FCC PART 15C TEST REPORT FOR CERTIFICATION
On Behalf of

Incipio Technologies, Inc.

Steno Keyboard Folio for iPad Air

Model Number: IPD-337

FCC ID: 2AAWX-IPD-337

Prepared for : Incipio Technologies, Inc.
6001 Oak Canyon, Irvine, CA 92618

Prepared By : Audix Technology (Shenzhen) Co., Ltd.
No. 6, Ke Feng Rd., 52 Block,
Shenzhen Science & Industrial Park,
Nantou, Shenzhen, Guangdong, China

Tel: (0755) 26639496

Report Number : ACS-F14097
Date of Test : Mar.15~19, 2014
Date of Report : Mayr.05, 2014

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TEST REPORT CERTIFICATION

Applicant	:	Incipio Technologies, Inc.
Manufacturer	:	Incipio Technologies, Inc.
EUT Description	:	Steno Keyboard Folio for iPad Air
FCC ID	:	2AAWX-IPD-337

(A) MODEL NO. : IPD-337
(B) SERIAL NO. : N/A
(C) POWER SUPPLY : DC 3.7V; DC 5V From PC
(D) TEST VOLTAGE : DC 5V From PC Input AC 120V/60Hz

Tested for comply with:
FCC Rules and Regulations Part 15 Subpart C: 2012
Test procedure used:
ANSI C63.10:2009

The device described above is tested by AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. to confirm comply with all the FCC Part 15 Subpart C requirements. The test results are contained in this test report and AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. is assumed full responsibility for the accuracy and completeness of these tests. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC and IC requirements. This report contains data that are not covered by the NVLAP accreditation.

This Report is made under FCC Part 2.1075. No modifications were required during testing to bring this product into compliance.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

Date of Test : Mar.15~ 19, 2014 Report of date: May.05, 2014

Prepared by : Selina Liu / Supervisor

Reviewed by : Sunny Lu/ Assistant Manager

AUDIX® 信華科技（深圳）有限公司
Audix Technology (Shenzhen) Co., Ltd.
EMC 部門報告專用章
Stamp only for EMC Dept. Report
Signature: David Jin

Approved & Authorized Signer : David Jin / Manager

1. SUMMARY OF STANDARDS AND RESULTS

1.1.Description of Standards and Results

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

EMISSION		
Description of Test Item	**Standard**	**Results**
Power Line Conducted Emission Test	FCC Part 15: 15.207 ANSI C63.10 :2009	PASS
Radiated Emission Test	FCC Part 15: 15.209 FCC Part 15: 15.247(d) ANSI C63.10 :2009	PASS
Conducted Spurious Emissions	FCC Part 15: 15.247(a)(1) ANSI C63.10 :2009	PASS
Carrier Frequency Separation Test	FCC Part 15: 15.247(a)(1) ANSI C63.10 :2009	PASS
20dB Bandwidth Test	FCC Part 15: 15.215 ANSI C63.10 :2009	PASS
Number Of Hopping Frequency Test	FCC Part 15: 15.247(a)(1)(iii) ANSI C63.10 :2009	PASS
Dwell Time Test	FCC Part 15: 15.247(a)(1)(iii) ANSI C63.10 :2009	PASS
Maximum Peak Output Power Test	FCC Part 15: 15.247(b)(1)\ ANSI C63.10 :2009	PASS
Band Edge Compliance Test	FCC Part 15: 15.247(d) ANSI C63.10 :2009	PASS
N/A is an abbreviation for Not Applicable.		

2. GENERAL INFORMATION

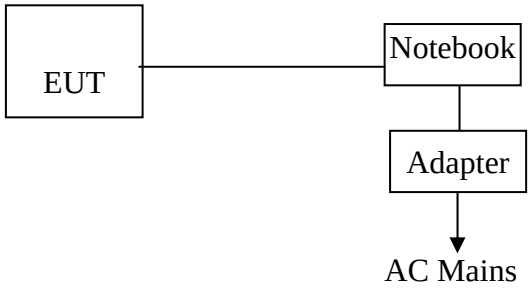
2.1. Description of Device (EUT)

Product Name	: Steno Keyboard Folio for iPad Air
Model Number	: IPD-337
FCC ID	: 2AAWX-IPD-337
Radio	: Bluetooth V3.0 +EDR
Operation Frequency	: 2402-2480MHz
Modulation Technology	: GFSK, π/4DQPSK, 8DPSK
Antenna Assembly Gain	: PCB antenna, 0dBi PK Gain
Applicant	: Incipio Technologies, Inc. 6001 Oak Canyon, Irvine, CA 92618
Manufacturer	: Incipio Technologies, Inc. 6001 Oak Canyon, Irvine, CA 92618
Date of Test	: Mar.15~19, 2014
Date of Receipt	: Mar.14, 2014
Sample Type	: Prototype production

2.2. Tested Supporting System Details

No.	Description	ACS No.	Manufacturer	Model	Serial Number	Approved type
1.	Notebook	Test PC R	DELL	D430	PP09S	☑ FCC DoC
		Power Cord: Unshielded, Detachable, 1.8m Power Adopter: Manufacture: DELL, M/N:LA65NS1-00				

2.3. Block Diagram of connection between EUT and simulators



(EUT: Steno Keyboard Folio for iPad Air)

2.4. Test information

The test software "bluesuite.exe" was used to control EUT work in Continuous TX mode, and select test channel.

Tested mode, channel, and data rate information			
Mode	data rate (Mbps)	Channel	Frequency (MHz)
Tx Mode GFSK modulation	1	Low :CH 0	2402
	1	Middle: CH39	2441
	1	High: CH78	2480
Tx Mode 8-DPSK modulation	3	Low :CH 0	2402
	3	Middle: CH39	2441
	3	High: CH78	2480
Note: π/4DQPSK modulation is same type modulation with 8-DPSK, and according exploratory test, 8-DPSK will have worse emissions, so the final test were only performed with GFSK and 8-DPSK modulation.			

2.5. Test Facility

Site Description

Name of Firm : Audix Technology (Shenzhen) Co., Ltd.
No. 6, Ke Feng Rd., 52 Block, Shenzhen Science & Industrial Park,Nantou, Shenzhen, Guangdong, China

3m Anechoic Chamber : Certificated by FCC, USA
Registration Number: 90454
Valid Date: Feb.22, 2015

3m & 10m Anechoic Chamber : Certificated by FCC, USA
Registration Number: 794232
Valid Date: Oct.31, 2015

EMC Lab. : Certificated by Industry Canada
Registration Number: IC 5183A-1
Valid Date: Jun.13, 2014

: Certificated by DAkkS, Germany
Registration No: D-PL-12151-01-00
Valid Date: Dec.15, 2016

: Accredited by NVLAP, USA
NVLAP Code: 200372-0
Valid Date: Mar.31, 2014

2.6. Measurement Uncertainty (95% confidence levels, k=2)

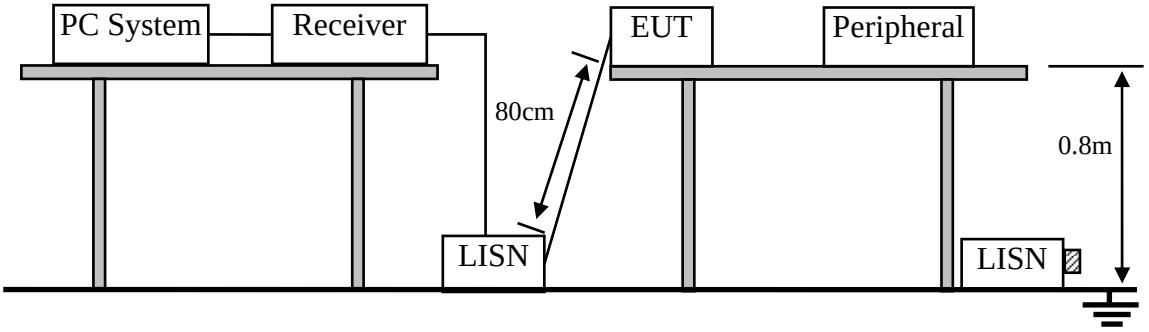
Test Item	Uncertainty
Uncertainty for Conduction emission test in No. 1 Conduction	3.1 dB(150KHz to 30MHz)
Uncertainty for Radiation Emission test in 3m chamber	3.22 dB(30~200MHz, Polarize: H)
	3.23 dB(30~200MHz, Polarize: V)
	3.49 dB(200M~1GHz, Polarize: H)
	3.39 dB(200M~1GHz, Polarize: V)
Uncertainty for Radiation Emission test in 3m chamber (1GHz-18GHz)	4.97 dB(1~6GHz, Distance: 3m)
	4.99 dB(6~18GHz, Distance: 3m)
Uncertainty for Radiated Spurious Emission test in RF chamber	3.57 dB
Uncertainty for Conduction Spurious emission test	2.00 dB
Uncertainty for Output power test	0.73 dB
Uncertainty for Bandwidth test	83 kHz
Uncertainty for DC power test	0.038 %
Uncertainty for test site temperature and humidity	0.6℃
	3%

3. POWER LINE CONDUCTED EMISSION MEASUREMENT

3.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	1# Shielding Room	AUDIX	N/A	N/A	Apr.18, 13	1 Year
2.	Test Receiver	Rohde & Schwarz	ESHS10	838693/001	Oct.31, 13	1 Year
3.	L.I.S.N.#1	Rohde & Schwarz	ESH2-Z5	834066/011	Oct.31, 13	1 Year
4.	L.I.S.N.#3	Kyoritsu	KNW-242C	8-1920-1	May.08, 13	1 Year
5.	Terminator	Hubersuhner	50Ω	No. 1	May.08, 13	1 Year
6.	Terminator	Hubersuhner	50Ω	No. 2	May.08, 13	1 Year
7.	RF Cable	Fujikura	3D-2W	No.1	May.08, 13	1 Year
8.	Coaxial Switch	Anritsu	MP59B	M50564	May.08, 13	1 Year
9.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100341	May.08, 13	1 Year
10.	MPEG2 Measurement Generator	ROHDE&SCHWARZ	DVG	100319	Dec.11, 13	1 Year
11.	TV Transmitter	ROHDE&SCHWARZ	SFQ	100521	May.08, 13	1 Year
12.	Signal Generator	HP	8648A	3625U00573	May.08, 13	1 Year
13.	Pattern Generator	Philiphs	PM5418	LO625020	May.08, 13	1 Year

3.2. Block Diagram of Test Setup



▨ :50Ω Terminator

3.3. Power Line Conducted Emission Test Limits

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level dB(μV)	Average Level dB(μV)
150kHz ~ 500kHz	66 ~ 56*	56 ~ 46*
500kHz ~ 5MHz	56	46
5MHz ~ 30MHz	60	50

Notes: 1. * Decreasing linearly with logarithm of frequency.
2. The lower limit shall apply at the transition frequencies.

3.4. Configuration of EUT on Test

The following equipment are installed on Power Line Conducted Emission Test to meet the commission requirement and operating regulations in a manner which tends to maximize its emission characteristics in a normal application.

3.4.1. Steno Keyboard Folio for iPad Air (EUT)

Model Number : IPD-337
Serial Number : N/A

3.5. Operating Condition of EUT

3.5.1. Setup the EUT and simulator as shown as Section 3.2.

3.5.2. Turn on the power of all equipment.

3.5.3. Let the EUT work in test mode (TX Mode) and measure it.

3.6. Test Procedure

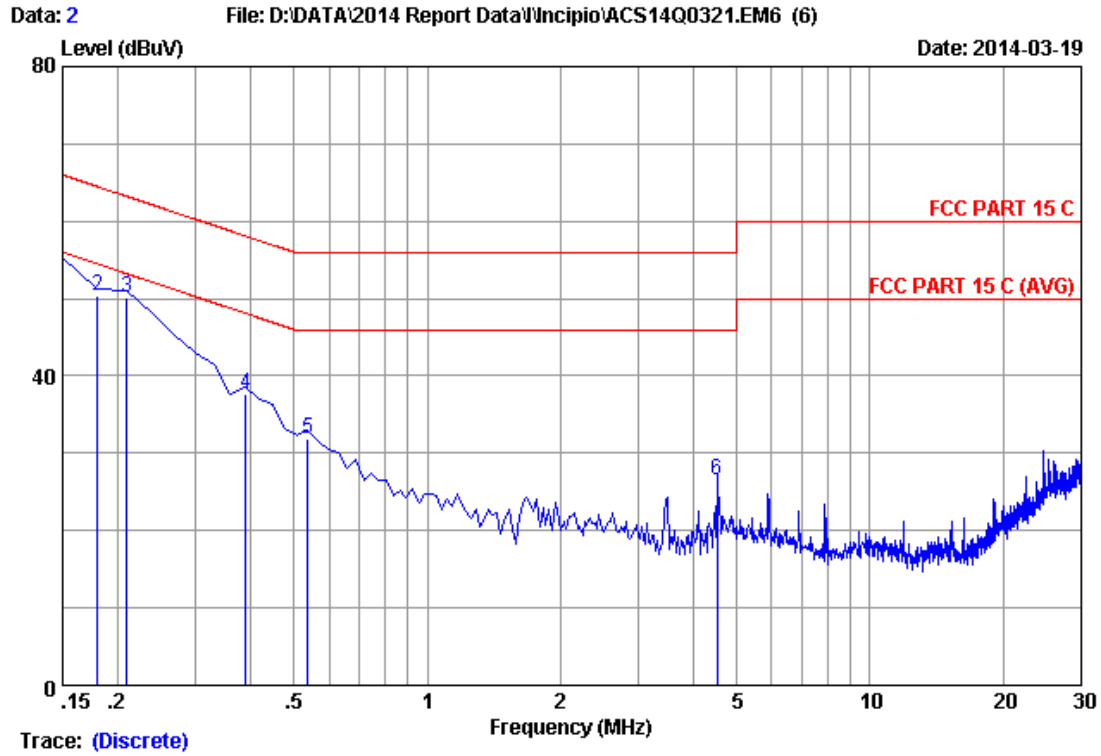
The EUT was placed on a non-metallic table, 80cm above the ground plane. The EUT Power connected to the power mains through a line impedance stabilization network (L.I.S.N. 1#). this provided a 50-ohm coupling impedance for the EUT (Please refer to the block diagram of the test setup and photographs). Both sides of power line were checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.4-2009 on conducted Emission test.

The bandwidth of test receiver (R&S TEST RECEIVER ESHS10) is set at 9kHz.

The frequency range from 150kHz to 30MHz is checked. The test result are reported on Section 3.7.

3.7. Conducted Emission at Mains Terminals Test Results

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

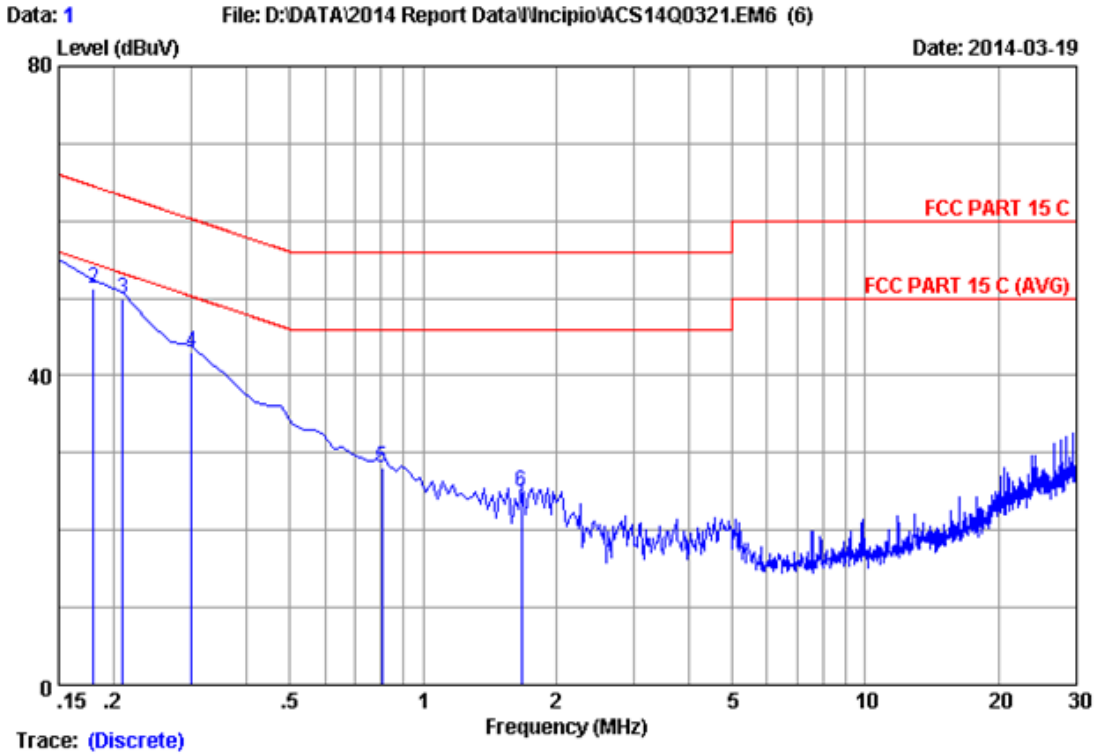


Trace: (Discrete)

Site no :1#conduction Data No :2
Dis./Ant. :2014 ESH2-Z5 LINE
Limit :FCC PART 15 C
Env./Ins. :26.5*C/45% Engineer :Kevin
EUT :Steno Keyboard Folio for iPad Air
Power Rating :DC 5V From PC Input AC 120V/60Hz
Test Mode :Tx Mode
M/N:IPD-337

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15000	0.12	9.87	44.22	54.21	66.00	11.79	QP
2	0.17985	0.13	9.88	40.29	50.30	64.49	14.19	QP
3	0.20970	0.13	9.88	40.05	50.06	63.22	13.16	QP
4	0.38880	0.14	9.88	27.62	37.64	58.09	20.45	QP
5	0.53805	0.15	9.88	21.90	31.93	56.00	24.07	QP
6	4.508	0.25	9.94	16.33	26.52	56.00	29.48	QP

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



Site no :1#conduction Data No :1
Dis./Ant. :2014 ESH2-Z5 NEUTRAL
Limit :FCC PART 15 C
Env./Ins. :26.5*C/45% Engineer :Kevin
EUT :Steno Keyboard Folio for iPad Air
Power Rating :DC 5V From PC Input AC 120V/60Hz
Test Mode :Tx Mode
M/N:IPD-337

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15000	0.13	9.87	43.95	53.95	66.00	12.05	QP
2	0.17985	0.13	9.88	41.32	51.33	64.49	13.16	QP
3	0.20970	0.13	9.88	39.86	49.87	63.22	13.35	QP
4	0.29925	0.14	9.88	32.88	42.90	60.26	17.36	QP
5	0.80670	0.16	9.89	17.97	28.02	56.00	27.98	QP
6	1.672	0.19	9.90	14.98	25.07	56.00	30.93	QP

