APPLICATION FOR CERTIFICATION

On Behalf of

Cregle Inc.

iPen

Model No.：(1)CP2314 (2)CP2315

FCC ID：ZOBIPEN2RX

Prepared for : Cregle Inc.
4000 Legato Road, Suite 1100 Fairfax,
VA 22033, U.S.A.

Prepared by : AUDIX Technology Corporation
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File Number	：	C1M1405230
Report Number	：	EM-F140375
Date of Test	：	2014. 06. 18
Date of Report	：	2014. 06. 23

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TEST REPORT CERTIFICATION

Applicant	:	Cregle Inc.		
Manufacturer	:	Cregle Inc.		
EUT Description	:	iPen		
FCC ID	:	ZOBIPEN2RX		
		(A) Model No.	:	(1)CP2314 (2)CP2315
		(B) Serial No.	:	N/A
		(C) Power Supply	:	DC 5V
		(D) Test Voltage	:	DC 5V (Via iPed)

Measurement Procedure Used:
FCC RULES AND REGULATIONS PART 15 SUBPART C, October 2013
(FCC CFR 47 Part 15C, §15.207, §15.249, §15.209)
AND ANSI C63.4/2003

The device described above was tested by AUDIX Technology Corporation to determine the maximum emission levels emanating from the device. The maximum emission levels were compared to the FCC Part 15 subpart C limits.

The measurement results are contained in this test report and AUDIX Technology Corporation 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 requirements of FCC standards.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of AUDIX Technology Corporation.

Date of Test : 2014. 06. 18 Date of Report : 2014. 06. 23

Producer : _____
(Tina Huang/Administrator)

Signatory: _____
(Ben Cheng/Manager)

1. DESCRIPTION OF VERSION

Edition No.	Date of Revision	Revision Summary	Report Number
0	2014. 06. 23	Original Report.	EM-F140375

2. GENERAL INFORMATION

2.1. Description of Device (EUT)

Description	:	iPen This EUT is include a docking and a stylus. Both of devices are transceiver the docking device is test in this report, the stylus device is test in other report of EM-F140376.
Model Number	:	(1)CP2314 (2)CP2315 Above two models difference in model name and use device, others are the same. (1)CP2314 for iPad 4 use (2)CP2315 for iPad Air use The CP2314 was tested in this report.
Serial Number	:	N/A
FCC ID	:	ZOBIPEN2RX
Applicant	:	Cregle Inc. 4000 Legato Road, Suite 1100 Fairfax, VA 22033, U.S.A.
Manufacturer	:	Cregle Inc. 4000 Legato Road, Suite 1100 Fairfax, VA 22033, U.S.A.
Modulation	:	GFSK
Frequency Band	:	2402-2480MHz
Frequency Channel	:	79 channels
Antenna	:	-1.18dBi
Date of Receipt of Sample	:	2014. 05. 26
Date of Test	:	2014. 06. 23

2.2. Tested Supporting System Details

2.2.1. iPad

Model Number	:	A1458
Serial Number	:	DMPJKAYQF185
FCC ID	:	BCGA1458
Manufacturer	:	APPLE

2.3. Description of Test Facility

Name of Firm	:	**AUDIX Technology Corporation** **EMC Department** No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan
Test Location & Facility (AC)	:	**Semi-Anechoic Chamber** No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan May 11, 2012 File on Federal Communication Commission Registration Number: 90993
NVLAP Lab. Code	:	200077-0
TAF Accreditation No	:	1724

2.4. Measurement Uncertainty

Test Item	Frequency Range	Uncertainty
Radiation Test (Distance: 3m)	30MHz~300MHz	± 2.91dB
	300MHz~1000MHz	± 2.74dB
	Above 1GHz	± 5.02dB

Remark：Uncertainty = $ku_c(y)$

3. CONDUCTED EMISSION MEASUREMENT

【The EUT only employs DC power for operation, no conductive emission limits are required according to FCC Part 15 Section §15.207】

4. RADIATED EMISSION MEASUREMENT

4.1. Test Equipment

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

4.1.1. For Frequency Range 30MHz~1000MHz (at Semi-Anechoic Chamber)

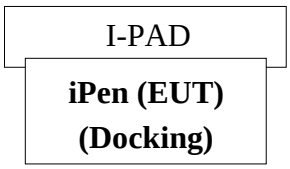
Item	Type	Manufacturer	Model No.	Serial No.	Cal. Due Date
1.	Spectrum Analyzer	Agilent	N9010A-526	MY53400071	2014. 09. 18
2.	Test Receiver	R & S	ESCS30	100338	2014. 06. 30
3.	Amplifier	HP	8447D	2944A06305	2015. 02. 17
4.	Bilog Antenna	TESEQ	CBL6112D	33821	2014. 08. 07

