

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

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Report Number : ACWE-F1305003A
Date of Test : Apr.09~11, 2016
Date of Report : May 04, 2016

TABLE OF CONTENTS

| <u>Description</u> | <u>Page</u> |
|---|-------------|
| TEST REPORT CERTIFICATION | 4 |
| 1. DESCRIPTION OF VERSION..... | 4 |
| 2. SUMMARY OF MEASUREMENTS AND RESULTS | 5 |
| 3. GENERAL INFORMATION..... | 6 |
| 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 |
| 4. RADIATED EMISSION MEASUREMENT | 9 |
| 4.1.Test Equipment | 9 |
| 4.2.Block Diagram of Test Setup..... | 9 |
| 4.3.Radiated Emission Limits | 10 |
| 4.4.Test Procedure | 11 |
| 4.5.Measurement Results..... | 12 |
| 4.6.Restricted Bands Measurement Results (For Below 1GHz)..... | 14 |
| 4.7.Restricted Bands Measurement Results (For Above 1GHz) | 32 |
| 4.8.Spurious Emission Measurement Results in Band Edge Emission | 68 |
| 5. 6 DB BANDWIDTH MEASUREMENT | 92 |
| 5.1.Test Equipment | 92 |
| 5.2.Block Diagram of Test Setup..... | 92 |
| 5.3.Specification Limits (§15.247(a)(2)) | 92 |
| 5.4.Test Results..... | 92 |
| 6. OUTPUT POWER MEASUREMENT..... | 98 |
| 6.1.Test Equipment | 98 |
| 6.2.Block Diagram of Test Setup..... | 98 |
| 6.3.Specification Limits (§15.247(b)(3)) | 98 |
| 6.4.Test Results..... | 98 |
| 7. POWER SPECTRAL DENSITY MEASUREMENT | 101 |
| 7.1.Test Equipment | 101 |
| 7.2.Block Diagram of Test Setup..... | 101 |
| 7.3.Specification Limits (§15.247(e)) | 101 |
| 7.4.Test Results..... | 101 |
| 8. EMISSION LIMITATIONS MEASUREMENT..... | 107 |
| 8.1.Test Equipment | 107 |
| 8.2.Block Diagram of Test Setup..... | 107 |
| 8.3.Specification Limits (§15.247(d)) | 107 |
| 8.4.Test Results..... | 107 |
| 9. DEVIATION TO TEST SPECIFICATIONS | 175 |

TEST REPORT CERTIFICATION

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

Applicable Standards:

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

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

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

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

Date of Test: Apr.09~11, 2016

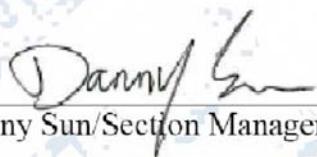
Date of Report: May 04, 2016

Prepared by :



(Emma Hu/Assistant Administrator)

Reviewer :



(Danny Sun/Section Manager)

Approved & Authorized Signer :



(Ken Lu/ Assistant General Manager)

1. Description of Version

| Edition No. | Date of Rev. | Summary | Report No. |
|-------------|--------------|---|----------------|
| 0 | May 10, 2013 | Original Report. | ACWE-F1305003 |
| Rev. A | May 04, 2016 | Update the standard from ANSI C63.10-2009 to ANSI C63.10-2013 | ACWE-F1305003A |

2. SUMMARY OF MEASUREMENTS AND RESULTS

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

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

3. GENERAL INFORMATION

3.1. Description of Device (EUT)

Description : TI-Nspire CX Navigator Access Point
 Model No. : TINAVAP3-2
 FCC ID : V7R-TINAVAP3
 Brand : TEXAS INSTRUMENTS
 Applicant : Texas Instruments Incorporated
 12500 TI Boulevard Dallas, TX 75243-4136 USA
 Manufacturer : Inventec Appliances(Pudong) Corporation
 No. 789 Pu Xing Road, Shanghai, PRC
 Radio Technology : DSSS &OFDM
 Antenna Gain : 3.3dB
 Type of Network : IEEE 802.11 b/g/n HT20
 Fundamental Range : 2400 MHz -2483.5MHz
 Tested Frequency : 2412MHz (Channel 1)
 2437MHz (Channel 6)
 2462MHz (Channel 11)
 Date of Receipt of Sample : Mar.24, 2016
 Date of Test : Apr.09~11, 2016

3.2. UUT's Configuration

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

3.3. Operating Condition of EUT

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

3.4. Tested Supporting System Details

3.4.1. TI-nspire CX CAS (NSC)

Manufacturer : TI
 Brand : TEXAS INSTRUMENTS

3.4.2. TI-nspire CX Wireless Network Adapter v2

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

3.4.3. Laptop Computer

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

3.5. Description of Test Facility

| | | |
|--------------------------------------|---|--|
| Name of Firm | : | Audix Technology (Wujiang) Co., Ltd. EMC Dept. |
| Site Location | : | No. 1289 Jiangxing East Road, the Eastern Part of Wujiang Economic Development Zone Jiangsu China 215200 |
| Test Facilities | : | No.1 Conducted Shielding Enclosure |
| No.1 3m Semi-anechoic Chamber | | |
| Date of Validity: Mar.30, 2018 | | |
| FCC Registration No.: 897661 | | |
| IC Registration No.:5183D-2 | | |
| RF Fully Chamber | | |
| NVLAP Lab Code | : | 200786-0 Valid until on Sep. 30, 2016 (NVLAP is a signatory member of ILAC MRA) Remark: This report shall not be imply endorsement, certification or approval by NVLAP, NIST, or any agency of the U.S. Federal Government. |

3.6. Measurement Uncertainty

| Test Item | Range Frequency | Uncertainty |
|---|-----------------|-------------|
| No.1 Conducted Disturbance Measurement | 0.15MHz ~ 30MHz | ± 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 |
| 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

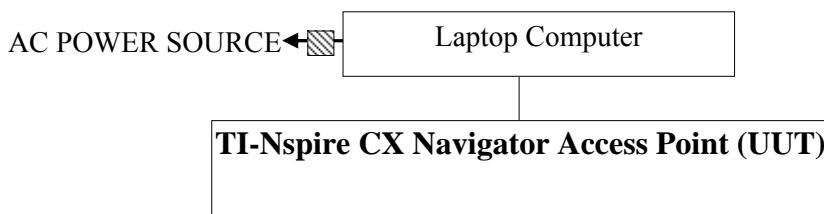
4.1. Test Equipment

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

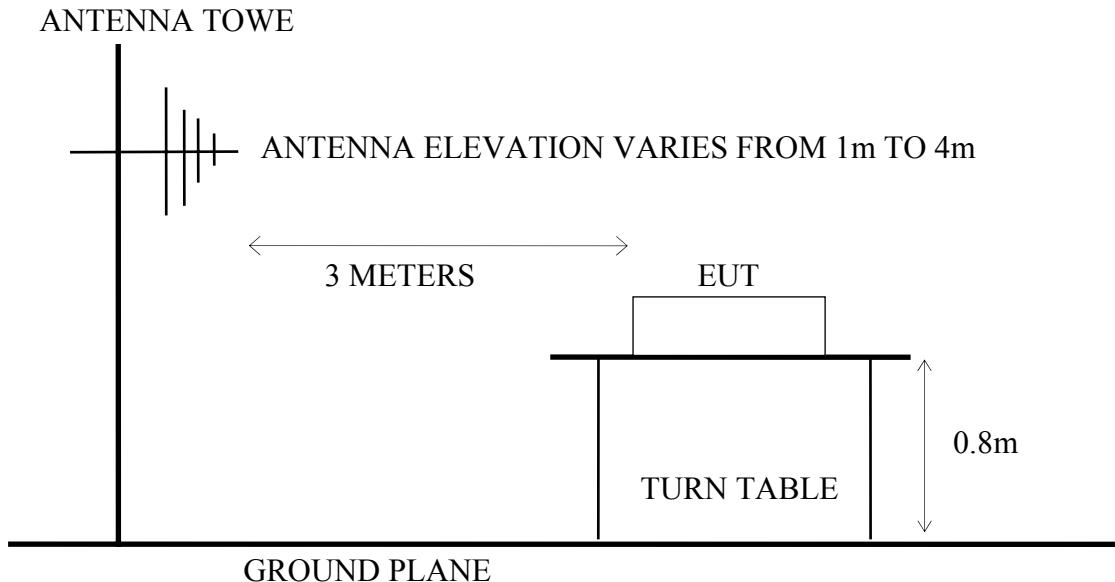


— : POWER LINE

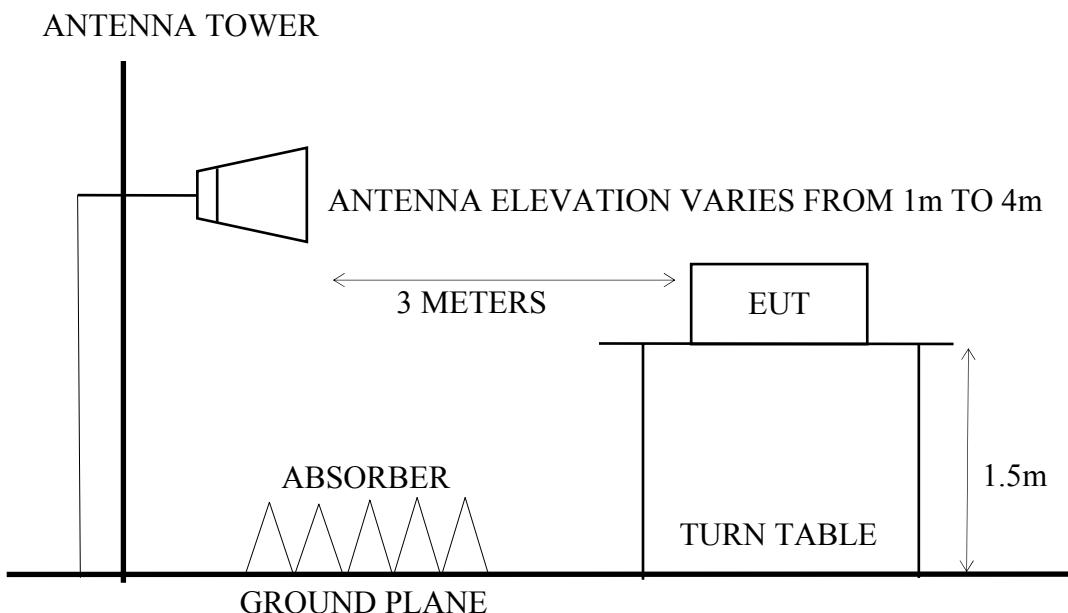
— : SIGNAL LINE

■ : AC ADAPTER

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



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



4.3. Radiated Emission Limits

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

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

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

4.4. Test Procedure

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

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

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

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

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

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

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

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

1. For 30-1000MHz measurement:

Emission Level (dB μ V/m) = Reading (dB μ V)+Antenna Factor (dB/m)+Cable Loss (dB)

2. For Above 1GHz measurement:

Emission Level (dB μ V/m) = Reading (dB μ V)+Antenna Factor (dB/m)+Cable Loss(dB)
-Pre-amplifier factor (dB)

4.5. Measurement Results

PASSED

4.5.1. For Restricted Bands:

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

Test Date : Apr.10, 2016 Temperature : 20.7°C Humidity : 43%

For Frequency range: below 1GHz

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

For Frequency range: above 1GHz

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

4.5.2. For Band Edge Emission

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

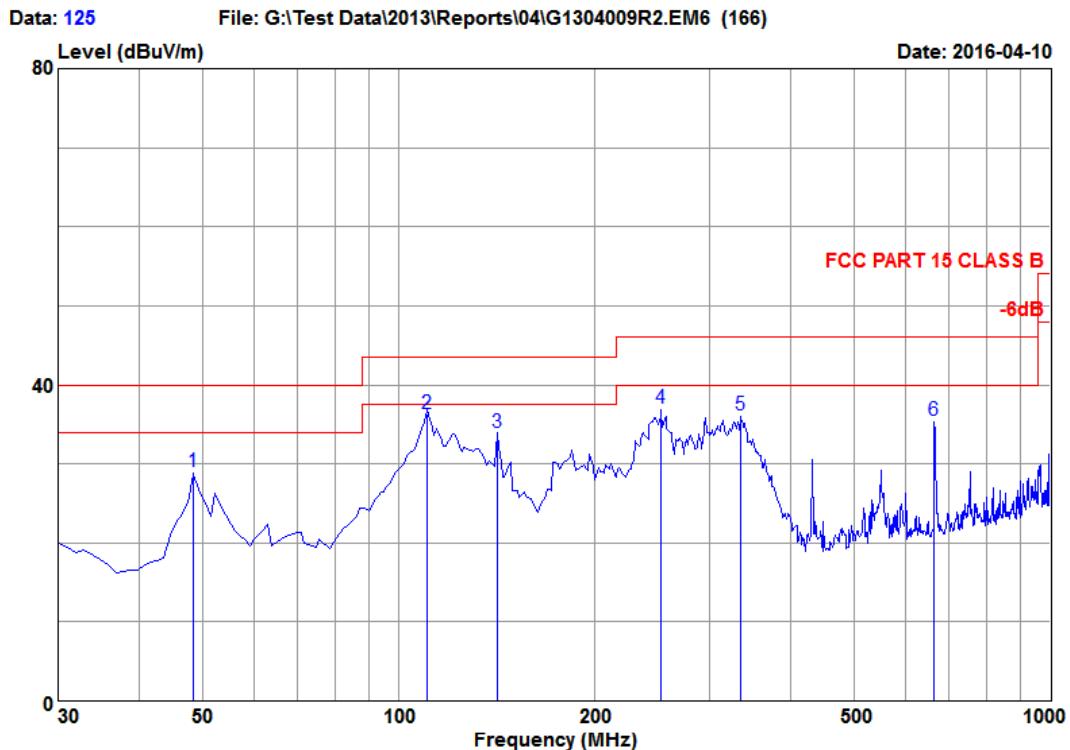
| No. | Test Mode and Frequency | Reference Test Data No. | |
|-----|-------------------------|-------------------------|--|
| | | Horizontal | Vertical |
| 1. | Transmitting 802.11b | 2412MHz (Channel 1) | #1 , #3 #2 , #4 |
| 2. | | 2462MHz (Channel 11) | #5 , #7 #6 , #8 |
| 3. | | 2412MHz (Channel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

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

4.6.1. Type of Network : IEEE 802.11b



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Site NO. : 3m Chamber
Dis. / Ant. : 3m 6112D(22253)-150805
Limit : FCC PART 15 CLASS B
Env. / Ins. : 20.7*43%ESCI
EUT : TI-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating : DC 5V
Test Mode : TX 802.11b CH1 2412MHz
Memo :

Data NO. :125
Ant. pol. : HORIZONTAL
Engineer : Mickey

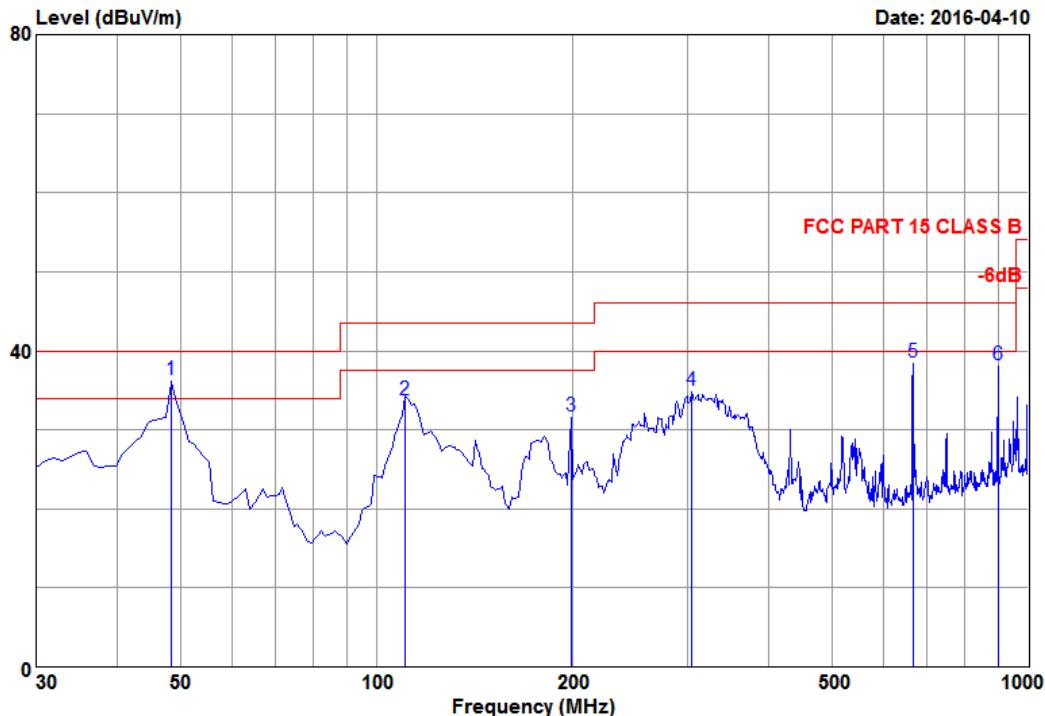
| Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|----------------|--------------------------|-----------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 48.43 | 9.80 | 0.60 | 45.84 | 28.94 | 40.00 | 11.06 | QP |
| 2 110.51 | 12.30 | 0.90 | 50.24 | 36.28 | 43.50 | 7.22 | QP |
| 3 141.55 | 12.08 | 1.03 | 47.83 | 33.91 | 43.50 | 9.59 | QP |
| 4 253.10 | 13.43 | 1.44 | 48.80 | 36.98 | 46.00 | 9.02 | QP |
| 5 335.55 | 14.93 | 1.69 | 46.41 | 36.18 | 46.00 | 9.82 | QP |
| 6 664.38 | 19.72 | 2.50 | 41.18 | 35.56 | 46.00 | 10.44 | QP |

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



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Data: 126 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber
Dis. / Ant. : 3m 6112D(22253)-150805
Limit : FCC PART 15 CLASS B
Env. / Ins. : 20.7*43%ESCI
EUT : TI-nspire CX navigator access point
M/N : TINAVAP3-2
Power Rating : DC 5V
Test Mode : TX 802.11b CH1 2412MHz
Memo :

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

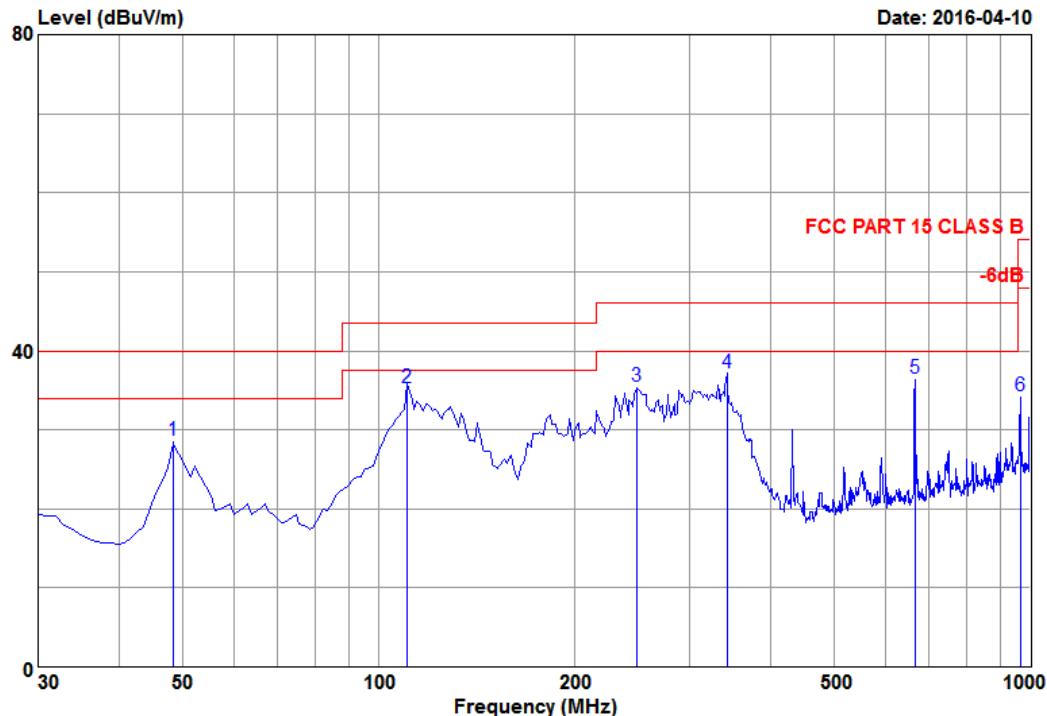
| Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|----------------|--------------------------|-----------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 48.43 | 9.80 | 0.60 | 53.32 | 36.42 | 40.00 | 3.58 | QP |
| 2 110.51 | 12.30 | 0.90 | 47.76 | 33.80 | 43.50 | 9.70 | QP |
| 3 198.78 | 10.18 | 1.26 | 47.10 | 31.74 | 43.50 | 11.76 | QP |
| 4 304.51 | 14.13 | 1.60 | 45.89 | 34.99 | 46.00 | 11.01 | QP |
| 5 665.35 | 19.73 | 2.51 | 44.14 | 38.55 | 46.00 | 7.45 | QP |
| 6 898.15 | 21.78 | 3.02 | 40.68 | 38.27 | 46.00 | 7.73 | QP |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit
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Data: 127 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 802.11b CH6 2437MHz
Memo :

Data NO. :127
Ant. pol. : HORIZONTAL
Engineer : Mickey

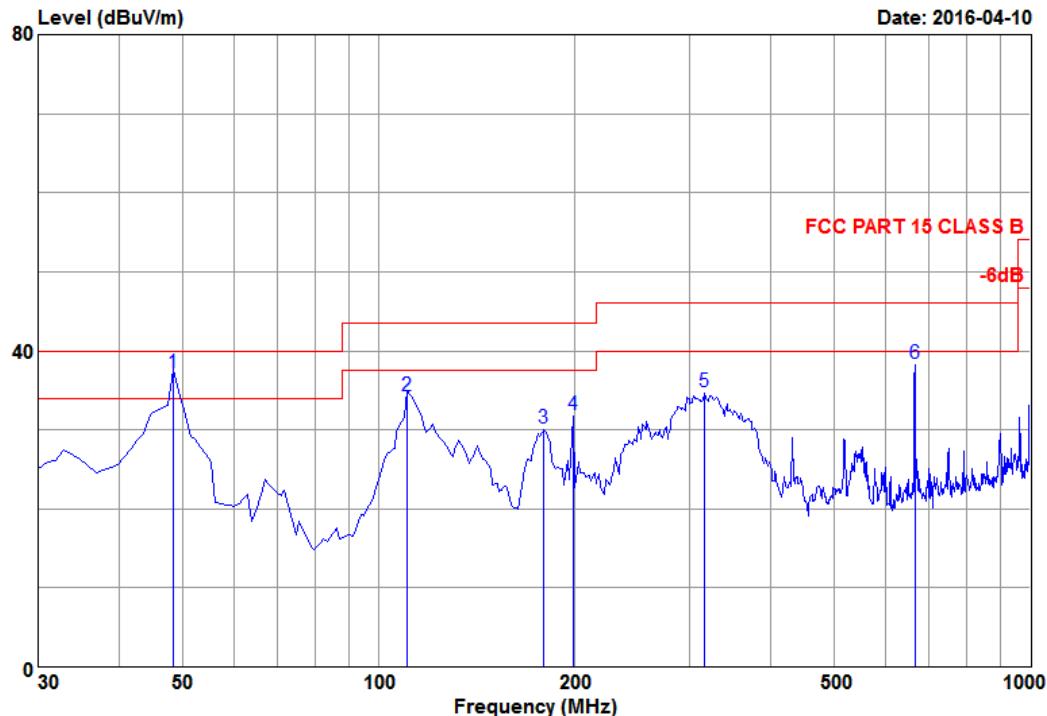
| Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission | | | |
|----------------|--------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|--------|
| | | | | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
| 1 48.43 | 9.80 | 0.60 | 45.63 | 28.73 | 40.00 | 11.27 | QP |
| 2 110.51 | 12.30 | 0.90 | 49.32 | 35.36 | 43.50 | 8.14 | QP |
| 3 249.22 | 13.11 | 1.42 | 47.57 | 35.40 | 46.00 | 10.60 | QP |
| 4 342.34 | 15.11 | 1.71 | 47.35 | 37.27 | 46.00 | 8.73 | QP |
| 5 665.35 | 19.73 | 2.51 | 42.16 | 36.57 | 46.00 | 9.43 | QP |
| 6 967.02 | 22.40 | 3.25 | 35.54 | 34.26 | 54.00 | 19.74 | QP |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit
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Data: 128 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 802.11b CH6 2437MHz
Memo :

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

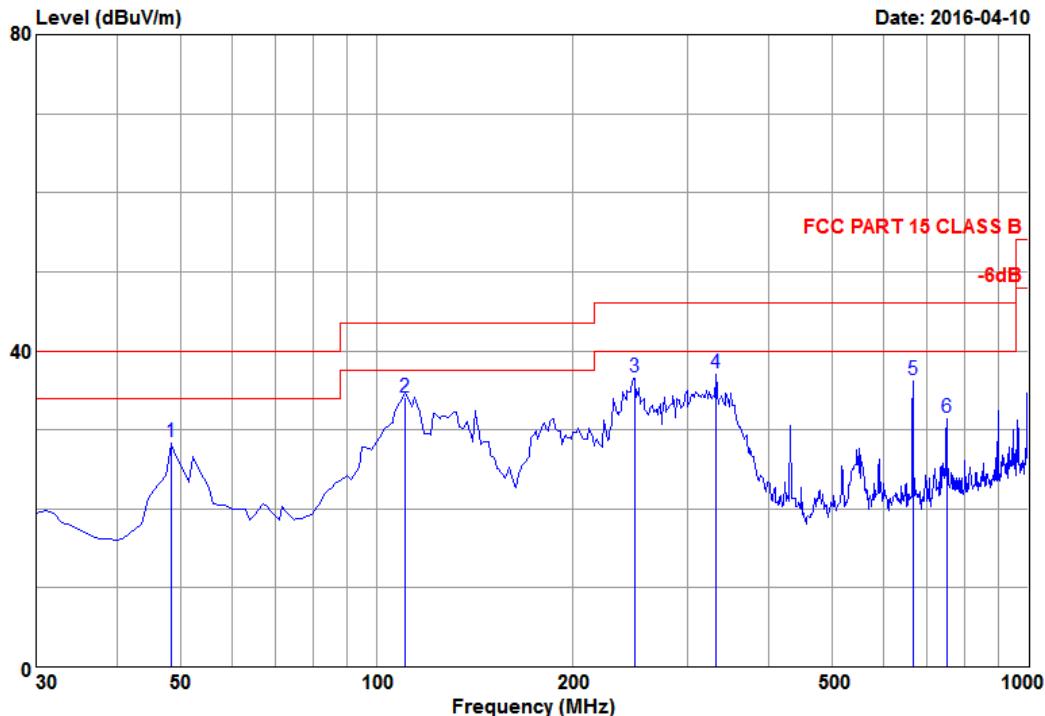
| Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission | | | |
|----------------|--------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|--------|
| | | | | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
| 1 48.43 | 9.80 | 0.60 | 54.04 | 37.14 | 40.00 | 2.86 | QP |
| 2 110.51 | 12.30 | 0.90 | 48.32 | 34.36 | 43.50 | 9.14 | QP |
| 3 179.38 | 9.76 | 1.18 | 46.19 | 30.25 | 43.50 | 13.25 | QP |
| 4 198.78 | 10.18 | 1.26 | 47.25 | 31.89 | 43.50 | 11.61 | QP |
| 5 316.15 | 14.43 | 1.64 | 45.41 | 34.77 | 46.00 | 11.23 | QP |
| 6 665.35 | 19.73 | 2.51 | 43.91 | 38.32 | 46.00 | 7.68 | QP |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit
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Data: 129 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



| | | |
|----------------|-------------------------------------|------------------------|
| Site NO. : | 3m Chamber | Data NO. :129 |
| 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 802.11b CH11 2462MHz | |
| Memo : | | |

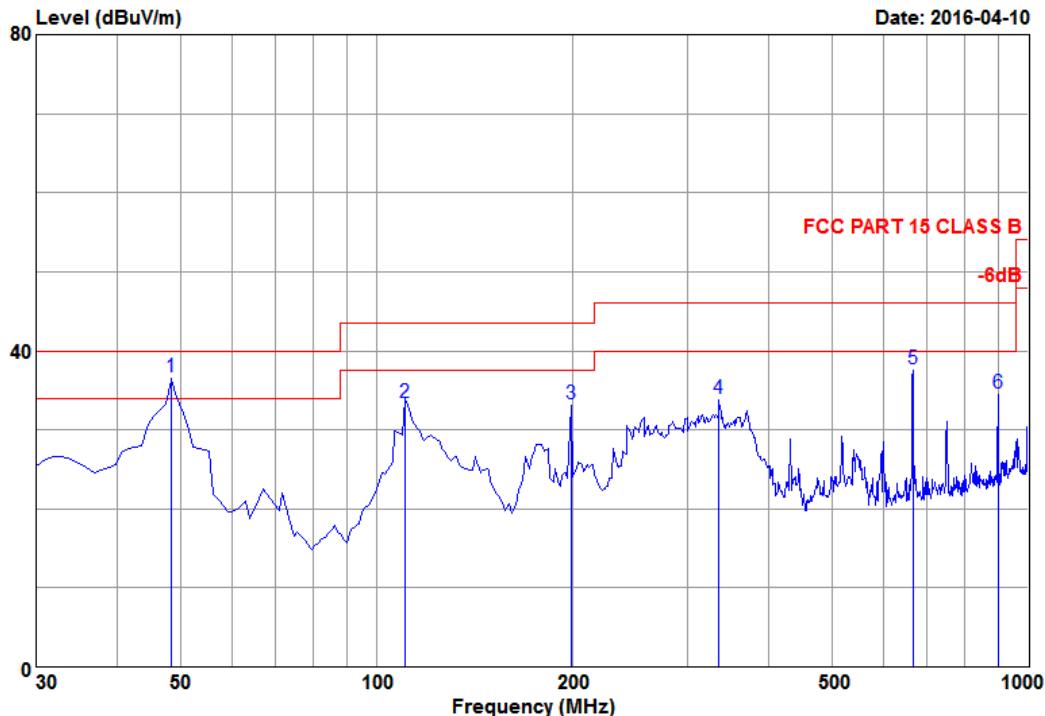
| Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission | | | |
|----------------|--------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|--------|
| | | | | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
| 1 48.43 | 9.80 | 0.60 | 45.36 | 28.46 | 40.00 | 11.54 | QP |
| 2 110.51 | 12.30 | 0.90 | 48.12 | 34.16 | 43.50 | 9.34 | QP |
| 3 249.22 | 13.11 | 1.42 | 48.88 | 36.71 | 46.00 | 9.29 | QP |
| 4 331.67 | 14.83 | 1.68 | 47.42 | 37.11 | 46.00 | 8.89 | QP |
| 5 665.35 | 19.73 | 2.51 | 41.92 | 36.33 | 46.00 | 9.67 | QP |
| 6 749.74 | 20.35 | 2.70 | 36.34 | 31.59 | 46.00 | 14.41 | QP |

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



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Data: 130 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber
Dis. / Ant. : 3m 6112D(22253)-150805
Limit : FCC PART 15 CLASS B
Env. / Ins. : 20.7*43%ESCI
EUT : TI-nspire CX navigator access point
M/N : TINAVAP3-2
Power Rating : DC 5V
Test Mode : TX 802.11b CH11 2462MHz
Memo :

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

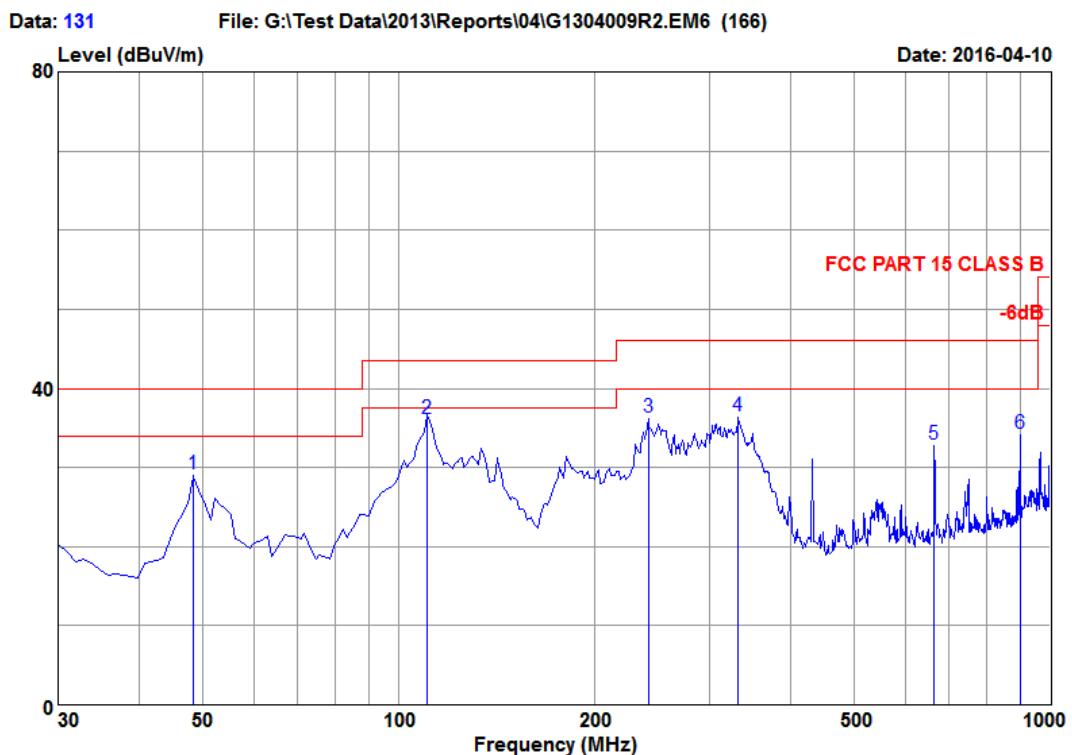
| Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|----------------|--------------------------|-----------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 48.43 | 9.80 | 0.60 | 53.66 | 36.76 | 40.00 | 3.24 | QP |
| 2 110.51 | 12.30 | 0.90 | 47.38 | 33.42 | 43.50 | 10.08 | QP |
| 3 198.78 | 10.18 | 1.26 | 48.70 | 33.34 | 43.50 | 10.16 | QP |
| 4 335.55 | 14.93 | 1.69 | 44.24 | 34.01 | 46.00 | 11.99 | QP |
| 5 665.35 | 19.73 | 2.51 | 43.36 | 37.77 | 46.00 | 8.23 | QP |
| 6 898.15 | 21.78 | 3.02 | 37.13 | 34.72 | 46.00 | 11.28 | QP |

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

4.6.2. Type of Network : IEEE 802.11g



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| | | | | |
|--------------|---|--------------------------------------|-------------|------------|
| Site NO. | : | 3m Chamber | Data NO. : | 131 |
| Dis. / Ant. | : | 3m 6112D(22253)-150805 | Ant. pol. : | HORIZONTAL |
| Limit | : | FCC PART 15 CLASS B | | |
| Env. / Ins. | : | 20.7*43%/ESCI | Engineer : | Mickey |
| EUT | : | TI-inspire CX navigator access point | | |
| M/N | : | TINAVAP3-2 | | |
| Power Rating | : | DC 5V | | |
| Test Mode | : | TX 802.11g CH1 2412MHz | | |
| Memo | : | | | |

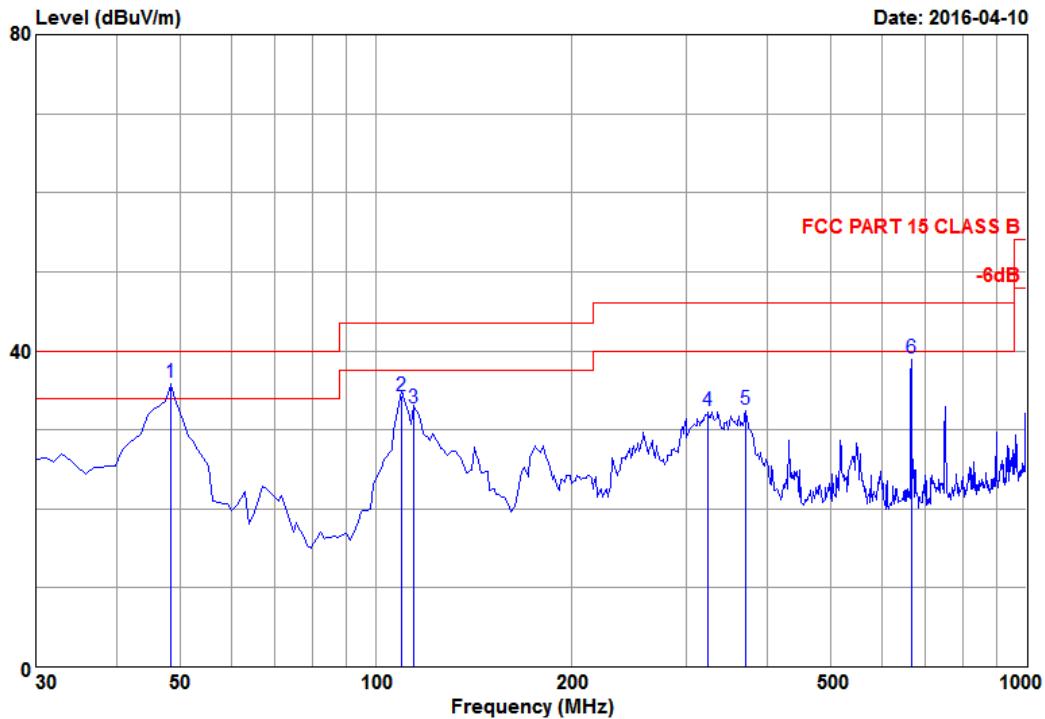
| Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|----------------|--------------------------|-----------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 48.43 | 9.80 | 0.60 | 46.13 | 29.23 | 40.00 | 10.77 | QP |
| 2 110.51 | 12.30 | 0.90 | 50.14 | 36.18 | 43.50 | 7.32 | QP |
| 3 241.46 | 12.46 | 1.40 | 49.26 | 36.40 | 46.00 | 9.60 | QP |
| 4 331.67 | 14.83 | 1.68 | 46.83 | 36.52 | 46.00 | 9.48 | QP |
| 5 664.38 | 19.72 | 2.50 | 38.60 | 32.98 | 46.00 | 13.02 | QP |
| 6 898.15 | 21.78 | 3.02 | 36.78 | 34.37 | 46.00 | 11.63 | QP |

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



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Data: 132 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber
Dis. / Ant. : 3m 6112D(22253)-150805
Limit : FCC PART 15 CLASS B
Env. / Ins. : 20.7*43%ESCI
EUT : TI-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating : DC 5V
Test Mode : TX 802.11g CH1 2412MHz
Memo :

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

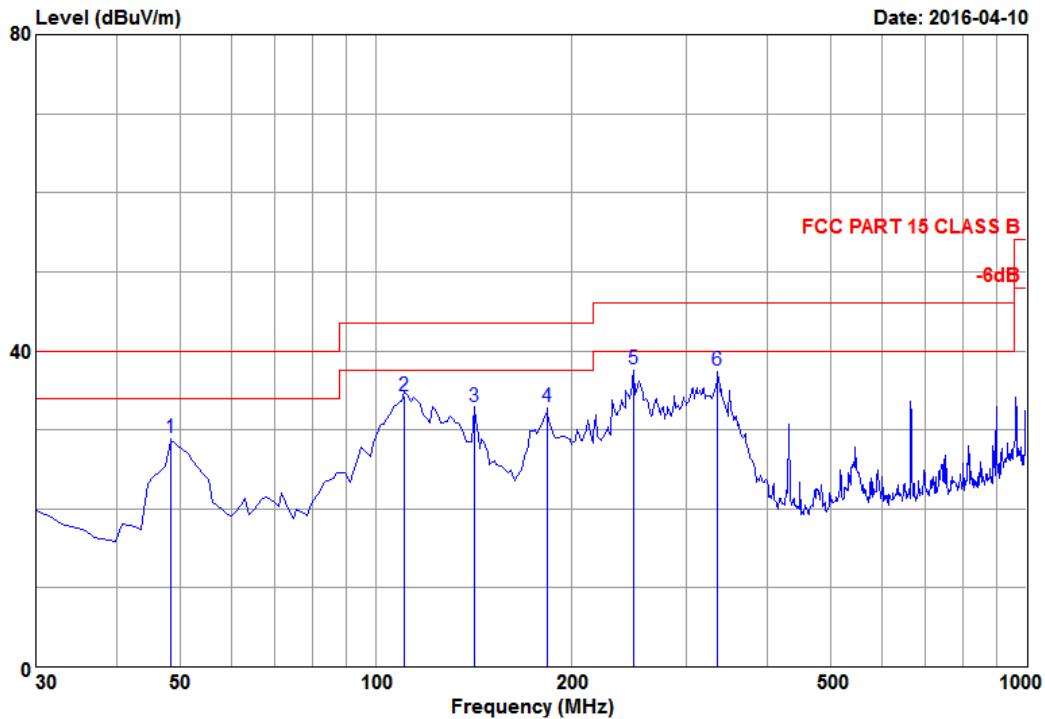
| Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission | | | |
|----------------|--------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|--------|
| | | | | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
| 1 48.43 | 9.80 | 0.60 | 52.98 | 36.08 | 40.00 | 3.92 | QP |
| 2 109.54 | 12.20 | 0.90 | 48.39 | 34.33 | 43.50 | 9.17 | QP |
| 3 114.39 | 12.66 | 0.92 | 46.24 | 32.68 | 43.50 | 10.82 | QP |
| 4 323.91 | 14.63 | 1.66 | 42.83 | 32.35 | 46.00 | 13.65 | QP |
| 5 369.50 | 15.82 | 1.79 | 42.10 | 32.62 | 46.00 | 13.38 | QP |
| 6 665.35 | 19.73 | 2.51 | 44.58 | 38.99 | 46.00 | 7.01 | QP |