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

4. RADIATED EMISSION MEASUREMENT

4.1.Test Equipment

Frequency rang: 30~1000MHz

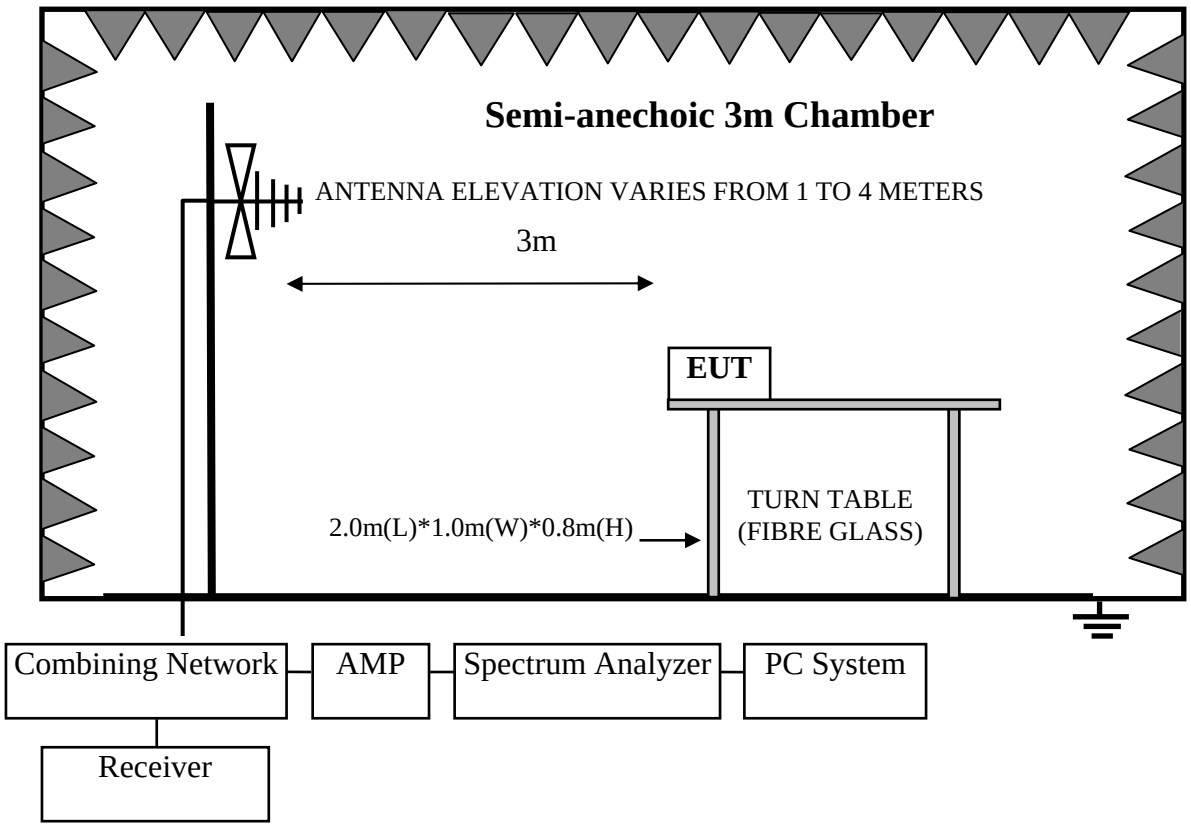
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	3#Chamber	AUDIX	N/A	N/A	Nov.24, 13	1 Year
2	EMI Spectrum	Agilent	E4407B	MY41440292	May.08, 13	1 Year
3	Test Receiver	Rohde & Schwarz	ESVS10	834468/011	May.08, 13	1 Year
4	Amplifier	HP	8447D	2648A04738	May.08, 13	1 Year
5	Bilog Antenna	TESEQ	CBL6112D	35375	May.30, 13	1 Year
6	RF Cable	MIYAZAKI	CFD400-NL	3# Chamber No.1	May.08, 13	1 Year
7	Coaxial Switch	Anritsu	MP59B	M74389	May.08, 13	1 Year

Frequency rang: above 1000MHz

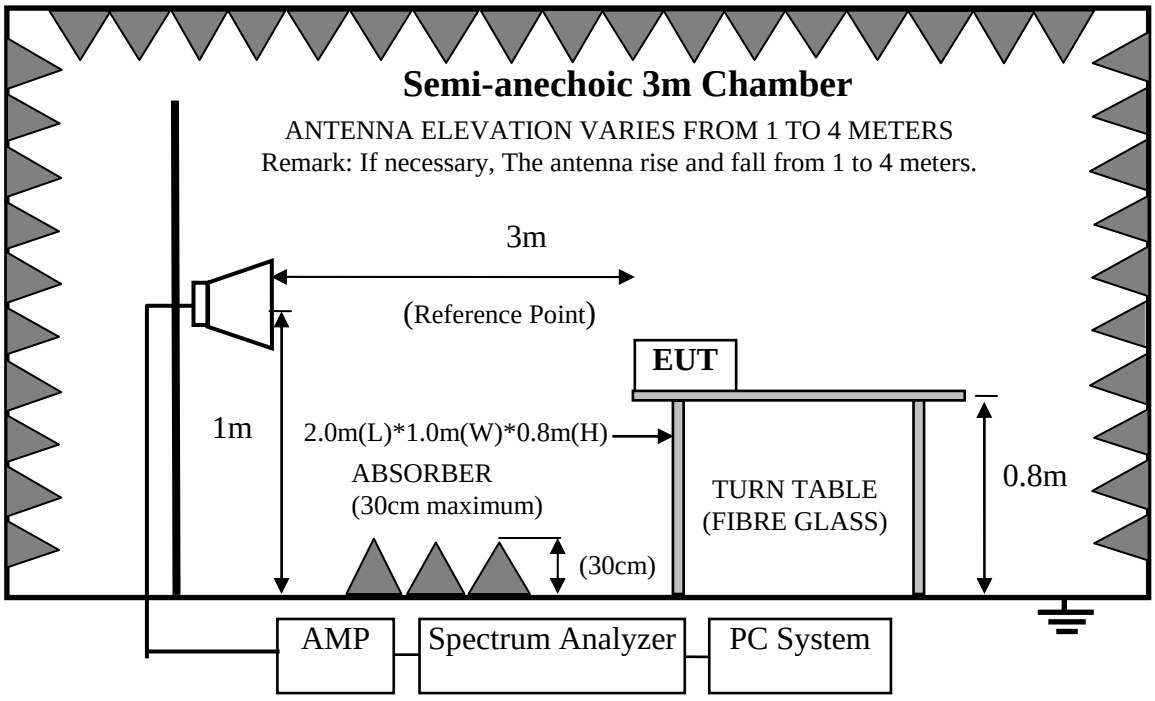
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	Spectrum Analyzer	Agilent	E4407B	MY41440292	May.08, 13	1 Year
2	Horn Antenna	EMCO	3115	9510-4580	May.28, 13	1 Year
3	Amplifier	Agilent	8449B	3008A00863	May.08, 13	1 Year
4	RF Cable	Hubersuhner	SUCOFLEX106	77980/6	May.08, 13	1 Year
5	RF Cable	Hubersuhner	SUCOFLEX106	77977/6	May.08, 13	1 Year
6	Horn Antenna	EMCO	3116	00060089	Aug.28, 13	1 Year

4.2.Block Diagram of Test Setup

For frequency range 30MHz-1000MHz



For frequency range 1GHz-25GHz



4.3.Radiated Emission Limit Standard: FCC 15.209

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

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

(2) The smaller limit shall apply at the cross point between two frequency bands.

(3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

(4) The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

4.3.1. 15.205 Restricted bands of operation

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1]0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])

All the emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

4.4.EUT Configuration on Test

The following equipment are installed on Radiated Emission Test to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

4.4.1. Steno Keyboard Folio for iPad Air (EUT)

Model Number : IPD-337
Serial Number : N/A

4.5. Operating Condition of EUT

4.5.1. Setup the EUT and simulator as shown as Section 3.2.

4.5.2. Turned on the power of all equipment.

4.5.3. Let EUT work in Tx mode.

4.6. Test Procedure

The EUT and its simulators are placed on a turn table, which is 0.8 meter high above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarization of the antenna is set on Test. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.10-2009 on radiated emission Test.

This test was performed with EUT in X, Y, Z position, and the worse case was found when EUT in X position as the test photo indicated.

The bandwidth of the EMI test receiver (R&S ESVS10) is set at 120kHz for frequency range from 30MHz to 1000 MHz.

The bandwidth of the Spectrum's RBW is set at 1MHz and VBW is set at 3MHz for peak emissions measurement above 1GHz

The duty cycle of the test signal is 100%.

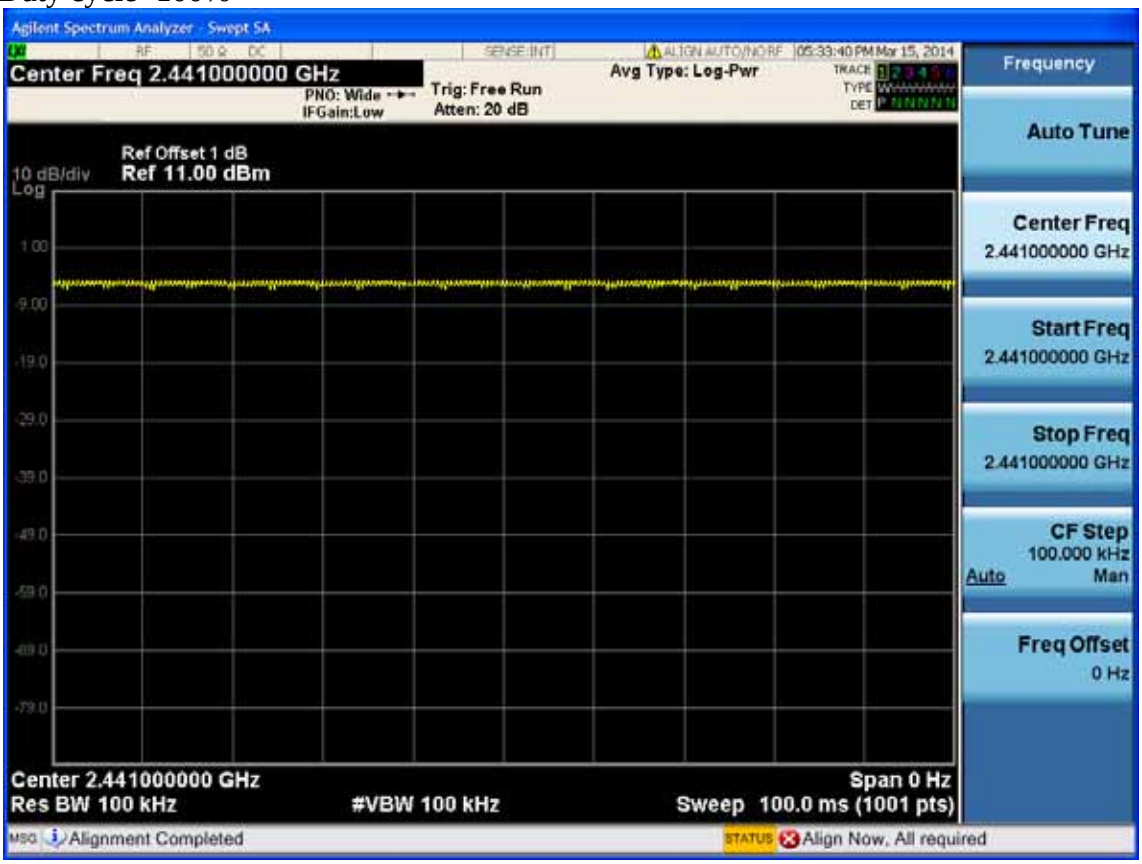
The frequency range from 30MHz to 10th harmonic (25GHz) are checked. and no any emissions were found from 18GHz to 25 GHz, So the radiated emissions from 18GHz to 25GHz were not record.

4.7. Radiated Emission Test Results

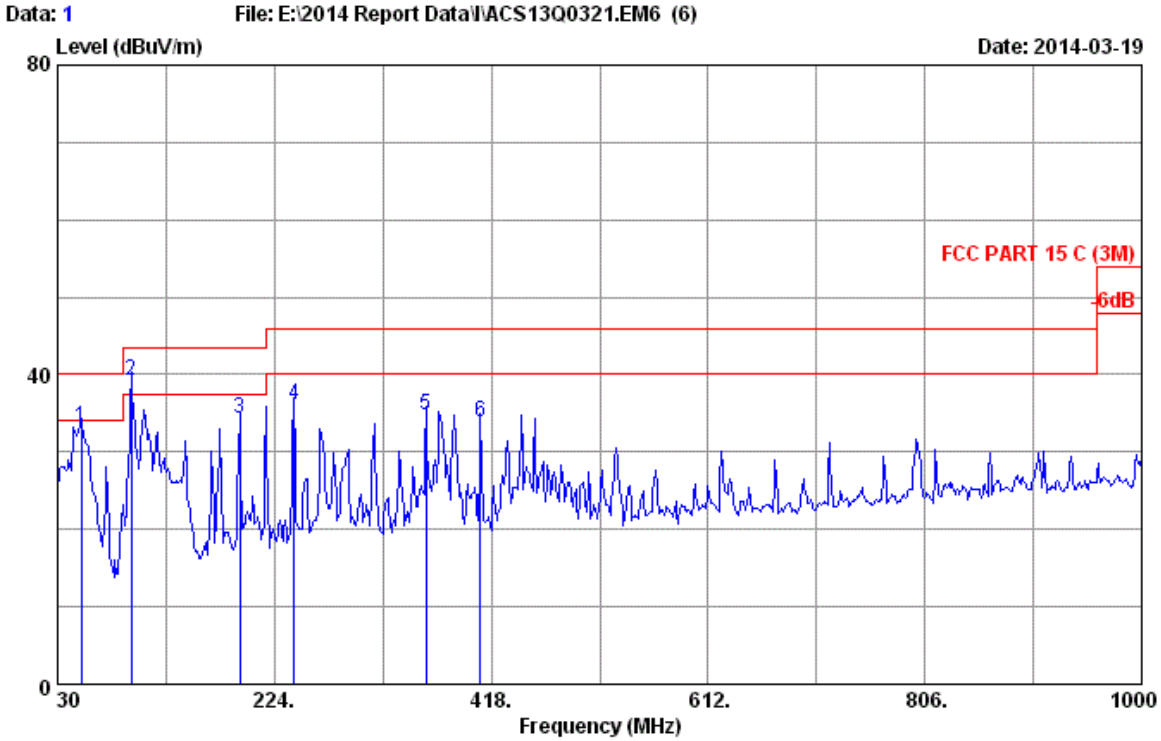
PASS.

All the emissions from 30MHz to 25GHz were comply with the 15.209 Limit.

Duty cycle=100%



Frequency: 30MHz~1GHz




```
Site no.      : 3m Chamber                    Data no.   : 1
Dis. / Ant.   : 3m   2013 CBL6112D 35375      Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15 C (3M)
Env. / Ins.   : 24*C/56%                      Engineer   : Eric
EUT           : Steno Keyboard Folio for iPad Air
Power rating  : DC 5V From PC Input AC 120V/60Hz
Test Mode     : Tx Mode
                M/N:IPD-337
```

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	51.340	8.63	1.20	23.41	33.24	40.00	6.76	QP
2	95.960	10.59	1.39	27.32	39.30	43.50	4.20	QP
3	192.960	9.75	1.76	22.73	34.24	43.50	9.26	QP
4	241.460	12.35	1.95	21.71	36.01	46.00	9.99	QP
5	359.800	15.70	2.34	16.83	34.87	46.00	11.13	QP
6	408.300	17.03	2.48	14.47	33.98	46.00	12.02	QP

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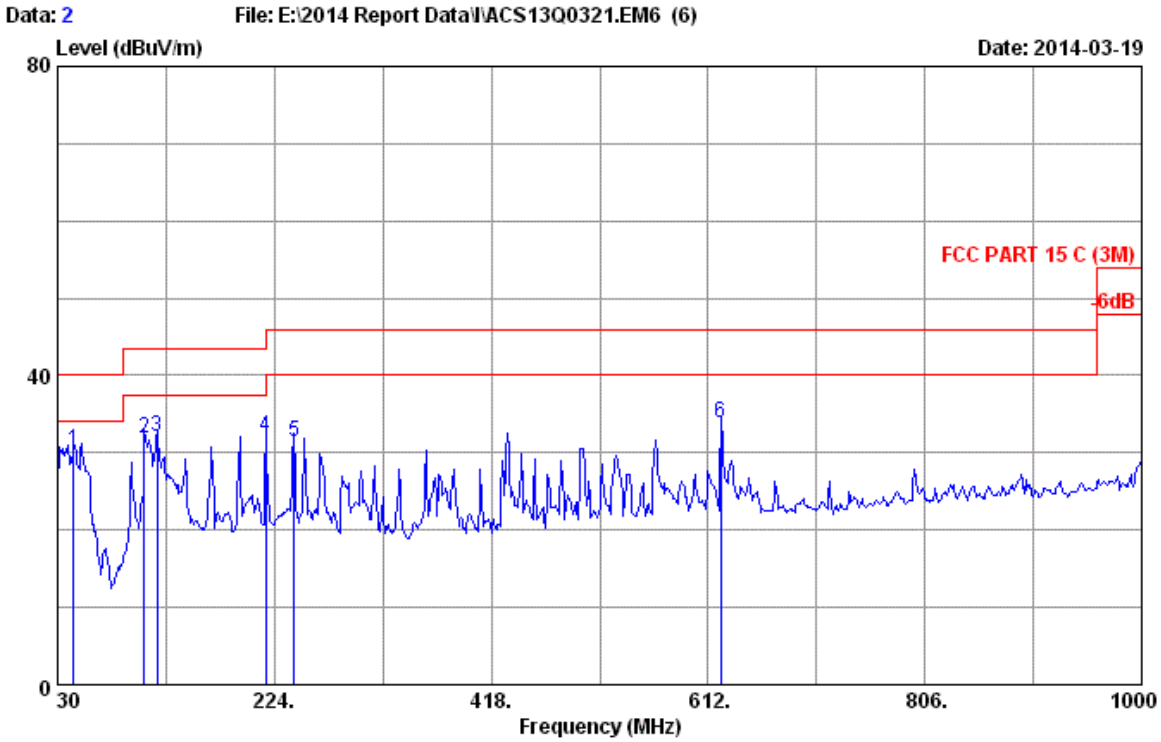
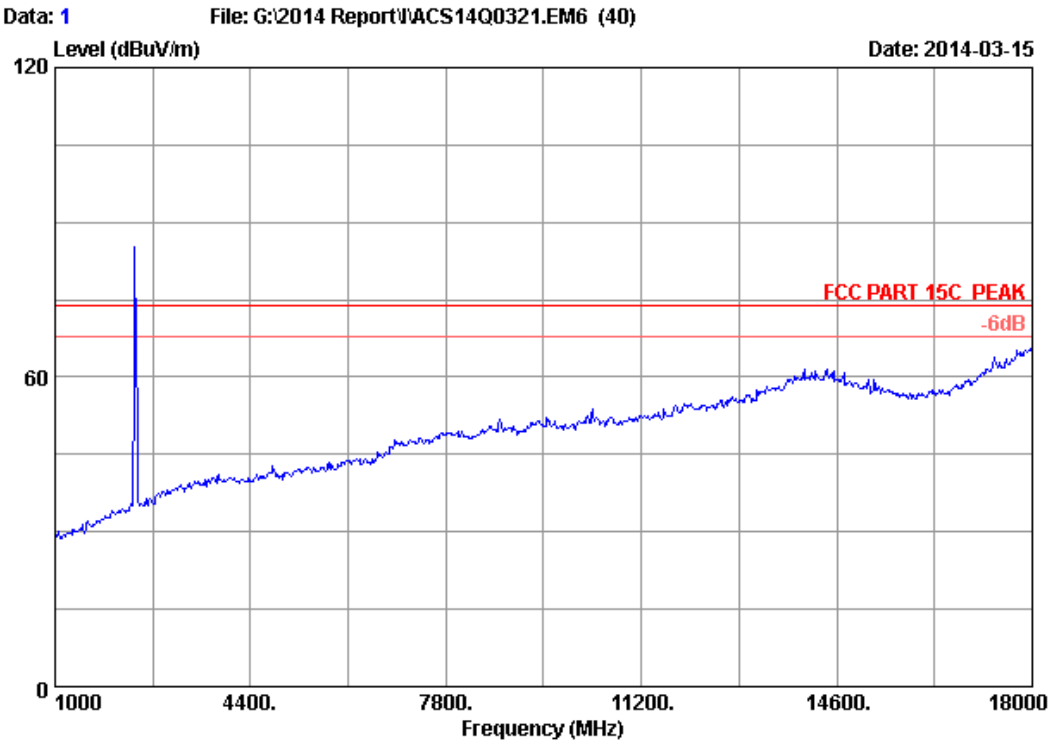


