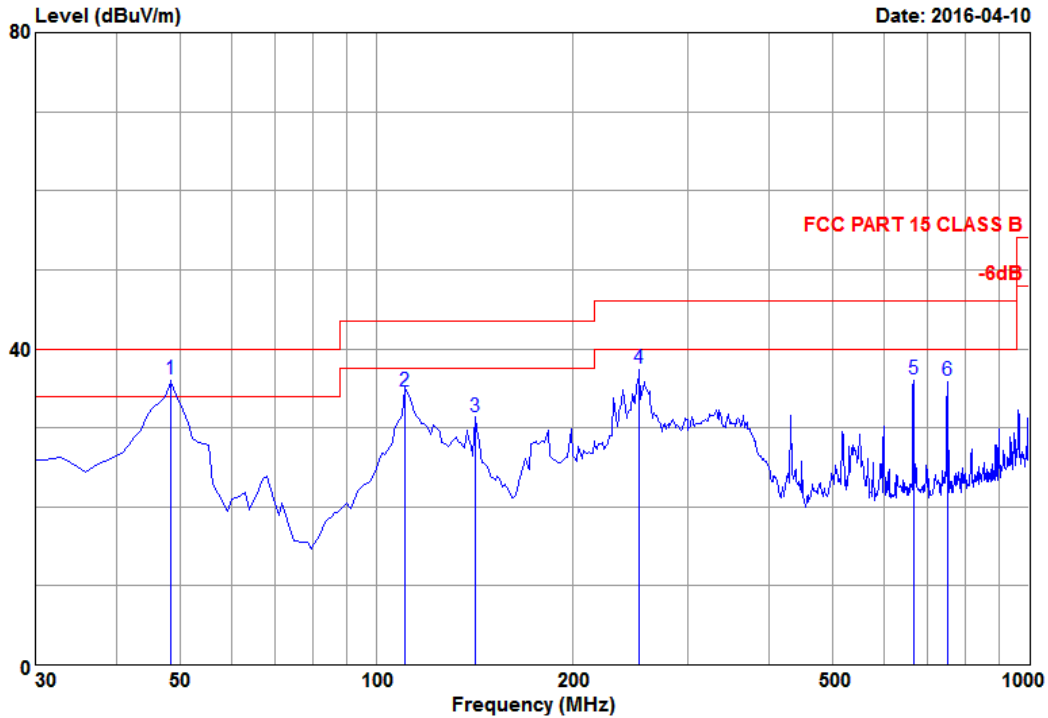


4.6.2. Type of Network : IEEE 802.11n HT20



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

Data: 149 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166) Date: 2016-04-10



Site NO. : 3m Chamber Data NO. :149  
 Dis. / Ant. : 3m 6112D(22253)-150805 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 CLASS B  
 Env. / Ins. : 20.7\*43%/ESCI Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating : DC 5V  
 Test Mode : TX 802.11nHT20 CH36 5180MHz  
 Memo :

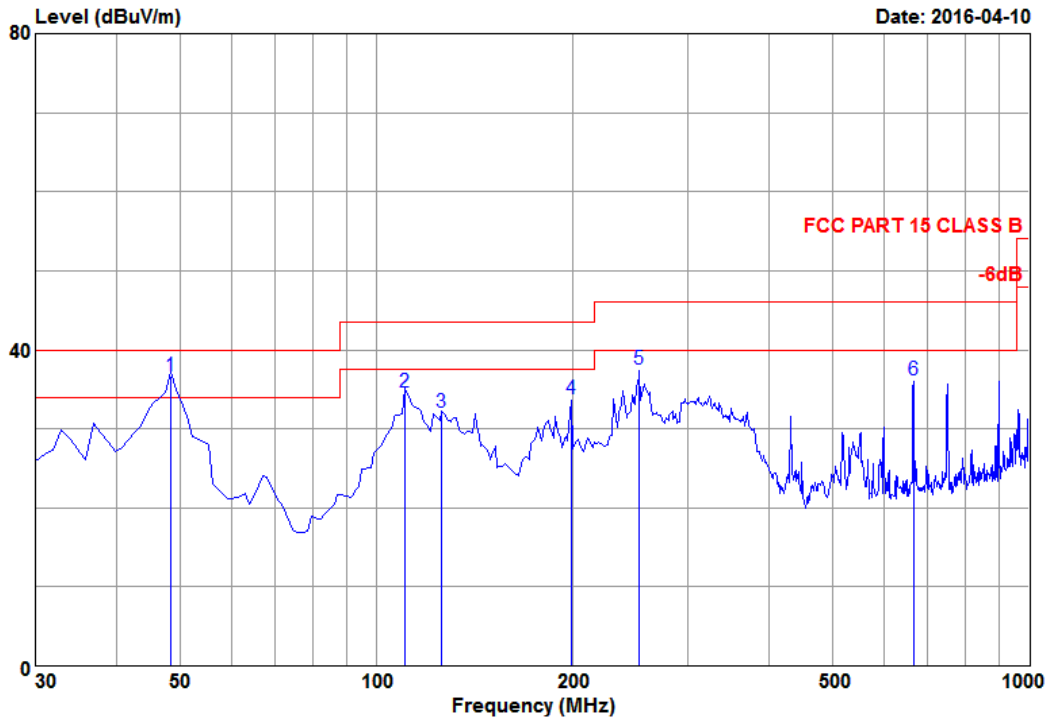
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	48.43	9.80	0.60	53.14	36.24	40.00	3.76	QP
2	110.51	12.30	0.90	48.56	34.60	43.50	8.90	QP
3	141.55	12.08	1.03	45.33	31.41	43.50	12.09	QP
4	253.10	13.43	1.44	49.35	37.53	46.00	8.47	QP
5	665.35	19.73	2.51	41.70	36.11	46.00	9.89	QP
6	749.74	20.35	2.70	40.72	35.97	46.00	10.03	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.  
 No.1289,Jiang Xing East Road,The Eastern Part of Wu Jiang  
 Economic Development Zone,JiangSu,China  
 Tel:(0512) 63403993 Fax:(0512) 63403993

Data: 150 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber Data NO. :150  
 Dis. / Ant. : 3m 6112D(22253)-150805 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 CLASS B  
 Env. / Ins. : 20.7\*43%/ESCI Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating : DC 5V  
 Test Mode : TX 802.11nHT20 CH36 5180MHz  
 Memo :

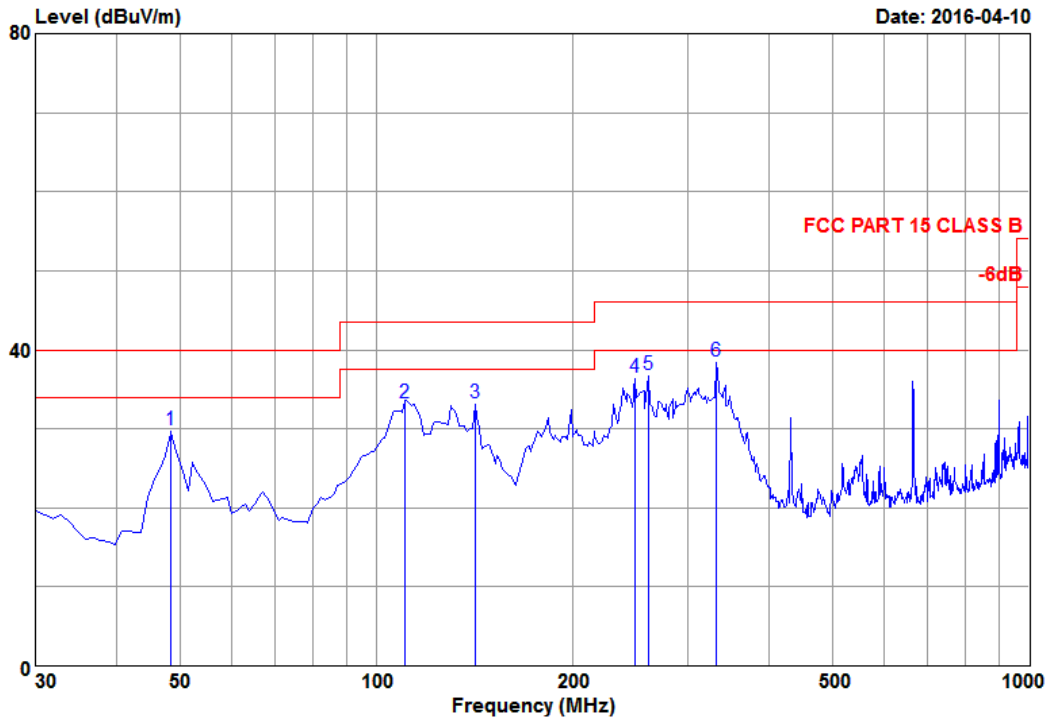
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	48.43	9.80	0.60	53.52	36.62	40.00	3.38	QP
2	110.51	12.30	0.90	48.62	34.66	43.50	8.84	QP
3	126.03	12.90	0.96	45.23	31.99	43.50	11.51	QP
4	198.78	10.18	1.26	49.15	33.79	43.50	9.71	QP
5	253.10	13.43	1.44	49.33	37.51	46.00	8.49	QP
6	665.35	19.73	2.51	41.72	36.13	46.00	9.87	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

Data: 151 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber  
 Dis. / Ant. : 3m 6112D(22253)-150805  
 Limit : FCC PART 15 CLASS B  
 Env. / Ins. : 20.7\*43%/ESCI  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating : DC 5V  
 Test Mode : TX 802.11nHT20 CH44 5220MHz  
 Memo :  
 Data NO. :151  
 Ant. pol. : HORIZONTAL  
 Engineer : Mickey

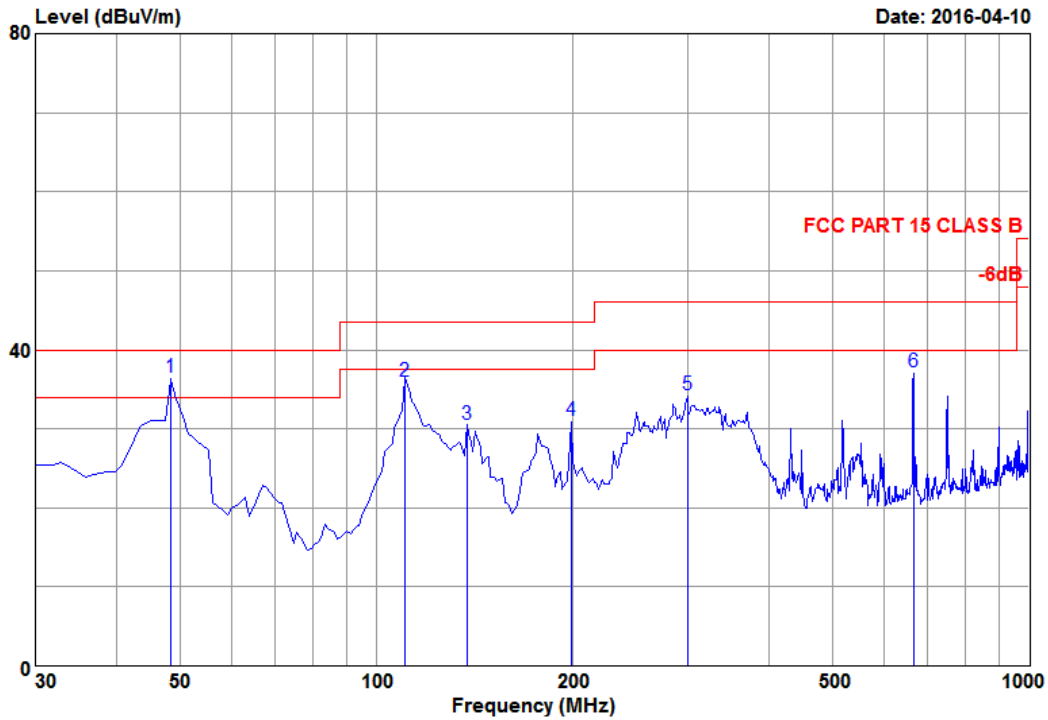
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	48.43	9.80	0.60	46.75	29.85	40.00	10.15	QP
2	110.51	12.30	0.90	47.14	33.18	43.50	10.32	QP
3	141.55	12.08	1.03	47.14	33.22	43.50	10.28	QP
4	249.22	13.11	1.42	48.68	36.51	46.00	9.49	QP
5	260.86	13.98	1.46	48.07	36.83	46.00	9.17	QP
6	331.67	14.83	1.68	48.89	38.58	46.00	7.42	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

Data: 152 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber Data NO. :152  
 Dis. / Ant. : 3m 6112D(22253)-150805 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 CLASS B  
 Env. / Ins. : 20.7\*43%/ESCI Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating : DC 5V  
 Test Mode : TX 802.11nHT20 CH44 5220MHz  
 Memo :

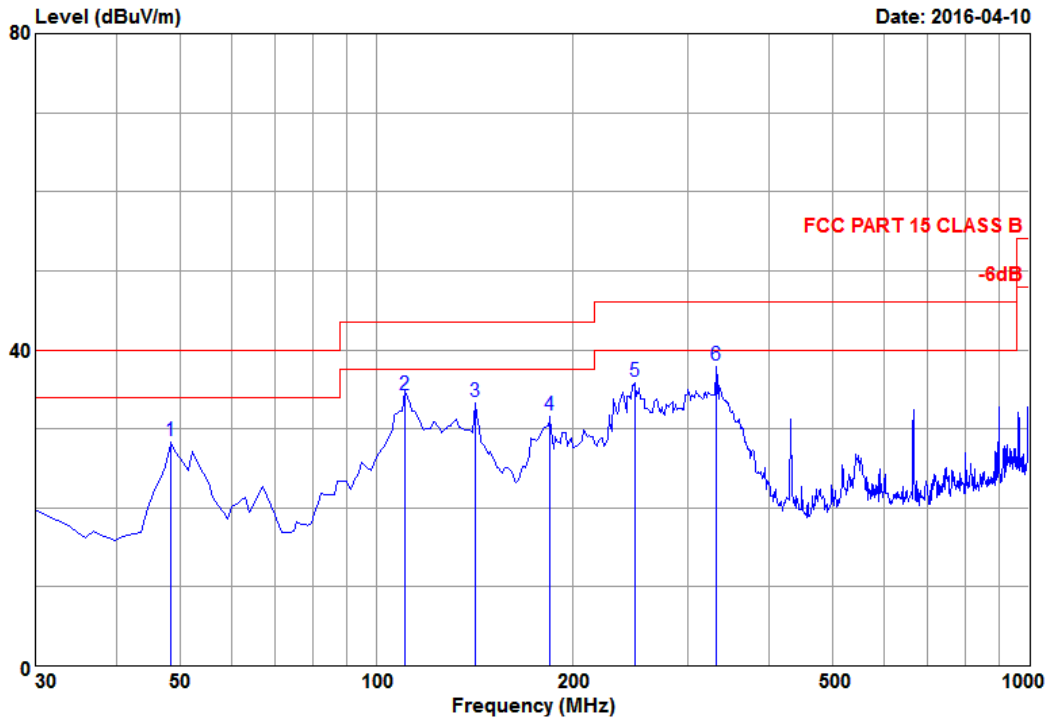
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	48.43	9.80	0.60	53.49	36.59	40.00	3.41	QP
2	110.51	12.30	0.90	49.94	35.98	43.50	7.52	QP
3	137.67	12.30	1.01	44.30	30.56	43.50	12.94	QP
4	198.78	10.18	1.26	46.40	31.04	43.50	12.46	QP
5	299.66	14.00	1.59	45.23	34.22	46.00	11.78	QP
6	665.35	19.73	2.51	42.82	37.23	46.00	8.77	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

Data: 153 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber Data NO. :153  
 Dis. / Ant. : 3m 6112D(22253)-150805 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 CLASS B  
 Env. / Ins. : 20.7\*43%/ESCI Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating : DC 5V  
 Test Mode : TX 802.11nHT20 CH48 5240MHz  
 Memo :

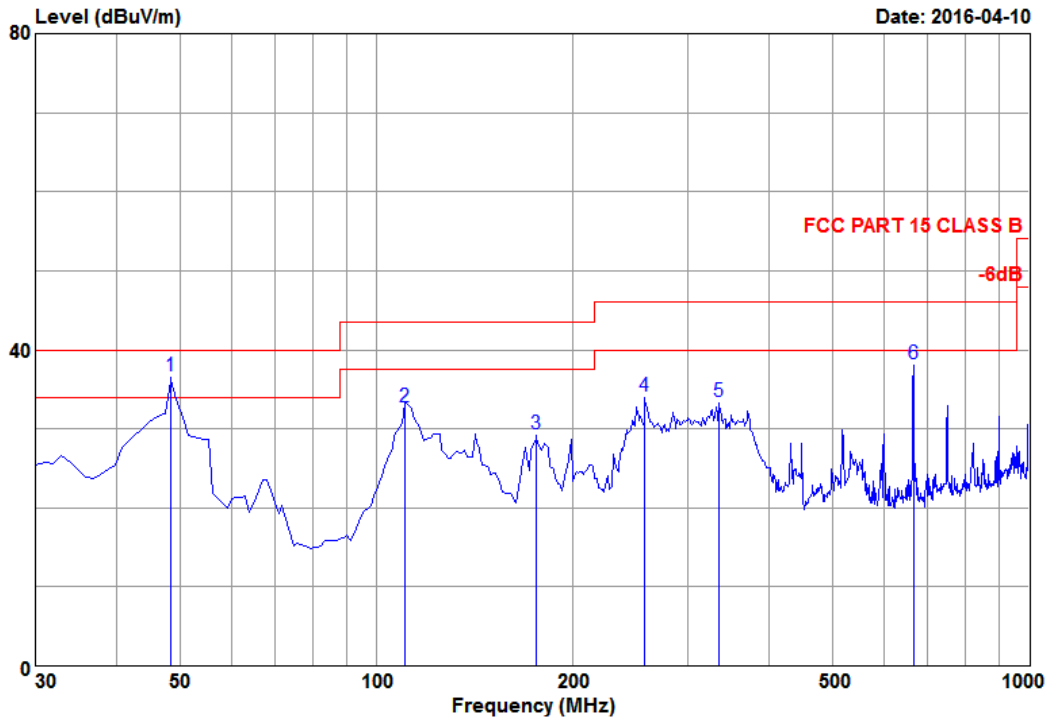
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	48.43	9.80	0.60	45.43	28.53	40.00	11.47	QP
2	110.51	12.30	0.90	48.32	34.36	43.50	9.14	QP
3	141.55	12.08	1.03	47.28	33.36	43.50	10.14	QP
4	184.23	9.80	1.20	47.67	31.81	43.50	11.69	QP
5	249.22	13.11	1.42	48.10	35.93	46.00	10.07	QP
6	331.67	14.83	1.68	48.32	38.01	46.00	7.99	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  
 Economic Development Zone,JiangSu,China  
 Tel:(0512) 63403993 Fax:(0512) 63403993

Data: 154 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber Data NO. :154  
 Dis. / Ant. : 3m 6112D(22253)-150805 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 CLASS B  
 Env. / Ins. : 20.7\*43%/ESCI Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating : DC 5V  
 Test Mode : TX 802.11nHT20 CH48 5240MHz  
 Memo :

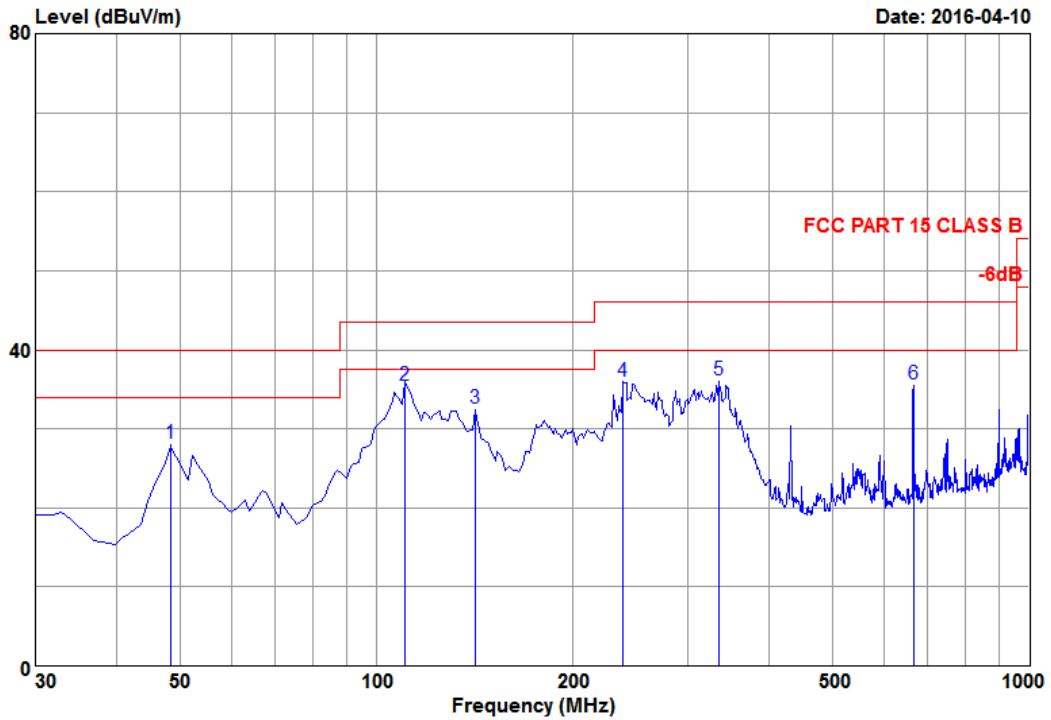
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	48.43	9.80	0.60	53.51	36.61	40.00	3.39	QP
2	110.51	12.30	0.90	46.73	32.77	43.50	10.73	QP
3	175.50	9.99	1.16	45.16	29.41	43.50	14.09	QP
4	257.95	13.84	1.45	45.50	34.11	46.00	11.89	QP
5	335.55	14.93	1.69	43.60	33.37	46.00	12.63	QP
6	665.35	19.73	2.51	43.86	38.27	46.00	7.73	QP

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



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

Data: 161 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber Data NO. :161  
 Dis. / Ant. : 3m 6112D(22253)-150805 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 CLASS B  
 Env. / Ins. : 20.7\*43%/ESCI Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating : DC 5V  
 Test Mode : TX 802.11nHT20 CH149 5745MHz  
 Memo :

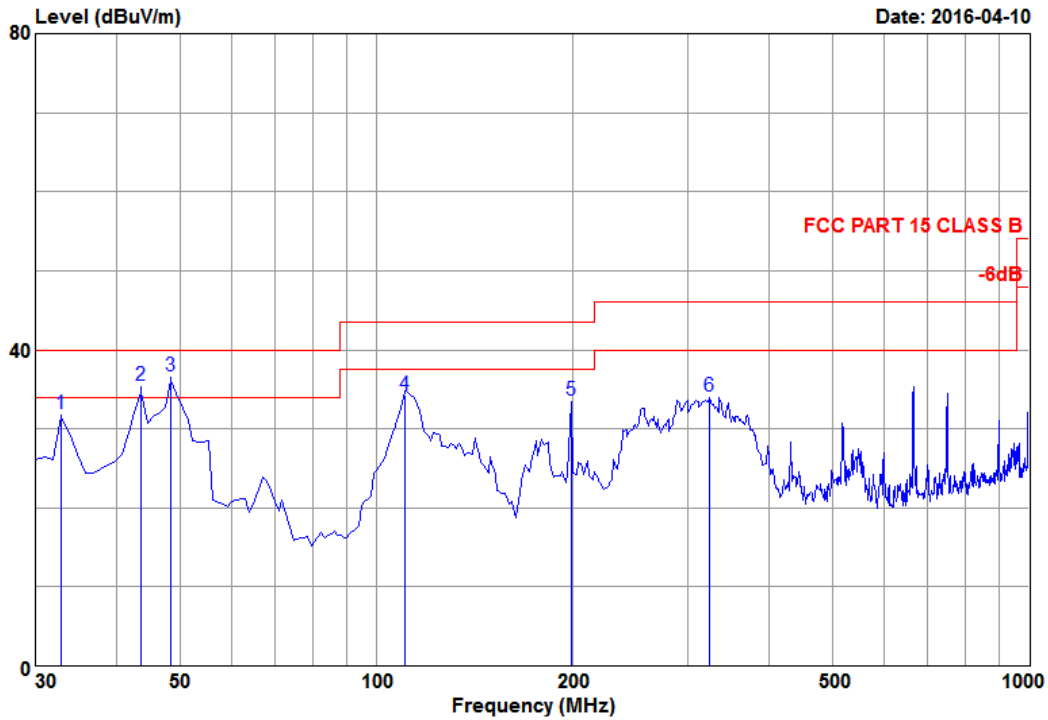
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	48.43	9.80	0.60	45.10	28.20	40.00	11.80	QP
2	110.51	12.30	0.90	49.44	35.48	43.50	8.02	QP
3	141.55	12.08	1.03	46.44	32.52	43.50	10.98	QP
4	238.55	12.23	1.39	49.16	36.06	46.00	9.94	QP
5	335.55	14.93	1.69	46.44	36.21	46.00	9.79	QP
6	665.35	19.73	2.51	41.24	35.65	46.00	10.35	QP

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



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

Data: 162 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber Data NO. :162  
 Dis. / Ant. : 3m 6112D(22253)-150805 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 CLASS B  
 Env. / Ins. : 20.7\*43%/ESCI Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating : DC 5V  
 Test Mode : TX 802.11nHT20 CH149 5745MHz  
 Memo :

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	32.91	17.94	0.49	40.75	31.84	40.00	8.16	QP
2	43.58	12.30	0.56	49.88	35.42	40.00	4.58	QP
3	48.43	9.80	0.60	53.57	36.67	40.00	3.33	QP
4	110.51	12.30	0.90	48.24	34.28	43.50	9.22	QP
5	198.78	10.18	1.26	48.98	33.62	43.50	9.88	QP
6	323.91	14.63	1.66	44.67	34.19	46.00	11.81	QP

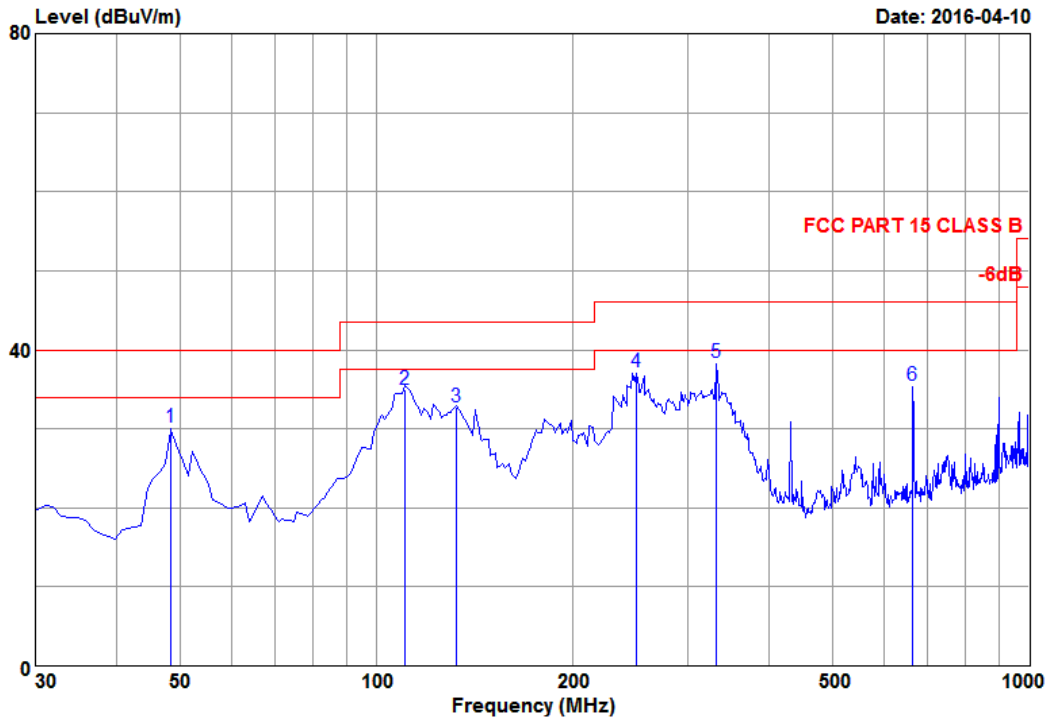
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.





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

Data: 163 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber Data NO. :163  
 Dis. / Ant. : 3m 6112D(22253)-150805 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 CLASS B  
 Env. / Ins. : 20.7\*43%/ESCI Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating : DC 5V  
 Test Mode : TX 802.11nHT20 CH157 5785MHz  
 Memo :

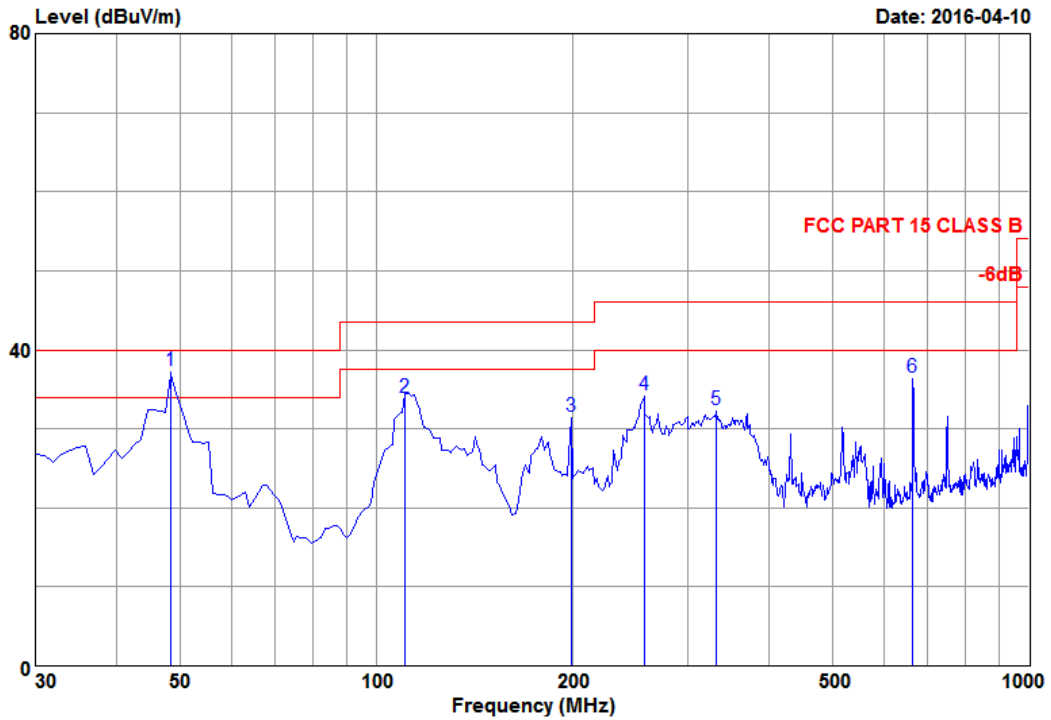
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	48.43	9.80	0.60	47.13	30.23	40.00	9.77	QP
2	110.51	12.30	0.90	48.87	34.91	43.50	8.59	QP
3	132.82	12.55	0.99	46.22	32.69	43.50	10.81	QP
4	250.19	13.19	1.43	49.33	37.25	46.00	8.75	QP
5	331.67	14.83	1.68	48.70	38.39	46.00	7.61	QP
6	664.38	19.72	2.50	41.05	35.43	46.00	10.57	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.  
 No.1289,Jiang Xing East Road,The Eastern Part of Wu Jiang  
 Economic Development Zone,JiangSu,China  
 Tel:(0512) 63403993 Fax:(0512) 63403993

Data: 164 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber Data NO. :164  
 Dis. / Ant. : 3m 6112D(22253)-150805 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 CLASS B  
 Env. / Ins. : 20.7\*43%/ESCI Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating : DC 5V  
 Test Mode : TX 802.11nHT20 CH157 5785MHz  
 Memo :

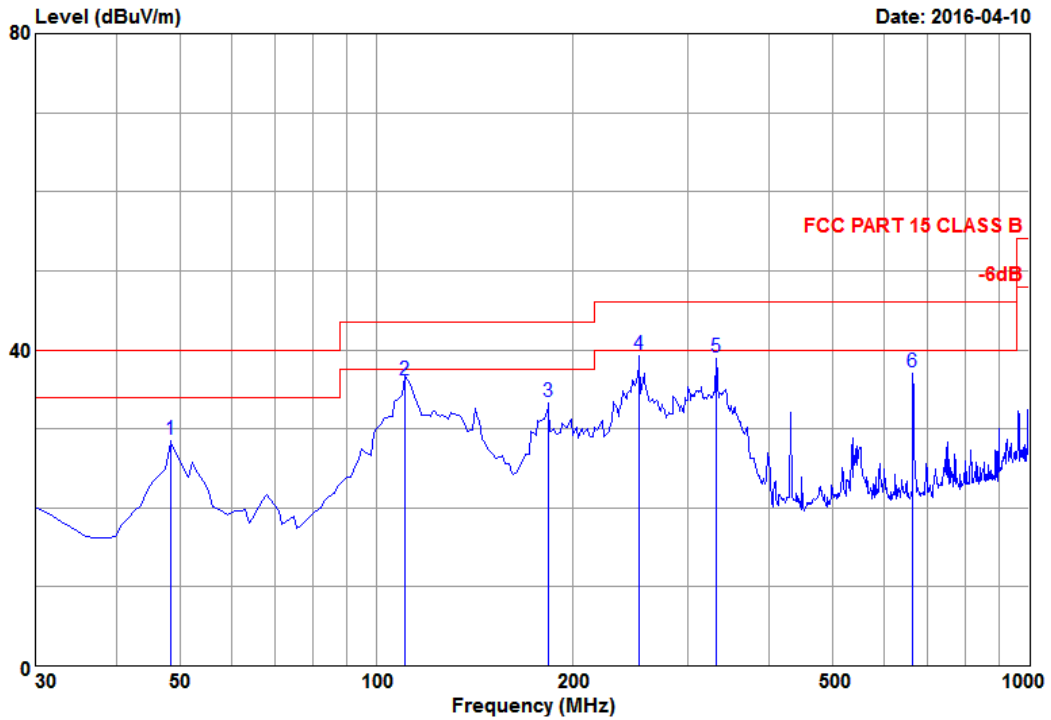
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	48.43	9.80	0.60	54.26	37.36	40.00	2.64	QP
2	110.51	12.30	0.90	47.91	33.95	43.50	9.55	QP
3	198.78	10.18	1.26	46.98	31.62	43.50	11.88	QP
4	256.98	13.76	1.45	45.75	34.27	46.00	11.73	QP
5	331.67	14.83	1.68	42.70	32.39	46.00	13.61	QP
6	664.38	19.72	2.50	42.08	36.46	46.00	9.54	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  
 Economic Development Zone,JiangSu,China  
 Tel:(0512) 63403993 Fax:(0512) 63403993

Data: 165 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber Data NO. :165  
 Dis. / Ant. : 3m 6112D(22253)-150805 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 CLASS B  
 Env. / Ins. : 20.7\*43%/ESCI Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating : DC 5V  
 Test Mode : TX 802.11nHT20 CH165 5825MHz  
 Memo :

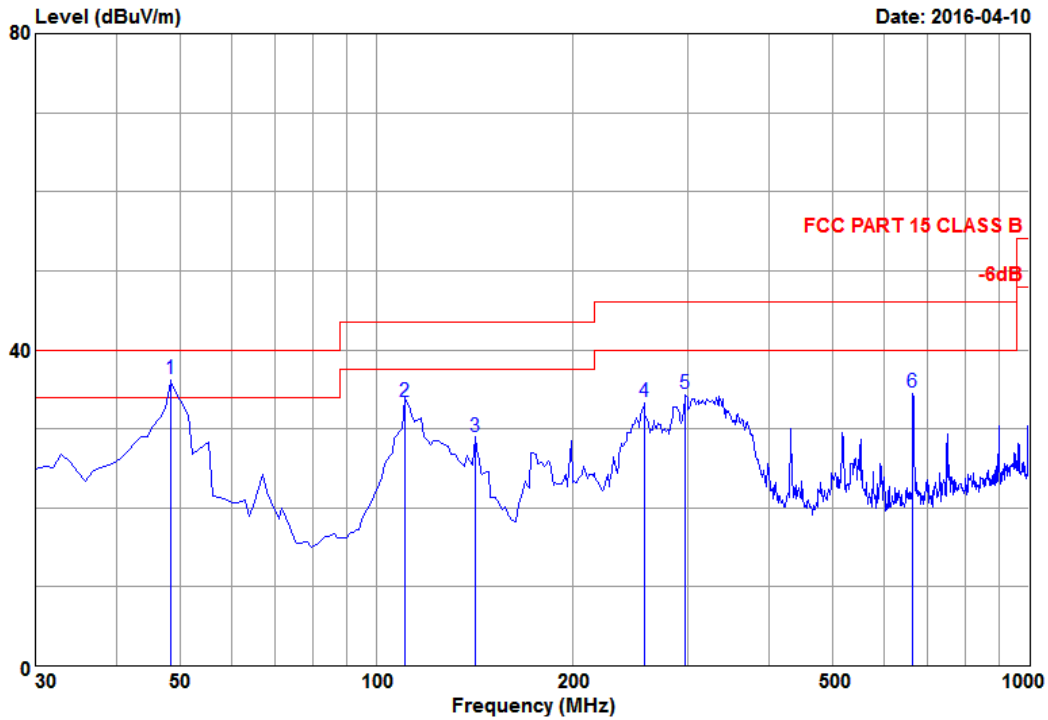
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	48.43	9.80	0.60	45.56	28.66	40.00	11.34	QP
2	110.51	12.30	0.90	50.15	36.19	43.50	7.31	QP
3	183.26	9.77	1.19	49.34	33.43	43.50	10.07	QP
4	253.10	13.43	1.44	51.21	39.39	46.00	6.61	QP
5	331.67	14.83	1.68	49.32	39.01	46.00	6.99	QP
6	664.38	19.72	2.50	42.78	37.16	46.00	8.84	QP

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



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

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



Site NO. : 3m Chamber Data NO. :166  
 Dis. / Ant. : 3m 6112D(22253)-150805 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 CLASS B  
 Env. / Ins. : 20.7\*43%/ESCI Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating : DC 5V  
 Test Mode : TX 802.11nHT20 CH165 5825MHz  
 Memo :

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	48.43	9.80	0.60	53.29	36.39	40.00	3.61	QP
2	110.51	12.30	0.90	47.37	33.41	43.50	10.09	QP
3	141.55	12.08	1.03	42.89	28.97	43.50	14.53	QP
4	256.98	13.76	1.45	44.87	33.39	46.00	12.61	QP
5	296.75	13.94	1.58	45.47	34.38	46.00	11.62	QP
6	664.38	19.72	2.50	40.19	34.57	46.00	11.43	QP

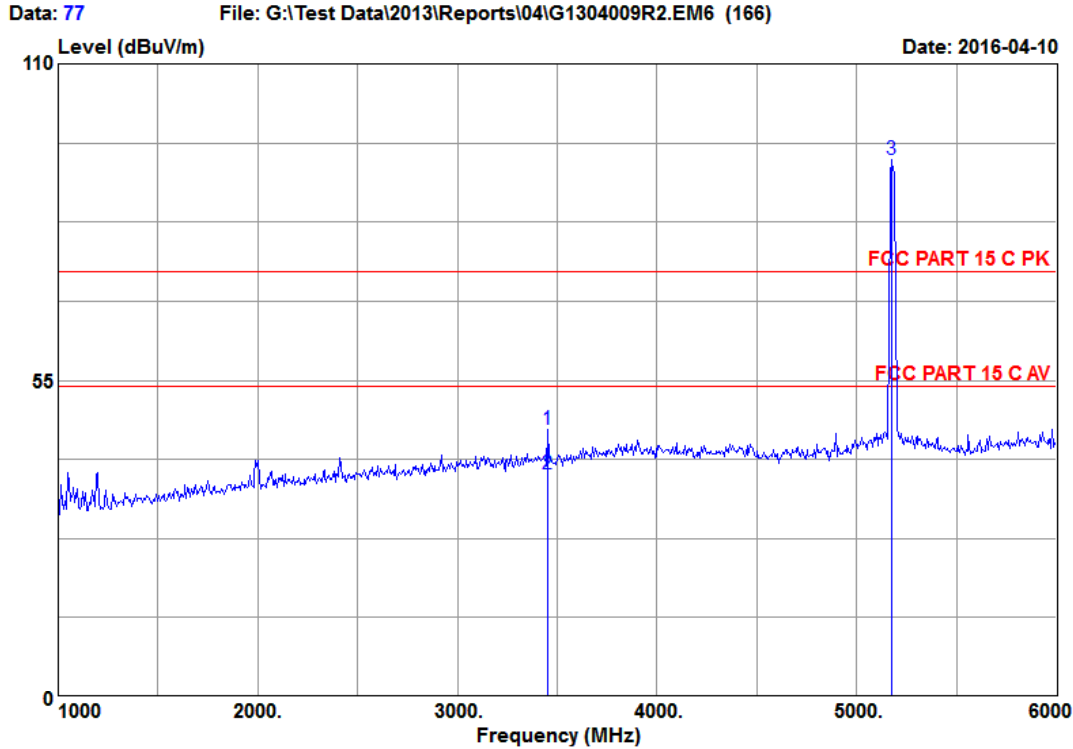
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

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

4.7.1. Type of Network : IEEE 802.11a



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 Semi-Anechoic Chamber Data NO. : 77  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*CS&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11a CH36 5180MHz  
 Memo :