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



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Data: 133 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



| | | | | | |
|--------------|---|--------------------------------------|-----------|---|------------|
| Site NO. | : | 3m Chamber | Data NO. | : | 133 |
| Dis. / Ant. | : | 3m 6112D(22253)-150805 | Ant. pol. | : | HORIZONTAL |
| Limit | : | FCC PART 15 CLASS B | Engineer | : | Mickey |
| Env. / Ins. | : | 20.7*43%ESCI | | | |
| EUT | : | TI-inspire CX navigator access point | | | |
| M/N | : | TINAVAP3-2 | | | |
| Power Rating | : | DC 5V | | | |
| Test Mode | : | TX 802.11g CH6 2437MHz | | | |
| Memo | : | | | | |

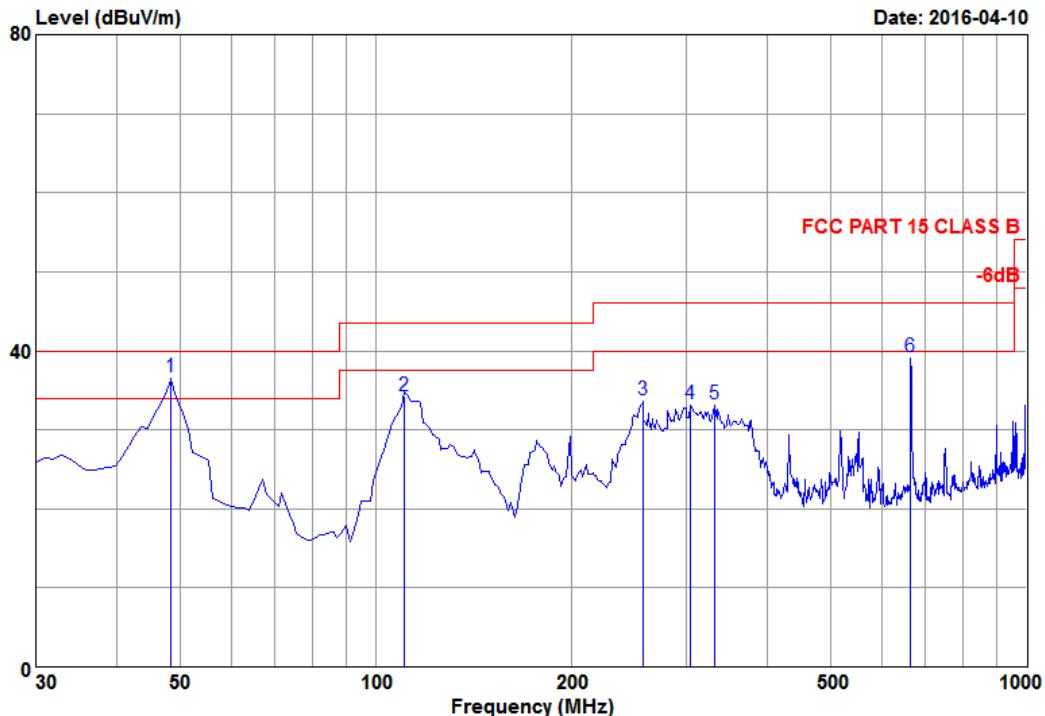
| Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB _B V) | Emission | | | Remark |
|----------------|--------------------------|-----------------------|--------------------------------|--------------------------------|---------------------------------|----------------|--------|
| | | | | Level (dB _B V/m) | Limits (dB _B V/m) | Margin (dB) | |
| 1 48.43 | 9.80 | 0.60 | 45.86 | 28.96 | 40.00 | 11.04 | QP |
| 2 110.51 | 12.30 | 0.90 | 48.31 | 34.35 | 43.50 | 9.15 | QP |
| 3 141.55 | 12.08 | 1.03 | 46.89 | 32.97 | 43.50 | 10.53 | QP |
| 4 183.26 | 9.77 | 1.19 | 48.75 | 32.84 | 43.50 | 10.66 | QP |
| 5 249.22 | 13.11 | 1.42 | 49.83 | 37.66 | 46.00 | 8.34 | QP |
| 6 335.55 | 14.93 | 1.69 | 47.77 | 37.54 | 46.00 | 8.46 | QP |

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



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Data: 134 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber
Dis. / Ant. : 3m 6112D(22253)-150805
Limit : FCC PART 15 CLASS B
Env. / Ins. : 20.7*43%ESCI
EUT : TI-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating : DC 5V
Test Mode : TX 802.11g CH6 2437MHz
Memo :

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

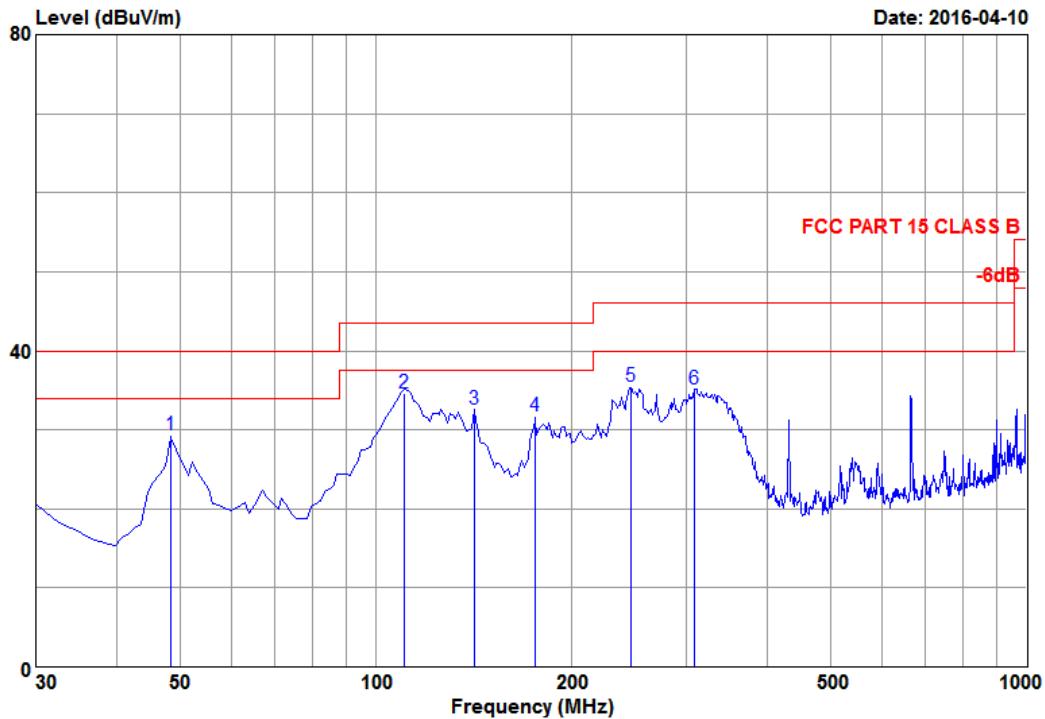
| Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission | | | |
|----------------|--------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|--------|
| | | | | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
| 1 48.43 | 9.80 | 0.60 | 53.65 | 36.75 | 40.00 | 3.25 | QP |
| 2 110.51 | 12.30 | 0.90 | 48.19 | 34.23 | 43.50 | 9.27 | QP |
| 3 256.98 | 13.76 | 1.45 | 45.24 | 33.76 | 46.00 | 12.24 | QP |
| 4 304.51 | 14.13 | 1.60 | 44.10 | 33.20 | 46.00 | 12.80 | QP |
| 5 331.67 | 14.83 | 1.68 | 43.54 | 33.23 | 46.00 | 12.77 | QP |
| 6 664.38 | 19.72 | 2.50 | 44.91 | 39.29 | 46.00 | 6.71 | QP |

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



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Data: 135 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



| | | | | | |
|--------------|---|--------------------------------------|-----------|---|------------|
| Site NO. | : | 3m Chamber | Data NO. | : | 135 |
| Dis. / Ant. | : | 3m 6112D(22253)-150805 | Ant. pol. | : | HORIZONTAL |
| Limit | : | FCC PART 15 CLASS B | Engineer | : | Mickey |
| Env. / Ins. | : | 20.7*43%ESCI | | | |
| EUT | : | TI-inspire CX navigator access point | | | |
| M/N | : | TINAVAP3-2 | | | |
| Power Rating | : | DC 5V | | | |
| Test Mode | : | TX 802.11g CH11 2462MHz | | | |
| Memo | : | | | | |

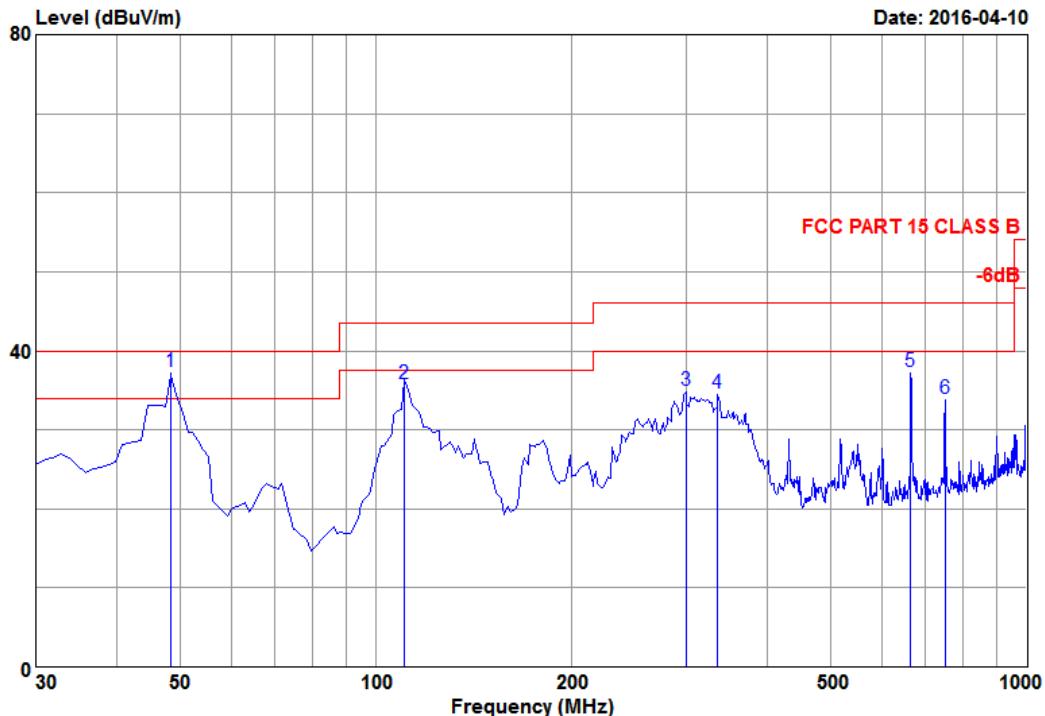
| Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission | | | Remark |
|----------------|--------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|--------|
| | | | | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | |
| 1 48.43 | 9.80 | 0.60 | 46.28 | 29.38 | 40.00 | 10.62 | QP |
| 2 110.51 | 12.30 | 0.90 | 48.52 | 34.56 | 43.50 | 8.94 | QP |
| 3 141.55 | 12.08 | 1.03 | 46.56 | 32.64 | 43.50 | 10.86 | QP |
| 4 175.50 | 9.99 | 1.16 | 47.56 | 31.81 | 43.50 | 11.69 | QP |
| 5 246.31 | 12.87 | 1.41 | 47.85 | 35.42 | 46.00 | 10.58 | QP |
| 6 309.36 | 14.25 | 1.62 | 45.99 | 35.19 | 46.00 | 10.81 | QP |

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



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Data: 136 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber
Dis. / Ant. : 3m 6112D(22253)-150805
Limit : FCC PART 15 CLASS B
Env. / Ins. : 20.7*43%/ESCI
EUT : TI-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating : DC 5V
Test Mode : TX 802.11g CH11 2462MHz
Memo :

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

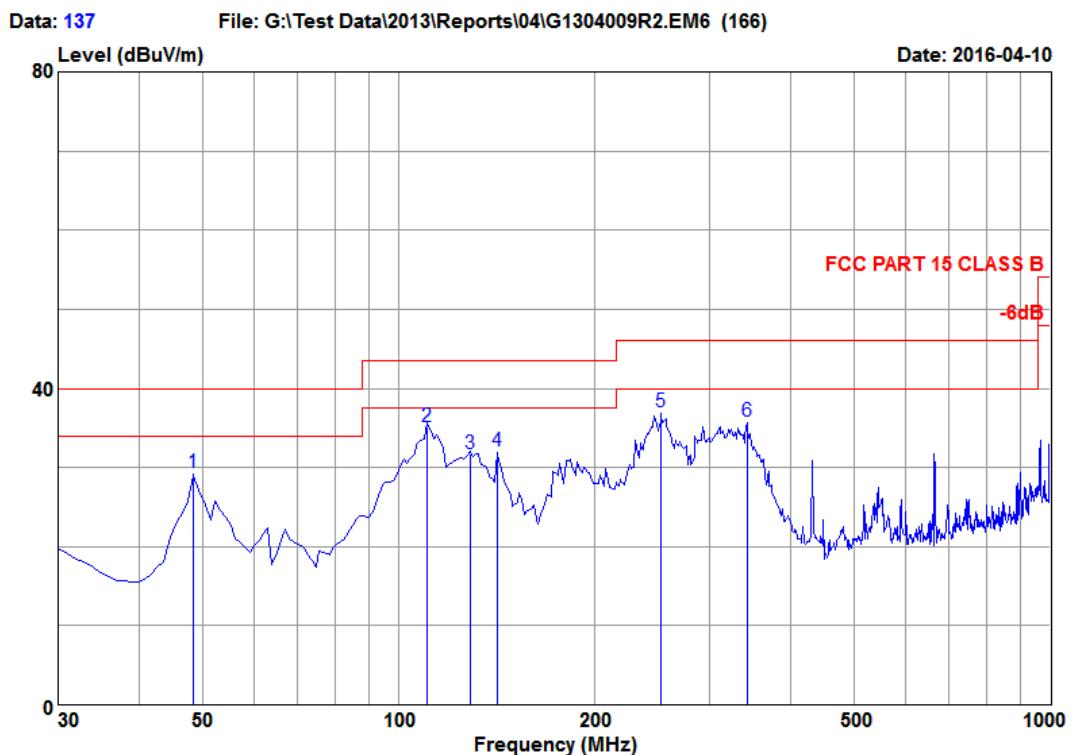
| Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|----------------|--------------------------|-----------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 48.43 | 9.80 | 0.60 | 54.22 | 37.32 | 40.00 | 2.68 | QP |
| 2 110.51 | 12.30 | 0.90 | 49.82 | 35.86 | 43.50 | 7.64 | QP |
| 3 299.66 | 14.00 | 1.59 | 45.95 | 34.94 | 46.00 | 11.06 | QP |
| 4 335.55 | 14.93 | 1.69 | 44.94 | 34.71 | 46.00 | 11.29 | QP |
| 5 664.38 | 19.72 | 2.50 | 43.06 | 37.44 | 46.00 | 8.56 | QP |
| 6 749.74 | 20.35 | 2.70 | 38.76 | 34.01 | 46.00 | 11.99 | QP |

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

4.6.3. Type of Network : IEEE 802.11n HT20



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| | | | | |
|--------------|---|--------------------------------------|-------------|------------|
| Site NO. | : | 3m Chamber | Data NO. : | 137 |
| Dis. / Ant. | : | 3m 6112D(22253)-150805 | Ant. pol. : | HORIZONTAL |
| Limit | : | FCC PART 15 CLASS B | | |
| Env. / Ins. | : | 20.7*43%/ESCI | Engineer : | Mickey |
| EUT | : | TI-inspire CX navigator access point | | |
| M/N | : | TINAVAP3-2 | | |
| Power Rating | : | DC 5V | | |
| Test Mode | : | TX 802.11nHT20 CH1 2412MHz | | |
| Memo | : | | | |

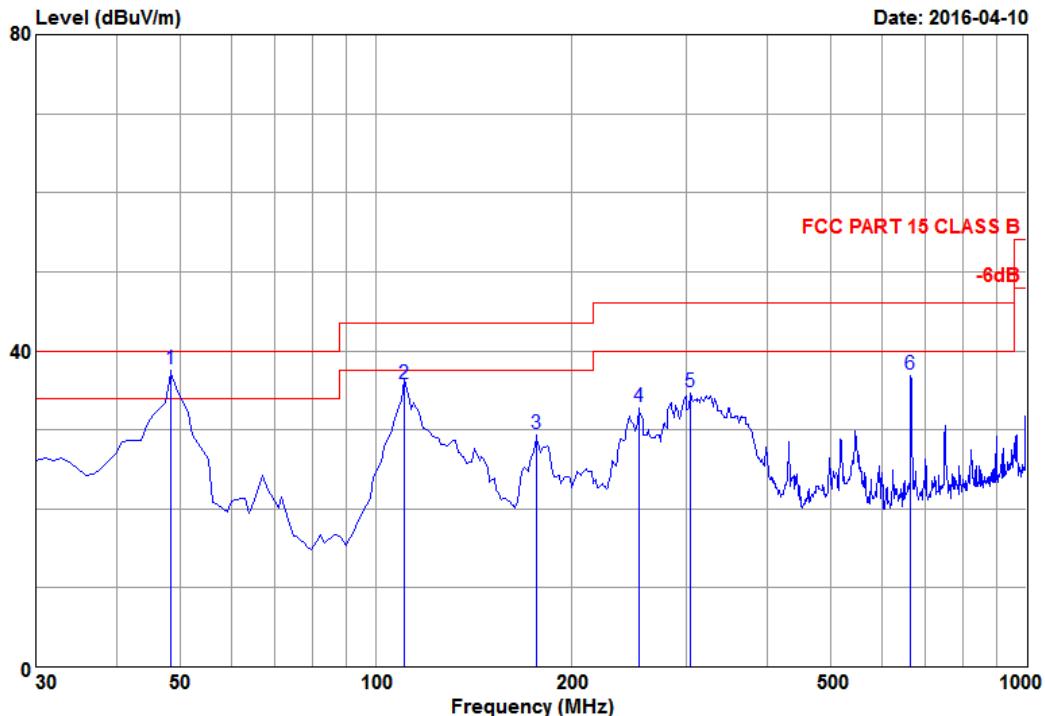
| Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|----------------|--------------------------|-----------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 48.43 | 9.80 | 0.60 | 46.24 | 29.34 | 40.00 | 10.66 | QP |
| 2 110.51 | 12.30 | 0.90 | 49.12 | 35.16 | 43.50 | 8.34 | QP |
| 3 128.94 | 12.75 | 0.98 | 45.09 | 31.74 | 43.50 | 11.76 | QP |
| 4 141.55 | 12.08 | 1.03 | 45.95 | 32.03 | 43.50 | 11.47 | QP |
| 5 253.10 | 13.43 | 1.44 | 48.79 | 36.97 | 46.00 | 9.03 | QP |
| 6 342.34 | 15.11 | 1.71 | 45.88 | 35.80 | 46.00 | 10.20 | QP |

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



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Data: 138 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber
Dis. / Ant. : 3m 6112D(22253)-150805
Limit : FCC PART 15 CLASS B
Env. / Ins. : 20.7*43%/ESCI
EUT : TI-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating : DC 5V
Test Mode : TX 802.11nHT20 CH1 2412MHz
Memo :

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

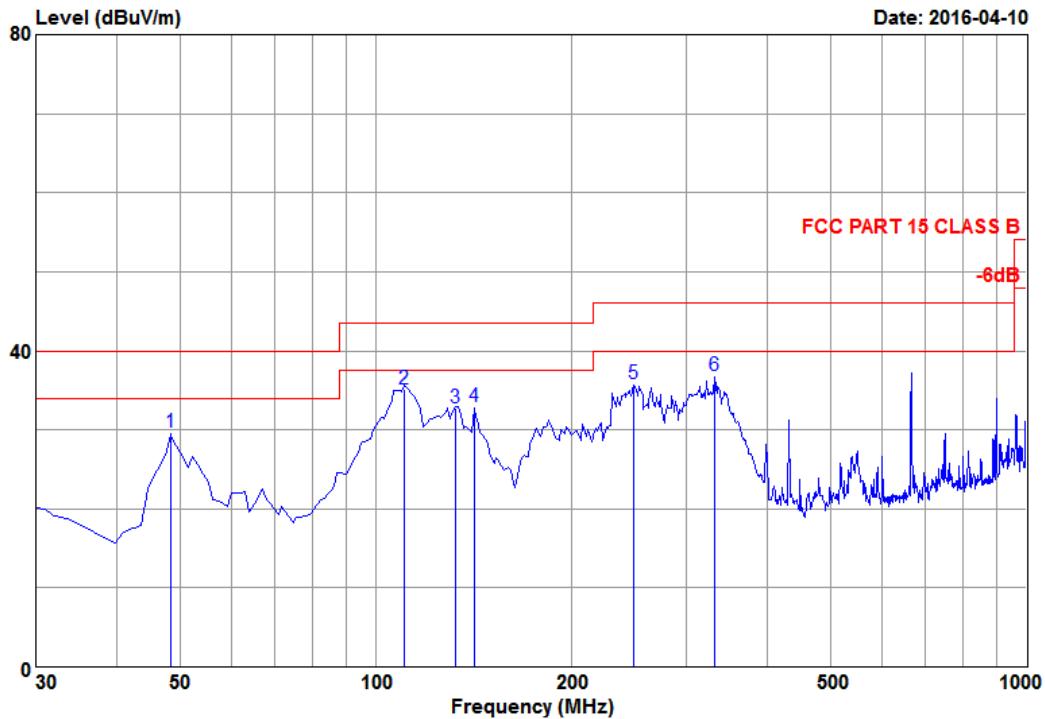
| Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission | | | |
|----------------|--------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|--------|
| | | | | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
| 1 48.43 | 9.80 | 0.60 | 54.53 | 37.63 | 40.00 | 2.37 | QP |
| 2 110.51 | 12.30 | 0.90 | 49.82 | 35.86 | 43.50 | 7.64 | QP |
| 3 176.47 | 9.93 | 1.17 | 45.37 | 29.58 | 43.50 | 13.92 | QP |
| 4 254.07 | 13.51 | 1.44 | 44.66 | 32.92 | 46.00 | 13.08 | QP |
| 5 304.51 | 14.13 | 1.60 | 45.63 | 34.73 | 46.00 | 11.27 | QP |
| 6 664.38 | 19.72 | 2.50 | 42.59 | 36.97 | 46.00 | 9.03 | QP |

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



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Data: 139 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



| | | | | | |
|--------------|---|--------------------------------------|-----------|---|------------|
| Site NO. | : | 3m Chamber | Data NO. | : | 139 |
| Dis. / Ant. | : | 3m 6112D(22253)-150805 | Ant. pol. | : | HORIZONTAL |
| Limit | : | FCC PART 15 CLASS B | | | |
| Env. / Ins. | : | 20.7*43%ESCI | Engineer | : | Mickey |
| EUT | : | TI-inspire CX navigator access point | | | |
| M/N | : | TINAVAP3-2 | | | |
| Power Rating | : | DC 5V | | | |
| Test Mode | : | TX 802.11nHT20 CH6 2437MHz | | | |
| Memo | : | | | | |

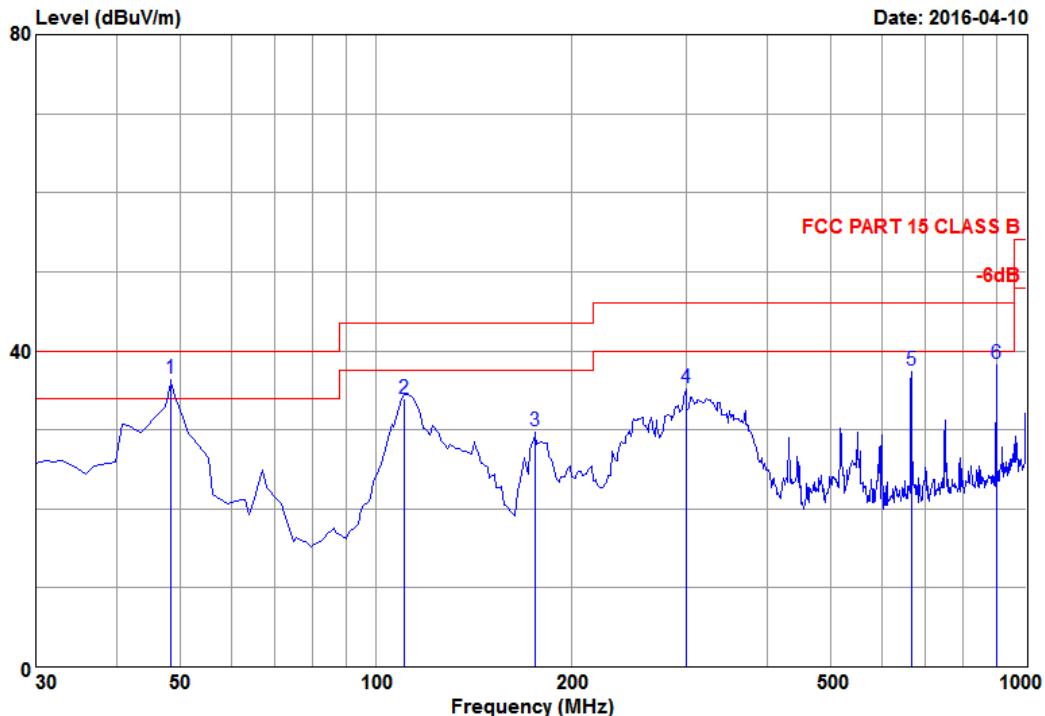
| Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission | | | Remark |
|----------------|--------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|--------|
| | | | | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | |
| 1 48.43 | 9.80 | 0.60 | 46.57 | 29.67 | 40.00 | 10.33 | QP |
| 2 110.51 | 12.30 | 0.90 | 49.04 | 35.08 | 43.50 | 8.42 | QP |
| 3 132.82 | 12.55 | 0.99 | 46.26 | 32.73 | 43.50 | 10.77 | QP |
| 4 141.55 | 12.08 | 1.03 | 46.79 | 32.87 | 43.50 | 10.63 | QP |
| 5 249.22 | 13.11 | 1.42 | 47.98 | 35.81 | 46.00 | 10.19 | QP |
| 6 331.67 | 14.83 | 1.68 | 47.21 | 36.90 | 46.00 | 9.10 | QP |

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



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Data: 140 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-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating : DC 5V
Test Mode : TX 802.11nHT20 CH6 2437MHz
Memo :

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

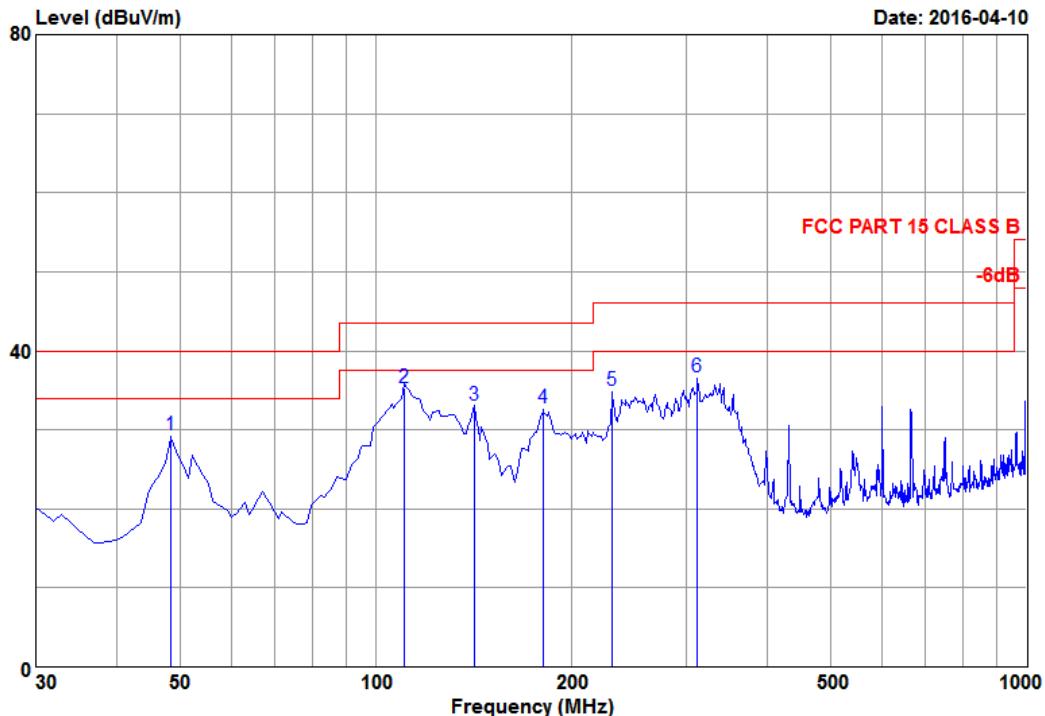
| Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission | | | |
|----------------|--------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|--------|
| | | | | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
| 1 48.43 | 9.80 | 0.60 | 53.43 | 36.53 | 40.00 | 3.47 | QP |
| 2 110.51 | 12.30 | 0.90 | 47.93 | 33.97 | 43.50 | 9.53 | QP |
| 3 175.50 | 9.99 | 1.16 | 45.67 | 29.92 | 43.50 | 13.58 | QP |
| 4 299.66 | 14.00 | 1.59 | 46.34 | 35.33 | 46.00 | 10.67 | QP |
| 5 665.35 | 19.73 | 2.51 | 43.11 | 37.52 | 46.00 | 8.48 | QP |
| 6 898.15 | 21.78 | 3.02 | 40.84 | 38.43 | 46.00 | 7.57 | QP |

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



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Data: 141 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



| | | | | | |
|--------------|---|--------------------------------------|-----------|---|------------|
| Site NO. | : | 3m Chamber | Data NO. | : | 141 |
| Dis. / Ant. | : | 3m 6112D(22253)-150805 | Ant. pol. | : | HORIZONTAL |
| Limit | : | FCC PART 15 CLASS B | Engineer | : | Mickey |
| Env. / Ins. | : | 20.7*43%ESCI | | | |
| EUT | : | TI-inspire CX navigator access point | | | |
| M/N | : | TINAVAP3-2 | | | |
| Power Rating | : | DC 5V | | | |
| Test Mode | : | TX 802.11nHT20 CH11 2462MHz | | | |
| Memo | : | | | | |

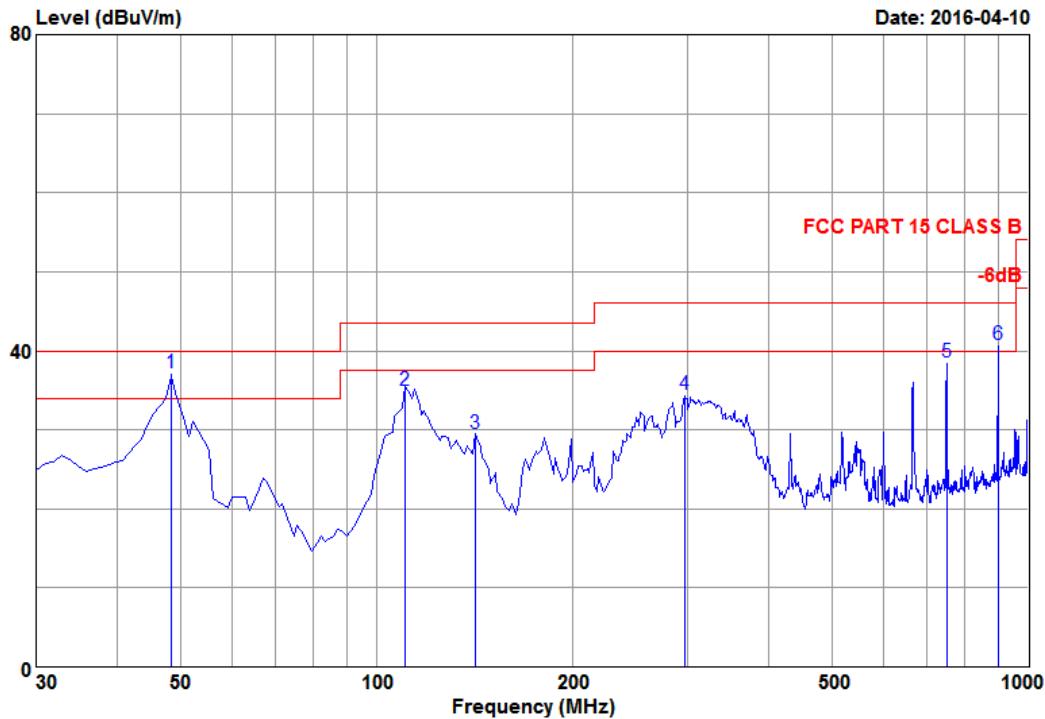
| Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission | | | |
|----------------|--------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|--------|
| | | | | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
| 1 48.43 | 9.80 | 0.60 | 46.17 | 29.27 | 40.00 | 10.73 | QP |
| 2 110.51 | 12.30 | 0.90 | 49.23 | 35.27 | 43.50 | 8.23 | QP |
| 3 141.55 | 12.08 | 1.03 | 46.98 | 33.06 | 43.50 | 10.44 | QP |
| 4 180.35 | 9.70 | 1.18 | 48.77 | 32.77 | 43.50 | 10.73 | QP |
| 5 230.79 | 11.62 | 1.36 | 48.71 | 34.95 | 46.00 | 11.05 | QP |
| 6 312.27 | 14.33 | 1.63 | 47.44 | 36.71 | 46.00 | 9.29 | QP |

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



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Data: 142 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Chamber
Dis. / Ant. : 3m 6112D(22253)-150805
Limit : FCC PART 15 CLASS B
Env. / Ins. : 20.7*43%ESCI
EUT : TI-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating : DC 5V
Test Mode : TX 802.11nHT20 CH11 2462MHz
Memo :

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

| Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission | | | |
|----------------|--------------------------|-----------------------|-------------------|-------------------|--------------------|----------------|--------|
| | | | | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
| 1 48.43 | 9.80 | 0.60 | 54.02 | 37.12 | 40.00 | 2.88 | QP |
| 2 110.51 | 12.30 | 0.90 | 49.01 | 35.05 | 43.50 | 8.45 | QP |
| 3 141.55 | 12.08 | 1.03 | 43.47 | 29.55 | 43.50 | 13.95 | QP |
| 4 296.75 | 13.94 | 1.58 | 45.48 | 34.39 | 46.00 | 11.61 | QP |
| 5 749.74 | 20.35 | 2.70 | 43.35 | 38.60 | 46.00 | 7.40 | QP |
| 6 898.15 | 21.78 | 3.02 | 43.25 | 40.84 | 46.00 | 5.16 | QP |

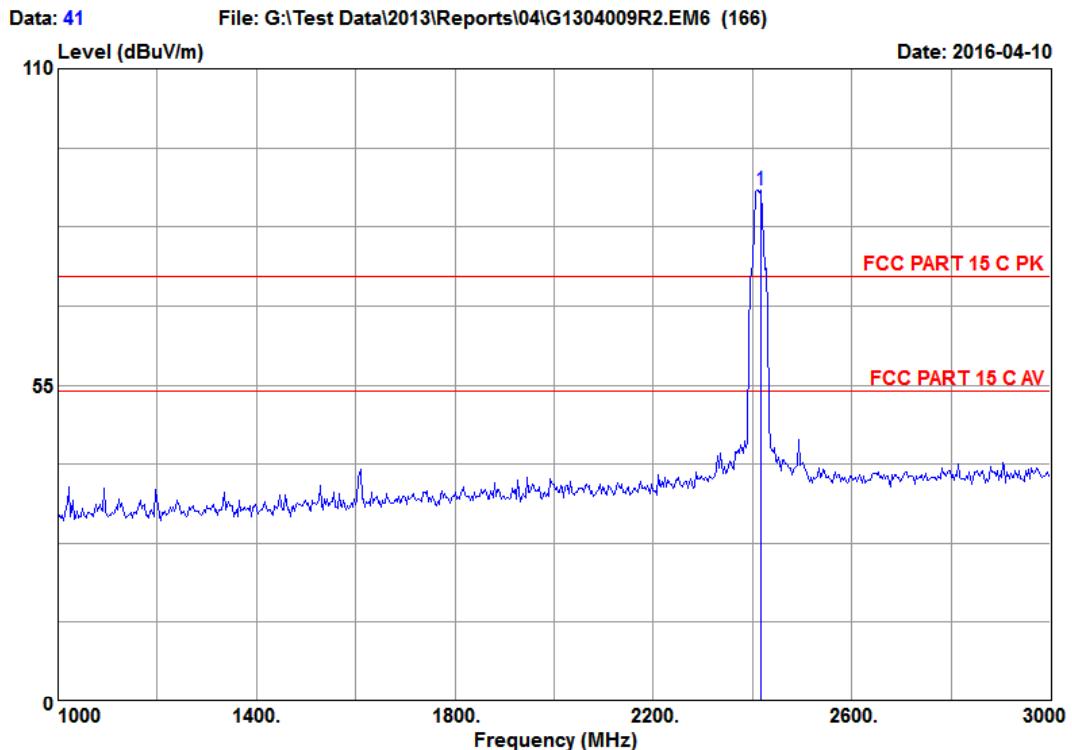
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit
are not reported.