Site no. : 3m Chamber Data no. : 2
Dis. / Ant. : 3m 2013 CBL6112D 35375 Ant. pol. : VERTICAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 24*C/56% Engineer : Eric
EUT : Steno Keyboard Folio for iPad Air
Power rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : Tx Mode
M/N:IPD-337

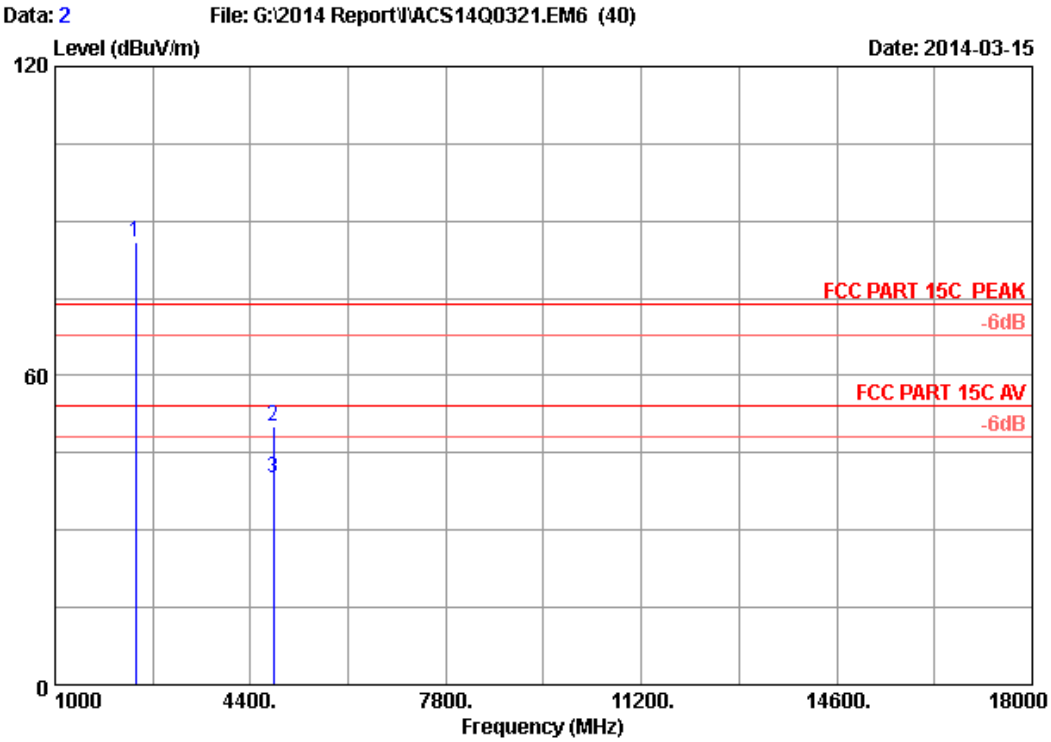
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	44.550	11.53	1.09	17.76	30.38	40.00	9.62	QP
2	107.600	12.08	1.44	18.36	31.88	43.50	11.62	QP
3	119.240	12.76	1.48	17.80	32.04	43.50	11.46	QP
4	216.240	10.41	1.85	19.72	31.98	46.00	14.02	QP
5	241.460	12.35	1.95	17.23	31.53	46.00	14.47	QP
6	623.640	19.45	3.10	11.26	33.81	46.00	12.19	QP

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

Frequency: 1GHz~18GHz



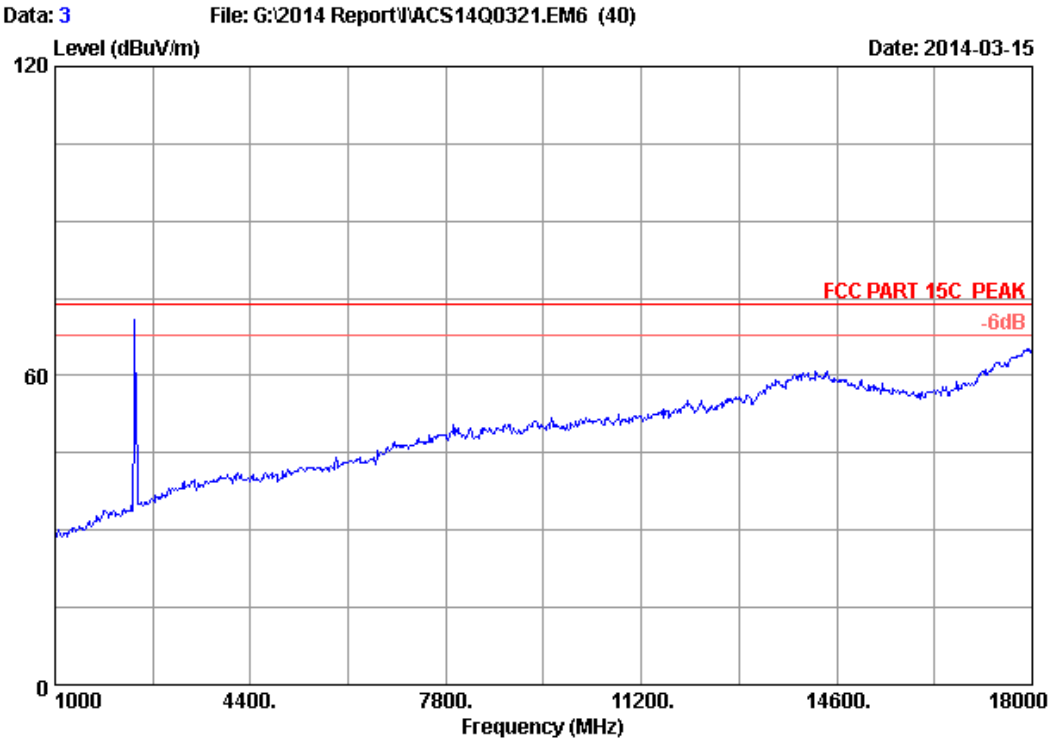

```
Site no.      : 3m Chamber                      Data no.   : 1
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Leo-Li
EUT           : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode     : GFSK 2402MHz Tx Mode
M/N           : IPD-337
```



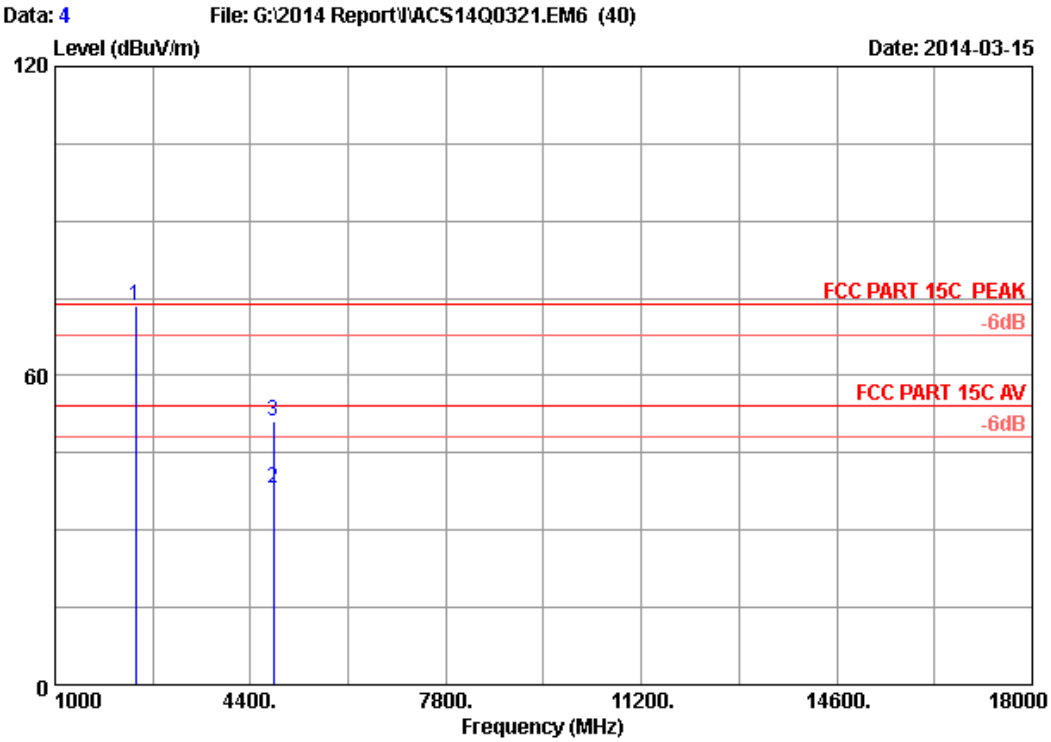
Site no. : 3m Chamber Data no. : 2
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : GFSK 2402MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2402.000	28.18	5.80	35.70	87.55	85.83	74.00	-11.83	Peak
2	4804.000	32.85	8.56	35.70	44.51	50.22	74.00	23.78	Peak
3	4804.000	32.85	8.56	35.70	34.47	40.18	54.00	13.82	Average

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



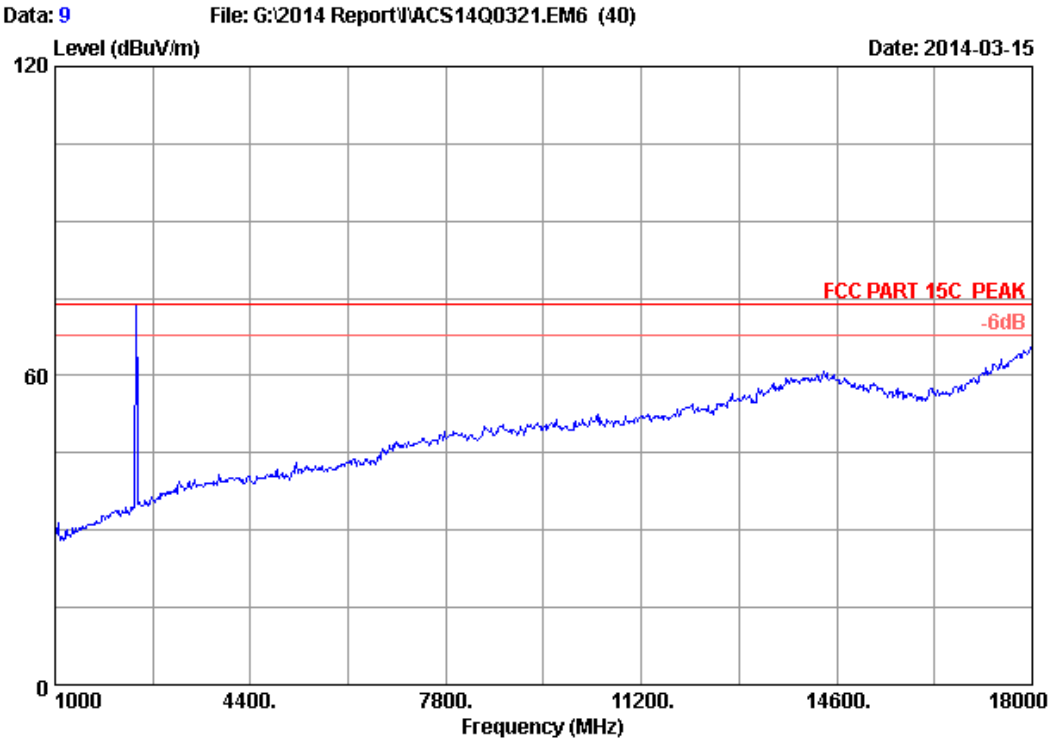

```
Site no.      : 3m Chamber                      Data no.   : 3
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Leo-Li
EUT           : Steno Keyboard Folio for iPad Air
Power Rating  : DC 5V From PC Input AC 120V/60Hz
Test Mode     : GFSK 2402MHz Tx Mode
M/N           : IPD-337
```



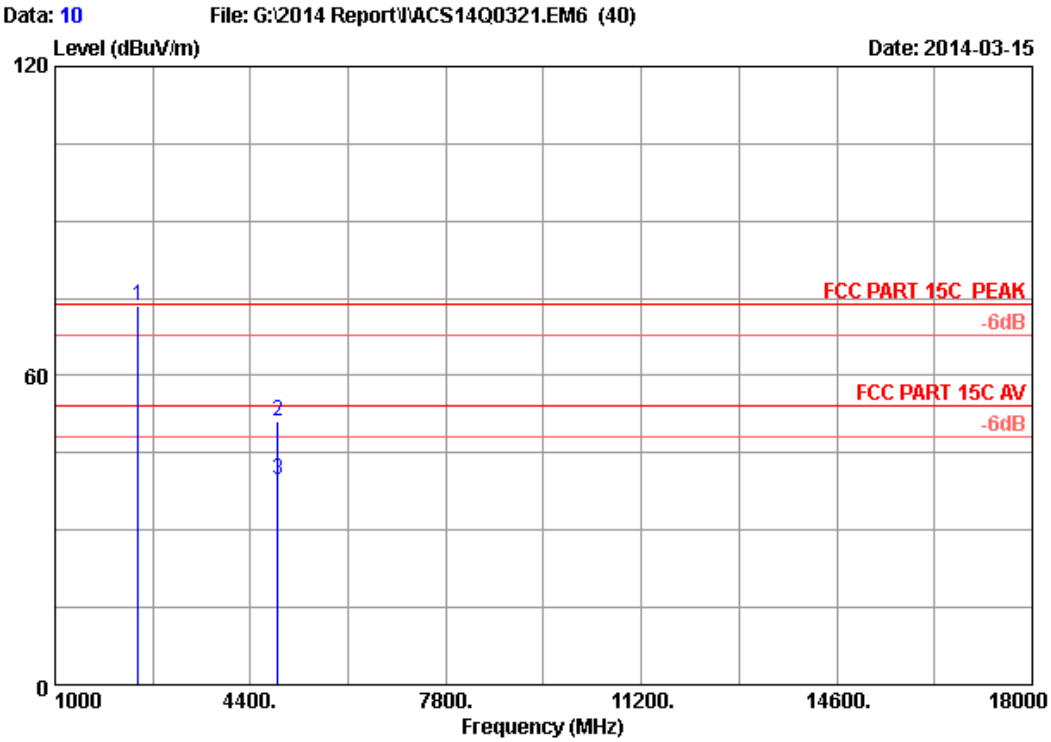
Site no. : 3m Chamber Data no. : 4
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : GFSK 2402MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2402.000	28.18	5.80	35.70	75.39	73.67	74.00	0.33	Peak
2	4804.000	32.85	8.56	35.70	32.34	38.05	54.00	15.95	Average
3	4804.000	32.85	8.56	35.70	45.31	51.02	74.00	22.98	Peak

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



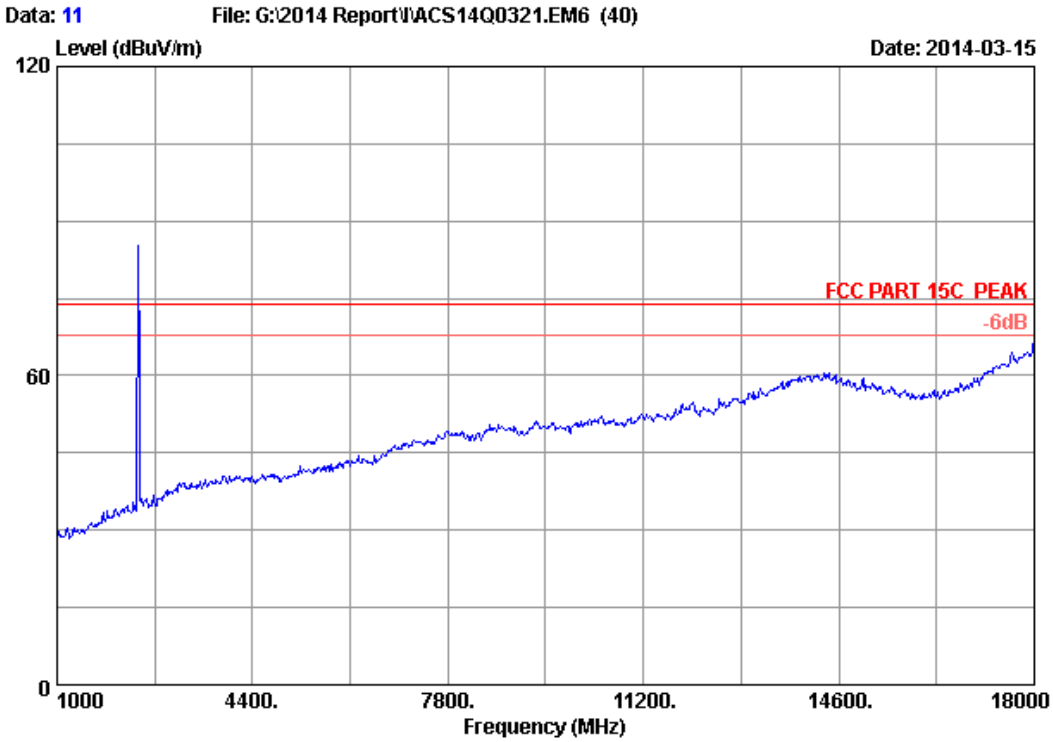

```
Site no.      : 3m Chamber                      Data no.   : 9
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Leo-Li
EUT           : Steno Keyboard Folio for iPad Air
Power Rating  : DC 5V From PC Input AC 120V/60Hz
Test Mode     : GFSK 2441MHz Tx Mode
M/N           : IPD-337
```



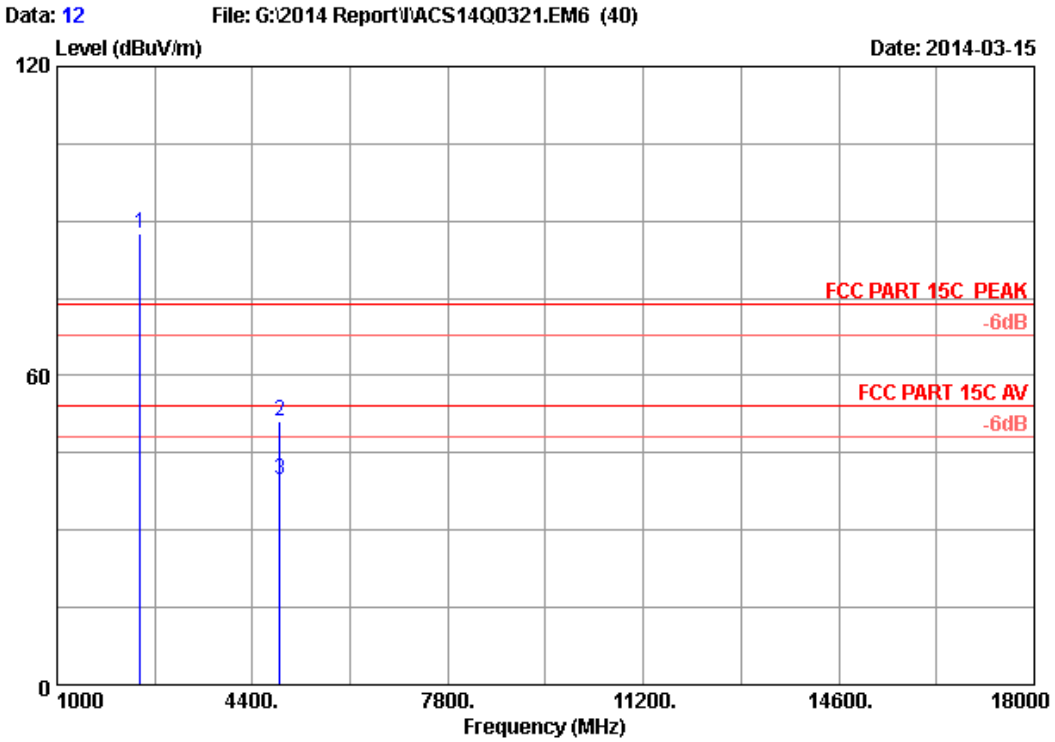
Site no. : 3m Chamber Data no. : 10
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : GFSK 2441MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2441.000	28.27	5.86	35.70	75.17	73.60	74.00	0.40	Peak
2	4882.000	32.99	8.64	35.70	45.27	51.20	74.00	22.80	Peak
3	4882.000	32.99	8.64	35.70	33.69	39.62	54.00	14.38	Average