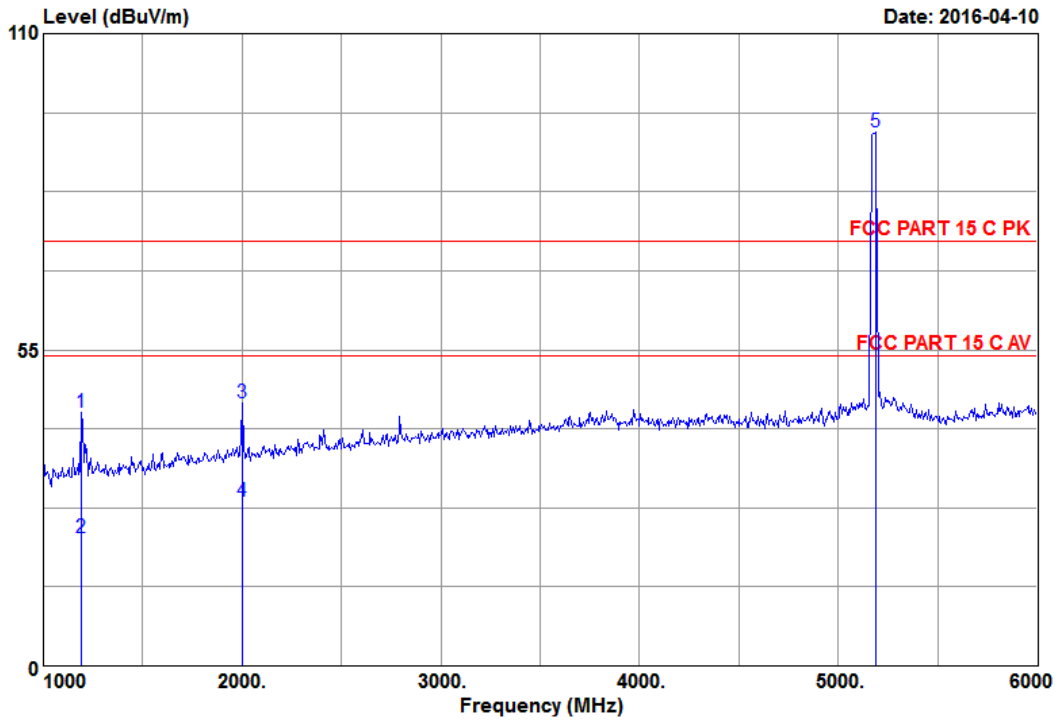
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	3454.00	31.18	6.30	43.14	34.26	46.36	74.00	27.64	Peak
2	3455.25	31.18	6.30	35.50	34.26	38.72	54.00	15.28	Average
3	5176.00	33.49	7.62	86.17	33.91	93.37	74.00	-19.37	Peak

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



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

Data: 79 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber	Data NO. : 79
Dis. / Ant. : 3m 3115-62960-150630	Ant. pol. : VERTICAL
Limit : FCC PART 15 C PK	
Env. / Ins. : 21.8*C&48%/N9030A	Engineer : Mickey
EUT : TI-nspire CX navigator access point	
M/N : TINAVAP3-2	
Power Rating: DC 5V	
Test Mode : TX 802.11a CH36 5180MHz	
Memo :	

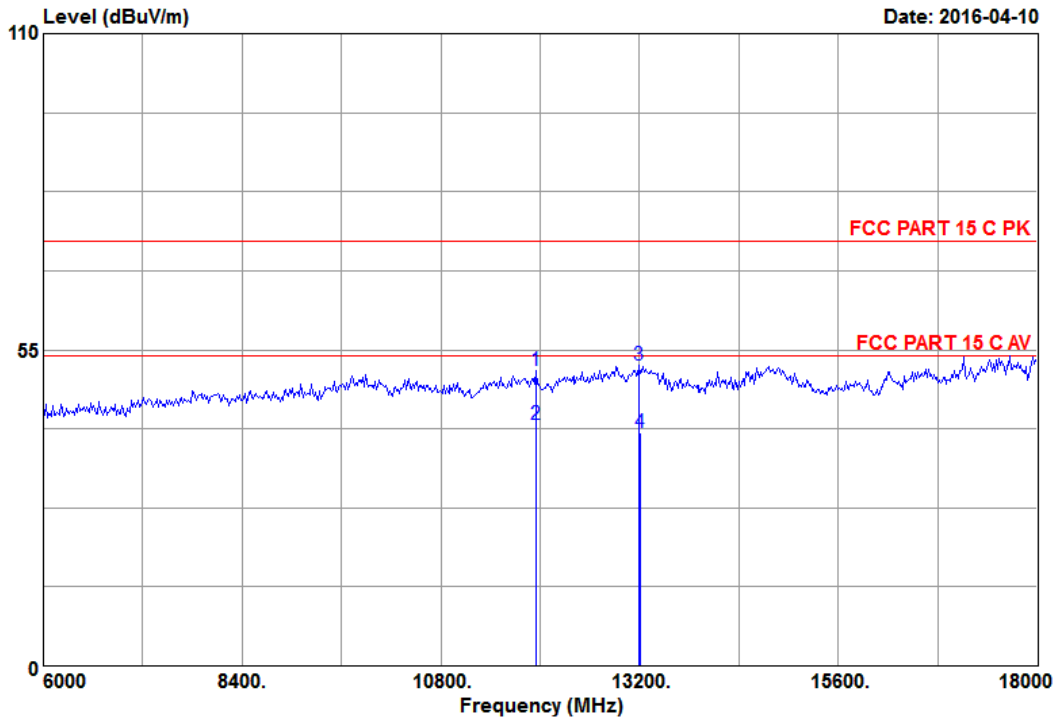
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1192.00	23.94	3.44	52.00	35.35	44.03	74.00	29.97	Peak
2	1193.25	23.94	3.44	30.21	35.35	22.24	54.00	31.76	Average
3	2002.00	27.50	4.61	48.19	34.57	45.73	74.00	28.27	Peak
4	2003.17	27.50	4.61	31.10	34.57	28.64	54.00	25.36	Average
5	5188.00	33.49	7.62	85.78	33.91	92.98	74.00	-18.98	Peak

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



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

Data: 78 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 78  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11a CH36 5180MHz  
 Memo :

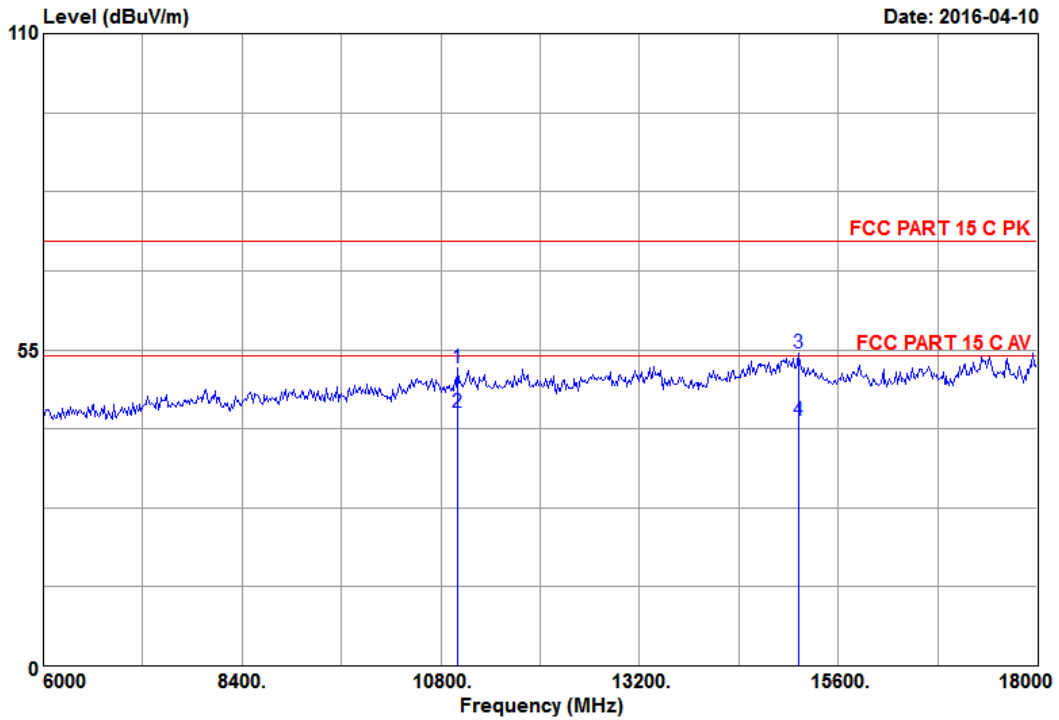
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11952.00	39.13	11.50	34.61	33.80	51.44	74.00	22.56	Peak
2	11953.25	39.13	11.51	25.20	33.81	42.03	54.00	11.97	Average
3	13200.00	40.40	12.41	31.84	32.30	52.35	74.00	21.65	Peak
4	13201.25	40.40	12.41	20.19	32.30	40.70	54.00	13.30	Average

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



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

Data: 80 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 80  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11a CH36 5180MHz  
 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	11008.00	39.11	11.34	35.14	33.64	51.95	74.00	22.05	Peak
2	11009.25	39.11	11.34	27.20	33.64	44.01	54.00	9.99	Average
3	15120.00	40.32	13.34	34.01	33.13	54.54	74.00	19.46	Peak
4	15121.14	40.32	13.34	22.21	33.13	42.74	54.00	11.26	Average

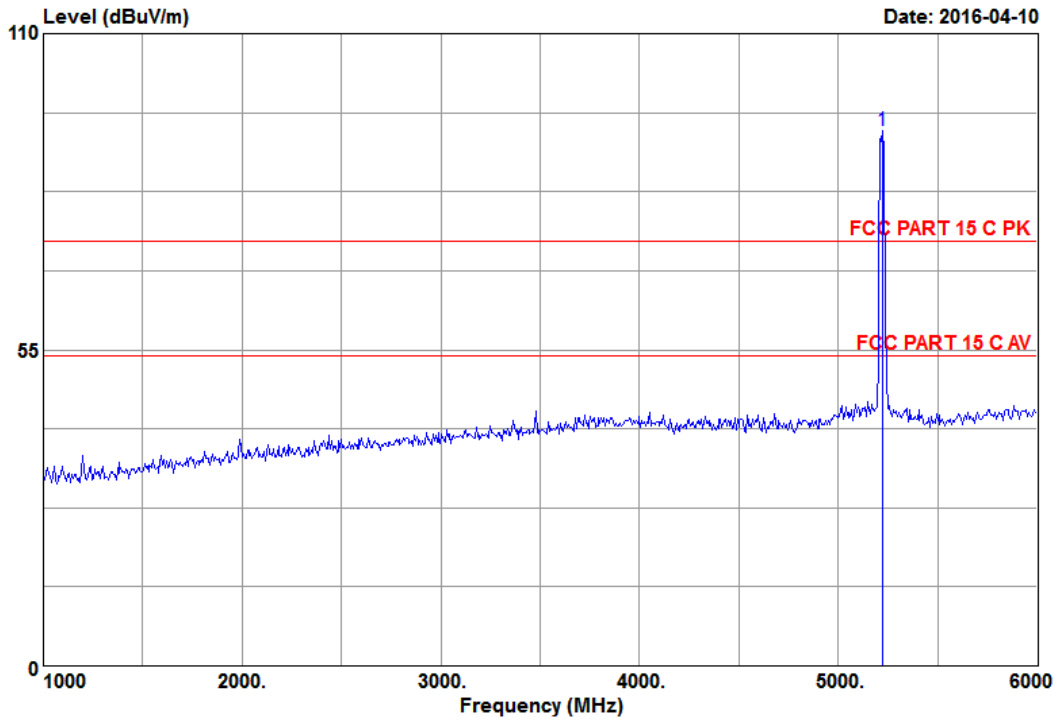
Remarks: 1. Emission Level= Ant.Factor + Cable Loss + Reading - Preamp.Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.





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

Data: 81 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber	Data NO. : 81
Dis. / Ant. : 3m 3115-62960-150630	Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C PK	Engineer : Mickey
Env. / Ins. : 21.8*C&48%/N9030A	
EUT : TI-nspire CX navigator access point	
M/N : TINAVAP3-2	
Power Rating: DC 5V	
Test Mode : TX 802.11a CH44 5220MHz	
Memo :	

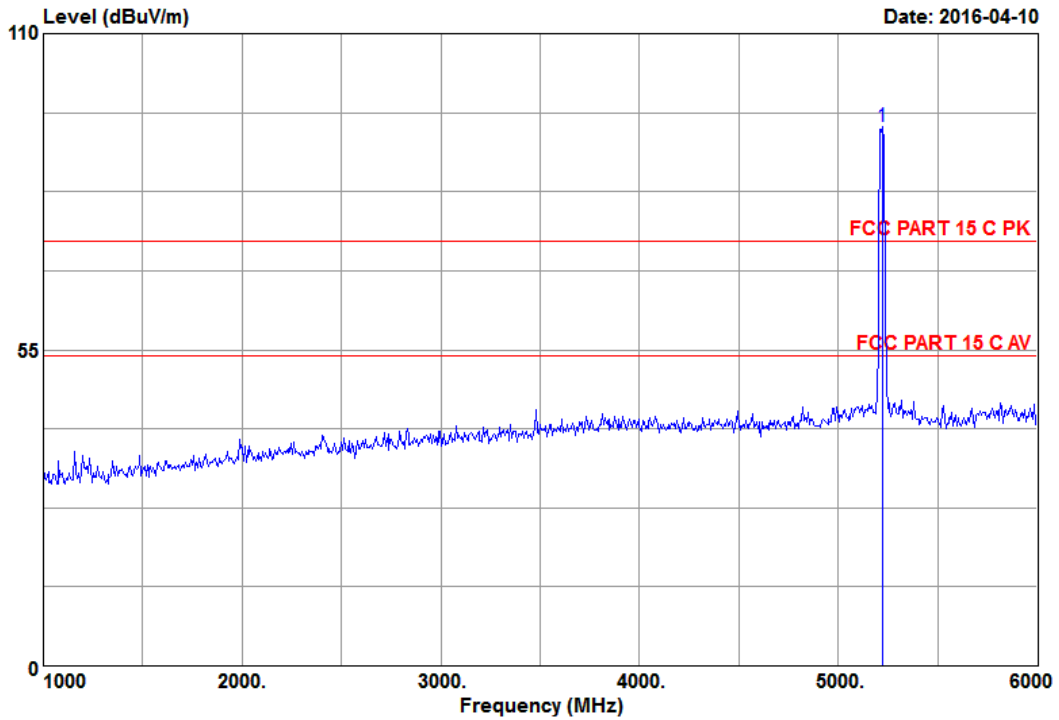
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5224.00	33.55	7.68	85.71	33.91	93.03	74.00	-19.03	Peak

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



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

Data: 83 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber	Data NO. : 83
Dis. / Ant. : 3m 3115-62960-150630	Ant. pol. : VERTICAL
Limit : FCC PART 15 C PK	Engineer : Mickey
Env. / Ins. : 21.8*C&48%/N9030A	
EUT : TI-nspire CX navigator access point	
M/N : TINAVAP3-2	
Power Rating: DC 5V	
Test Mode : TX 802.11a CH44 5220MHz	
Memo :	

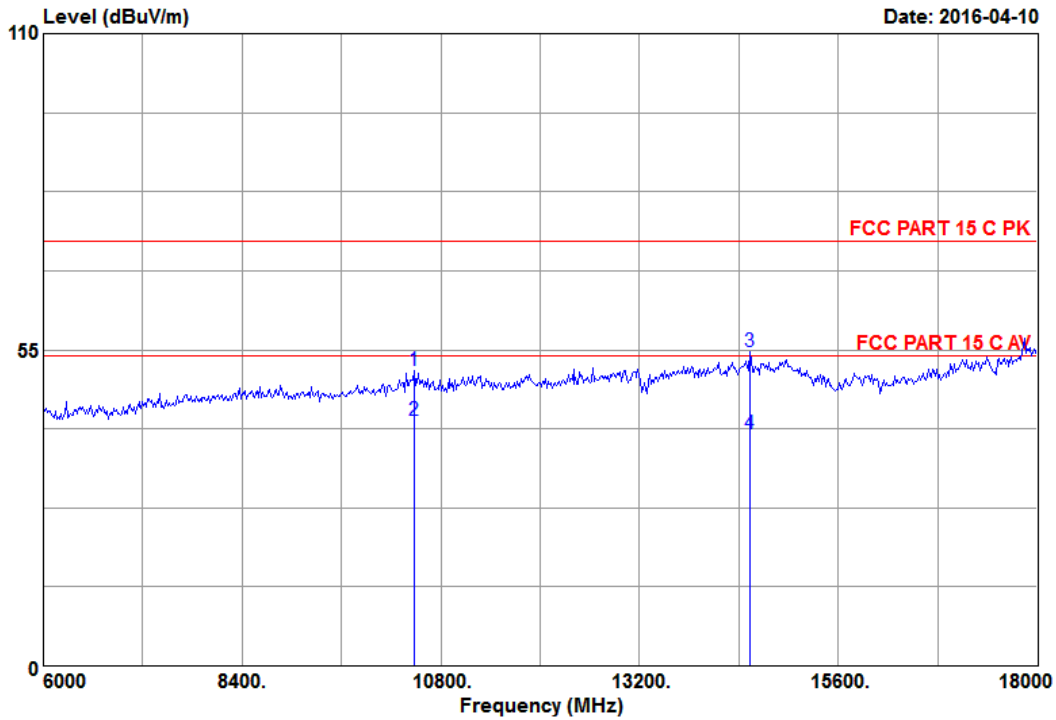
1	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5224.00	33.55	7.68	86.60	33.91	93.92	74.00	-19.92	Peak

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



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

Data: 82 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Date: 2016-04-10

Site NO. : 3m Semi-Anechoic Chamber	Data NO. : 82
Dis. / Ant. : 3m 3115-62960-150630	Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C PK	
Env. / Ins. : 21.8*C&48%/N9030A	Engineer : Mickey
EUT : TI-nspire CX navigator access point	
M/N : TINAVAP3-2	
Power Rating: DC 5V	
Test Mode : TX 802.11a CH44 5220MHz	
Memo :	

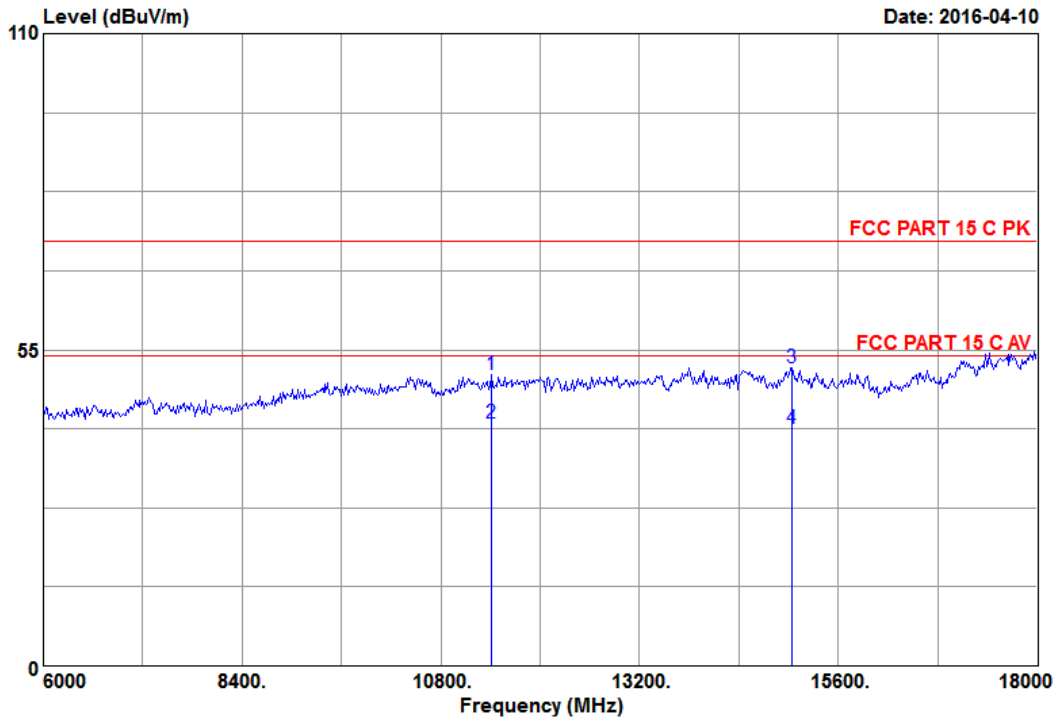
Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1 10480.00	39.57	11.09	34.82	34.07	51.41	74.00	22.59	Peak
2 10481.14	39.57	11.09	26.11	34.07	42.70	54.00	11.30	Average
3 14528.00	42.49	13.02	31.47	32.35	54.63	74.00	19.37	Peak
4 14529.58	42.49	13.02	17.21	32.35	40.37	54.00	13.63	Average

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



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

Data: 84 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 84  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11a CH44 5220MHz  
 Memo :

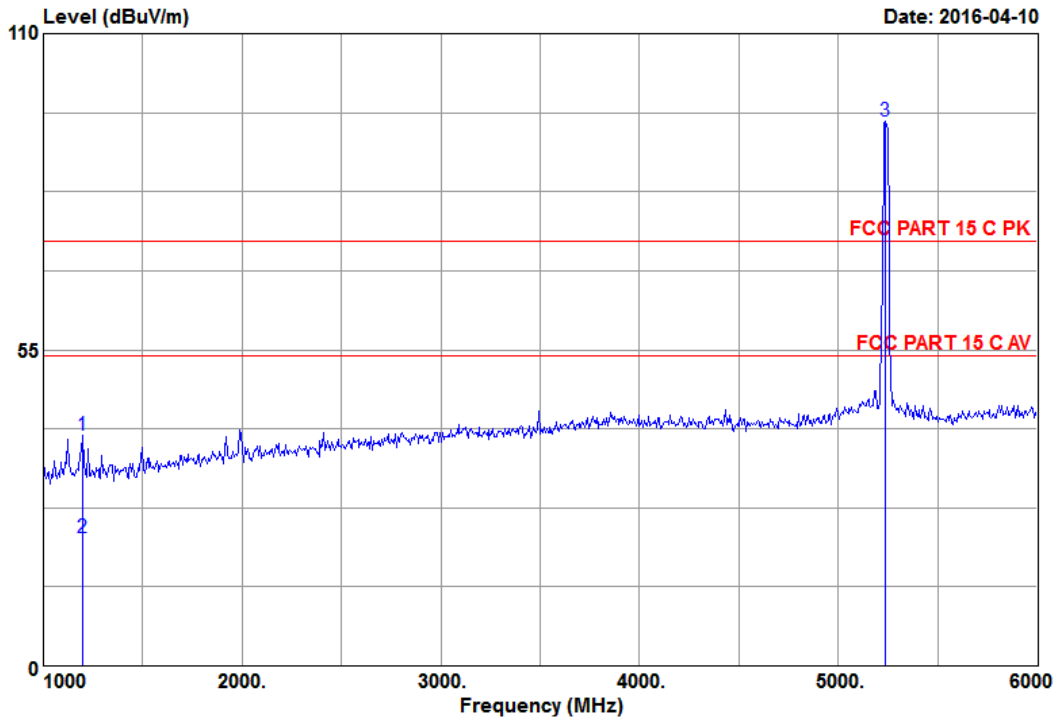
Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1 11408.00	39.34	11.41	33.58	33.71	50.62	74.00	23.38	Peak
2 11409.25	39.34	11.41	25.10	33.71	42.14	54.00	11.86	Average
3 15040.00	40.81	13.24	30.78	33.05	51.78	74.00	22.22	Peak
4 15041.18	40.81	13.24	20.19	33.05	41.19	54.00	12.81	Average

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



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

Data: 85 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber	Data NO. : 85
Dis. / Ant. : 3m 3115-62960-150630	Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C PK	Engineer : Mickey
Env. / Ins. : 21.8*C&48%/N9030A	
EUT : TI-nspire CX navigator access point	
M/N : TINAVAP3-2	
Power Rating: DC 5V	
Test Mode : TX 802.11a CH48 5240MHz	
Memo :	

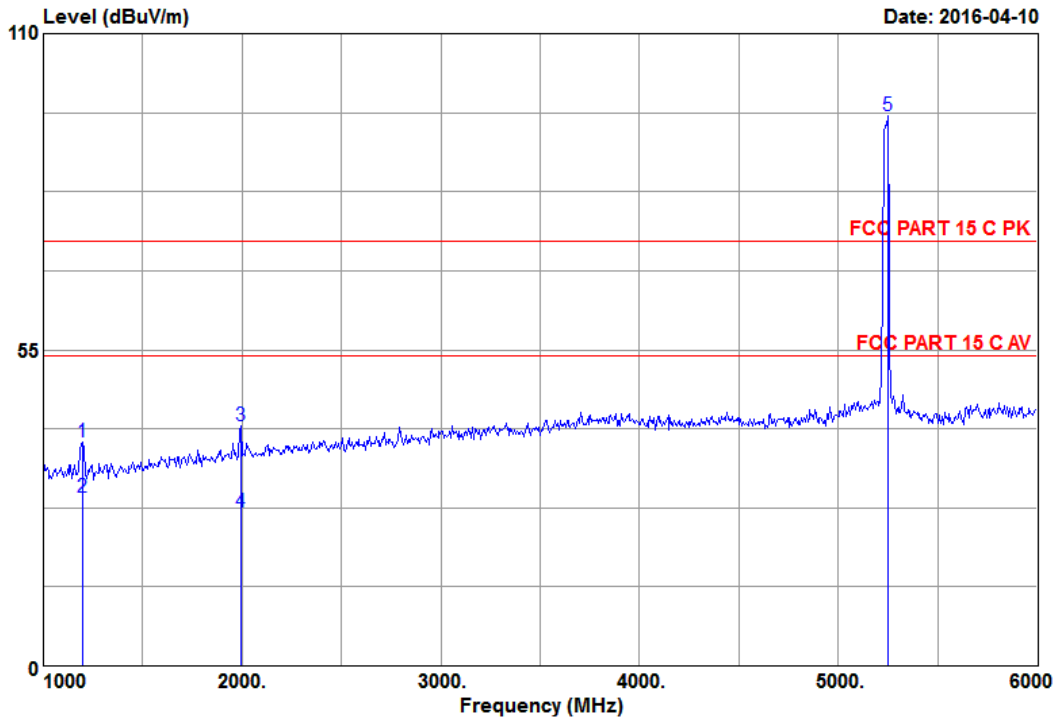
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1198.00	24.00	3.44	47.98	35.35	40.07	74.00	33.93	Peak
2	1199.25	24.00	3.44	30.21	35.35	22.30	54.00	31.70	Average
3	5236.00	33.57	7.68	87.43	33.91	94.77	74.00	-20.77	Peak

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



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

Data: 87 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber	Data NO. : 87
Dis. / Ant. : 3m 3115-62960-150630	Ant. pol. : VERTICAL
Limit : FCC PART 15 C PK	
Env. / Ins. : 21.8*C&48%/N9030A	Engineer : Mickey
EUT : TI-nspire CX navigator access point	
M/N : TINAVAP3-2	
Power Rating: DC 5V	
Test Mode : TX 802.11a CH48 5240MHz	
Memo :	

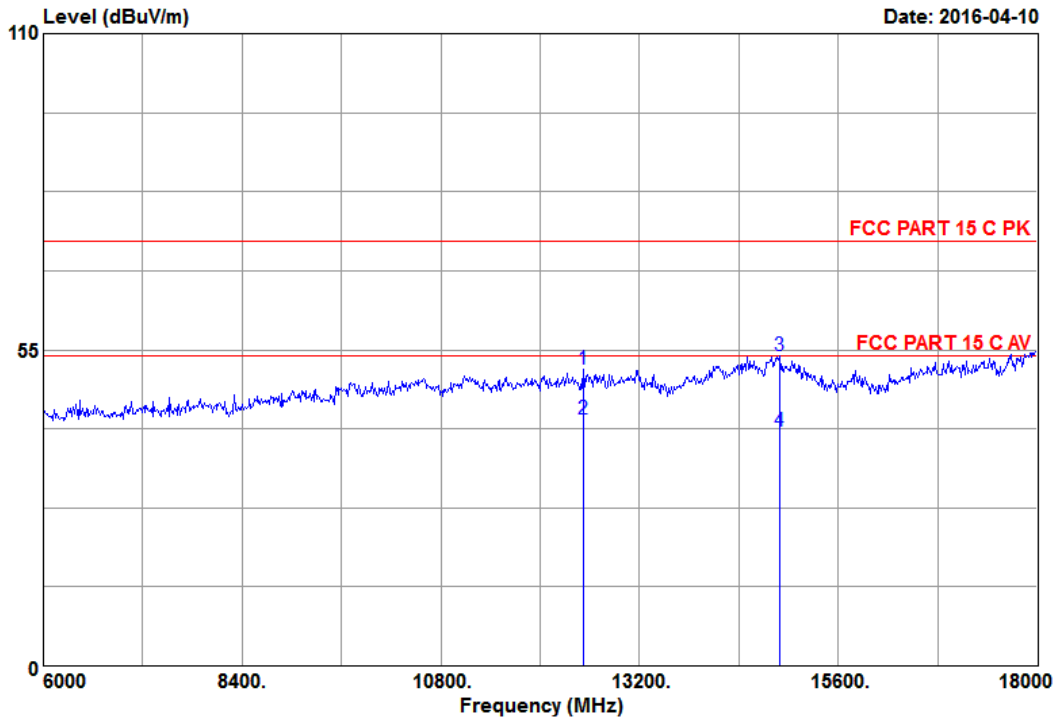
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1198.00	24.00	3.44	46.94	35.35	39.03	74.00	34.97	Peak
2	1199.25	24.00	3.44	37.21	35.35	29.30	54.00	24.70	Average
3	1996.00	27.50	4.61	44.14	34.57	41.68	74.00	32.32	Peak
4	1997.14	27.50	4.61	29.20	34.57	26.74	54.00	27.26	Average
5	5248.00	33.60	7.71	88.35	33.91	95.75	74.00	-21.75	Peak

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



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

Data: 86 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 86  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11a CH48 5240MHz  
 Memo :

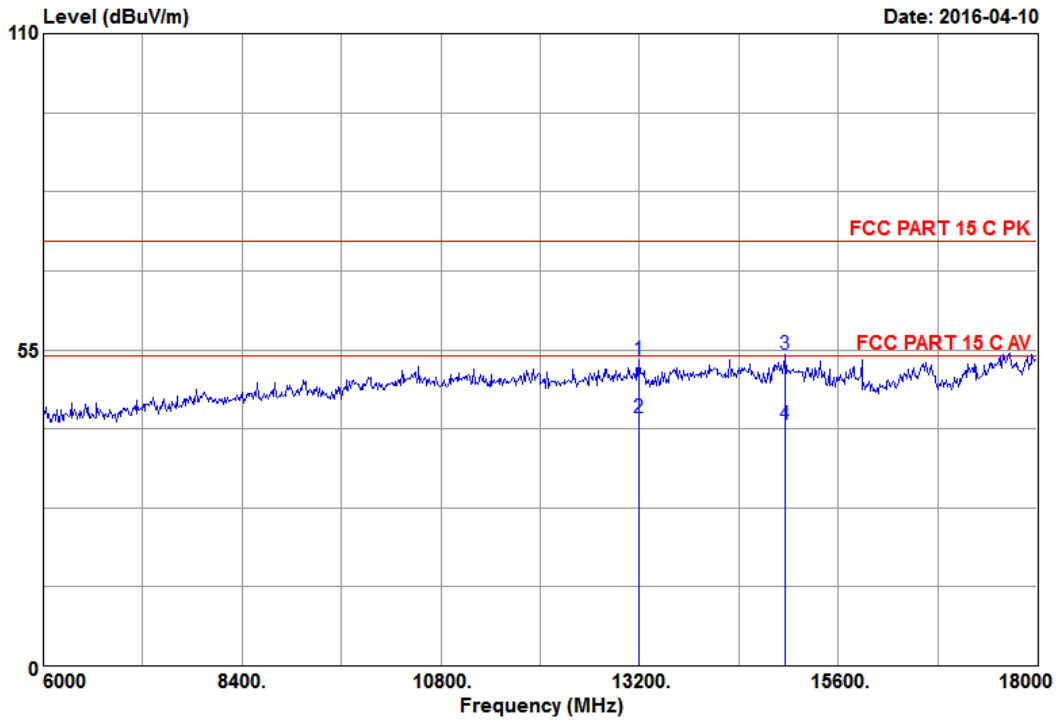
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	12524.00	38.87	11.93	34.00	33.10	51.70	74.00	22.30	Peak
2	12525.14	38.87	11.93	25.20	33.10	42.90	54.00	11.10	Average
3	14890.00	41.37	13.14	32.42	32.86	54.07	74.00	19.93	Peak
4	14891.15	41.37	13.14	19.21	32.86	40.86	54.00	13.14	Average

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



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

Data: 88 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Date: 2016-04-10

Site NO. : 3m Semi-Anechoic Chamber Data NO. : 88  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11a CH48 5240MHz  
 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	13196.00	40.36	12.41	32.69	32.30	53.16	74.00	20.84	Peak
2	13197.14	40.36	12.41	22.59	32.30	43.06	54.00	10.94	Average
3	14960.00	41.16	13.15	32.85	32.93	54.23	74.00	19.77	Peak
4	14961.14	41.16	13.15	20.51	32.93	41.89	54.00	12.11	Average

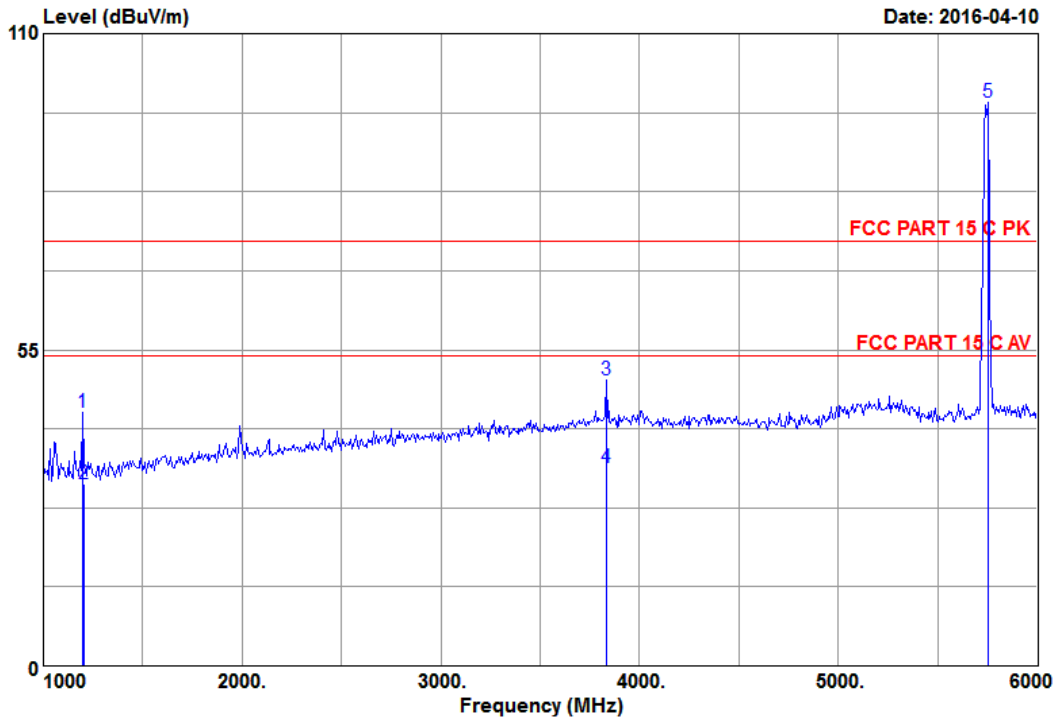
Remarks: 1. Emission Level= Ant.Factor + Cable Loss + Reading - Preamp.Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.