4.1.2. For Frequency Above 1GHz (at Semi-Anechoic Chamber)

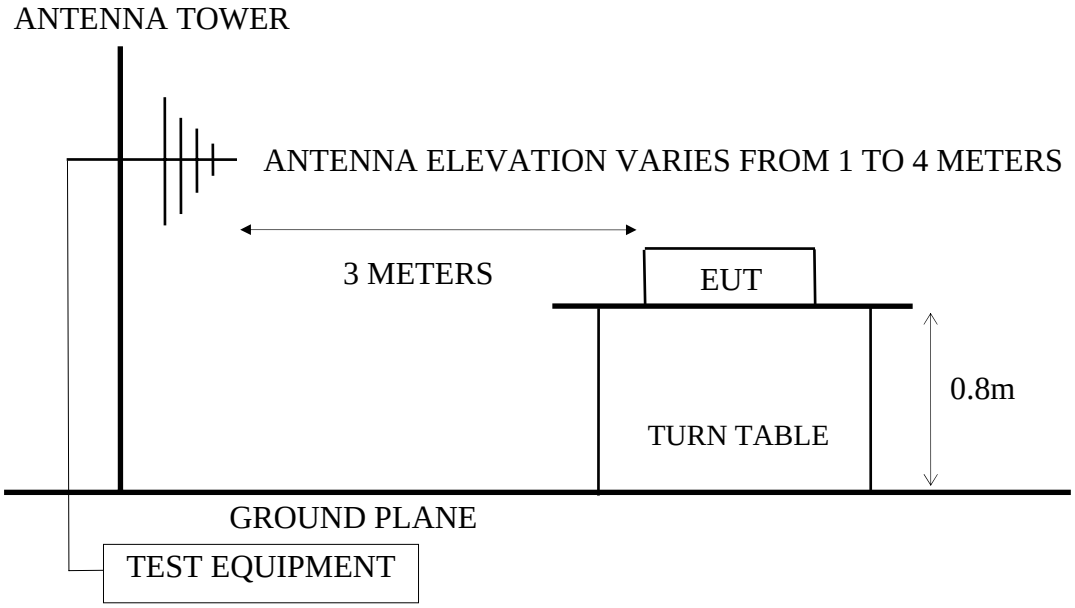
Item	Type	Manufacturer	Model No.	Serial No.	Cal. Due Date
1.	Spectrum Analyzer	Agilent	N9010A-526	MY53400071	2014. 09. 18
2.	Test Receiver	R & S	ESCS30	100338	2014. 06. 30
3.	Pre-Amplifier	HP	8449B	3008A00529	2015. 01. 23
4.	2.4GHz Notch Filter	K&L	7NSL10-2441.5E 130.5-00	1	2015. 06. 12
5.	3G High Pass Filter	Microware Circuits	H3G018G1	484796	2015. 06. 12
6.	Horn Antenna	EMCO	3115	9609-4927	2015. 06. 16
7.	Horn Antenna	EMCO	3116	2653	2014. 10. 10

4.2. Block Diagram of Test Setup

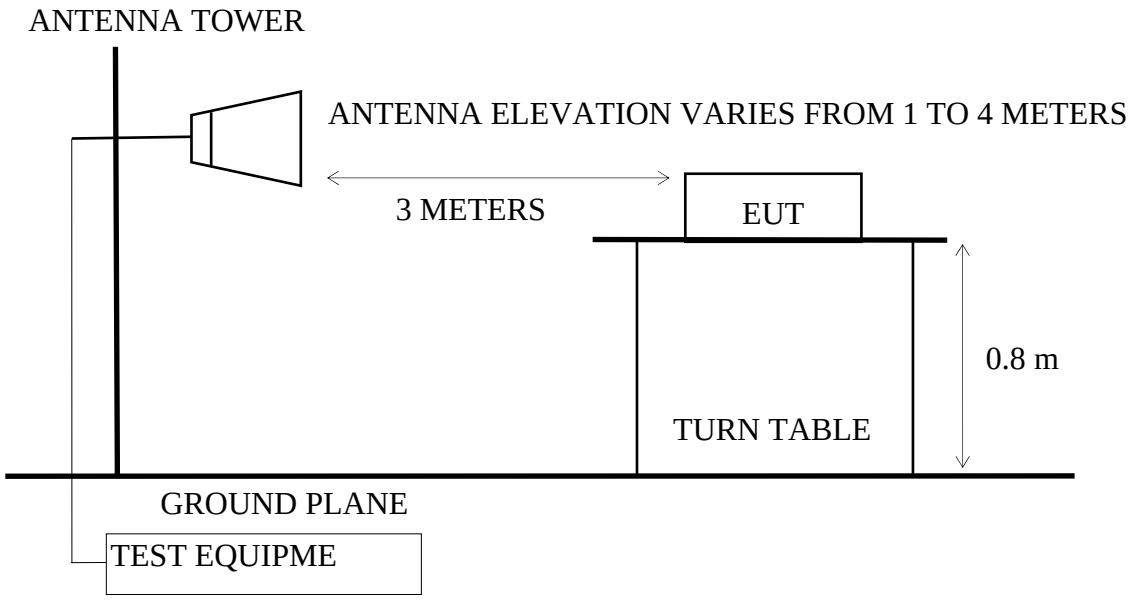
4.2.1. Block Diagram of connection between EUT and simulators



4.2.2. Semi-Anechoic Chamber (3m) Setup Diagram for 30-1000MHz



4.2.3. Semi-Anechoic Chamber (3m) Setup Diagram for above 1GHz



4.3. Radiated Emission Limits (§15.209)

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMITS	
		μV/m	dBμV/m
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
Above 960	3	500	54.0
Above 1000	3	74.0 dBμV/m (Peak) 54.0 dBμV/m (Average)	

Remark：(1) Emission level (dBμV/m) = 20 log Emission level (μV/m)

(2) The tighter limit applies at the edge between two frequency bands.

(3) Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

(4) The limits in this table are based on CFR 47 Part 15.205(a)(b) and Part 15.209 (a).

(5) The over 1GHz limit, FCC limit is used based on CFR 47 Part 15.35 (b) and Part 15.205(b) & Part 15.209(e) and Part 15.207(c).

4.4. Fundamental Frequency Limits [§15.249(a)]

FUNDAMENTAL FREQUENCY MHZ	LIMITS
2400-2485	114 dBμV/m (Peak)
	94 dBμV/m (Average)

4.5. Operating Condition of EUT

4.5.1. Set up the EUT as shown on 4.2.

4.5.2. To turn on the power of all equipment.

4.5.3. The EUT was set to continuously transmit signals at 2402MHz、2441MHz and 2480MHz during testing.

4.6. Test Procedure

The EUT and its simulators were placed on a turn table which was 0.8 meter above the ground. The turn table rotated 360 degrees to determine the position of the maximum emission level. EUT was set to 3 meters away from the receiving antenna which was mounted on an antenna tower. The antenna moved up and down between 1 to 4 meters to find out the maximum emission level. Broadband antenna such as calibrated biconical and log-periodical antenna or horn antenna were used as a receiving antenna. Both horizontal and vertical polarization of the antenna were set on measurement. In order to find the maximum emission, all of the interface cables were manipulated according to FCC ANSI C63.4-2003 regulation.

The bandwidth of the R & S Test Receiver ESCS 30 was set at 120kHz.
(For 30MHz to 1000MHz)

The resolution bandwidth and video bandwidth of test spectrum analyzer is 1MHz for peak detection (PK) at frequency above 1GHz.