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



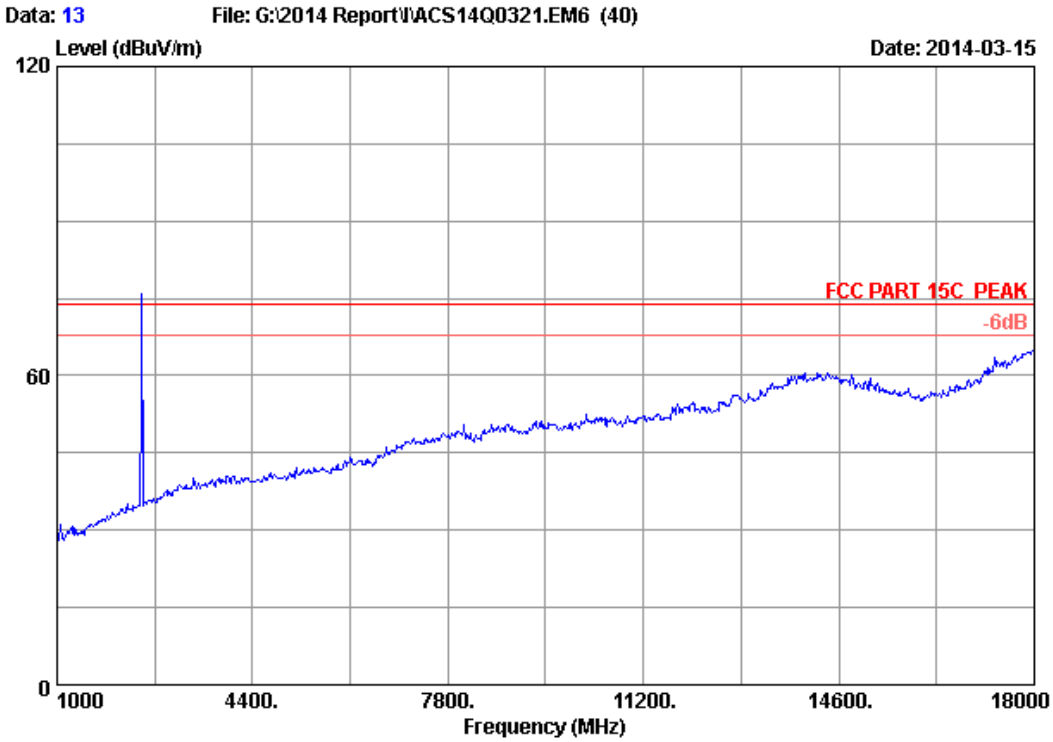

```
Site no.      : 3m Chamber                      Data no.   : 11
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Leo-Li
EUT           : Steno Keyboard Folio for iPad Air
Power Rating  : DC 5V From PC Input AC 120V/60Hz
Test Mode     : GFSK 2441MHz Tx Mode
M/N           : IPD-337
```



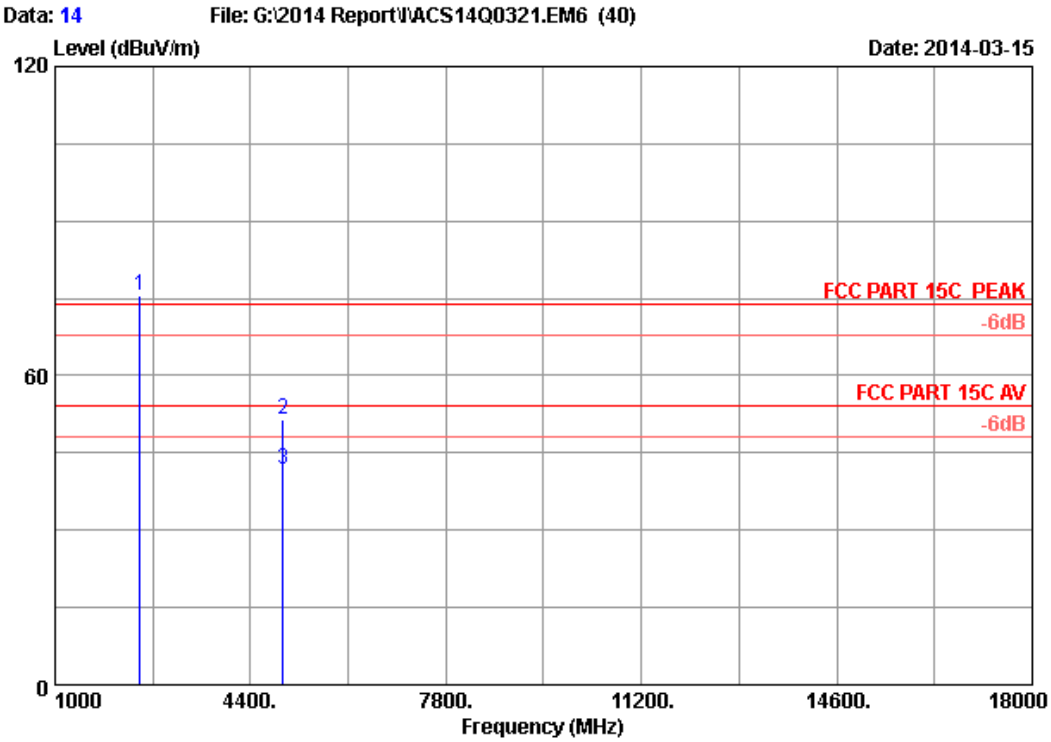
Site no. : 3m Chamber Data no. : 12
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : GFSK 2441MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2441.000	28.27	5.86	35.70	89.20	87.63	74.00	-13.63	Peak
2	4882.000	32.99	8.64	35.70	45.36	51.29	74.00	22.71	Peak
3	4882.000	32.99	8.64	35.70	33.71	39.64	54.00	14.36	Average

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



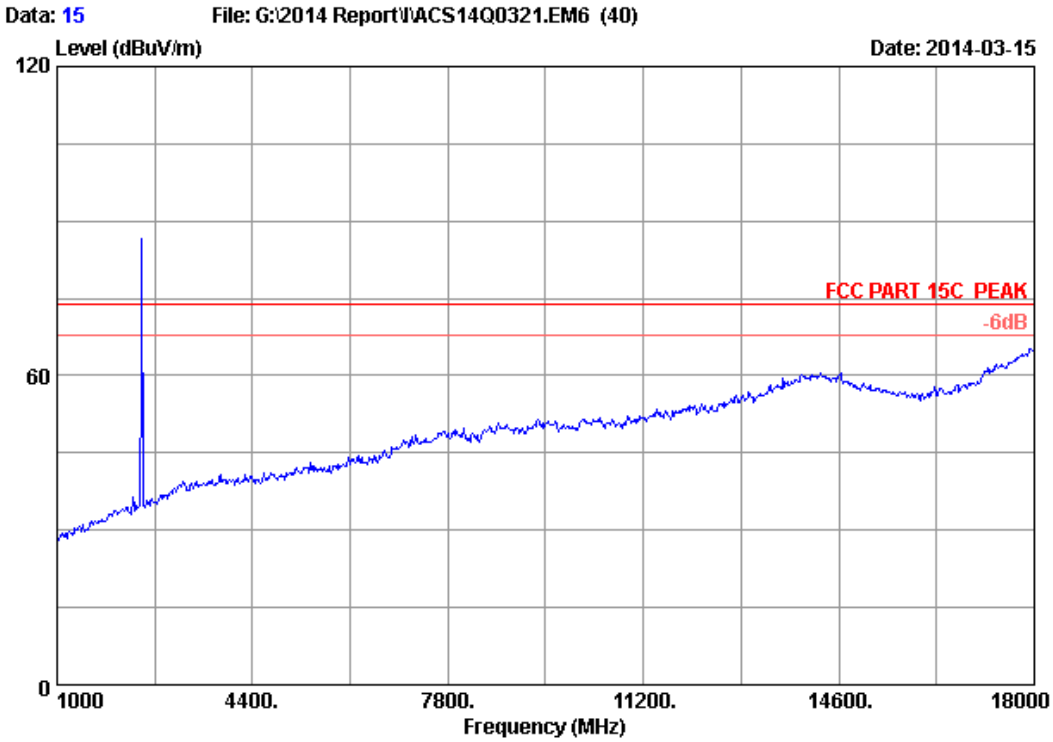

```
Site no.      : 3m Chamber                      Data no.   : 13
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Leo-Li
EUT           : Steno Keyboard Folio for iPad Air
Power Rating  : DC 5V From PC Input AC 120V/60Hz
Test Mode     : GFSK 2480MHz Tx Mode
M/N           : IPD-337
```



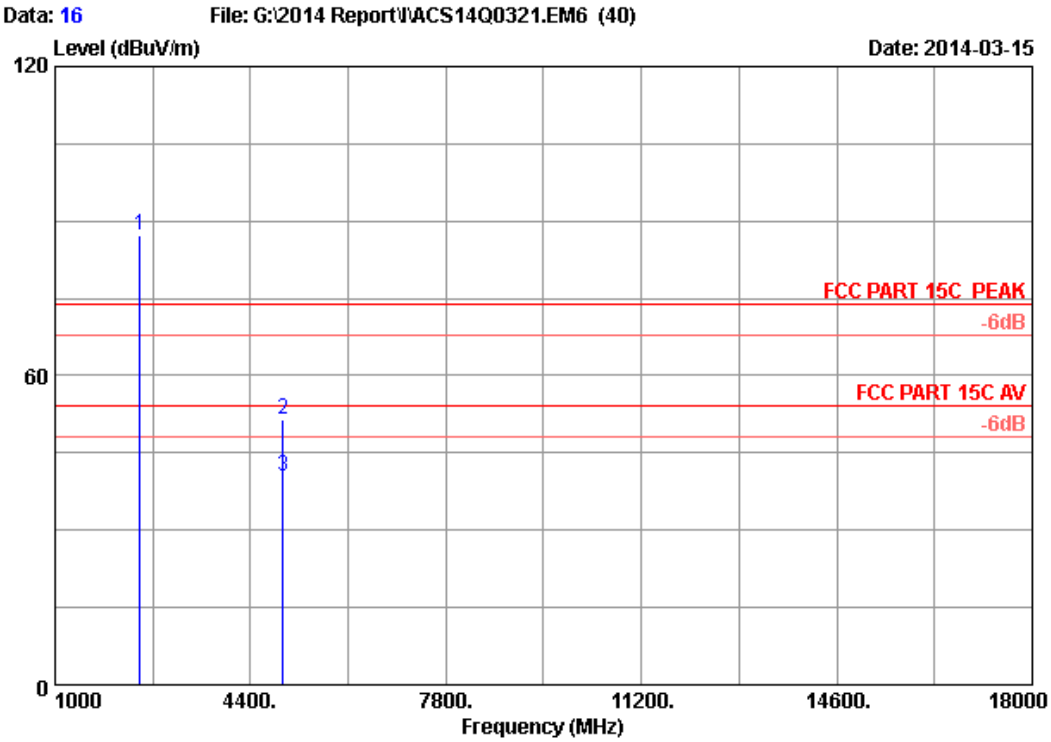
Site no. : 3m Chamber Data no. : 14
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : GFSK 2480MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2480.000	28.36	5.91	35.70	77.06	75.63	74.00	-1.63	Peak
2	4960.000	33.13	8.72	35.70	45.38	51.53	74.00	22.47	Peak
3	4960.000	33.13	8.72	35.70	35.62	41.77	54.00	12.23	Average

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



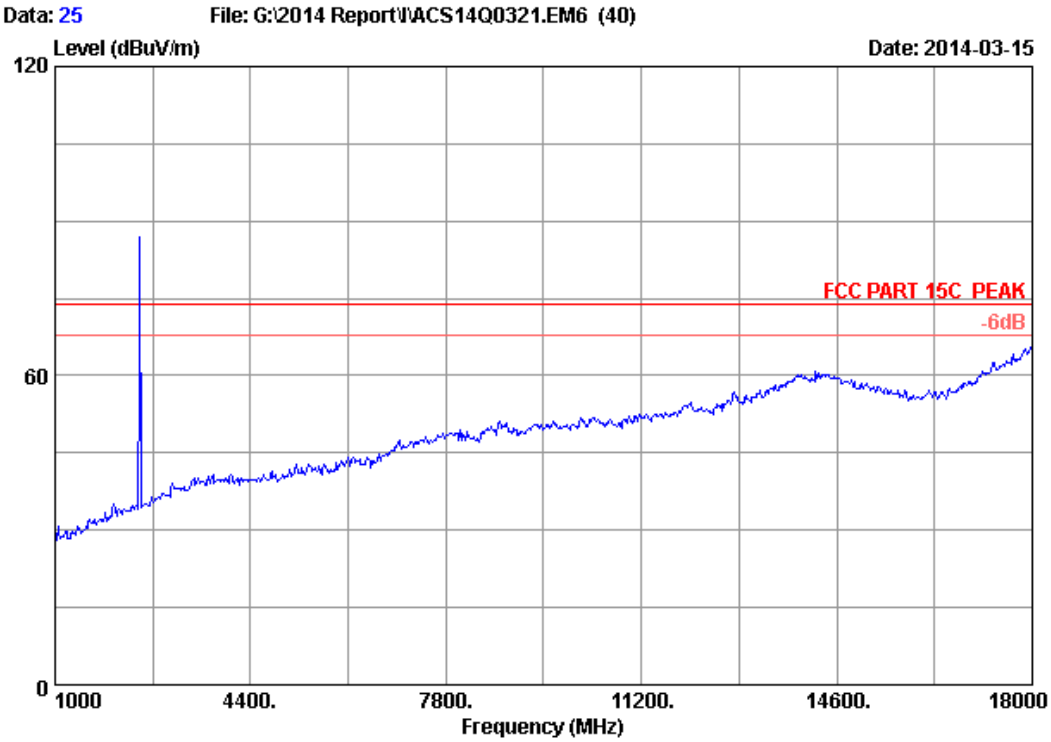

```
Site no.      : 3m Chamber                      Data no.   : 15
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Leo-Li
EUT           : Steno Keyboard Folio for iPad Air
Power Rating  : DC 5V From PC Input AC 120V/60Hz
Test Mode     : GFSK 2480MHz Tx Mode
M/N           : IPD-337
```



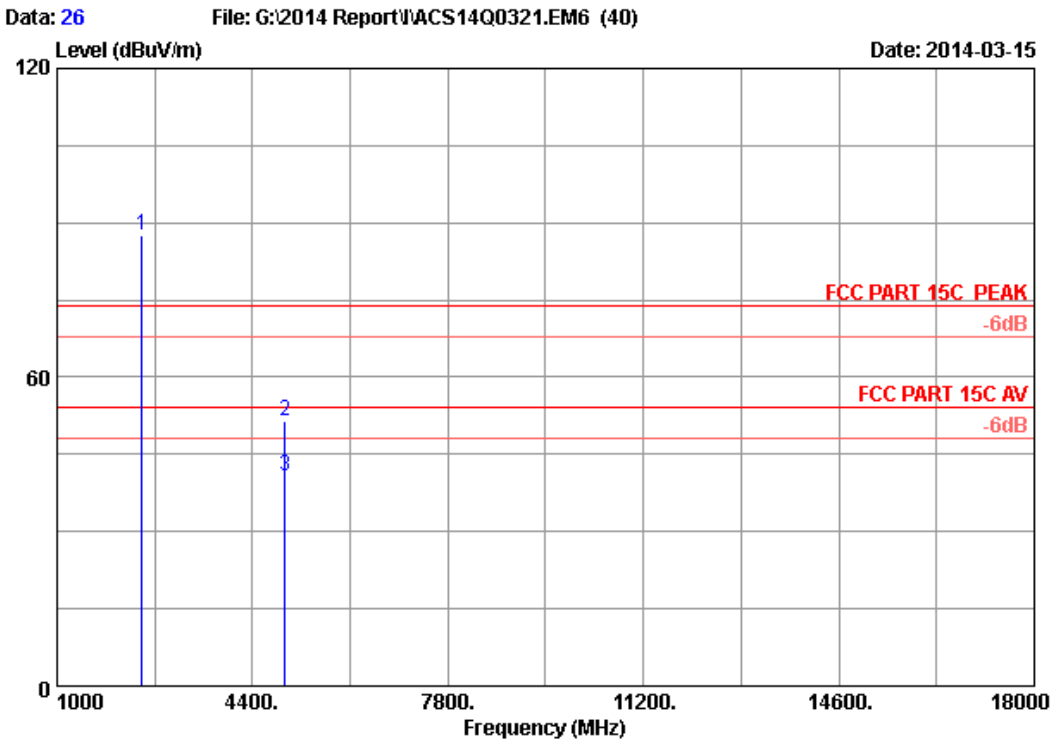
Site no. : 3m Chamber Data no. : 16
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : GFSK 2480MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2480.000	28.36	5.91	35.70	88.76	87.33	74.00	-13.33	Peak
2	4960.000	33.13	8.72	35.70	45.18	51.33	74.00	22.67	Peak
3	4960.000	33.13	8.72	35.70	34.28	40.43	54.00	13.57	Average