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

Data: 101 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 101  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11a CH149 5745MHz  
 Memo :

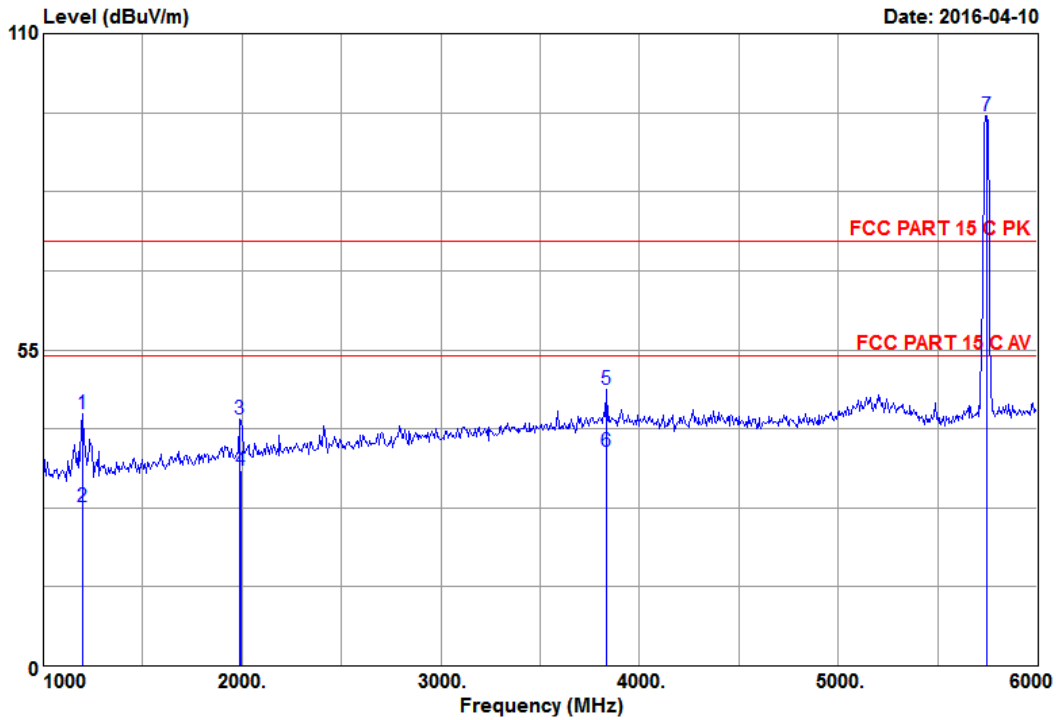
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1198.00	24.00	3.44	52.01	35.35	44.10	74.00	29.90	Peak
2	1201.10	24.00	3.44	39.51	35.35	31.60	54.00	22.40	Average
3	3832.00	32.27	6.73	44.97	34.13	49.84	74.00	24.16	Peak
4	3833.26	32.27	6.73	29.60	34.13	34.47	54.00	19.53	Average
5	5752.00	34.10	8.26	89.57	33.90	98.03	74.00	-24.03	Peak

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



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

Data: 103 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 103  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11a CH149 5745MHz  
 Memo :

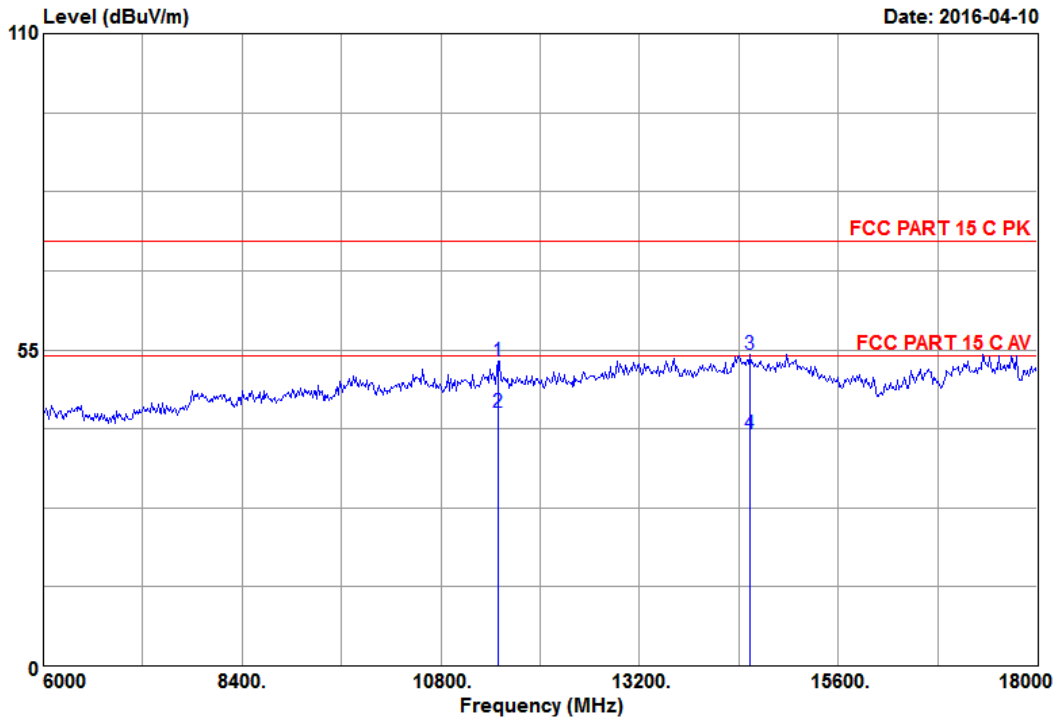
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1198.00	24.00	3.44	51.82	35.35	43.91	74.00	30.09	Peak
2	1199.28	24.00	3.44	35.61	35.35	27.70	54.00	26.30	Average
3	1990.00	27.42	4.61	45.51	34.57	42.97	74.00	31.03	Peak
4	1993.25	27.42	4.61	36.60	34.57	34.06	54.00	19.94	Average
5	3832.00	32.27	6.73	43.22	34.13	48.09	74.00	25.91	Peak
6	3833.26	32.27	6.73	32.40	34.13	37.27	54.00	16.73	Average
7	5746.00	34.10	8.26	87.21	33.90	95.67	74.00	-21.67	Peak

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



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

Data: 102 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 102  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11a CH149 5745MHz  
 Memo :

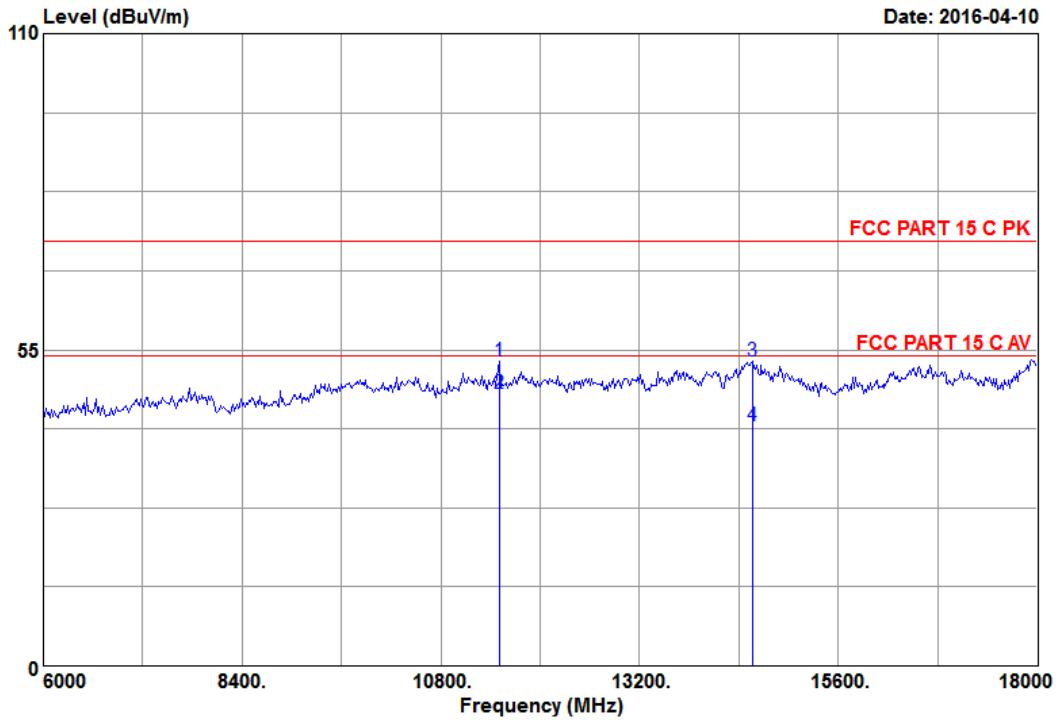
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11488.00	39.39	11.42	35.99	33.72	53.08	74.00	20.92	Peak
2	11489.98	39.39	11.42	26.90	33.72	43.99	54.00	10.01	Average
3	14528.00	42.49	13.02	31.09	32.35	54.25	74.00	19.75	Peak
4	14529.30	42.49	13.02	17.11	32.35	40.27	54.00	13.73	Average

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



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

Data: 104 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber  
 Dis. / Ant. : 3m 3115-62960-150630  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11a CH149 5745MHz  
 Memo :  
 Data NO. : 104  
 Ant. pol. : VERTICAL  
 Engineer : Mickey

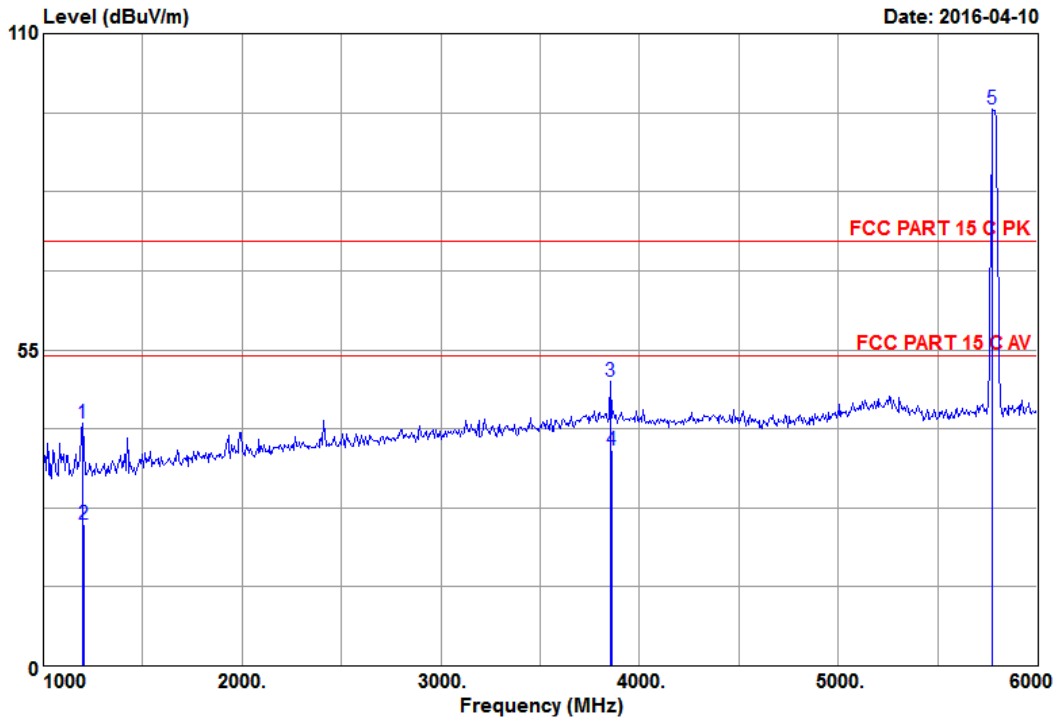
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11504.00	39.40	11.43	35.87	33.73	52.97	74.00	21.03	Peak
2	11506.25	39.40	11.43	30.20	33.73	47.30	54.00	6.70	Average
3	14560.00	42.39	13.03	29.96	32.39	52.99	74.00	21.01	Peak
4	14561.25	42.39	13.03	18.80	32.39	41.83	54.00	12.17	Average

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



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

Data: 105 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 105  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11a CH157 5785MHz  
 Memo :

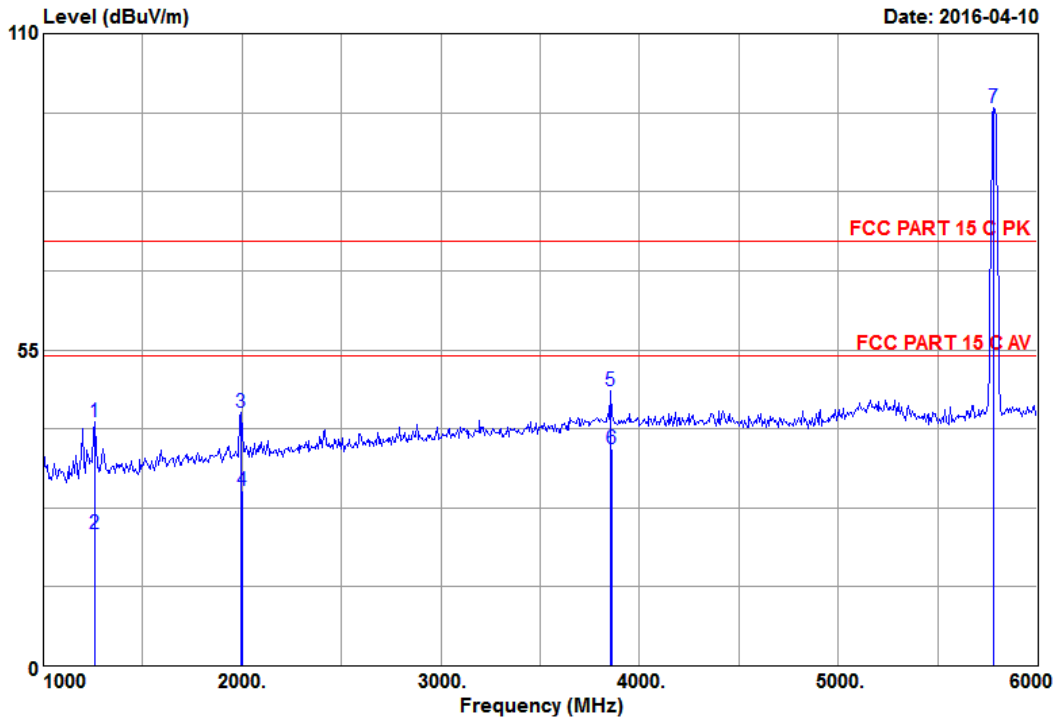
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1198.00	24.00	3.44	50.05	35.35	42.14	74.00	31.86	Peak
2	1201.10	24.00	3.44	32.61	35.35	24.70	54.00	29.30	Average
3	3856.00	32.31	6.76	44.63	34.12	49.58	74.00	24.42	Peak
4	3858.25	32.31	6.76	32.60	34.12	37.55	54.00	16.45	Average
5	5776.00	34.11	8.29	88.29	33.90	96.79	74.00	-22.79	Peak

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



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

Data: 107 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber  
 Dis. / Ant. : 3m 3115-62960-150630  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11a CH157 5785MHz  
 Memo :  
 Data NO. : 107  
 Ant. pol. : VERTICAL  
 Engineer : Mickey

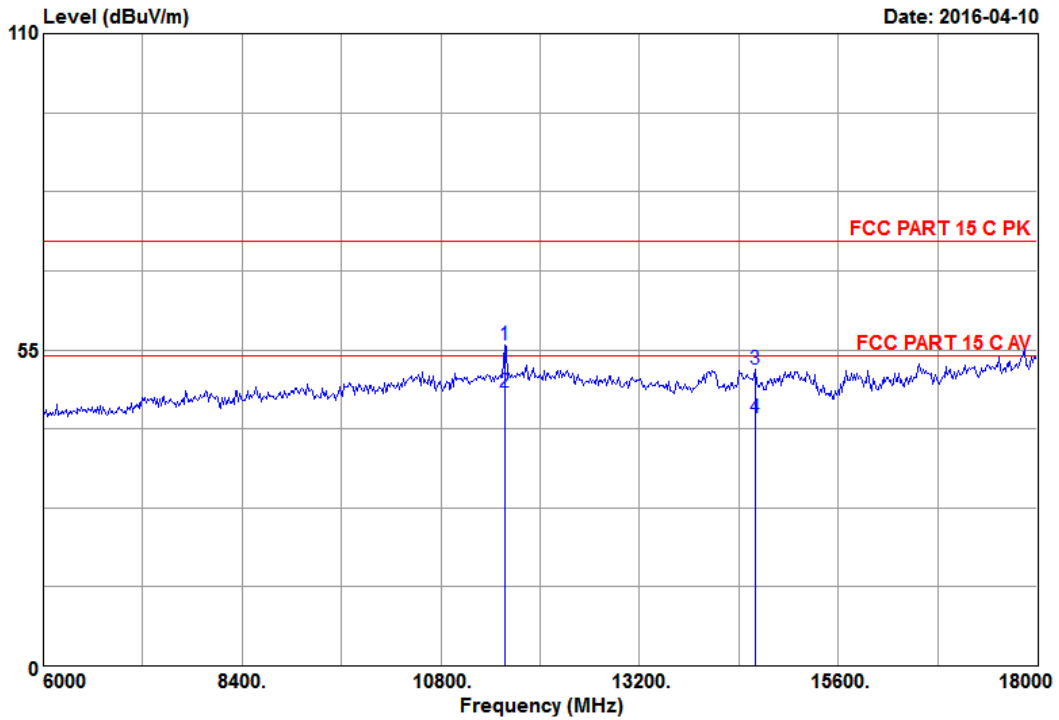
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1258.00	24.18	3.52	49.95	35.30	42.35	74.00	31.65	Peak
2	1259.68	24.18	3.52	30.60	35.30	23.00	54.00	31.00	Average
3	1996.00	27.50	4.61	46.58	34.57	44.12	74.00	29.88	Peak
4	1998.80	27.50	4.61	32.90	34.57	30.44	54.00	23.56	Average
5	3856.00	32.31	6.76	42.92	34.12	47.87	74.00	26.13	Peak
6	3857.80	32.31	6.76	32.90	34.12	37.85	54.00	16.15	Average
7	5782.00	34.11	8.32	88.49	33.90	97.02	74.00	-23.02	Peak

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



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

Data: 106 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 106  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11a CH157 5785MHz  
 Memo :

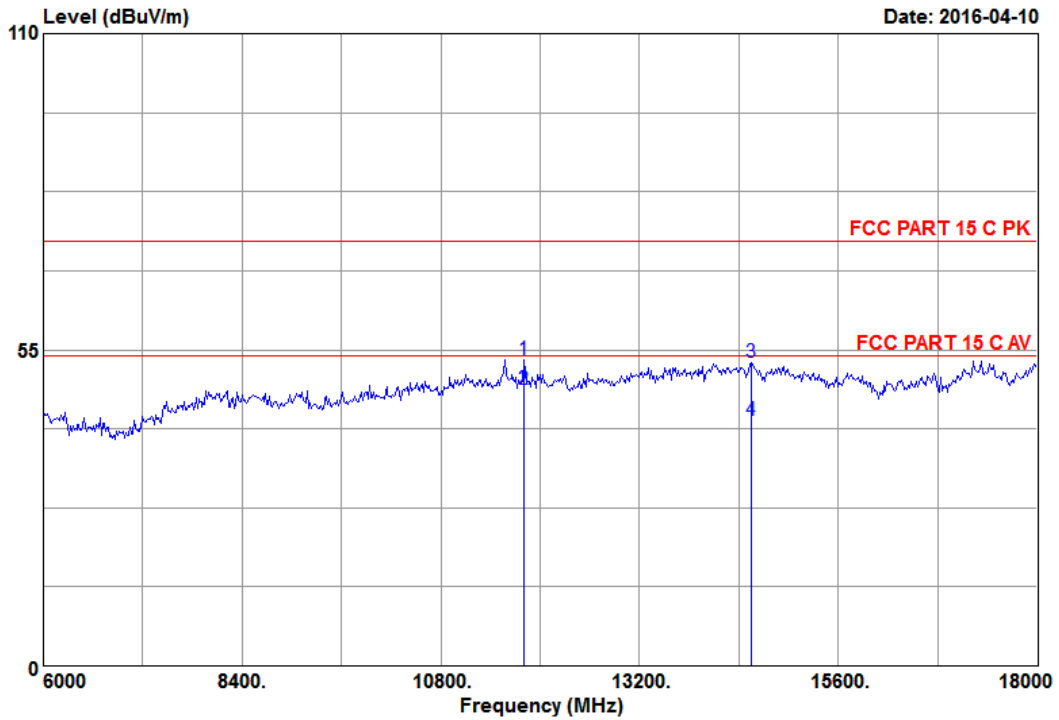
Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1 11568.00	39.36	11.44	38.88	33.74	55.94	74.00	18.06	Peak
2 11569.60	39.36	11.44	30.50	33.74	47.56	54.00	6.44	Average
3 14592.00	42.28	13.04	28.78	32.42	51.68	74.00	22.32	Peak
4 14593.60	42.28	13.04	20.20	32.42	43.10	54.00	10.90	Average

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



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

Data: 108 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber  
 Dis. / Ant. : 3m 3115-62960-150630  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11a CH157 5785MHz  
 Memo :  
 Data NO. : 108  
 Ant. pol. : VERTICAL  
 Engineer : Mickey

Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1 11808.00	39.21	11.48	36.45	33.78	53.36	74.00	20.64	Peak
2 11809.68	39.21	11.48	31.10	33.78	48.01	54.00	5.99	Average
3 14544.00	42.44	13.02	29.67	32.35	52.78	74.00	21.22	Peak
4 14545.18	42.44	13.02	19.70	32.35	42.81	54.00	11.19	Average

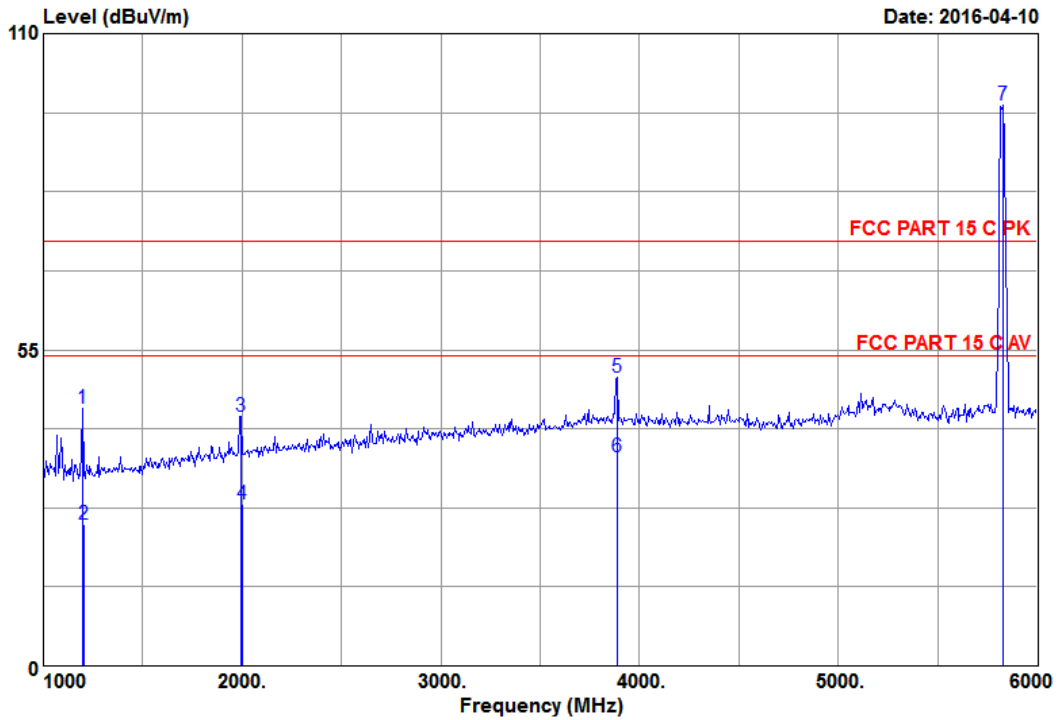
Remarks: 1. Emission Level= Ant.Factor + Cable Loss + Reading - Preamp.Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.





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

Data: 109 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Date: 2016-04-10

Site NO. : 3m Semi-Anechoic Chamber  
 Dis. / Ant. : 3m 3115-62960-150630  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11a CH165 5825MHz  
 Memo :  
 Data NO. : 109  
 Ant. pol. : HORIZONTAL  
 Engineer : Mickey

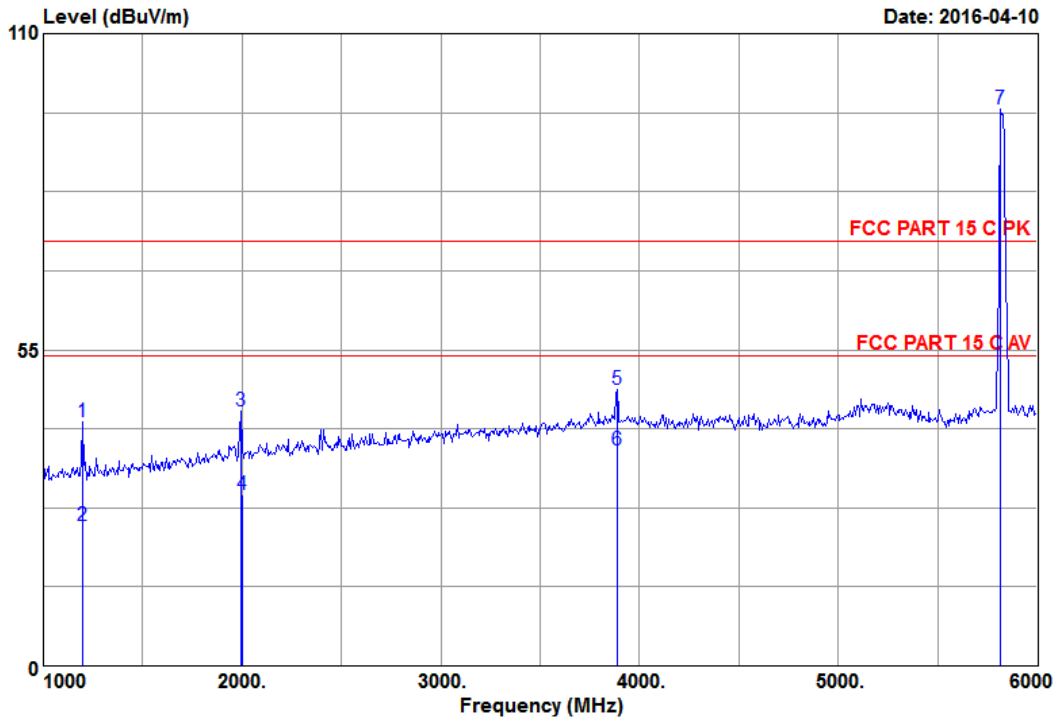
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1198.00	24.00	3.44	52.70	35.35	44.79	74.00	29.21	Peak
2	1201.40	24.00	3.44	32.51	35.35	24.60	54.00	29.40	Average
3	1996.00	27.50	4.61	45.95	34.57	43.49	74.00	30.51	Peak
4	1998.50	27.50	4.61	30.60	34.57	28.14	54.00	25.86	Average
5	3886.00	32.41	6.79	45.07	34.11	50.16	74.00	23.84	Peak
6	3887.25	32.41	6.79	31.20	34.11	36.29	54.00	17.71	Average
7	5830.00	34.13	8.35	89.03	33.90	97.61	74.00	-23.61	Peak

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



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

Data: 111 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 111  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11a CH165 5825MHz  
 Memo :

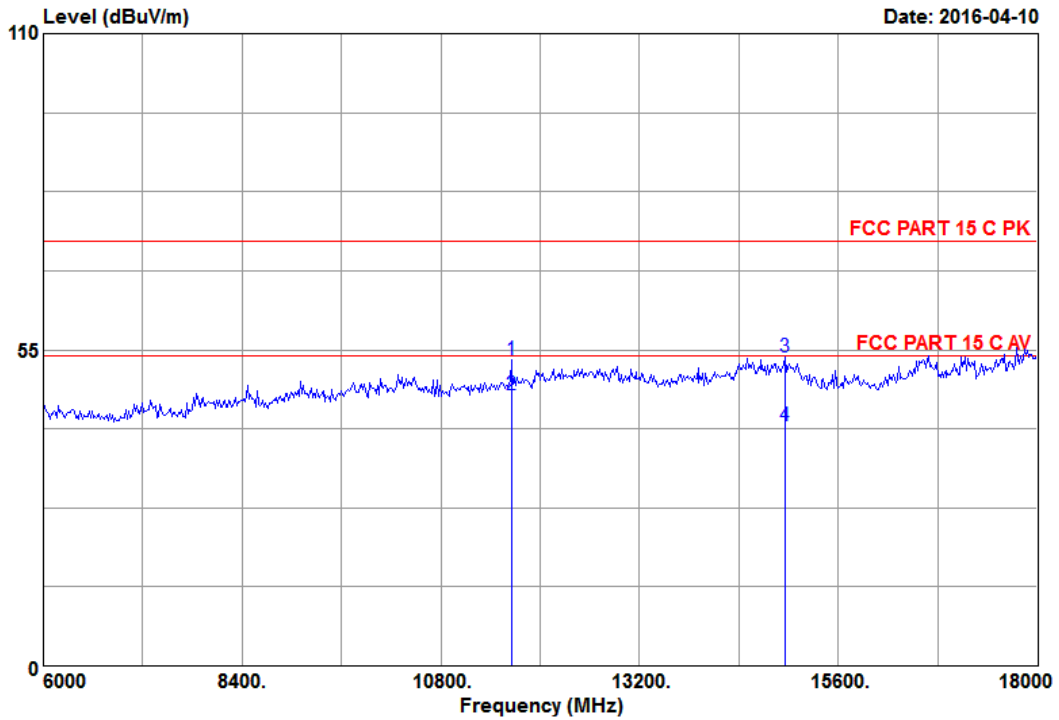
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1198.00	24.00	3.44	50.43	35.35	42.52	74.00	31.48	Peak
2	1199.58	24.00	3.44	32.21	35.35	24.30	54.00	29.70	Average
3	1996.00	27.50	4.61	46.69	34.57	44.23	74.00	29.77	Peak
4	1998.80	27.50	4.61	32.20	34.57	29.74	54.00	24.26	Average
5	3886.00	32.41	6.79	43.03	34.11	48.12	74.00	25.88	Peak
6	3887.25	32.41	6.79	32.40	34.11	37.49	54.00	16.51	Average
7	5818.00	34.12	8.35	88.33	33.90	96.90	74.00	-22.90	Peak

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



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

Data: 110 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 110  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11a CH165 5825MHz  
 Memo :

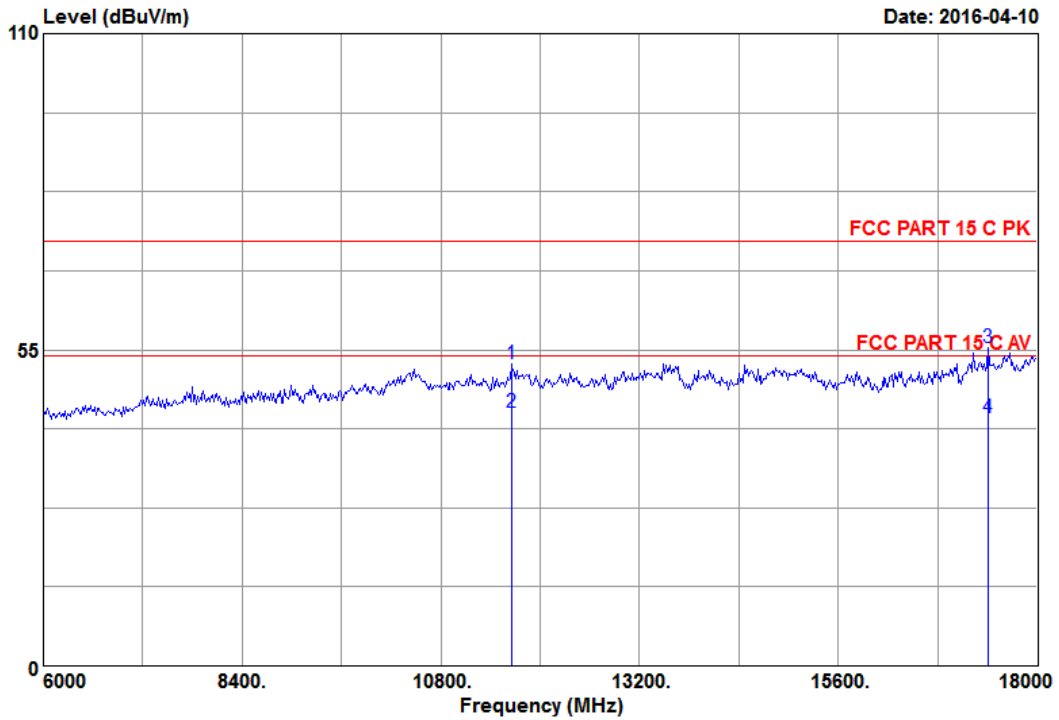
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11648.00	39.32	11.45	36.14	33.75	53.16	74.00	20.84	Peak
2	11649.98	39.32	11.45	30.10	33.75	47.12	54.00	6.88	Average
3	14960.00	41.16	13.15	32.36	32.93	53.74	74.00	20.26	Peak
4	14962.20	41.16	13.16	20.50	32.96	41.86	54.00	12.14	Average

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



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

Data: 112 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 112  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11a CH165 5825MHz  
 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 11648.00	39.32	11.45	35.53	33.75	52.55	74.00	21.45	Peak
2 11649.90	39.32	11.45	27.20	33.75	44.22	54.00	9.78	Average
3 17408.00	43.60	13.86	30.82	32.86	55.42	74.00	18.58	Peak
4 17409.25	43.60	13.86	18.50	32.86	43.10	54.00	10.90	Average

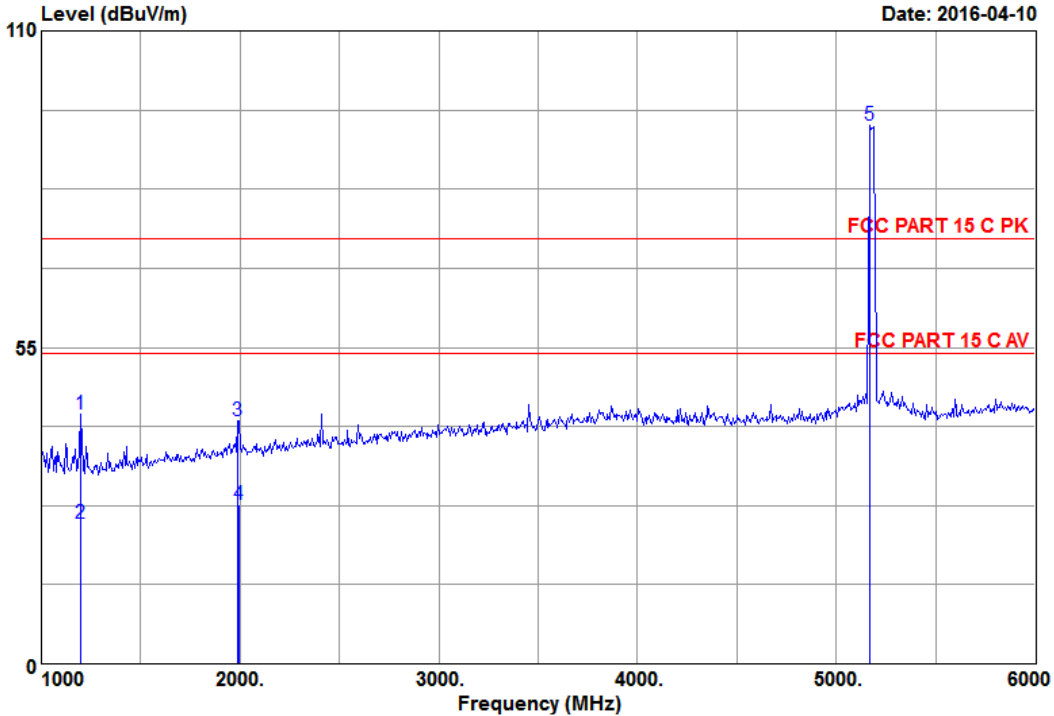
Remarks: 1. Emission Level= Ant.Factor + Cable Loss + Reading - Preamp.Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.

4.7.2. Type of Network : IEEE 802.11n HT20



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

Data: 89 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166) Date: 2016-04-10



Site NO. : 3m Semi-Anechoic Chamber  
 Dis. / Ant. : 3m 3115-62960-150630  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 CH36 5180MHz  
 Memo :  
 Data NO. : 89  
 Ant. pol. : HORIZONTAL  
 Engineer : Mickey

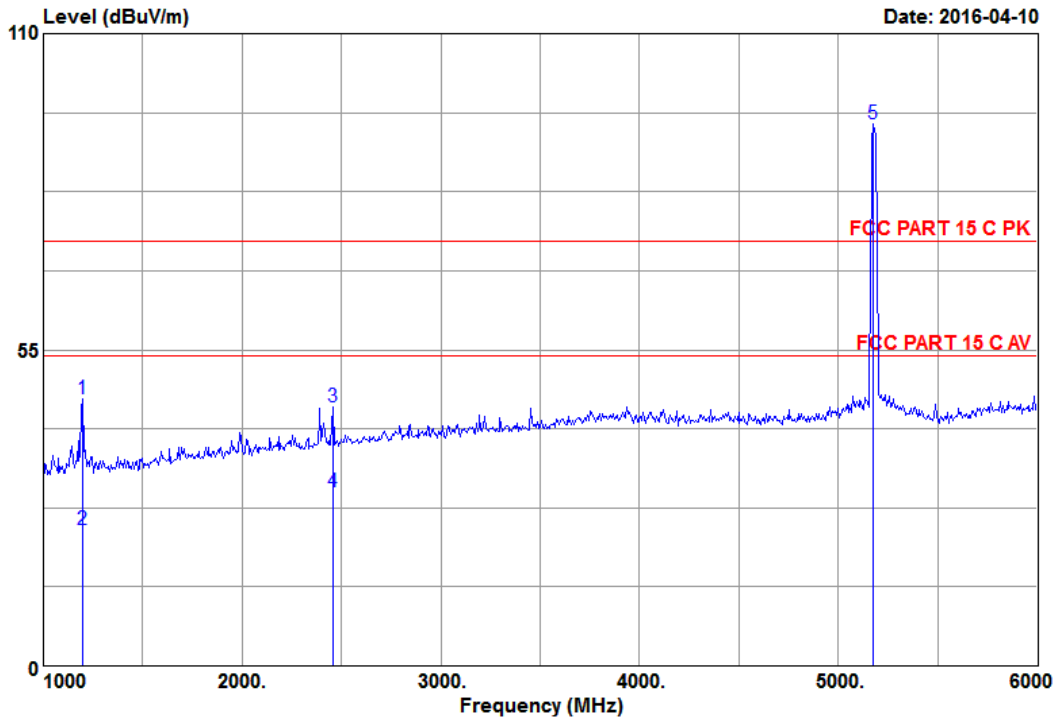
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1198.00	24.00	3.44	51.20	35.35	43.29	74.00	30.71	Peak
2	1199.26	24.00	3.44	32.21	35.35	24.30	54.00	29.70	Average
3	1990.00	27.42	4.61	44.81	34.57	42.27	74.00	31.73	Peak
4	1991.15	27.42	4.61	30.20	34.57	27.66	54.00	26.34	Average
5	5170.00	33.47	7.62	86.50	33.91	93.68	74.00	-19.68	Peak

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



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

Data: 91 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 91  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 CH36 5180MHz  
 Memo :

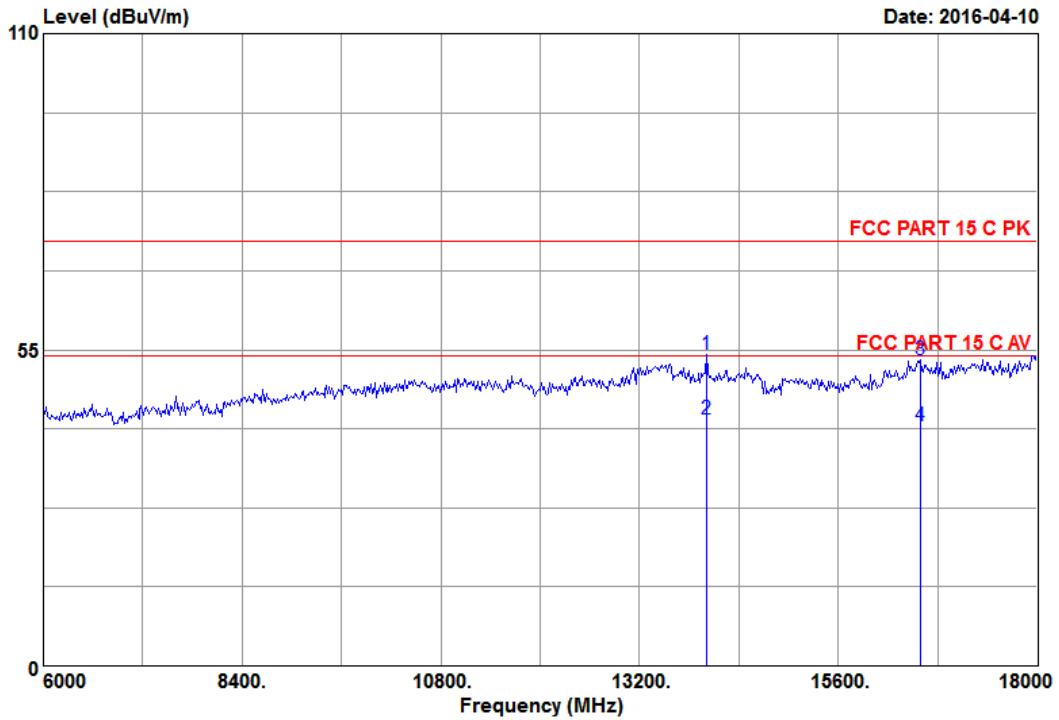
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1198.00	24.00	3.44	54.26	35.35	46.35	74.00	27.65	Peak
2	1199.60	24.00	3.44	31.51	35.35	23.60	54.00	30.40	Average
3	2458.00	28.62	5.15	45.88	34.50	45.15	74.00	28.85	Peak
4	2459.28	28.62	5.15	30.97	34.50	30.24	54.00	23.76	Average
5	5176.00	33.49	7.62	87.03	33.91	94.23	74.00	-20.23	Peak

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



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

Data: 90 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 90  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 CH36 5180MHz  
 Memo :

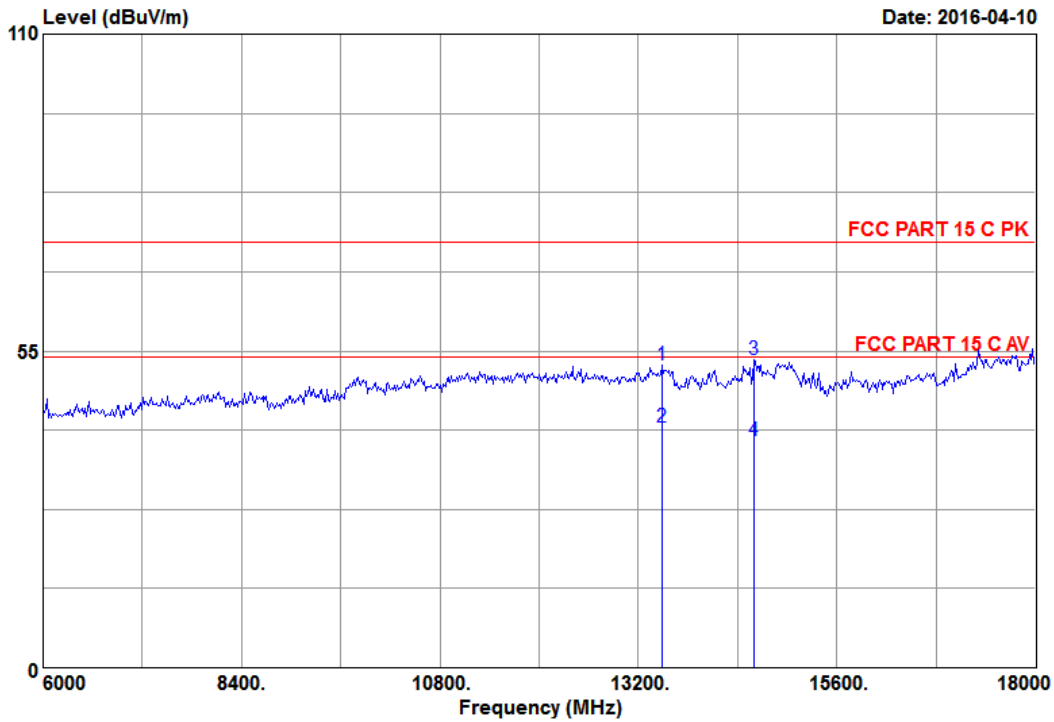
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	14016.00	42.21	12.85	30.81	31.59	54.28	74.00	19.72	Peak
2	14017.14	42.21	12.85	19.50	31.59	42.97	54.00	11.03	Average
3	16592.00	39.61	14.15	32.83	33.30	53.29	74.00	20.71	Peak
4	16593.68	39.61	14.13	21.21	33.27	41.68	54.00	12.32	Average

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



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

Data: 92 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 92  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 CH36 5180MHz  
 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 13488.00	41.10	12.57	31.02	32.04	52.65	74.00	21.35	Peak
2 13489.25	41.10	12.57	20.21	32.04	41.84	54.00	12.16	Average
3 14592.00	42.28	13.04	30.58	32.42	53.48	74.00	20.52	Peak
4 14593.25	42.28	13.04	16.60	32.42	39.50	54.00	14.50	Average

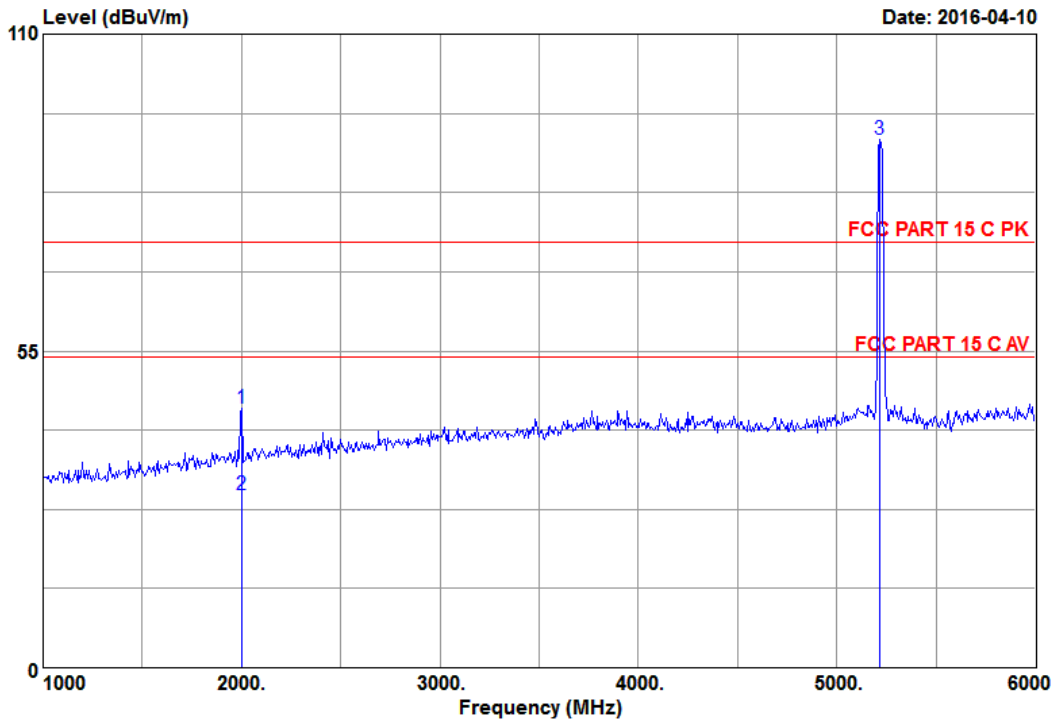
Remarks: 1. Emission Level= Ant.Factor + Cable Loss + Reading - Preamp.Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.