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

4.7.1. Type of Network : IEEE 802.11b



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Site NO. : 3m Semi-Anechoic Chamber
Dis. / Ant. : 3m 3115-62960-150630
Limit : FCC PART 15 C PK
Env. / Ins. : 21.8*C&48%N9030A
EUT : TI-nspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11b CH1 2412MHz
Memo :

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

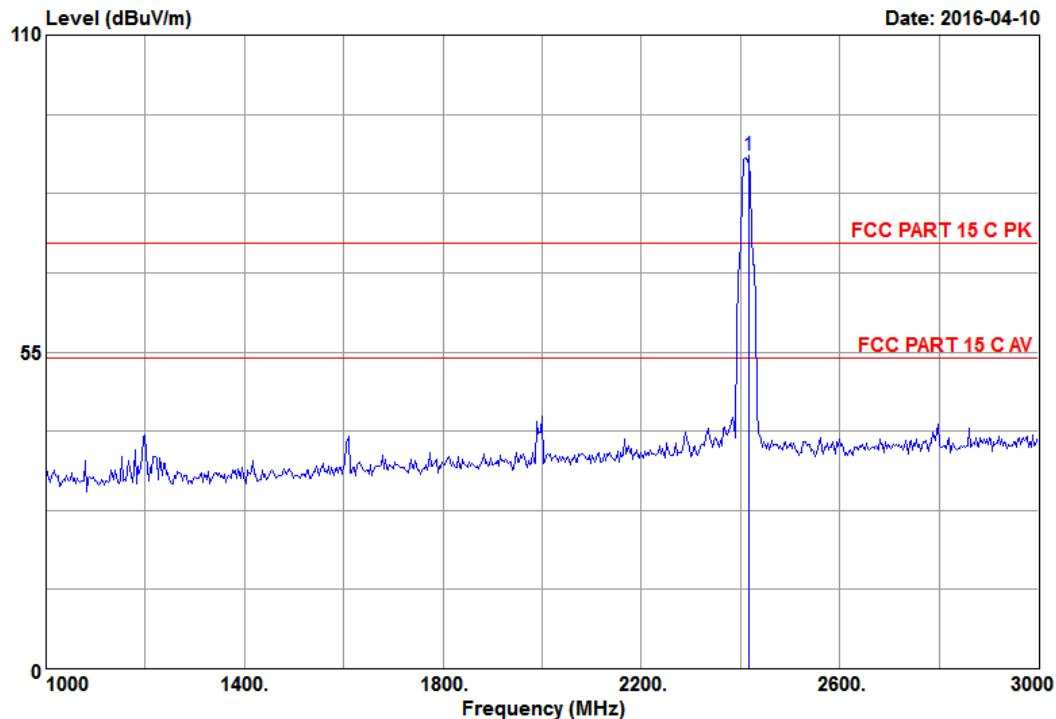
| | Ant. | Cable | Preamp | Emission | | | | |
|-----------|--------|-------|---------|----------|----------|----------|--------|--------|
| Freq. | Factor | Loss | Reading | Factor | Level | Limits | Margin | Remark |
| (MHz) | (dB) | (dB) | (dBuV) | (dB) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 2416.00 | 28.49 | 5.12 | 89.87 | 34.50 | 88.98 | 74.00 | -14.98 | Peak |

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



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Data: 43 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 802.11b CH1 2412MHz
Memo :

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

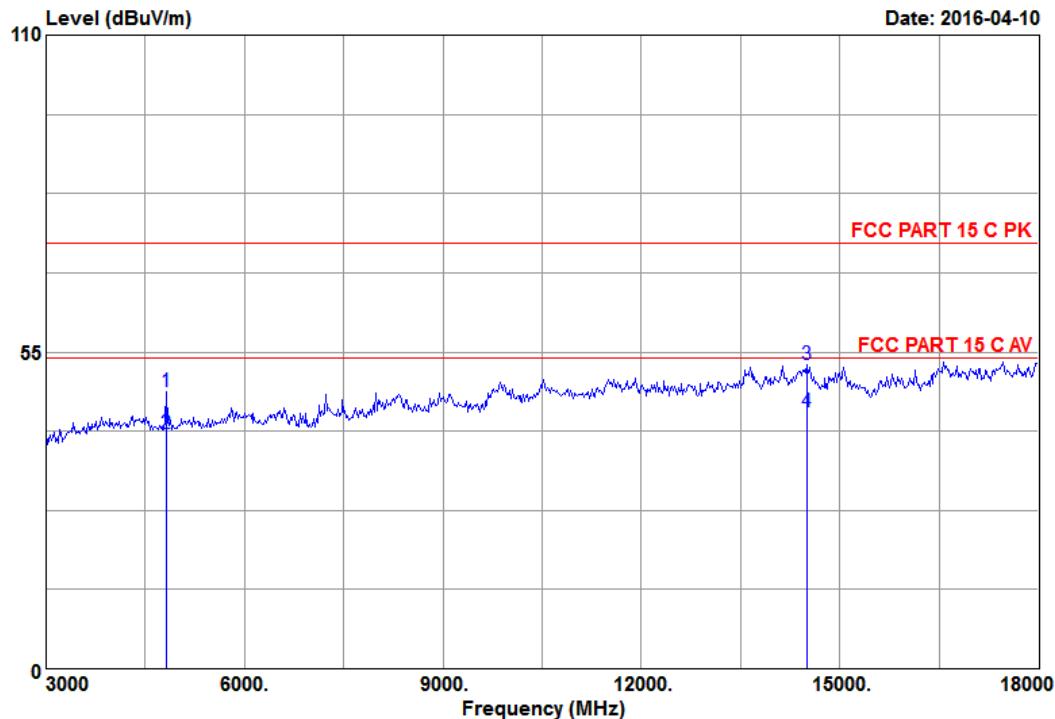
| Freq. | Ant. | Cable | Preamp | Emission | | | |
|-----------|--------|-------|---------|----------|----------|----------|-------------|
| (MHz) | Factor | Loss | Reading | Factor | Level | Limits | Margin |
| | (dB) | (dB) | (dBuV) | (dB) | (dBuV/m) | (dBuV/m) | (dB) |
| 1 2416.00 | 28.49 | 5.12 | 89.97 | 34.50 | 89.08 | 74.00 | -15.08 Peak |

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



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Data: 42 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-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11b CH1 2412MHz
Memo :

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

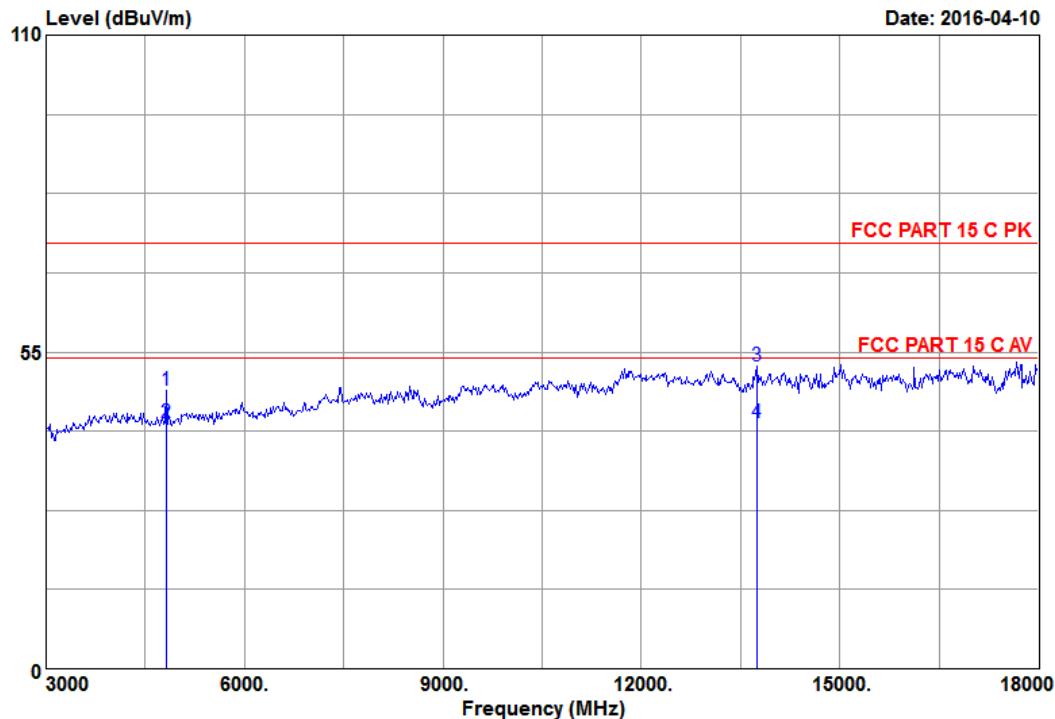
| Freq. (MHz) | Ant. Factor (dB) | Cable Loss (dB) | Preamp Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|----------------|------------------------|-----------------------|-----------------------------|-------------------------------|--------------------|----------------|---------------|
| 1 4824.00 | 32.89 | 7.33 | 41.80 | 33.95 | 48.07 | 74.00 | 25.93 Peak |
| 2 4825.25 | 32.89 | 7.33 | 34.60 | 33.95 | 40.87 | 54.00 | 13.13 Average |
| 3 14495.00 | 42.60 | 13.01 | 29.40 | 32.28 | 52.73 | 74.00 | 21.27 Peak |
| 4 14496.25 | 42.60 | 13.01 | 21.30 | 32.28 | 44.63 | 54.00 | 9.37 Average |

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



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Data: 44 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-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11b CH1 2412MHz
Memo :

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

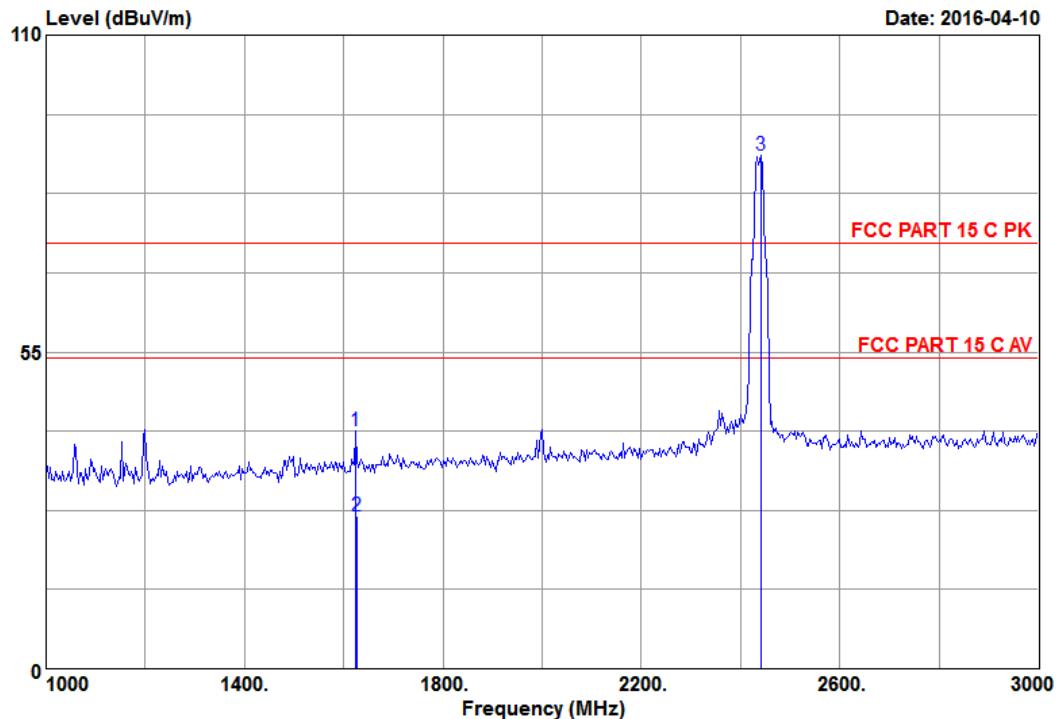
| Freq. (MHz) | Ant. (dB) | Cable Loss (dB) | Preamp Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|----------------|--------------|-----------------------|--------------------------|-------------------------------|--------------------|----------------|---------------|
| 1 4824.00 | 32.89 | 7.33 | 42.03 | 33.95 | 48.30 | 74.00 | 25.70 Peak |
| 2 4825.58 | 32.89 | 7.33 | 36.40 | 33.95 | 42.67 | 54.00 | 11.33 Average |
| 3 13754.00 | 41.65 | 12.71 | 29.99 | 31.81 | 52.54 | 74.00 | 21.46 Peak |
| 4 13755.25 | 41.65 | 12.71 | 20.10 | 31.81 | 42.65 | 54.00 | 11.35 Average |

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



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Data: 45 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 802.11b CH6 2437MHz
Memo :

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

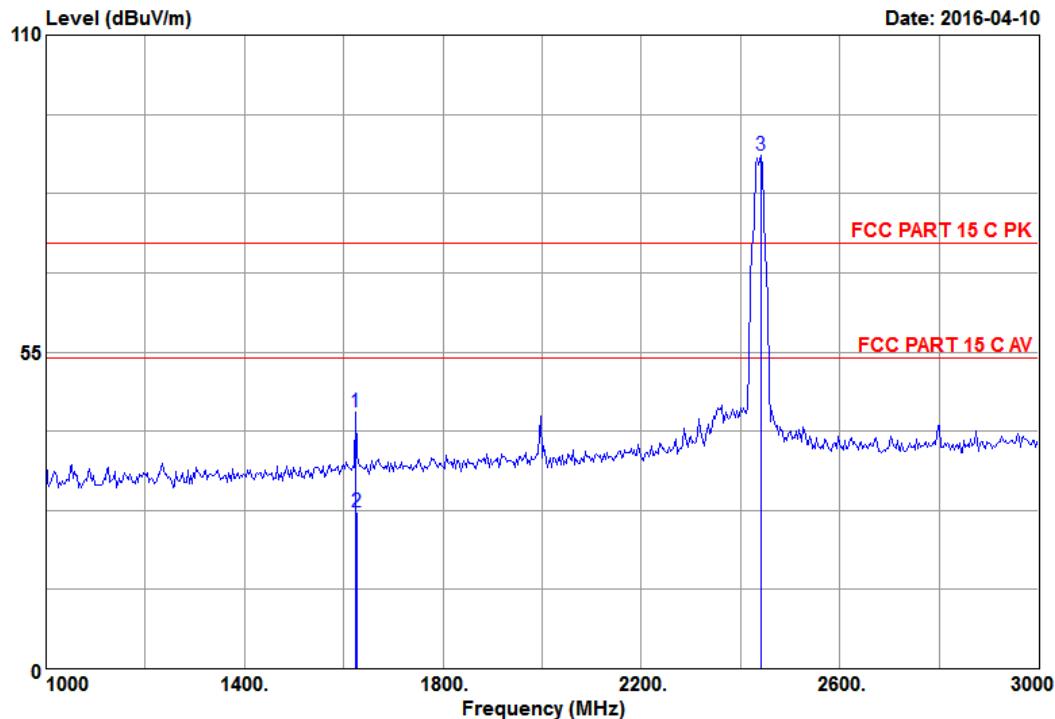
| Freq. (MHz) | Ant. (dB) | Cable Loss (dB) | Preamp Factor (dB) | Emission Level (dB _{UV} /m) | Limits (dB _{UV} /m) | Margin (dB) | Remark |
|----------------|--------------|-----------------------|--------------------------|--|---------------------------------|----------------|---------------|
| 1 1624.00 | 25.67 | 4.04 | 46.43 | 34.95 | 41.19 | 74.00 | 32.81 Peak |
| 2 1625.25 | 25.67 | 4.08 | 31.60 | 34.92 | 26.43 | 54.00 | 27.57 Average |
| 3 2440.00 | 28.58 | 5.12 | 89.91 | 34.50 | 89.11 | 74.00 | -15.11 Peak |

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



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Data: 47 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-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11b CH6 2437MHz
Memo :

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

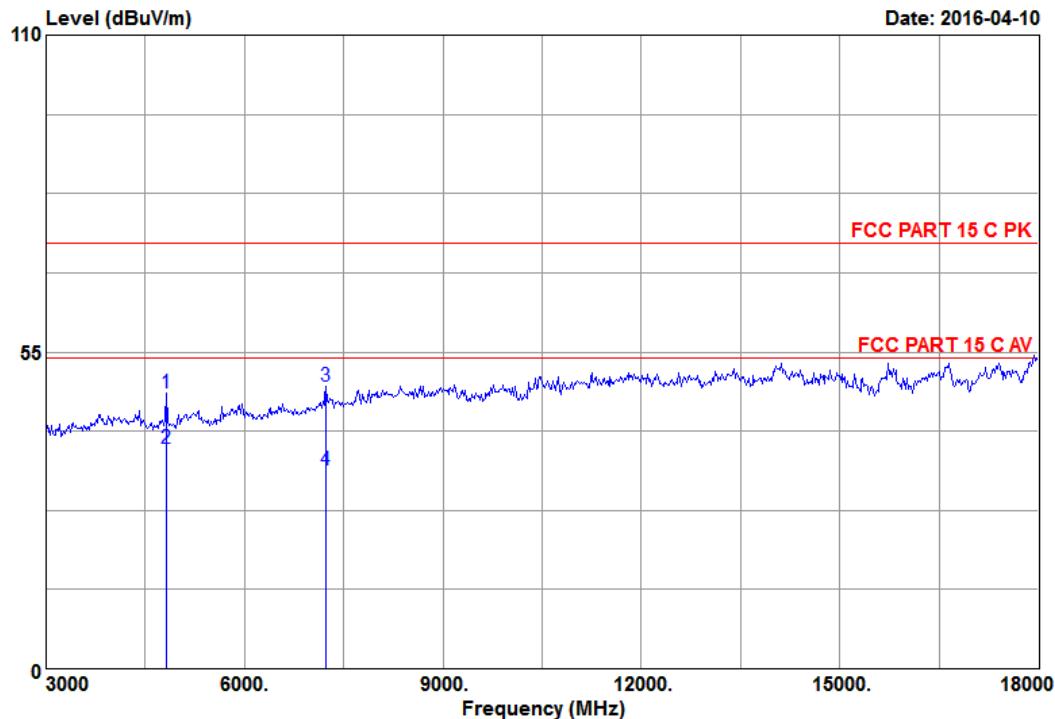
| Freq. (MHz) | Ant. (dB) | Cable Loss (dB) | Preamp Factor (dB) | Emission Level (dB _B V/m) | Limits (dB _B V/m) | Margin (dB) | Remark |
|----------------|--------------|-----------------------|--------------------------|--|---------------------------------|----------------|---------------|
| 1 1624.00 | 25.67 | 4.04 | 49.72 | 34.95 | 44.48 | 74.00 | 29.52 Peak |
| 2 1625.65 | 25.67 | 4.08 | 32.40 | 34.92 | 27.23 | 54.00 | 26.77 Average |
| 3 2440.00 | 28.58 | 5.12 | 89.97 | 34.50 | 89.17 | 74.00 | -15.17 Peak |

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



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Data: 46 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-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11b CH6 2437MHz
Memo :

Data NO. : 46
Ant. pol. : HORIZONTAL
Engineer : Mickey

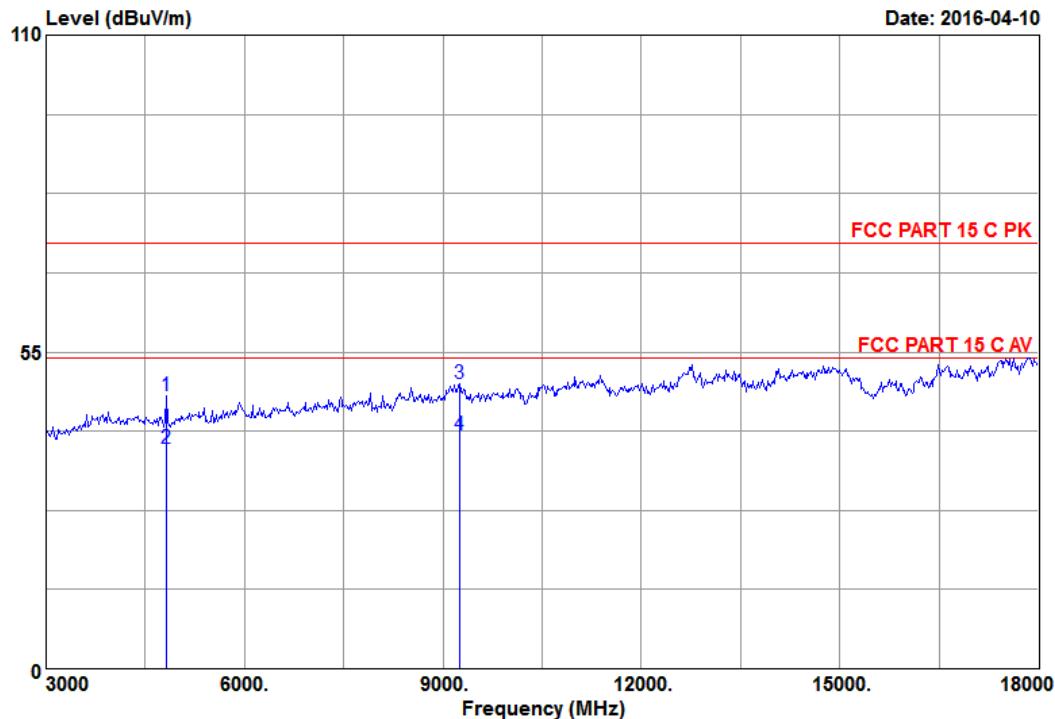
| Freq. (MHz) | Ant. Factor (dB) | Cable Loss (dB) | Preamp Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|----------------|------------------------|-----------------------|-----------------------------|-------------------------------|--------------------|----------------|---------------|
| 1 4824.00 | 32.89 | 7.33 | 41.65 | 33.95 | 47.92 | 74.00 | 26.08 Peak |
| 2 4826.17 | 32.89 | 7.33 | 31.90 | 33.95 | 38.17 | 54.00 | 15.83 Average |
| 3 7237.00 | 36.18 | 9.02 | 37.97 | 34.04 | 49.13 | 74.00 | 24.87 Peak |
| 4 7238.25 | 36.18 | 9.02 | 23.30 | 34.04 | 34.46 | 54.00 | 19.54 Average |

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



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Data: 48 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 802.11b CH6 2437MHz
Memo :

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

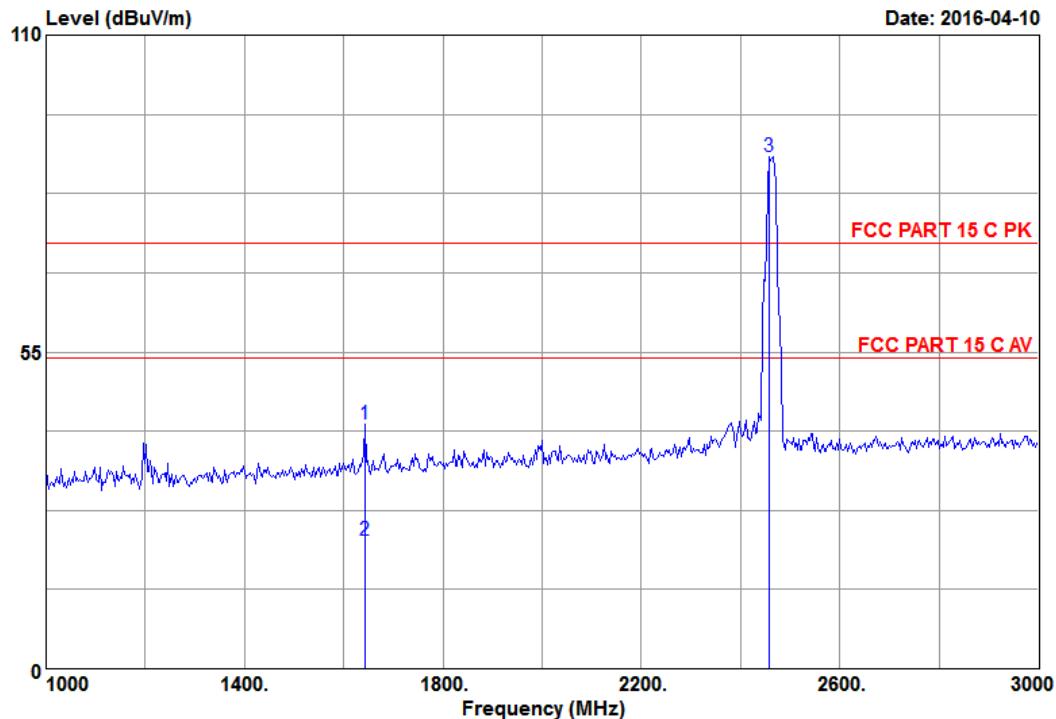
| Freq. (MHz) | Ant. Factor (dB) | Cable Loss (dB) | Preamp Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|----------------|------------------------|-----------------------|-----------------------------|-------------------------------|--------------------|----------------|---------------|
| 1 4824.00 | 32.89 | 7.33 | 41.14 | 33.95 | 47.41 | 74.00 | 26.59 Peak |
| 2 4825.78 | 32.89 | 7.33 | 31.90 | 33.95 | 38.17 | 54.00 | 15.83 Average |
| 3 9251.00 | 38.05 | 10.21 | 35.68 | 34.43 | 49.51 | 74.00 | 24.49 Peak |
| 4 9252.65 | 38.05 | 10.21 | 26.80 | 34.43 | 40.63 | 54.00 | 13.37 Average |

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



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Data: 49 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 802.11b CH11 2462MHz
Memo :

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

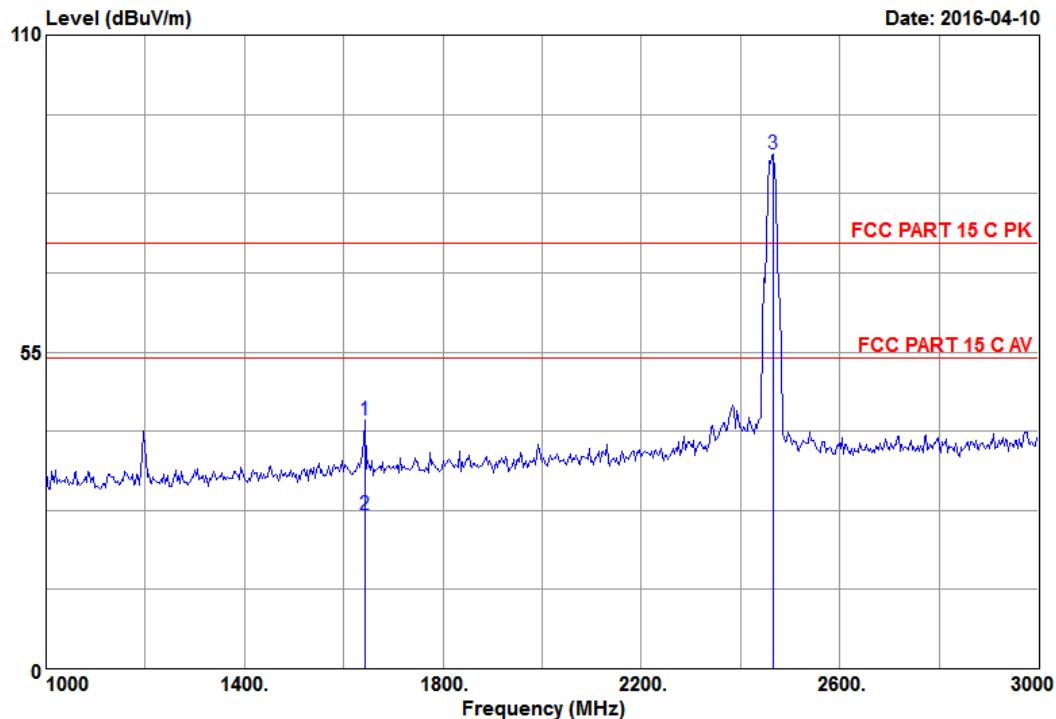
| Freq. (MHz) | Ant. (dB) | Cable Loss (dB) | Preamp Factor (dB) | Emission Level (dB _B V/m) | Limits (dB _B V/m) | Margin (dB) | Remark |
|----------------|--------------|-----------------------|--------------------------|--|---------------------------------|----------------|---------------|
| 1 1642.00 | 25.75 | 4.08 | 47.51 | 34.92 | 42.42 | 74.00 | 31.58 Peak |
| 2 1643.25 | 25.75 | 4.08 | 27.30 | 34.92 | 22.21 | 54.00 | 31.79 Average |
| 3 2458.00 | 28.62 | 5.15 | 89.73 | 34.50 | 89.00 | 74.00 | -15.00 Peak |

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



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Data: 51 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 802.11b CH11 2462MHz
Memo :

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

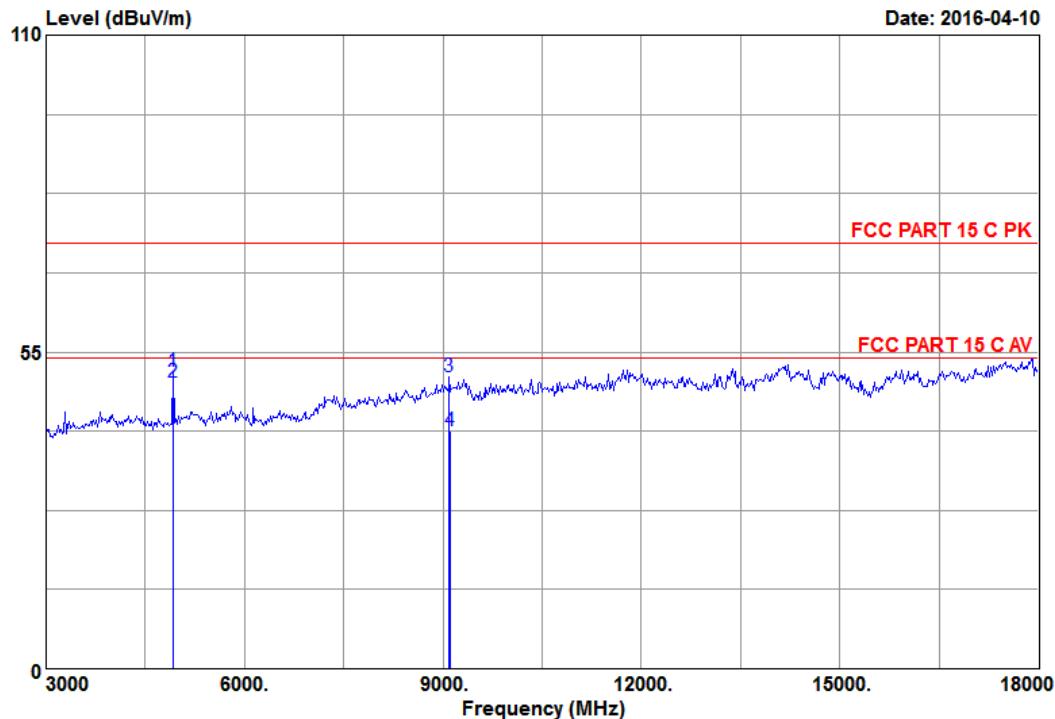
| Freq. (MHz) | Ant. (dB) | Cable Loss (dB) | Preamp Factor (dB) | Emission Level (dB _B V/m) | Limits (dB _B V/m) | Margin (dB) | Remark |
|----------------|--------------|-----------------------|--------------------------|--|---------------------------------|----------------|---------------|
| 1 1642.00 | 25.75 | 4.08 | 48.35 | 34.92 | 43.26 | 74.00 | 30.74 Peak |
| 2 1643.36 | 25.75 | 4.08 | 31.90 | 34.92 | 26.81 | 54.00 | 27.19 Average |
| 3 2467.00 | 28.62 | 5.18 | 90.06 | 34.49 | 89.37 | 74.00 | -15.37 Peak |

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



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Data: 50 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-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11b CH11 2462MHz
Memo :

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

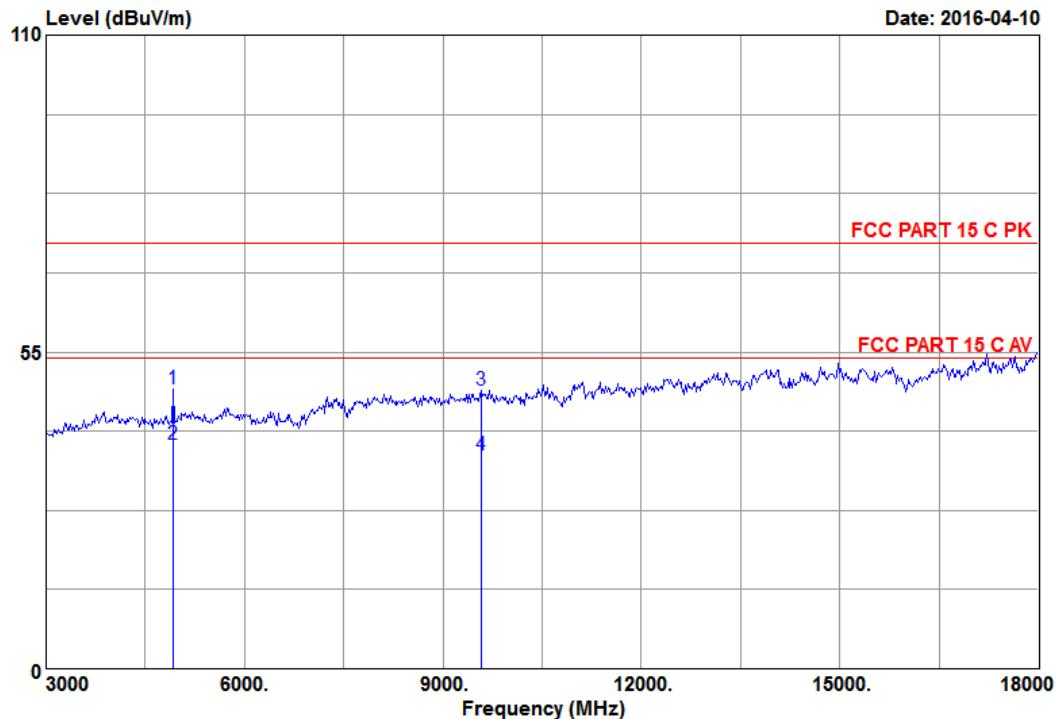
| Freq. (MHz) | Ant. Factor (dB) | Cable Loss (dB) | Preamp Reading (dB _{UV}) | Emission Level (dB _{UV} /m) | Limits (dB _{UV} /m) | Margin (dB) | Remark |
|----------------|------------------------|-----------------------|--|--|---------------------------------|----------------|---------------|
| 1 4919.00 | 33.08 | 7.38 | 45.05 | 33.93 | 51.58 | 74.00 | 22.42 Peak |
| 2 4923.96 | 33.08 | 7.38 | 43.25 | 33.93 | 49.78 | 54.00 | 4.22 Average |
| 3 9099.00 | 38.02 | 10.08 | 36.92 | 34.43 | 50.59 | 74.00 | 23.41 Peak |
| 4 9102.25 | 38.02 | 10.08 | 27.50 | 34.43 | 41.17 | 54.00 | 12.83 Average |

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



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Data: 52 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-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11b CH11 2462MHz
Memo :

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

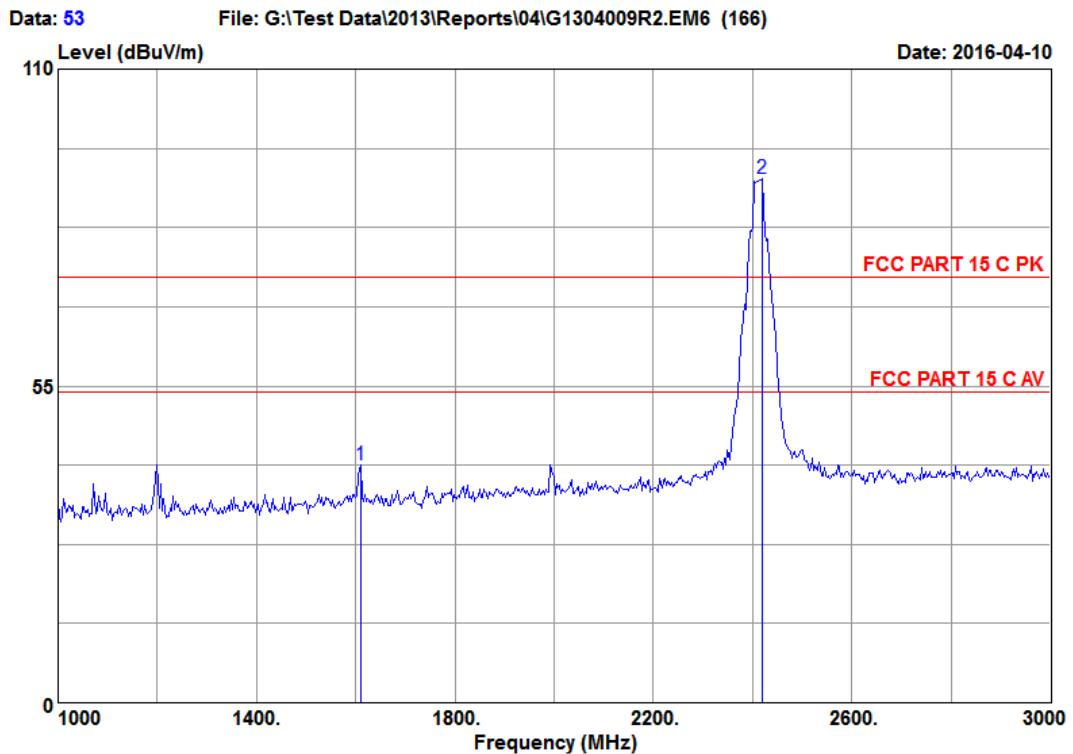
| Freq. (MHz) | Ant. Factor (dB) | Cable Loss (dB) | Preamp Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|----------------|------------------------|-----------------------|-----------------------------|-------------------------------|--------------------|----------------|---------------|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

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

4.7.2. Type of Network : IEEE 802.11g



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



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

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

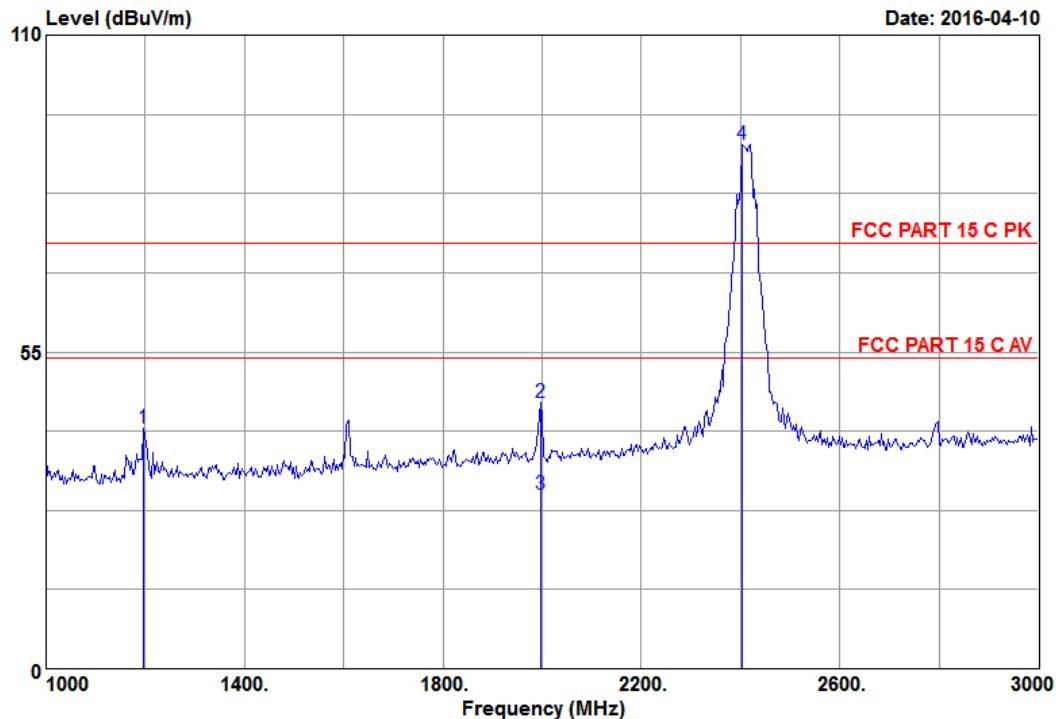
| | Freq. | Ant. | Cable | Preamp | Emission | | | |
|---|---------|--------|-------|---------|----------|----------|----------|--------|
| | (MHz) | Factor | Loss | Reading | Factor | Level | Limits | Margin |
| | | (dB) | (dB) | (dBuV) | (dB) | (dBuV/m) | (dBuV/m) | (dB) |
| 1 | 1609.00 | 25.58 | 4.04 | 46.59 | 34.95 | 41.26 | 74.00 | 32.74 |
| 2 | 2419.00 | 28.49 | 5.12 | 91.91 | 34.50 | 91.02 | 74.00 | -17.02 |

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



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Data: 55 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 802.11g CH1 2412MHz
Memo :

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

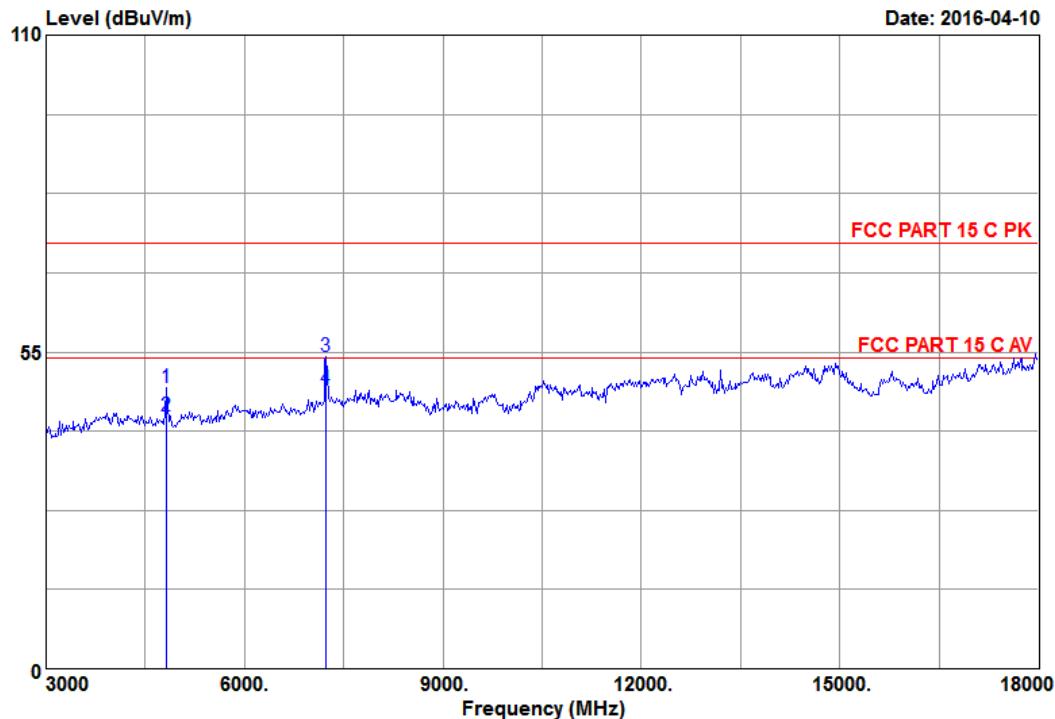
| Freq. (MHz) | Ant. Factor (dB) | Cable Loss (dB) | Preamp Reading (dB _{UV}) | Emission Level (dB _{UV} /m) | Limits (dB _{UV} /m) | Margin (dB) | Remark |
|----------------|------------------------|-----------------------|--|--|---------------------------------|----------------|---------------|
| 1 1195.00 | 23.94 | 3.44 | 49.70 | 35.35 | 41.73 | 74.00 | 32.27 Peak |
| 2 1996.00 | 27.50 | 4.61 | 48.76 | 34.57 | 46.30 | 74.00 | 27.70 Peak |
| 3 1998.25 | 27.50 | 4.61 | 32.80 | 34.57 | 30.34 | 54.00 | 23.66 Average |
| 4 2404.00 | 28.49 | 5.09 | 91.94 | 34.50 | 91.02 | 74.00 | -17.02 Peak |