The frequency range from 30MHz to 25GHz (Up to 10^{th} harmonics from fundamental frequency) was checked. 30MHz to 1000MHz was measured with Peak detector. Pursuant to ANSI 4.2.2, peak detector is an alternate option for frequency from 30MHz to 1000MHz.

Above 1GHz was measured with peak and average detector. For frequency from 1GHz to 25GHz, we checked it in 1 meter distance and with a shorter cable 2 meter instead of original's. There is no signal exist.

Pursuant to ANSI C63.4 8.3.1.2, when peak value complies with the average limit, we didn't perform measurement in average detector.

4.7. Radiated Emission Measurement Test Results

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

EUT：iPen Model No.：CP2314

Test Date：2014. 06. 18 Temperature：23℃ Humidity：42%

For Frequency Range 30MHz~1000MHz:

The EUT emitted the fundamental frequency with data code at the stand, side and lying conditions.

The EUT select **worst position "stand"** was measured during this section testing and all the test results are listed in section 4.7.1.

Mode	Channel	Frequency	Test Mode	Reference Test Data	
				Horizontal	Vertical
1.	01	2402MHz	Transmit	# 2	# 1
2.	40	2441MHz		# 1	# 2
3.	79	2480MHz		# 2	# 1
4.	--	--	Inter Modulation	Note: This mode has been assessed in FCC DoC report.	

* Above all final readings were measured with Peak detector.

For Frequency above 1GHz:
There is no emission be found from 1GHz to up to 10th harmonics.

For Restricted Bands:

The EUT was tested in restricted bands and all the test results are listed in section 4.7.2. (The restricted bands defined in part 15.205(a))

Mode	Channel	Frequency	Test Mode	Reference Test Data	
				Horizontal	Vertical
1.	01	2402MHz	Transmit	# 3, # 4	# 1, # 2
2.	79	2480MHz		# 5, # 6	# 7, # 8

For Fundamental Frequency:

The EUT was measured during this section testing and all the test results are listed in section 4.7.3.

Mode	Channel	Frequency	Test Mode	Reference Test Data	
				Horizontal	Vertical
1.	01	2402MHz	Transmit	# 6	# 5

4.7.1. Frequency Range 30-1000MHz Measurement Results

Transmit, Frequency: 2402MHz

Site no. : Audix NO.1 Chamber Data no. : 2
Dis. / Ant. : 3m CBL6112D 33821 Ant. pol. : HORIZONTAL
Limit : 30M-1G
Env. / Ins. : 23*C/42% N9030A(140) Engineer : Ken_chen
EUT : CP2314
Power Rating : DC 5V via ipad
Test Mode : Tx2402

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	320.03	13.66	4.88	20.17	38.71	46.00	7.29	Peak
2	399.57	15.53	5.65	10.15	31.33	46.00	14.67	Peak

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

Site no. : Audix NO.1 Chamber Data no. : 1
Dis. / Ant. : 3m CBL6112D 33821 Ant. pol. : VERTICAL
Limit : 30M-1G
Env. / Ins. : 23*C/42% N9030A(140) Engineer : Ken_chen
EUT : CP2314
Power Rating : DC 5V via ipad
Test Mode : Tx2402

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	51.34	8.08	2.65	18.76	29.49	40.00	10.51	Peak
2	211.39	10.05	4.07	14.84	28.96	43.50	14.54	Peak
3	320.03	13.66	4.88	9.33	27.87	46.00	18.13	Peak

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

Transmit, Frequency: 2441MHz

Site no. : Audix NO.1 Chamber Data no. : 1
Dis. / Ant. : 3m CBL6112D 33821 Ant. pol. : HORIZONTAL
Limit : 30M-1G
Env. / Ins. : 23*C/42% N9030A(140) Engineer : Ken_chen
EUT : CP2314
Power Rating : DC 5V via ipad
Test Mode : Tx2441

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	320.03	13.66	4.88	19.82	38.36	46.00	7.64	Peak
2	399.57	15.53	5.65	10.43	31.61	46.00	14.39	Peak

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

Site no. : Audix NO.1 Chamber Data no. : 2
Dis. / Ant. : 3m CBL6112D 33821 Ant. pol. : VERTICAL
Limit : 30M-1G
Env. / Ins. : 23*C/42% N9030A(140) Engineer : Ken_chen
EUT : CP2314
Power Rating : DC 5V via ipad
Test Mode : Tx2441

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	100.81	10.98	3.23	4.48	18.69	43.50	24.81	Peak
2	172.59	9.40	3.78	6.10	19.28	43.50	24.22	Peak
3	320.03	13.66	4.88	9.28	27.82	46.00	18.18	Peak

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

Transmit, Frequency: 2480MHz

Site no. : Audix NO.1 Chamber Data no. : 2
Dis. / Ant. : 3m CBL6112D 33821 Ant. pol. : HORIZONTAL
Limit : 30M-1G
Env. / Ins. : 23*C/42% N9030A(140) Engineer : Ken_chen
EUT : CP2314
Power Rating : DC 5V via ipad
Test Mode : Tx2480

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	320.03	13.66	4.88	20.01	38.55	46.00	7.45	Peak
2	399.57	15.53	5.65	9.90	31.08	46.00	14.92	Peak

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

Site no. : Audix NO.1 Chamber Data no. : 1
Dis. / Ant. : 3m CBL6112D 33821 Ant. pol. : VERTICAL
Limit : 30M-1G
Env. / Ins. : 23*C/42% N9030A(140) Engineer : Ken_chen
EUT : CP2314
Power Rating : DC 5V via ipad
Test Mode : Tx2480

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	48.43	9.08	2.62	15.63	27.33	40.00	12.67	Peak
2	148.34	10.65	3.59	11.13	25.37	43.50	18.13	Peak
3	320.03	13.66	4.88	9.16	27.70	46.00	18.30	Peak