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

Data: 93 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 93  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*CS&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 CH44 5220MHz  
 Memo :

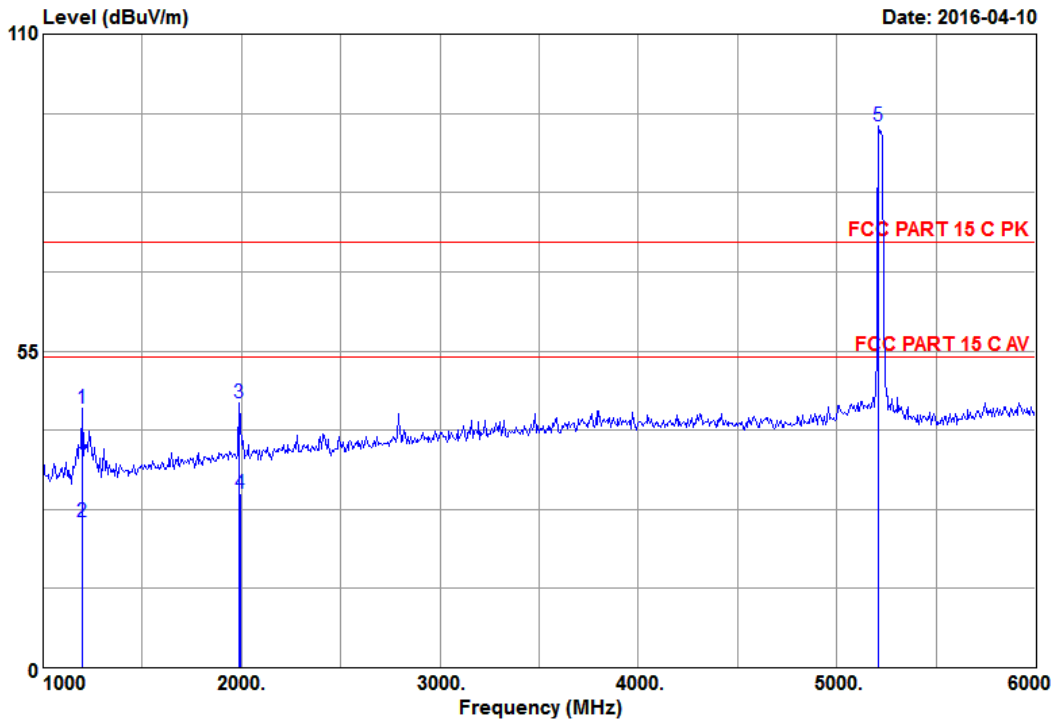
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2002.00	27.50	4.61	47.45	34.57	44.99	74.00	29.01	Peak
2	2003.26	27.50	4.61	32.60	34.57	30.14	54.00	23.86	Average
3	5218.00	33.55	7.65	84.44	33.91	91.73	74.00	-17.73	Peak

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



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

Data: 95 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 95  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*CS&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 CH44 5220MHz  
 Memo :

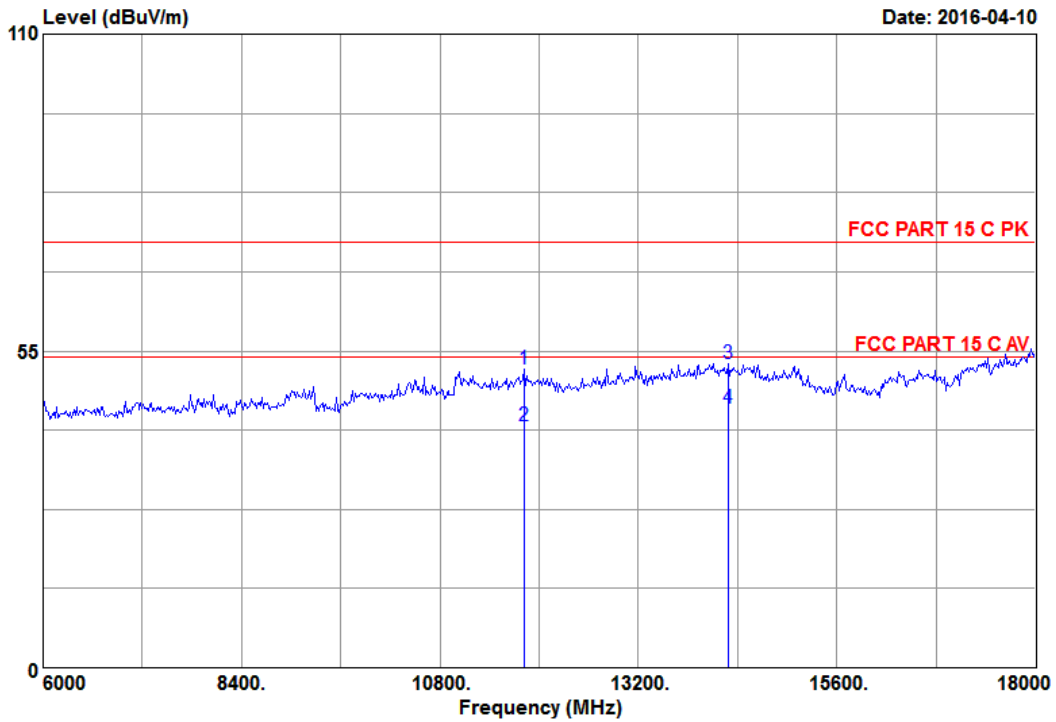
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1198.00	24.00	3.44	53.02	35.35	45.11	74.00	28.89	Peak
2	1199.26	24.00	3.44	33.31	35.35	25.40	54.00	28.60	Average
3	1990.00	27.42	4.61	48.62	34.57	46.08	74.00	27.92	Peak
4	1992.20	27.42	4.61	32.90	34.57	30.36	54.00	23.64	Average
5	5212.00	33.55	7.65	86.81	33.91	94.10	74.00	-20.10	Peak

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



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

Data: 94 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 94  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 CH44 5220MHz  
 Memo :

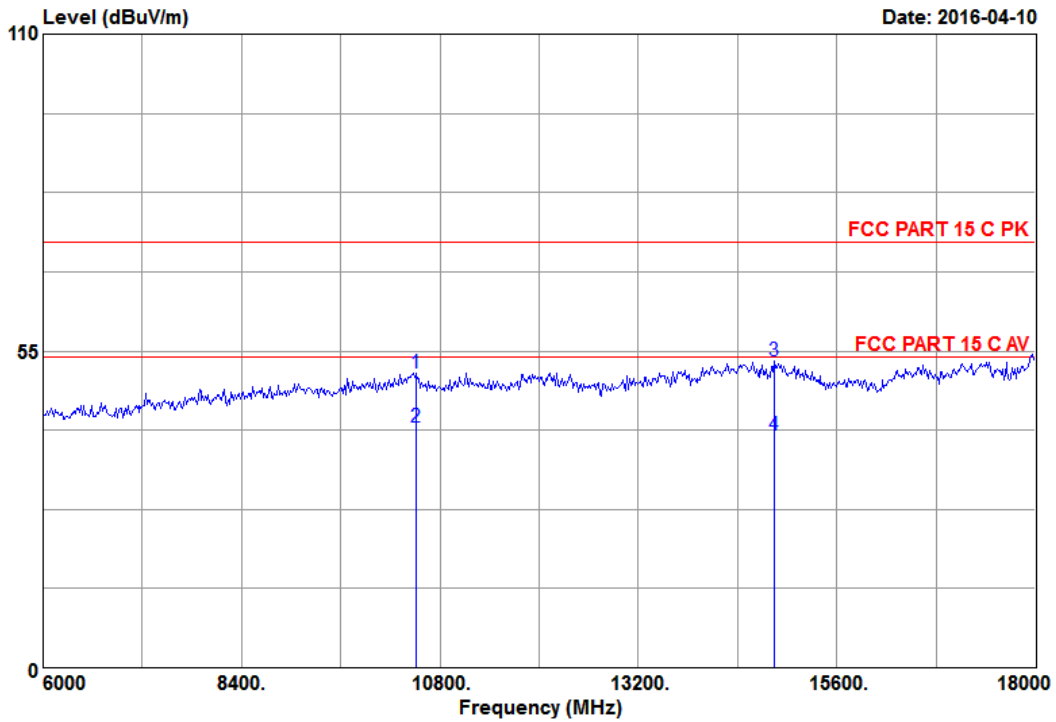
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11824.00	39.20	11.48	34.85	33.78	51.75	74.00	22.25	Peak
2	11825.50	39.20	11.48	25.20	33.78	42.10	54.00	11.90	Average
3	14288.00	42.43	12.94	29.45	31.99	52.83	74.00	21.17	Peak
4	14289.15	42.43	12.94	21.61	31.99	44.99	54.00	9.01	Average

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



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

Data: 96 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 96  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 CH44 5220MHz  
 Memo :

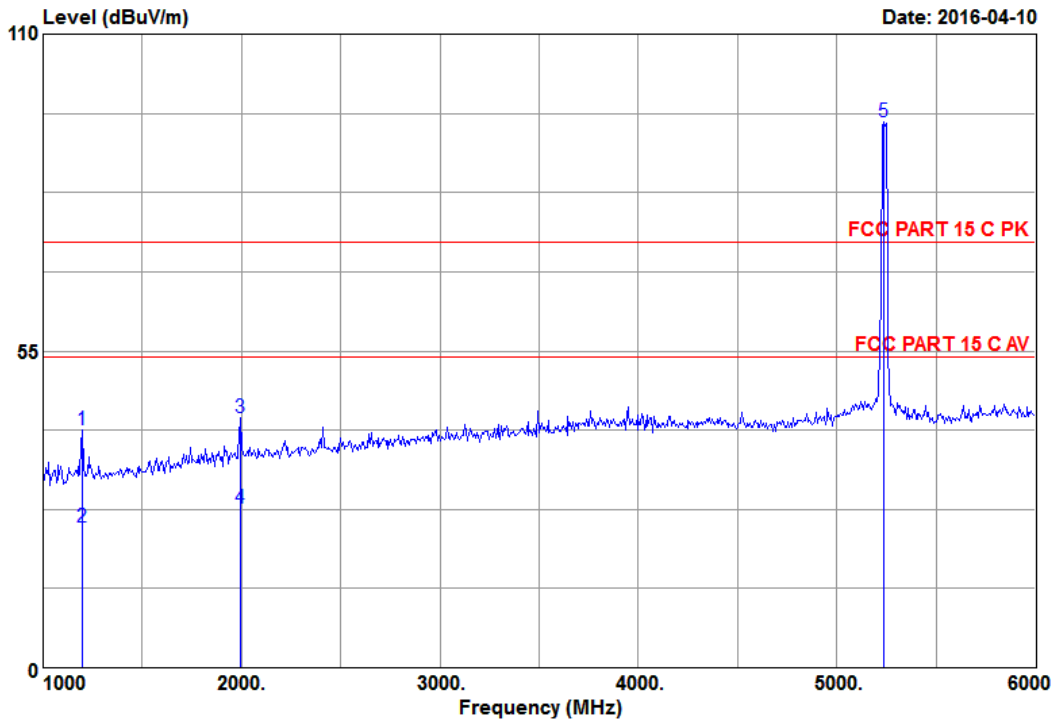
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10512.00	39.58	11.10	34.51	34.04	51.15	74.00	22.85	Peak
2	10513.25	39.58	11.10	25.20	34.04	41.84	54.00	12.16	Average
3	14848.00	41.48	13.12	31.52	32.78	53.34	74.00	20.66	Peak
4	14849.25	41.48	13.12	18.60	32.78	40.42	54.00	13.58	Average

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



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

Data: 97 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 97  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*CS&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 CH48 5240MHz  
 Memo :

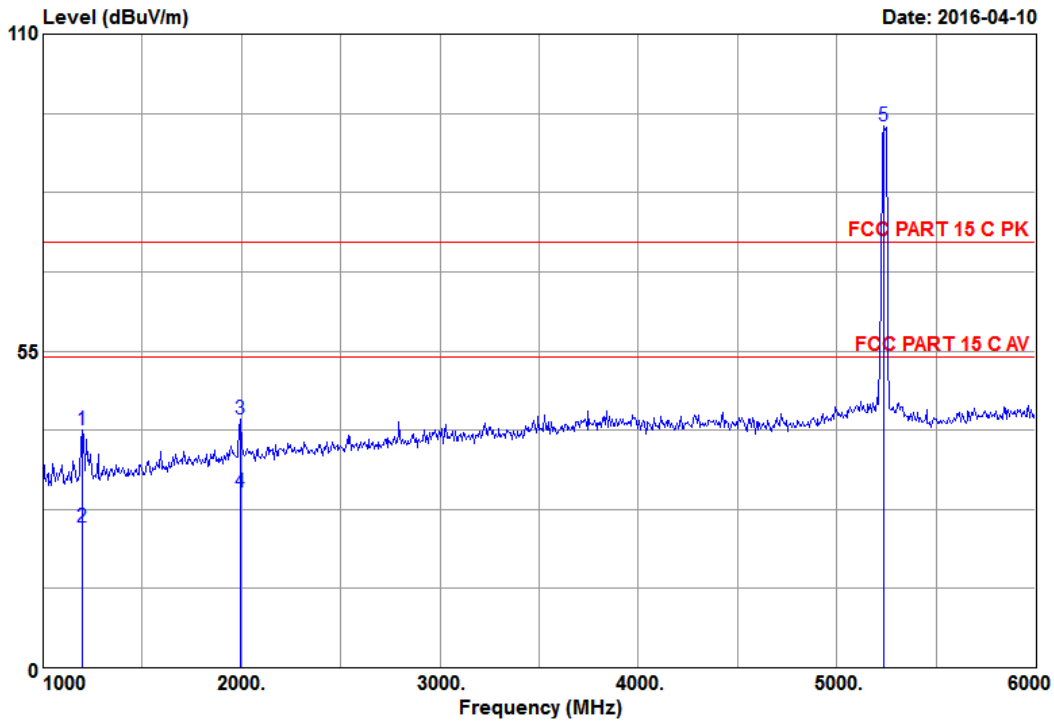
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1198.00	24.00	3.44	49.08	35.35	41.17	74.00	32.83	Peak
2	1199.26	24.00	3.44	32.21	35.35	24.30	54.00	29.70	Average
3	1996.00	27.50	4.61	45.76	34.57	43.30	74.00	30.70	Peak
4	1997.25	27.50	4.61	30.20	34.57	27.74	54.00	26.26	Average
5	5236.00	33.57	7.68	87.47	33.91	94.81	74.00	-20.81	Peak

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



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

Data: 99 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 99  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*CS&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 CH48 5240MHz  
 Memo :

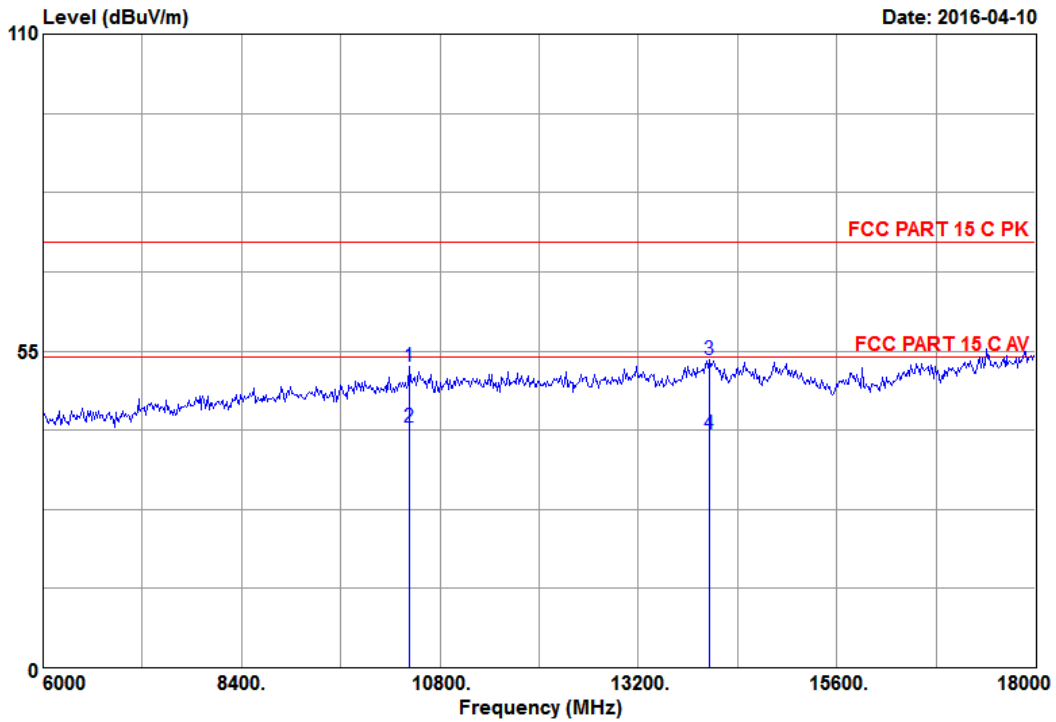
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1198.00	24.00	3.44	49.23	35.35	41.32	74.00	32.68	Peak
2	1199.25	24.00	3.44	32.21	35.35	24.30	54.00	29.70	Average
3	1996.00	27.50	4.61	45.61	34.57	43.15	74.00	30.85	Peak
4	1997.25	27.50	4.61	32.90	34.57	30.44	54.00	23.56	Average
5	5236.00	33.57	7.68	86.69	33.91	94.03	74.00	-20.03	Peak

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



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

Data: 98 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 98  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 CH48 5240MHz  
 Memo :

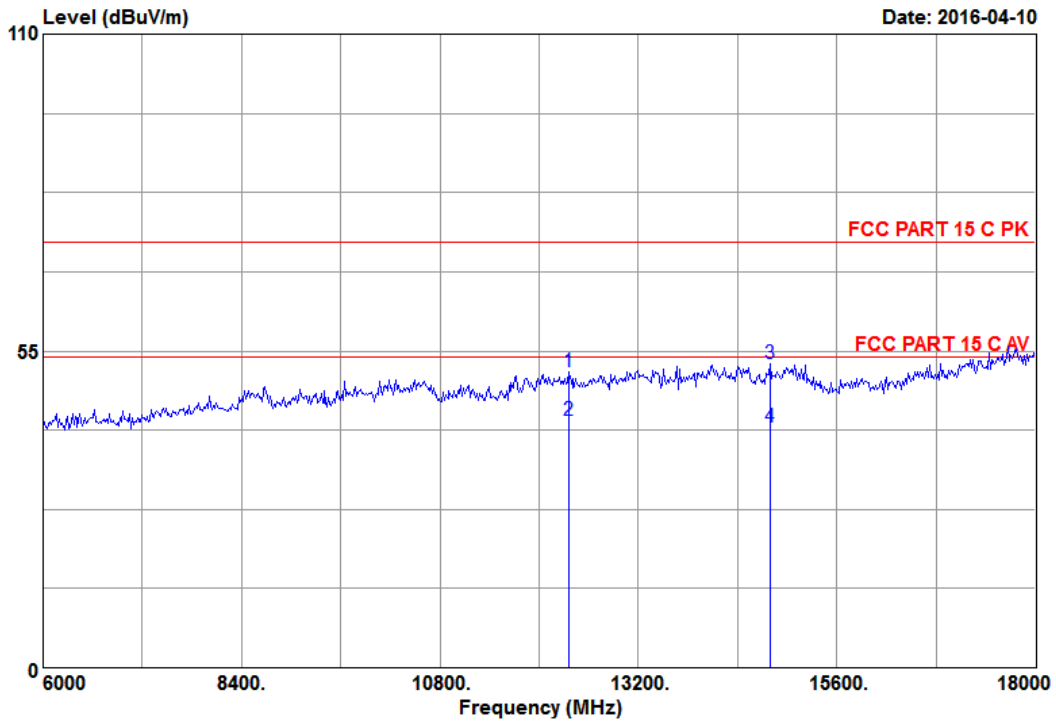
Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1 10432.00	39.49	11.06	35.87	34.11	52.31	74.00	21.69	Peak
2 10433.25	39.49	11.06	25.21	34.11	41.65	54.00	12.35	Average
3 14064.00	42.24	12.87	30.12	31.66	53.57	74.00	20.43	Peak
4 14065.25	42.26	12.87	17.19	31.66	40.66	54.00	13.34	Average

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



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

Data: 100 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 100  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 CH48 5240MHz  
 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 12352.00	38.88	11.79	34.06	33.34	51.39	74.00	22.61	Peak
2 12353.32	38.88	11.79	25.51	33.34	42.84	54.00	11.16	Average
3 14800.00	41.64	13.10	30.80	32.71	52.83	74.00	21.17	Peak
4 14801.25	41.64	13.10	19.80	32.71	41.83	54.00	12.17	Average

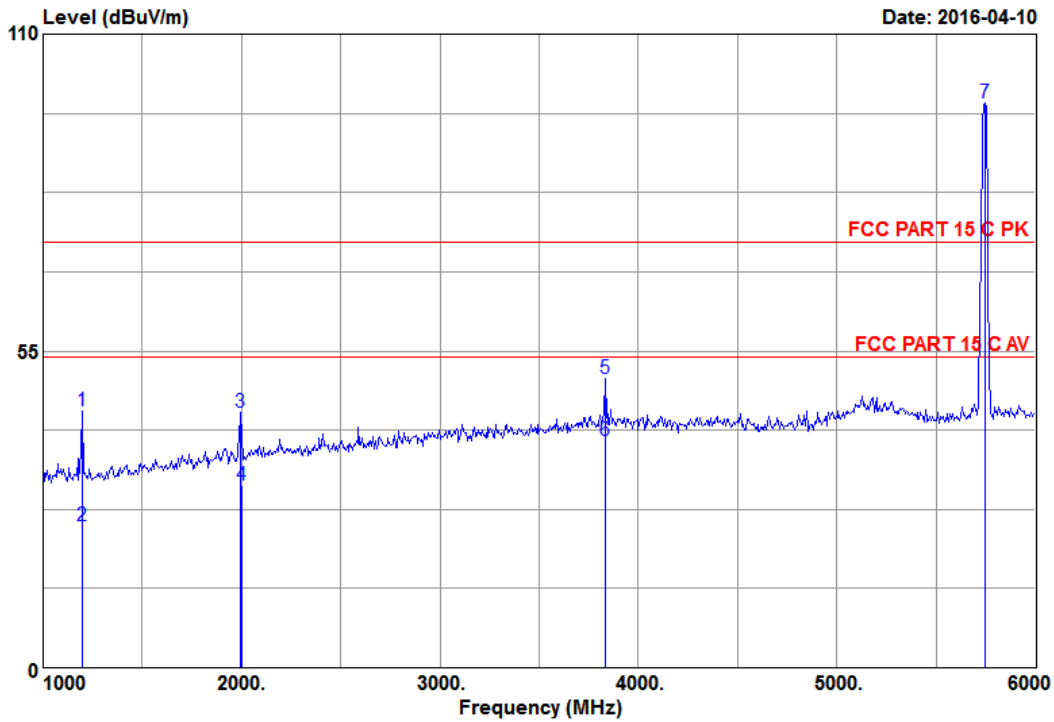
Remarks: 1. Emission Level= Ant.Factor + Cable Loss + Reading - Preamp.Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.





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

Data: 113 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Date: 2016-04-10

Site NO. : 3m Semi-Anechoic Chamber Data NO. : 113  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 CH149 5745MHz  
 Memo :

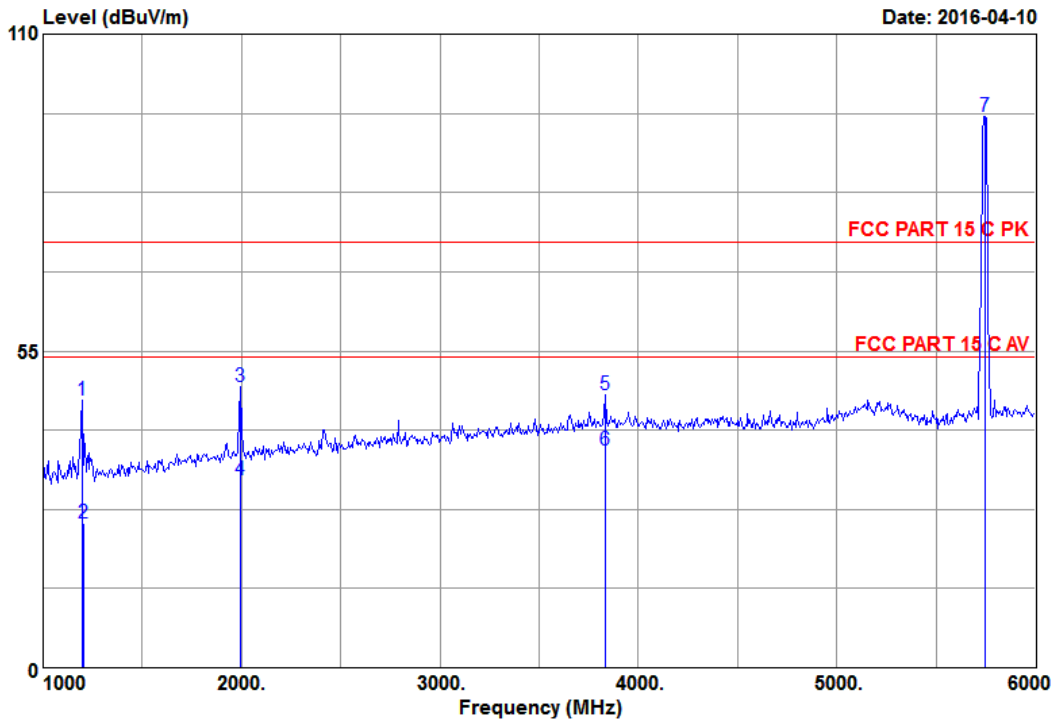
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1198.00	24.00	3.44	52.51	35.35	44.60	74.00	29.40	Peak
2	1199.98	24.00	3.44	32.61	35.35	24.70	54.00	29.30	Average
3	1996.00	27.50	4.61	46.74	34.57	44.28	74.00	29.72	Peak
4	1998.25	27.50	4.61	34.20	34.57	31.74	54.00	22.26	Average
5	3832.00	32.27	6.73	45.44	34.13	50.31	74.00	23.69	Peak
6	3833.69	32.27	6.73	34.50	34.13	39.37	54.00	14.63	Average
7	5746.00	34.10	8.26	89.50	33.90	97.96	74.00	-23.96	Peak

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



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

Data: 115 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 115  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 CH149 5745MHz  
 Memo :

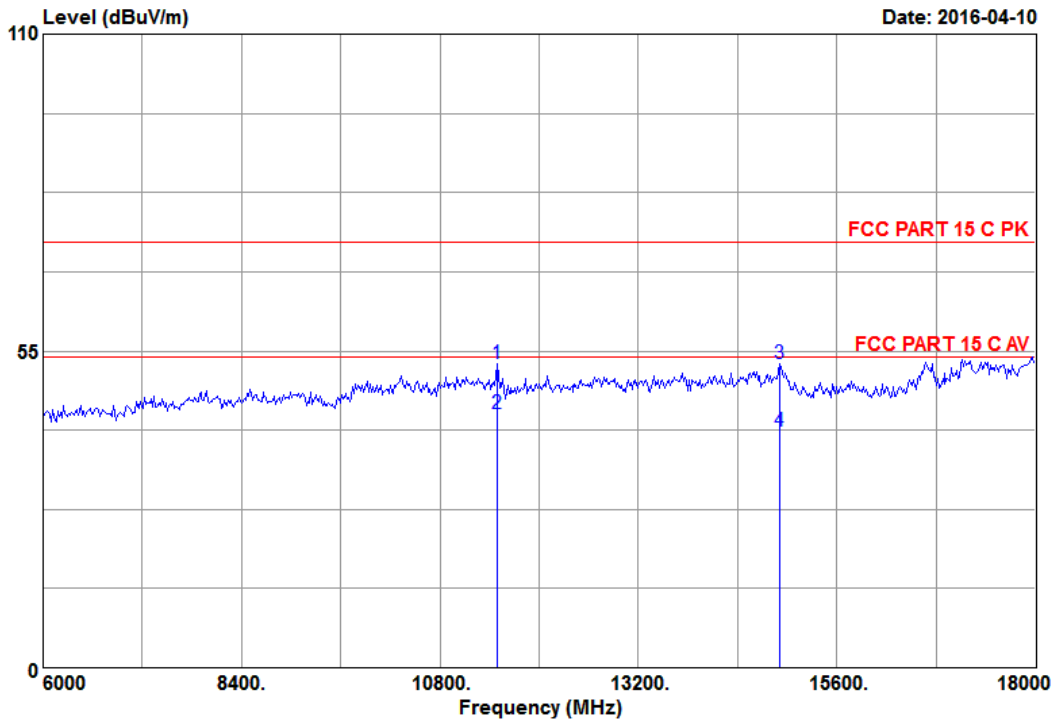
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1198.00	24.00	3.44	54.44	35.35	46.53	74.00	27.47	Peak
2	1201.20	24.00	3.44	32.91	35.35	25.00	54.00	29.00	Average
3	1996.00	27.50	4.61	51.21	34.57	48.75	74.00	25.25	Peak
4	1997.25	27.50	4.61	35.10	34.57	32.64	54.00	21.36	Average
5	3832.00	32.27	6.73	42.61	34.13	47.48	74.00	26.52	Peak
6	3835.25	32.27	6.73	32.90	34.13	37.77	54.00	16.23	Average
7	5746.00	34.10	8.26	87.27	33.90	95.73	74.00	-21.73	Peak

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



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

Data: 114 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 114  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 CH149 5745MHz  
 Memo :

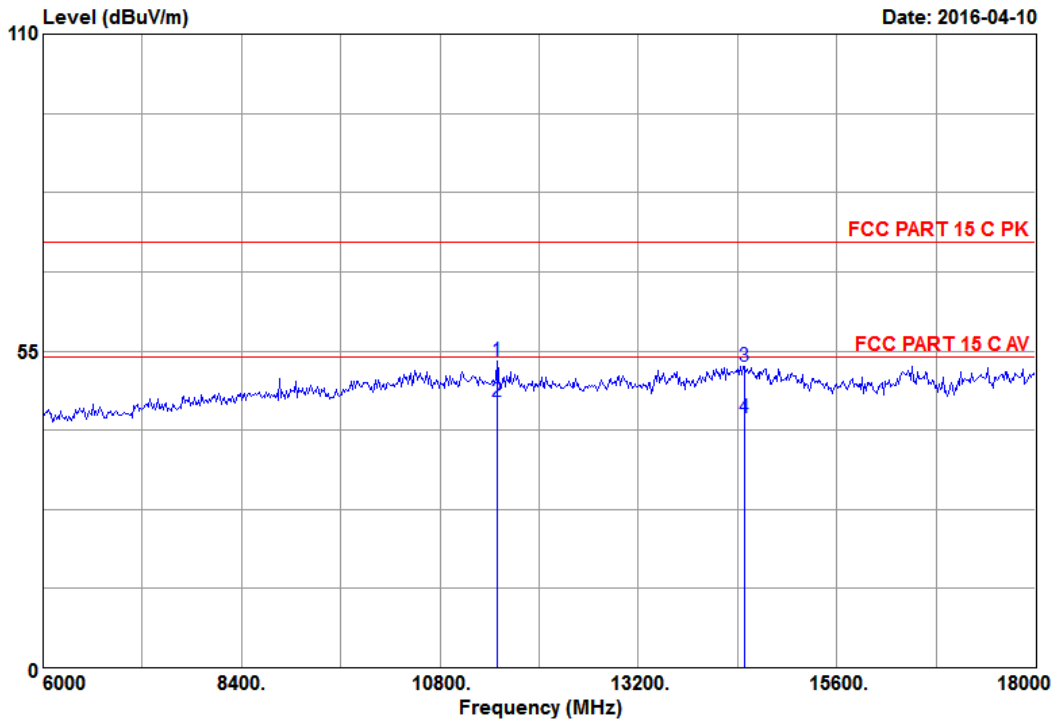
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11488.00	39.39	11.42	35.74	33.72	52.83	74.00	21.17	Peak
2	11489.69	39.39	11.42	26.90	33.72	43.99	54.00	10.01	Average
3	14912.00	41.32	13.15	31.14	32.89	52.72	74.00	21.28	Peak
4	14913.25	41.32	13.15	19.49	32.89	41.07	54.00	12.93	Average

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



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

Data: 116 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 116  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 CH149 5745MHz  
 Memo :

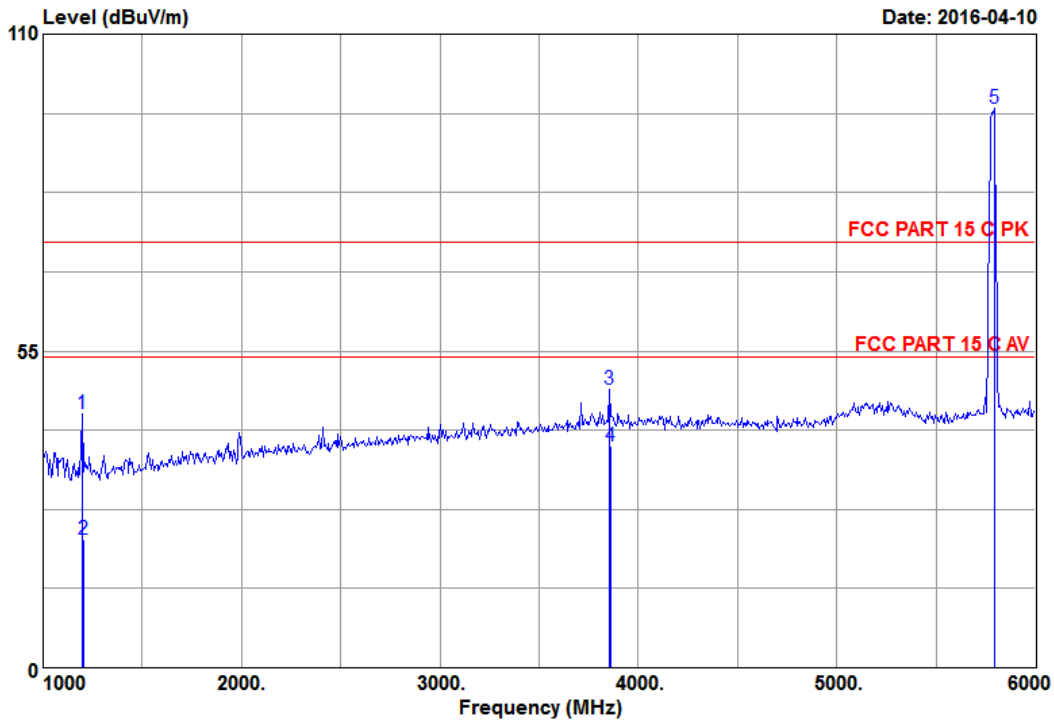
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11488.00	39.39	11.42	36.15	33.72	53.24	74.00	20.76	Peak
2	11489.98	39.39	11.42	29.20	33.72	46.29	54.00	7.71	Average
3	14480.00	42.59	13.01	29.01	32.28	52.33	74.00	21.67	Peak
4	14482.30	42.59	13.01	20.20	32.28	43.52	54.00	10.48	Average

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



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

Data: 117 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 117  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 CH157 5785MHz  
 Memo :

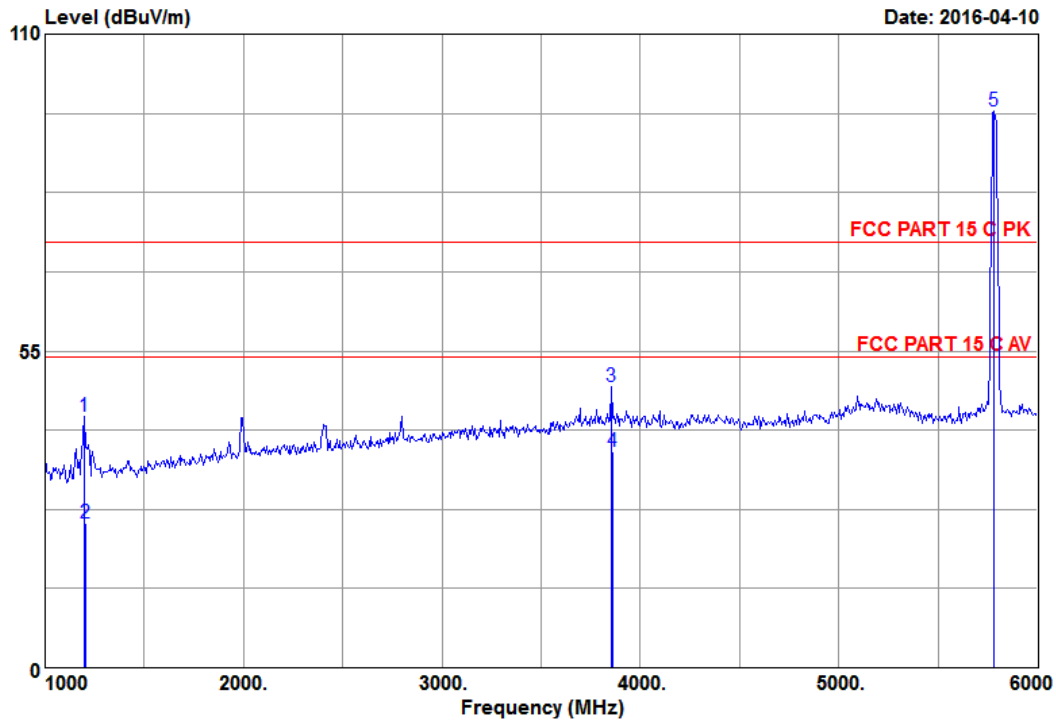
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1198.00	24.00	3.44	51.97	35.35	44.06	74.00	29.94	Peak
2	1202.20	24.00	3.44	30.31	35.35	22.40	54.00	31.60	Average
3	3856.00	32.31	6.76	43.44	34.12	48.39	74.00	25.61	Peak
4	3858.25	32.31	6.76	33.60	34.12	38.55	54.00	15.45	Average
5	5794.00	34.12	8.32	88.61	33.90	97.15	74.00	-23.15	Peak

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



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

Data: 119 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Date: 2016-04-10

Site NO. : 3m Semi-Anechoic Chamber  
 Dis. / Ant. : 3m 3115-62960-150630  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 CH157 5785MHz  
 Memo :  
 Data NO. : 119  
 Ant. pol. : VERTICAL  
 Engineer : Mickey

	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1198.00	24.00	3.44	51.61	35.35	43.70	74.00	30.30	Peak
2	1203.20	24.00	3.44	32.91	35.35	25.00	54.00	29.00	Average
3	3856.00	32.31	6.76	43.80	34.12	48.75	74.00	25.25	Peak
4	3858.25	32.31	6.76	32.50	34.12	37.45	54.00	16.55	Average
5	5782.00	34.11	8.32	88.18	33.90	96.71	74.00	-22.71	Peak

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

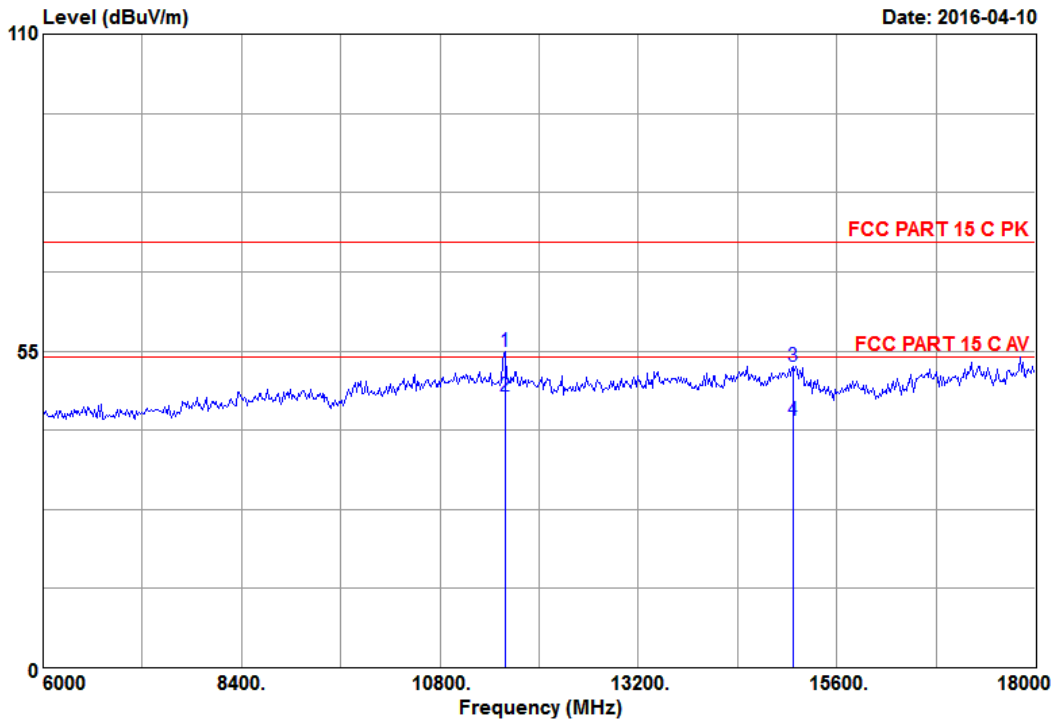


Audix Technology(Wujiang)Co.,Ltd.  
 No.1289,Jiang Xing East Road,The Eastern Part of Wu Jiang  
 Economic Development Zone,JiangSu,China  
 Tel:(0512)63403993 Fax:(0512)63403993