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



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Data: 54 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-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11g CH1 2412MHz
Memo :

Data NO. : 54
Ant. pol. : HORIZONTAL
Engineer : Mickey

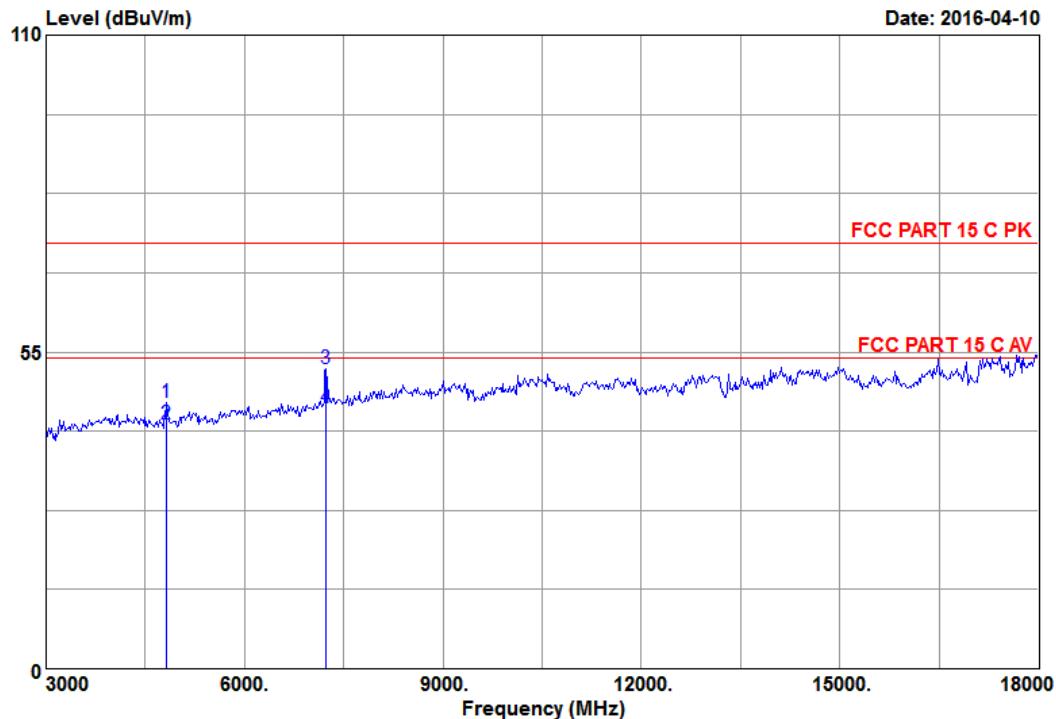
| Freq. (MHz) | Ant. Factor (dB) | Cable Loss (dB) | Preamp Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|----------------|------------------------|-----------------------|-----------------------------|-------------------------------|--------------------|----------------|---------------|
| 1 4824.00 | 32.89 | 7.33 | 42.55 | 33.95 | 48.82 | 74.00 | 25.18 Peak |
| 2 4825.68 | 32.89 | 7.33 | 37.60 | 33.95 | 43.87 | 54.00 | 10.13 Average |
| 3 7237.00 | 36.18 | 9.02 | 43.08 | 34.04 | 54.24 | 74.00 | 19.76 Peak |
| 4 7237.89 | 36.18 | 9.02 | 37.50 | 34.04 | 48.66 | 54.00 | 5.34 Average |

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



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Data: 56 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 802.11g CH1 2412MHz
Memo :

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

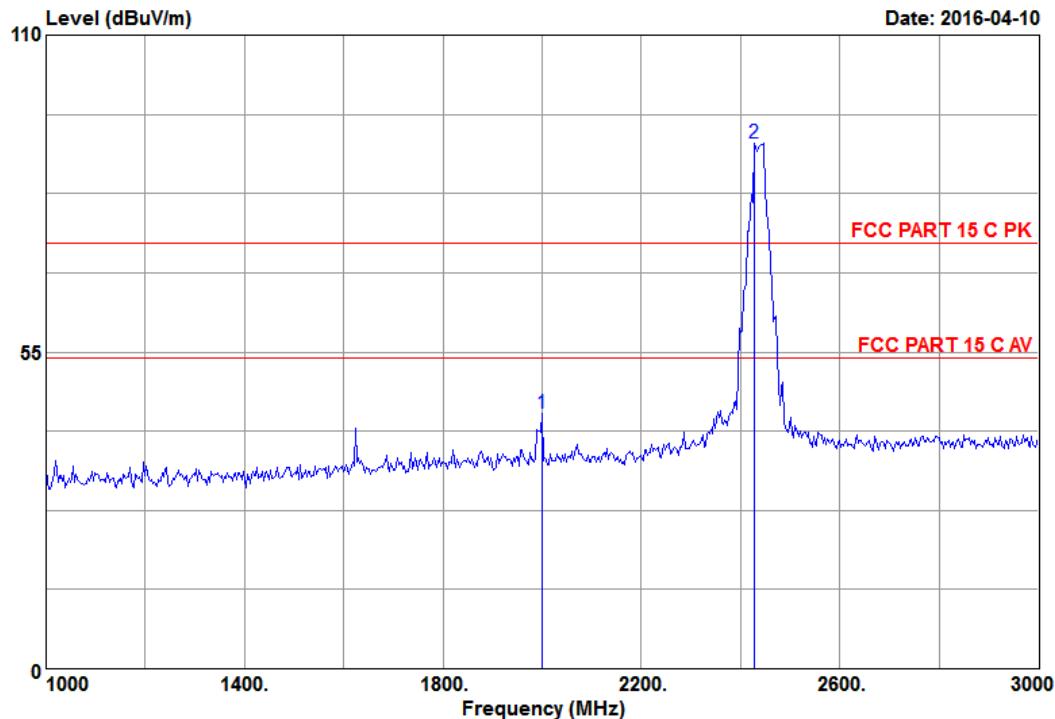
| Freq. (MHz) | Ant. Factor (dB) | Cable Loss (dB) | Preamp Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|----------------|------------------------|-----------------------|-----------------------------|-------------------------------|--------------------|----------------|---------------|
| 1 4824.00 | 32.89 | 7.33 | 40.04 | 33.95 | 46.31 | 74.00 | 27.69 Peak |
| 2 4825.90 | 32.89 | 7.33 | 36.20 | 33.95 | 42.47 | 54.00 | 11.53 Average |
| 3 7237.00 | 36.18 | 9.02 | 40.81 | 34.04 | 51.97 | 74.00 | 22.03 Peak |
| 4 7238.54 | 36.18 | 9.02 | 34.20 | 34.04 | 45.36 | 54.00 | 8.64 Average |

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



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Data: 57 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



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 802.11g CH6 2437MHz
Memo :

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

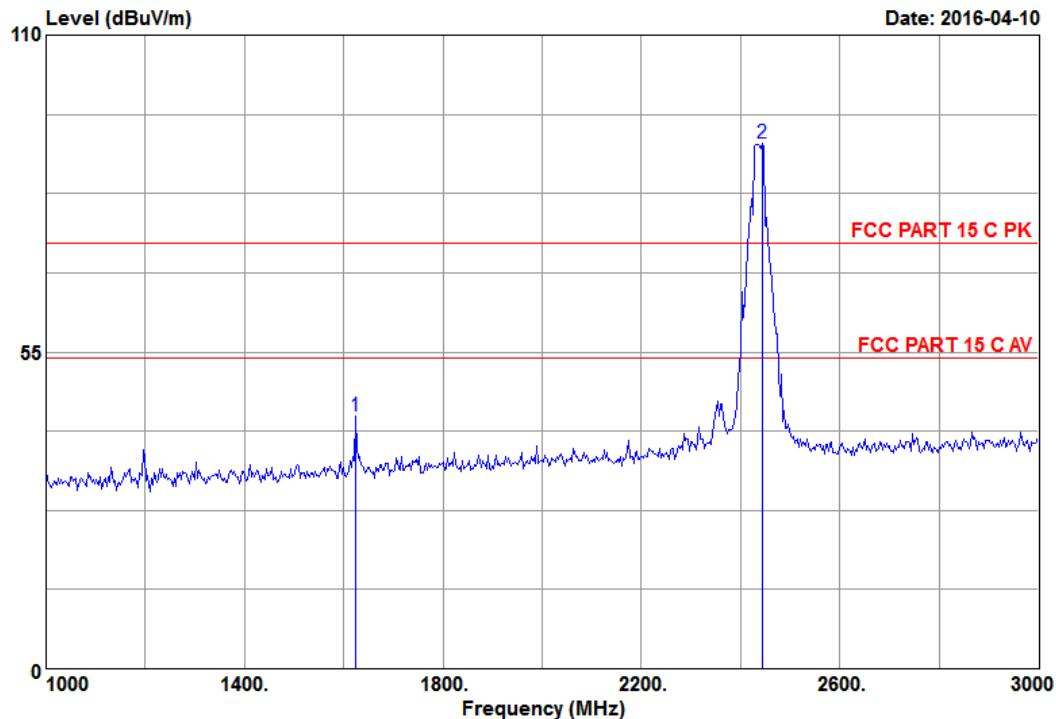
| Freq. | Ant. | Cable | Preamp | Emission | | | | |
|-------|---------|-------|---------------------|----------|-----------------------|-----------------------|--------|-------------|
| (MHz) | Factor | Loss | Reading | Factor | Level | Limits | Margin | Remark |
| | (dB) | (dB) | (dB _{UV}) | (dB) | (dB _{UV} /m) | (dB _{UV} /m) | (dB) | |
| 1 | 1999.00 | 27.50 | 4.61 | 46.90 | 34.57 | 44.44 | 74.00 | 29.56 Peak |
| 2 | 2428.00 | 28.53 | 5.12 | 92.11 | 34.50 | 91.26 | 74.00 | -17.26 Peak |

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



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Data: 59 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 802.11g CH6 2437MHz
Memo :

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

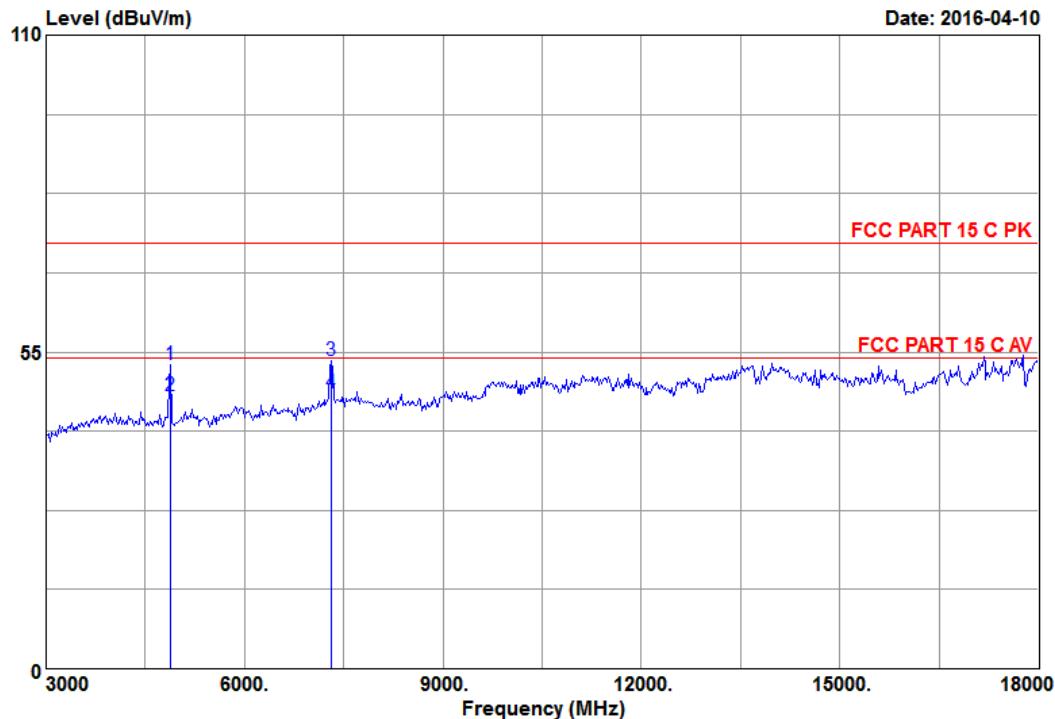
| Freq. | Ant. Factor | Cable Loss | Preamp Factor | Emission Level | Limits | Margin | Remark |
|-----------|-------------|------------|---------------|-----------------------|-----------------------|--------|-------------|
| (MHz) | (dB) | (dB) | (dB) | (dB _{UV} /m) | (dB _{UV} /m) | (dB) | |
| 1 1624.00 | 25.67 | 4.04 | 49.04 | 34.95 | 43.80 | 74.00 | 30.20 Peak |
| 2 2443.00 | 28.58 | 5.15 | 91.94 | 34.50 | 91.17 | 74.00 | -17.17 Peak |

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



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Data: 58 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 802.11g CH6 2437MHz
Memo :

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

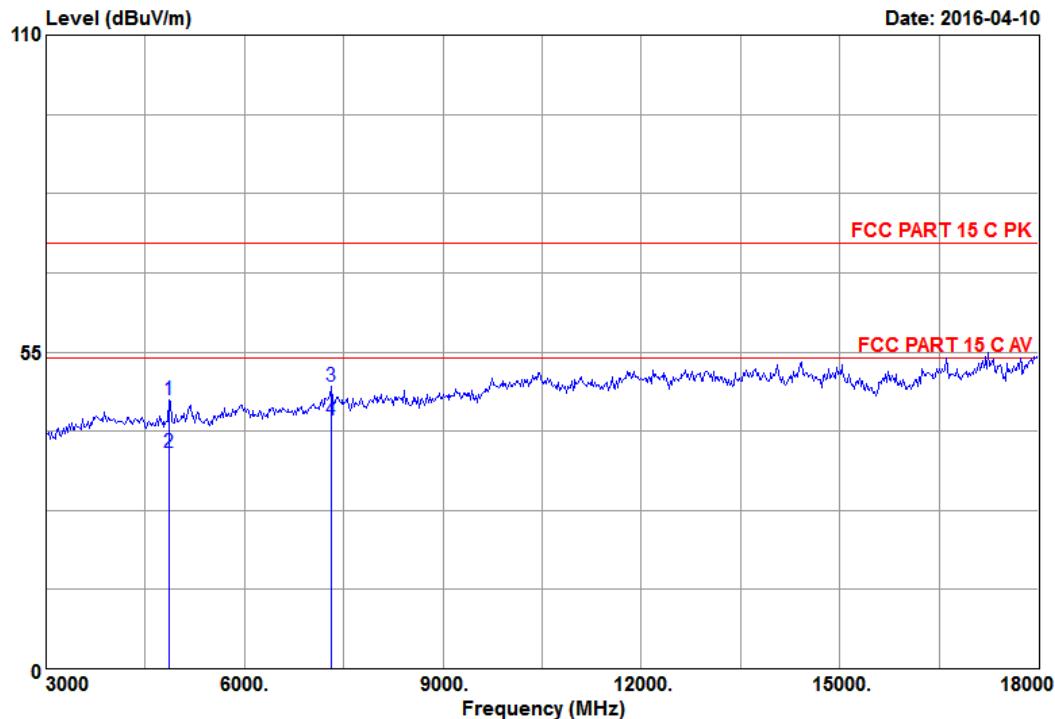
| | Ant. | Cable | Preamp | Emission | | | | |
|-------|---------|-------|---------------------|----------|-----------------------|-----------------------|--------|--------------|
| Freq. | Factor | Loss | Reading | Factor | Level | Limits | Margin | Remark |
| (MHz) | (dB) | (dB) | (dB _{uV}) | (dB) | (dB _{uV/m}) | (dB _{uV/m}) | (dB) | |
| 1 | 4881.00 | 32.98 | 7.36 | 46.43 | 33.94 | 52.83 | 74.00 | 21.17 Peak |
| 2 | 4882.25 | 32.98 | 7.36 | 40.90 | 33.94 | 47.30 | 54.00 | 6.70 Average |
| 3 | 7313.00 | 36.34 | 9.08 | 42.16 | 34.05 | 53.53 | 74.00 | 20.47 Peak |
| 4 | 7314.28 | 36.34 | 9.08 | 36.50 | 34.05 | 47.87 | 54.00 | 6.13 Average |

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



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Data: 60 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-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11g CH6 2437MHz
Memo :

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

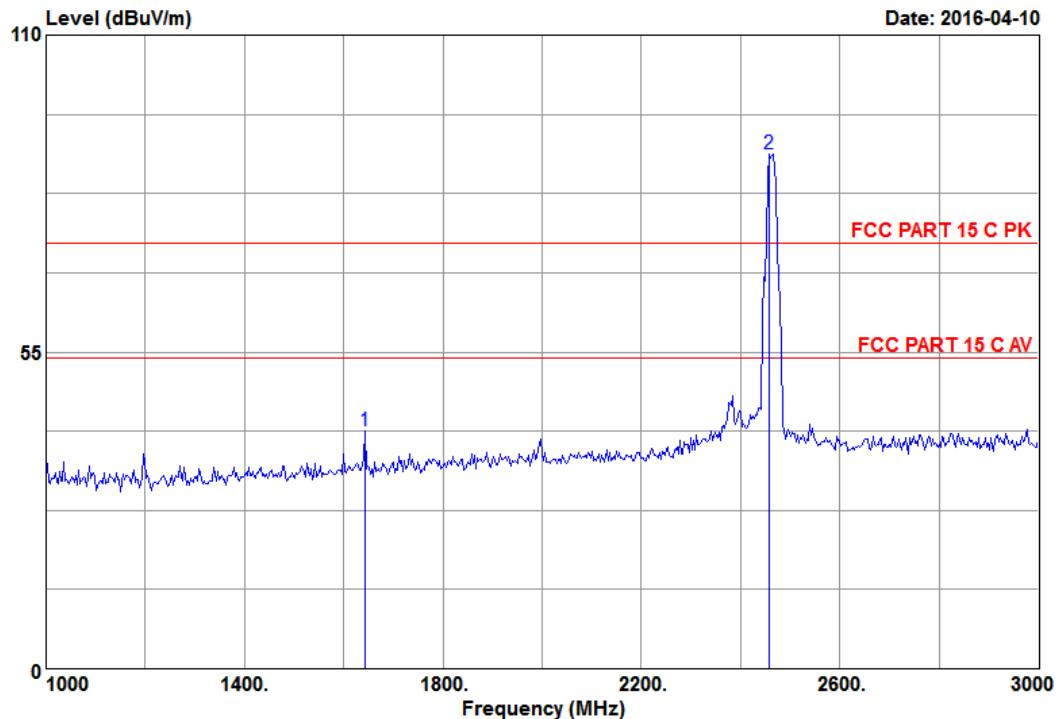
| Freq. (MHz) | Ant. Factor (dB) | Cable Loss (dB) | Preamp Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|----------------|------------------------|-----------------------|-----------------------------|-------------------------------|--------------------|----------------|---------------|
| 1 4862.00 | 32.95 | 7.34 | 40.23 | 33.94 | 46.58 | 74.00 | 27.42 Peak |
| 2 4863.25 | 32.95 | 7.36 | 31.20 | 33.94 | 37.57 | 54.00 | 16.43 Average |
| 3 7313.00 | 36.34 | 9.08 | 37.60 | 34.05 | 48.97 | 74.00 | 25.03 Peak |
| 4 7314.50 | 36.34 | 9.08 | 31.90 | 34.05 | 43.27 | 54.00 | 10.73 Average |

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



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Data: 61 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 802.11g CH11 2462MHz
Memo :

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

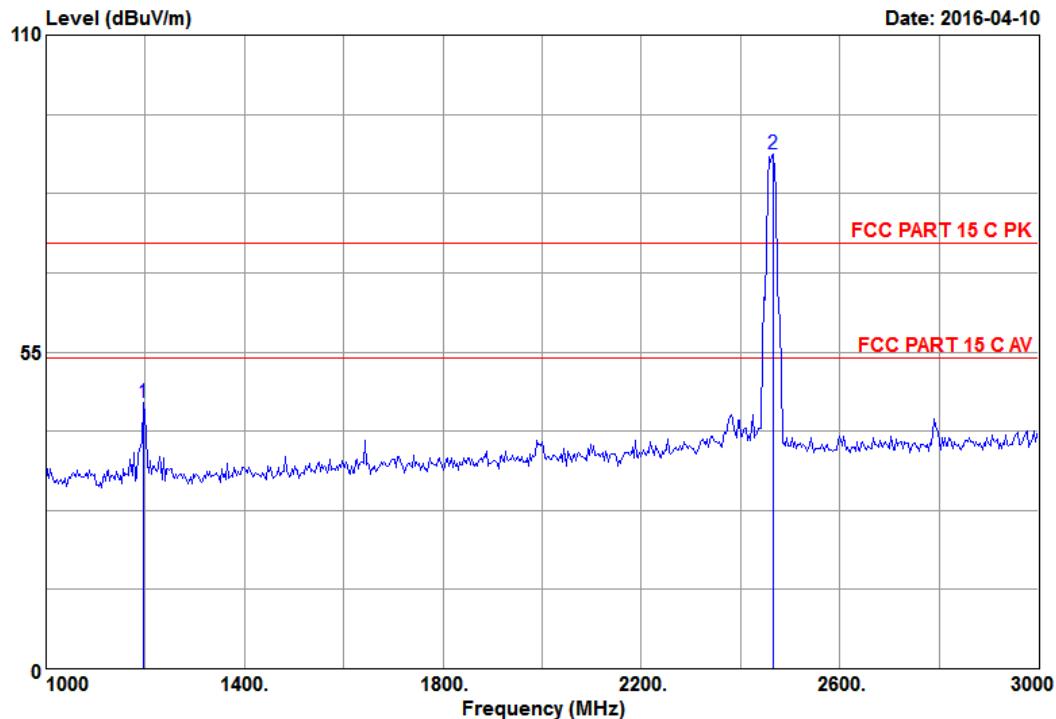
| Freq. | Ant. | Cable | Preamp | Emission | | | | |
|-------|---------|-------|---------------------|----------|-----------------------|-----------------------|--------|-------------|
| (MHz) | Factor | Loss | Reading | Factor | Level | Limits | Margin | Remark |
| | (dB) | (dB) | (dB _{UV}) | (dB) | (dB _{UV} /m) | (dB _{UV} /m) | (dB) | |
| 1 | 1642.00 | 25.75 | 4.08 | 46.42 | 34.92 | 41.33 | 74.00 | 32.67 Peak |
| 2 | 2458.00 | 28.62 | 5.15 | 90.08 | 34.50 | 89.35 | 74.00 | -15.35 Peak |

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



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Data: 63 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-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11g CH11 2462MHz
Memo :

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

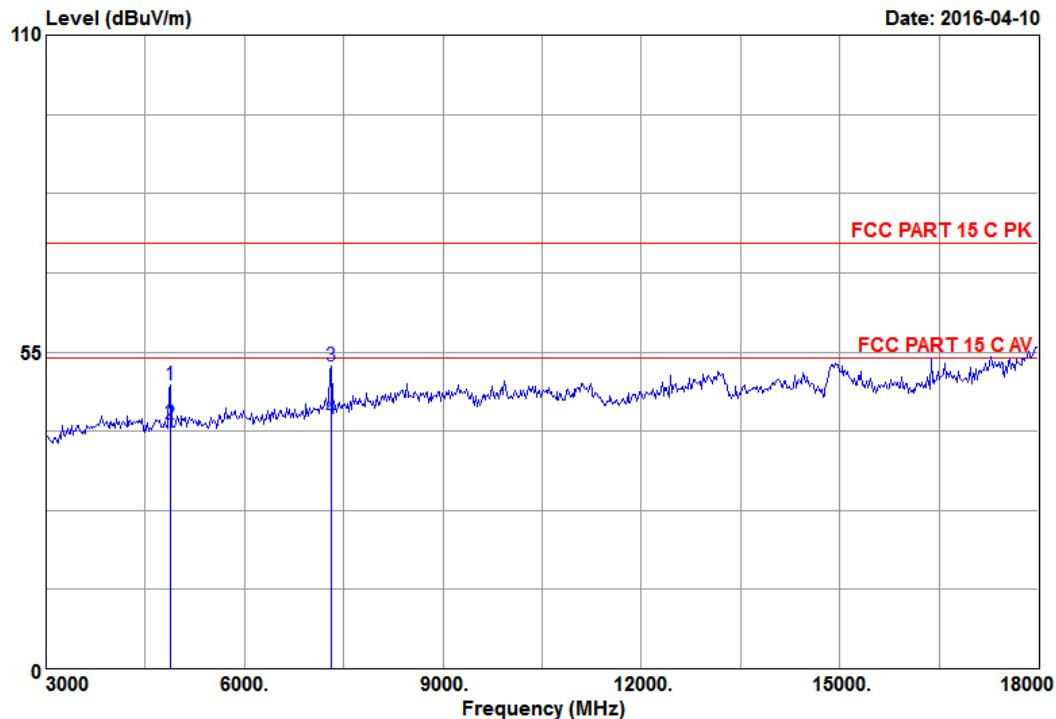
| Freq. | Ant. | Cable | Preamp | Emission | | | | |
|-------|---------|-------|---------------------|----------|-----------------------|-----------------------|--------|-------------|
| (MHz) | Factor | Loss | Reading | Factor | Level | Limits | Margin | Remark |
| | (dB) | (dB) | (dB _{UV}) | (dB) | (dB _{UV} /m) | (dB _{UV} /m) | (dB) | |
| 1 | 1195.00 | 23.94 | 3.44 | 54.22 | 35.35 | 46.25 | 74.00 | 27.75 Peak |
| 2 | 2467.00 | 28.62 | 5.18 | 90.07 | 34.49 | 89.38 | 74.00 | -15.38 Peak |

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



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Data: 62 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-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11g CH11 2462MHz
Memo :

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

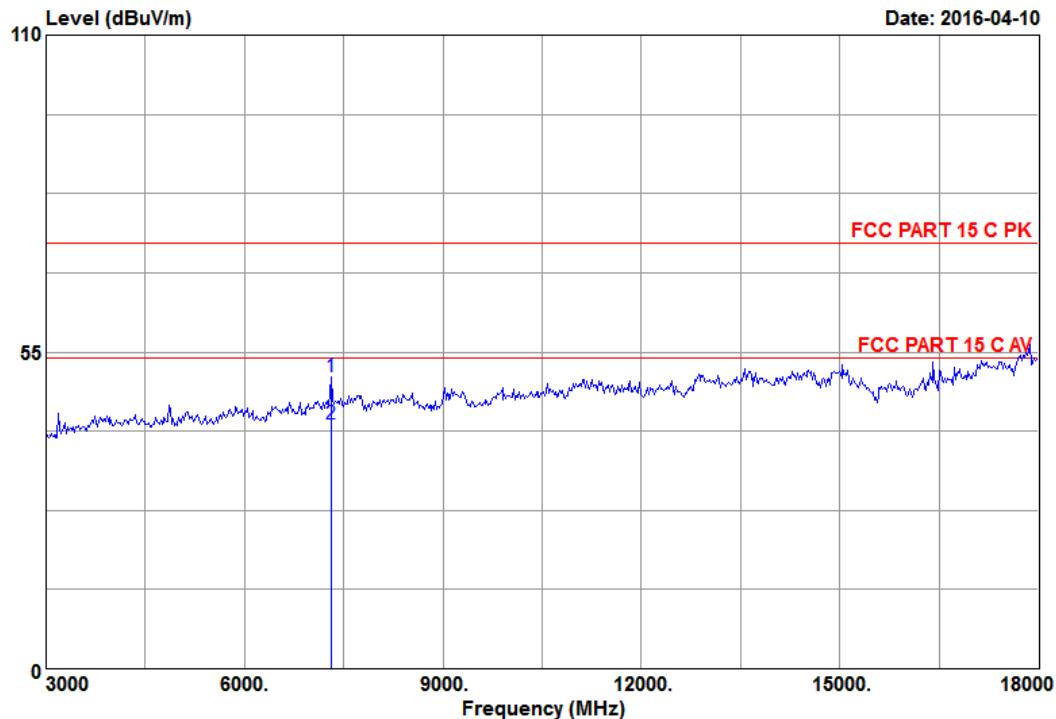
| Freq. (MHz) | Ant. Factor (dB) | Cable Loss (dB) | Preamp Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|----------------|------------------------|-----------------------|-----------------------------|-------------------------------|--------------------|----------------|---------------|
| 1 4881.00 | 32.98 | 7.36 | 42.95 | 33.94 | 49.35 | 74.00 | 24.65 Peak |
| 2 4882.25 | 32.98 | 7.36 | 36.10 | 33.94 | 42.50 | 54.00 | 11.50 Average |
| 3 7313.00 | 36.34 | 9.08 | 41.26 | 34.05 | 52.63 | 74.00 | 21.37 Peak |
| 4 7314.25 | 36.34 | 9.08 | 32.10 | 34.05 | 43.47 | 54.00 | 10.53 Average |

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



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Data: 64 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 802.11g CH11 2462MHz
Memo :

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

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

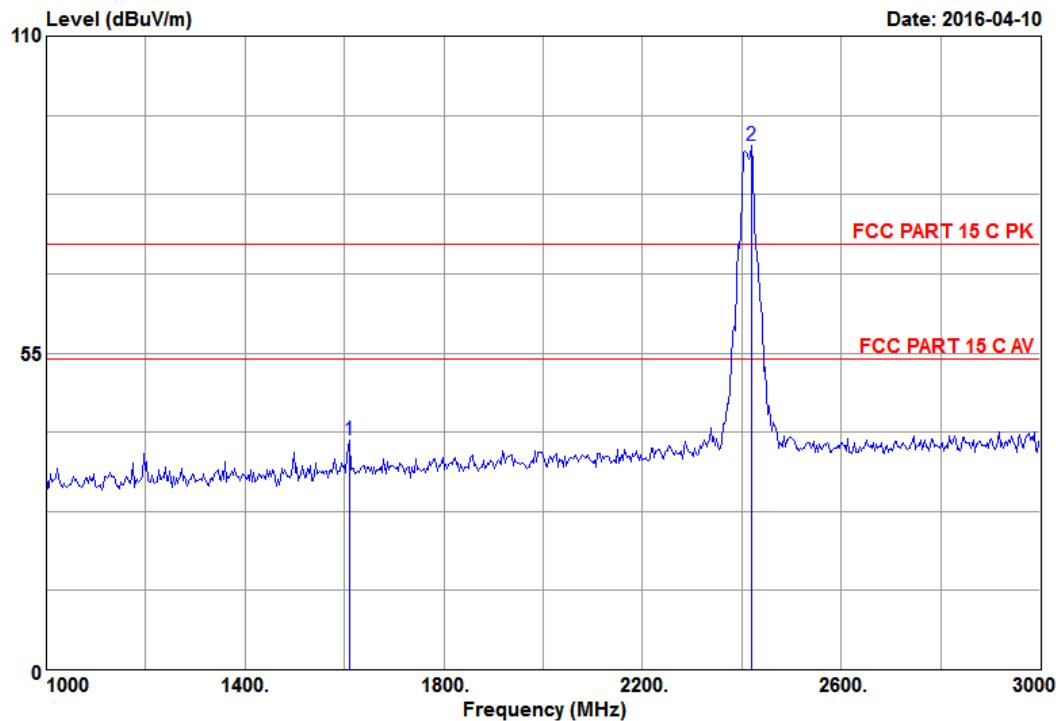
Remarks: 1. Emission Level= Ant.Factor + Cable Loss + Reading - Preamp.Factor.
2. The emission levels that are 20dB below the official limit are not reported.

4.7.3. Type of Network : IEEE 802.11n HT20



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Data: 65 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-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11nHT20 CH1 2412MHz
Memo :

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

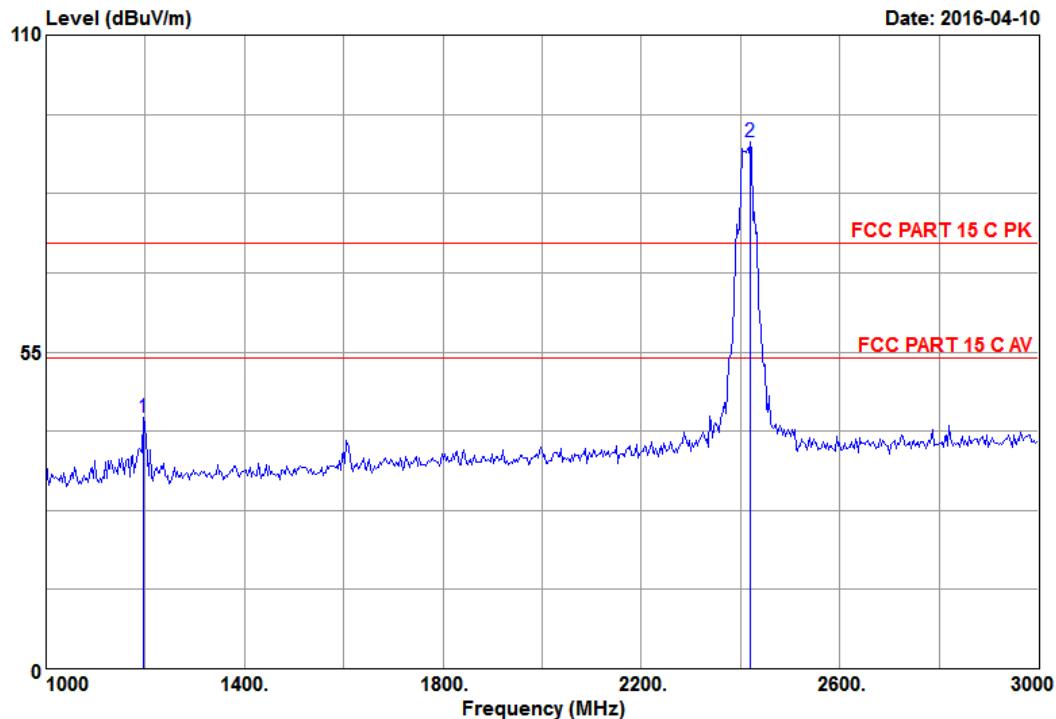
| | Freq. | Ant. | Cable | Preamp | Emission | | | |
|---|---------|--------|-------|---------------------|----------|----------------------|----------------------|--------|
| | (MHz) | Factor | Loss | Reading | Factor | Level | Limits | Margin |
| | | (dB) | (dB) | (dB _{uV}) | (dB) | (dB _{V/m}) | (dB _{V/m}) | (dB) |
| 1 | 1609.00 | 25.58 | 4.04 | 45.12 | 34.95 | 39.79 | 74.00 | 34.21 |
| 2 | 2419.00 | 28.49 | 5.12 | 91.91 | 34.50 | 91.02 | 74.00 | -17.02 |

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



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Data: 67 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 802.11nHT20 CH1 2412MHz
Memo :

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

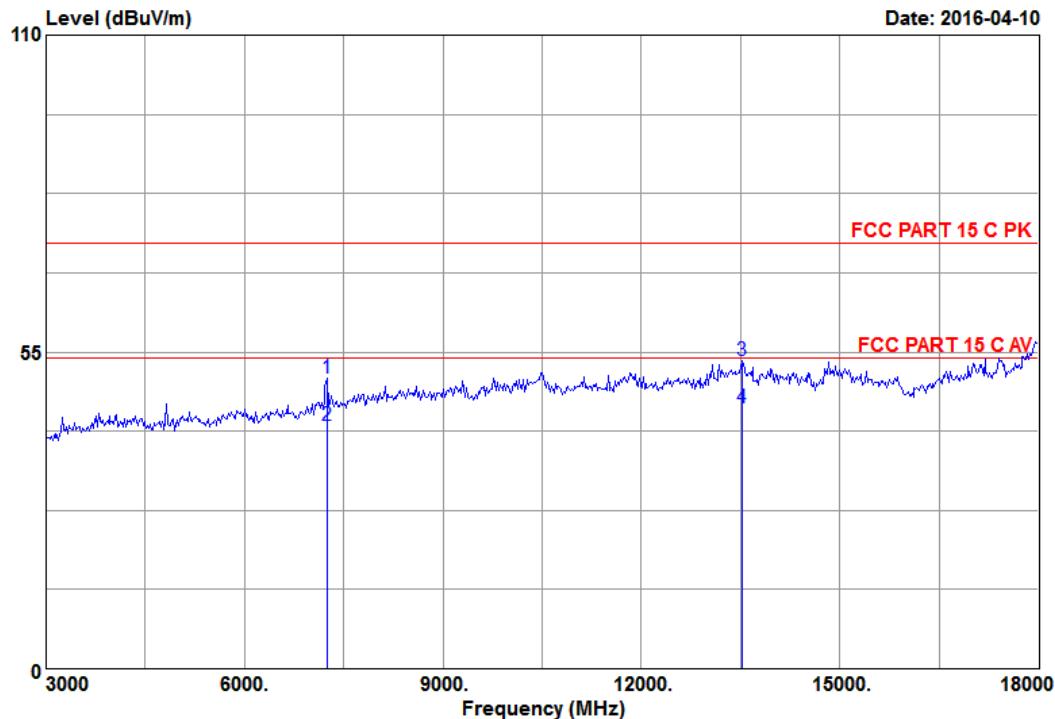
| Freq. | Ant. | Cable | Preamp | Emission | | | | |
|-------|---------|-------|---------------------|----------|-----------------------|-----------------------|--------|-------------|
| (MHz) | Factor | Loss | Reading | Factor | Level | Limits | Margin | Remark |
| | (dB) | (dB) | (dB _{UV}) | (dB) | (dB _{UV} /m) | (dB _{UV} /m) | (dB) | |
| 1 | 1195.00 | 23.94 | 3.44 | 51.58 | 35.35 | 43.61 | 74.00 | 30.39 Peak |
| 2 | 2419.00 | 28.49 | 5.12 | 92.46 | 34.50 | 91.57 | 74.00 | -17.57 Peak |

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



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Data: 66 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber
Dis. / Ant. : 3m 3115-62960-150630
Limit : FCC PART 15 C PK
Env. / Ins. : 21.8*C&48%N9030A
EUT : TI-nspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11nHT20 CH1 2412MHz
Memo :

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

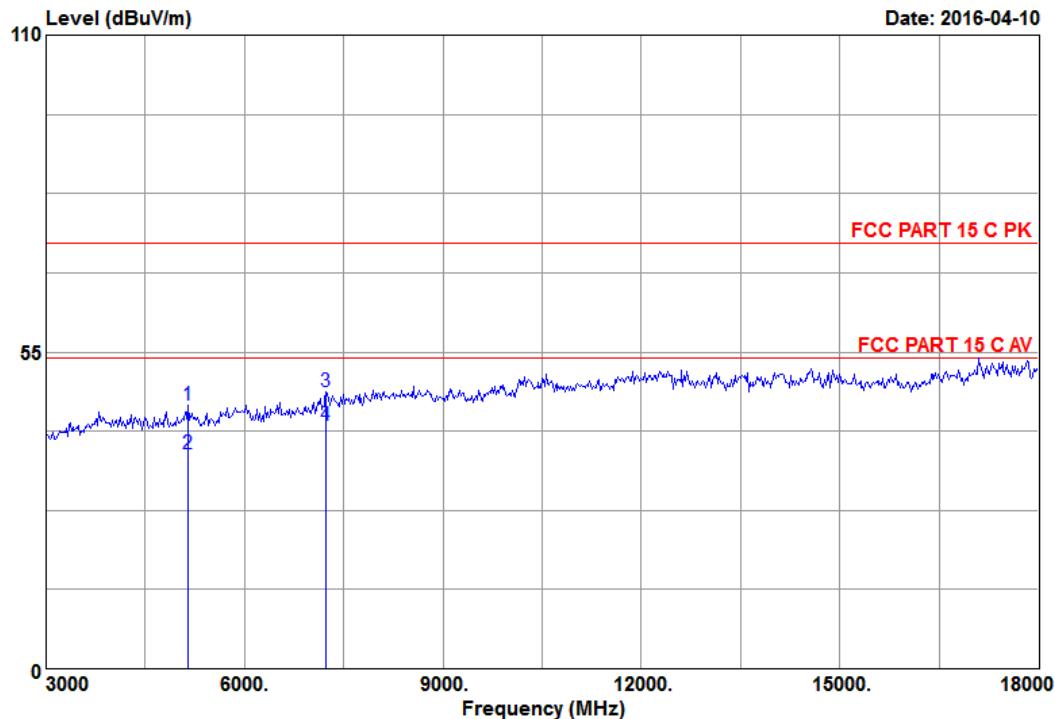
| Freq. (MHz) | Ant. Factor (dB) | Cable Loss (dB) | Preamp Reading (dBuV) | Emission Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|----------------|------------------------|-----------------------|-----------------------------|----------------------------|-------------------------------|--------------------|----------------|---------|
| 1 7256.00 | 36.22 | 9.02 | 39.15 | 34.04 | 50.35 | 74.00 | 23.65 | Peak |
| 2 7257.14 | 36.22 | 9.02 | 31.10 | 34.04 | 42.30 | 54.00 | 11.70 | Average |
| 3 13526.00 | 41.17 | 12.59 | 31.64 | 32.01 | 53.39 | 74.00 | 20.61 | Peak |
| 4 13527.25 | 41.17 | 12.59 | 23.50 | 32.01 | 45.25 | 54.00 | 8.75 | Average |