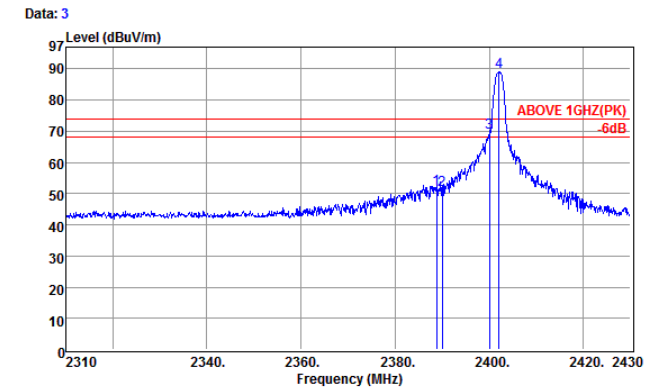
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

4.7.2. Restricted Bands Measurement Results

Date of Test： 2014. 06. 18 Temperature： 23℃

EUT： iPen Humidity： 42%

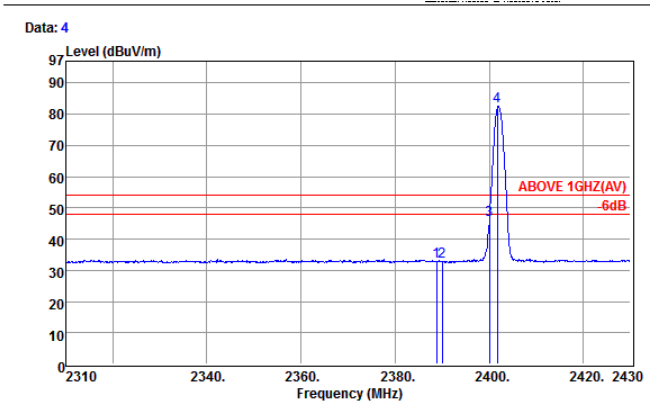
Test Mode： Transmit, Channel: 01, Frequency: 2402MHz



Site no. : Audix NO.1 Chamber Data no. : 3
Dis. / Ant. : 3m 3115(00114104) Ant. pol. : HORIZONTAL
Limit : ABOVE 1GHZ(PK)
Env. / Ins. : 23*C/42% N9030A(140) Engineer : ken_chen
EUT : CP2314
Power Rating : DC 5V via ipad
Test Mode : Tx2402

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2388.84	27.95	5.24	18.44	51.63	74.00	22.37	Peak
2	2390.04	27.95	5.24	17.94	51.13	74.00	22.87	Peak
3	2400.00	27.93	5.25	36.49	69.67	74.00	4.33	Peak
4	2402.04	27.93	5.26	55.72	88.91	74.00	-14.91	Peak

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



Site no. : Audix NO.1 Chamber Data no. : 4
Dis. / Ant. : 3m 3115(00114104) Ant. pol. : HORIZONTAL
Limit : ABOVE 1GHZ(AV)
Env. / Ins. : 23*C/42% N9030A(140) Engineer : ken_chen
EUT : CP2314
Power Rating : DC 5V via ipad
Test Mode : Tx2402

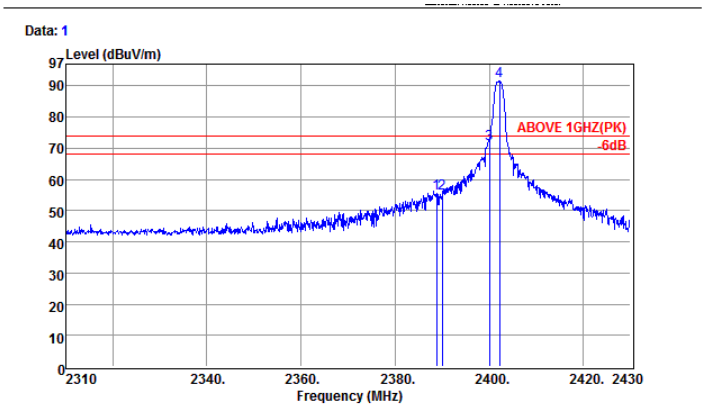
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2388.84	27.95	5.24	-0.31	32.88	54.00	21.12	Average
2	2390.04	27.95	5.24	-0.28	32.91	54.00	21.09	Average
3	2400.00	27.93	5.25	12.98	46.16	54.00	7.84	Average
4	2401.68	27.93	5.25	49.56	82.74	54.00	-28.74	Average

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

Date of Test： 2014. 06. 18 Temperature： 23℃

EUT： iPen Humidity： 42%

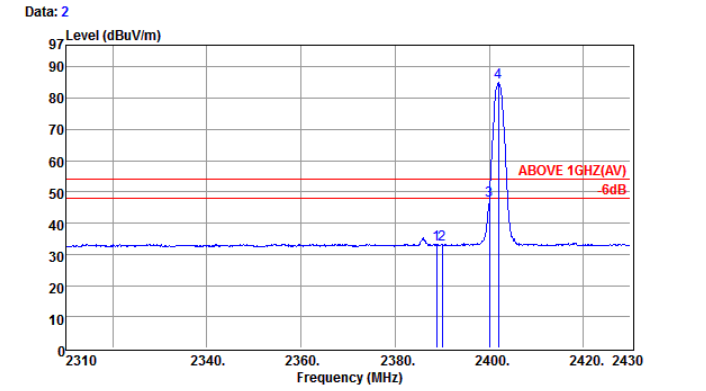
Test Mode： Transmit, Channel: 01, Frequency: 2402MHz



Site no. : Audix NO.1 Chamber Data no. : 1
Dis. / Ant. : 3m 3115(00114104) Ant. pol. : VERTICAL
Limit : ABOVE 1GHZ(PK)
Env. / Ins. : 23*C/42% N9030A(140) Engineer : ken_chen
EUT : CP2314
Power Rating : DC 5V via ipad
Test Mode : Tx2402

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2388.84	27.95	5.24	22.23	55.42	74.00	18.58	Peak
2	2390.04	27.95	5.24	22.51	55.70	74.00	18.30	Peak
3	2400.00	27.93	5.25	38.10	71.28	74.00	2.72	Peak
4	2402.16	27.93	5.26	58.25	91.44	74.00	-17.44	Peak

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



Site no. : Audix NO.1 Chamber Data no. : 2
Dis. / Ant. : 3m 3115(00114104) Ant. pol. : VERTICAL
Limit : ABOVE 1GHZ(AV)
Env. / Ins. : 23*C/42% N9030A(140) Engineer : ken_chen
EUT : CP2314
Power Rating : DC 5V via ipad
Test Mode : Tx2402