Data: 118

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

Date: 2016-04-10



Site NO. : 3m Semi-Anechoic Chamber  
 Dis. / Ant. : 3m 3115-62960-150630  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 CH157 5785MHz  
 Memo :  
 Data NO. : 118  
 Ant. pol. : HORIZONTAL  
 Engineer : Mickey

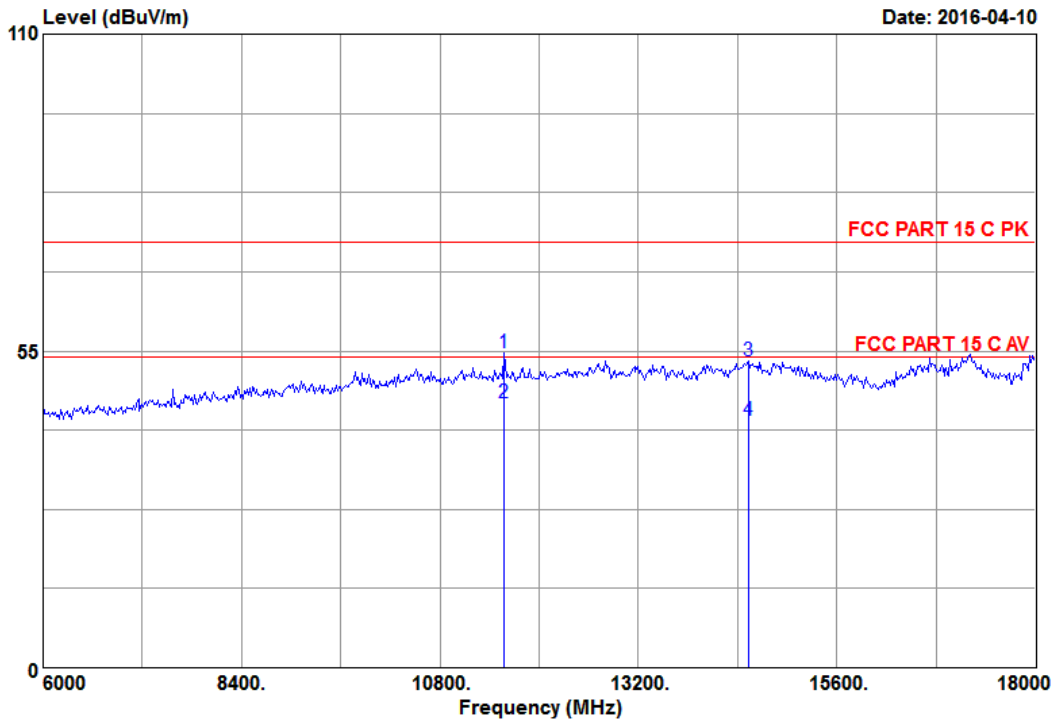
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11584.00	39.35	11.44	37.91	33.74	54.96	74.00	19.04	Peak
2	11586.32	39.35	11.44	30.20	33.74	47.25	54.00	6.75	Average
3	15072.00	40.61	13.27	31.56	33.08	52.36	74.00	21.64	Peak
4	15073.60	40.61	13.27	22.21	33.08	43.01	54.00	10.99	Average

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



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

Data: 120 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Date: 2016-04-10

Site NO. : 3m Semi-Anechoic Chamber Data NO. : 120  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 CH157 5785MHz  
 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 11568.00	39.36	11.44	37.57	33.74	54.63	74.00	19.37	Peak
2 11568.25	39.36	11.44	28.98	33.74	46.04	54.00	7.96	Average
3 14528.00	42.49	13.02	30.13	32.35	53.29	74.00	20.71	Peak
4 14529.69	42.49	13.02	19.81	32.35	42.97	54.00	11.03	Average

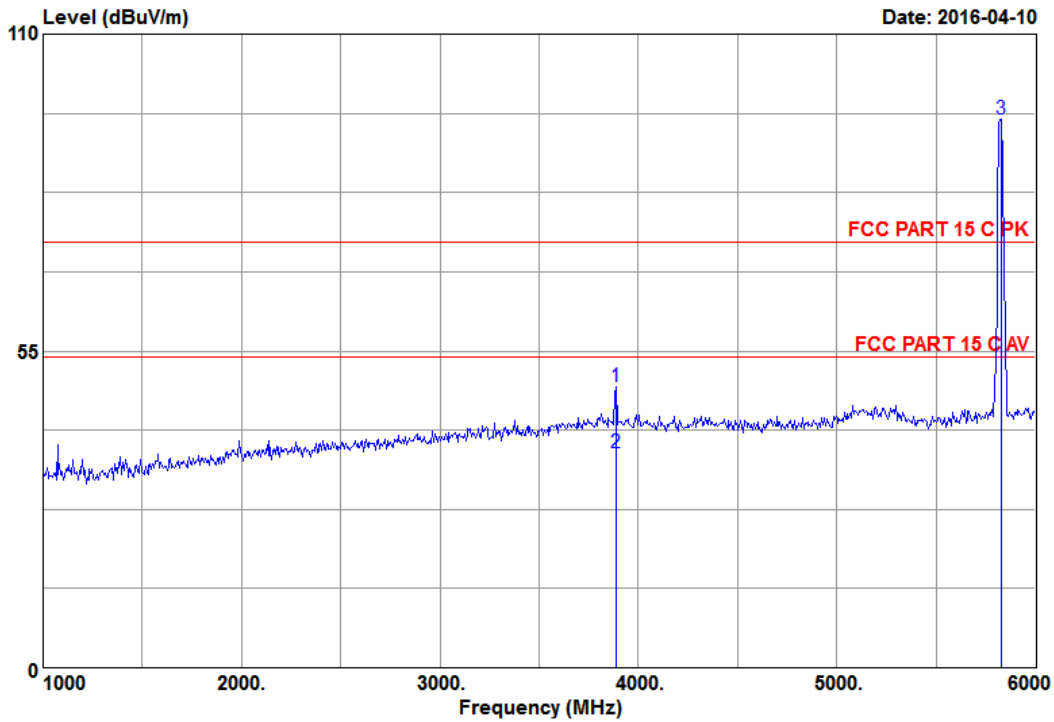
Remarks: 1. Emission Level= Ant.Factor + Cable Loss + Reading - Preamp.Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.





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

Data: 121 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Date: 2016-04-10

Site NO. : 3m Semi-Anechoic Chamber Data NO. : 121  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 CH165 5825MHz  
 Memo :

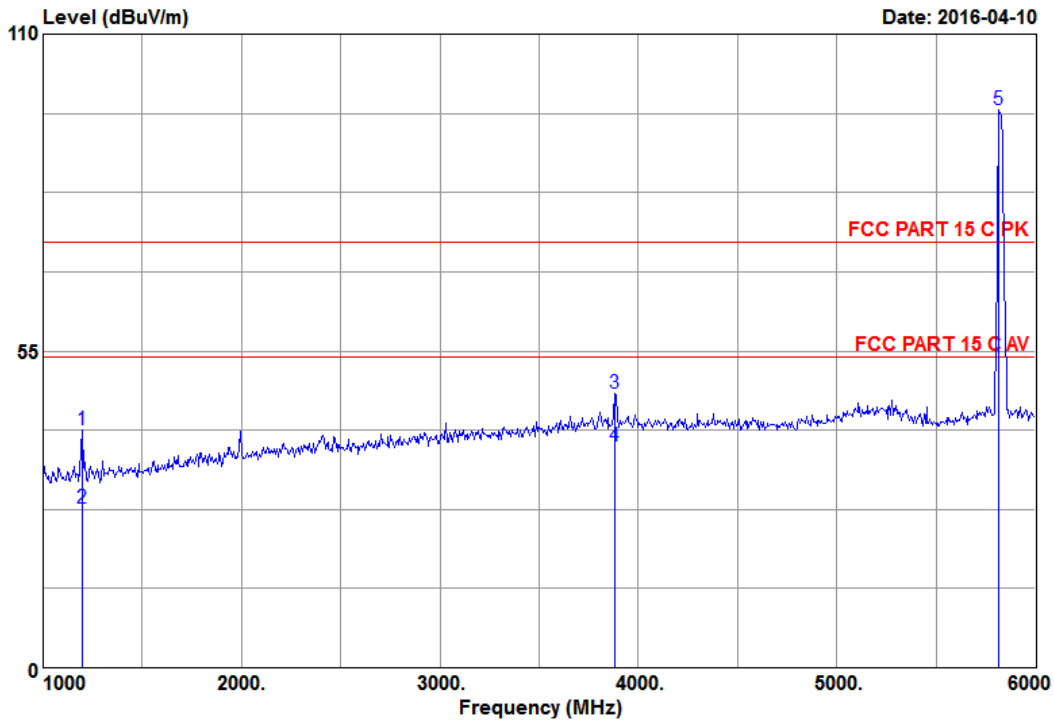
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	3886.00	32.41	6.79	43.66	34.11	48.75	74.00	25.25	Peak
2	3889.60	32.41	6.79	32.30	34.11	37.39	54.00	16.61	Average
3	5830.00	34.13	8.35	86.76	33.90	95.34	74.00	-21.34	Peak

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



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

Data: 123 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 123  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 CH165 5825MHz  
 Memo :

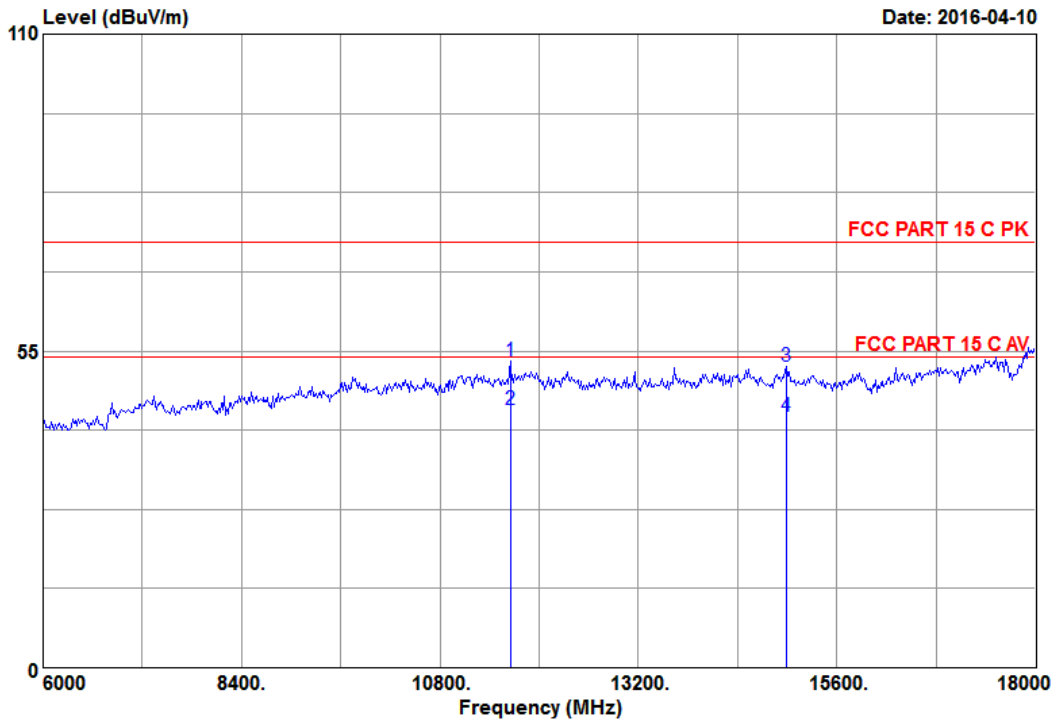
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1198.00	24.00	3.44	49.13	35.35	41.22	74.00	32.78	Peak
2	1199.69	24.00	3.44	35.51	35.35	27.60	54.00	26.40	Average
3	3880.00	32.36	6.79	42.62	34.11	47.66	74.00	26.34	Peak
4	3882.69	32.41	6.79	33.30	34.11	38.39	54.00	15.61	Average
5	5818.00	34.12	8.35	88.20	33.90	96.77	74.00	-22.77	Peak

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



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

Data: 122 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Date: 2016-04-10

Site NO. : 3m Semi-Anechoic Chamber Data NO. : 122  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 CH165 5825MHz  
 Memo :

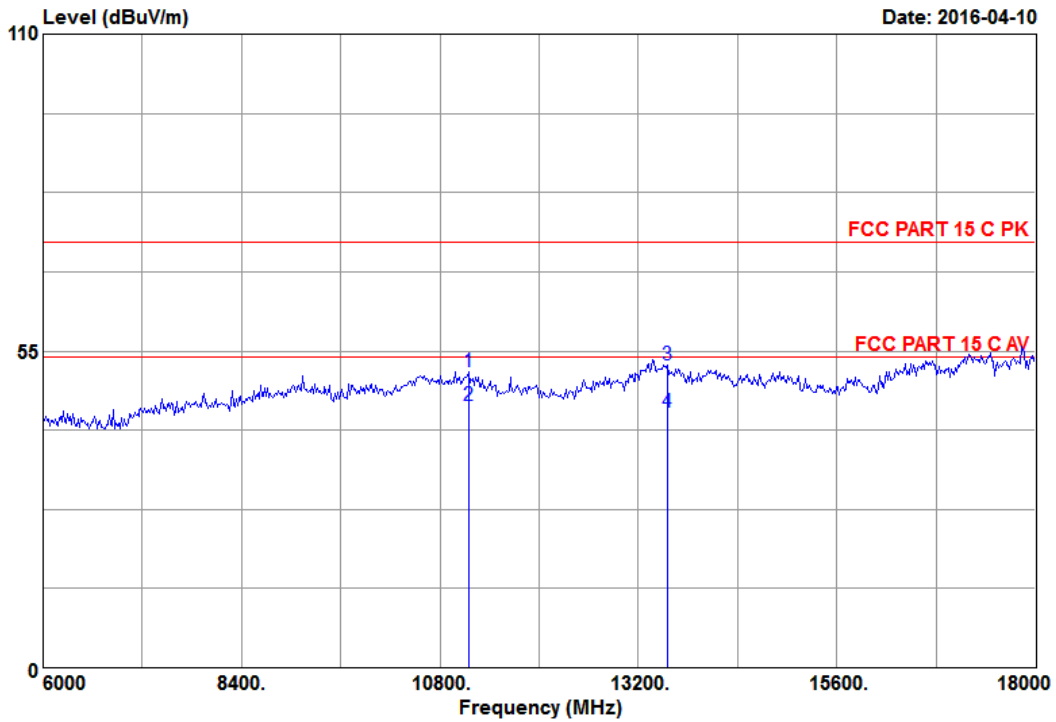
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11648.00	39.32	11.45	36.16	33.75	53.18	74.00	20.82	Peak
2	11649.60	39.32	11.45	27.80	33.75	44.82	54.00	9.18	Average
3	14992.00	41.05	13.17	31.12	33.00	52.34	74.00	21.66	Peak
4	14993.69	41.05	13.17	22.30	33.00	43.52	54.00	10.48	Average

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



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

Data: 124 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 124  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 CH165 5825MHz  
 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	11152.00	39.19	11.37	34.52	33.67	51.41	74.00	22.59	Peak
2	11153.60	39.19	11.37	28.52	33.67	45.41	54.00	8.59	Average
3	13552.00	41.21	12.60	30.71	31.99	52.53	74.00	21.47	Peak
4	13553.60	41.21	12.60	22.60	31.99	44.42	54.00	9.58	Average

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

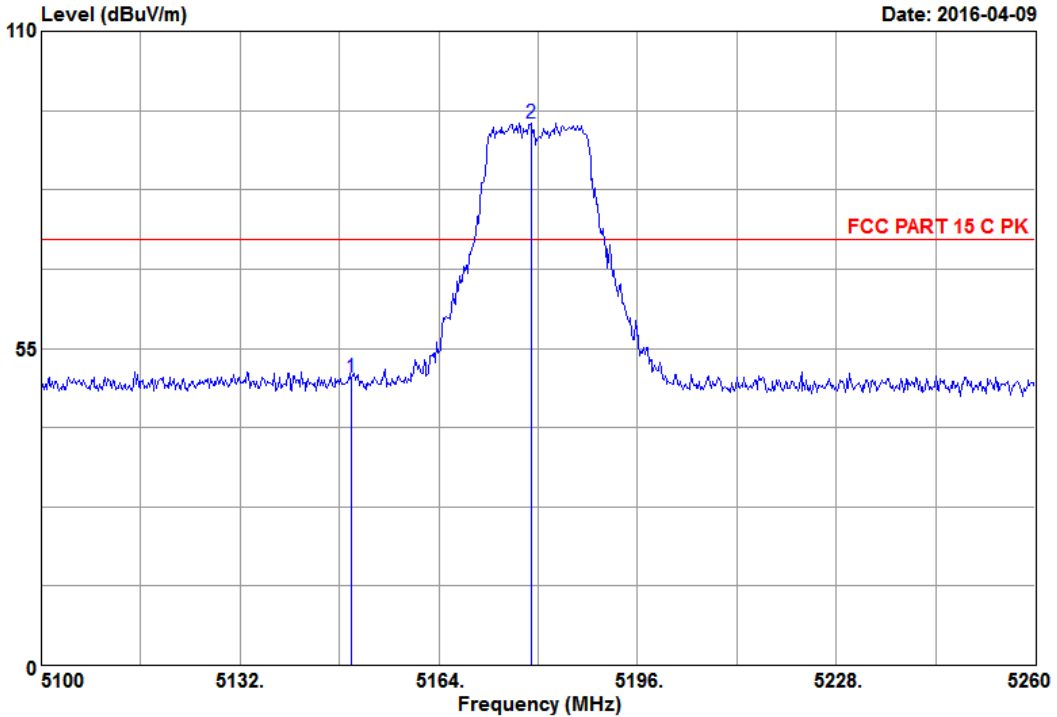
4.8. Spurious Emission Measurement Results in Band Edge Emission (FCC Part 15, 15.205)

4.8.1. IEEE 802.11n HT20



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

Data: 25 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166) Date: 2016-04-09



Site NO. : 3m Semi-Anechoic Chamber  
 Dis. / Ant. : 3m 3115-62960-150630  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11a CH36 5180MHz  
 Memo :  
 Data NO. : 25  
 Ant. pol. : HORIZONTAL  
 Engineer : Mickey

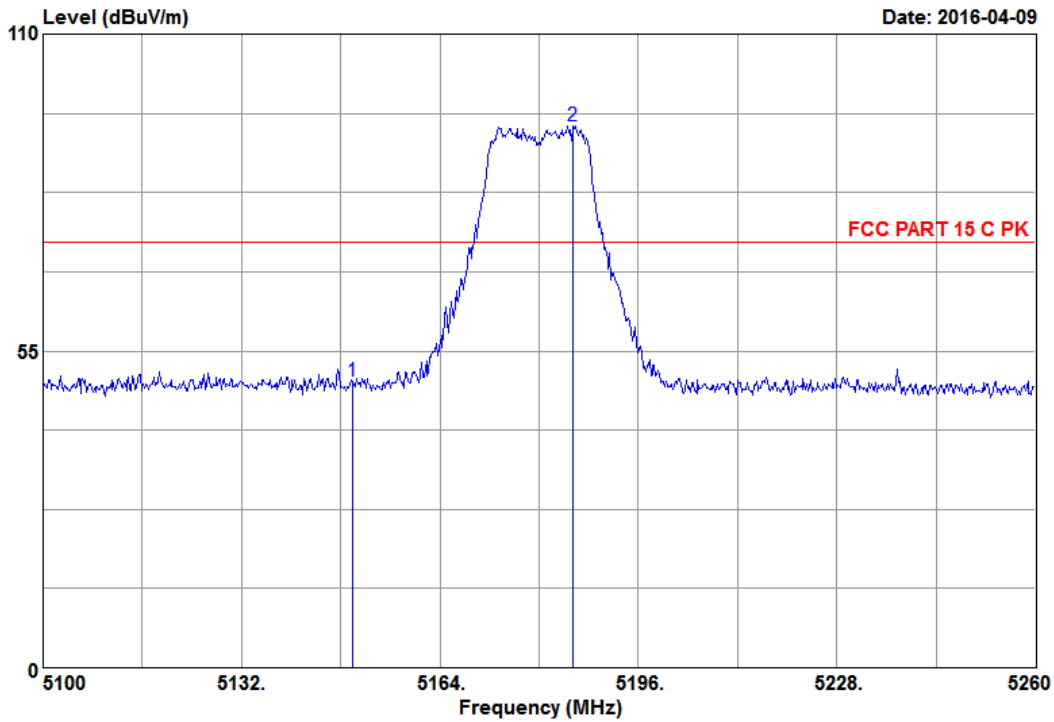
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	33.44	7.59	42.97	33.92	50.08	74.00	23.92	Peak
2	5178.80	33.49	7.62	86.79	33.91	93.99	74.00	-19.99	Peak

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



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

Data: 26 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 26  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*CS&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11a CH36 5180MHz  
 Memo :

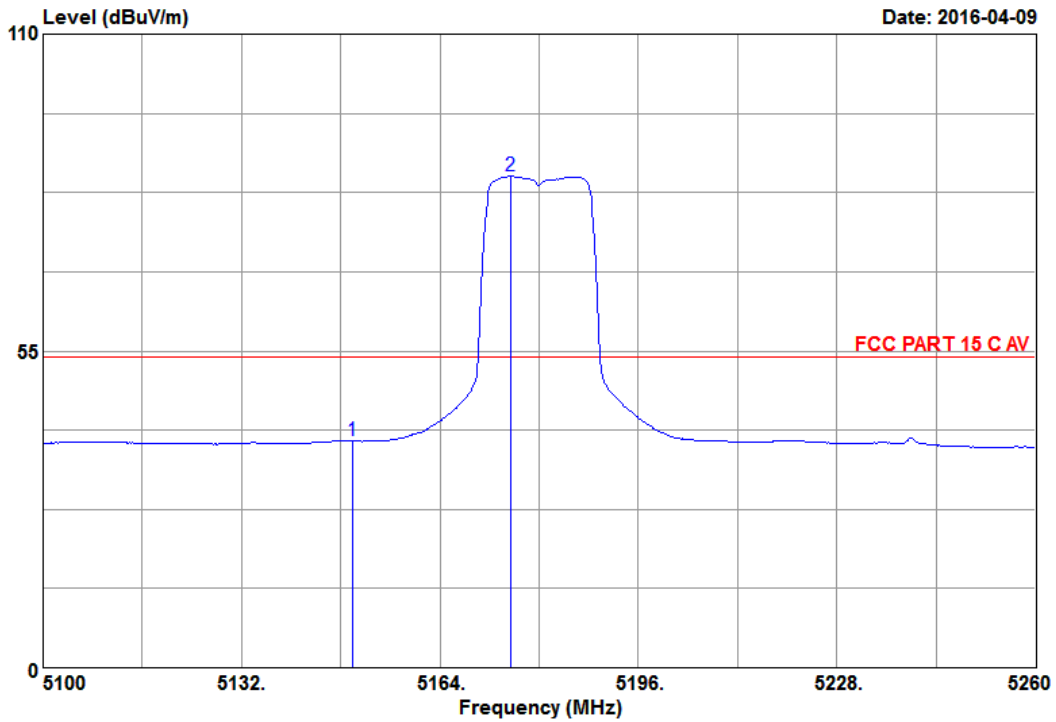
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	33.44	7.59	42.59	33.92	49.70	74.00	24.30	Peak
2	5185.40	33.49	7.62	86.96	33.91	94.16	74.00	-20.16	Peak

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



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

Data: 27 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 27  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C AV  
 Env. / Ins. : 21.8\*CS&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11a CH36 5180MHz  
 Memo :

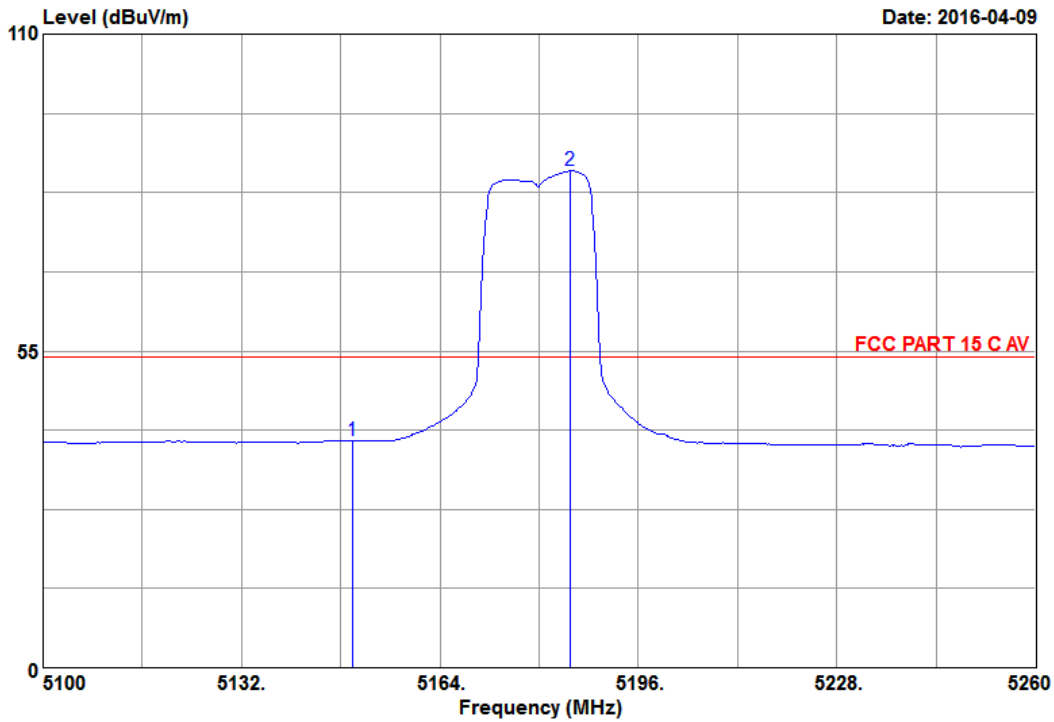
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	33.44	7.59	32.24	33.92	39.35	54.00	14.65	Average
2	5175.40	33.49	7.62	78.12	33.91	85.32	54.00	-31.32	Average

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



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

Data: 28 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 28  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 C AV  
 Env. / Ins. : 21.8\*CS&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11a CH36 5180MHz  
 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	5150.00	33.44	7.59	32.30	33.92	39.41	54.00	14.59	Average
2	5185.00	33.49	7.62	79.07	33.91	86.27	54.00	-32.27	Average

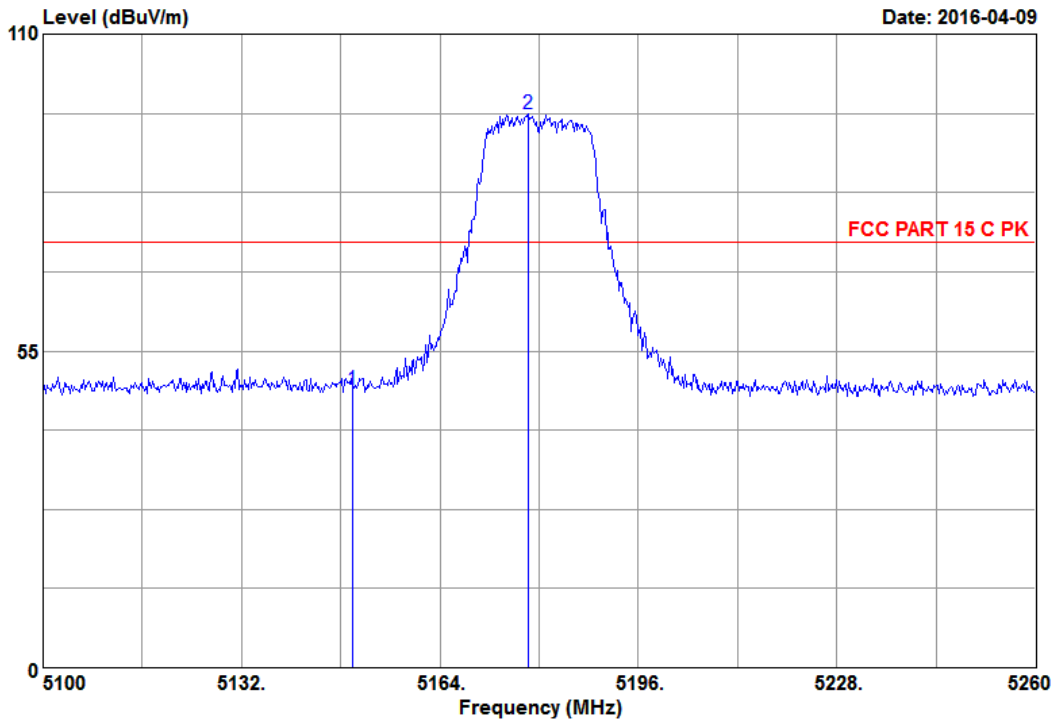
Remarks: 1. Emission Level= Ant.Factor + Cable Loss + Reading - Preamp.Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.





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

Data: 29 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 29  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*CS&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 5180MHz  
 Memo :

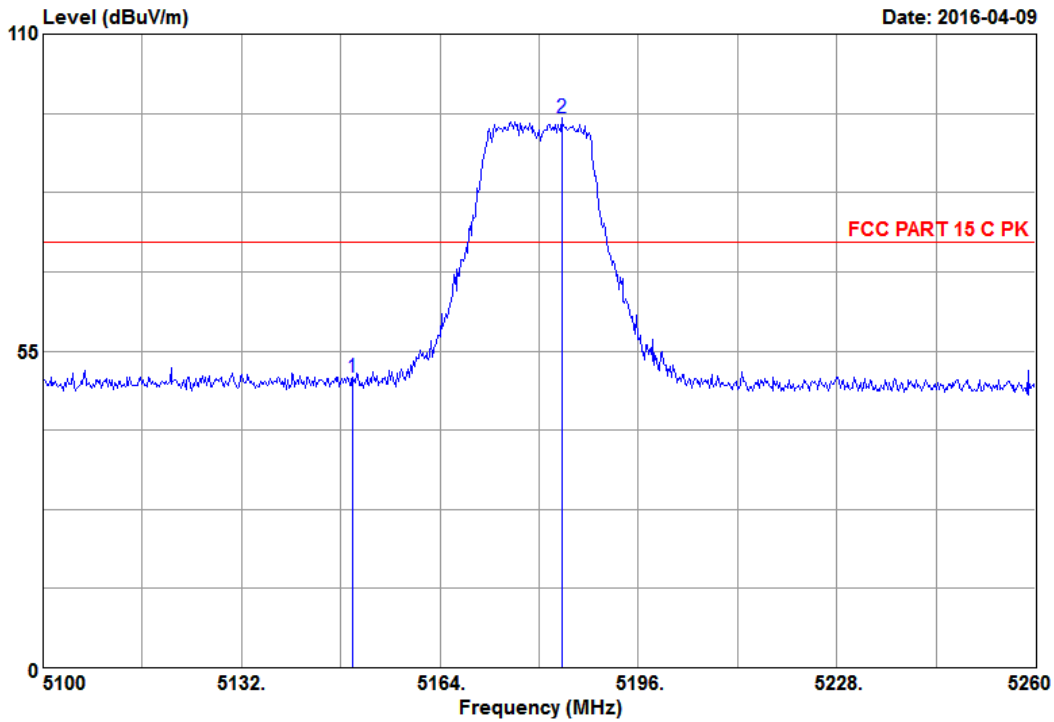
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	33.44	7.59	41.32	33.92	48.43	74.00	25.57	Peak
2	5178.20	33.49	7.62	88.86	33.91	96.06	74.00	-22.06	Peak

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



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

Data: 30 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 30  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*CS&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 5180MHz  
 Memo :

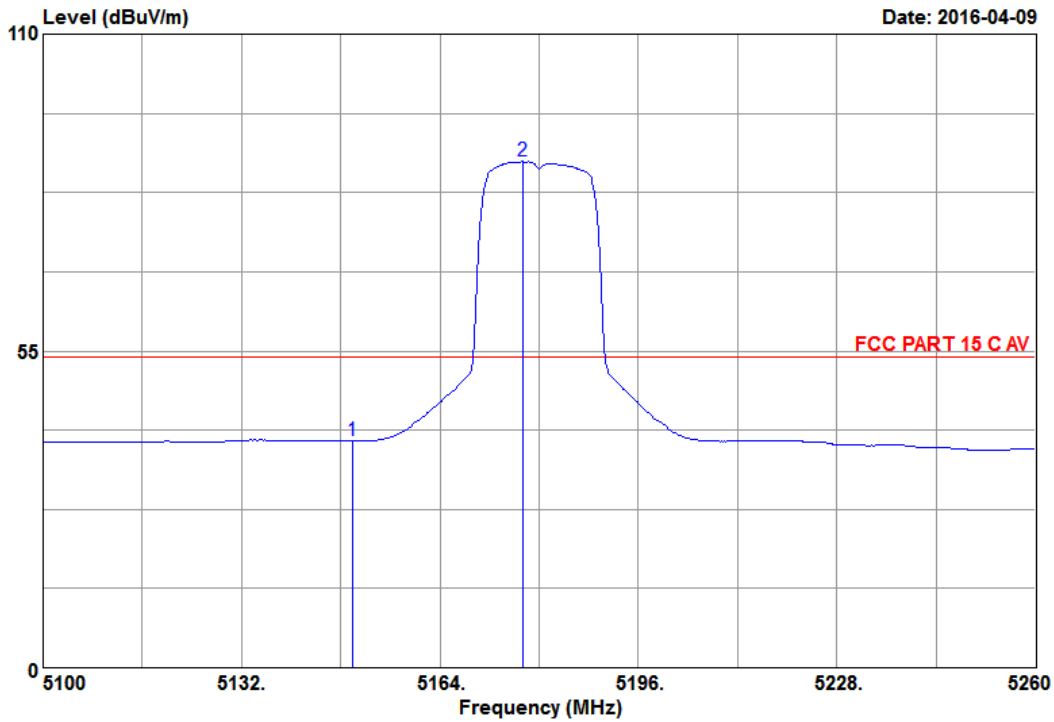
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	33.44	7.59	43.31	33.92	50.42	74.00	23.58	Peak
2	5183.60	33.49	7.62	88.23	33.91	95.43	74.00	-21.43	Peak

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



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

Data: 31 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber	Data NO. : 31
Dis. / Ant. : 3m 3115-62960-150630	Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C AV	Engineer : Mickey
Env. / Ins. : 21.8*CS&48%/N9030A	
EUT : TI-nspire CX navigator access point	
M/N : TINAVAP3-2	
Power Rating: DC 5V	
Test Mode : TX 802.11nHT20 5180MHz	
Memo :	

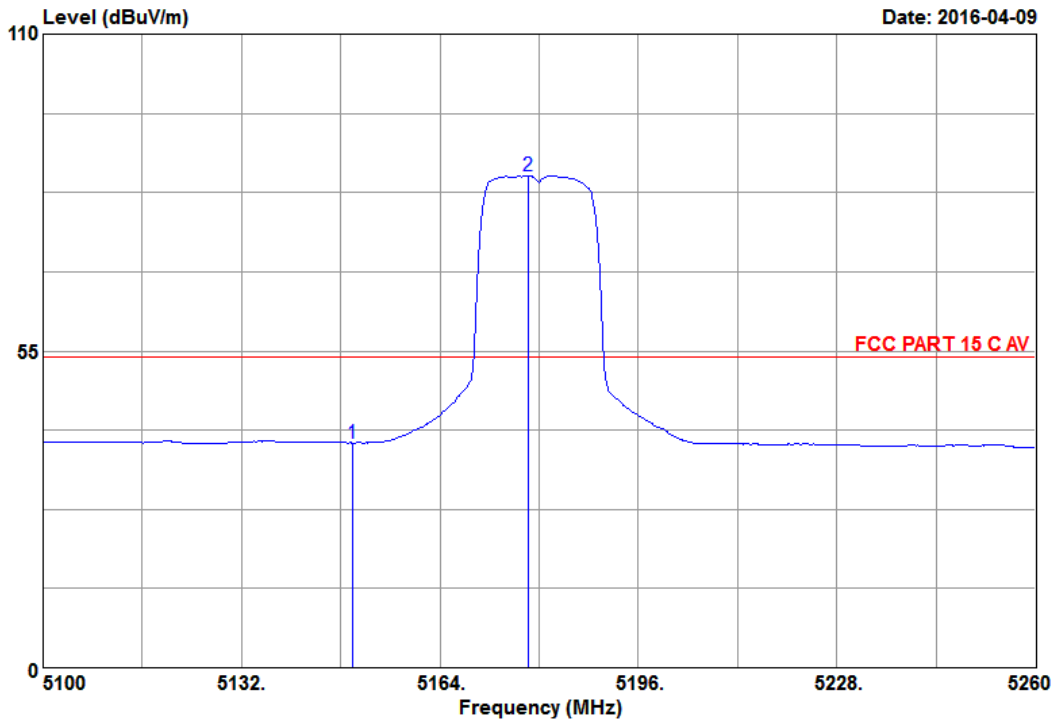
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.00	33.44	7.59	32.35	33.92	39.46	54.00	14.54	Average
2	5177.40	33.49	7.62	80.66	33.91	87.86	54.00	-33.86	Average

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



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

Data: 32 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber	Data NO. : 32
Dis. / Ant. : 3m 3115-62960-150630	Ant. pol. : VERTICAL
Limit : FCC PART 15 C AV	Engineer : Mickey
Env. / Ins. : 21.8*CS&48%/N9030A	
EUT : TI-nspire CX navigator access point	
M/N : TINAVAP3-2	
Power Rating: DC 5V	
Test Mode : TX 802.11nHT20 5180MHz	
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	5150.00	33.44	7.59	31.94	33.92	39.05	54.00	14.95	Average
2	5178.20	33.49	7.62	78.15	33.91	85.35	54.00	-31.35	Average

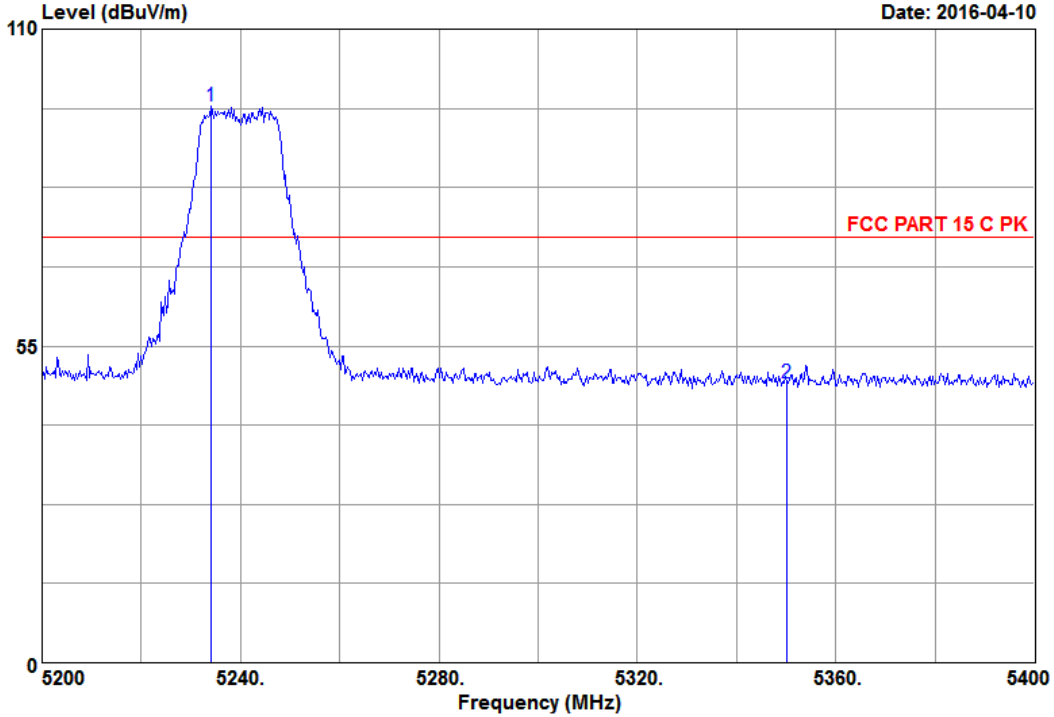
Remarks: 1. Emission Level= Ant.Factor + Cable Loss + Reading - Preamp.Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.