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



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Data: 68 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber
 Dis. / Ant. : 3m 3115-62960-150630
 Limit : FCC PART 15 C PK
 Env. / Ins. : 21.8*C&48%N9030A
 EUT : TI-nspire CX navigator access point
 M/N : TINAVAP3-2
 Power Rating: DC 5V
 Test Mode : TX 802.11nHT20 CH1 2412MHz
 Memo :

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

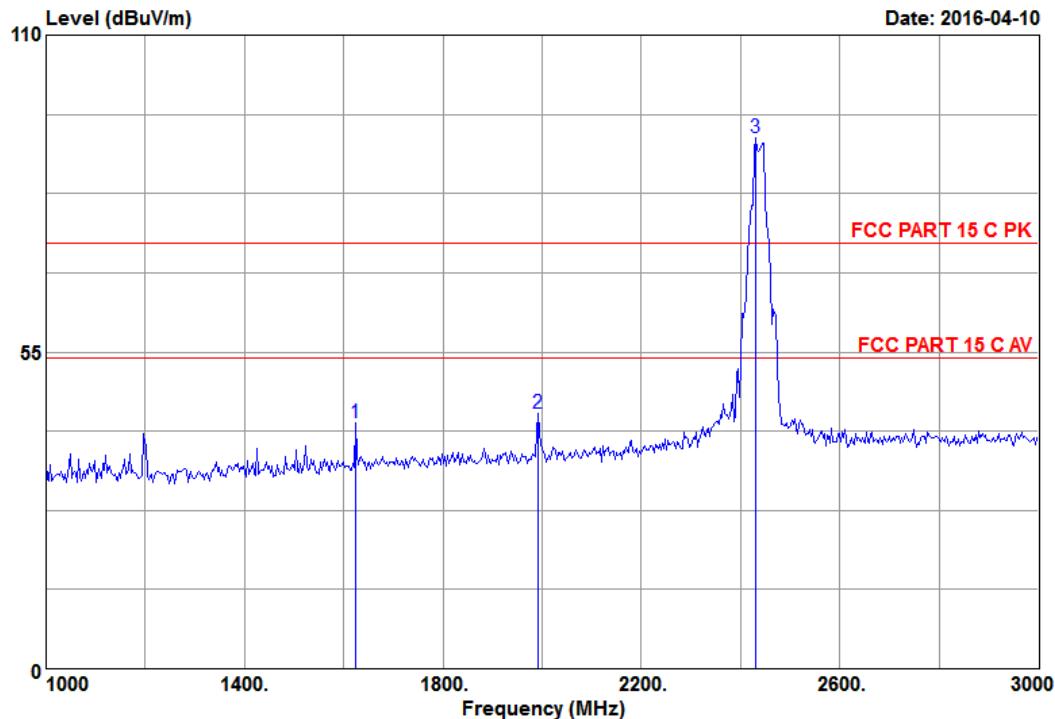
| Freq. (MHz) | Ant. Factor (dB) | Cable Loss (dB) | Preamp Reading (dB _{uV}) | Emission Level (dB _{uV/m}) | Limits (dB _{uV/m}) | Margin (dB) | Remark |
|----------------|------------------------|-----------------------|--|--|---------------------------------|----------------|---------------|
| 1 5147.00 | 33.44 | 7.59 | 38.74 | 33.92 | 45.85 | 74.00 | 28.15 Peak |
| 2 5148.25 | 33.44 | 7.59 | 30.21 | 33.92 | 37.32 | 54.00 | 16.68 Average |
| 3 7237.00 | 36.18 | 9.02 | 37.03 | 34.04 | 48.19 | 74.00 | 25.81 Peak |
| 4 7238.69 | 36.18 | 9.02 | 31.10 | 34.04 | 42.26 | 54.00 | 11.74 Average |

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



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Data: 69 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-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11nHT20 CH6 2437MHz
Memo :

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

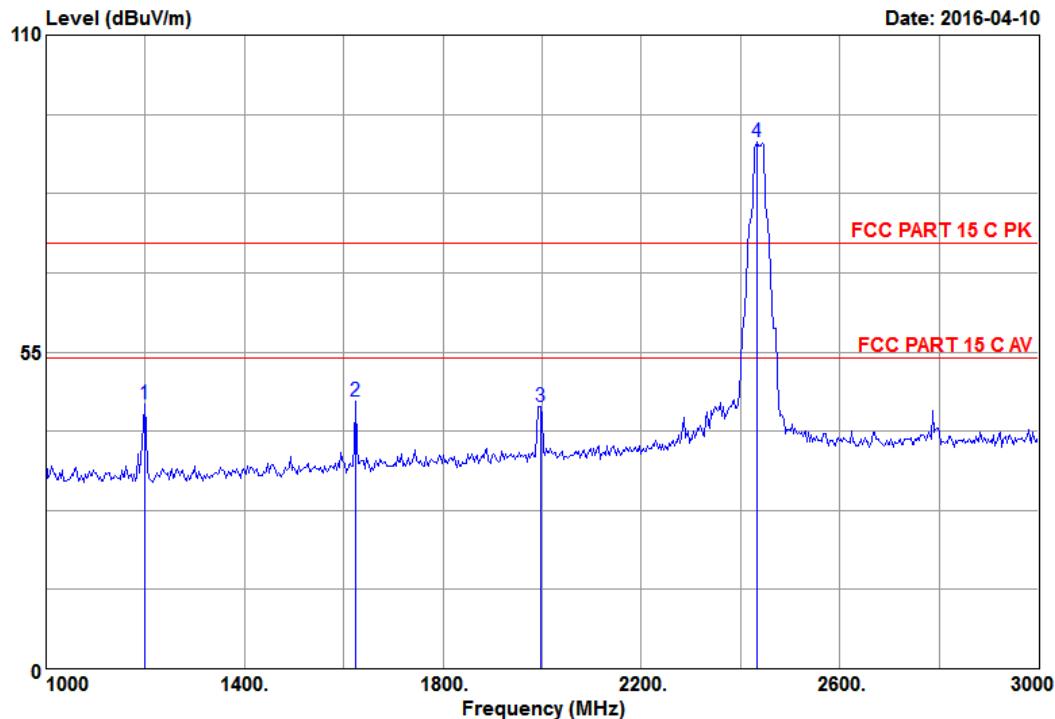
| Freq. (MHz) | Ant. Factor (dB) | Cable Loss (dB) | Preamp Reading (dB _{UV}) | Emission Level (dB _{UV} /m) | Limits (dB _{UV} /m) | Margin (dB) | Remark |
|----------------|------------------------|-----------------------|--|--|---------------------------------|----------------|-------------|
| 1 1624.00 | 25.67 | 4.04 | 47.94 | 34.95 | 42.70 | 74.00 | 31.30 Peak |
| 2 1993.00 | 27.42 | 4.61 | 46.84 | 34.57 | 44.30 | 74.00 | 29.70 Peak |
| 3 2431.00 | 28.53 | 5.12 | 93.10 | 34.50 | 92.25 | 74.00 | -18.25 Peak |

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



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Data: 71 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



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-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11nHT20 CH6 2437MHz
Memo :

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

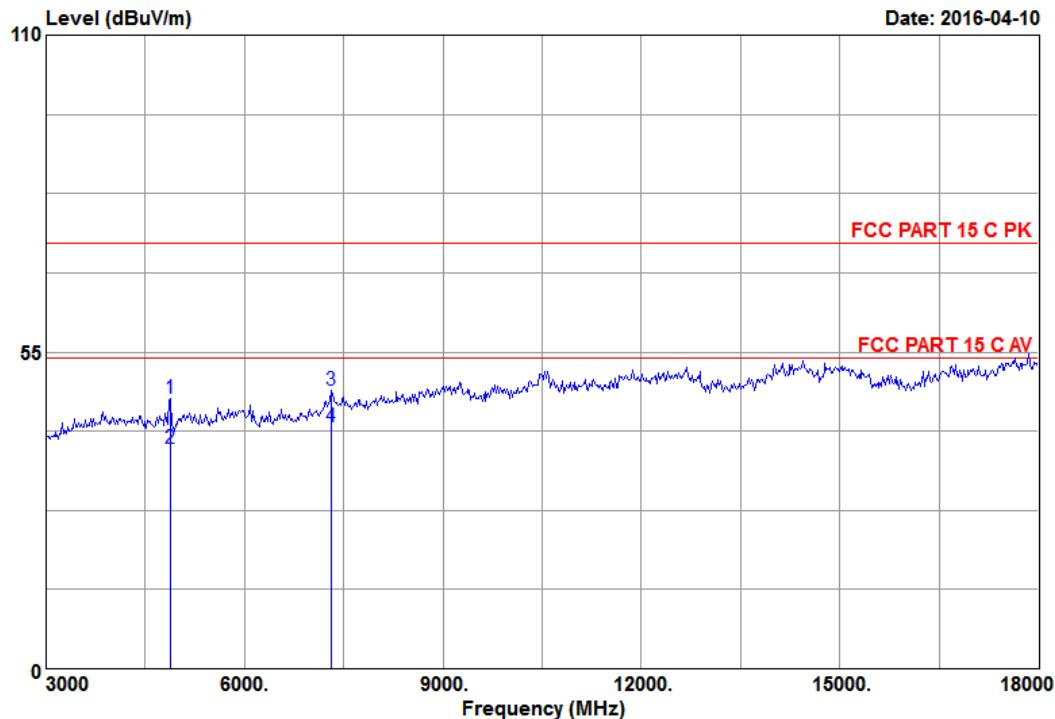
| Freq. (MHz) | Ant. Factor (dB) | Cable Loss (dB) | Preamp Reading (dB _B V) | Emission Level (dB _B V/m) | Limits (dB _B V/m) | Margin (dB) | Remark |
|----------------|------------------------|-----------------------|--|--|---------------------------------|----------------|-------------|
| 1 1198.00 | 24.00 | 3.44 | 53.95 | 35.35 | 46.04 | 74.00 | 27.96 Peak |
| 2 1624.00 | 25.67 | 4.04 | 51.61 | 34.95 | 46.37 | 74.00 | 27.63 Peak |
| 3 1996.00 | 27.50 | 4.61 | 48.05 | 34.57 | 45.59 | 74.00 | 28.41 Peak |
| 4 2434.00 | 28.53 | 5.12 | 92.31 | 34.50 | 91.46 | 74.00 | -17.46 Peak |

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



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Data: 70 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



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 CH6 2437MHz
Memo :

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

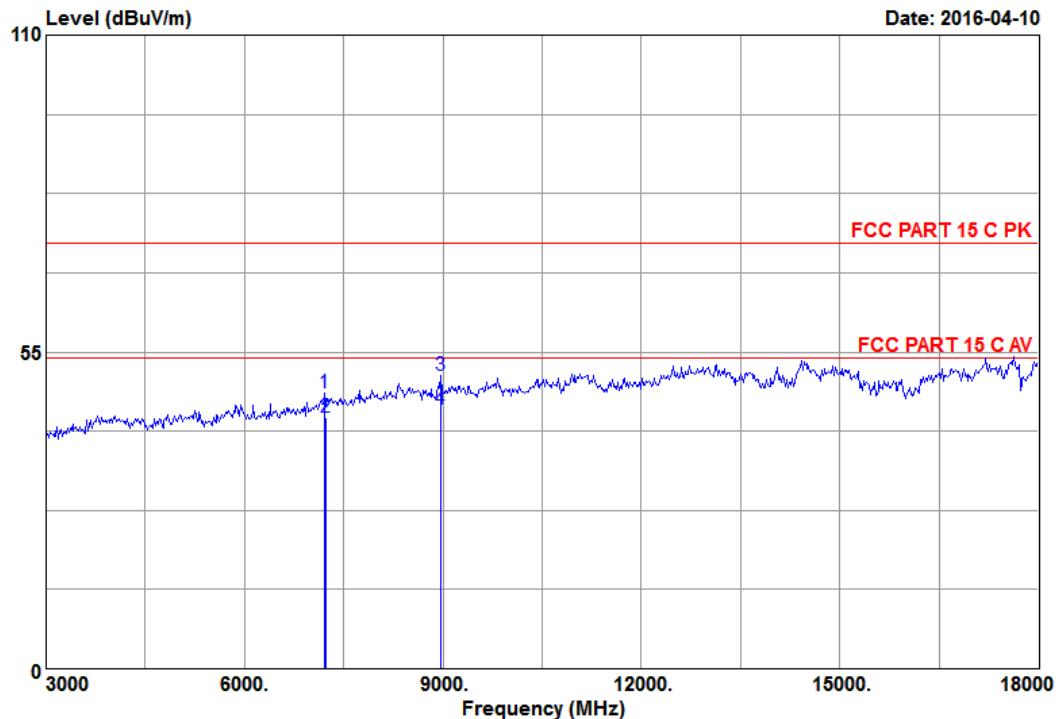
| Freq. (MHz) | Ant. Factor (dB) | Cable Loss (dB) | Preamp Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|----------------|------------------------|-----------------------|-----------------------------|-------------------------------|--------------------|----------------|---------------|
| 1 4881.00 | 32.98 | 7.36 | 40.55 | 33.94 | 46.95 | 74.00 | 27.05 Peak |
| 2 4882.16 | 32.98 | 7.36 | 31.80 | 33.94 | 38.20 | 54.00 | 15.80 Average |
| 3 7313.00 | 36.34 | 9.08 | 36.96 | 34.05 | 48.33 | 74.00 | 25.67 Peak |
| 4 7315.25 | 36.34 | 9.08 | 30.60 | 34.05 | 41.97 | 54.00 | 12.03 Average |

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



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Data: 72 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



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-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11nHT20 CH6 2437MHz
Memo :

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

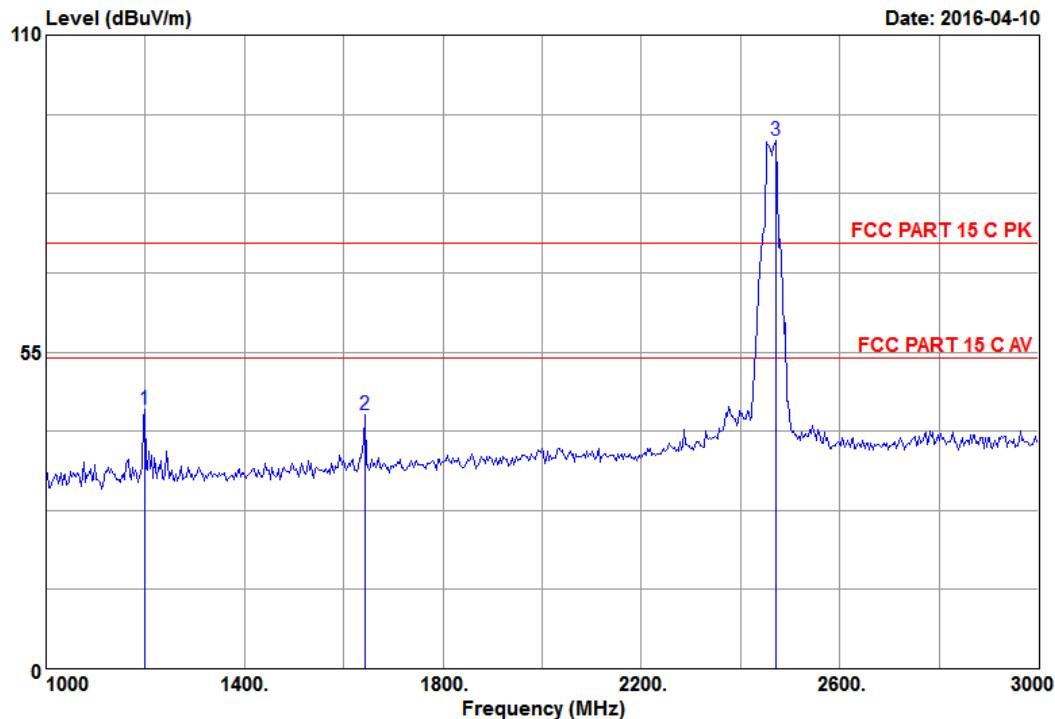
| Freq. (MHz) | Ant. Factor (dB) | Cable Loss (dB) | Preamp Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|----------------|------------------------|-----------------------|-----------------------------|-------------------------------|--------------------|----------------|---------------|
| 1 7218.00 | 36.14 | 9.00 | 36.70 | 34.04 | 47.80 | 74.00 | 26.20 Peak |
| 2 7219.25 | 36.14 | 9.00 | 32.60 | 34.04 | 43.70 | 54.00 | 10.30 Average |
| 3 8966.00 | 37.97 | 9.97 | 37.44 | 34.40 | 50.98 | 74.00 | 23.02 Peak |
| 4 8967.58 | 37.97 | 9.97 | 31.40 | 34.40 | 44.94 | 54.00 | 9.06 Average |

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



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Data: 73 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



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 CH11 2462MHz
Memo :

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

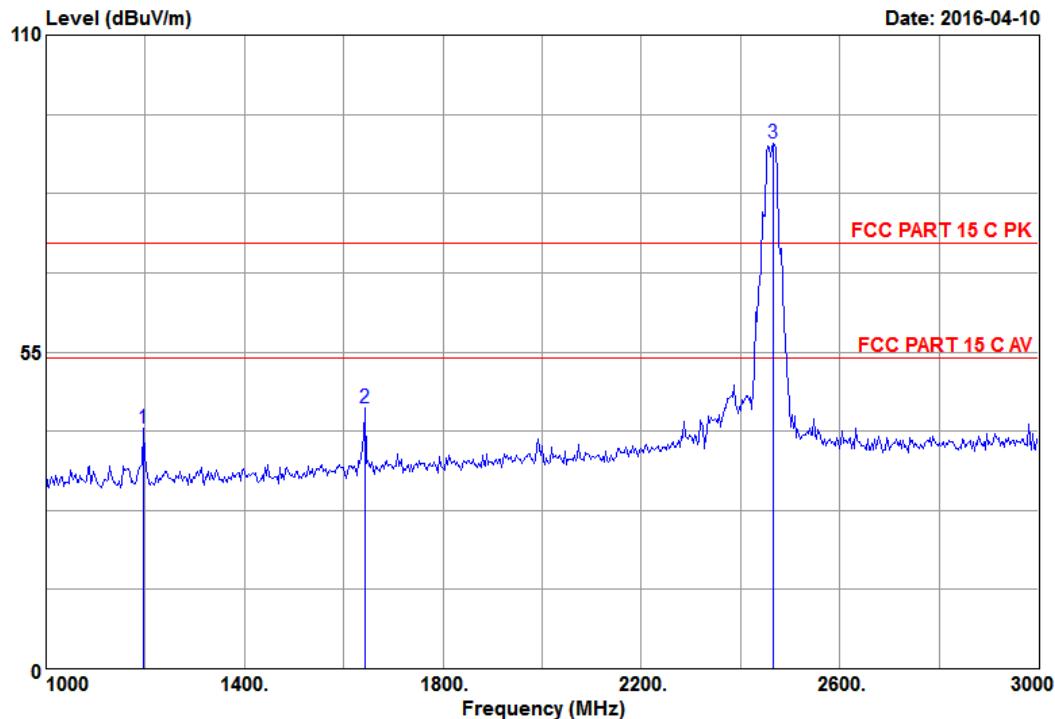
| Freq. (MHz) | Ant. (dB) | Cable Loss (dB) | Preamp Factor (dB) | Emission Level (dB _B V/m) | Limits (dB _B V/m) | Margin (dB) | Remark |
|----------------|--------------|-----------------------|--------------------------|--|---------------------------------|----------------|-------------|
| 1 1198.00 | 24.00 | 3.44 | 52.83 | 35.35 | 44.92 | 74.00 | 29.08 Peak |
| 2 1642.00 | 25.75 | 4.08 | 49.27 | 34.92 | 44.18 | 74.00 | 29.82 Peak |
| 3 2470.00 | 28.62 | 5.18 | 92.45 | 34.49 | 91.76 | 74.00 | -17.76 Peak |

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



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Data: 75 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



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

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

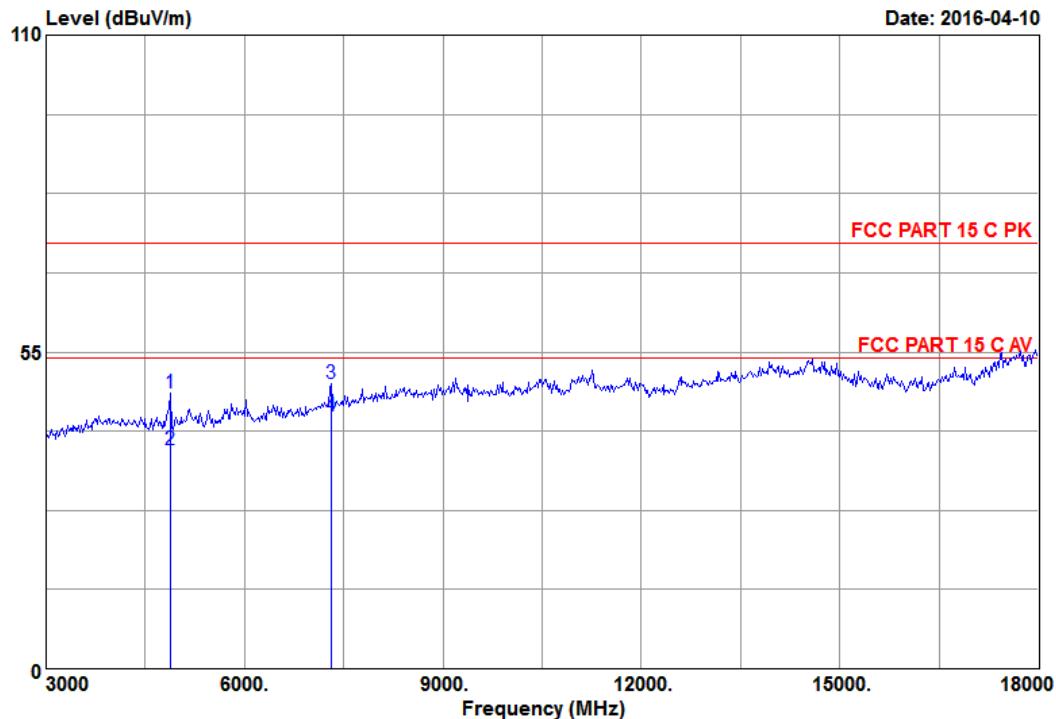
| Freq. (MHz) | Ant. Factor (dB) | Cable Loss (dB) | Preamp Reading (dB _B V) | Emission Level (dB _B V/m) | Limits (dB _B V/m) | Margin (dB) | Remark |
|----------------|------------------------|-----------------------|--|--|---------------------------------|----------------|-------------|
| 1 1195.00 | 23.94 | 3.44 | 49.65 | 35.35 | 41.68 | 74.00 | 32.32 Peak |
| 2 1642.00 | 25.75 | 4.08 | 50.27 | 34.92 | 45.18 | 74.00 | 28.82 Peak |
| 3 2467.00 | 28.62 | 5.18 | 91.89 | 34.49 | 91.20 | 74.00 | -17.20 Peak |

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



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Data: 74 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



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

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

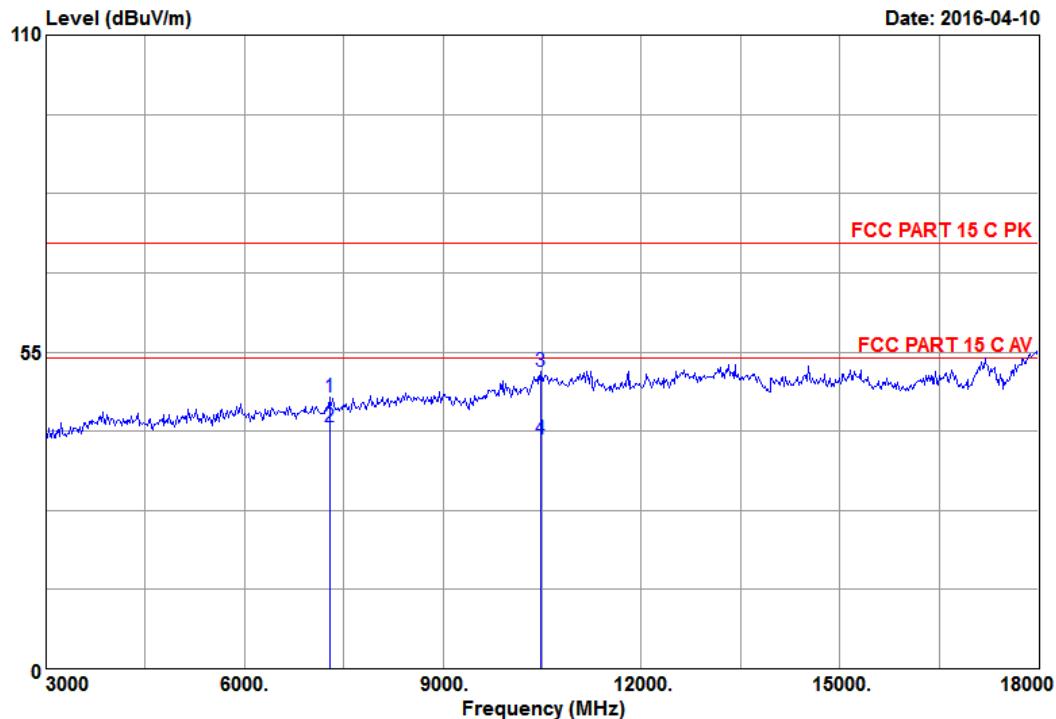
| Freq. (MHz) | Ant. Factor (dB) | Cable Loss (dB) | Preamp Reading (dB _{uV}) | Emission Level (dB _{uV/m}) | Limits (dB _{uV/m}) | Margin (dB) | Remark |
|----------------|------------------------|-----------------------|--|--|---------------------------------|----------------|---------------|
| 1 4881.00 | 32.98 | 7.36 | 41.37 | 33.94 | 47.77 | 74.00 | 26.23 Peak |
| 2 4882.25 | 32.98 | 7.36 | 31.50 | 33.94 | 37.90 | 54.00 | 16.10 Average |
| 3 7313.00 | 36.34 | 9.08 | 38.18 | 34.05 | 49.55 | 74.00 | 24.45 Peak |
| 4 7314.25 | 36.34 | 9.08 | 32.60 | 34.05 | 43.97 | 54.00 | 10.03 Average |

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



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Data: 76 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



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

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

| Freq. (MHz) | Ant. Factor (dB) | Cable Loss (dB) | Preamp Reading (dB _{UV}) | Emission Level (dB _{UV} /m) | Limits (dB _{UV} /m) | Margin (dB) | Remark |
|----------------|------------------------|-----------------------|--|--|---------------------------------|----------------|---------------|
| 1 7294.00 | 36.30 | 9.06 | 35.90 | 34.05 | 47.21 | 74.00 | 26.79 Peak |
| 2 7295.15 | 36.30 | 9.06 | 30.60 | 34.05 | 41.91 | 54.00 | 12.09 Average |
| 3 10486.00 | 39.57 | 11.09 | 35.11 | 34.07 | 51.70 | 74.00 | 22.30 Peak |
| 4 10487.25 | 39.57 | 11.09 | 23.21 | 34.07 | 39.80 | 54.00 | 14.20 Average |

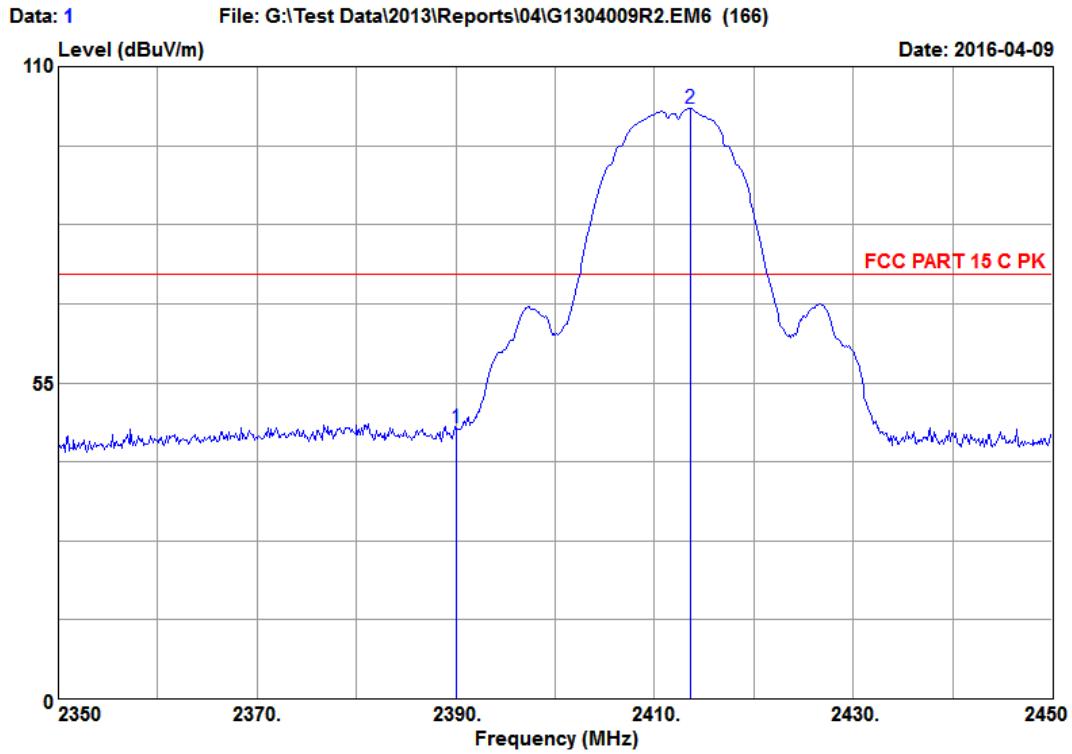
Remarks: 1. Emission Level = Ant.Factor + Cable Loss + Reading - Preamp.Factor.
2. The emission levels that are 20dB below the official limit are not reported.

4.8. Spurious Emission Measurement Results in Band Edge Emission

4.8.1. IEEE 802.11b



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Site NO. : 3m Semi-Anechoic Chamber
Dis. / Ant. : 3m 3115-62960-150630
Limit : FCC PART 15 C PK
Env. / Ins. : 21.8*C&48%/N9030A
EUT : TI-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11b CH1 2412MHz
Memo :

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

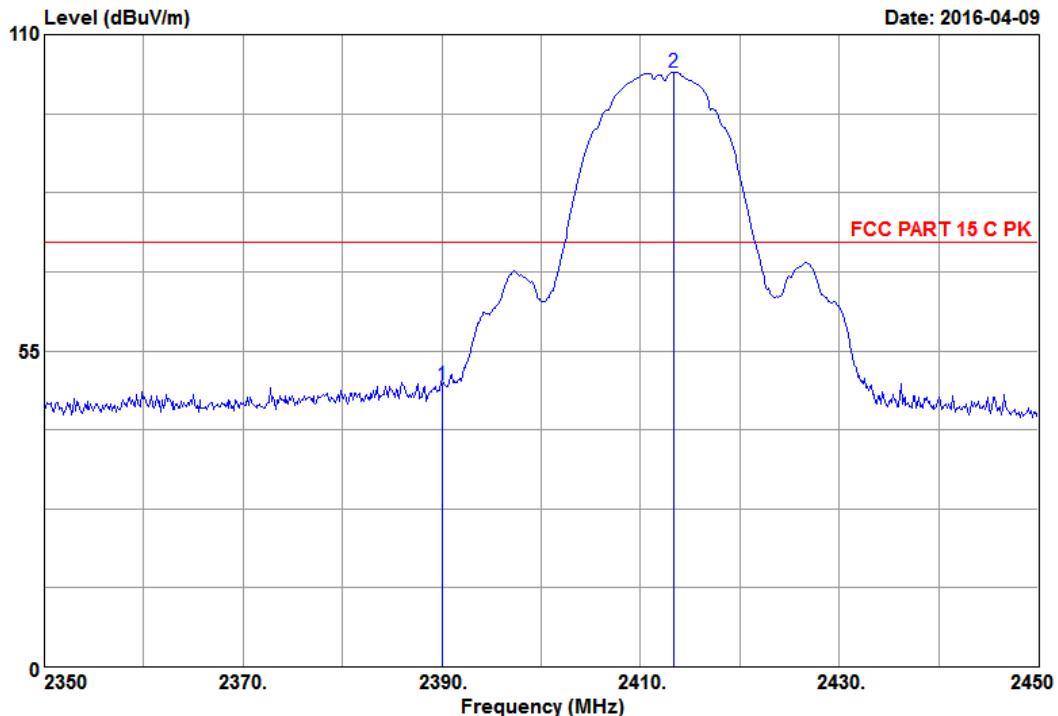
| Freq. | Ant. Factor | Cable Loss | Preamp Reading | Emission Factor | Emission Level | Limits | Margin | Remark |
|-----------|-------------|------------|----------------|-----------------|----------------|----------|--------|--------|
| (MHz) | (dB) | (dB) | (dBuV) | (dB) | (dBuV/m) | (dBuV/m) | (dB)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

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



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Data: 2 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber
Dis. / Ant. : 3m 3115-62960-150630
Limit : FCC PART 15 C PK
Env. / Ins. : 21.8*C&48%N9030A
EUT : TI-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11b CH1 2412MHz
Memo :

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

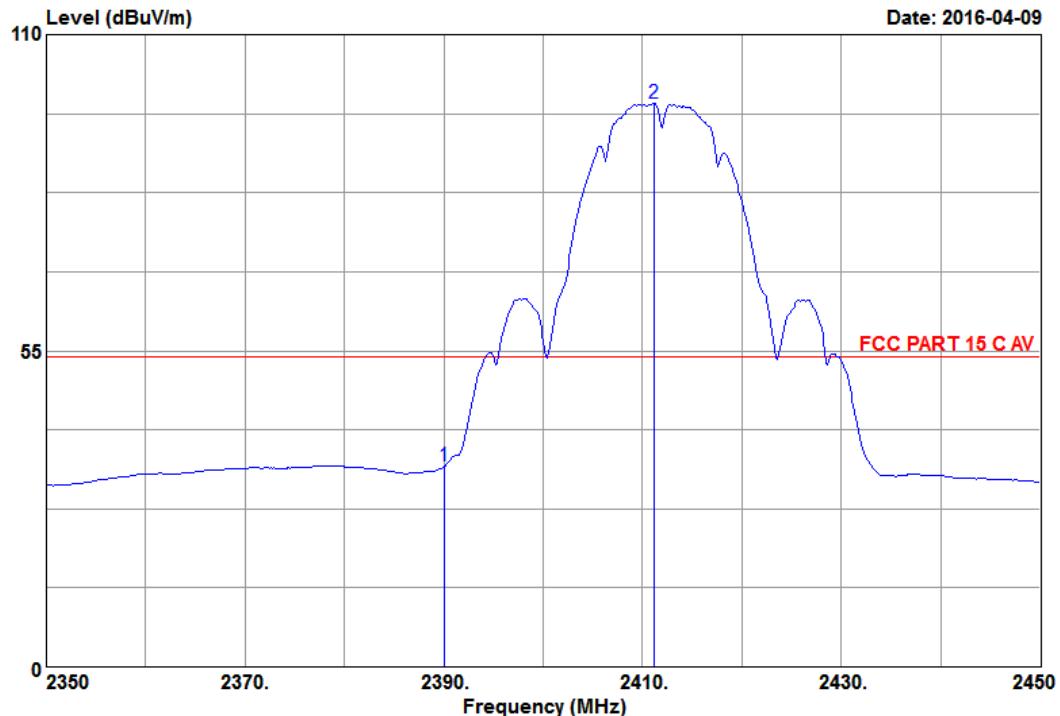
| | Freq. | Ant. Factor | Cable Loss | Preamp Factor | Emission Level | Limits | Margin | Remark |
|---|---------|-------------|------------|---------------|----------------|----------|--------|-------------|
| | (MHz) | (dB) | (dB) | (dB) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 2390.00 | 28.45 | 5.09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

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



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Data: 3 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber
Dis. / Ant. : 3m 3115-62960-150630
Limit : FCC PART 15 C AV
Env. / Ins. : 21.8°C&48%N9030A
EUT : TI-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11b CH1 2412MHz
Memo :

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

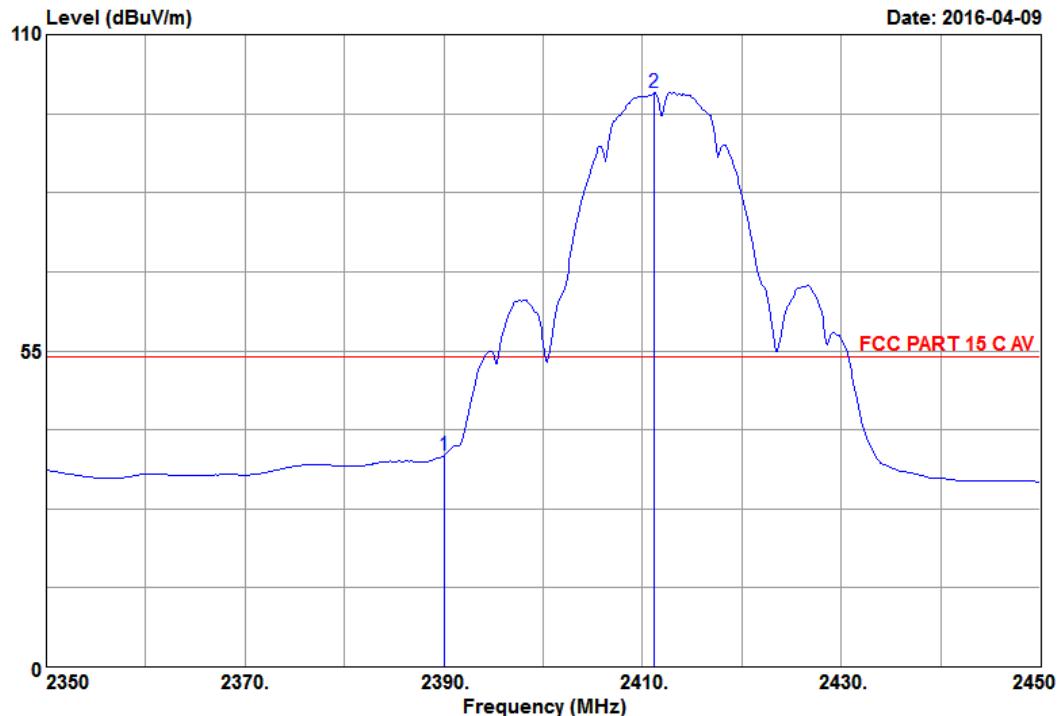
| | Freq. | Ant. Factor | Cable Loss | Preamp Factor | Emission Level | Limits | Margin | Remark |
|---|---------|-------------|------------|---------------|-----------------------|-----------------------|--------|----------------|
| | (MHz) | (dB) | (dB) | (dB) | (dB _{UV} /m) | (dB _{UV} /m) | (dB)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

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



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Data: 4 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber
Dis. / Ant. : 3m 3115-62960-150630
Limit : FCC PART 15 C AV
Env. / Ins. : 21.8*C&48%N9030A
EUT : TI-nspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11b CH1 2412MHz
Memo :

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

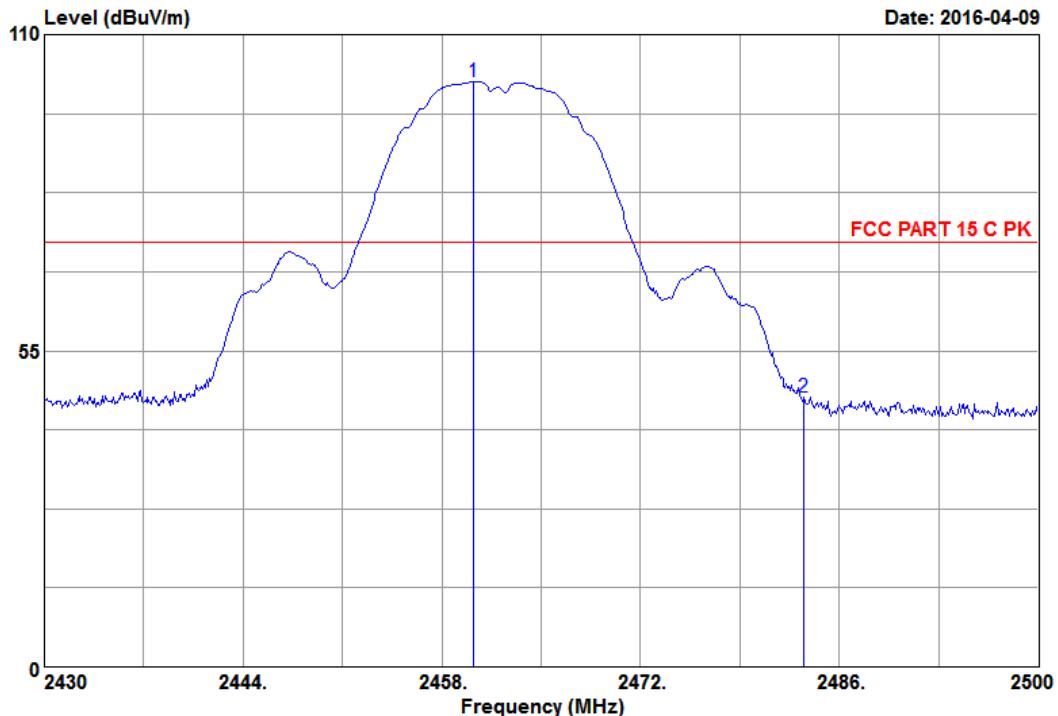
| | Freq. | Ant. Factor | Cable Loss | Preamp Factor | Emission Level | Limits | Margin | Remark |
|---|---------|-------------|------------|---------------|-----------------------|-----------------------|--------|----------------|
| | (MHz) | (dB) | (dB) | (dB) | (dB _{UV} /m) | (dB _{UV} /m) | (dB)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