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



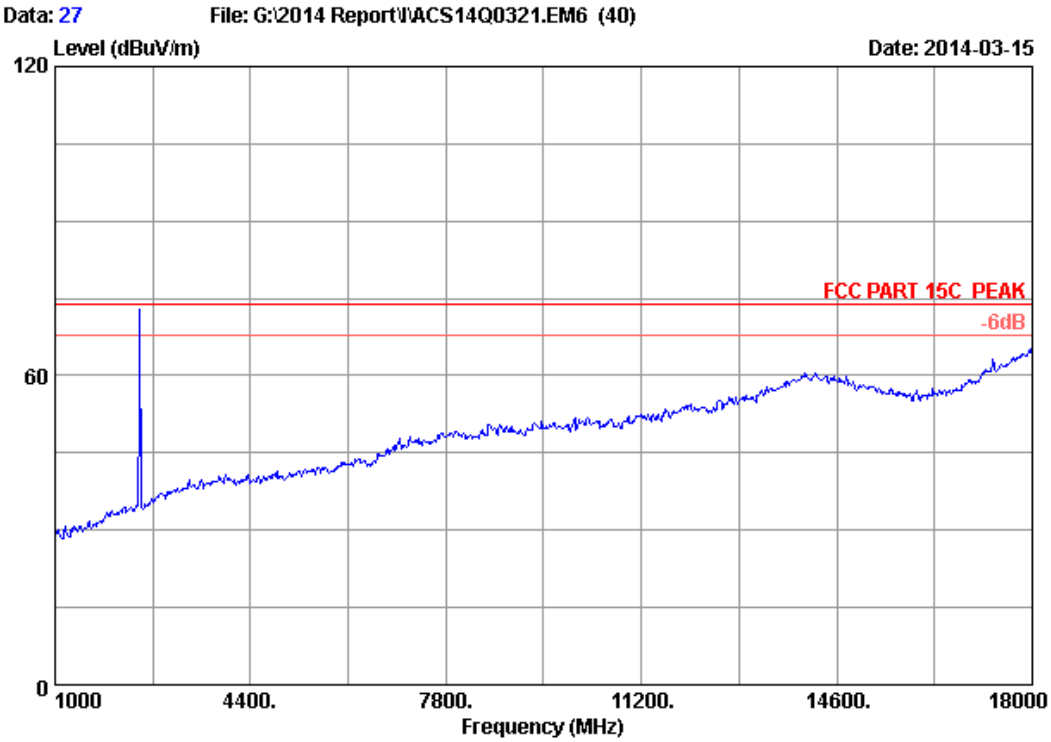

```
Site no.      : 3m Chamber                      Data no.   : 25
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Leo-Li
EUT           : Steno Keyboard Folio for iPad Air
Power Rating  : DC 5V From PC Input AC 120V/60Hz
Test Mode     : 8-DPSK 2480MHz Tx Mode
M/N           : IPD-337
```



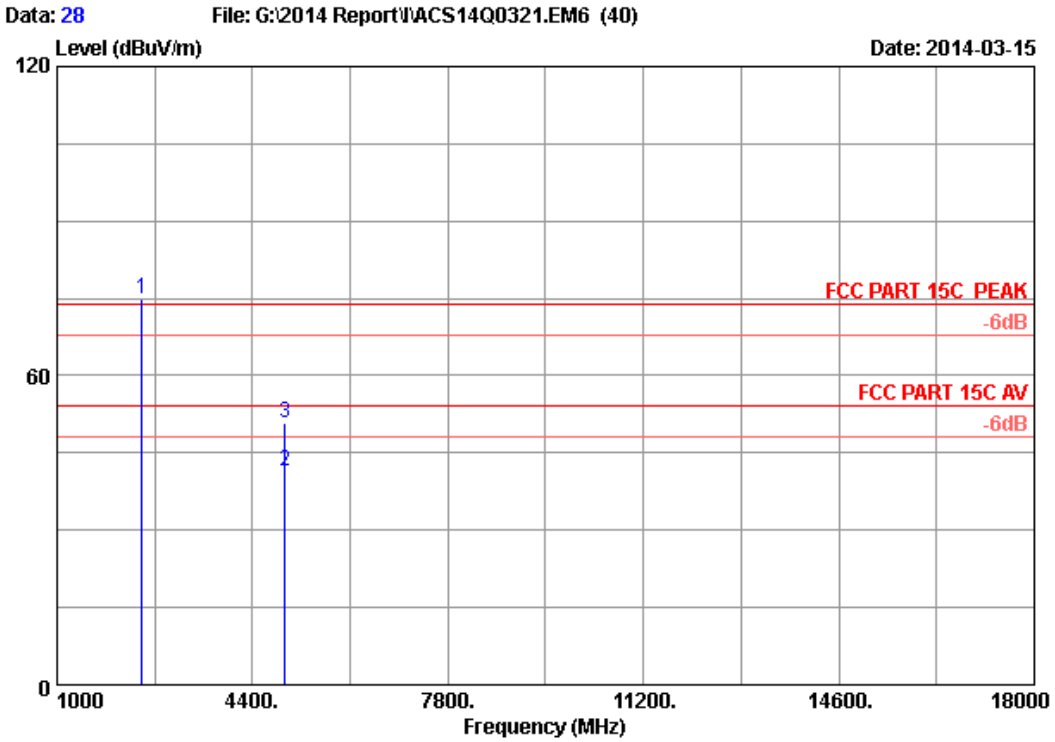
Site no. : 3m Chamber Data no. : 26
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : 8-DPSK 2480MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2480.000	28.36	5.91	35.70	89.03	87.60	74.00	-13.60	Peak
2	4960.000	33.13	8.72	35.70	45.34	51.49	74.00	22.51	Peak
3	4960.000	33.13	8.72	35.70	34.74	40.89	54.00	13.11	Average

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



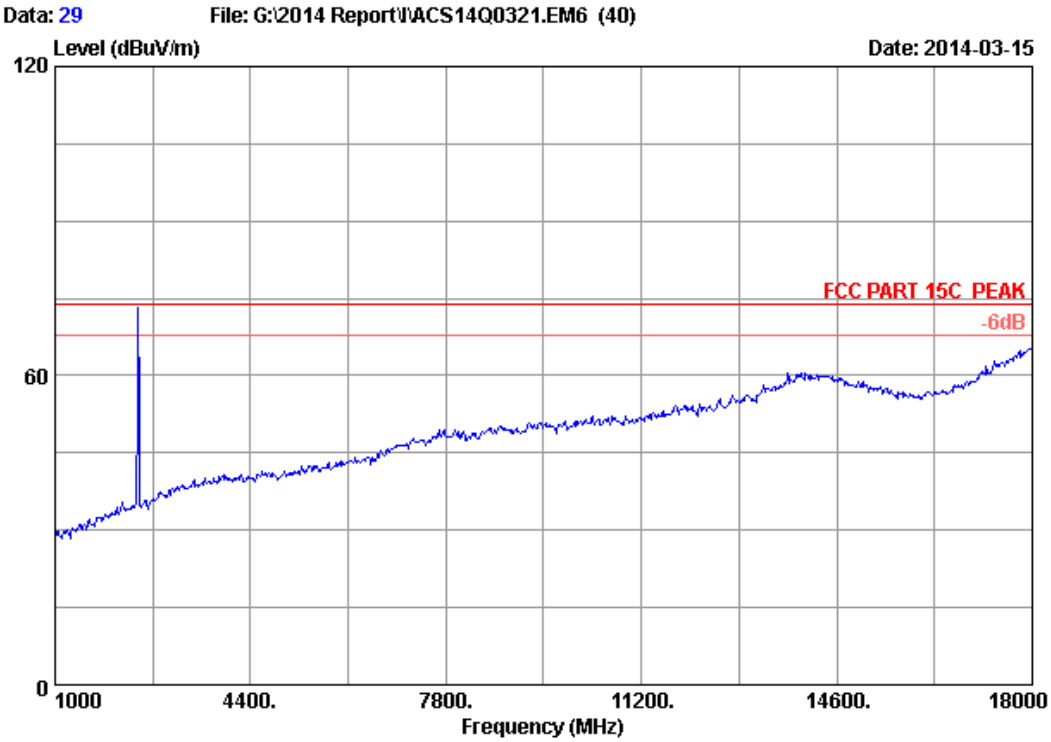

```
Site no.      : 3m Chamber                      Data no.   : 27
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Leo-Li
EUT           : Steno Keyboard Folio for iPad Air
Power Rating  : DC 5V From PC Input AC 120V/60Hz
Test Mode     : 8-DPSK 2480MHz Tx Mode
M/N           : IPD-337
```



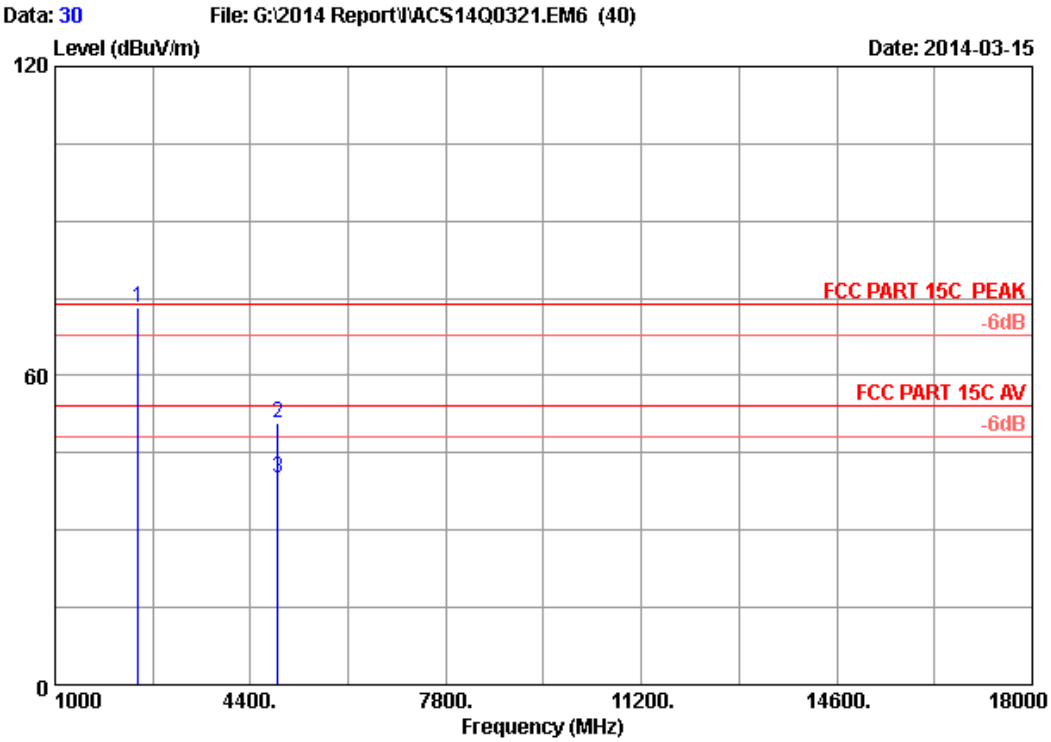
Site no. : 3m Chamber Data no. : 28
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : 8-DPSK 2480MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2480.000	28.36	5.91	35.70	76.47	75.04	74.00	-1.04	Peak
2	4960.000	33.13	8.72	35.70	35.31	41.46	54.00	12.54	Average
3	4960.000	33.13	8.72	35.70	44.50	50.65	74.00	23.35	Peak

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



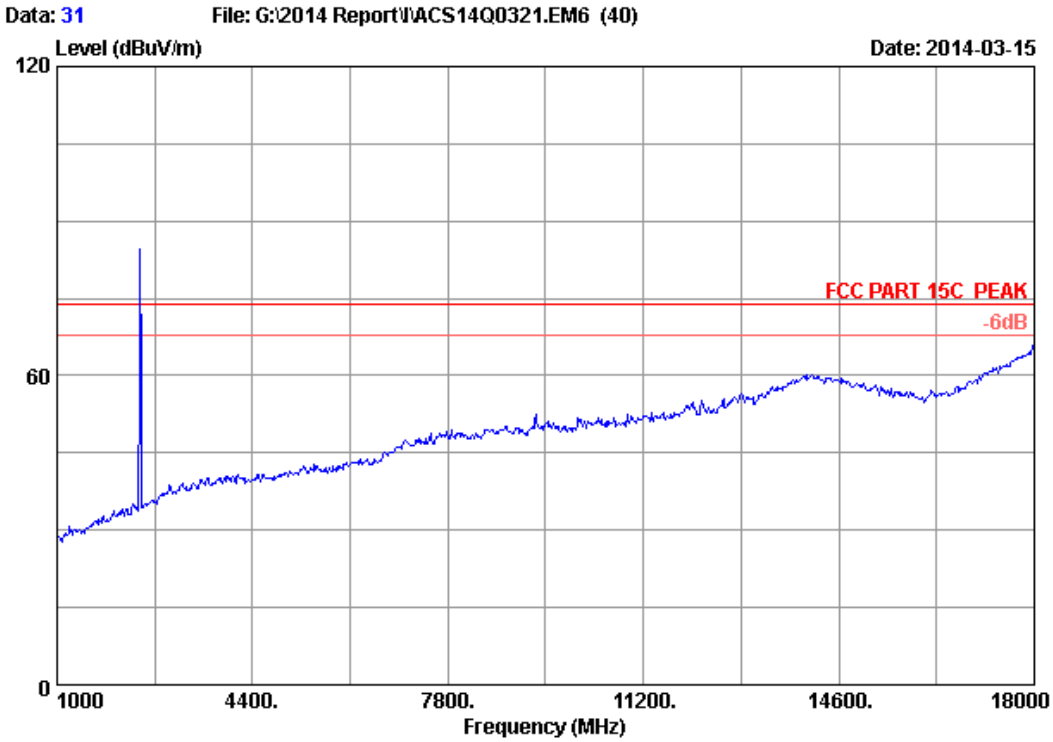

```
Site no.      : 3m Chamber                      Data no.   : 29
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Leo-Li
EUT           : Steno Keyboard Folio for iPad Air
Power Rating  : DC 5V From PC Input AC 120V/60Hz
Test Mode     : 8-DPSK 2441MHz Tx Mode
M/N           : IPD-337
```



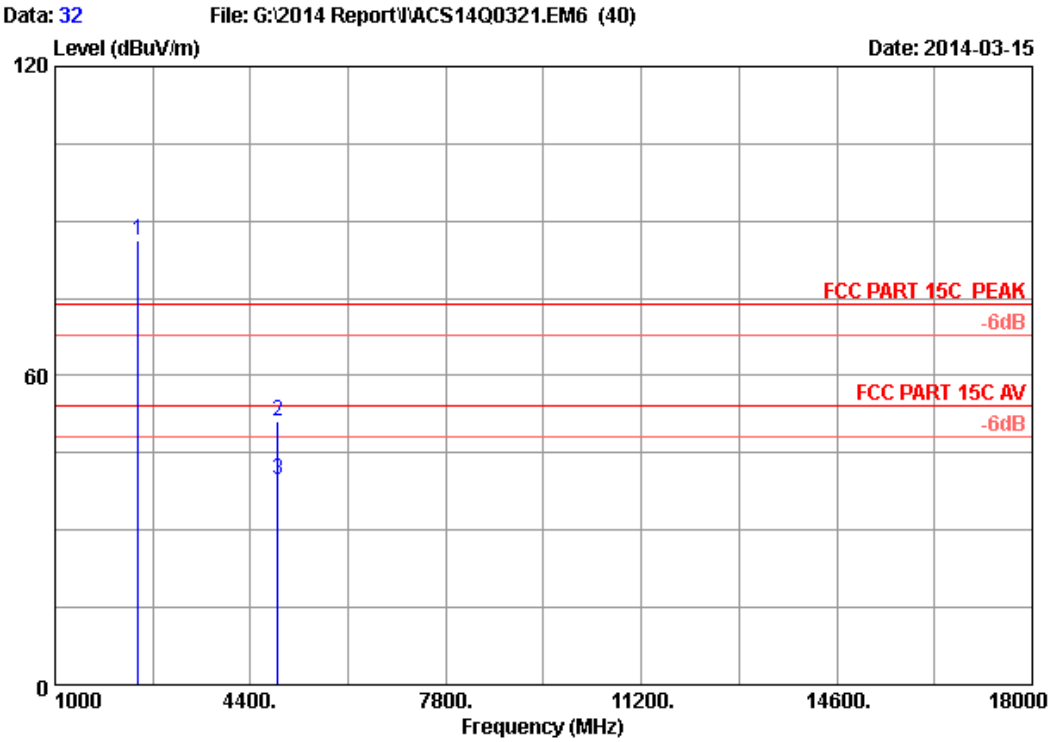
Site no. : 3m Chamber Data no. : 30
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : 8-DPSK 2441MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2441.000	28.27	5.86	35.70	74.88	73.31	74.00	0.69	Peak
2	4882.000	32.99	8.64	35.70	44.76	50.69	74.00	23.31	Peak
3	4882.000	32.99	8.64	35.70	34.21	40.14	54.00	13.86	Average

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



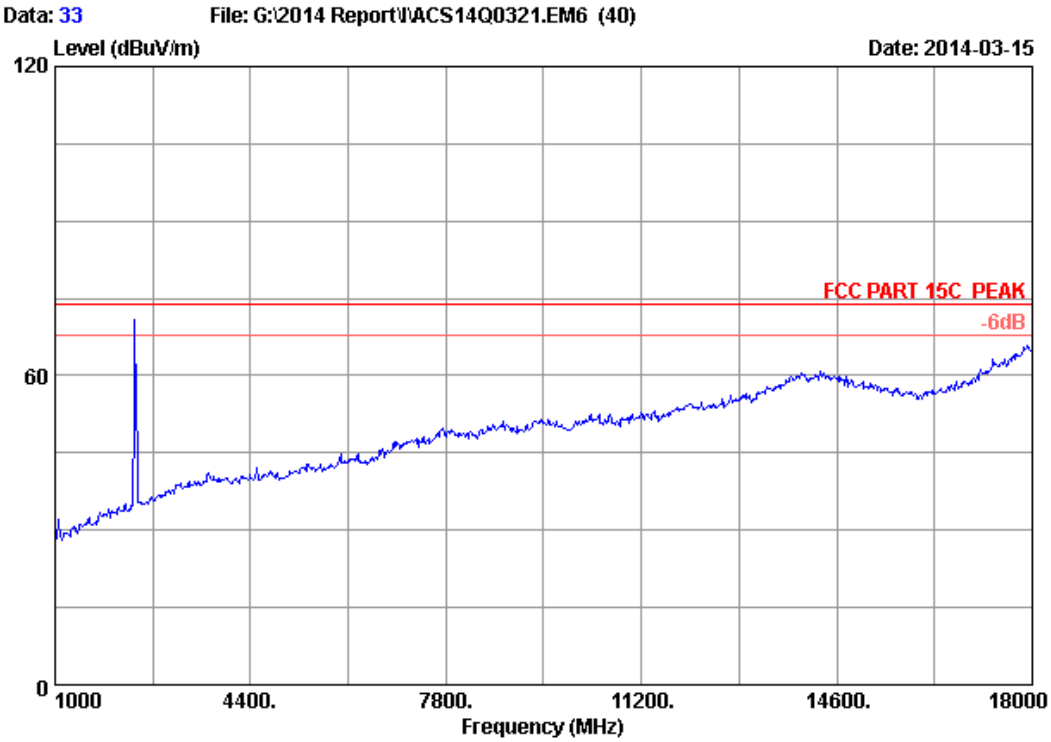

```
Site no.      : 3m Chamber                      Data no.   : 31
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Leo-Li
EUT           : Steno Keyboard Folio for iPad Air
Power Rating  : DC 5V From PC Input AC 120V/60Hz
Test Mode     : 8-DPSK 2441MHz Tx Mode
M/N           : IPD-337
```