4.8.2. IEEE 802.11a



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

Data: 33 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166) Date: 2016-04-10



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 33  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*C&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11a CH48 5240MHz  
 Memo :

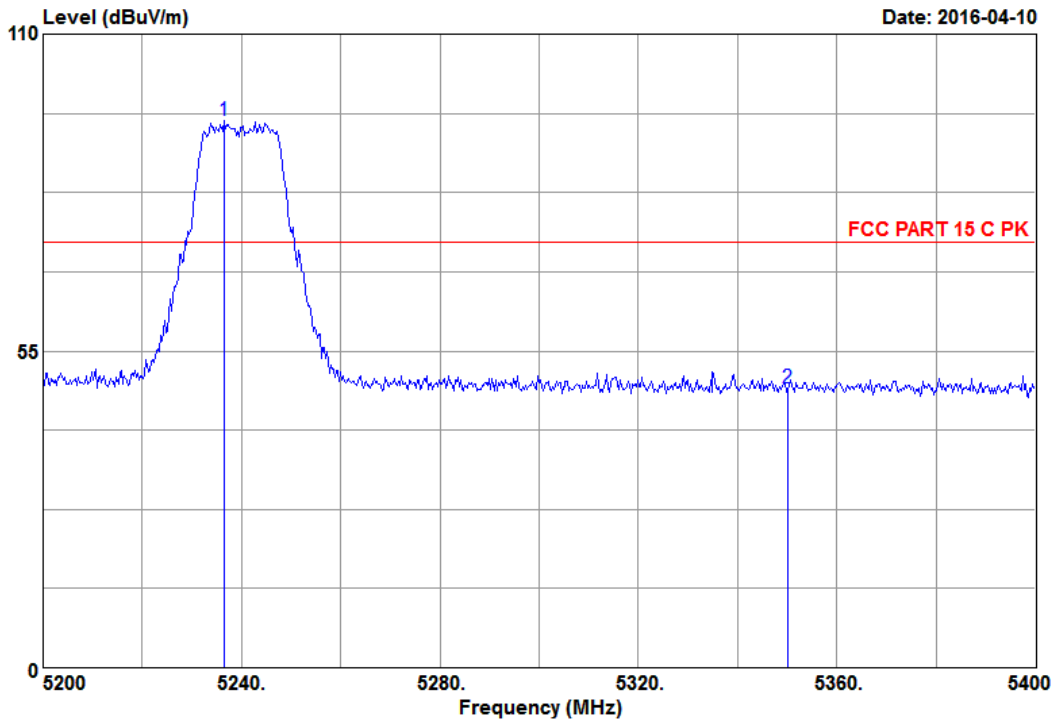
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5234.02	33.57	7.68	89.27	33.91	96.61	74.00	-22.61	Peak
2	5350.00	33.76	7.83	40.83	33.91	48.51	74.00	25.49	Peak

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



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

Data: 34 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber	Data NO. : 34
Dis. / Ant. : 3m 3115-62960-150630	Ant. pol. : VERTICAL
Limit : FCC PART 15 C PK	Engineer : Mickey
Env. / Ins. : 21.8*CS&48%/N9030A	
EUT : TI-inspire CX navigator access point	
M/N : TINAVAP3-2	
Power Rating: DC 5V	
Test Mode : TX 802.11a CH48 5240MHz	
Memo :	

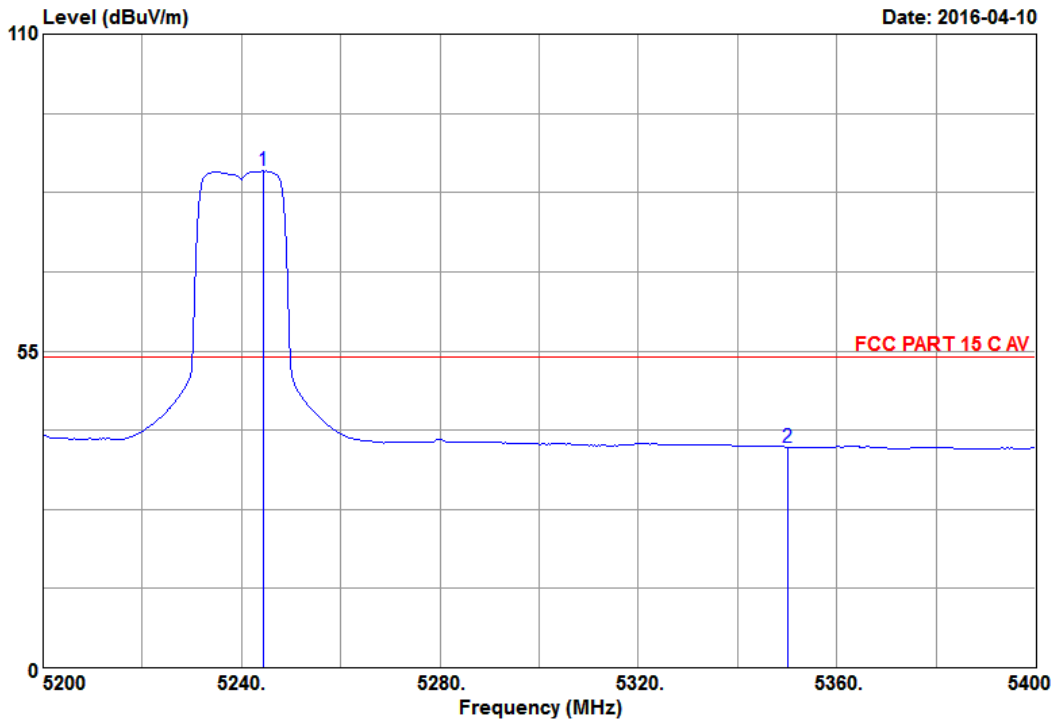
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5236.45	33.57	7.68	87.75	33.91	95.09	74.00	-21.09	Peak
2	5350.00	33.76	7.83	40.85	33.91	48.53	74.00	25.47	Peak

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



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

Data: 35 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber	Data NO. : 35
Dis. / Ant. : 3m 3115-62960-150630	Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C AV	Engineer : Mickey
Env. / Ins. : 21.8*CS&48%/N9030A	
EUT : TI-inspire CX navigator access point	
M/N : TINAVAP3-2	
Power Rating: DC 5V	
Test Mode : TX 802.11a CH48 5240MHz	
Memo :	

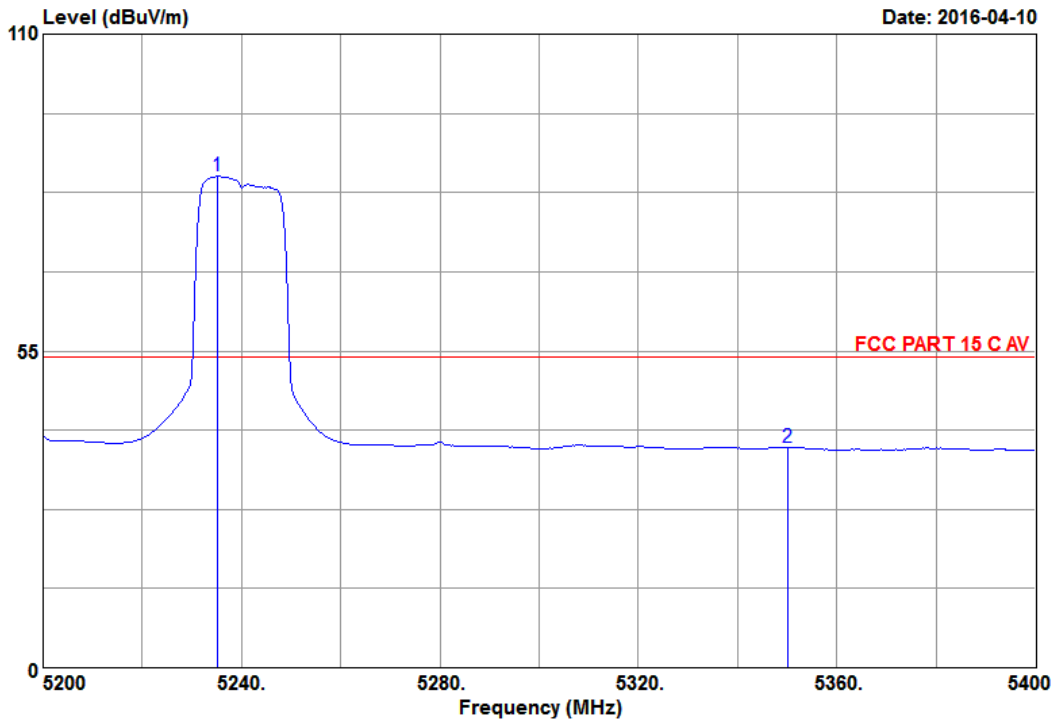
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5244.28	33.60	7.68	78.85	33.91	86.22	54.00	-32.22	Average
2	5350.00	33.76	7.83	30.67	33.91	38.35	54.00	15.65	Average

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



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

Data: 36 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 36  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 C AV  
 Env. / Ins. : 21.8\*CS&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11a CH48 5240MHz  
 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	5235.10	33.57	7.68	77.98	33.91	85.32	54.00	-31.32	Average
2	5350.00	33.76	7.83	30.62	33.91	38.30	54.00	15.70	Average

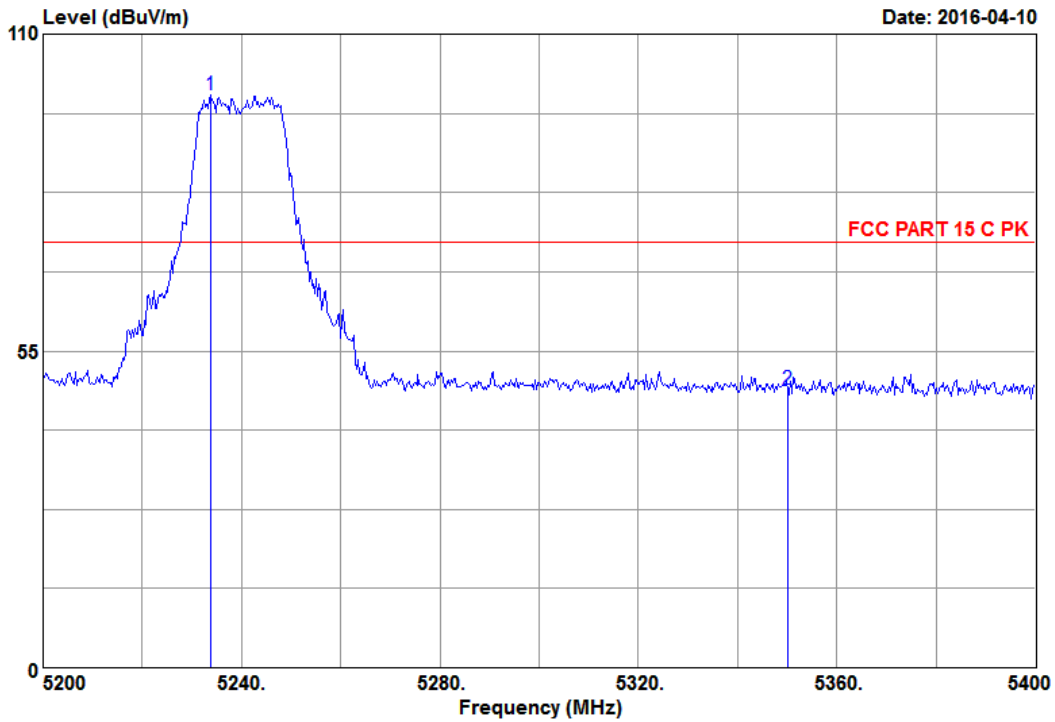
Remarks: 1. Emission Level= Ant.Factor + Cable Loss + Reading - Preamp.Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.





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

Data: 37 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 37  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*CS&48%/N9030A Engineer : Mickey  
 EUT : TI-inspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 CH48 5240MHz  
 Memo :

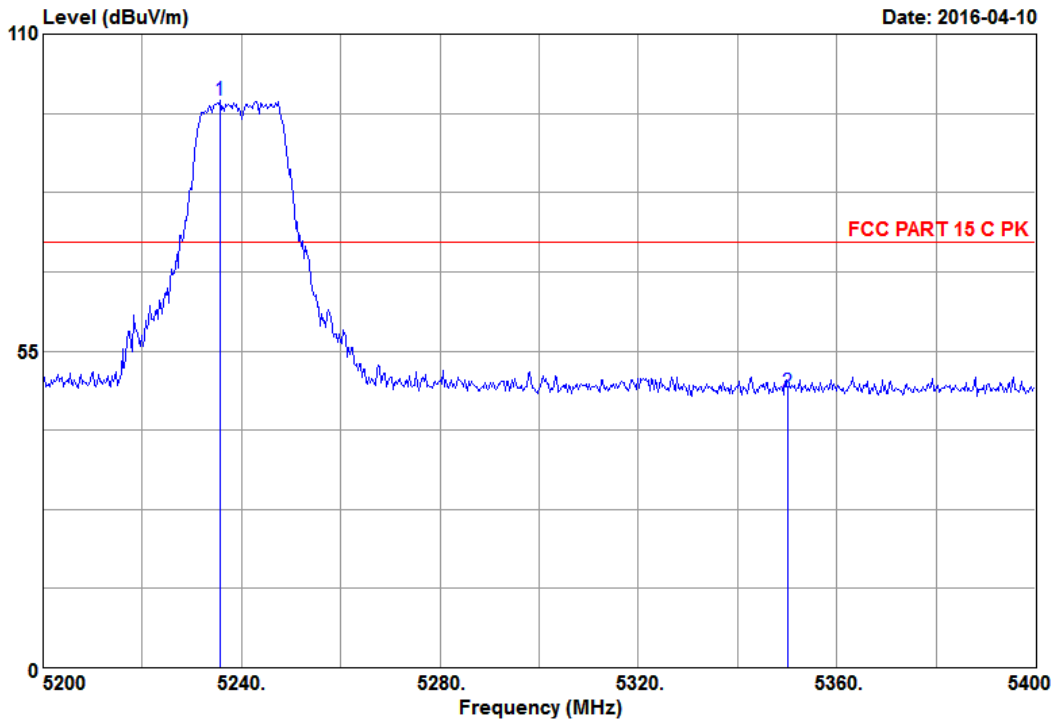
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5233.75	33.57	7.68	92.14	33.91	99.48	74.00	-25.48	Peak
2	5350.00	33.76	7.83	40.65	33.91	48.33	74.00	25.67	Peak

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



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

Data: 38 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber Data NO. : 38  
 Dis. / Ant. : 3m 3115-62960-150630 Ant. pol. : VERTICAL  
 Limit : FCC PART 15 C PK  
 Env. / Ins. : 21.8\*CS&48%/N9030A Engineer : Mickey  
 EUT : TI-nspire CX navigator access point  
 M/N : TINAVAP3-2  
 Power Rating: DC 5V  
 Test Mode : TX 802.11nHT20 CH48 5240MHz  
 Memo :

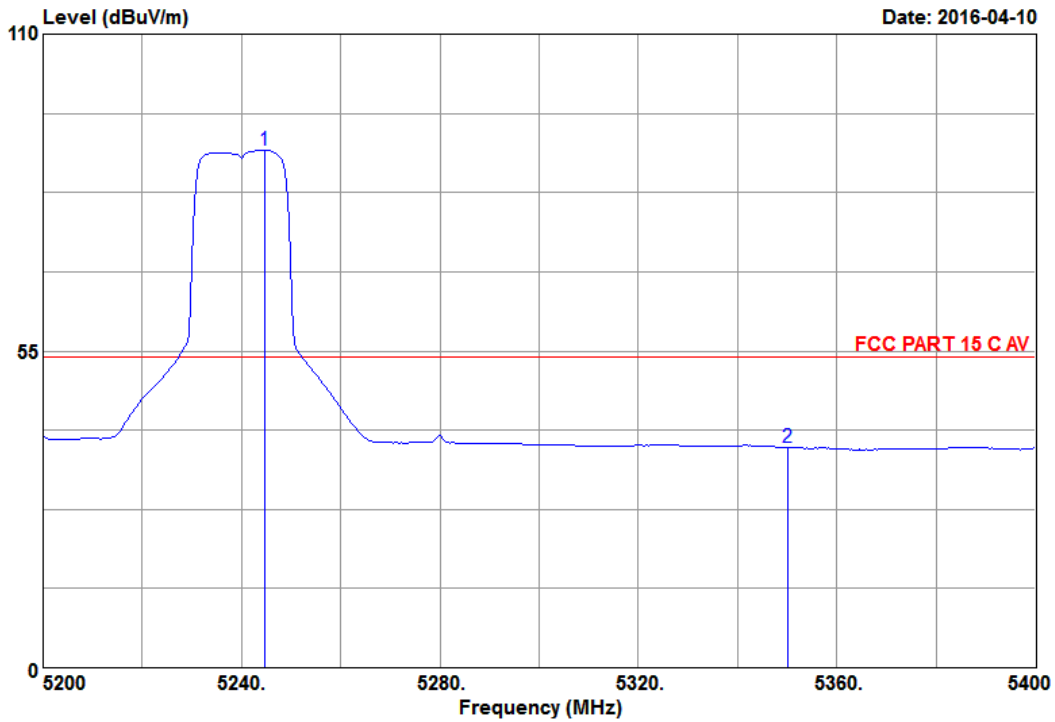
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5235.64	33.57	7.68	91.10	33.91	98.44	74.00	-24.44	Peak
2	5350.00	33.76	7.83	40.19	33.91	47.87	74.00	26.13	Peak

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



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

Data: 39 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber	Data NO. : 39
Dis. / Ant. : 3m 3115-62960-150630	Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C AV	Engineer : Mickey
Env. / Ins. : 21.8*CS&48%/N9030A	
EUT : TI-inspire CX navigator access point	
M/N : TINAVAP3-2	
Power Rating: DC 5V	
Test Mode : TX 802.11nHT20 CH48 5240MHz	
Memo :	

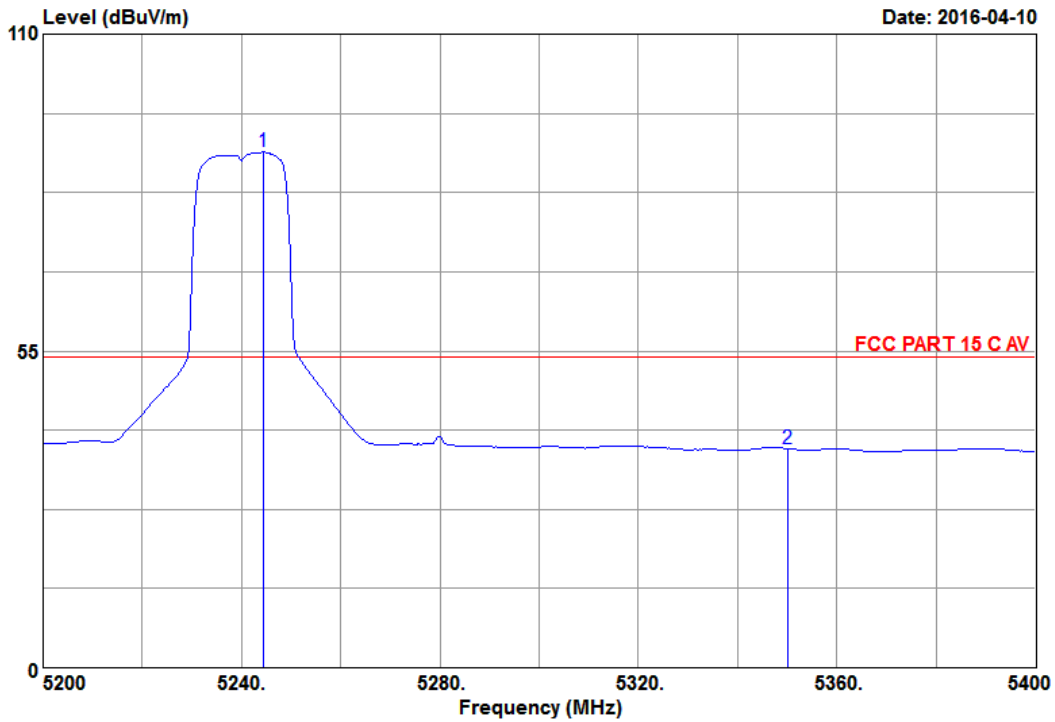
	Freq. (MHz)	Ant. Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Preamp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5244.55	33.60	7.68	82.55	33.91	89.92	54.00	-35.92	Average
2	5350.00	33.76	7.83	30.56	33.91	38.24	54.00	15.76	Average

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



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

Data: 40 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber	Data NO. : 40
Dis. / Ant. : 3m 3115-62960-150630	Ant. pol. : VERTICAL
Limit : FCC PART 15 C AV	Engineer : Mickey
Env. / Ins. : 21.8*CS&48%/N9030A	
EUT : TI-inspire CX navigator access point	
M/N : TINAVAP3-2	
Power Rating: DC 5V	
Test Mode : TX 802.11nHT20 CH48 5240MHz	
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	5244.28	33.60	7.68	82.15	33.91	89.52	54.00	-35.52	Average
2	5350.00	33.76	7.83	30.41	33.91	38.09	54.00	15.91	Average

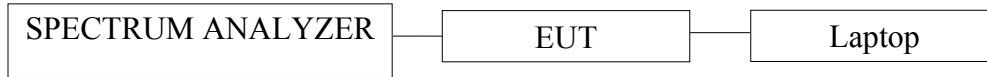
Remarks: 1. Emission Level= Ant.Factor + Cable Loss + Reading - Preamp.Factor.  
 2. The emission levels that are 20dB below the official limit are not reported.

## 5. 26 dB BANDWIDTH MEASUREMENT

### 5.1. Test Equipment

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

### 5.2. Block Diagram of Test Setup



— : SIGNAL LINE

### 5.3. Test Procedure

The measurement guideline was according to KDB 789033 D02 General UNII Test Procedures v01r01.

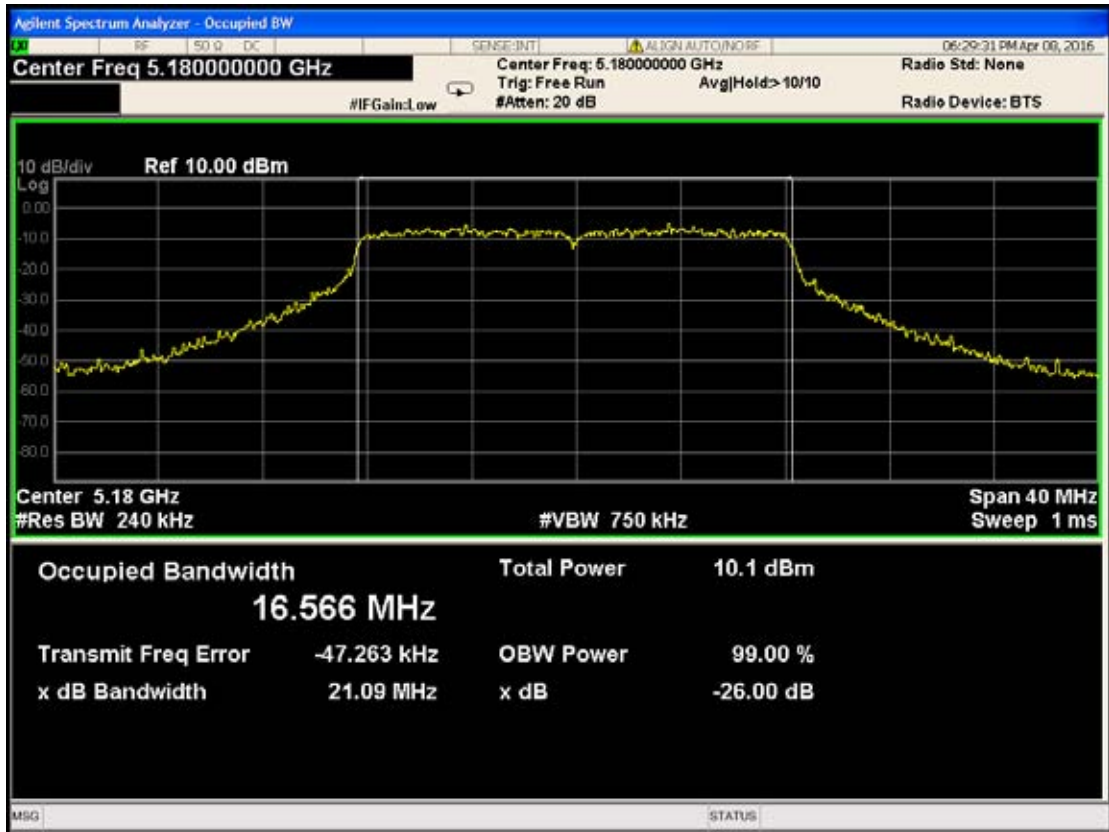
### 5.4. Test Results

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

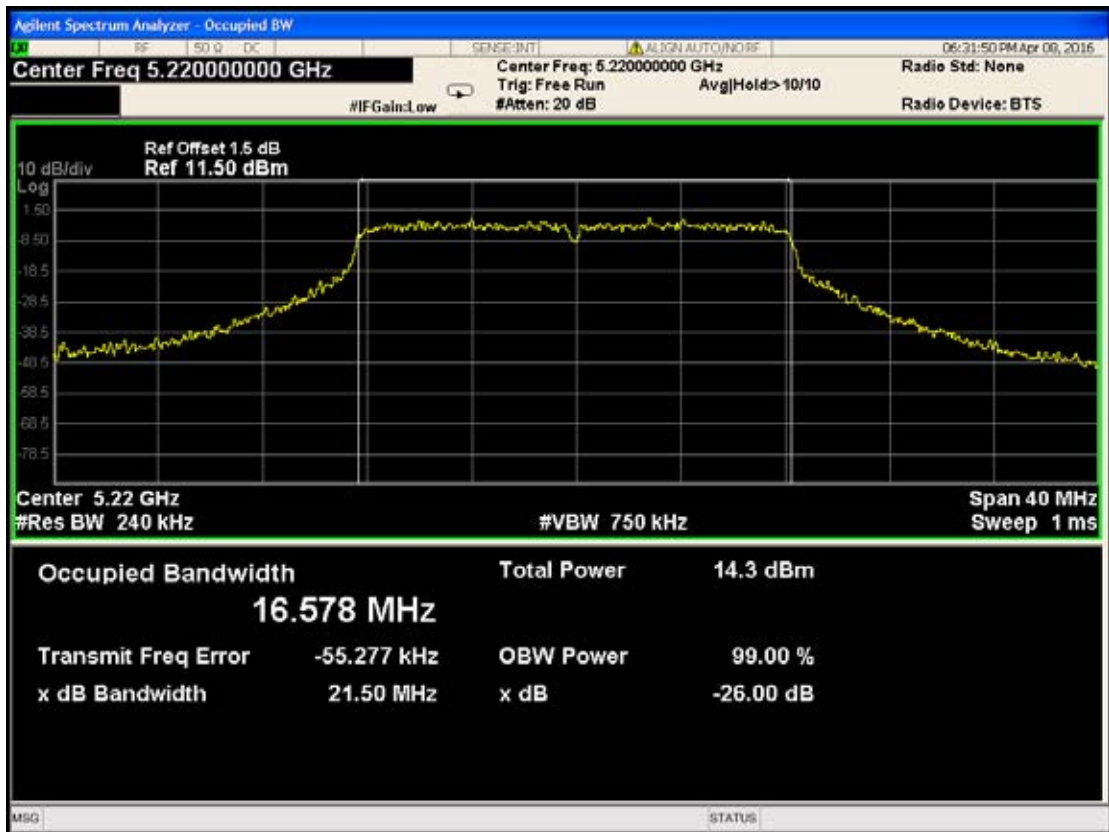
Item	Channel	Test Frequency	26dB Bandwidth
802.11a	36	5180MHz	21.09MHz
	44	5220MHz	21.50 MHz
	48	5240MHz	22.31MHz
802.11n HT20	36	5180MHz	22.00 MHz
	44	5220MHz	21.56 MHz
	48	5240MHz	22.26 MHz

5.4.1. 802.11a

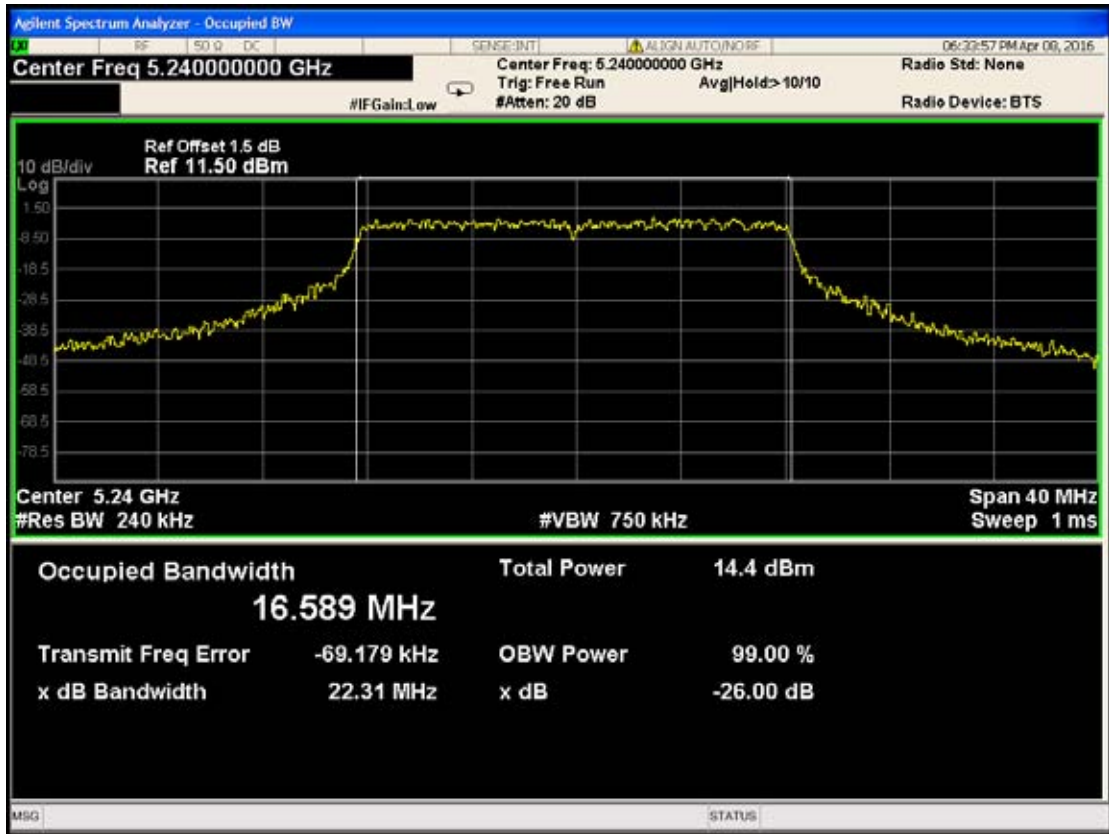
CH 36



CH 44

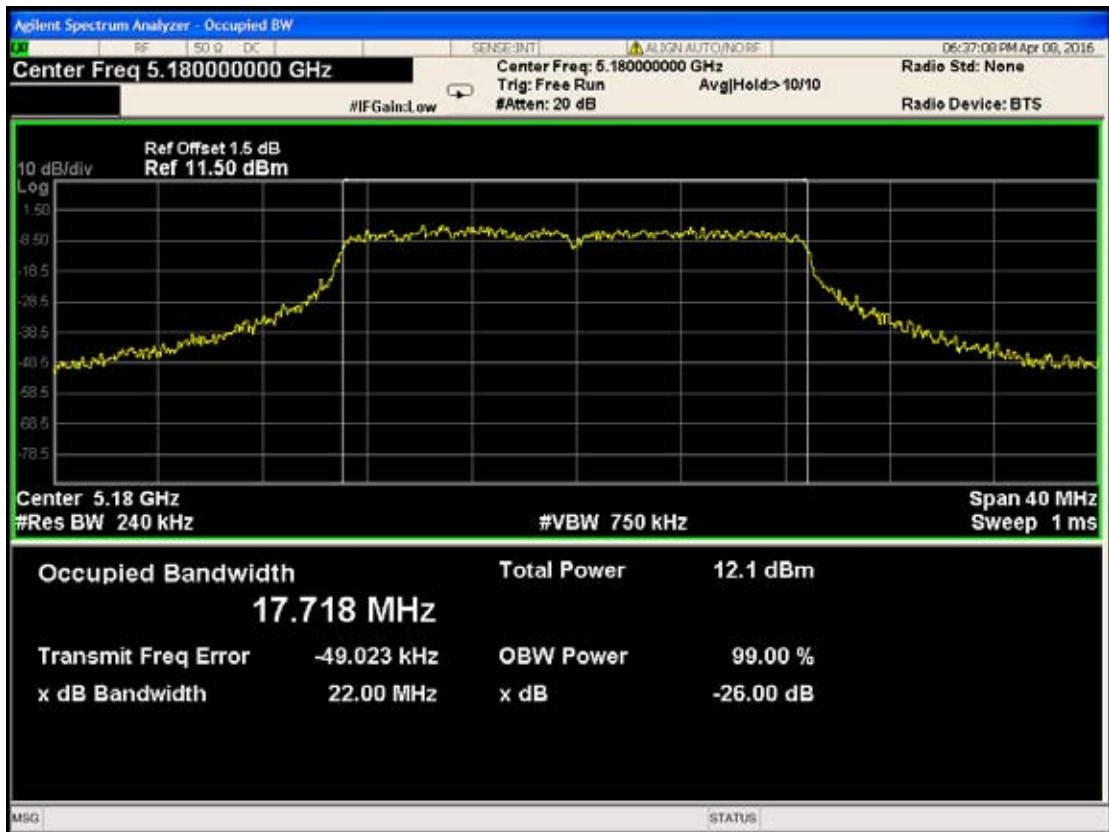


CH 48

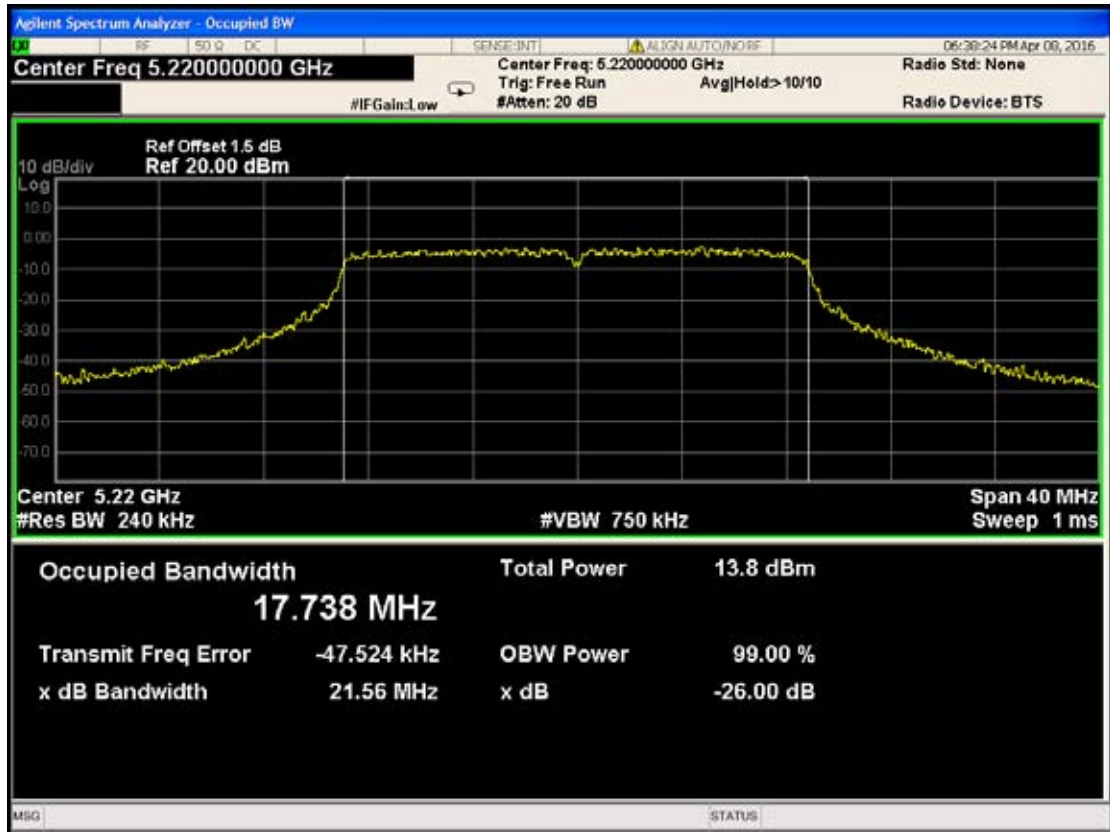


5.4.2. 802.11n HT20

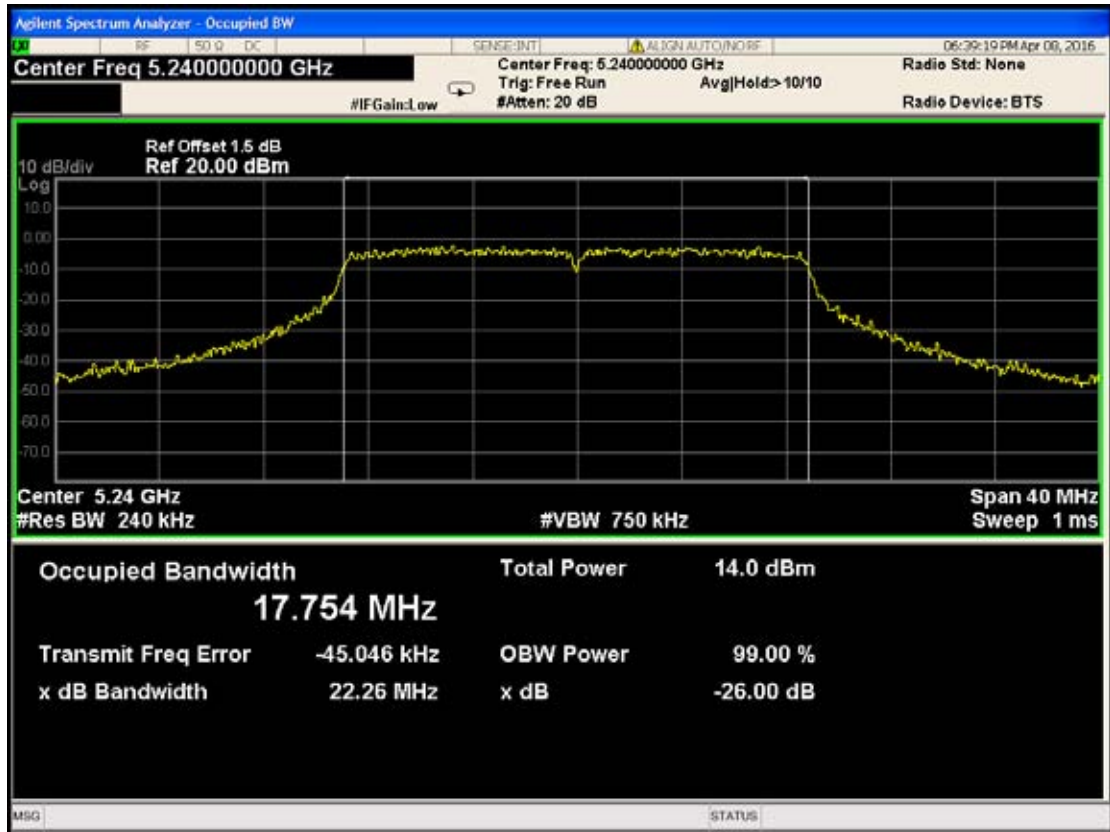
CH 36



CH 44



CH 48



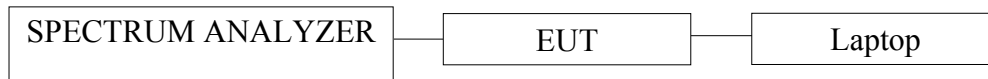


## 6. 6 dB BANDWIDTH MEASUREMENT

### 6.1. Test Equipment

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

### 6.2. Block Diagram of Test Setup



— : SIGNAL LINE

### 6.3. Specification Limits (§15.407(e))

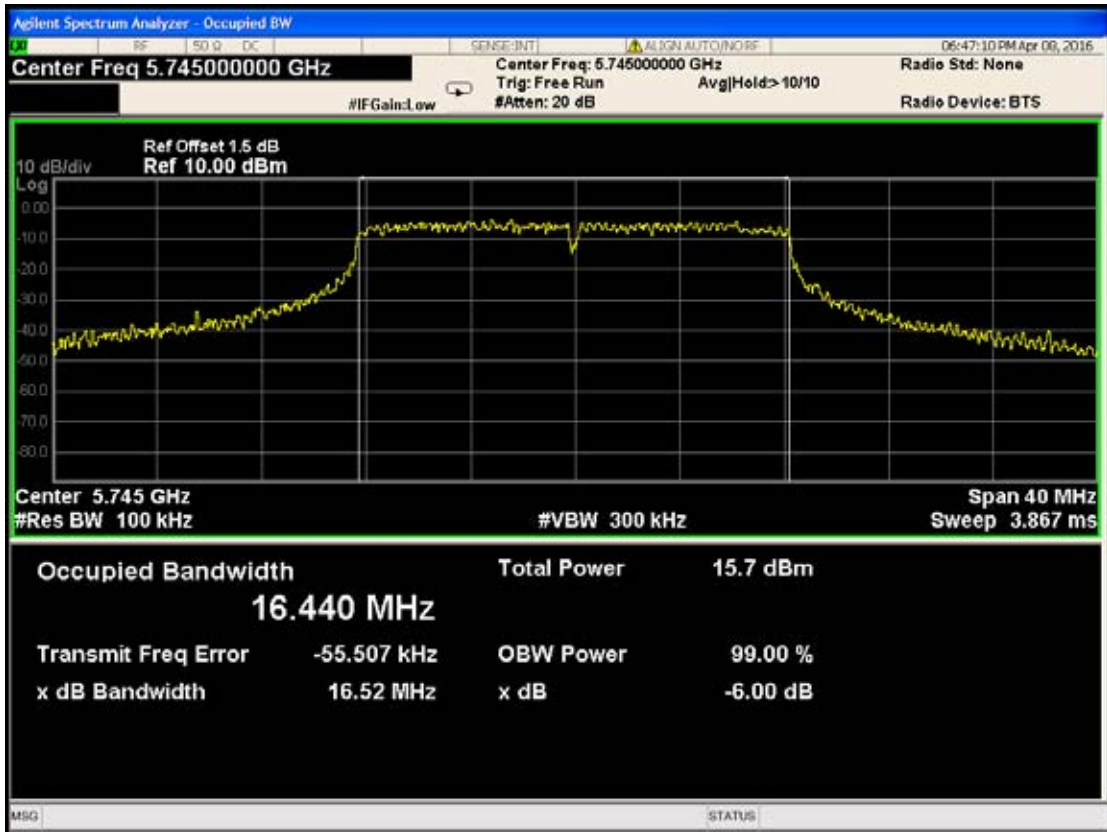
Within the 5.725-5.85GHz band, the minimum 6dB bandwidth of U-NII devices shall be at least 500kHz.