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



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Data: 5 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber
Dis. / Ant. : 3m 3115-62960-150630
Limit : FCC PART 15 C PK
Env. / Ins. : 21.8*C&48%N9030A
EUT : TI-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11b CH11 2462MHz
Memo :

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

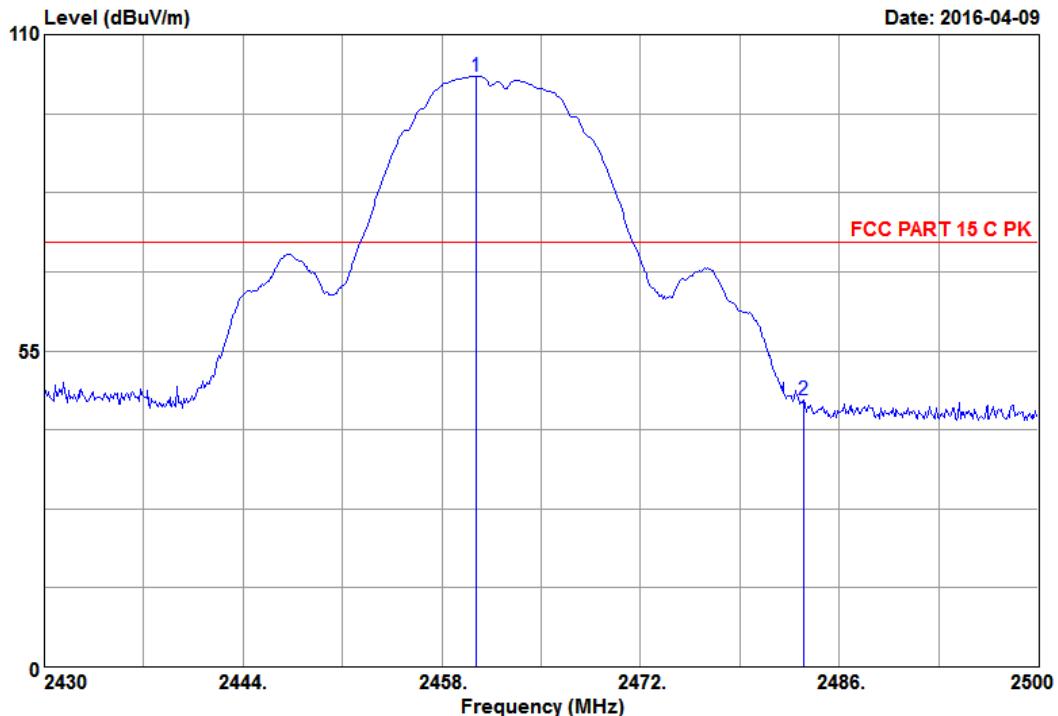
| | Freq. | Ant. | Cable | Preamp | Emission | | | |
|---|---------|--------|-------|---------|----------|----------|----------|--------|
| | (MHz) | Factor | Loss | Reading | Factor | Level | Limits | Margin |
| | | (dB) | (dB) | (dBuV) | (dB) | (dBuV/m) | (dBuV/m) | (dB) |
| 1 | 2460.24 | 28.62 | 5.15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

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



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Data: 6 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber
Dis. / Ant. : 3m 3115-62960-150630
Limit : FCC PART 15 C PK
Env. / Ins. : 21.8*C&48%N9030A
EUT : TI-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11b CH11 2462MHz
Memo :

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

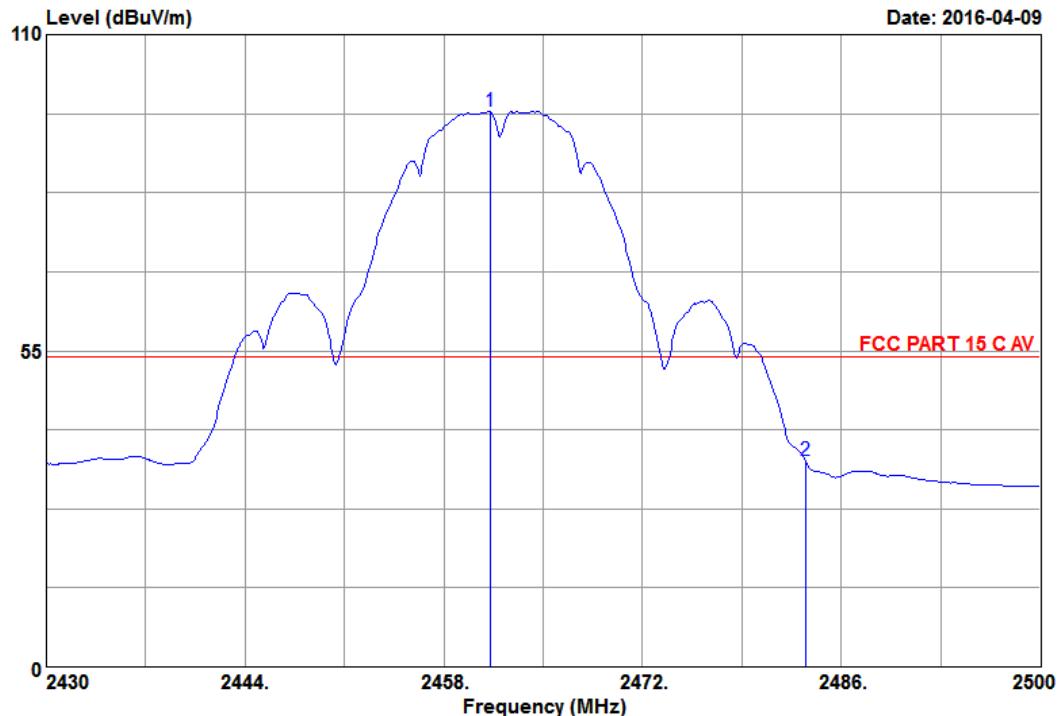
| | Freq. | Ant. Factor | Cable Loss | Preamp Factor | Emission Level | Limits | Margin | Remark |
|---|---------|-------------|------------|---------------|----------------|----------|--------|-------------|
| | (MHz) | (dB) | (dB) | (dB) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 2460.42 | 28.62 | 5.15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

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



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Data: 7 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber
Dis. / Ant. : 3m 3115-62960-150630
Limit : FCC PART 15 C AV
Env. / Ins. : 21.8*C&48%N9030A
EUT : TI-nspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11b CH11 2462MHz
Memo :

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

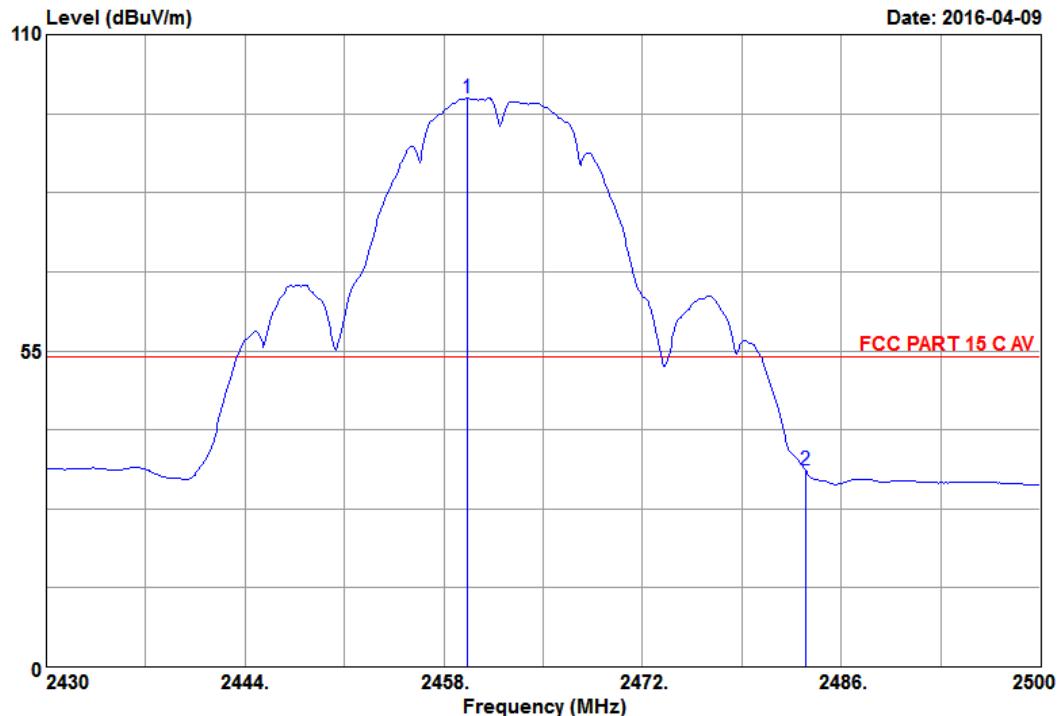
| | Freq. | Ant. Factor | Cable Loss | Preamp Factor | Emission Level | Limits | Margin | Remark |
|---|---------|-------------|------------|---------------|-----------------------|-----------------------|--------|----------------|
| | (MHz) | (dB) | (dB) | (dB) | (dB _{UV} /m) | (dB _{UV} /m) | (dB)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

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



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Data: 8 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber
Dis. / Ant. : 3m 3115-62960-150630
Limit : FCC PART 15 C AV
Env. / Ins. : 21.8*C&48%N9030A
EUT : TI-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11b CH11 2462MHz
Memo :

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

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

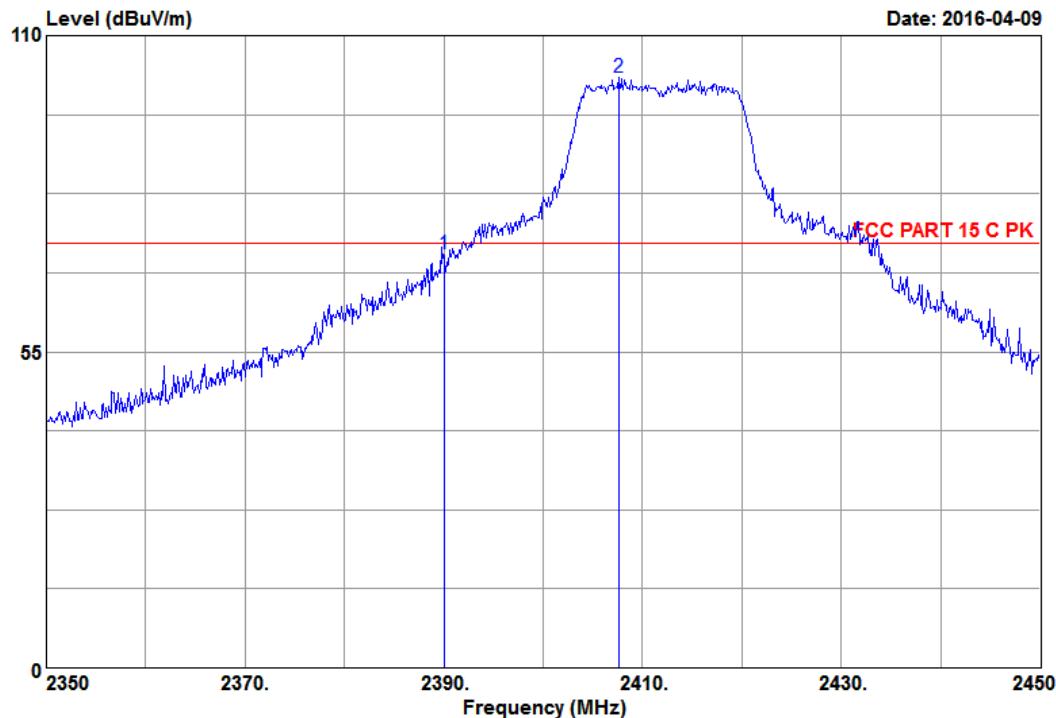
Remarks: 1. Emission Level= Ant.Factor + Cable Loss + Reading - Preamp.Factor.
2. The emission levels that are 20dB below the official limit are not reported.

4.8.2. IEEE 802.11g



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Data: 9 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 802.11g CH1 2412MHz
Memo :

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

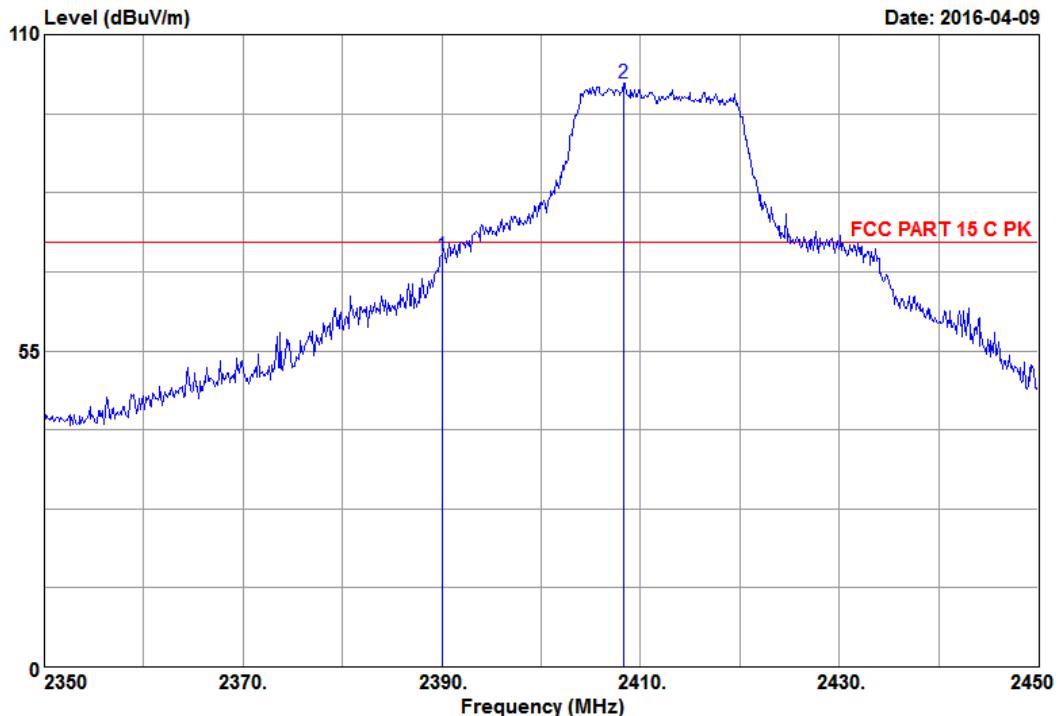
| Freq. (MHz) | Ant. (dB) | Cable Loss (dB) | Reading (dBuV) | Preamp Factor (dB) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|----------------|--------------|-----------------------|-------------------|--------------------------|-------------------------------|--------------------|----------------|--------|
| 1 2390.00 | 28.45 | 5.09 | 73.05 | 34.50 | 72.09 | 74.00 | 1.91 | Peak |
| 2 2407.60 | 28.49 | 5.09 | 103.69 | 34.50 | 102.77 | 74.00 | -28.77 | Peak |

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



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



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

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

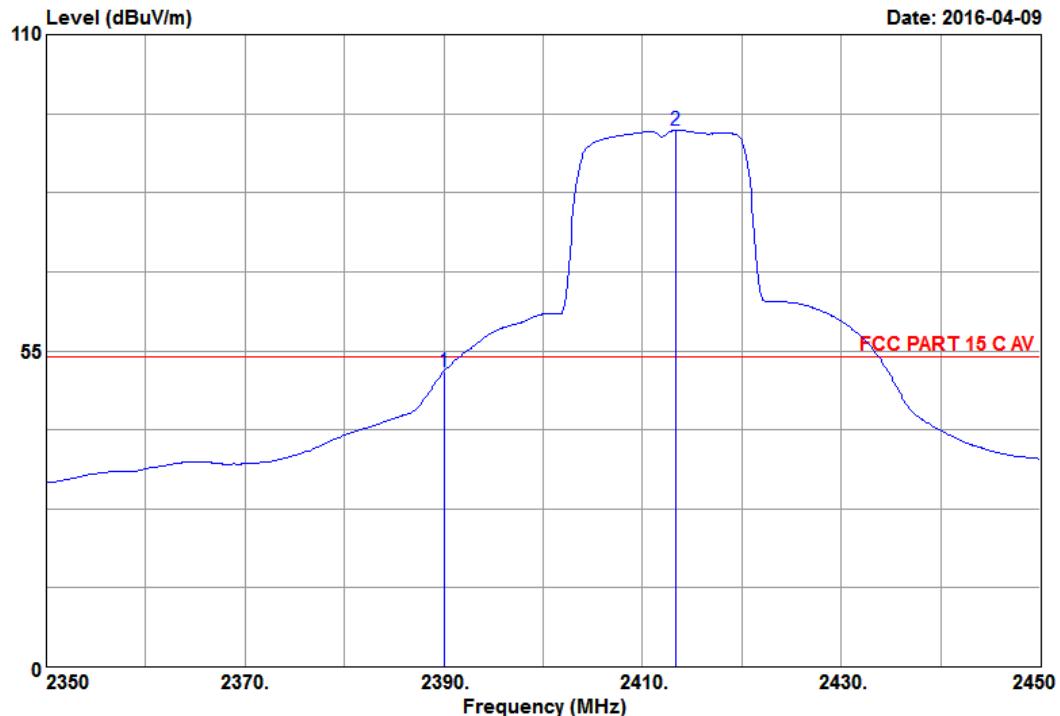
| | Freq. | Ant. Factor | Cable Loss | Preamp Factor | Emission Level | Limits | Margin | Remark |
|---|---------|-------------|------------|---------------|----------------|----------|--------|-------------|
| | (MHz) | (dB) | (dB) | (dB) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 2390.00 | 28.45 | 5.09 | 72.44 | 34.50 | 71.48 | 74.00 | 2.52 Peak |
| 2 | 2408.32 | 28.49 | 5.09 | 102.55 | 34.50 | 101.63 | 74.00 | -27.63 Peak |

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



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Data: 11 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber
Dis. / Ant. : 3m 3115-62960-150630
Limit : FCC PART 15 C AV
Env. / Ins. : 21.8*C&48%N9030A
EUT : TI-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11g CH1 2412MHz
Memo :

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

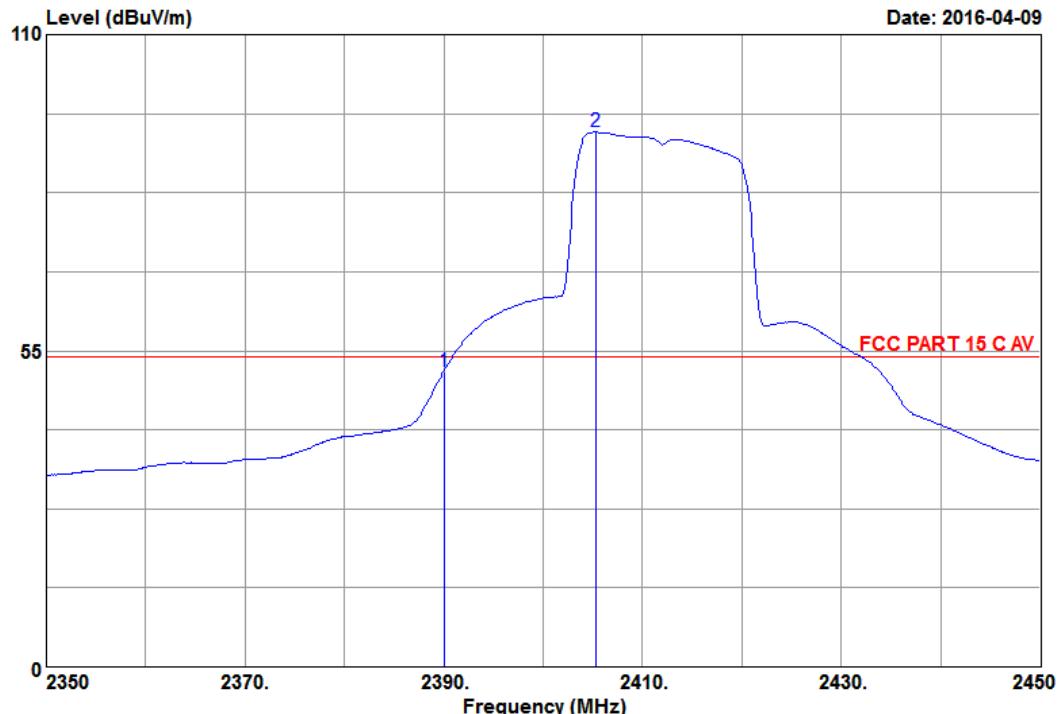
| | Freq. (MHz) | Ant. (dB) | Cable Loss (dB) | Reading (dB _{UV}) | Preamp Factor (dB) | Emission Level (dB _{UV} /m) | Limits (dB _{UV} /m) | Margin (dB) | Remark |
|---|----------------|--------------|-----------------------|--------------------------------|--------------------------|--|---------------------------------|----------------|---------|
| 1 | 2390.00 | 28.45 | 5.09 | 52.30 | 34.50 | 51.34 | 54.00 | 2.66 | Average |
| 2 | 2413.36 | 28.49 | 5.09 | 94.25 | 34.50 | 93.33 | 54.00 | -39.33 | Average |

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



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Data: 12 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber
Dis. / Ant. : 3m 3115-62960-150630
Limit : FCC PART 15 C AV
Env. / Ins. : 21.8*C&48%N9030A
EUT : TI-nspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11g CH1 2412MHz
Memo :

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

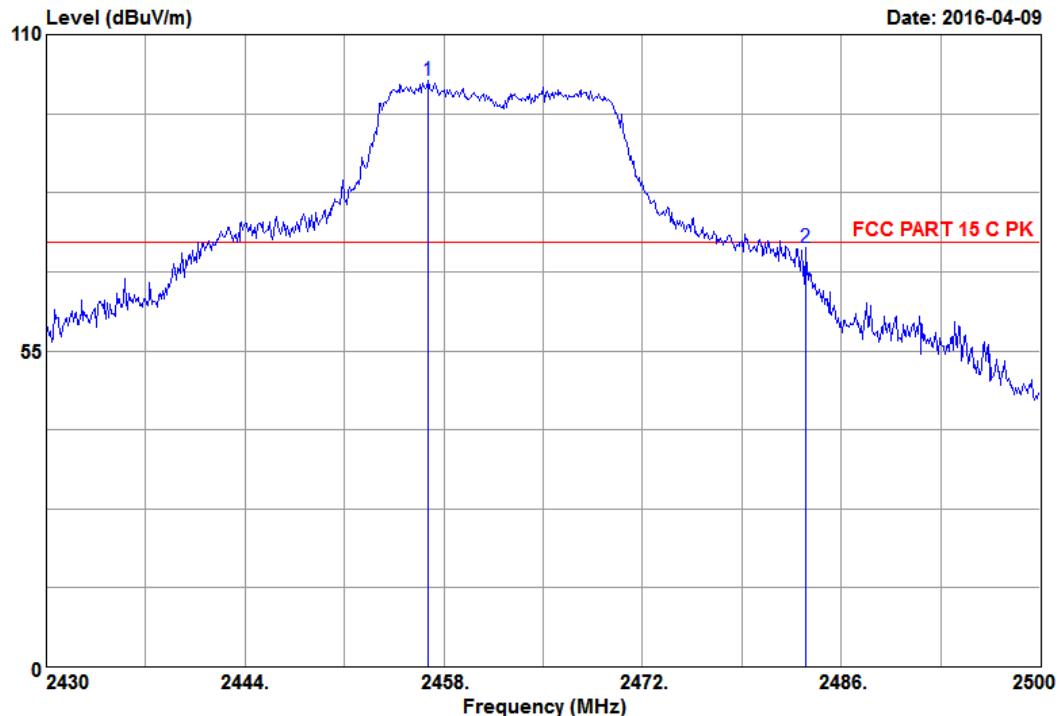
| | Freq. | Ant. Factor | Cable Loss | Preamp Factor | Emission Level | Limits | Margin | Remark |
|---|---------|-------------|------------|---------------|-----------------------|-----------------------|--------|----------------|
| | (MHz) | (dB) | (dB) | (dB) | (dB _{UV} /m) | (dB _{UV} /m) | (dB) | |
| 1 | 2390.00 | 28.45 | 5.09 | 52.22 | 34.50 | 51.26 | 54.00 | 2.74 Average |
| 2 | 2405.32 | 28.49 | 5.09 | 93.98 | 34.50 | 93.06 | 54.00 | -39.06 Average |

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



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Data: 13 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



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 802.11g CH11 2462MHz
Memo :

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

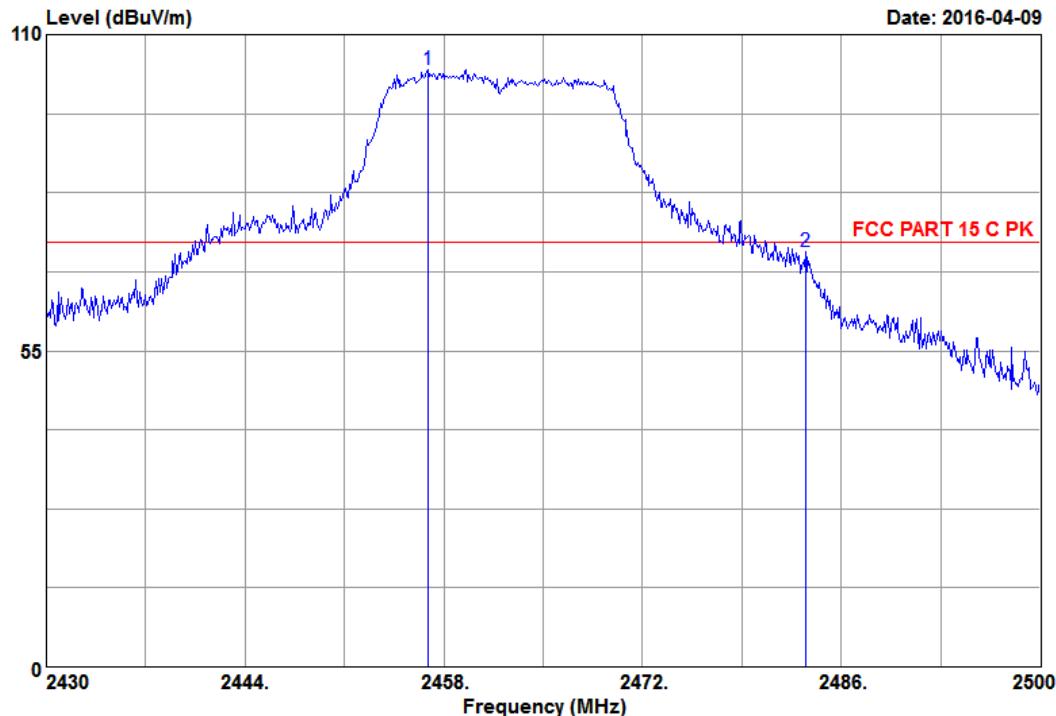
| | Freq. | Ant. Factor | Cable Loss | Preamp Factor | Emission Level | Limits | Margin | Remark |
|---|---------|-------------|------------|---------------|-----------------------|-----------------------|--------|-------------|
| | (MHz) | (dB) | (dB) | (dB) | (dB _B V/m) | (dB _B V/m) | (dB) | |
| 1 | 2456.91 | 28.62 | 5.15 | 102.76 | 34.50 | 102.03 | 74.00 | -28.03 Peak |
| 2 | 2483.50 | 28.66 | 5.18 | 73.49 | 34.49 | 72.84 | 74.00 | 1.16 Peak |

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



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Data: 14 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber
Dis. / Ant. : 3m 3115-62960-150630
Limit : FCC PART 15 C PK
Env. / Ins. : 21.8°C&48%RH030A
EUT : TI-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11g CH11 2462MHz
Memo :

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

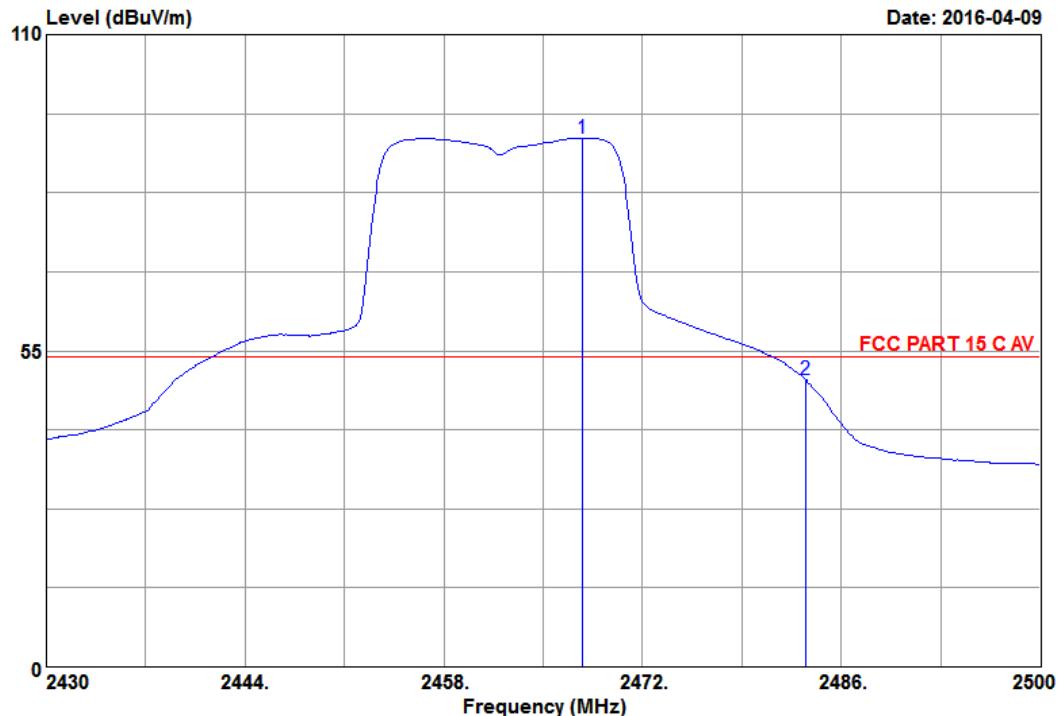
| | Freq. | Ant. | Cable | Preamp | Emission | | | |
|---|---------|--------|-------|---------------------|----------|-----------------------|-----------------------|--------|
| | (MHz) | Factor | Loss | Reading | Factor | Level | Limits | Margin |
| | | (dB) | (dB) | (dB _{UV}) | (dB) | (dB _{UV} /m) | (dB _{UV} /m) | (dB) |
| 1 | 2456.91 | 28.62 | 5.15 | 104.74 | 34.50 | 104.01 | 74.00 | -30.01 |
| 2 | 2483.50 | 28.66 | 5.18 | 72.84 | 34.49 | 72.19 | 74.00 | 1.81 |

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



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Data: 15 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber
Dis. / Ant. : 3m 3115-62960-150630
Limit : FCC PART 15 C AV
Env. / Ins. : 21.8*C&48%N9030A
EUT : TI-inspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11g CH11 2462MHz
Memo :

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

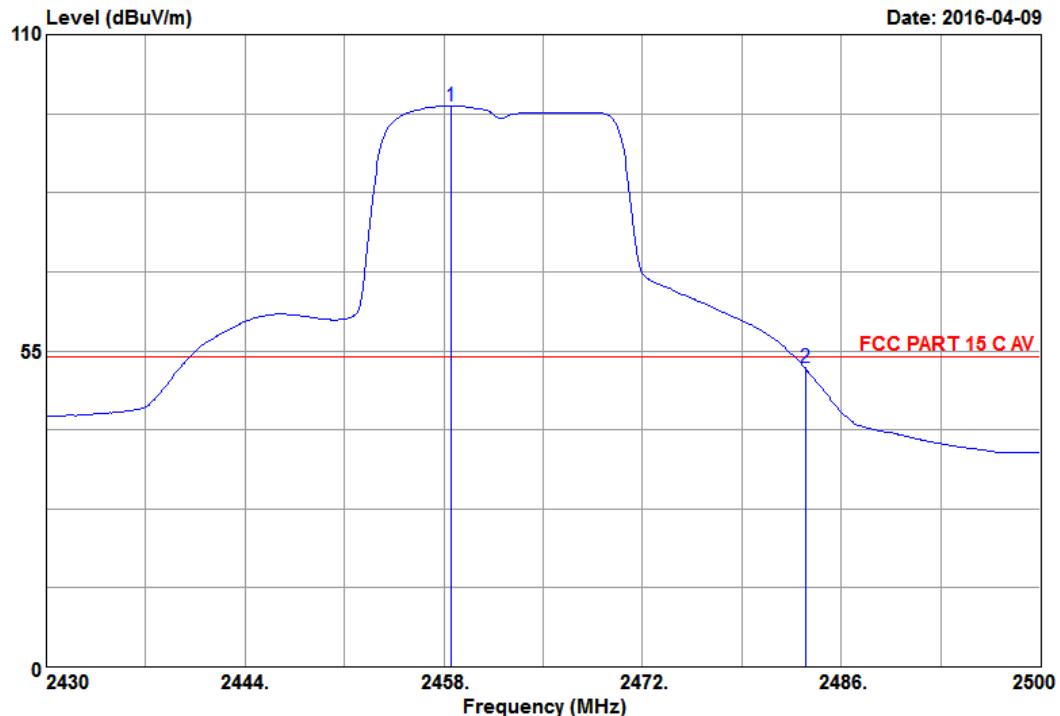
| | Freq. | Ant. Factor | Cable Loss | Preamp Factor | Emission Level | Limits | Margin | Remark |
|---|---------|-------------|------------|---------------|-----------------------|-----------------------|--------|----------------|
| | (MHz) | (dB) | (dB) | (dB) | (dB _{UV} /m) | (dB _{UV} /m) | (dB) | |
| 1 | 2467.80 | 28.62 | 5.18 | 92.73 | 34.49 | 92.04 | 54.00 | -38.04 Average |
| 2 | 2483.50 | 28.66 | 5.18 | 50.73 | 34.49 | 50.08 | 54.00 | 3.92 Average |

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



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Data: 16 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber
Dis. / Ant. : 3m 3115-62960-150630
Limit : FCC PART 15 C AV
Env. / Ins. : 21.8*C&48%N9030A
EUT : TI-nspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11g CH11 2462MHz
Memo :

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

| | Freq. | Ant. Factor | Cable Loss | Preamp Factor | Emission Level | Limits | Margin | Remark |
|---|---------|-------------|------------|---------------|-----------------------|-----------------------|--------|----------------|
| | (MHz) | (dB) | (dB) | (dB) | (dB _{UV} /m) | (dB _{UV} /m) | (dB) | |
| 1 | 2458.53 | 28.62 | 5.15 | 98.34 | 34.50 | 97.61 | 54.00 | -43.61 Average |
| 2 | 2483.50 | 28.66 | 5.18 | 52.61 | 34.49 | 51.96 | 54.00 | 2.04 Average |

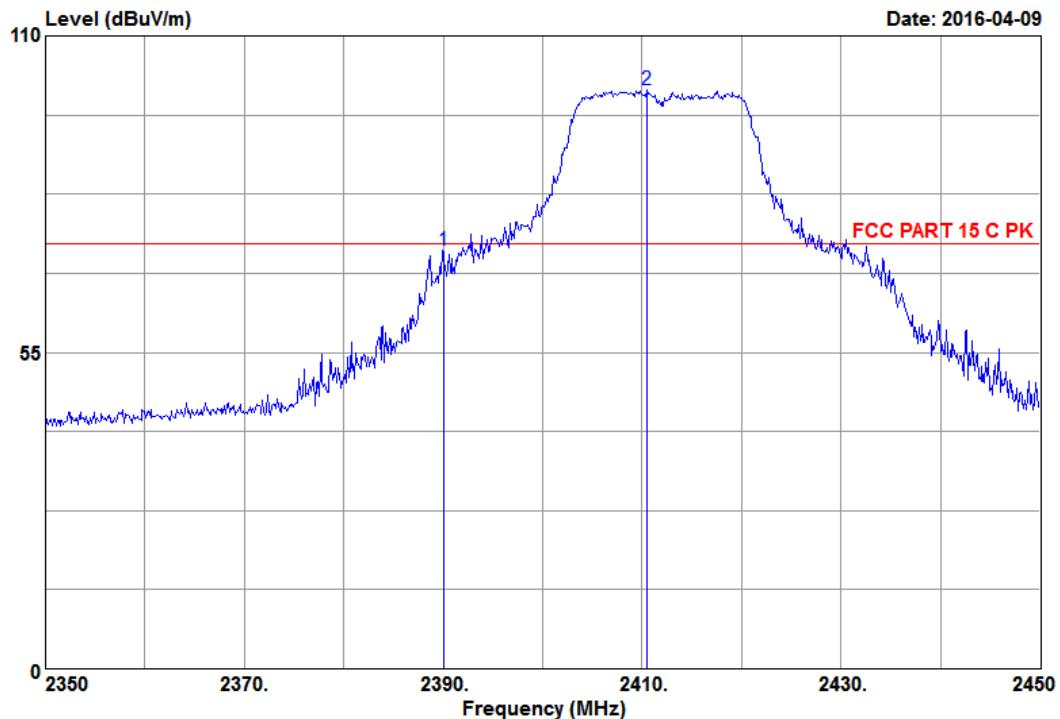
Remarks: 1. Emission Level= Ant.Factor + Cable Loss + Reading - Preamp.Factor.
2. The emission levels that are 20dB below the official limit are not reported.