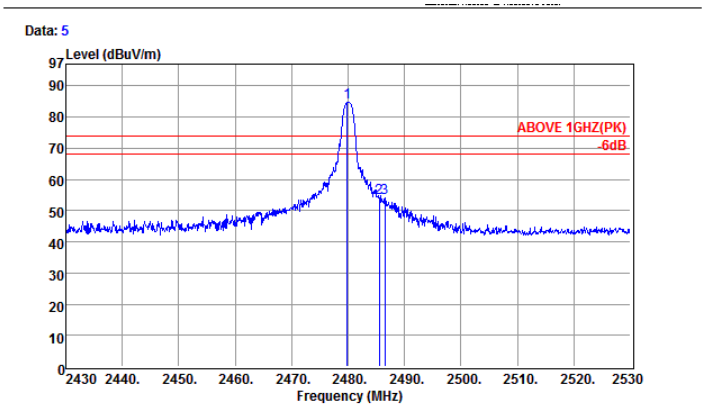
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2388.84	27.95	5.24	-0.17	33.02	54.00	20.98	Average
2	2390.04	27.95	5.24	-0.17	33.02	54.00	20.98	Average
3	2400.00	27.93	5.25	13.93	47.11	54.00	6.89	Average
4	2401.92	27.93	5.26	52.05	85.24	54.00	-31.24	Average

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

Date of Test： 2014. 06. 18 Temperature： 23℃

EUT： iPen Humidity： 42%

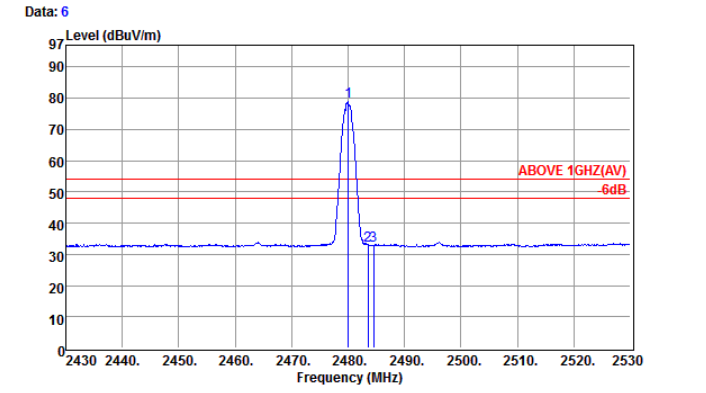
Test Mode： Transmit, Channel: 79, Frequency: 2480MHz



Site no. : Audix NO.1 Chamber Data no. : 5
Dis. / Ant. : 3m 3115(00114104) Ant. pol. : HORIZONTAL
Limit : ABOVE 1GHZ(PK)
Env. / Ins. : 23*C/42% N9030A(140) Engineer : ken_chen
EUT : CP2314
Power Rating : DC 5V via ipad
Test Mode : Tx2480

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2479.90	27.83	5.36	51.51	84.70	74.00	-10.70	Peak
2	2485.50	27.82	5.37	20.87	54.06	74.00	19.94	Peak
3	2486.50	27.82	5.37	20.86	54.05	74.00	19.95	Peak

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



Site no. : Audix NO.1 Chamber Data no. : 6
Dis. / Ant. : 3m 3115(00114104) Ant. pol. : HORIZONTAL
Limit : ABOVE 1GHZ(AV)
Env. / Ins. : 23*C/42% N9030A(140) Engineer : ken_chen
EUT : CP2314
Power Rating : DC 5V via ipad
Test Mode : Tx2480

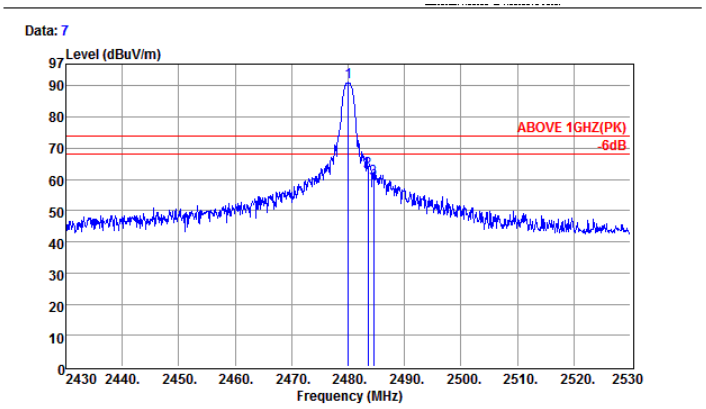
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2480.00	27.83	5.36	45.86	79.05	54.00	-25.05	Average
2	2483.50	27.82	5.37	-0.36	32.83	54.00	21.17	Average
3	2484.50	27.82	5.37	-0.52	32.67	54.00	21.33	Average

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

Date of Test： 2014. 06. 18 Temperature： 23℃

EUT： iPen Humidity： 42%

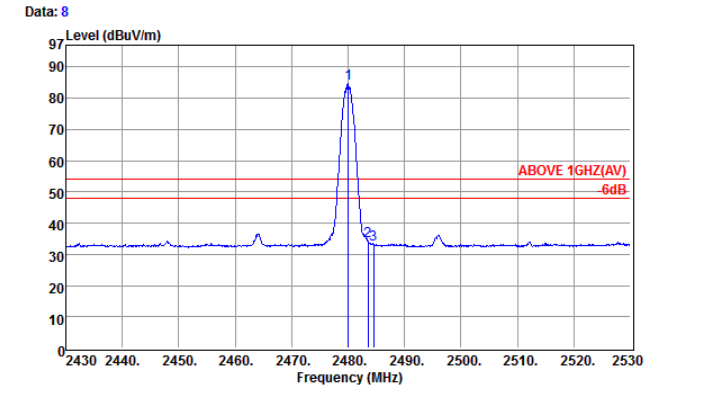
Test Mode： Transmit, Channel: 79, Frequency: 2480MHz