### 6.4. Test Results

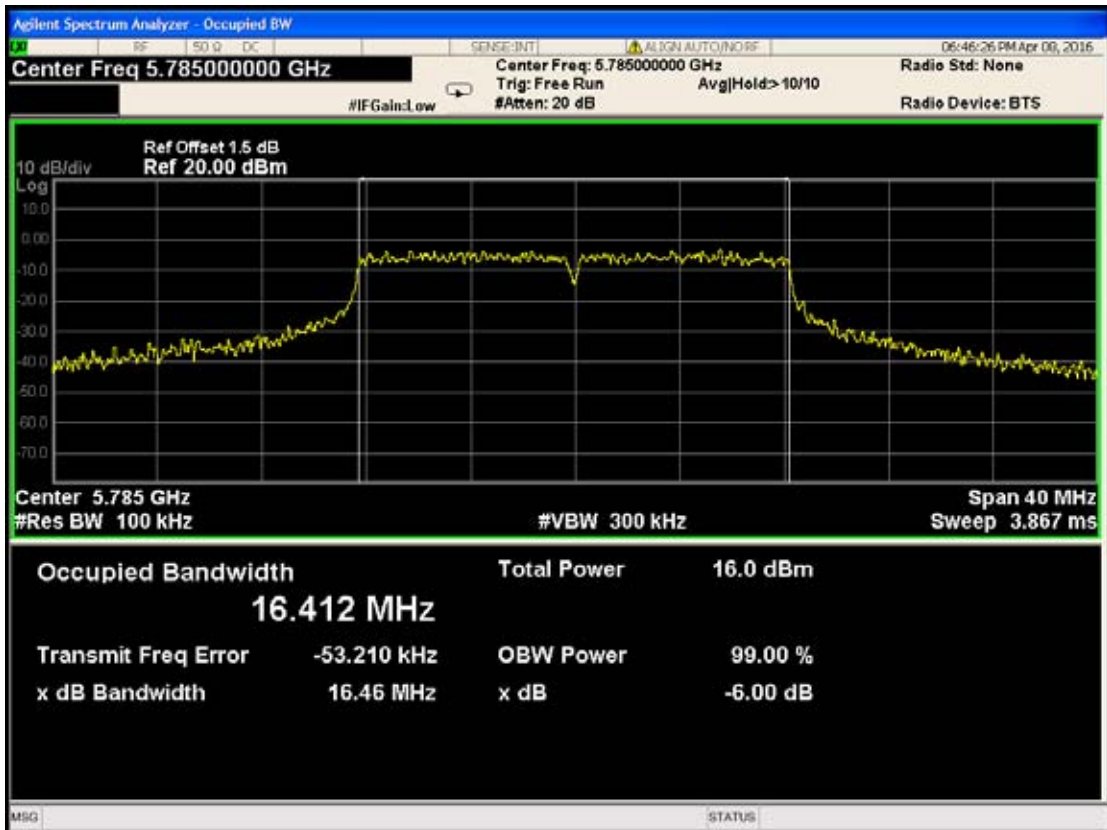
**PASSED.** All the test results are attached in next pages.

Item	Channel	Test Frequency	6dB Bandwidth
802.11a	149	5745MHz	16.52 MHz
	157	5785MHz	16.46 MHz
	165	5825MHz	16.53MHz
802.11n HT20	149	5745MHz	17.71MHz
	157	5785MHz	17.70 MHz
	165	5825MHz	17.74 MHz

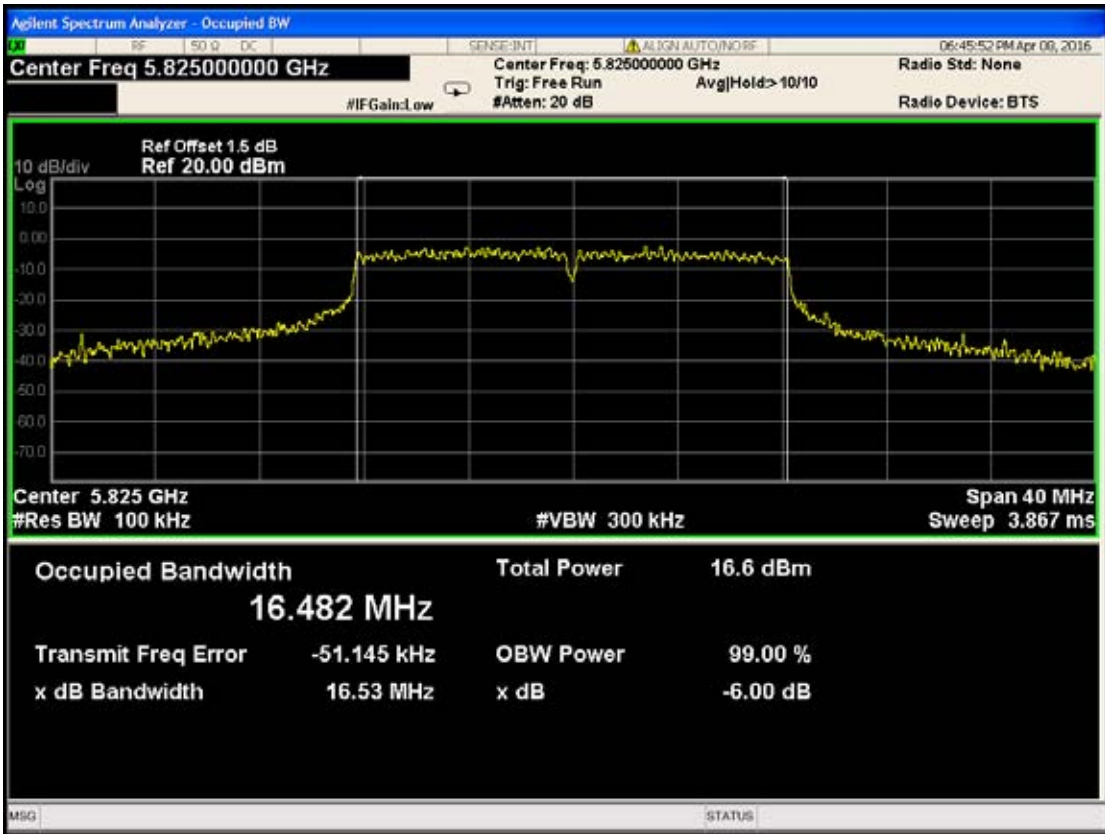
6.4.1. 802.11a  
CH 149



CH 157

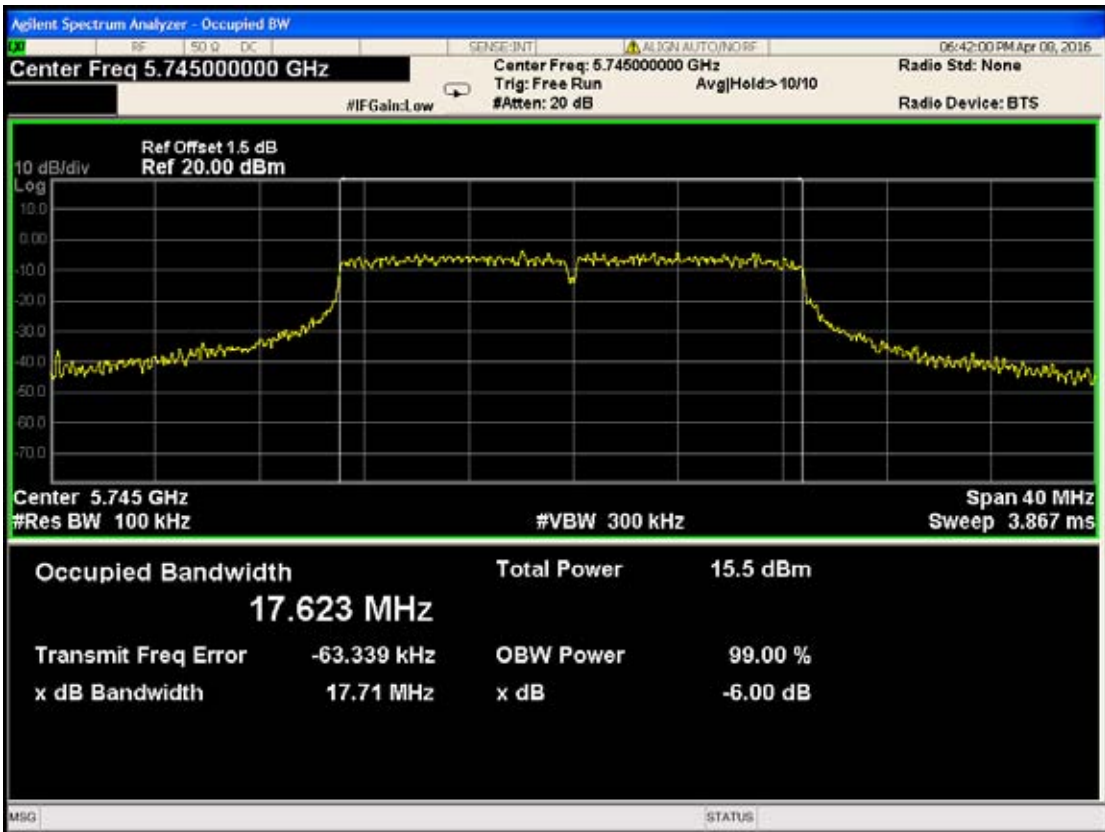


CH 165

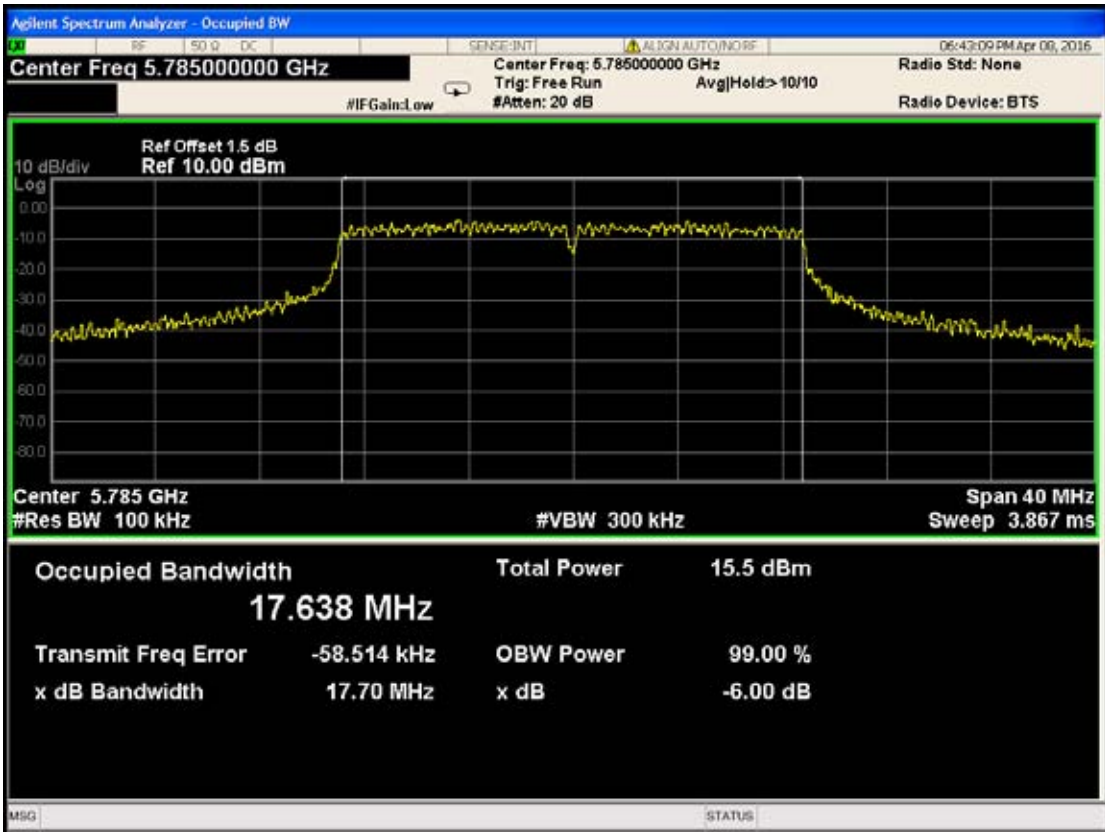


6.4.2. 802.11n HT20

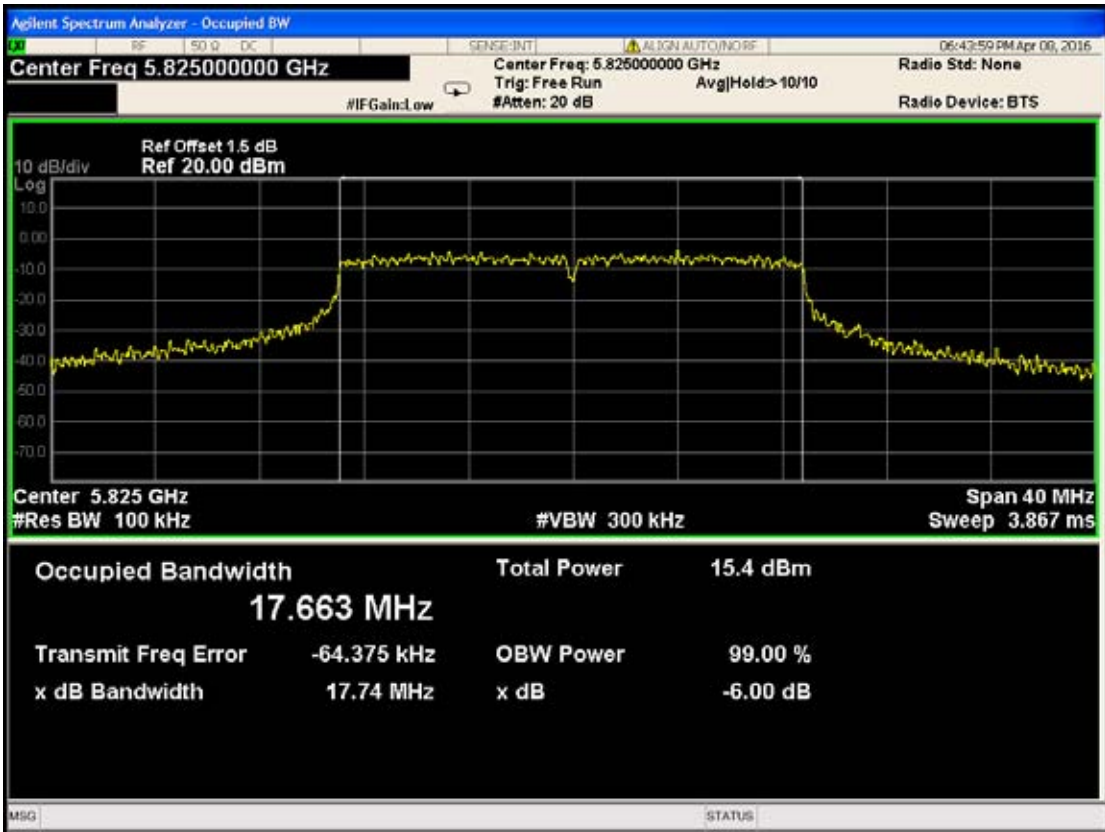
CH 149



CH 157



CH 165



## 7. OUTPUT POWER MEASUREMENT

### 7.1. Test Equipment

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

### 7.2. Block Diagram of Test Setup



— : SIGNAL LINE

### 7.3. Specification Limits (§15.407(a)(1))

For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi, and for the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

### 7.4. Test Procedure

The measurement guideline was according to KDB 789033 D02 General UNII Test Procedures v01r01.

### 7.5. Test Results

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

Test Mode: 802.11a

Test Condition	Peak Power(dBm)					
	CH36	CH44	CH48	CH149	CH157	CH165
6Mbps	13.35	14.18	14.89	16.99	16.29	16.24
9 Mbps	13.87	14.65	14.52	16.76	16.18	16.49
12 Mbps	14.87	14.15	14.84	17.03	16.76	16.55
18 Mbps	14.76	14.88	14.93	17.21	16.57	17.13
24 Mbps	14.91	14.77	14.83	16.78	16.79	17.22
36 Mbps	14.53	15.13	15.87	16.97	17.21	17.03
48 Mbps	14.23	15.01	15.29	16.25	16.17	15.69
54 Mbps	12.07	13.85	13.72	14.27	14.60	14.77

Test Condition	Average Power(dBm)					
	CH36	CH44	CH48	CH149	CH157	CH165
6Mbps	7.95	8.11	8.86	10.50	10.30	10.48
9 Mbps	7.88	7.65	8.21	10.25	10.46	10.76
12 Mbps	8.02	7.81	8.33	10.63	10.69	10.65
18 Mbps	8.12	8.04	8.18	10.77	10.74	10.23
24 Mbps	8.18	8.17	8.32	10.69	10.57	10.46
36 Mbps	7.69	8.67	8.58	9.69	10.82	10.44
48 Mbps	6.93	8.61	8.18	9.29	10.06	9.79
54 Mbps	5.81	6.67	6.32	6.68	7.02	6.37

Test Mode: 802.11n HT20

Test Condition	Peak Power(dBm)					
	CH36	CH44	CH48	CH149	CH157	CH165
MCS 0	13.27	13.62	14.13	15.29	15.82	15.18
MCS1	14.03	14.22	14.65	15.31	15.51	15.25
MCS2	14.21	14.61	14.33	15.87	16.33	15.98
MCS3	15.13	15.43	15.44	16.25	16.33	16.05
MCS4	14.28	14.66	14.21	15.87	16.02	15.69
MCS5	12.69	14.87	13.68	15.76	15.14	15.61
MCS7	11.23	12.05	12.44	13.07	12.50	13.26

Test Condition	Average Power(dBm)					
	CH36	CH44	CH48	CH149	CH157	CH165
MCS 0	6.38	7.62	7.88	8.67	9.59	8.87
MCS1	7.21	7.86	7.94	8.81	9.47	8.66
MCS2	7.18	7.51	7.55	8.42	9.23	8.31
MCS3	7.65	7.89	8.02	9.04	9.28	9.17
MCS4	7.03	7.23	7.54	7.98	8.65	8.23
MCS5	6.69	7.04	7.22	7.65	8.31	8.06
MCS7	3.23	4.93	4.86	6.80	7.75	7.85

## 8. POWER SPECTRAL DENSITY MEASUREMENT

### 8.1. Test Equipment

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

### 8.2. Block Diagram of Test Setup

The same as section 5.2.

### 8.3. Specification Limits (§15.407(a)-(1) (2) (3))

For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band, and for the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band.

### 8.4. Test Procedure

The measurement guideline was according to KDB 789033 D02 General UNII Test Procedures v01r01.

### 8.5. Test Results

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

Test Date: Apr.08, 2016

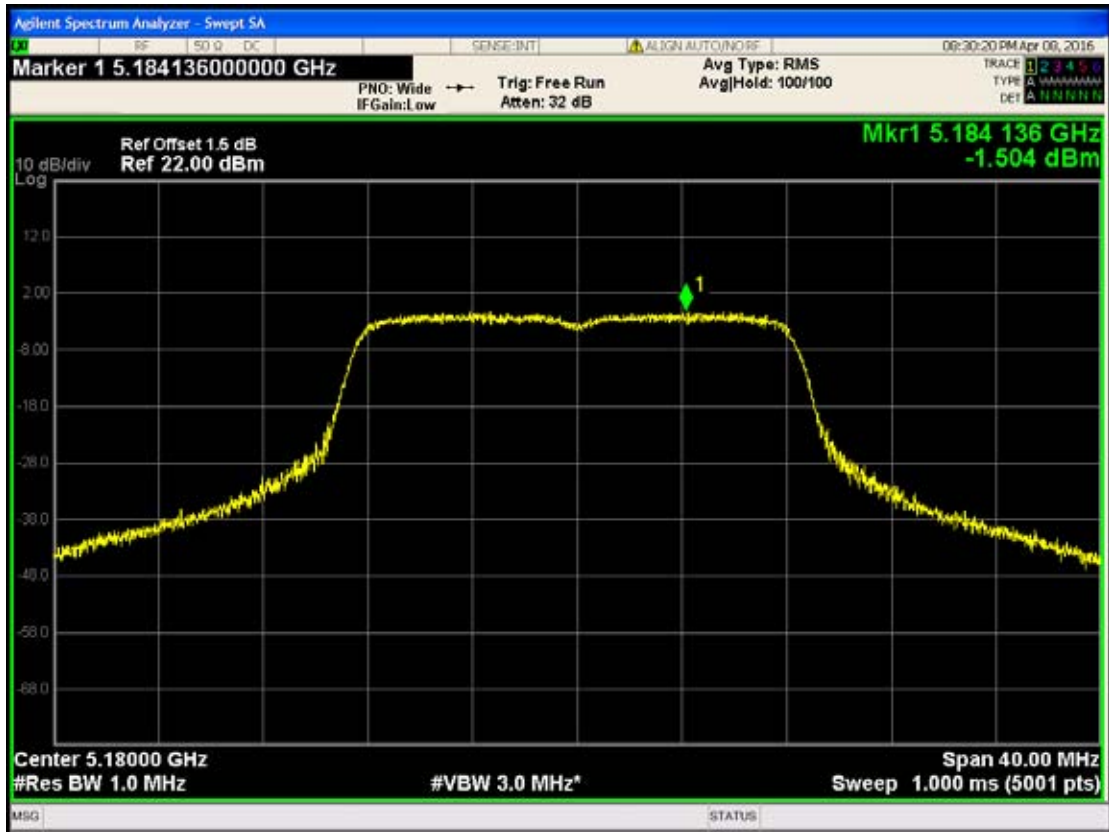
Temperature: 19.1 °C

Humidity: 58 %

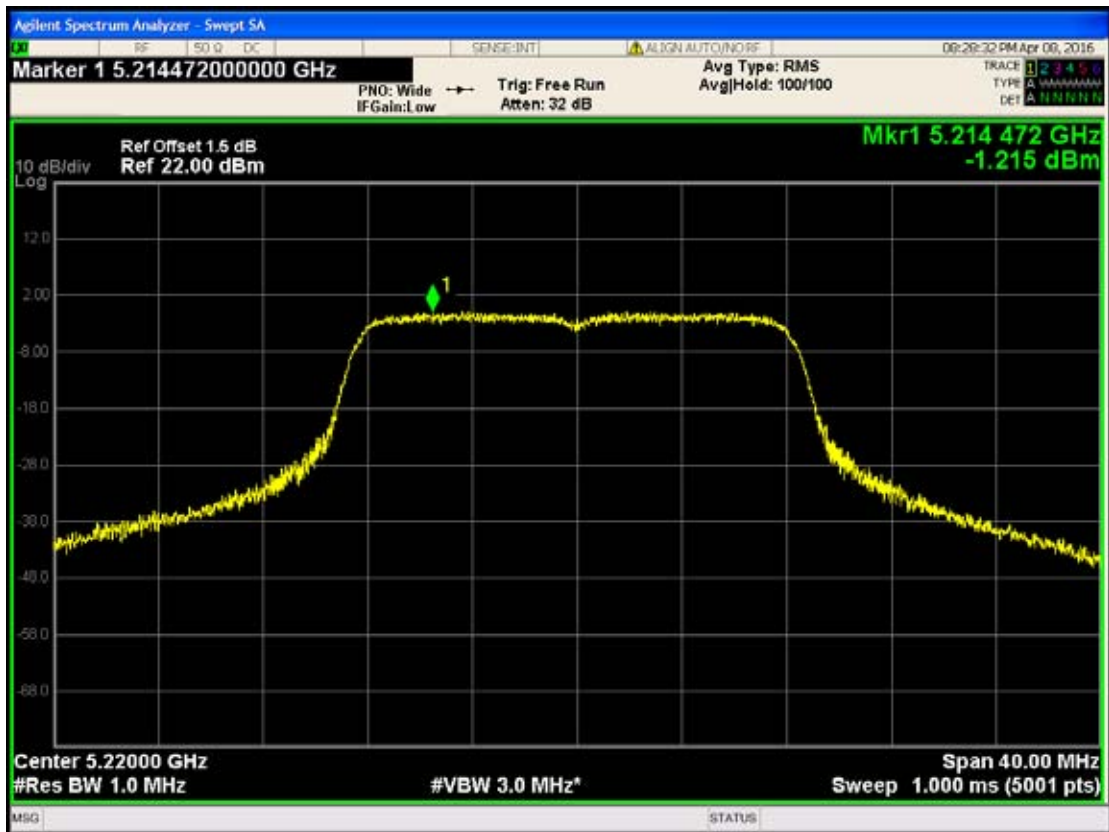
Item	Channel	Frequency(GHz)	Value(dBm)
802.11a	36	5180	-1.504
	44	5220	-1.215
	48	5240	-1.031
	149	5745	-5.852
	157	5785	-5.909
	165	5825	-5.105
802.11n HT20	36	5180	-1.551
	44	5220	-0.787
	48	5240	-0.307
	149	5745	-7.399
	157	5785	-7.069
	165	5825	-6.485