4.8.3. IEEE 802.11n HT20



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



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

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

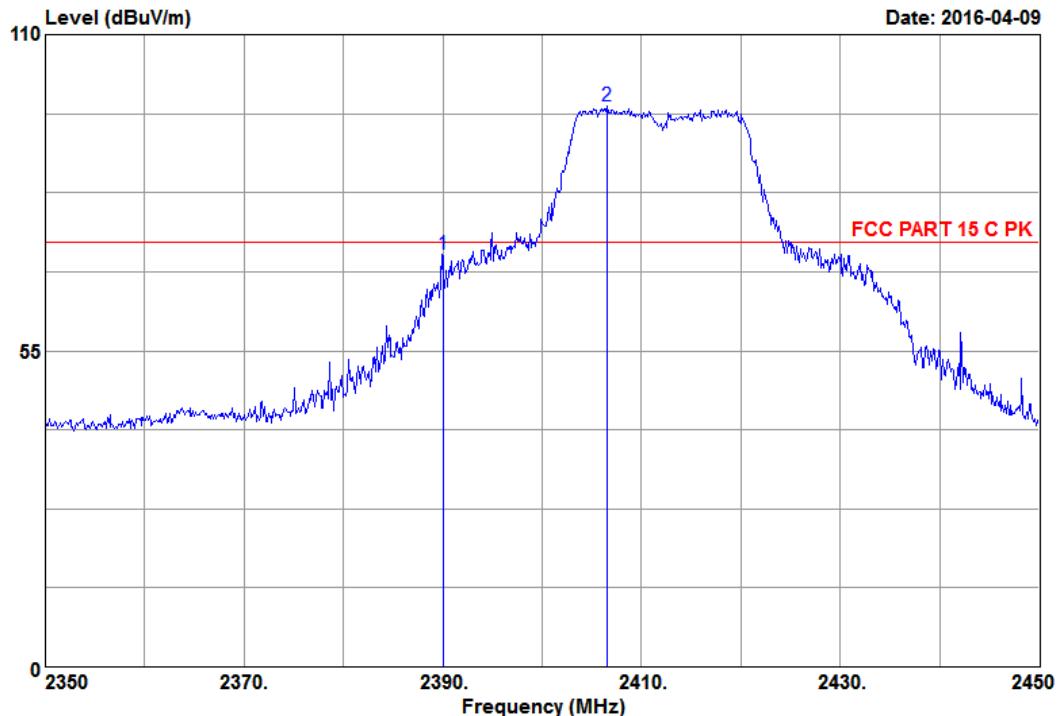
| Freq. (MHz) | Ant. (dB) | Cable Loss (dB) | Reading (dB _{UV}) | Preamp Factor (dB) | Emission Level (dB _{UV/m}) | Limits (dB _{UV/m}) | Margin (dB) | Remark |
|----------------|--------------|-----------------------|--------------------------------|--------------------------|--|---------------------------------|----------------|--------|
| 1 2390.00 | 28.45 | 5.09 | 73.73 | 34.50 | 72.77 | 74.00 | 1.23 | Peak |
| 2 2410.48 | 28.49 | 5.09 | 101.57 | 34.50 | 100.65 | 74.00 | -26.65 | Peak |

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



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Data: 18 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber
Dis. / Ant. : 3m 3115-62960-150630
Limit : FCC PART 15 C PK
Env. / Ins. : 21.8*C&48%/N9030A
EUT : TI-nspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11nHT20 CH1 2412MHz
Memo :

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

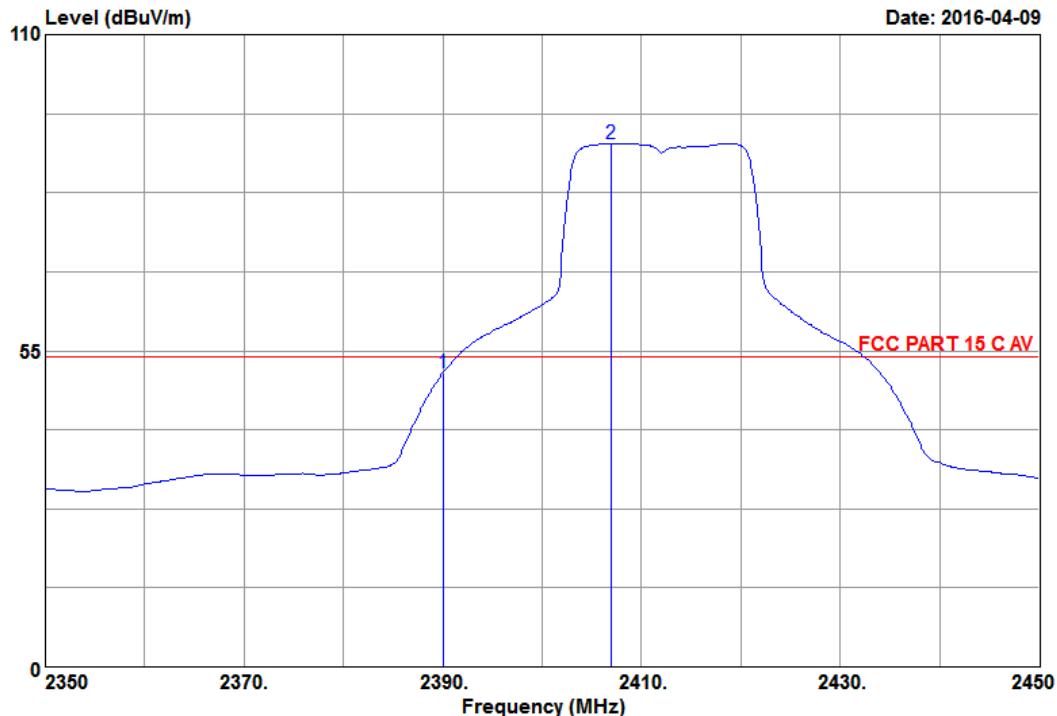
| | Freq. | Ant. | Cable | Preamp | Emission | | | | |
|---|---------|-------|-------|---------|----------|----------|----------|--------|--------|
| | (MHz) | (dB) | Loss | Reading | Factor | Level | Limits | Margin | Remark |
| | | | (dB) | (dBuV) | (dB) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 2390.00 | 28.45 | 5.09 | 72.74 | 34.50 | 71.78 | 74.00 | 2.22 | Peak |
| 2 | 2406.52 | 28.49 | 5.09 | 98.61 | 34.50 | 97.69 | 74.00 | -23.69 | Peak |

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



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Data: 19 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber
Dis. / Ant. : 3m 3115-62960-150630
Limit : FCC PART 15 C AV
Env. / Ins. : 21.8*C&48%/N9030A
EUT : TI-nspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11nHT20 CH1 2412MHz
Memo :

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

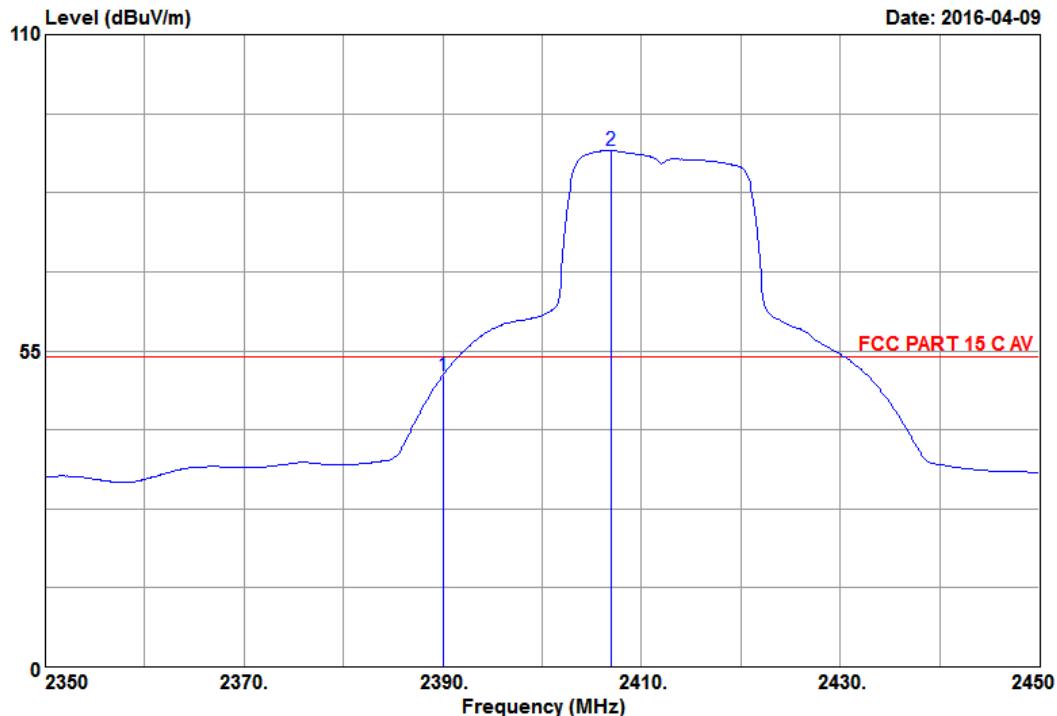
| | Freq. | Ant. Factor | Cable Loss | Preamp Factor | Emission Level | Limits | Margin | Remark |
|---|---------|-------------|------------|---------------|----------------|----------|--------|----------------|
| | (MHz) | (dB) | (dB) | (dB) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 2390.00 | 28.45 | 5.09 | 52.02 | 34.50 | 51.06 | 54.00 | 2.94 Average |
| 2 | 2407.00 | 28.49 | 5.09 | 92.02 | 34.50 | 91.10 | 54.00 | -37.10 Average |

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



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Data: 20 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber
Dis. / Ant. : 3m 3115-62960-150630
Limit : FCC PART 15 C AV
Env. / Ins. : 21.8*C&48%/N9030A
EUT : TI-nspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11nHT20 CH1 2412MHz
Memo :

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

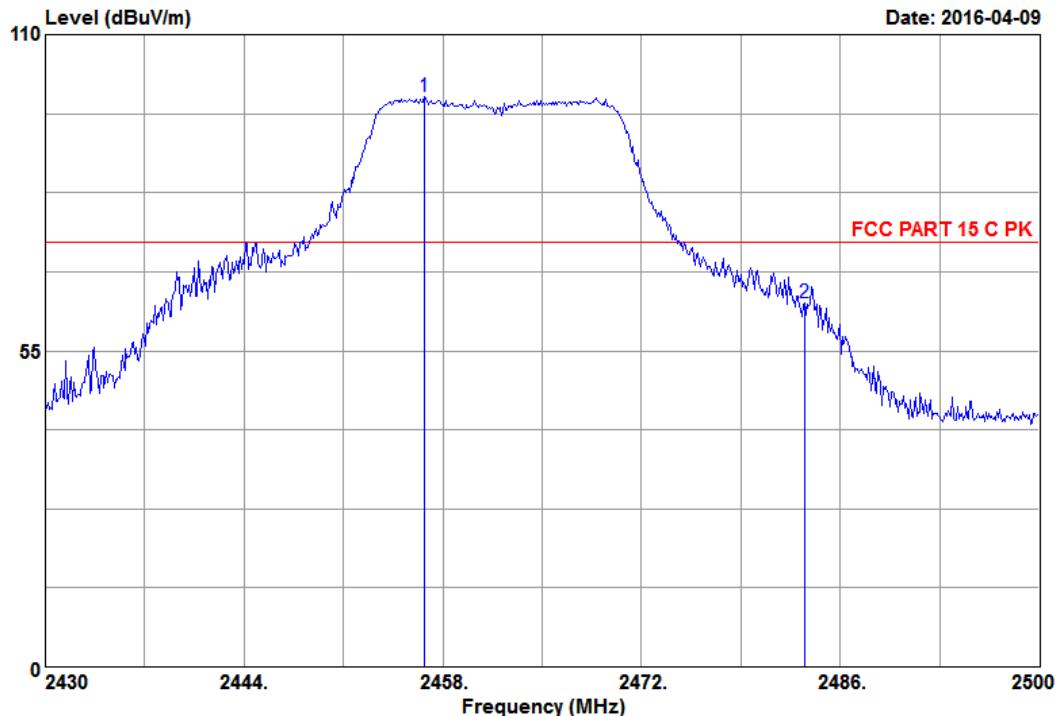
| | Freq. | Ant. Factor | Cable Loss | Preamp Factor | Emission Level | Limits | Margin | Remark |
|---|---------|-------------|------------|---------------|----------------|----------|--------|----------------|
| | (MHz) | (dB) | (dB) | (dB) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 2390.00 | 28.45 | 5.09 | 51.60 | 34.50 | 50.64 | 54.00 | 3.36 Average |
| 2 | 2406.88 | 28.49 | 5.09 | 90.76 | 34.50 | 89.84 | 54.00 | -35.84 Average |

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



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Data: 21 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



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 CH11 2462MHz
Memo :

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

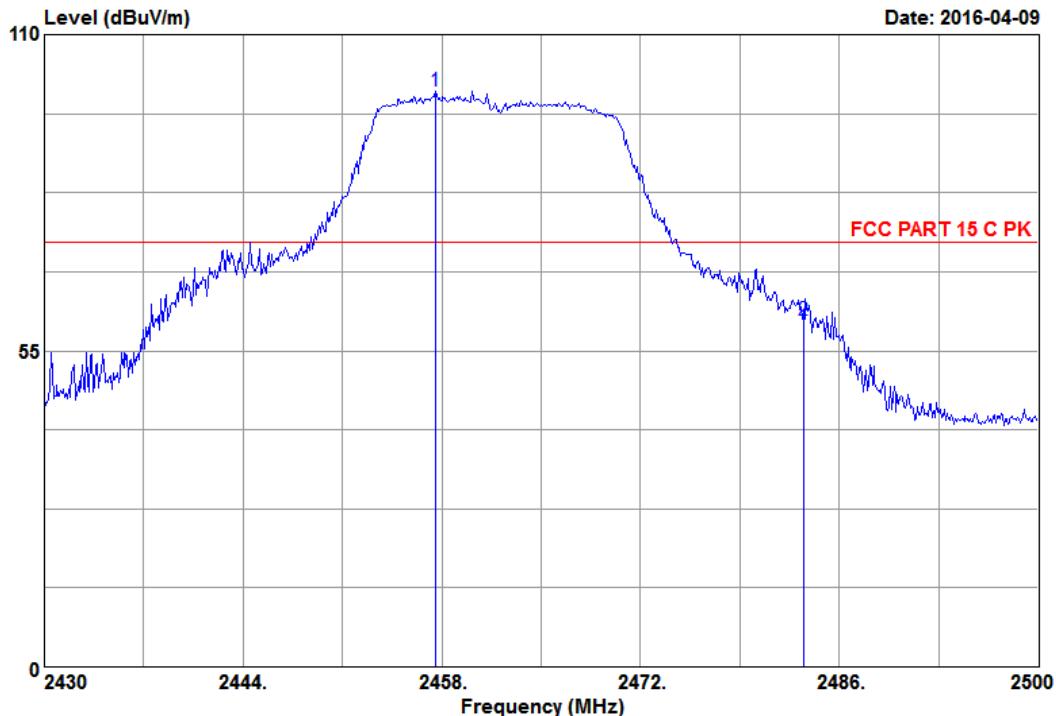
| | Ant. | Cable | Preamp | Emission | | | | |
|-------|---------|-------|---------|----------|----------|----------|--------|-------------|
| Freq. | Factor | Loss | Reading | Factor | Level | Limits | Margin | Remark |
| (MHz) | (dB) | (dB) | (dBuV) | (dB) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 2456.73 | 28.62 | 5.15 | 99.90 | 34.50 | 99.17 | 74.00 | -25.17 Peak |
| 2 | 2483.50 | 28.66 | 5.18 | 63.96 | 34.49 | 63.31 | 74.00 | 10.69 Peak |

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



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Data: 22 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



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 CH11 2462MHz
Memo :

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

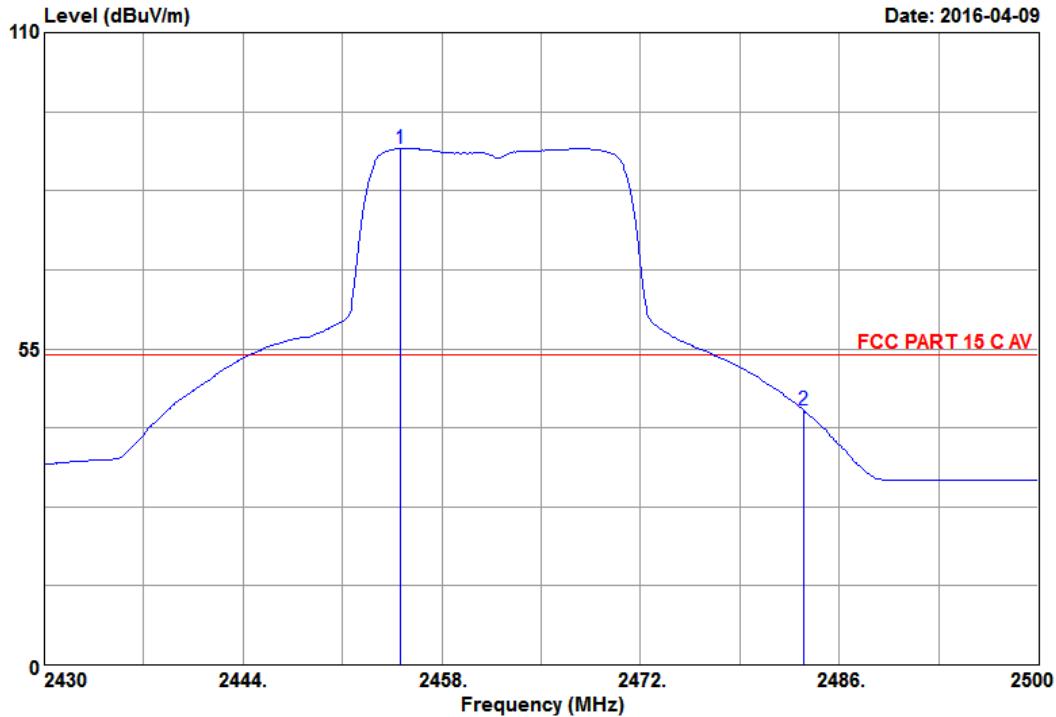
| | Ant. | Cable | Preamp | Emission | | | | |
|-------|---------|-------|---------|----------|----------|----------|--------|-------------|
| Freq. | Factor | Loss | Reading | Factor | Level | Limits | Margin | Remark |
| (MHz) | (dB) | (dB) | (dBuV) | (dB) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 2457.54 | 28.62 | 5.15 | 100.99 | 34.50 | 100.26 | 74.00 | -26.26 Peak |
| 2 | 2483.50 | 28.66 | 5.18 | 60.85 | 34.49 | 60.20 | 74.00 | 13.80 Peak |

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



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Data: 23 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber
Dis. / Ant. : 3m 3115-62960-150630
Limit : FCC PART 15 C AV
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 CH11 2462MHz
Memo :

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

| | Ant. | Cable | Preamp | Emission | | | | |
|-------|---------|-------|---------|----------|----------|----------|--------|----------------|
| Freq. | Factor | Loss | Reading | Factor | Level | Limits | Margin | Remark |
| (MHz) | (dB) | (dB) | (dBuV) | (dB) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 2455.11 | 28.62 | 5.15 | 90.57 | 34.50 | 89.84 | 54.00 | -35.84 Average |
| 2 | 2483.50 | 28.66 | 5.18 | 44.99 | 34.49 | 44.34 | 54.00 | 9.66 Average |

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



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Data: 24 File: G:\Test Data\2013\Reports\04\G1304009R2.EM6 (166)



Site NO. : 3m Semi-Anechoic Chamber
Dis. / Ant. : 3m 3115-62960-150630
Limit : FCC PART 15 C AV
Env. / Ins. : 21.8*C&48%/N9030A
EUT : TI-nspire CX navigator access point
M/N : TINAVAP3-2
Power Rating: DC 5V
Test Mode : TX 802.11nHT20 CH11 2462MHz
Memo :

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

| Freq. | Ant. | Cable | Preamp | Emission | | | |
|-------|---------|-------|---------|----------|----------|----------|----------------------|
| (MHz) | Factor | Loss | Reading | Factor | Level | Limits | Margin |
| | (dB) | (dB) | (dBuV) | (dB) | (dBuV/m) | (dBuV/m) | (dB) |
| 1 | 2458.89 | 28.62 | 5.15 | 90.84 | 34.50 | 90.11 | 54.00 -36.11 Average |
| 2 | 2483.50 | 28.66 | 5.18 | 43.16 | 34.49 | 42.51 | 54.00 11.49 Average |

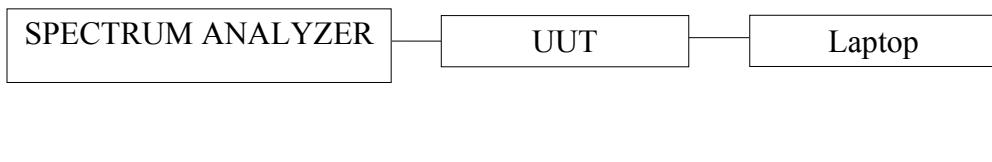
Remarks: 1. Emission Level= Ant.Factor + Cable Loss + Reading - Preamp.Factor.
2. The emission levels that are 20dB below the official limit are not reported.

5. 6 dB BANDWIDTH MEASUREMENT

5.1. Test Equipment

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

5.2. Block Diagram of Test Setup



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

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

5.4. Test Results

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

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

5.4.1. 802.11b

CH 1



CH 6

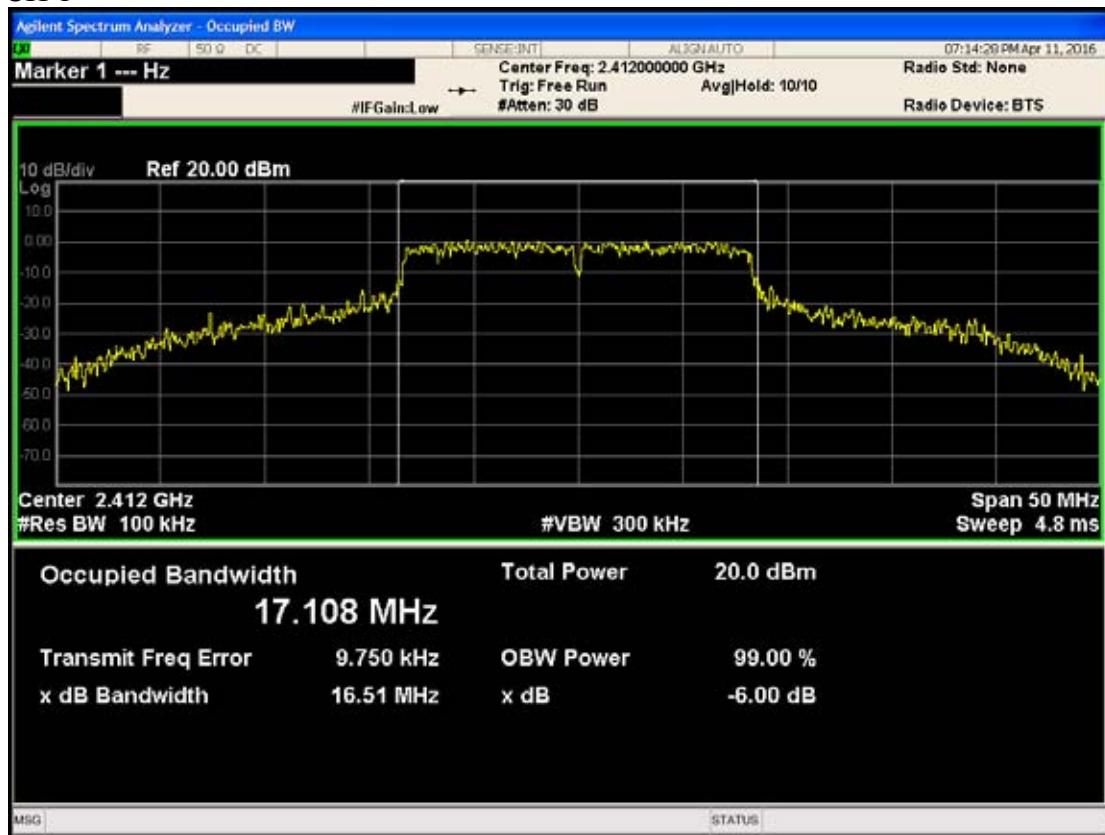


CH 11



5.4.2. 802.11g

CH 1



CH 6

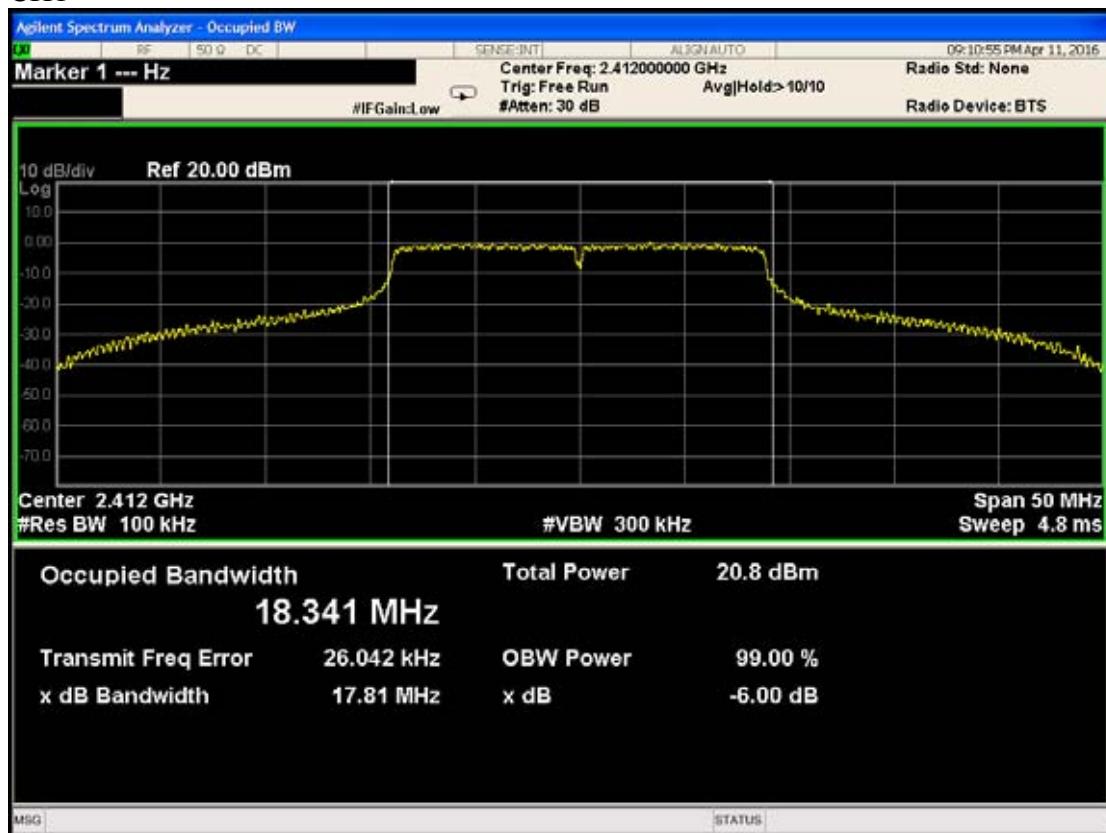


CH 11

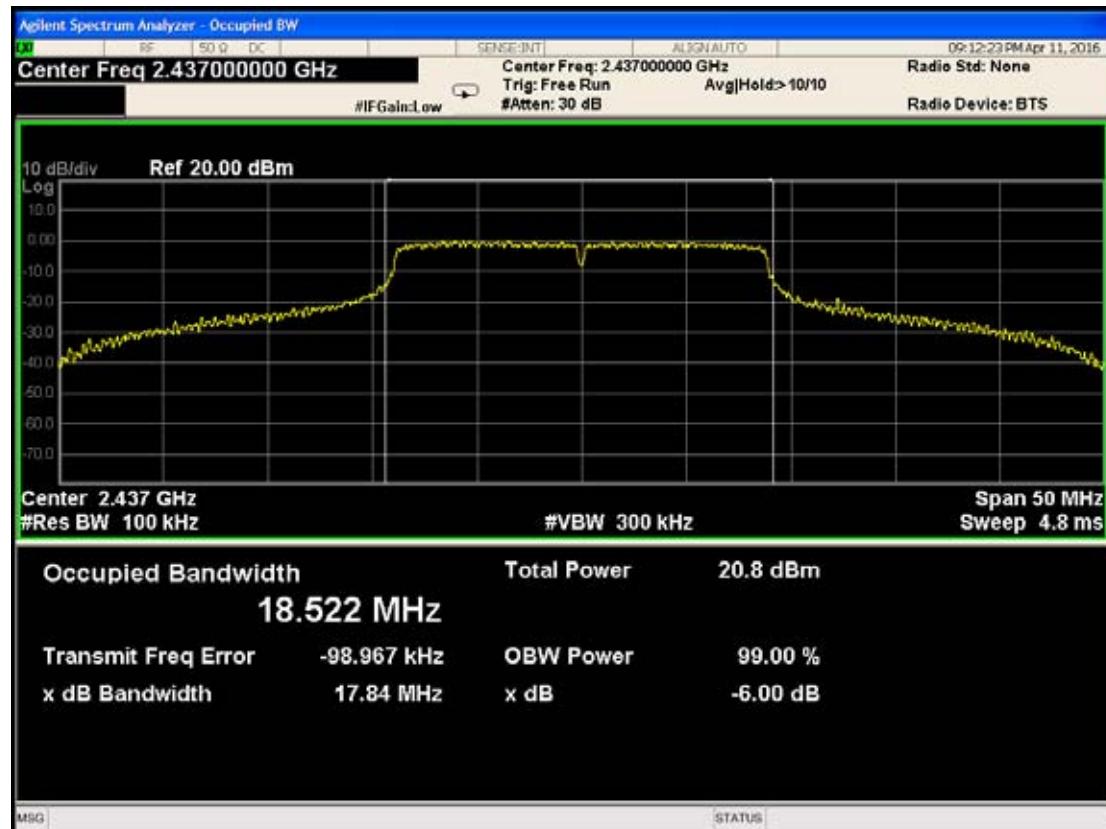


5.4.3. 802.11n HT20

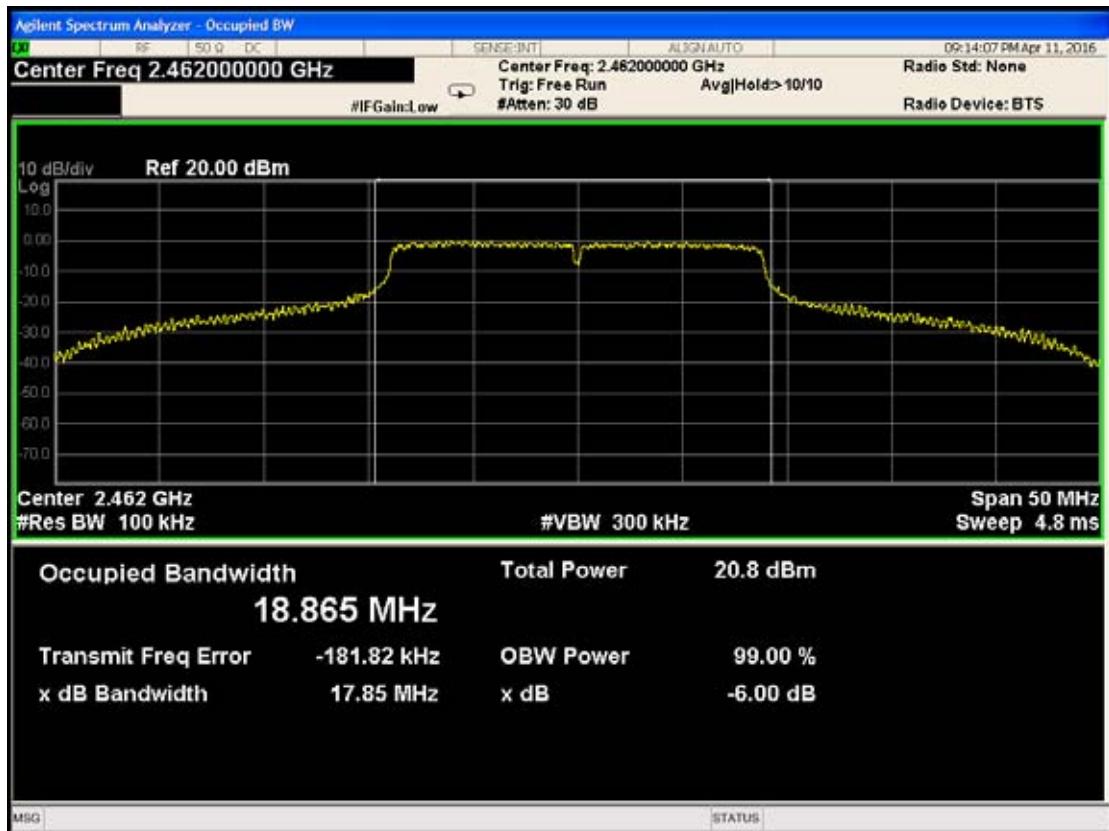
CH1



CH 6



CH 11

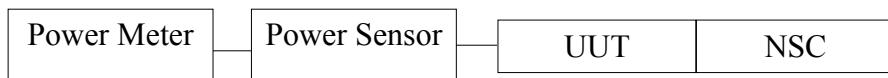


6. OUTPUT POWER MEASUREMENT

6.1. Test Equipment

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

6.2. Block Diagram of Test Setup



— : SIGNAL LINE

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

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

6.4. Test Results

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

Test Mode: 802.11b

| Test Condition | Peak Power (dBm) | | |
|----------------|------------------|-------|-------|
| Rate/ Channel | CH1 | CH6 | CH11 |
| 1Mbps | 16.03 | 15.12 | 14.63 |
| 2 Mbps | 15.51 | 14.77 | 14.62 |
| 5.5 Mbps | 15.31 | 14.32 | 14.09 |
| 11 Mbps | 15.11 | 14.78 | 14.91 |

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

Test Mode: 802.11g

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

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

Test Mode: 802.11n HT20

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

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

7. POWER SPECTRAL DENSITY MEASUREMENT

7.1. Test Equipment

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

7.2. Block Diagram of Test Setup

The same as section 5.2.

7.3. Specification Limits (§15.247(e))

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

7.4. Test Results

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

Test Date: Apr.11, 2016

Temperature: 19.1 °C

Humidity: 58 %

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

7.4.1. 802.11b

CH 1



CH 6



CH 11



7.4.2. 802.11g

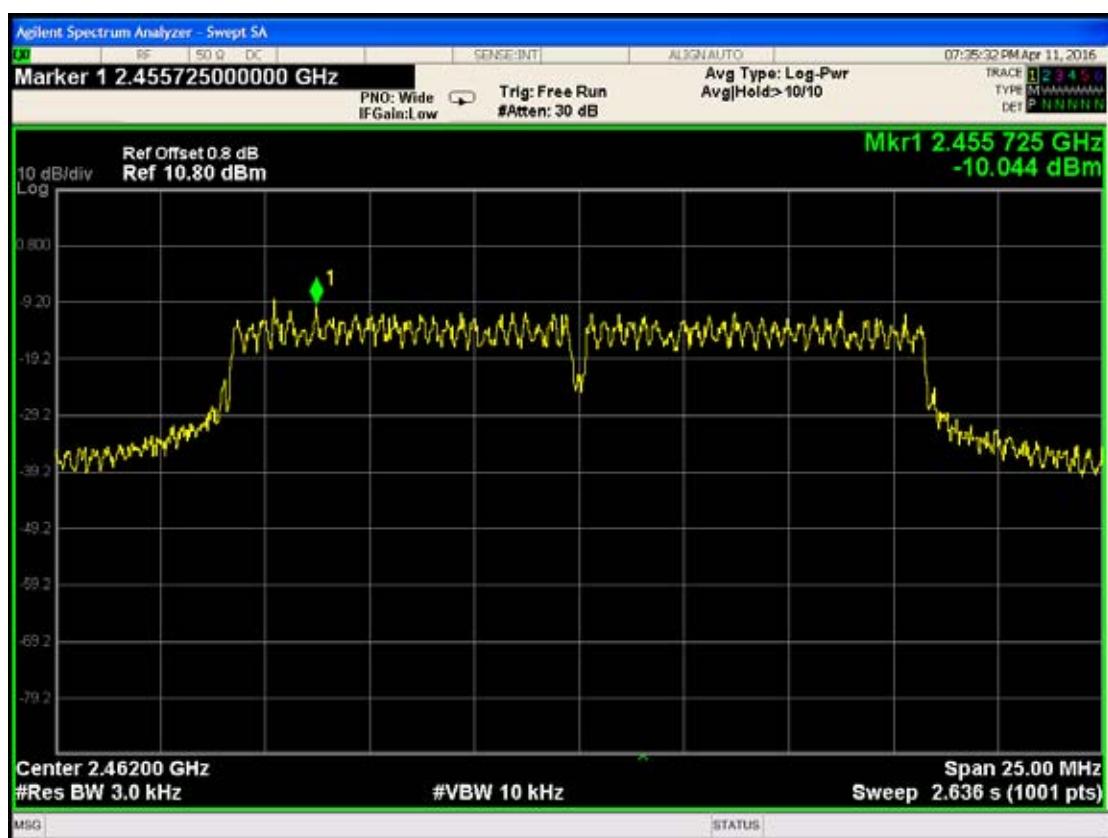
CH 1



CH 6



CH 11

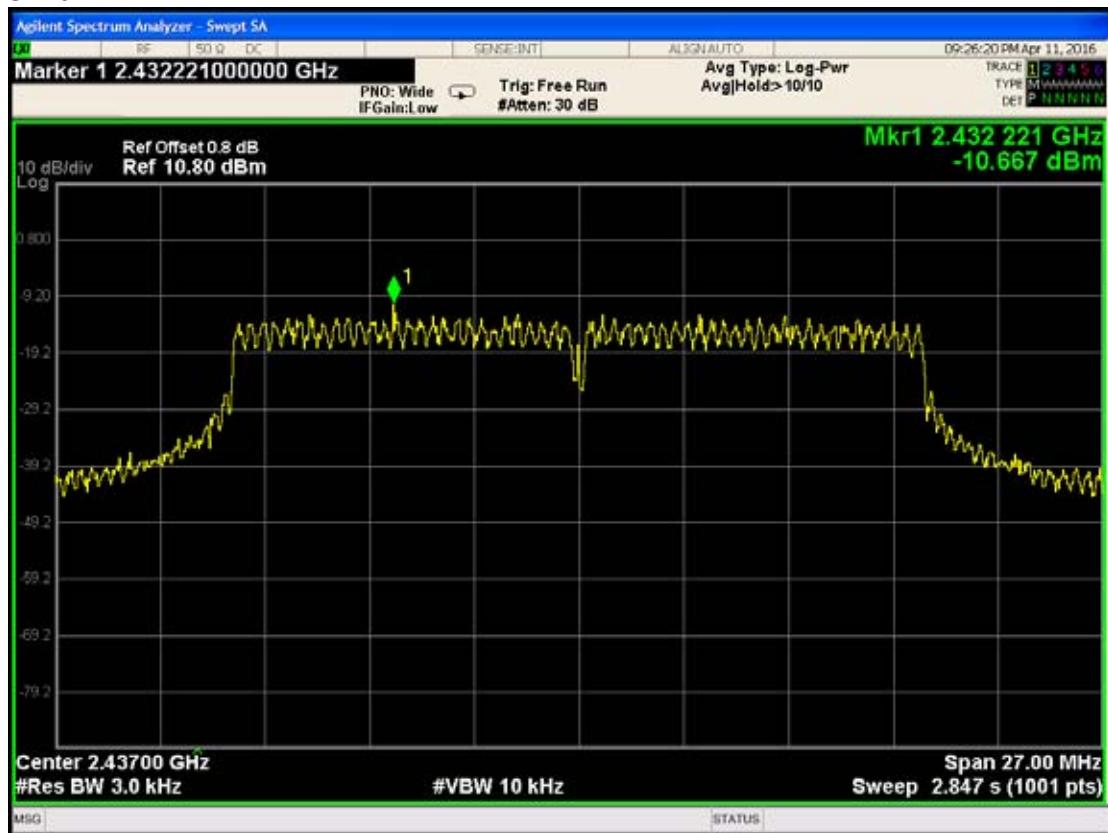


7.4.3. 802.11n HT20

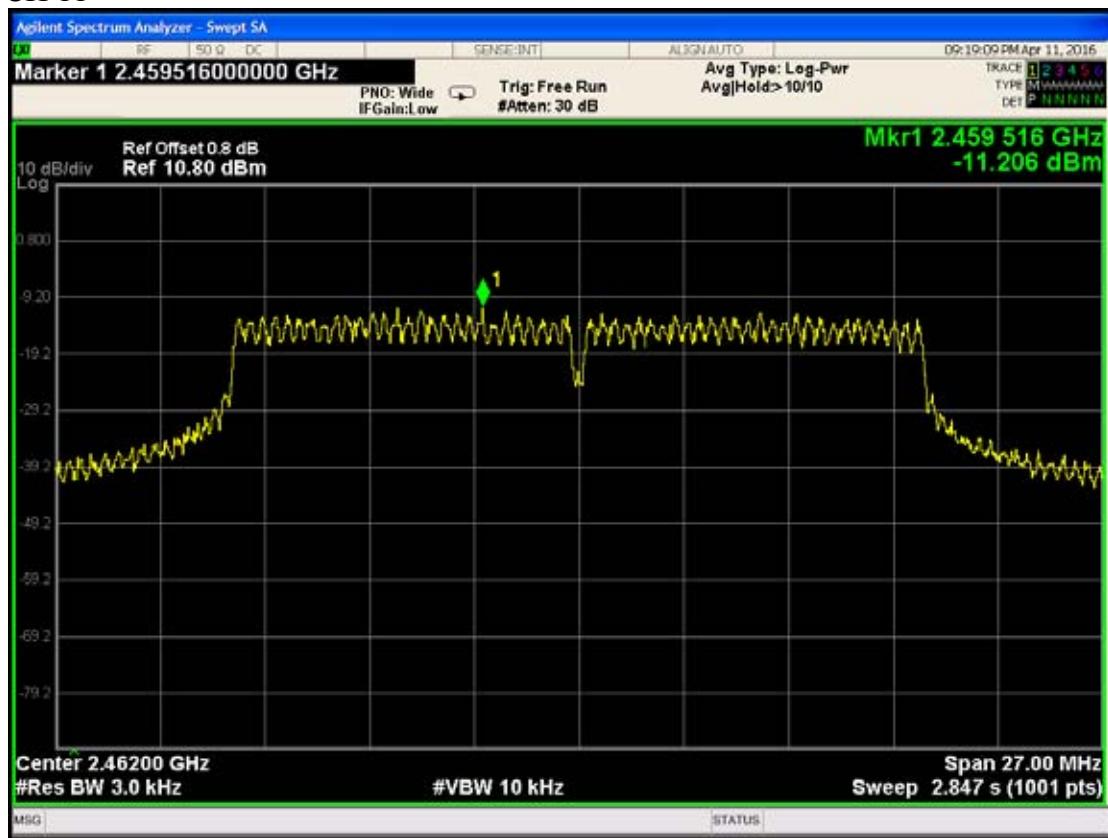
CH 1



CH 6



CH 11



8. EMISSION LIMITATIONS MEASUREMENT

8.1. Test Equipment

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

8.2. Block Diagram of Test Setup

The same as section 5.2.