Site no. : Audix NO.1 Chamber Data no. : 7
Dis. / Ant. : 3m 3115(00114104) Ant. pol. : VERTICAL
Limit : ABOVE 1GHZ(PK)
Env. / Ins. : 23*C/42% N9030A(140) Engineer : ken_chen
EUT : CP2314
Power Rating : DC 5V via ipad
Test Mode : Tx2480

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2480.00	27.83	5.36	57.91	91.10	74.00	-17.10	Peak
2	2483.50	27.82	5.37	28.49	62.68	74.00	11.32	Peak
3	2484.50	27.82	5.37	27.08	60.27	74.00	13.73	Peak

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



Site no. : Audix NO.1 Chamber Data no. : 8
Dis. / Ant. : 3m 3115(00114104) Ant. pol. : VERTICAL
Limit : ABOVE 1GHZ(AV)
Env. / Ins. : 23*C/42% N9030A(140) Engineer : ken_chen
EUT : CP2314
Power Rating : DC 5V via ipad
Test Mode : Tx2480

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2480.00	27.83	5.36	51.38	84.57	54.00	-30.57	Average
2	2483.50	27.82	5.37	1.18	34.37	54.00	19.63	Average
3	2484.50	27.82	5.37	-0.18	33.01	54.00	20.99	Average

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

4.7.3. Fundamental Frequency

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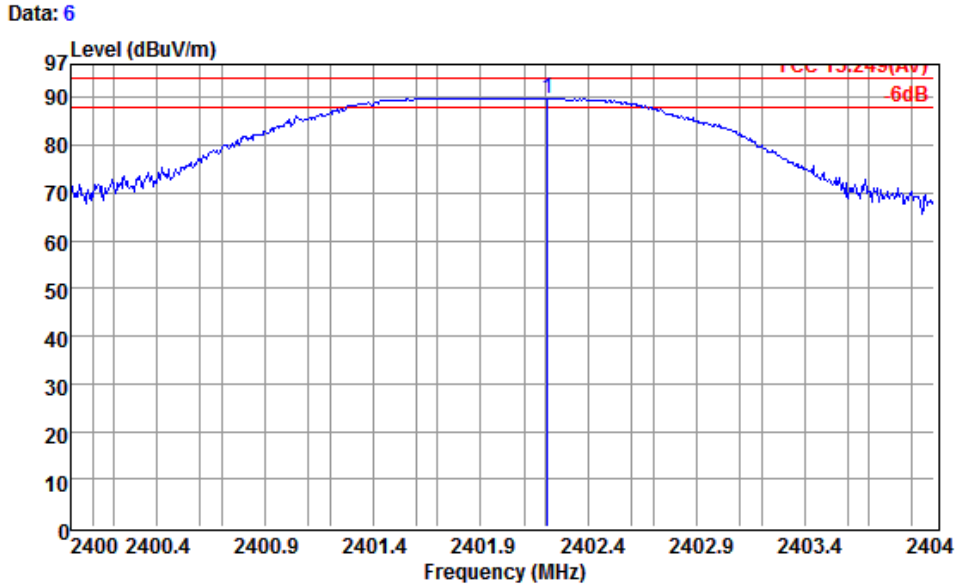
Email:ttemc@ttemc.com.



Site no. : Audix NO.1 Chamber Data no. : 6
Dis. / Ant. : 3m 3115(00114104) Ant. pol. : HORIZONTAL
Limit : FCC 15.249(AV)
Env. / Ins. : 23*C/42% N9030A(140) Engineer : ken_chen
EUT : CP2314
Power Rating : DC 5V via ipad
Test Mode : Tx2402

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2402.21	27.93	5.26	56.74	89.93	94.00	4.07	Peak

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

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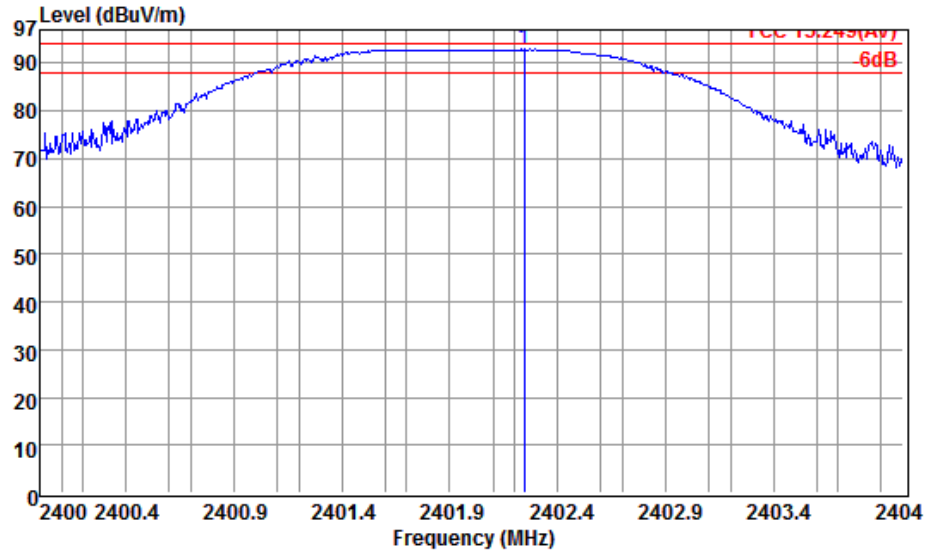
Email:ttemc@ttemc.com.