8.5.1. 802.11a

CH 36



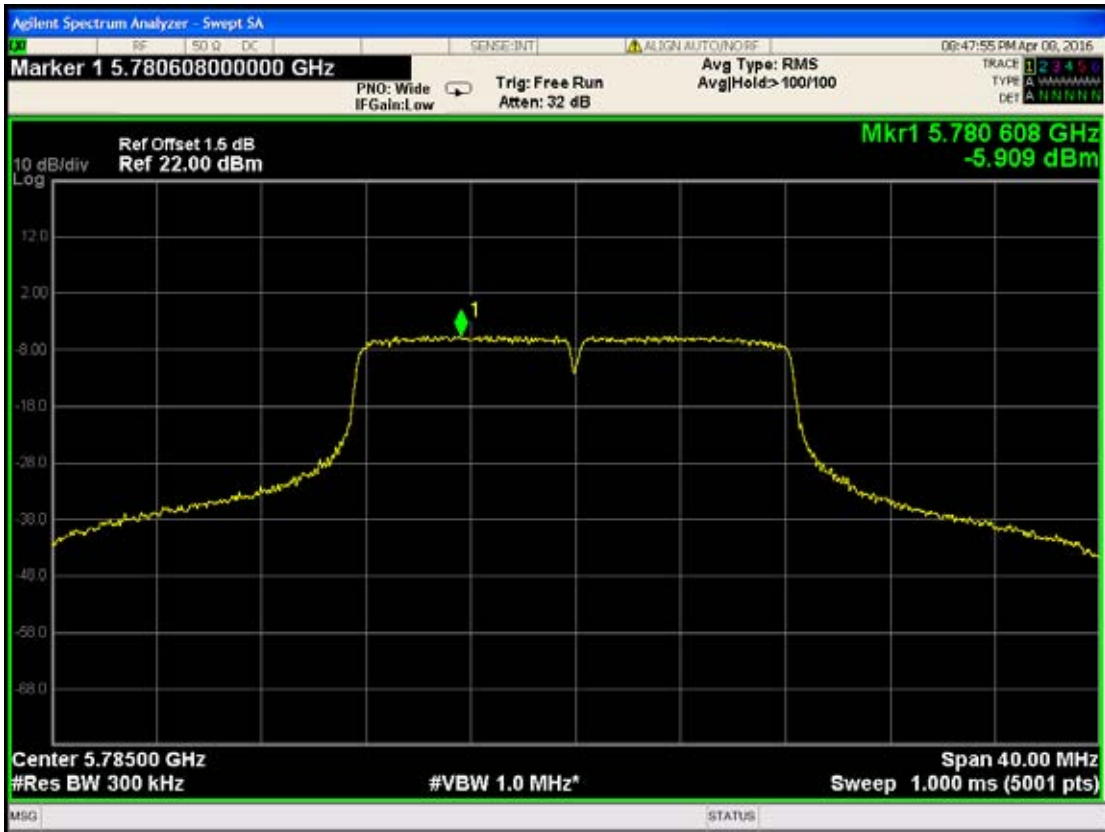
CH 44



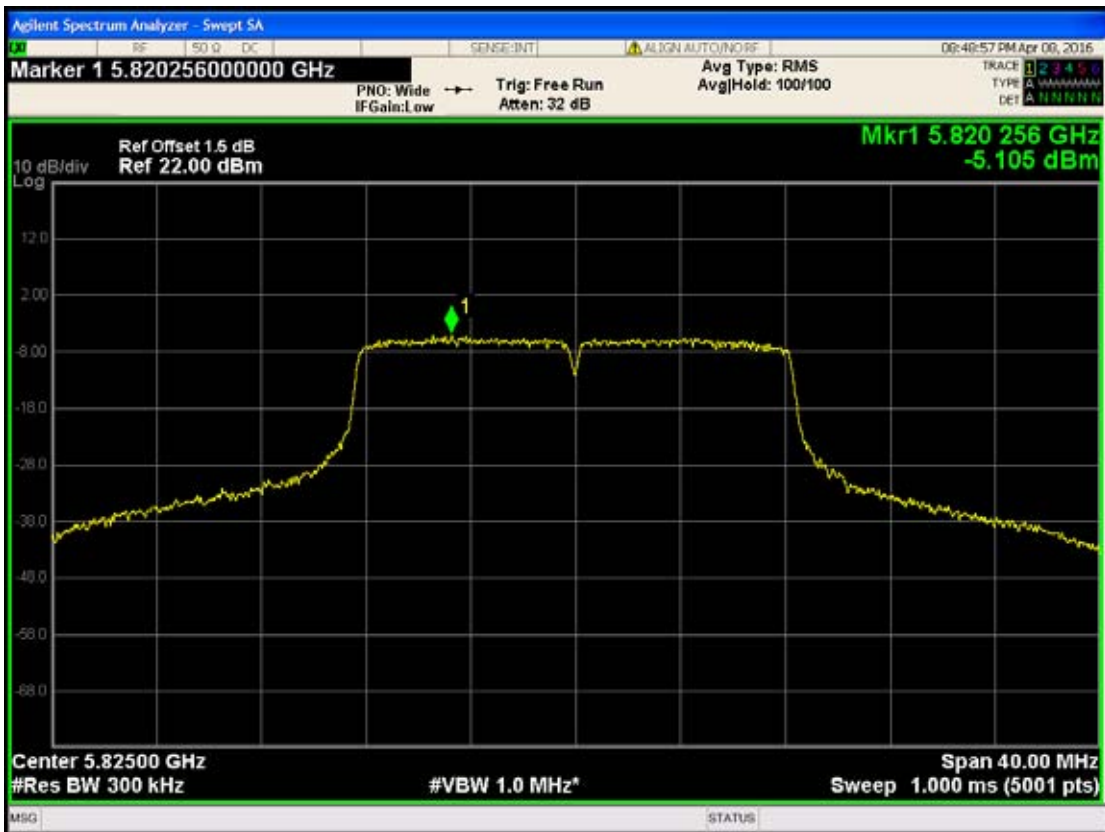




CH157

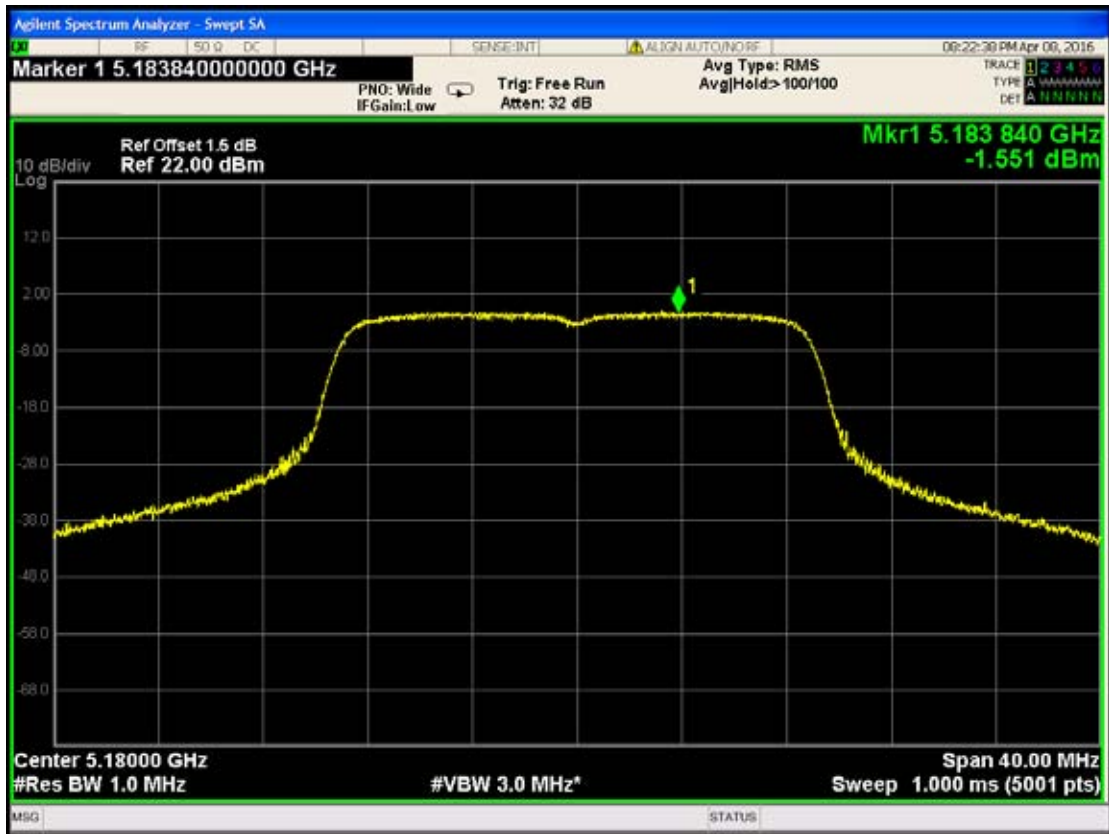


CH165

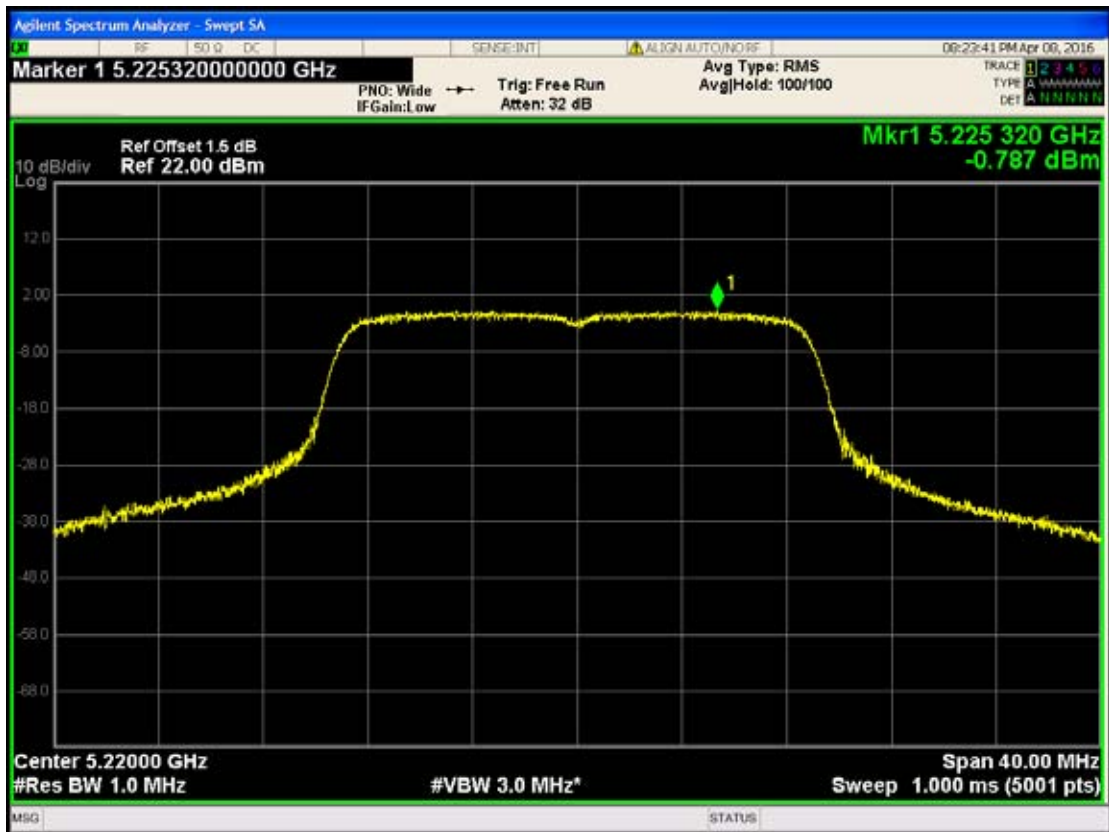


8.5.2. 802.11n HT20

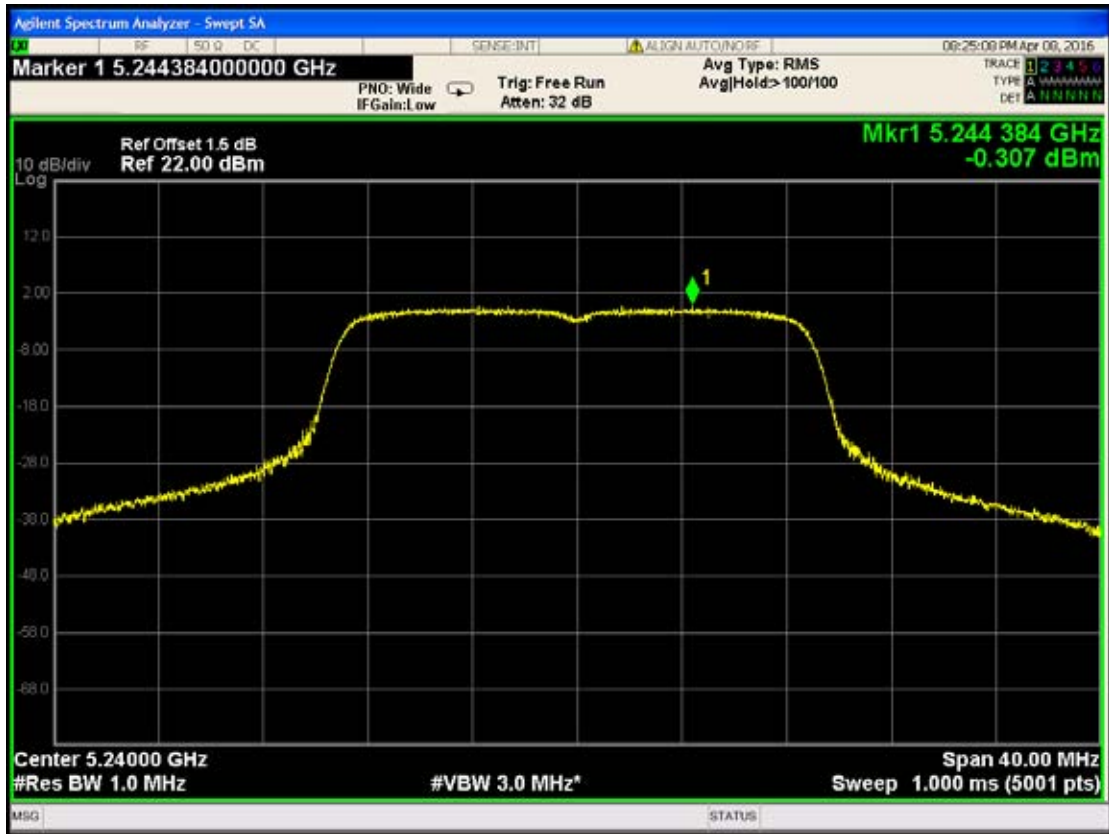
CH 36



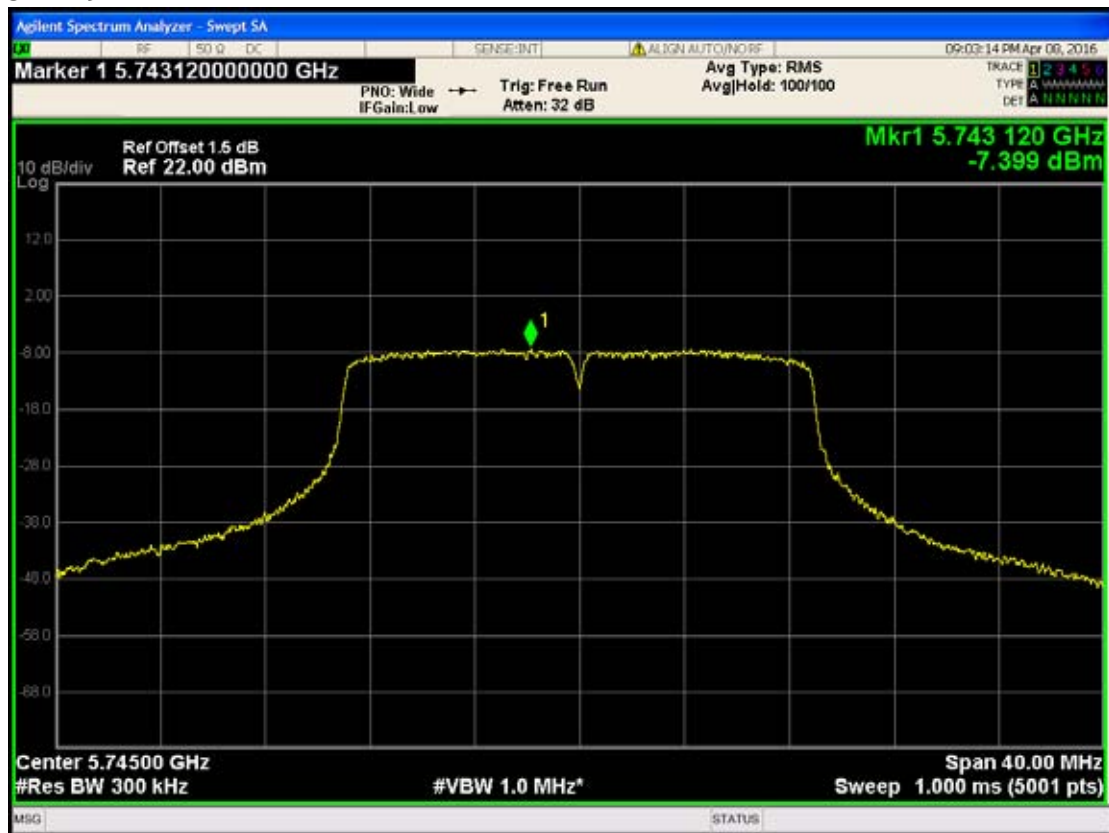
CH 44



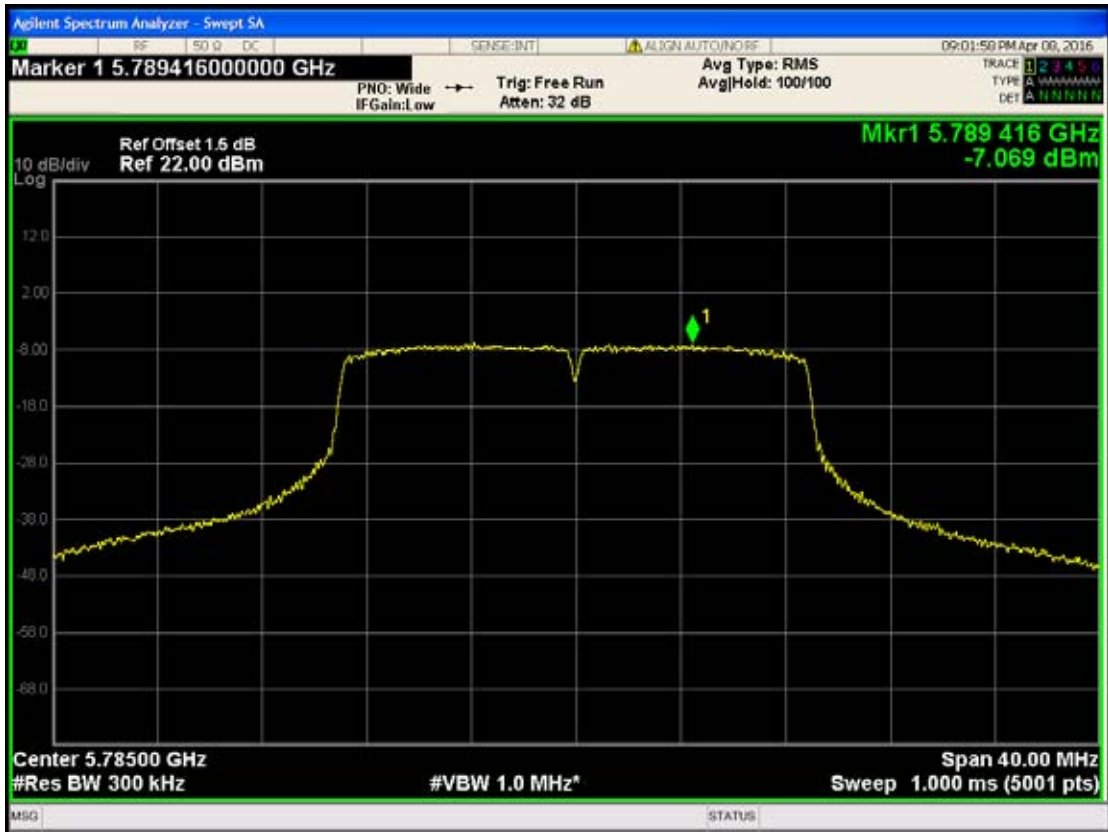
CH 48



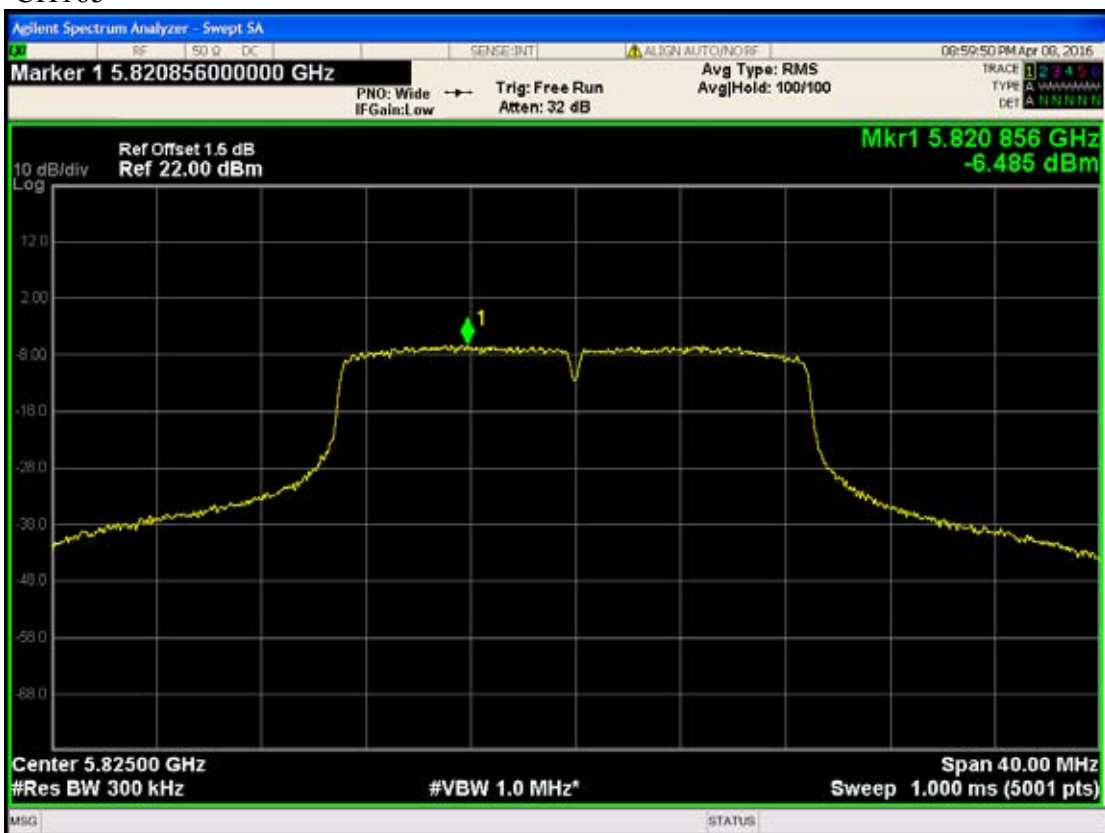
CH 149



CH157



CH165



## 9. OCCUPIED BANDWIDTH 99%POWER MEASUREMENT

### 9.1. Test Equipment

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

### 9.2. Block Diagram of Test Setup

The same as section 5.2.

### 9.3. Test Procedure

The measurement guideline was according to KDB 789033 D02 General UNII Test Procedures v01r01.

### 9.4. Test Results

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

Test Date: Apr.08, 2016

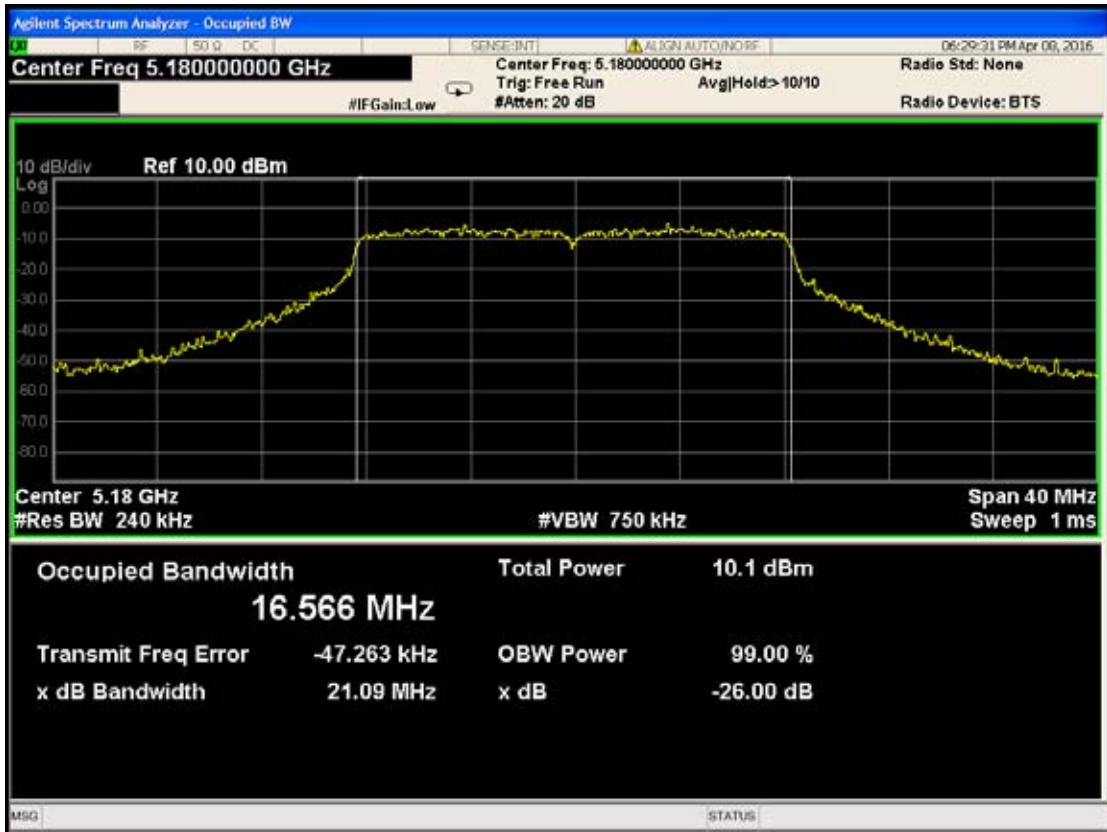
Temperature: 19.1 °C

Humidity: 58 %

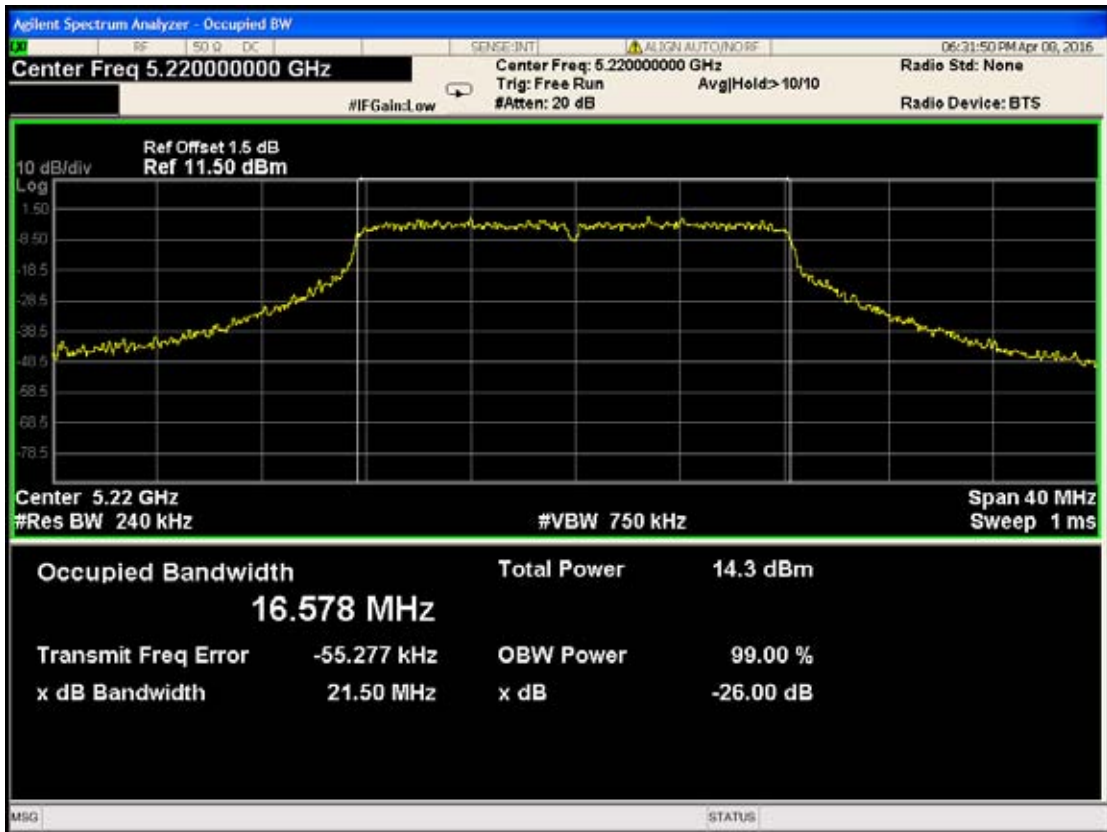
Item	Channel	Frequency (GHz)	Occupied Bandwidth (MHz)
802.11a	36	5.18	16.566
	44	5.22	16.578
	48	5.24	16.589
	149	5.745	16.440
	157	5.785	16.412
	165	5.825	16.482
802.11n HT 20	36	5.18	17.718
	44	5.22	17.738
	48	5.24	17.754
	149	5.745	17.623
	157	5.785	17.638
	165	5.825	17.663

9.4.1. 802.11a

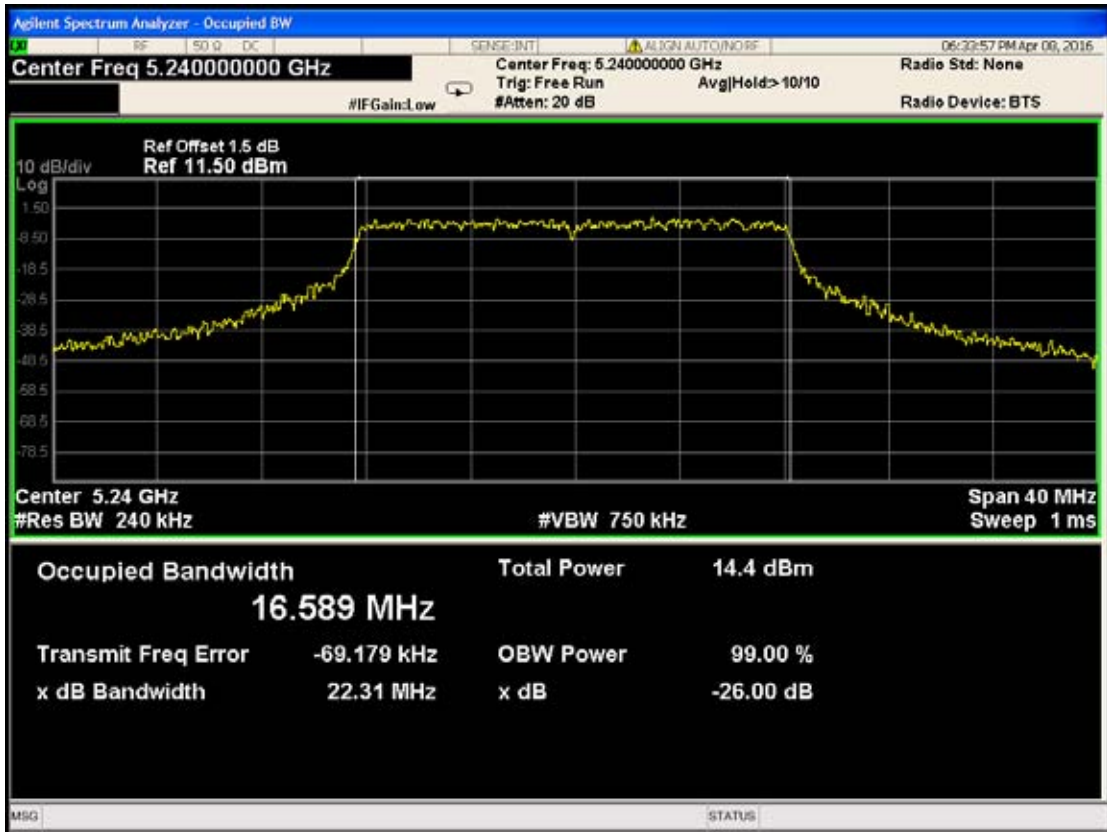
CH 36



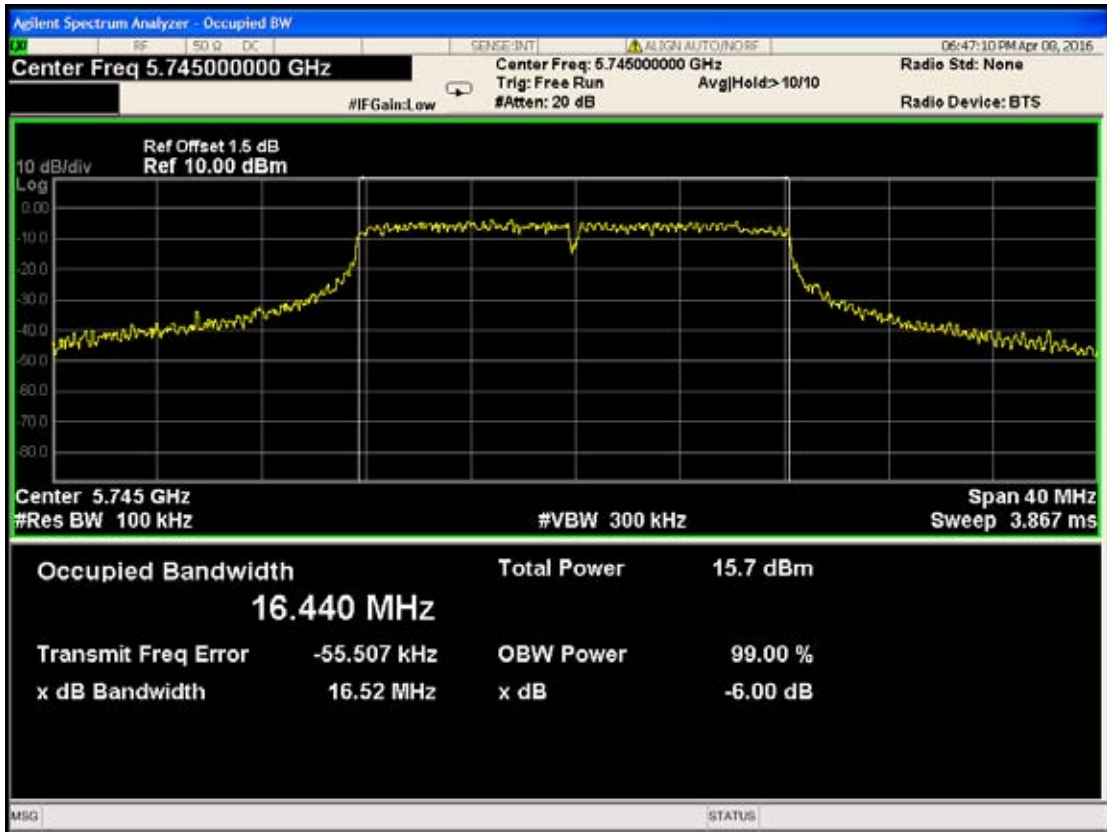
CH 44



CH 48



CH 149





CH 157

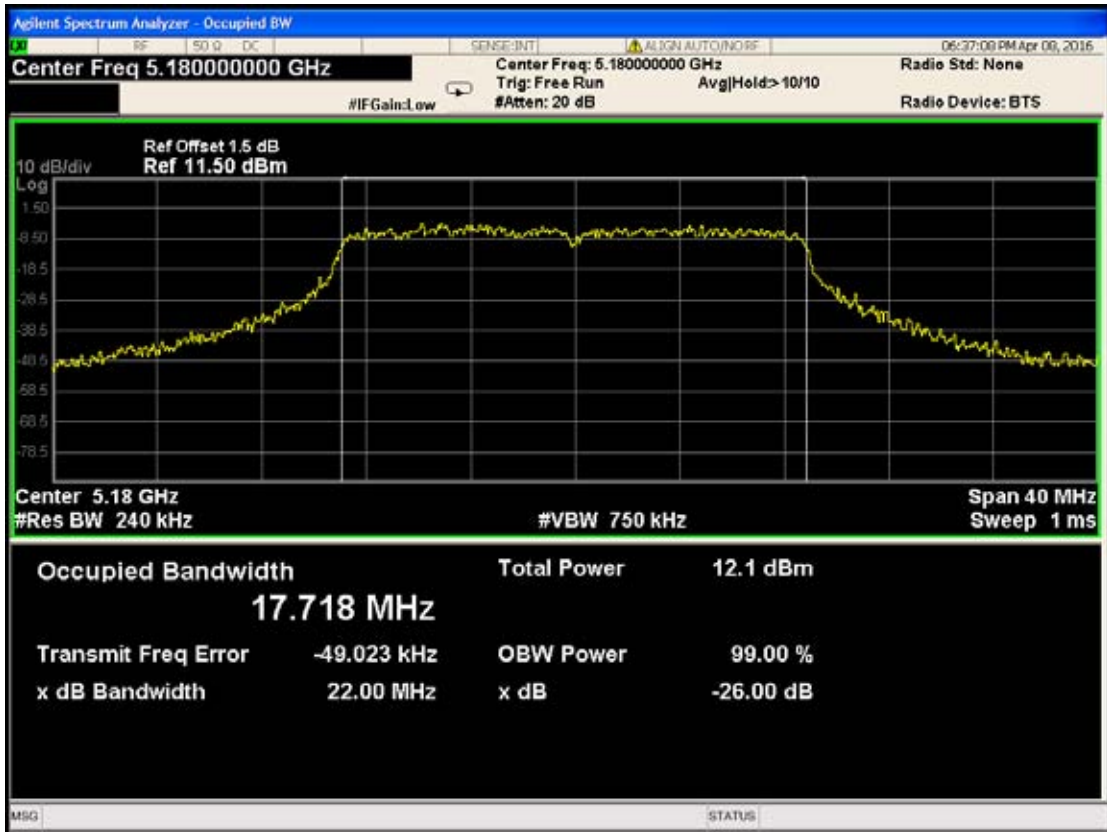


CH 165

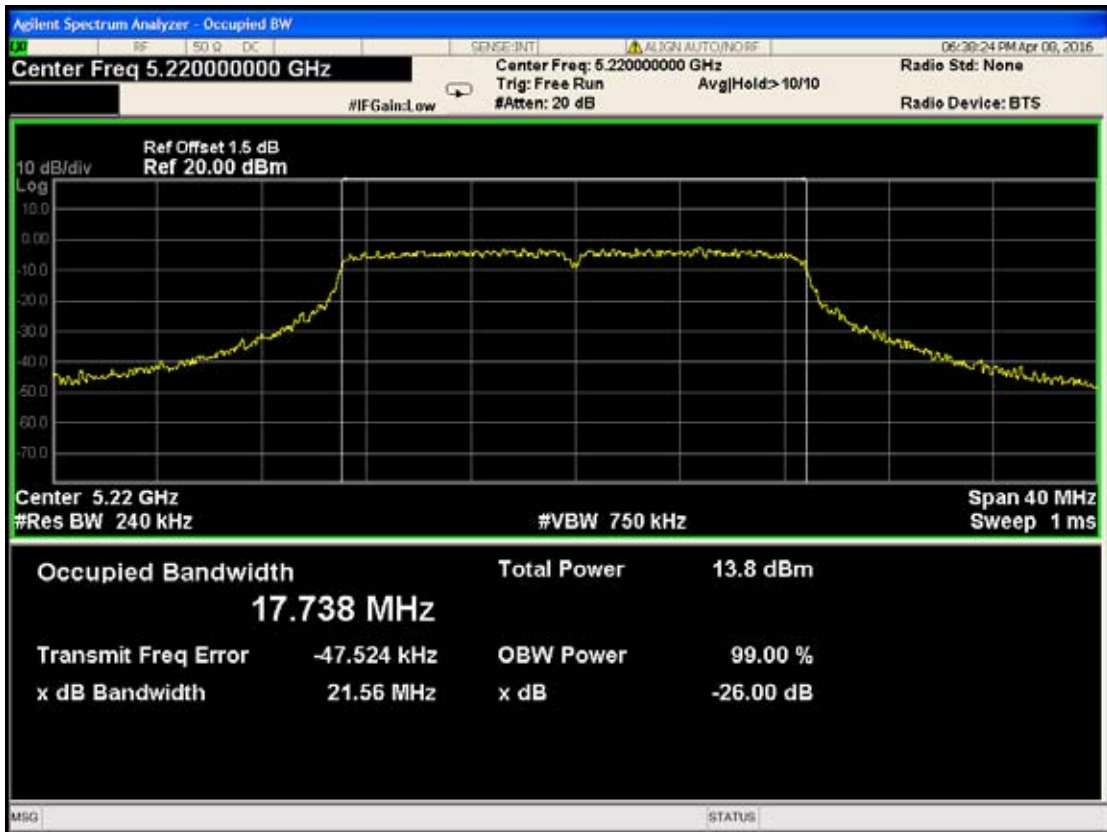


9.4.2. 802.11n HT20

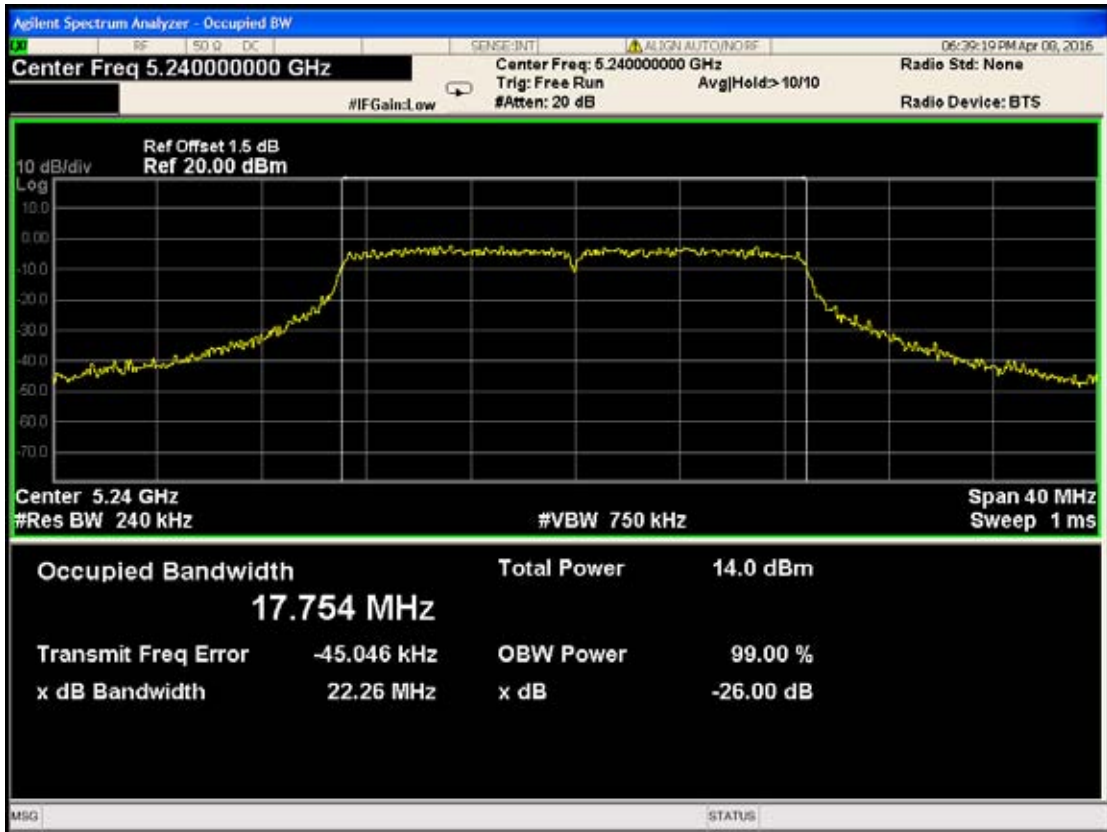
CH 36



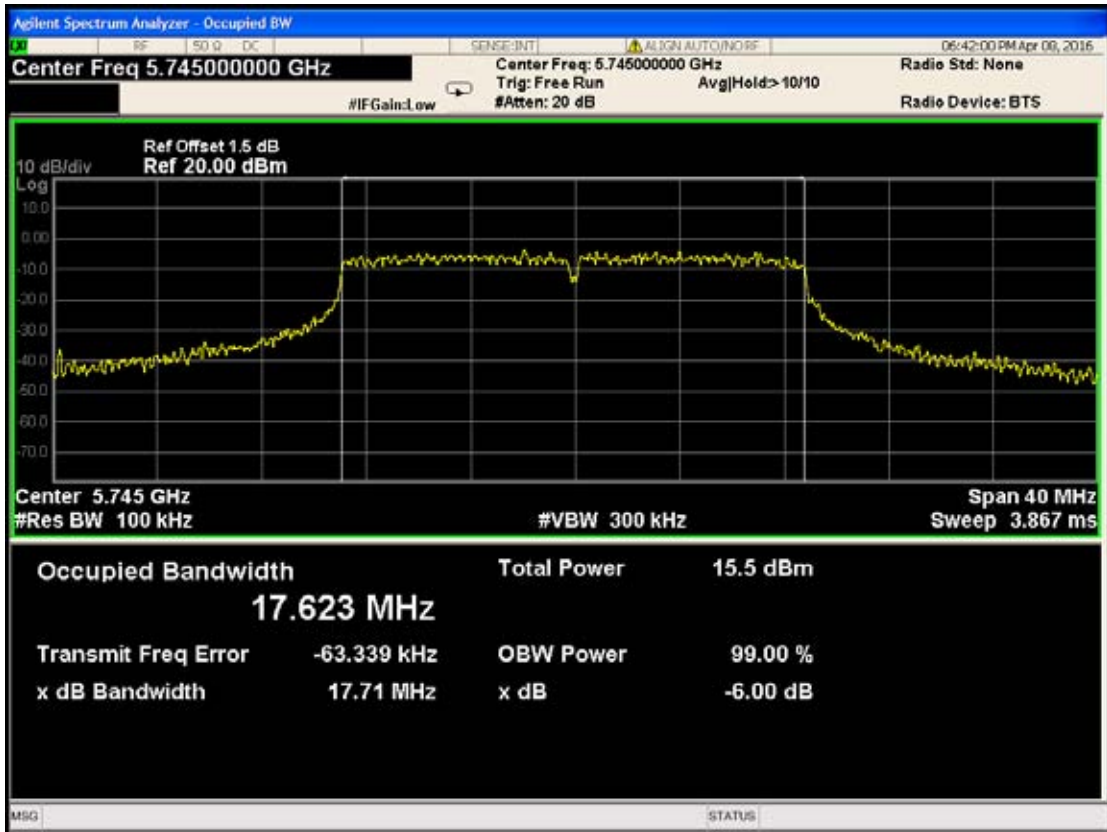
CH 44



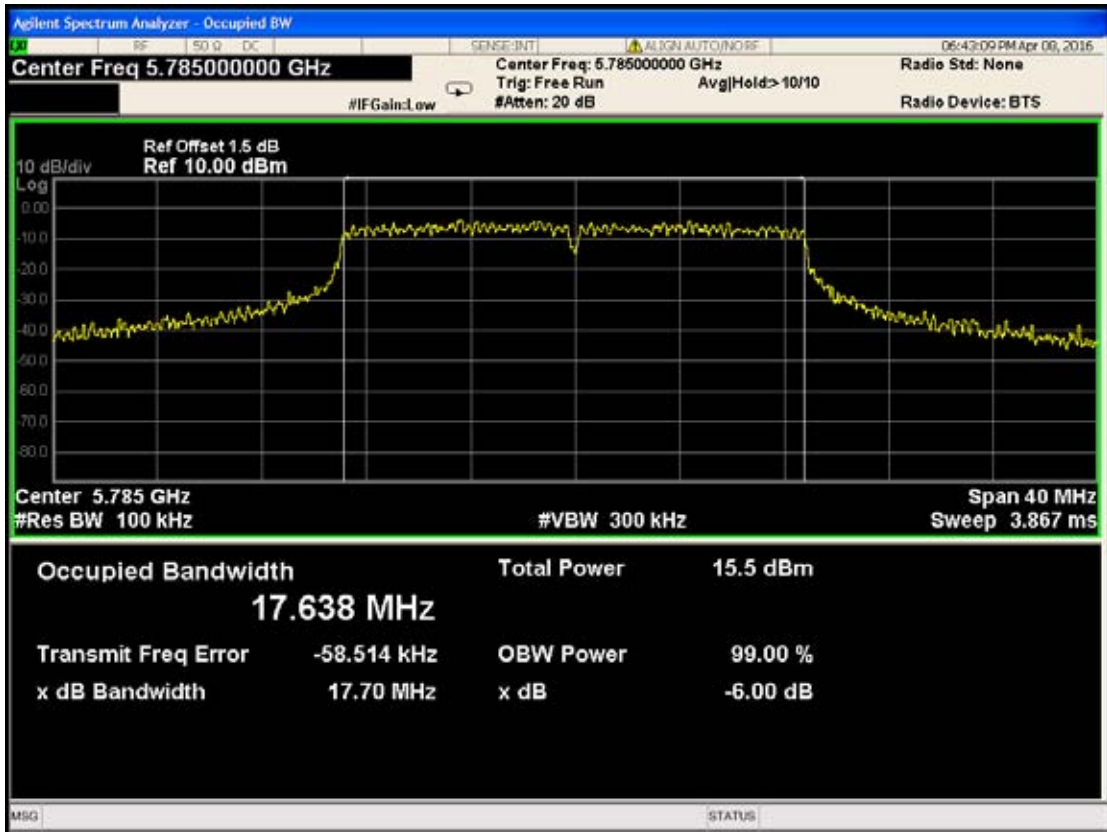
CH 48



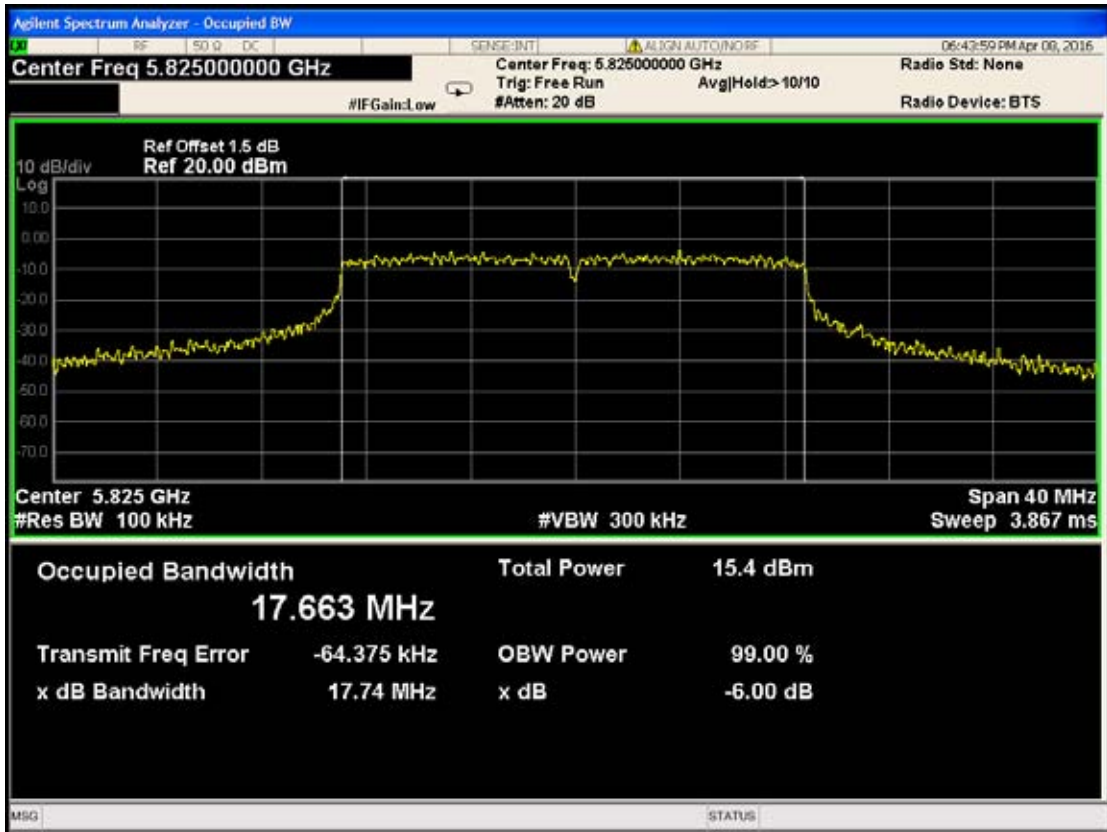
CH 149



CH 157



CH 165

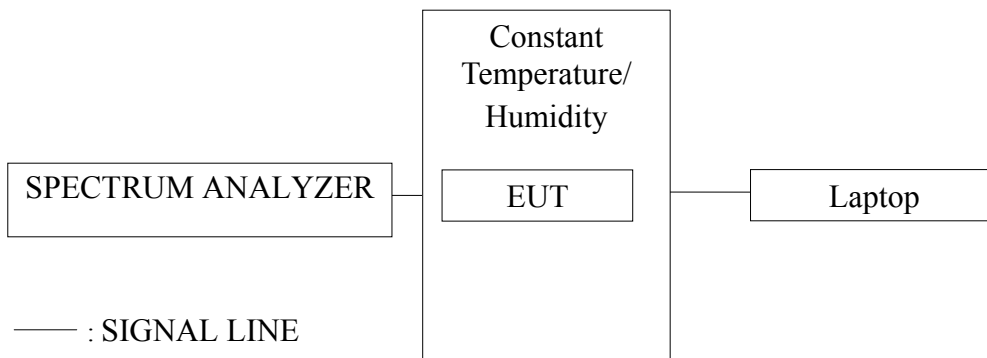


## 10.Frequency Stability Measurement

### 10.1.Test Equipment

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	N9030A	MY53120367	2016-05-15	2017-05-14
2.	Constant Temperature/ Humidity	Titech	MHQ-120CLUB	A60614	2015-08-06	2016-08-05

### 10.2.Block Diagram of Test Setup



### 10.3.Specification Limits

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emissions is maintained within the band of operation under all conditions of normal operation as specified in the user’s manual or  $\pm 20$ ppm.

### 10.4.Test Results

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

Operation Frequency:5180MHz									
Temp (°C)	Power (Vac)	0 Minute		2Minute		5Minute		10 Minute	
		Measured Frequency (MHz)	Frequency Tolerance (ppm)	Measured Frequency (MHz)	Frequency Tolerance (ppm)	Measured Frequency (MHz)	Frequency Tolerance (ppm)	Measured Frequency (MHz)	Frequency Tolerance (ppm)
-20	Normal	5180.0108	2.08	5180.0114	2.39	5180.0105	2.03	5180.0125	2.89
-10		5180.0124	2.39	5180.0104	2.39	5180.0102	1.97	5180.0121	2.72
0		5180.0203	3.92	5180.0108	2.08	5180.0109	2.10	5180.0111	2.14
10		5179.9835	-3.18	5179.9809	-3.69	5179.9818	-3.51	5179.9800	-3.86
20		5179.9800	-3.86	5179.9835	-3.18	5179.9815	-3.57	5179.9818	-3.51
30		5179.9823	-3.42	5179.9881	-2.30	5179.9870	-3.86	5179.9870	-3.86
40		5180.0181	3.49	5180.0187	3.61	5180.0187	3.61	5180.0181	3.49
50		5180.0108	2.08	5180.0203	3.92	5180.0108	2.08	5180.0108	2.08
20	Max	5179.9794	-3.97	5179.9805	-3.76	5179.9823	-3.41	5179.9823	-3.41
	Min	5179.9823	-3.41	5179.9815	-3.57	5179.9815	-3.57	5179.9826	-3.36

## **11.DEVIATION TO TEST SPECIFICATIONS**

**【NONE】**