8.3. Specification Limits (§15.247(d))

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

8.4. Test Results

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

| Item | Channel | Frequency(MHz) | Amplitude(dBm) |
|---------|---------|----------------|----------------|
| 802.11b | 1 | 802.99 | -44.481 |
| | | 599.97 | -59.235 |
| | | 2410.50 | 5.450 |
| | | 1607.95 | -49.526 |
| | | 4823.95 | -54.020 |
| | | 3744.80 | -54.366 |
| | | 5134.50 | -55.702 |
| | | 5798.05 | -55.864 |
| | | 8141.85 | -55.693 |
| | | 7300.85 | -55.807 |
| | | 9728.55 | -56.180 |
| | | 10340.95 | -56.635 |
| | | 11382.85 | -56.125 |
| | | 12563.30 | -56.219 |
| | | 13608.30 | -54.683 |
| | | 13694.20 | -54.916 |
| | | 16051.35 | -55.288 |
| | | 15757.05 | -55.598 |
| | | 18975.35 | -54.079 |
| | | 18230.35 | -54.134 |
| | | 19214.70 | -53.450 |
| | | 19825.05 | -53.809 |
| | | 22739.05 | -51.853 |

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

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

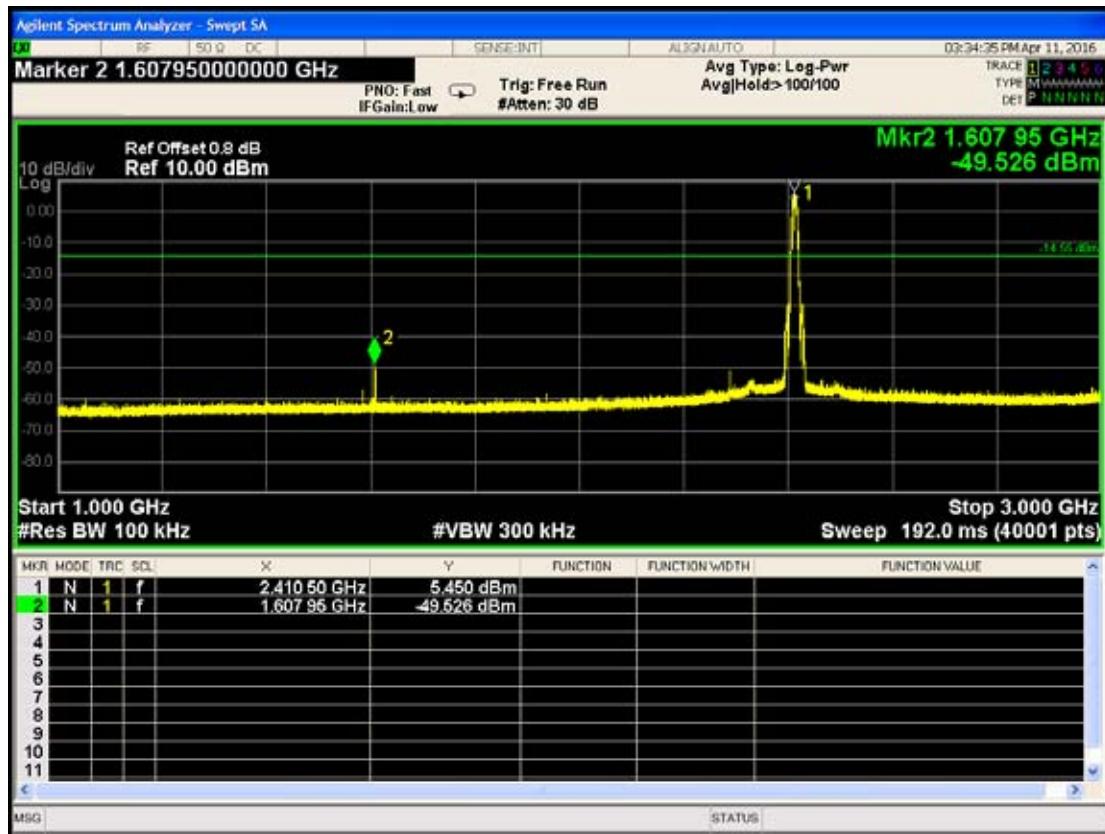
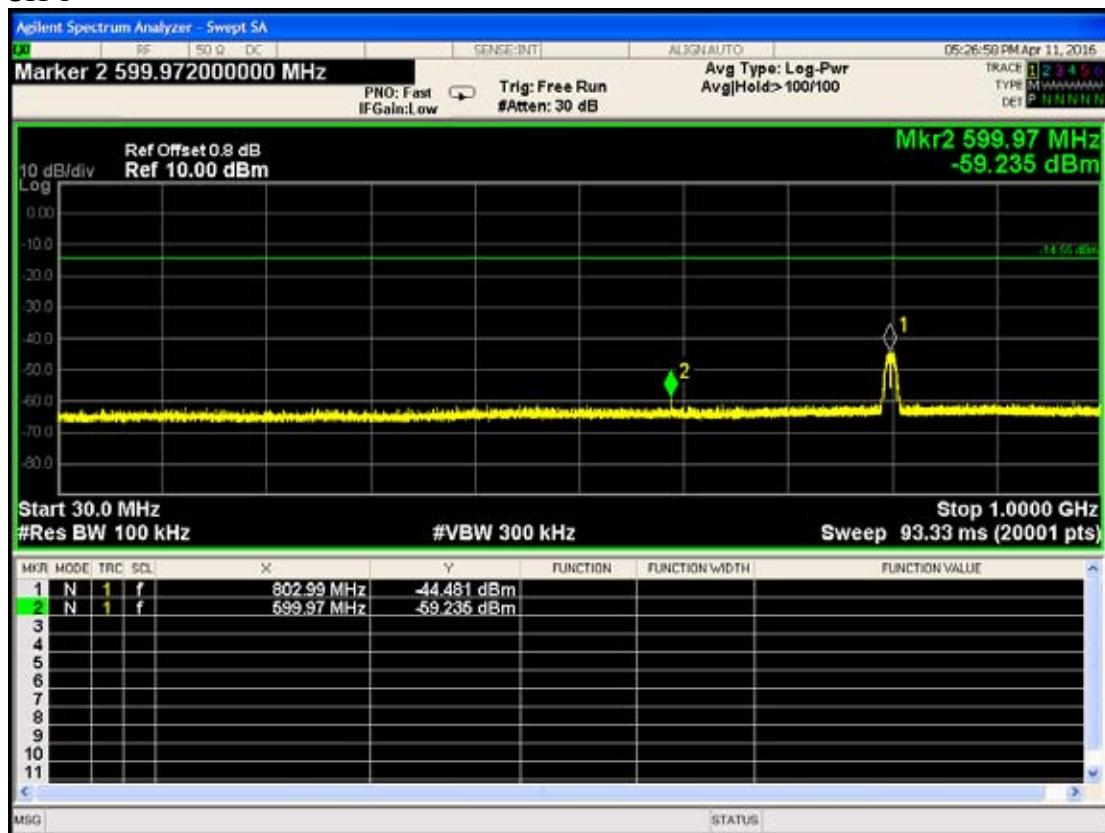
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| | | 20327.25 | -54.204 |
| | | 21940.80 | -52.480 |
| | | 22717.60 | -52.948 |
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| | | 894.12 | -60.450 |
| | | 845.87 | -60.351 |
| | | 815.65 | -49.087 |
| | | 600.02 | -58.540 |
| | | 2456.00 | 0.716 |
| | | 1641.30 | -46.550 |
| | | 3282.65 | -50.852 |
| | | 4609.80 | -55.728 |
| | | 5149.35 | -55.700 |
| | | 5737.60 | -56.033 |
| | | 8991.00 | -55.507 |
| | | 8063.50 | -55.675 |
| | | 10043.55 | -56.390 |
| | | 9524.15 | -56.489 |
| | | 11491.10 | -56.245 |
| | | 11949.85 | -56.259 |
| | | 14455.70 | -55.197 |
| | | 14088.05 | -55.516 |
| | | 15242.05 | -54.720 |
| | | 15853.90 | -55.565 |
| | | 18999.35 | -53.659 |
| | | 18405.50 | -53.990 |
| | | 19212.00 | -53.320 |
| | | 20475.45 | -54.174 |
| | | 22002.35 | -52.927 |
| | | 22752.55 | -52.934 |
| | | 23686.90 | -52.304 |
| | | 24898.60 | -52.686 |
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| 802.11n HT20 | 1 | 849.26 | -60.297 |
| | | 364.94 | -63.691 |
| | | 2412.90 | -0.788 |
| | | 1608.00 | -48.342 |
| | | 3215.95 | -53.121 |
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| | | 5934.40 | -57.055 |
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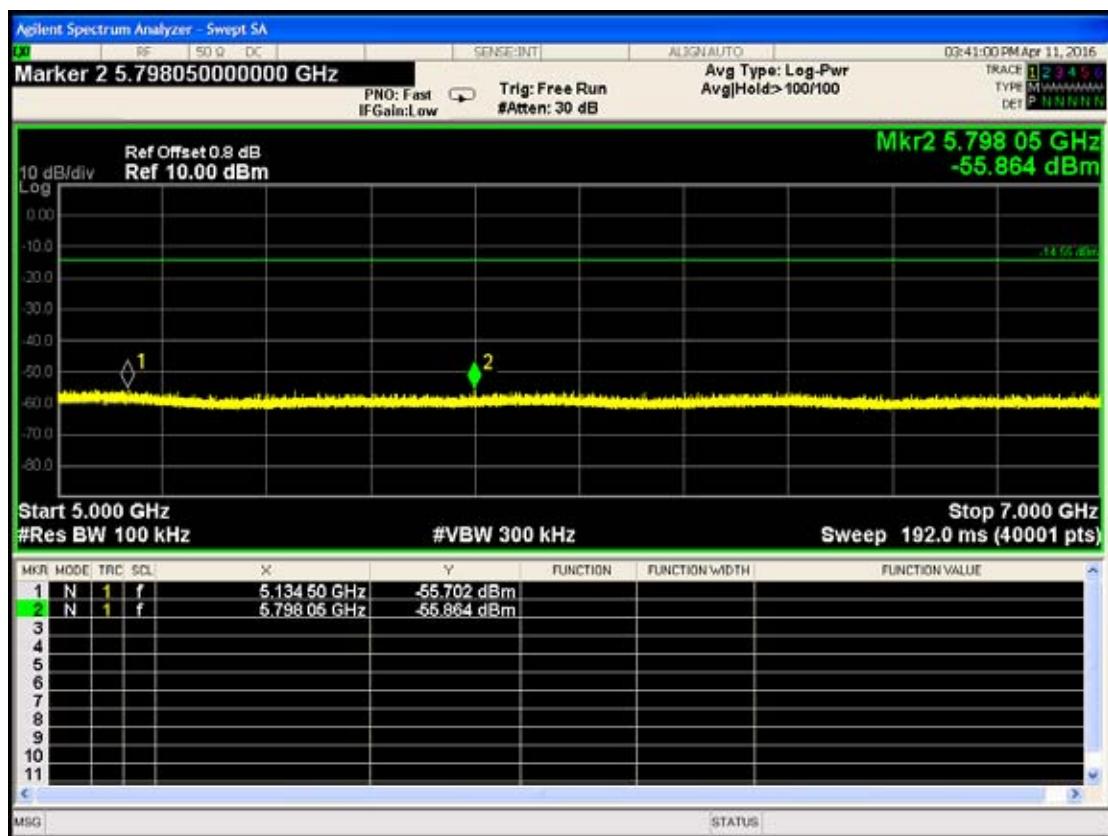
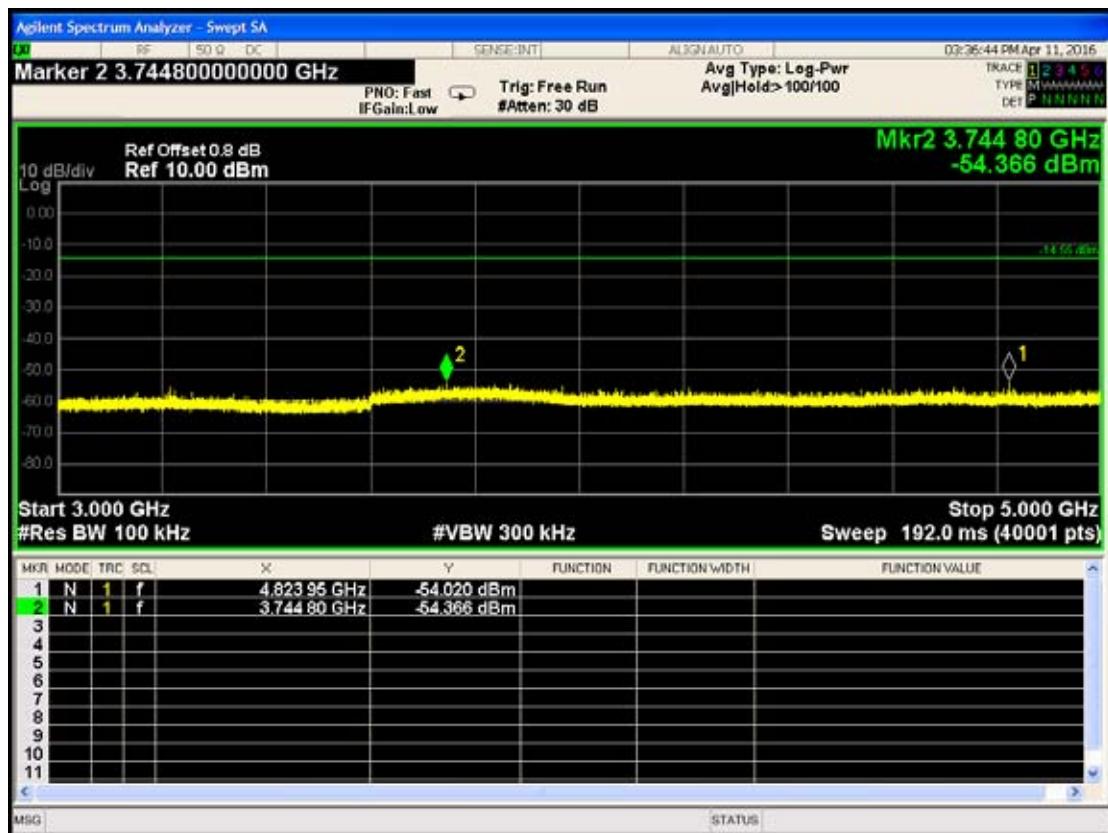
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| | | 15660.50 | -55.778 |
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| | | 18836.65 | -53.561 |
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| | | 23860.80 | -52.494 |
| | | 24236.45 | -52.953 |
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| | | 600.02 | -58.862 |
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| | | 1624.66 | -48.040 |
| | | 3249.30 | -50.563 |
| | | 4266.65 | -55.802 |
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| | | 5860.30 | -56.568 |
| | | 8199.15 | -55.704 |
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| | | 10674.05 | -56.194 |
| | | 9331.20 | -55.851 |
| | | 12663.05 | -55.676 |
| | | 12254.00 | -56.309 |
| | | 13843.10 | -55.117 |
| | | 13175.65 | -56.374 |
| | | 15881.15 | -55.189 |
| | | 15231.55 | -59.407 |
| | | 18952.30 | -53.521 |
| | | 17445.40 | -54.554 |
| | | 19054.90 | -53.357 |
| | | 20612.20 | -54.720 |
| | | 21938.50 | -52.597 |
| | | 22835.30 | -52.648 |
| | | 23527.95 | -52.427 |
| | | 24811.10 | -52.517 |
| | | 871.52 | -60.152 |
| | | 399.96 | -60.094 |
| 802.11n HT20 | 11 | 822.927 | -51.352 |
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| | | 2468.50 | -1.091 |
| | | 1641.35 | -47.707 |
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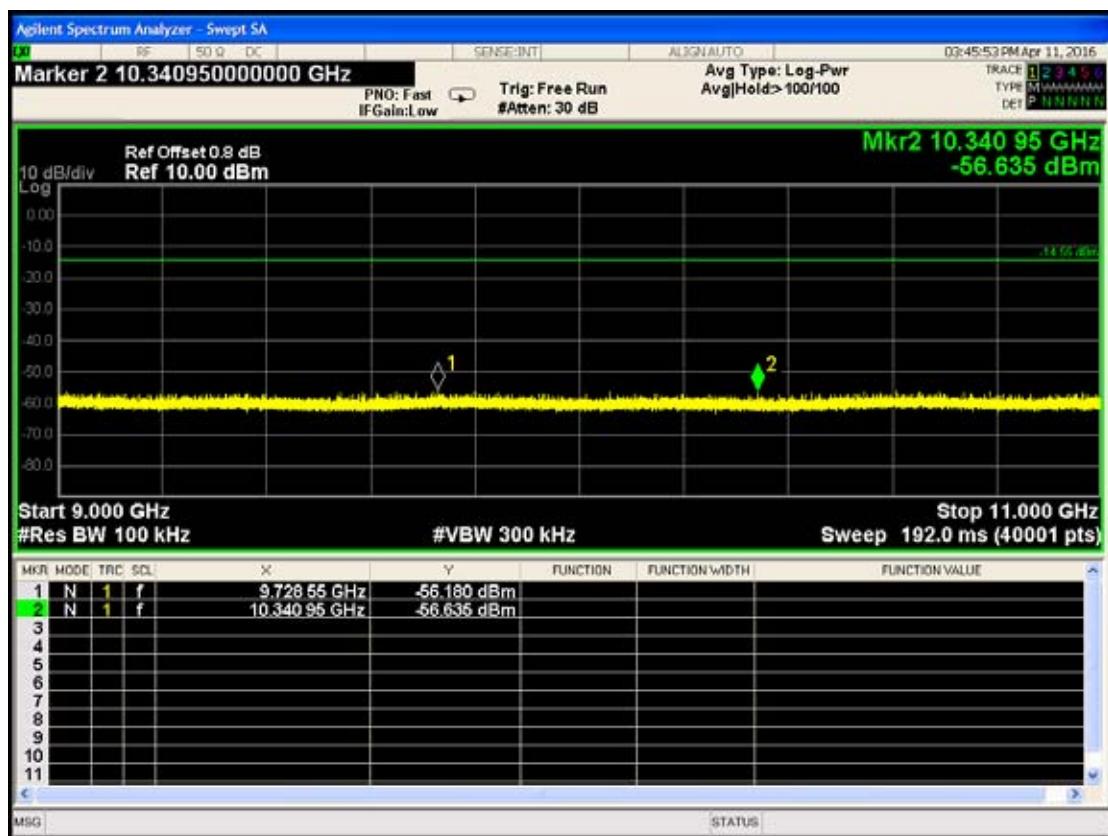
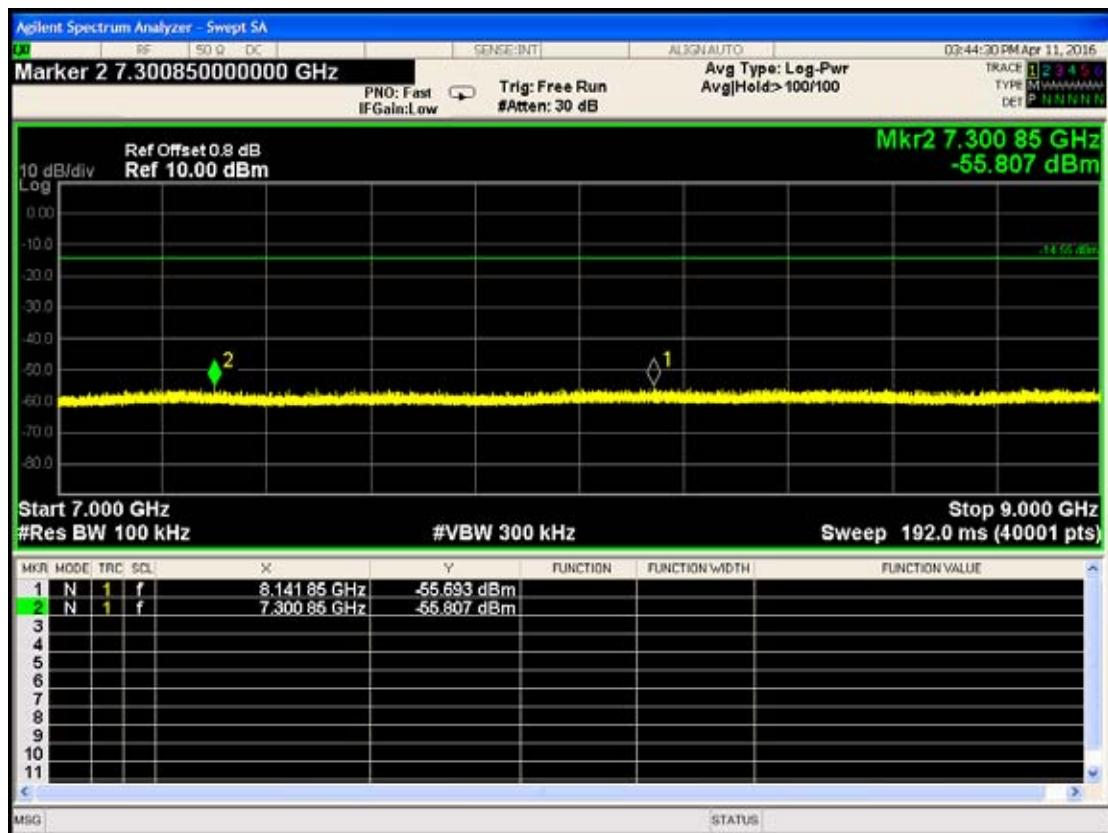
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| | 12281.45 | -56.173 |
| | 13947.20 | -54.516 |
| | 13527.55 | -56.844 |
| | 16501.90 | -55.258 |
| | 15676.60 | -55.591 |
| | 18956.85 | -54.058 |
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| | 20166.00 | -54.602 |
| | 22264.35 | -52.925 |
| | 21337.85 | -53.771 |
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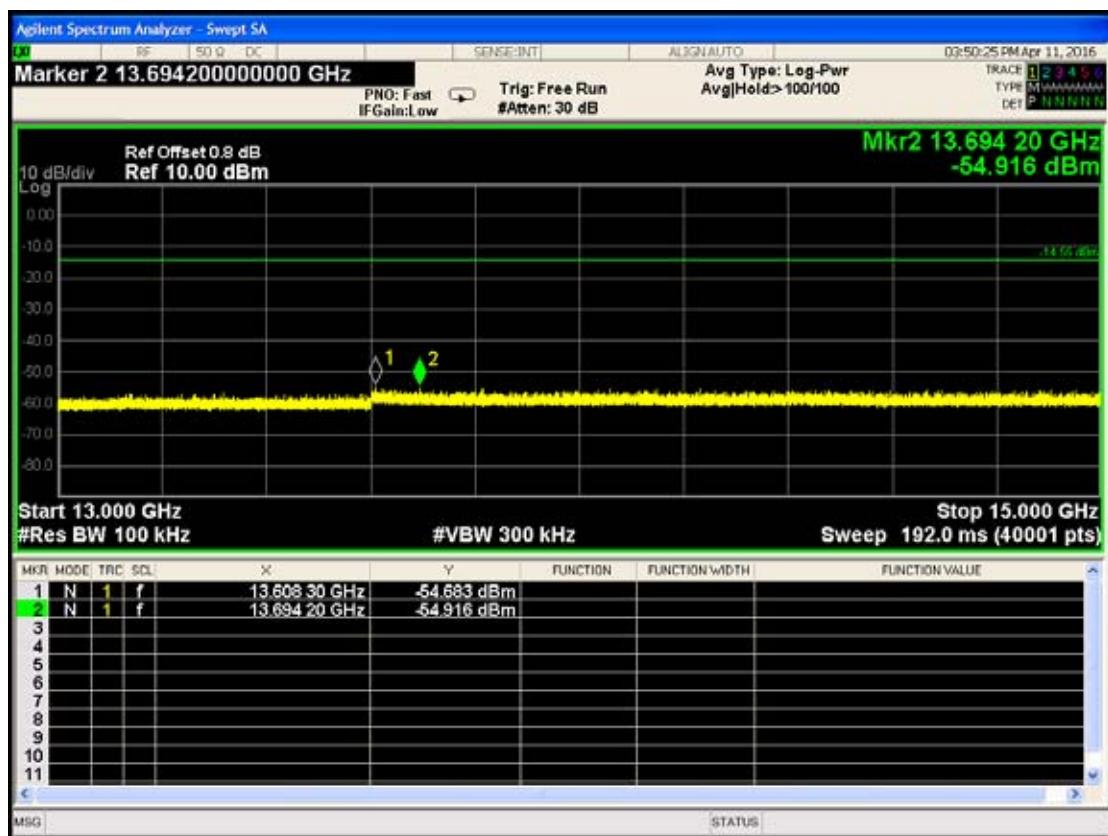
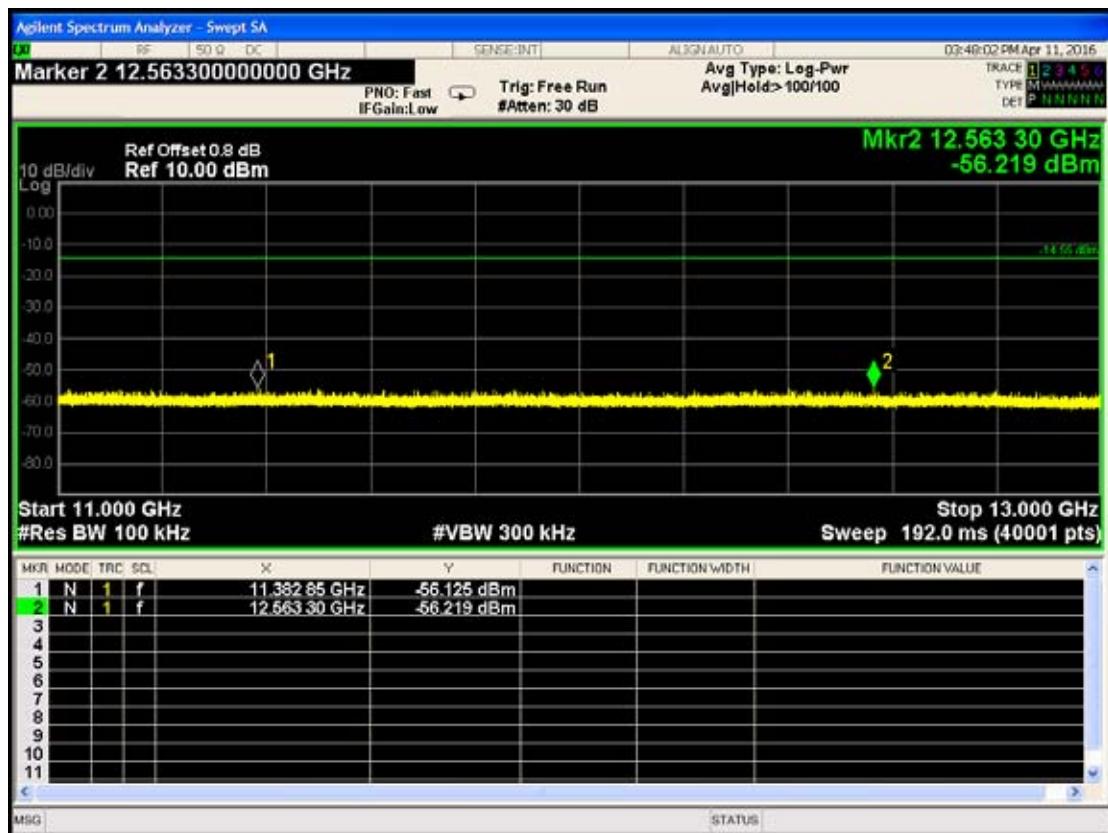
8.4.1. 802.11b

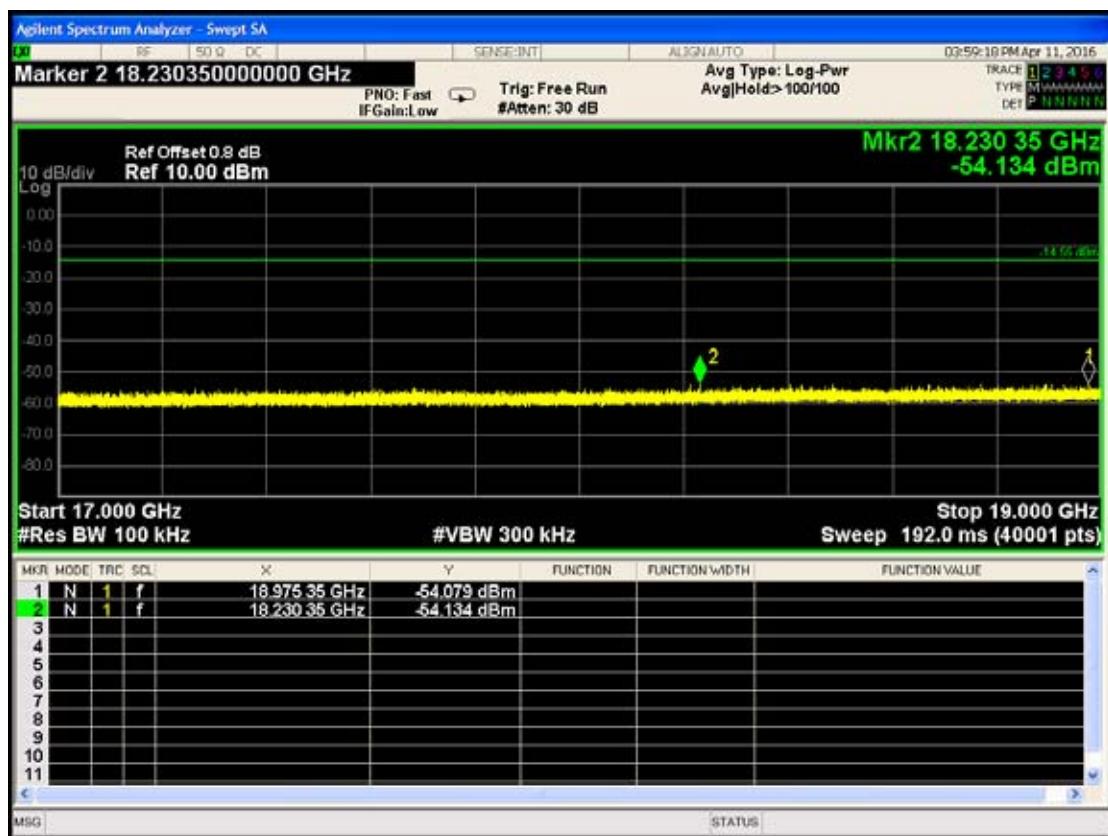
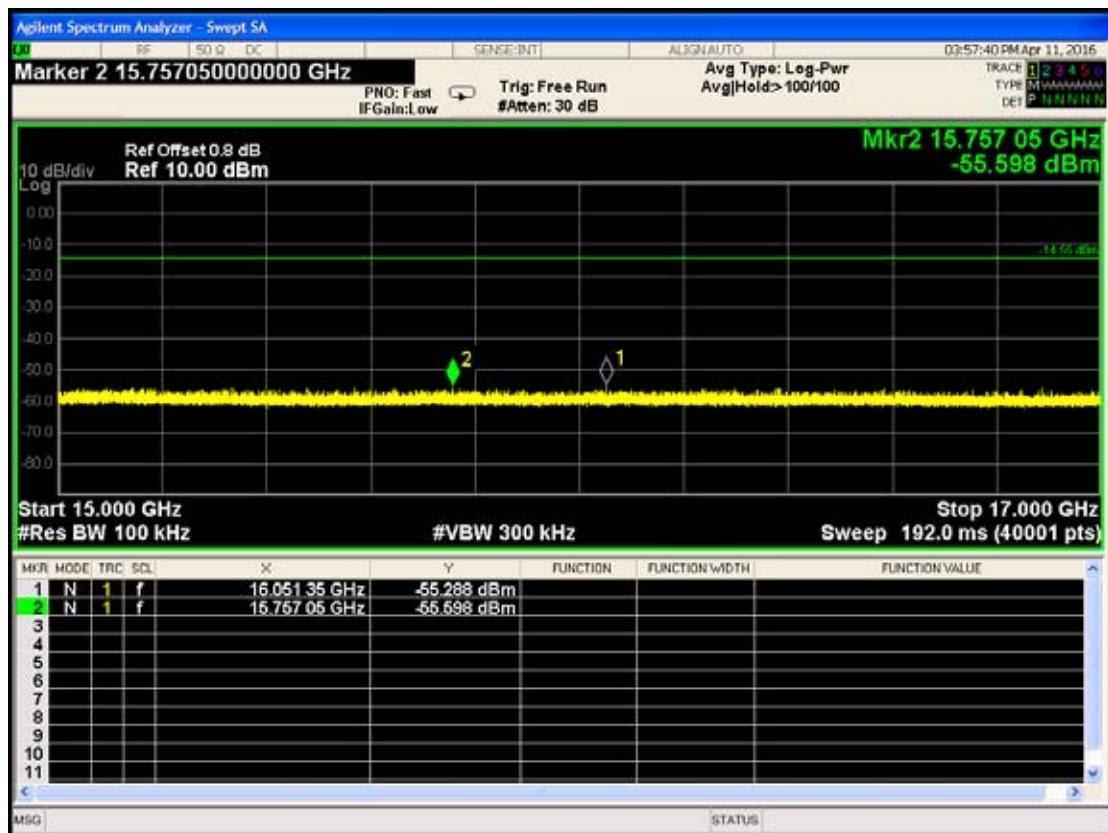
CH 1

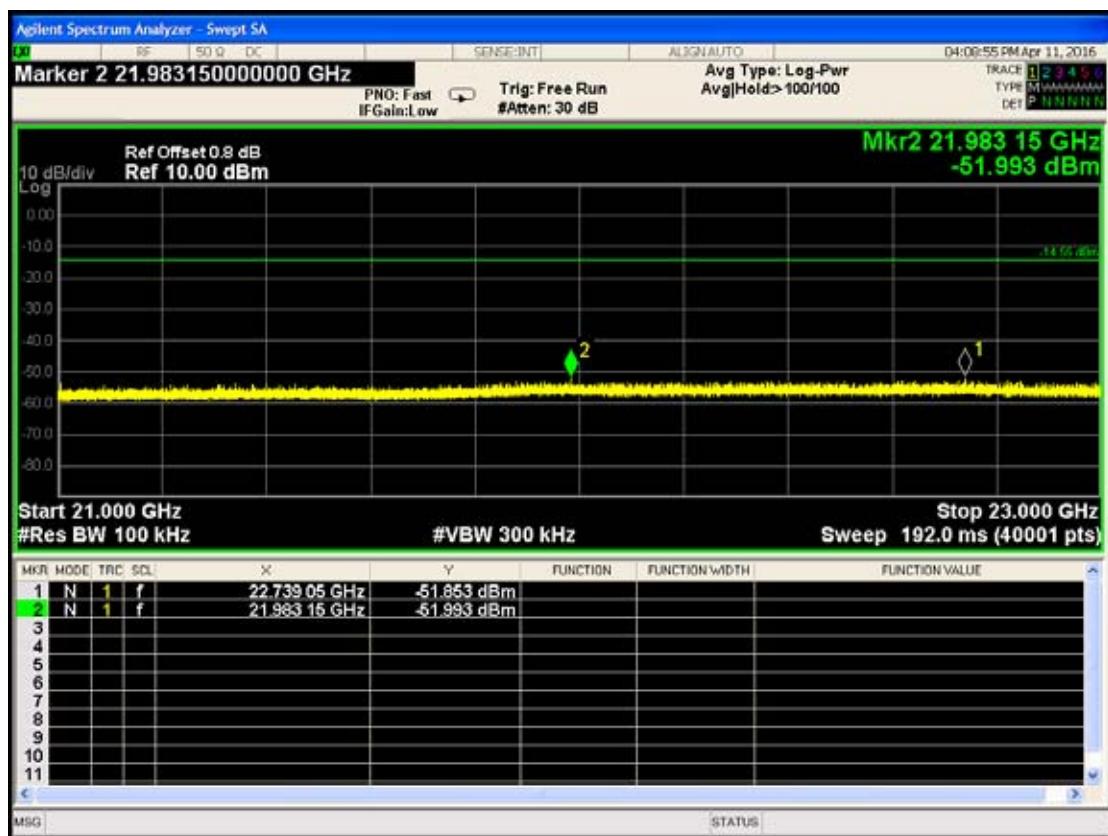
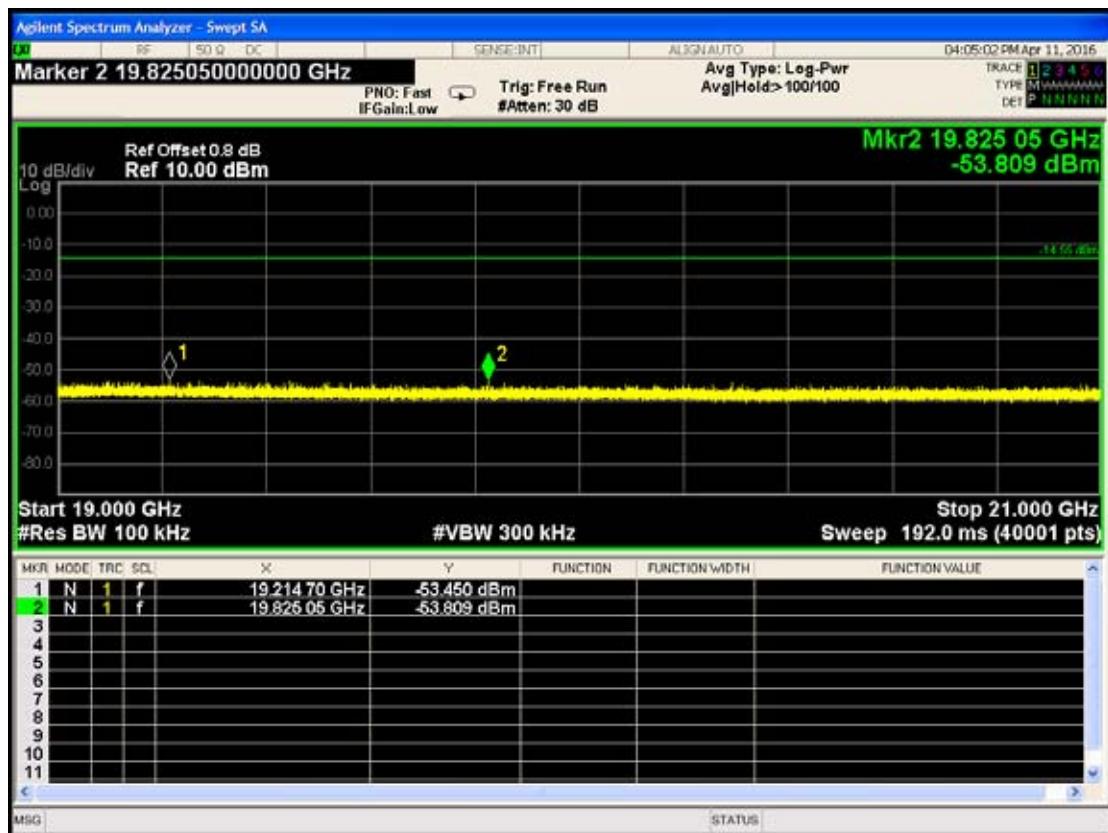


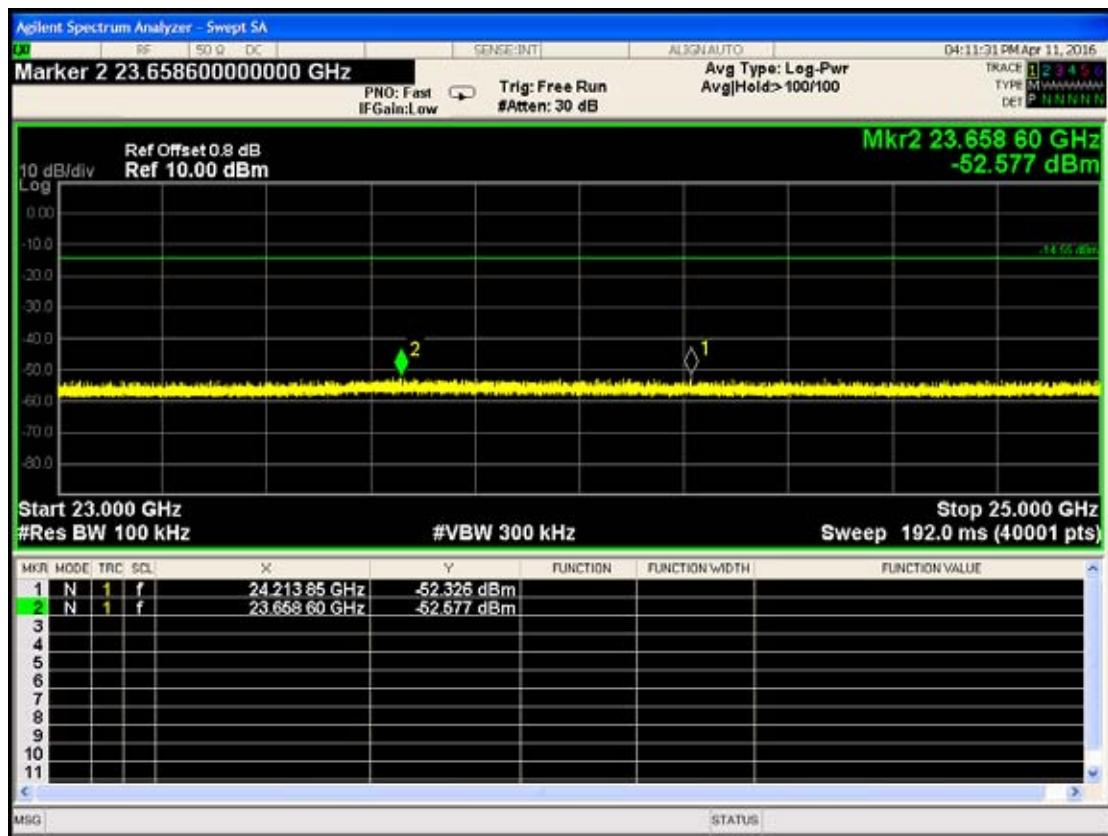












CH 6