Data: 5



Site no. : Audix NO.1 Chamber Data no. : 5
Dis. / Ant. : 3m 3115(00114104) Ant. pol. : VERTICAL
Limit : FCC 15.249(AV)
Env. / Ins. : 23*C/42% N9030A(140) Engineer : ken_chen
EUT : CP2314
Power Rating : DC 5V via ipad
Test Mode : Tx2402

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2402.25	27.93	5.26	59.69	92.88	94.00	1.12	Peak

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

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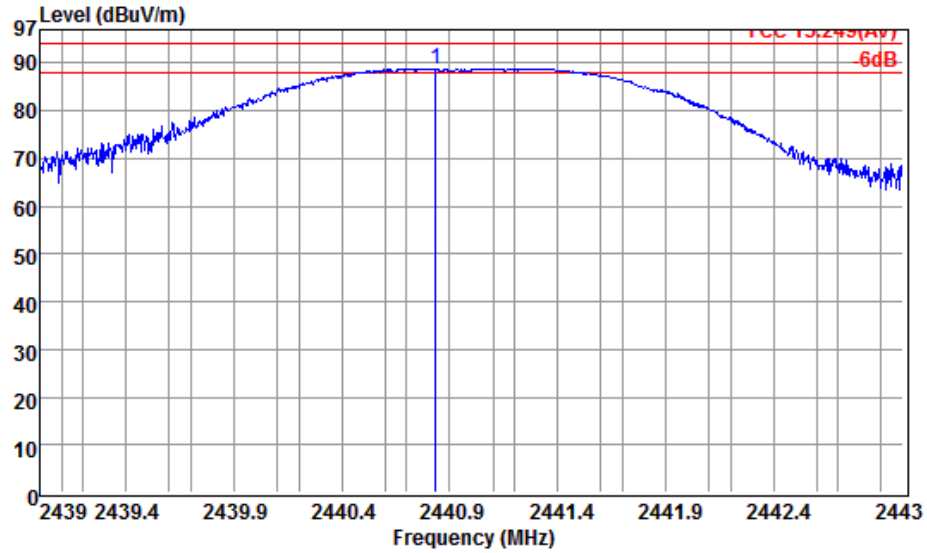
Email:ttemc@ttemc.com.

Data: 3



Site no. : Audix NO.1 Chamber Data no. : 3
Dis. / Ant. : 3m 3115(00114104) Ant. pol. : HORIZONTAL
Limit : FCC 15.249(AV)
Env. / Ins. : 23*C/42% N9030A(140) Engineer : ken_chen
EUT : CP2314
Power Rating : DC 5V via ipad
Test Mode : Tx2441

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2440.84	27.87	5.31	55.70	88.88	94.00	5.12	Peak

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

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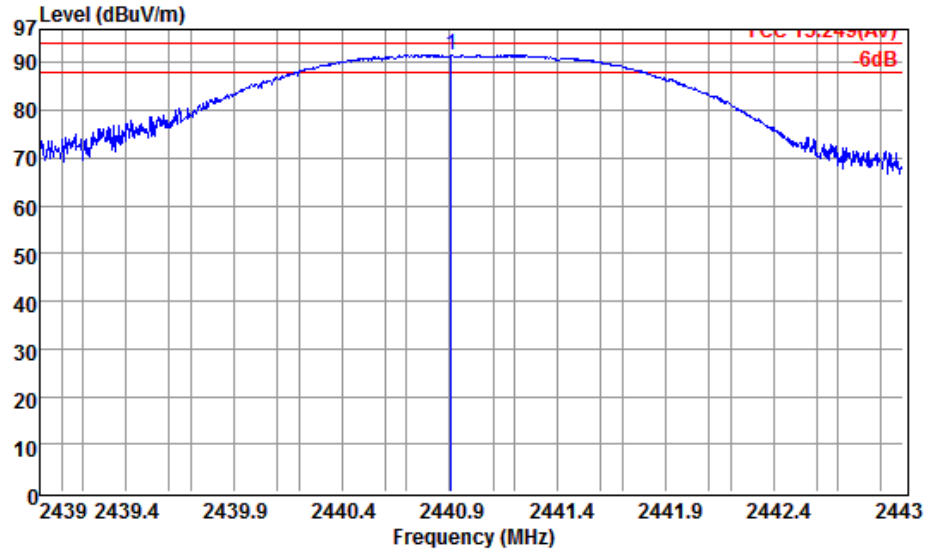
Data: 4



Site no. : Audix NO.1 Chamber Data no. : 4
Dis. / Ant. : 3m 3115(00114104) Ant. pol. : VERTICAL
Limit : FCC 15.249(AV)
Env. / Ins. : 23*C/42% N9030A(140) Engineer : ken_chen
EUT : CP2314
Power Rating : DC 5V via ipad
Test Mode : Tx2441

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2440.91	27.87	5.31	58.40	91.58	94.00	2.42	Peak

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

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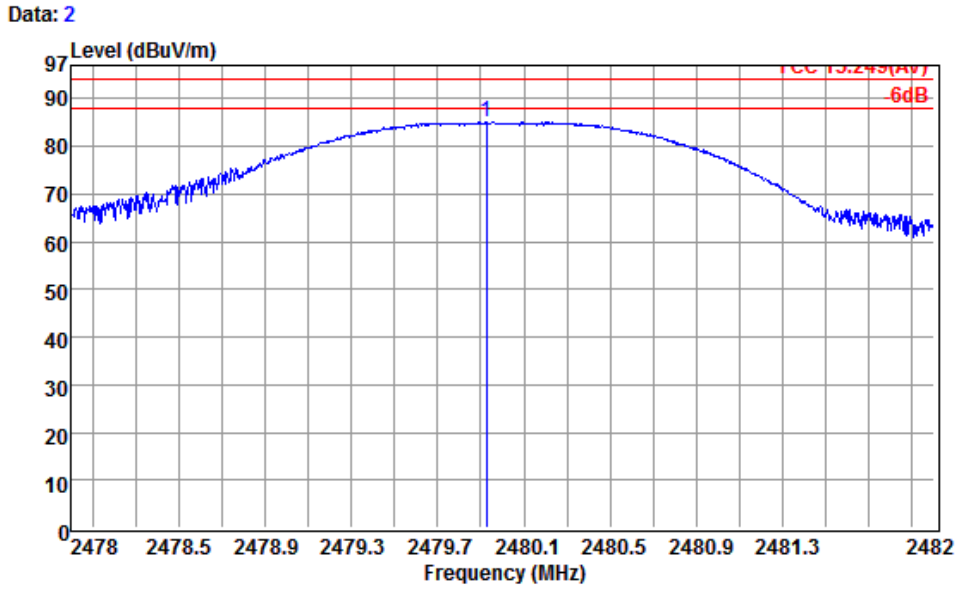