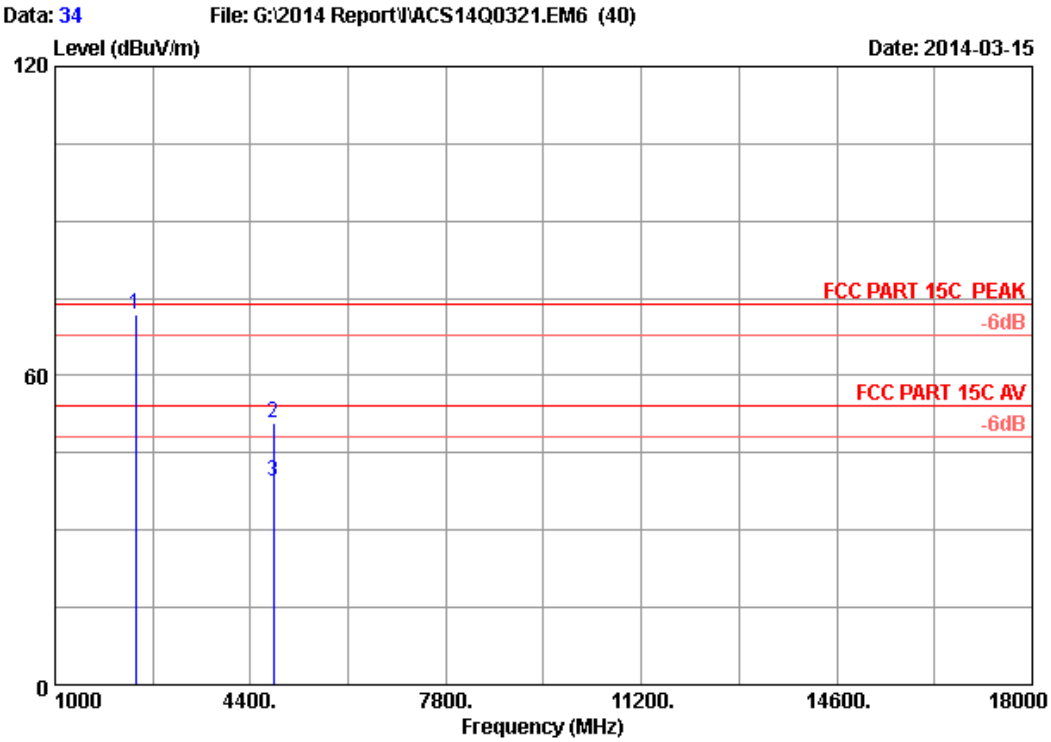
Site no. : 3m Chamber Data no. : 32
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : 8-DPSK 2441MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2441.000	28.27	5.86	35.70	87.69	86.12	74.00	-12.12	Peak
2	4882.000	32.99	8.64	35.70	45.32	51.25	74.00	22.75	Peak
3	4882.000	32.99	8.64	35.70	33.99	39.92	54.00	14.08	Average

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



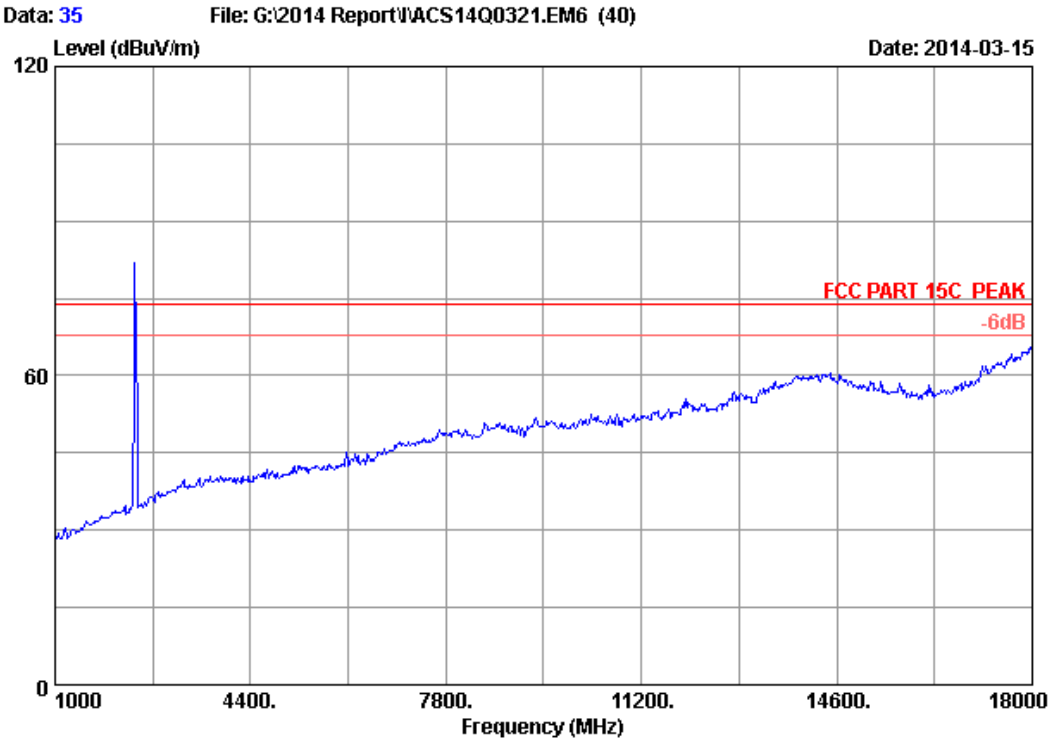

```
Site no.      : 3m Chamber                      Data no.   : 33
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Leo-Li
EUT           : Steno Keyboard Folio for iPad Air
Power Rating  : DC 5V From PC Input AC 120V/60Hz
Test Mode     : 8-DPSK 2402MHz Tx Mode
M/N           : IPD-337
```



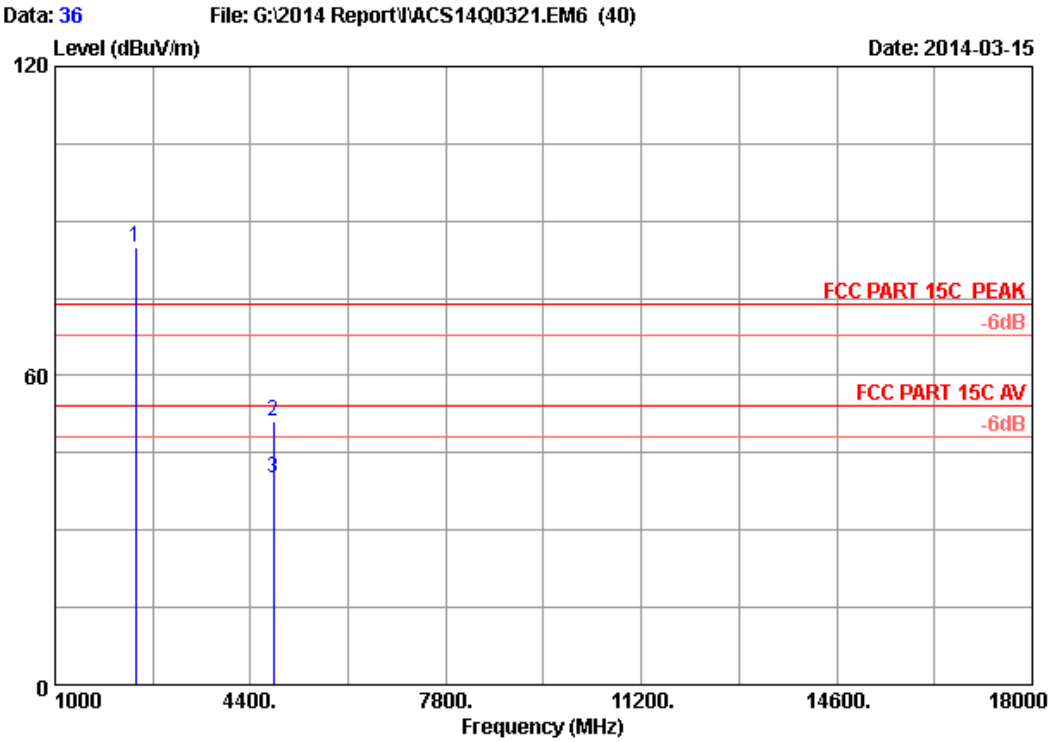
Site no. : 3m Chamber Data no. : 34
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : 8-DPSK 2402MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2402.000	28.18	5.80	35.70	73.74	72.02	74.00	1.98	Peak
2	4804.000	32.85	8.56	35.70	45.12	50.83	74.00	23.17	Peak
3	4804.000	32.85	8.56	35.70	33.68	39.39	54.00	14.61	Average

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




```
Site no.      : 3m Chamber                      Data no.   : 35
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Leo-Li
EUT           : Steno Keyboard Folio for iPad Air
Power Rating  : DC 5V From PC Input AC 120V/60Hz
Test Mode     : 8-DPSK 2402MHz Tx Mode
M/N           : IPD-337
```



Site no. : 3m Chamber Data no. : 36
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : 8-DPSK 2402MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2402.000	28.18	5.80	35.70	86.75	85.03	74.00	-11.03	Peak
2	4804.000	32.85	8.56	35.70	45.39	51.10	74.00	22.90	Peak
3	4804.000	32.85	8.56	35.70	34.46	40.17	54.00	13.83	Average

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

5. CONDUCTED SPURIOUS EMISSIONS

5.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	Agilent	N9030A	MY51380221	Oct.31, 13	1Year
2.	Attenuator	Agilent	8491B	MY39262165	May.08,13	1 Year
3.	RF Cable	Hubersuhner	SUCOFLEX102	28618/2	May.08,13	1Year

5.2. Limit

In any 100kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator in operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power.

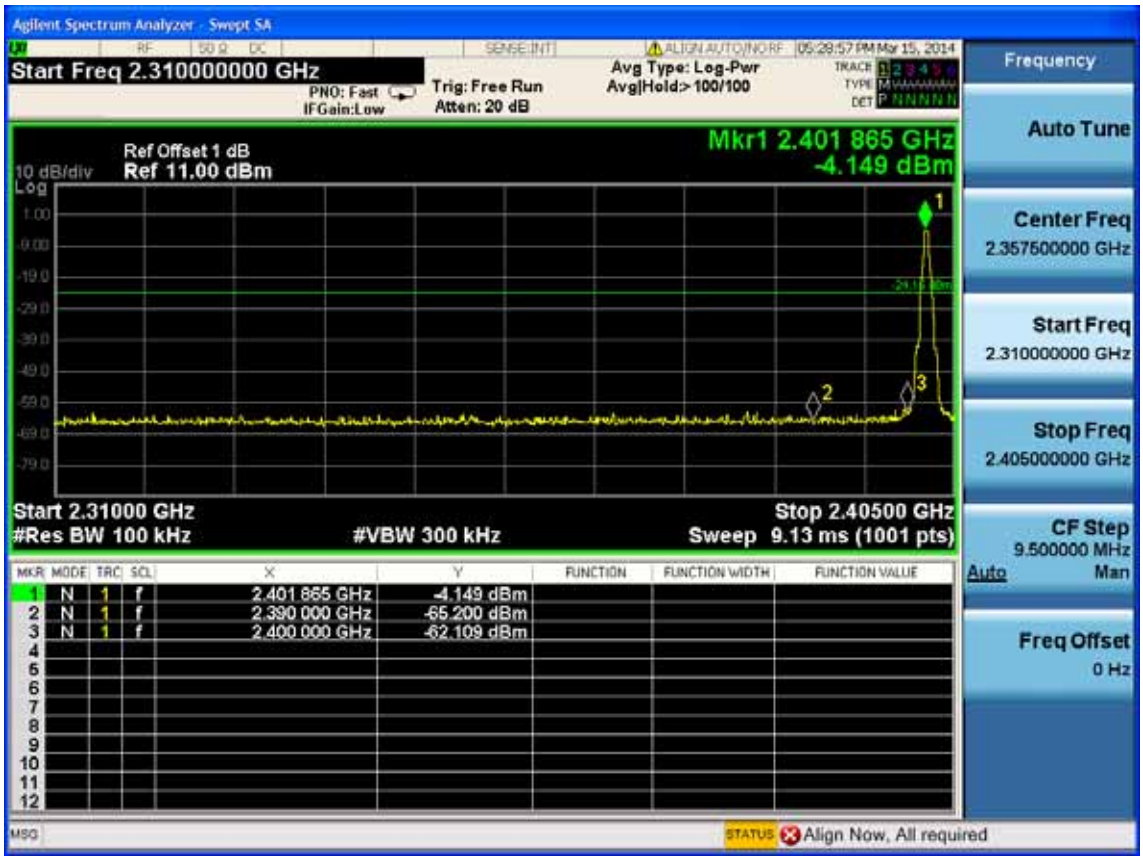
5.3. Test Procedure

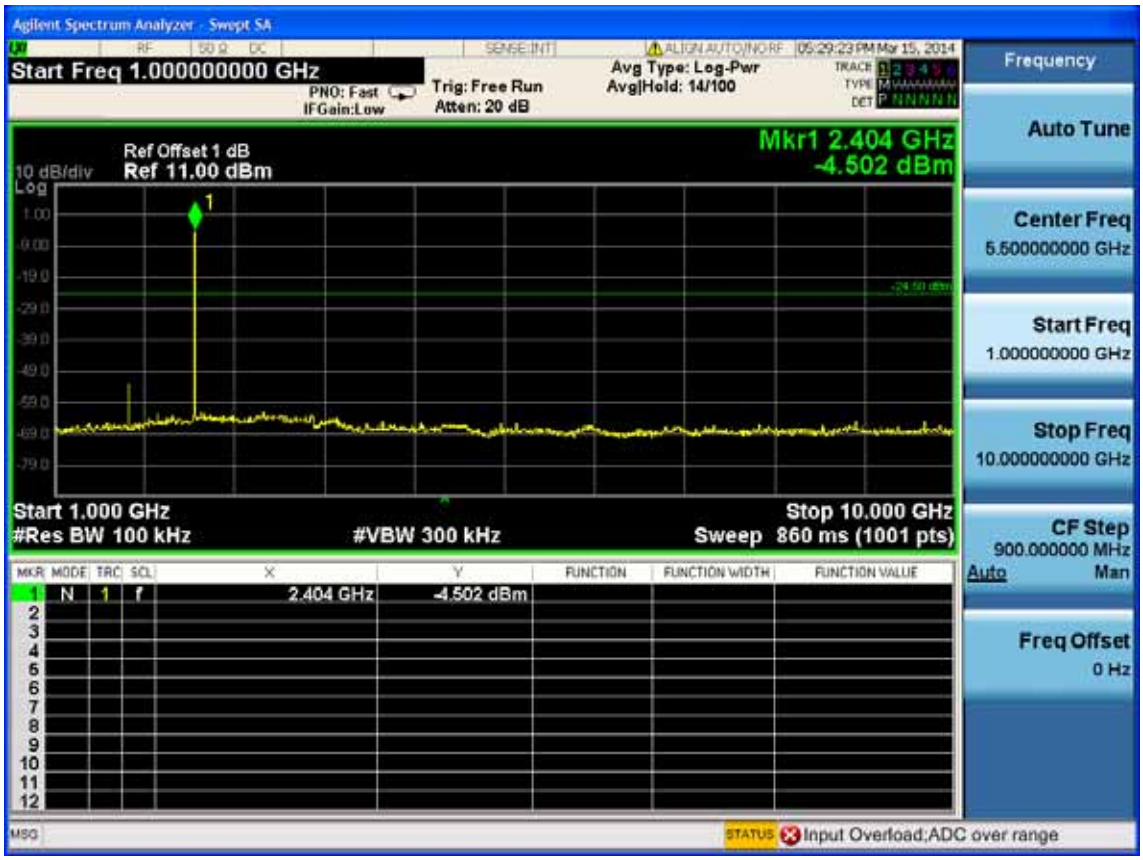
The transmitter output was connected to a spectrum analyzer, The resolution bandwidth is set to 100 kHz, The video bandwidth is set to 300 kHz and measure all the emissions detected.

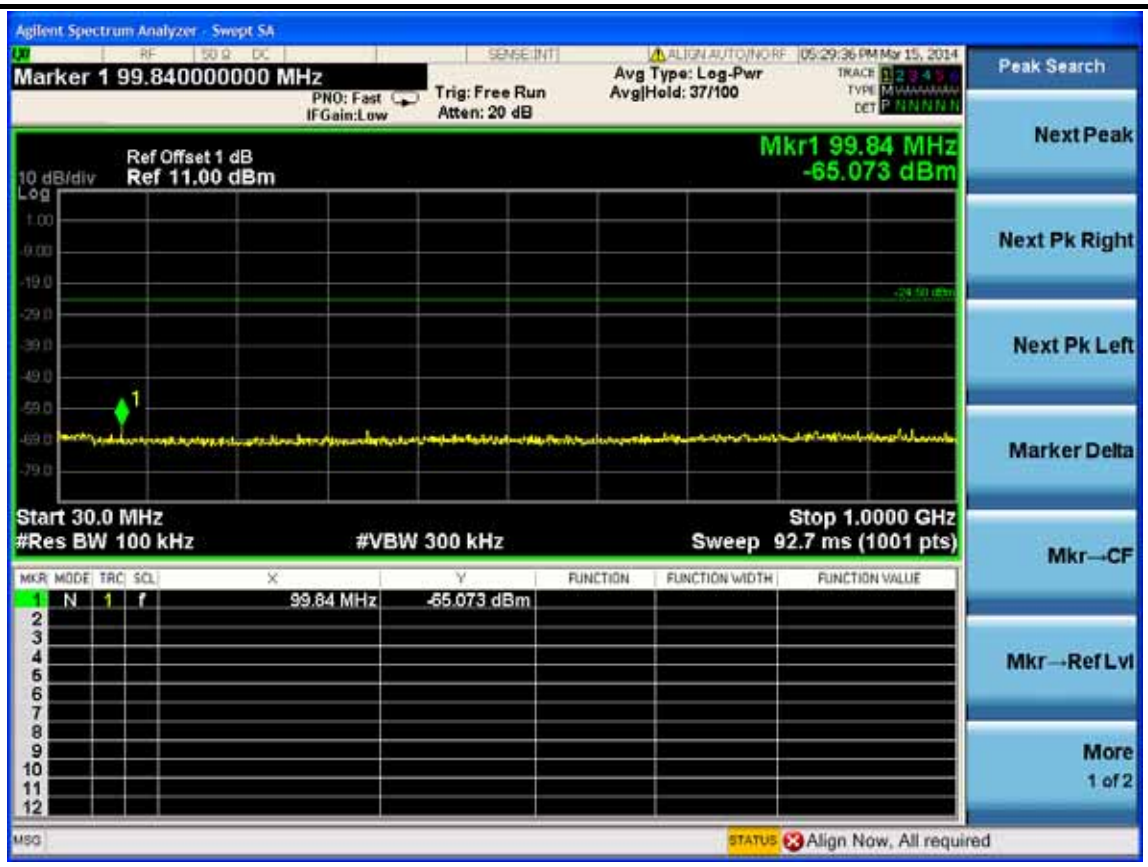
5.4. Test result

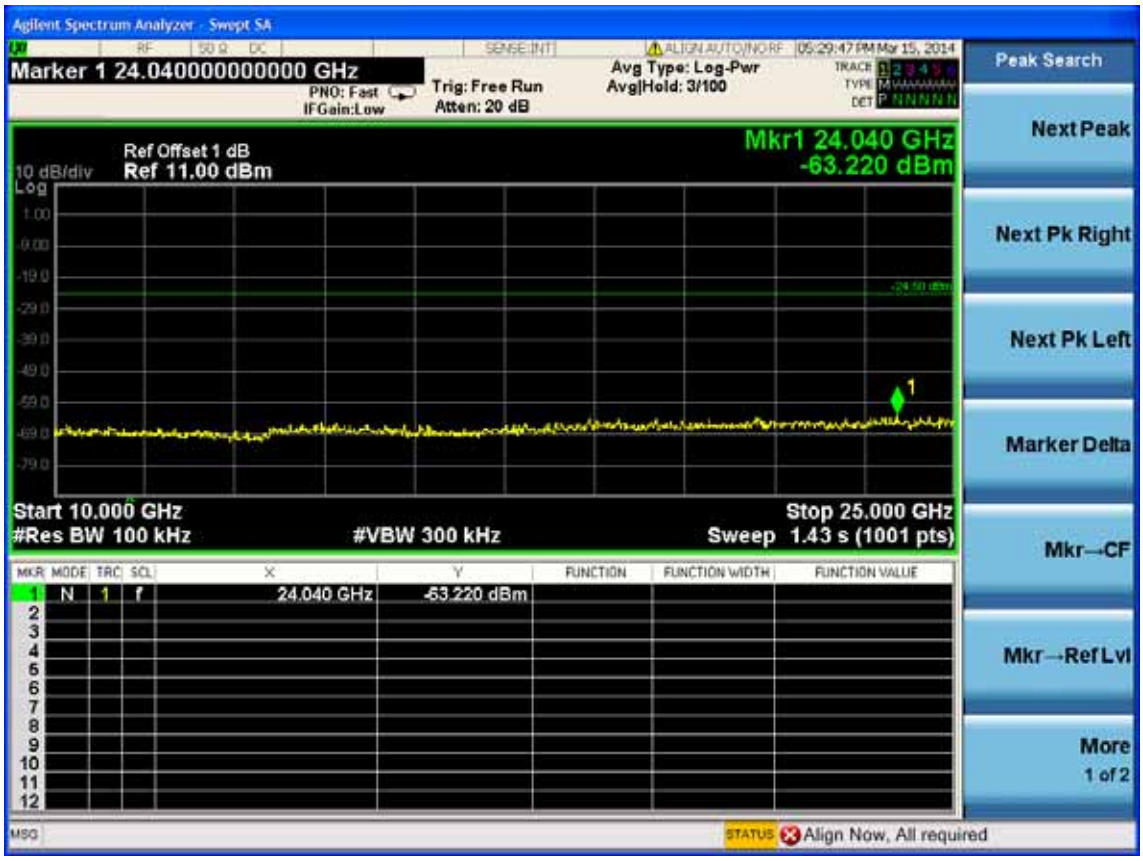
PASS (The testing data was attached in the next pages.)