Site no. : Audix NO.1 Chamber Data no. : 2
Dis. / Ant. : 3m 3115(00114104) Ant. pol. : HORIZONTAL
Limit : FCC 15.249(AV)
Env. / Ins. : 23*C/42% N9030A(140) Engineer : ken_chen
EUT : CP2314
Power Rating : DC 5V via ipad
Test Mode : Tx2480

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2479.93	27.83	5.36	51.93	85.12	94.00	8.88	Peak

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

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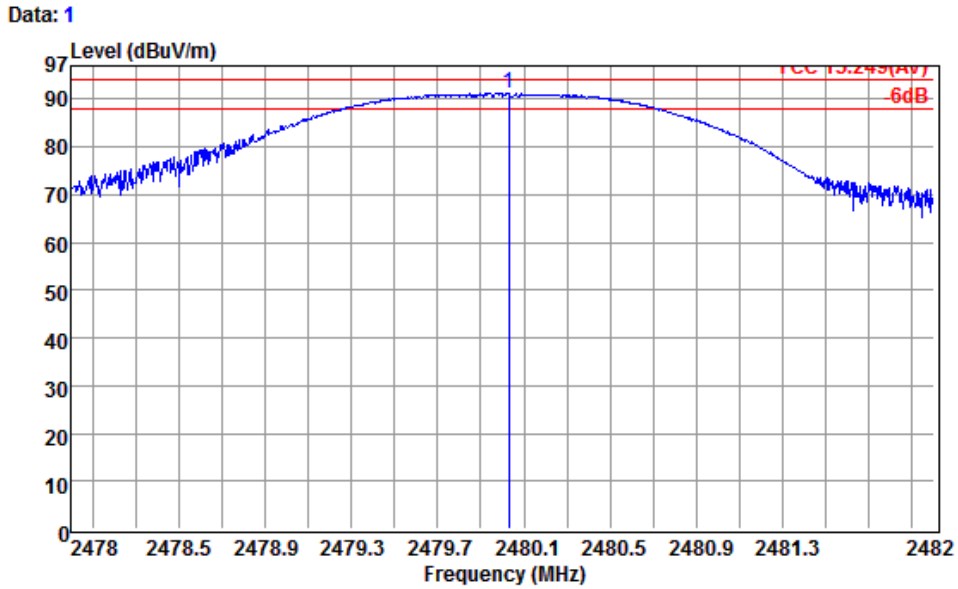


Site no. : Audix NO.1 Chamber Data no. : 1
Dis. / Ant. : 3m 3115(00114104) Ant. pol. : VERTICAL
Limit : FCC 15.249(AV)
Env. / Ins. : 23*C/42% N9030A(140) Engineer : ken_chen
EUT : CP2314
Power Rating : DC 5V via ipad
Test Mode : Tx2480

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2480.03	27.83	5.36	57.92	91.11	94.00	2.89	Peak

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

5. DEVIATION TO TEST SPECIFICATIONS

【NONE】

6. PHOTOGRAPHS

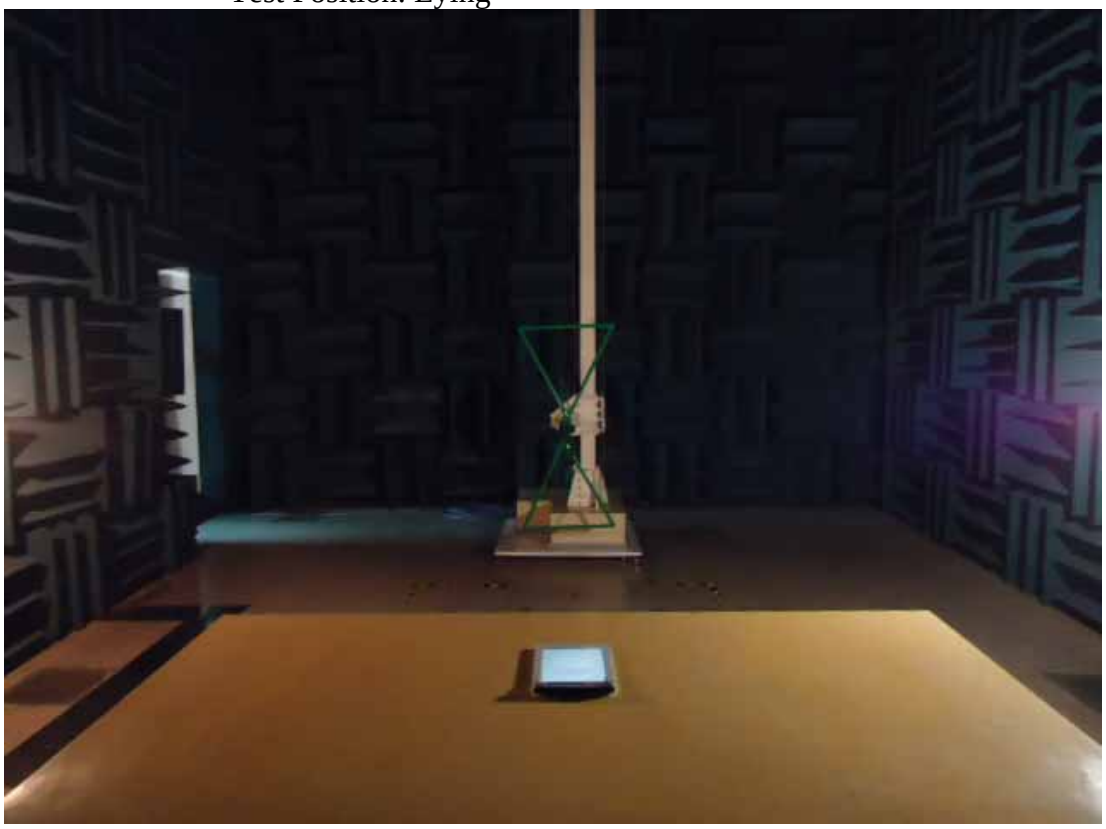
6.1. Photos of Radiated Emission Measurement at Semi-Anechoic Chamber

6.1.1. Frequency Range 30MHz-1GHz

Test Position: Stand

Test Position: Side

Test Position: Lying



6.1.2. Frequency Range Above 1GHz

Test Position: Stand

Test Position: Side

Test Position: Lying