Hopping off
GFSK
2402MHz

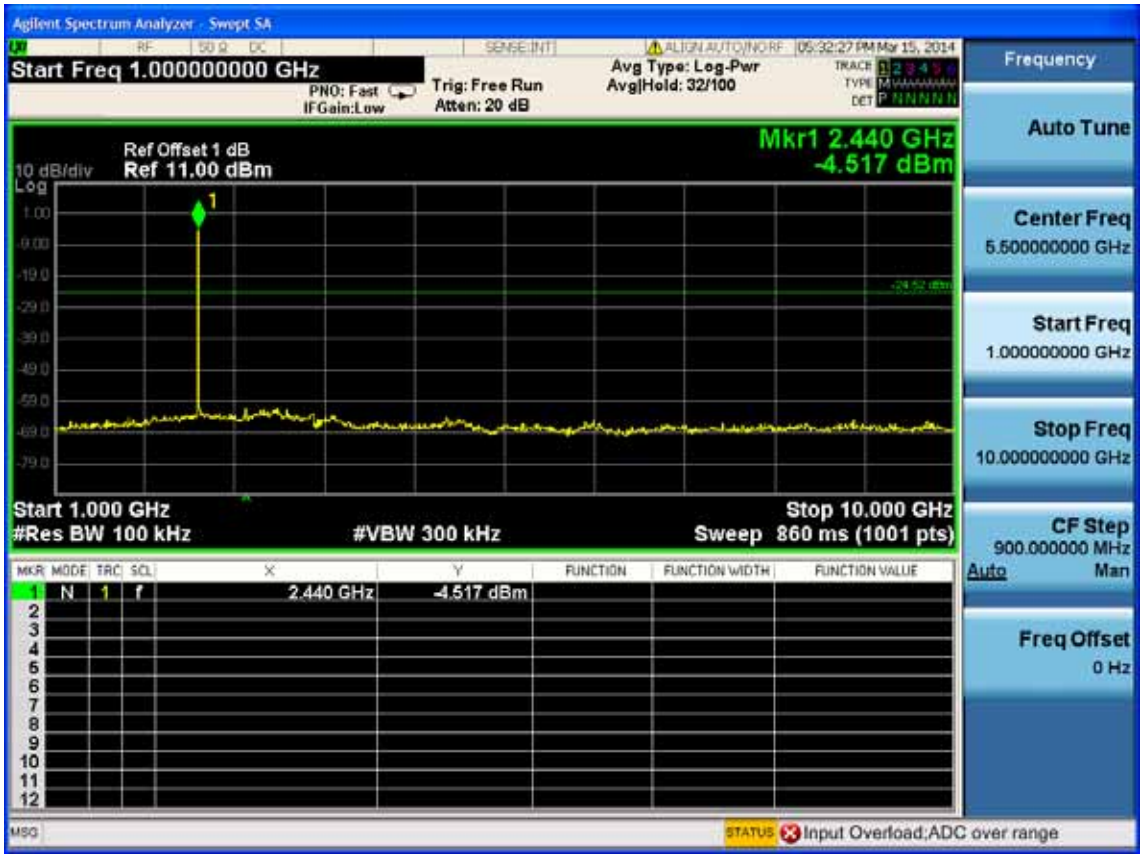


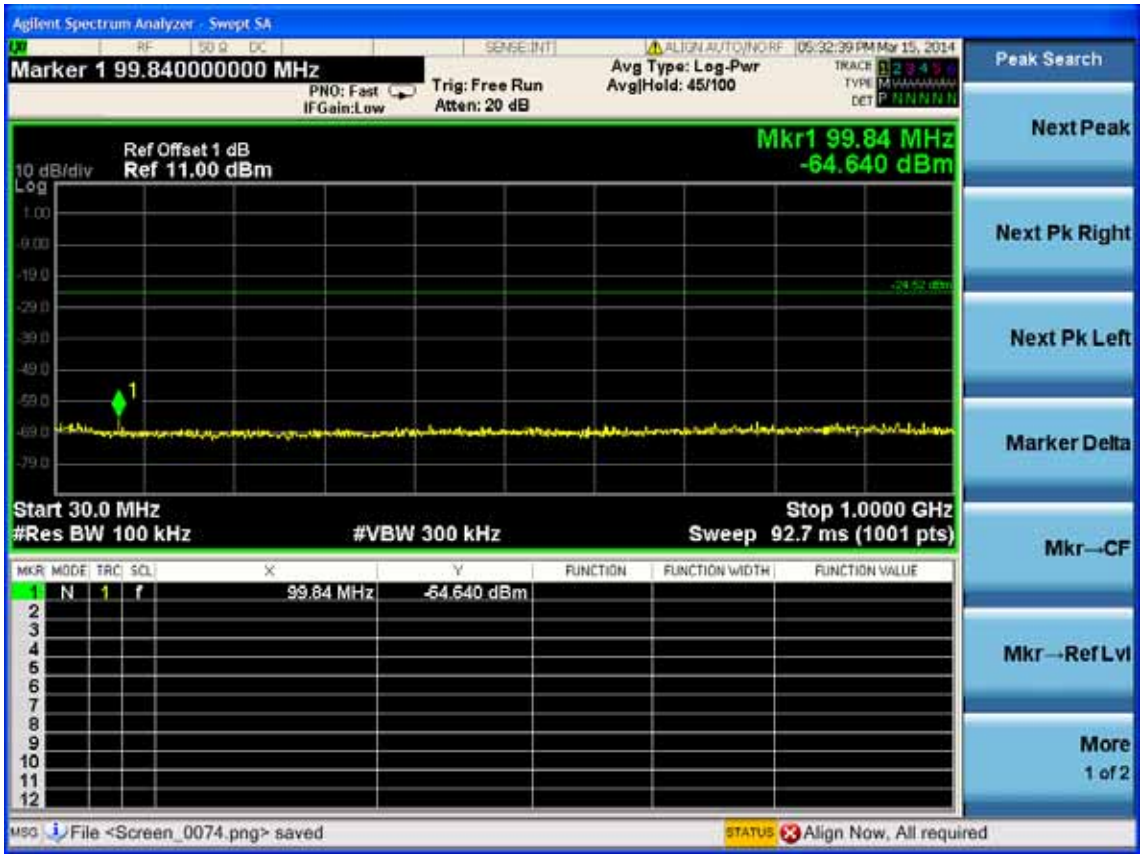


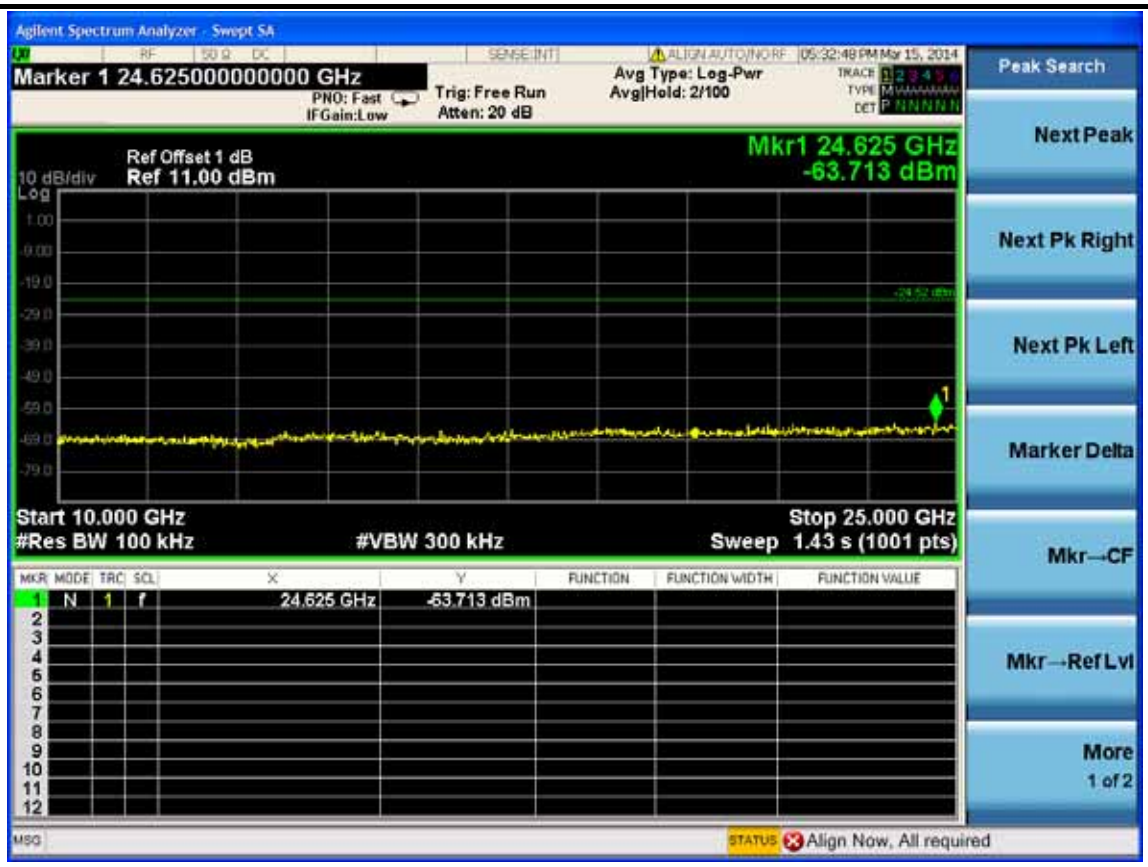

Agilent Spectrum Analyzer - Swept SA
Marker 1 99.840000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 37/100
05:29:36 PM May 15, 2014
Ref Offset 1 dB
10 dB/div
Log
Ref 11.00 dBm
Mkr1 99.84 MHz
-65.073 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 92.7 ms (1001 pts)
1 N 1 f 99.84 MHz -65.073 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2
Align Now, All required


Agilent Spectrum Analyzer - Swept SA
Marker 1 24.040000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 3/100
05:29:47 PM May 15, 2014
Ref Offset 1 dB
10 dB/div
Log
Ref 11.00 dBm
Mkr1 24.040 GHz
-63.220 dBm
Start 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 25.000 GHz
Sweep 1.43 s (1001 pts)
1 N 1 f 24.040 GHz -63.220 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2
Align Now, All required

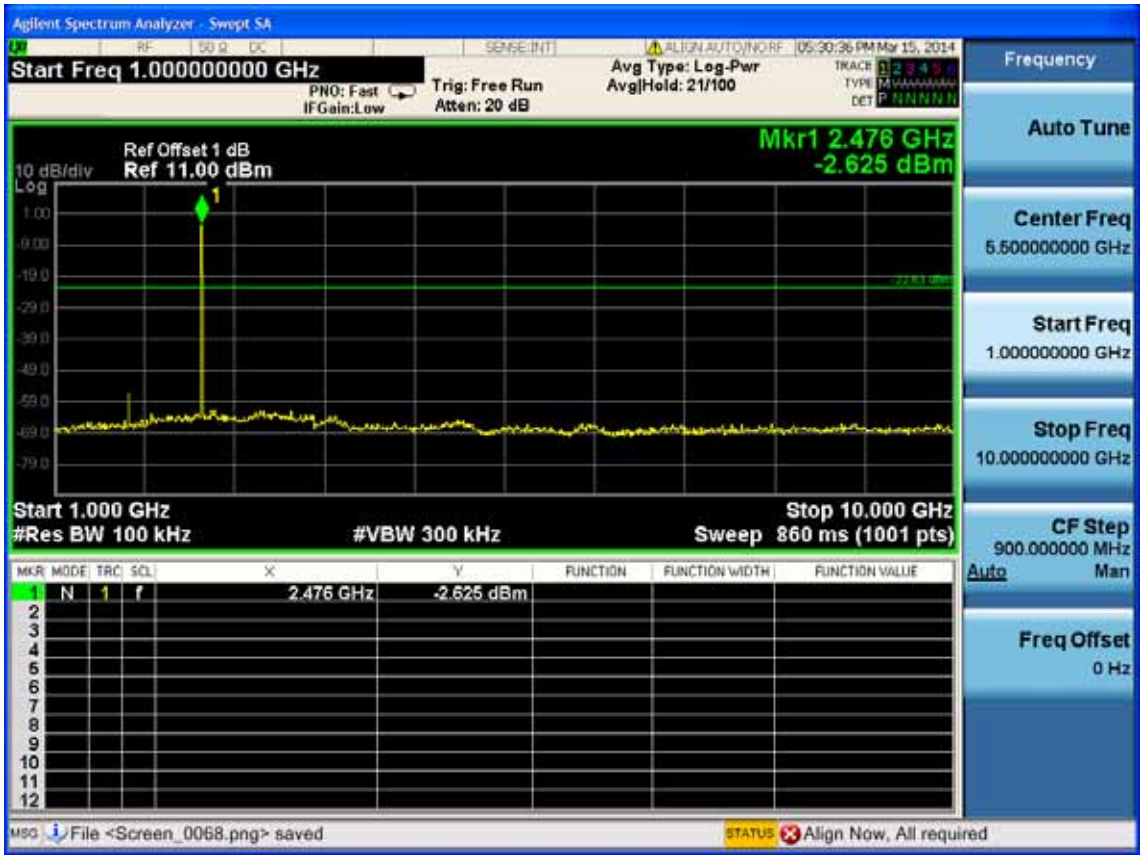
2441MHz

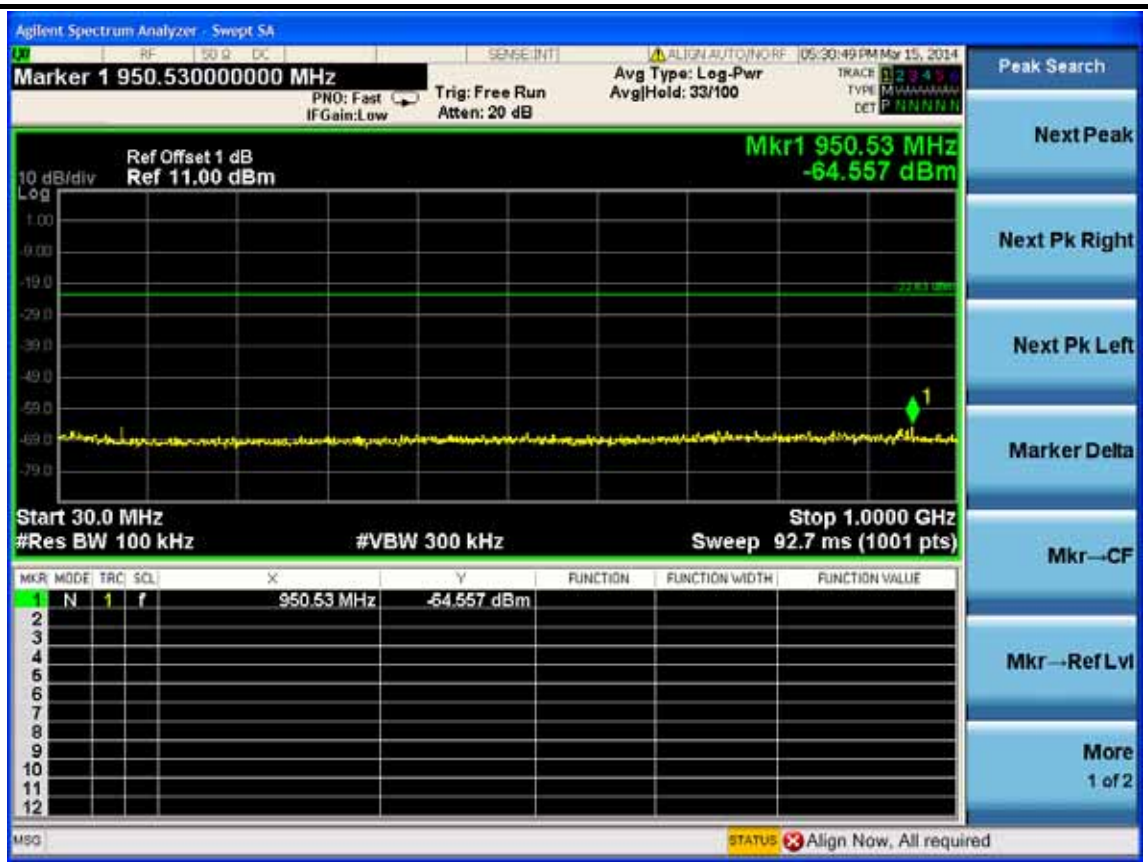

Agilent Spectrum Analyzer - Swept SA
Start Freq 1.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 32/100
Ref Offset 1 dB
10 dB/div
Log
Ref 11.00 dBm
Mkr1 2.440 GHz
-4.517 dBm
Start 1.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 10.000 GHz
Sweep 860 ms (1001 pts)
1 N 1 f 2.440 GHz -4.517 dBm
Frequency
Auto Tune
Center Freq
5.500000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
10.000000000 GHz
CF Step
900.000000 MHz
Auto
Man
Freq Offset
0 Hz
Input Overload;ADC over range

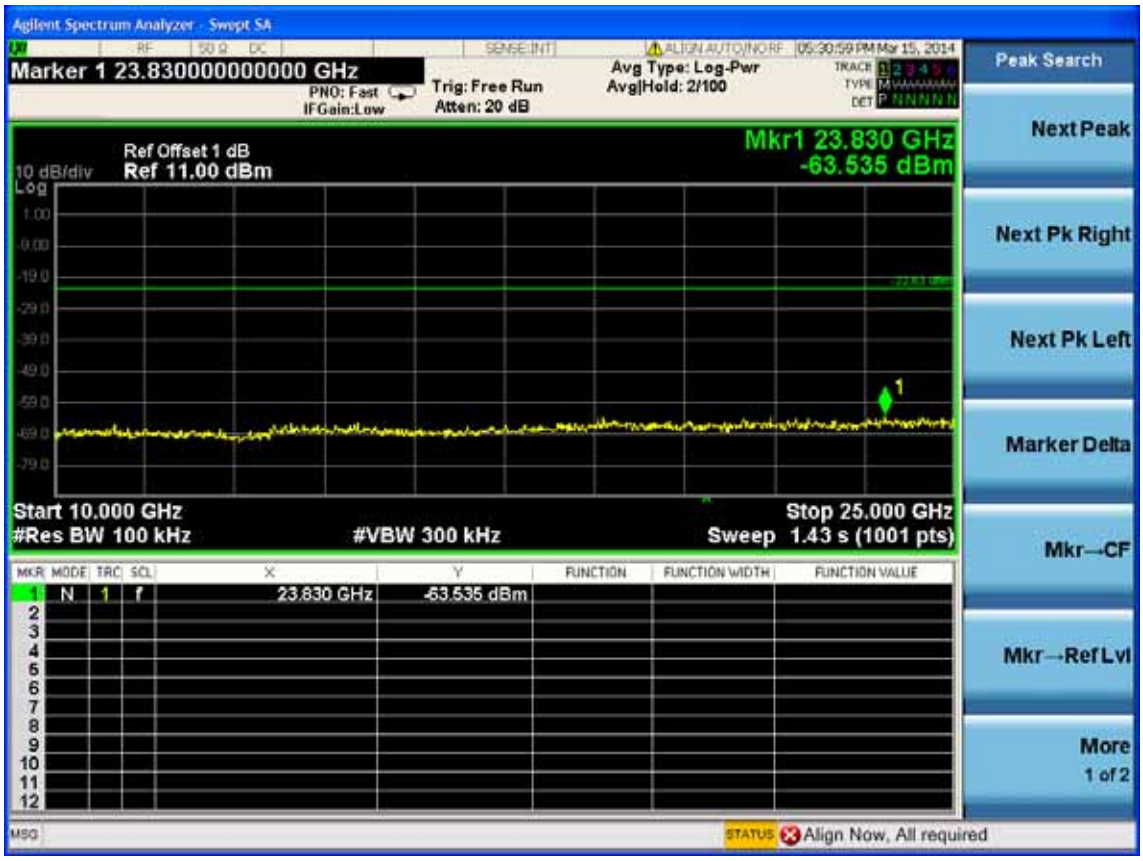

Agilent Spectrum Analyzer - Swept SA
Marker 1 99.840000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 45/100
Ref Offset 1 dB
10 dB/div
Log
Ref 11.00 dBm
Mkr1 99.84 MHz
-64.640 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 92.7 ms (1001 pts)
1 N 1 f 99.84 MHz -64.640 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2
File <Screen_0074.png> saved
Align Now, All required

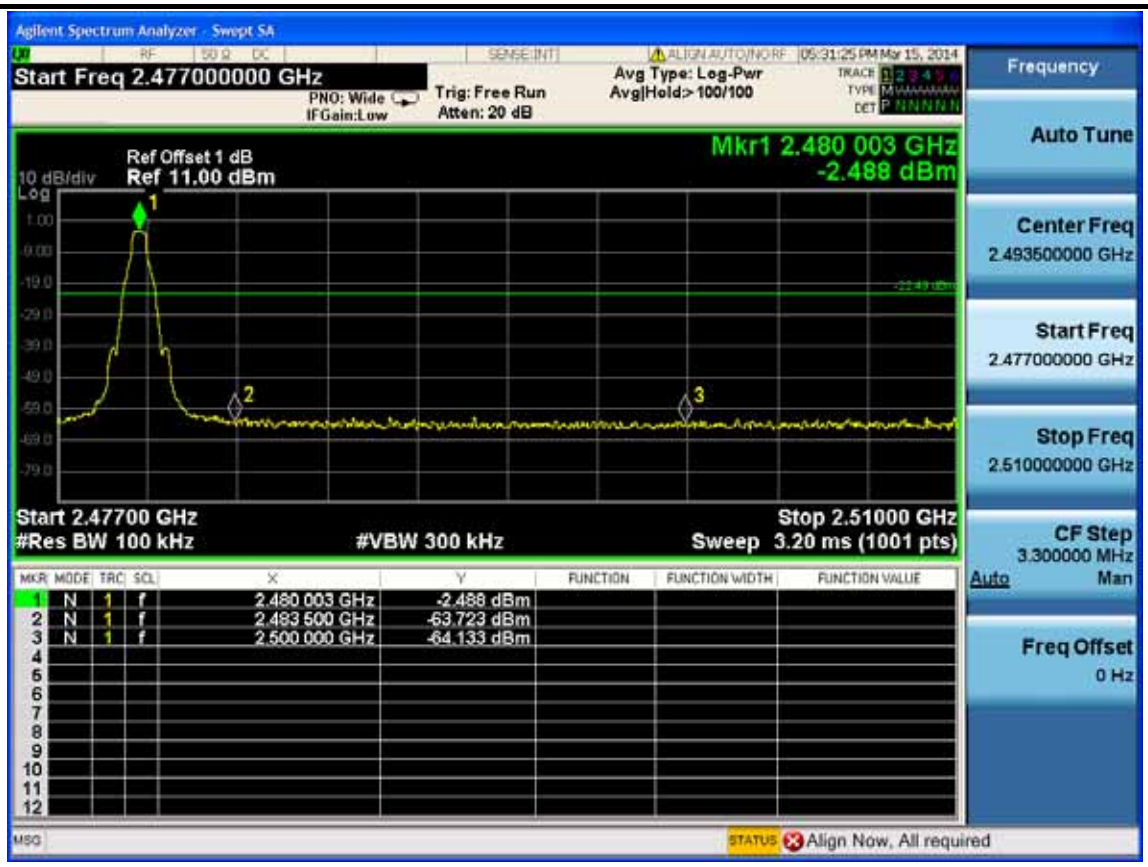

Agilent Spectrum Analyzer - Swept SA
Marker 1 24.625000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 2/100
05:32:48 PM May 15, 2014
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2
Ref Offset 1 dB
10 dB/div
Log
Ref 11.00 dBm
Mkr1 24.625 GHz
-63.713 dBm
Start 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 25.000 GHz
Sweep 1.43 s (1001 pts)
1 N 1 f 24.625 GHz -63.713 dBm
Align Now, All required

2480MHz


Agilent Spectrum Analyzer - Swept SA
Start Freq 1.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 21/100
05:30:36 PM May 15, 2014
Frequency
Auto Tune
Center Freq
5.500000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
10.000000000 GHz
CF Step
900.000000 MHz
Auto
Man
Freq Offset
0 Hz
Ref Offset 1 dB
10 dB/div
Log
Ref 11.00 dBm
Mkr1 2.476 GHz
-2.625 dBm
Start 1.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 10.000 GHz
Sweep 860 ms (1001 pts)
1 N 1 f 2.476 GHz -2.625 dBm
File <Screen_0068.png> saved
Align Now, All required

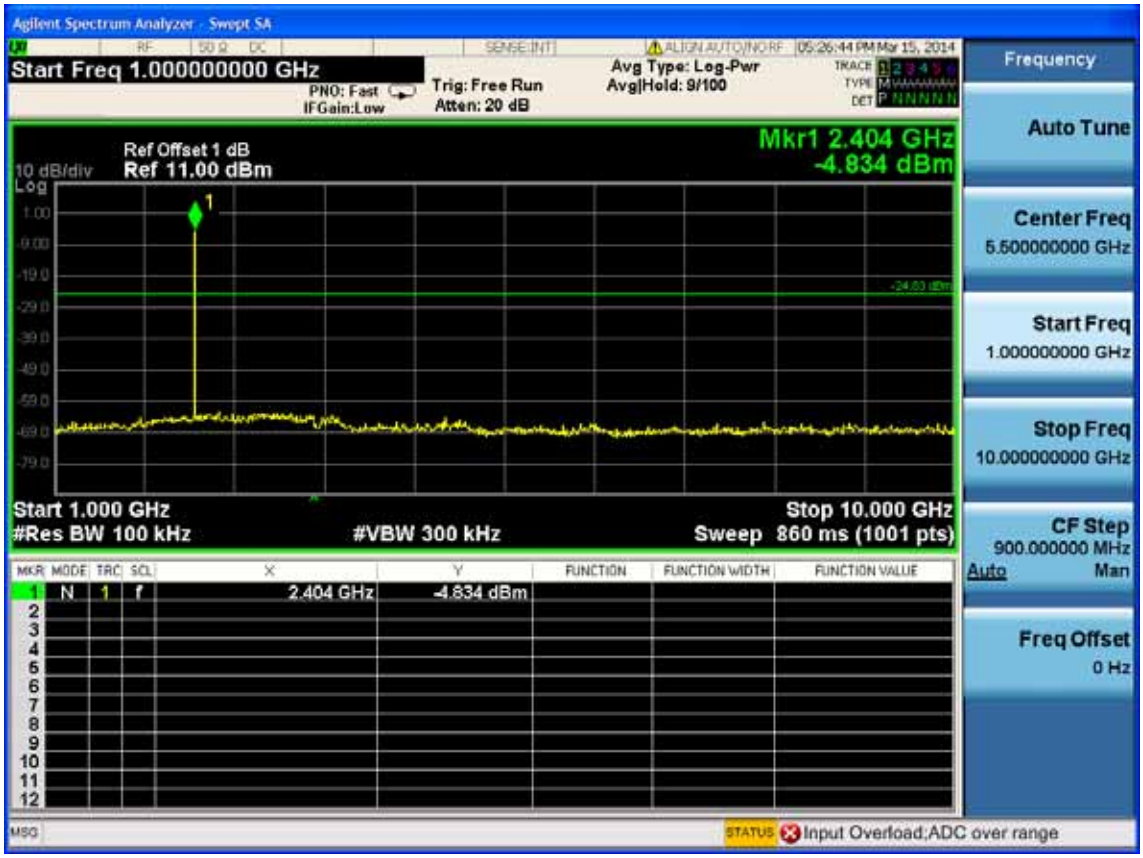

Agilent Spectrum Analyzer - Swept SA
Marker 1 950.530000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 33/100
05:30:49 PM May 15, 2014
Ref Offset 1 dB
10 dB/div
Log
Ref 11.00 dBm
Mkr1 950.53 MHz
-64.557 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 92.7 ms (1001 pts)
1 N 1 f 950.53 MHz -64.557 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2
Align Now, All required

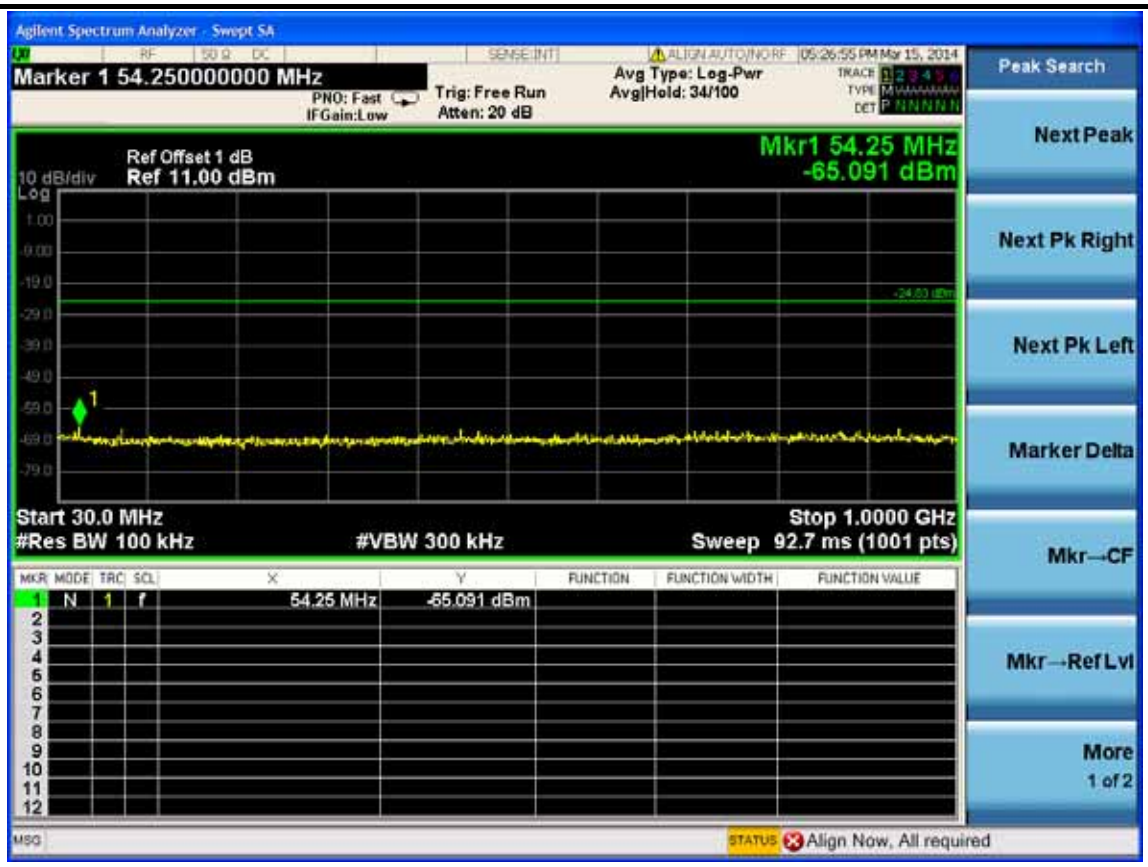

Agilent Spectrum Analyzer - Swept SA
Marker 1 23.830000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 2/100
05:30:59 PM May 15, 2014
Ref Offset 1 dB
10 dB/div
Log
Ref 11.00 dBm
Mkr1 23.830 GHz
-63.535 dBm
Start 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 25.000 GHz
Sweep 1.43 s (1001 pts)
1 N 1 f 23.830 GHz -63.535 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2
Align Now, All required

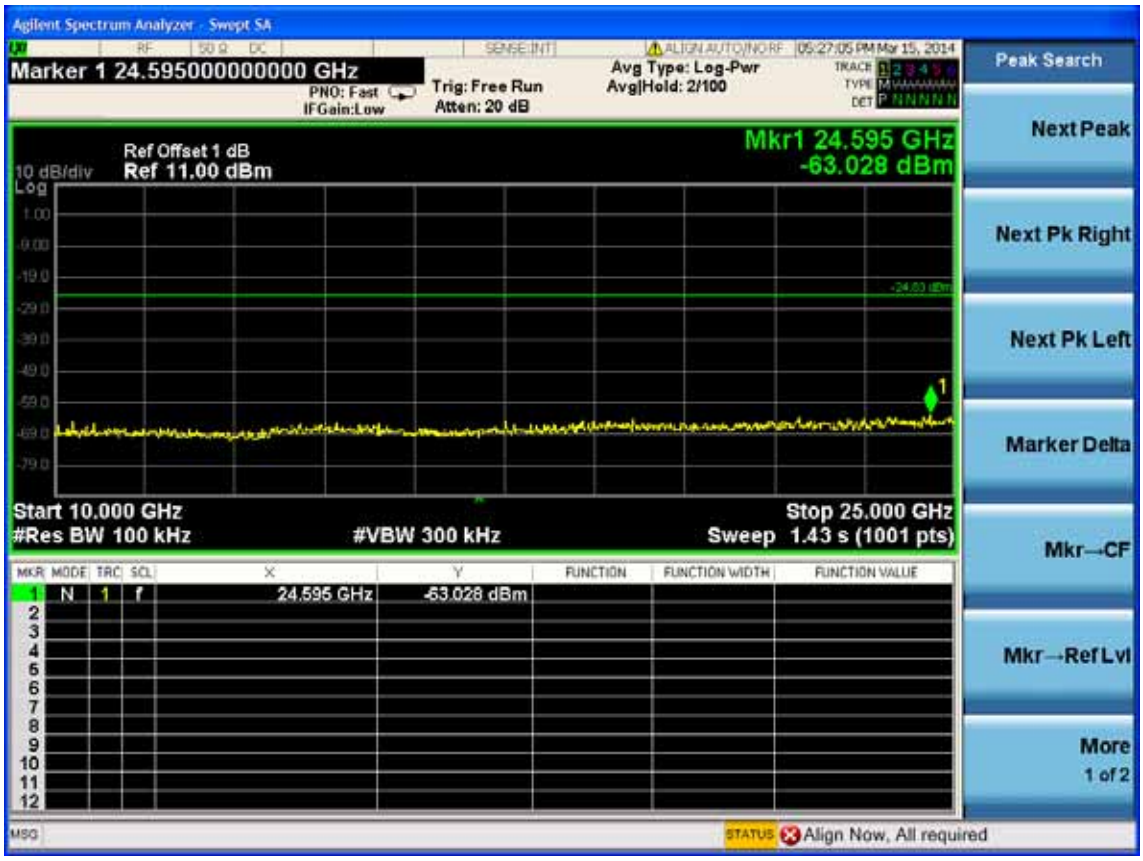


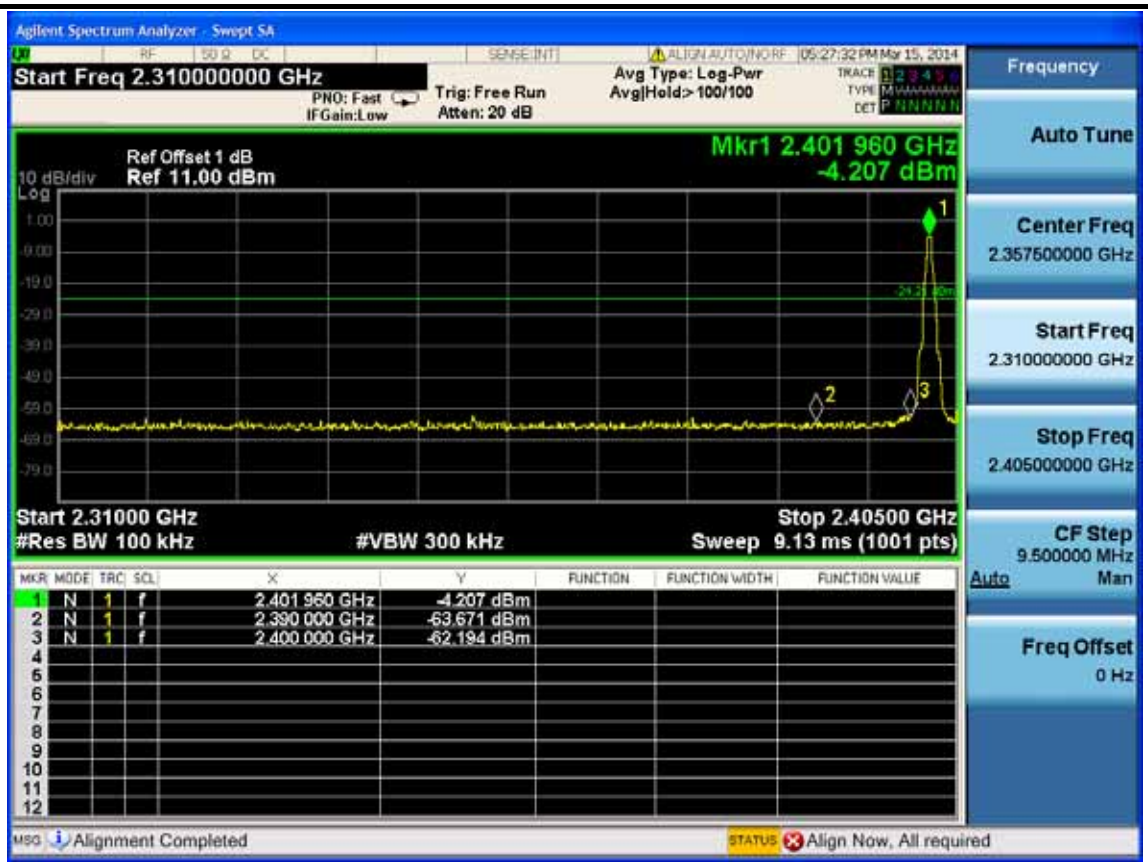
8-DPSK

2402MHz

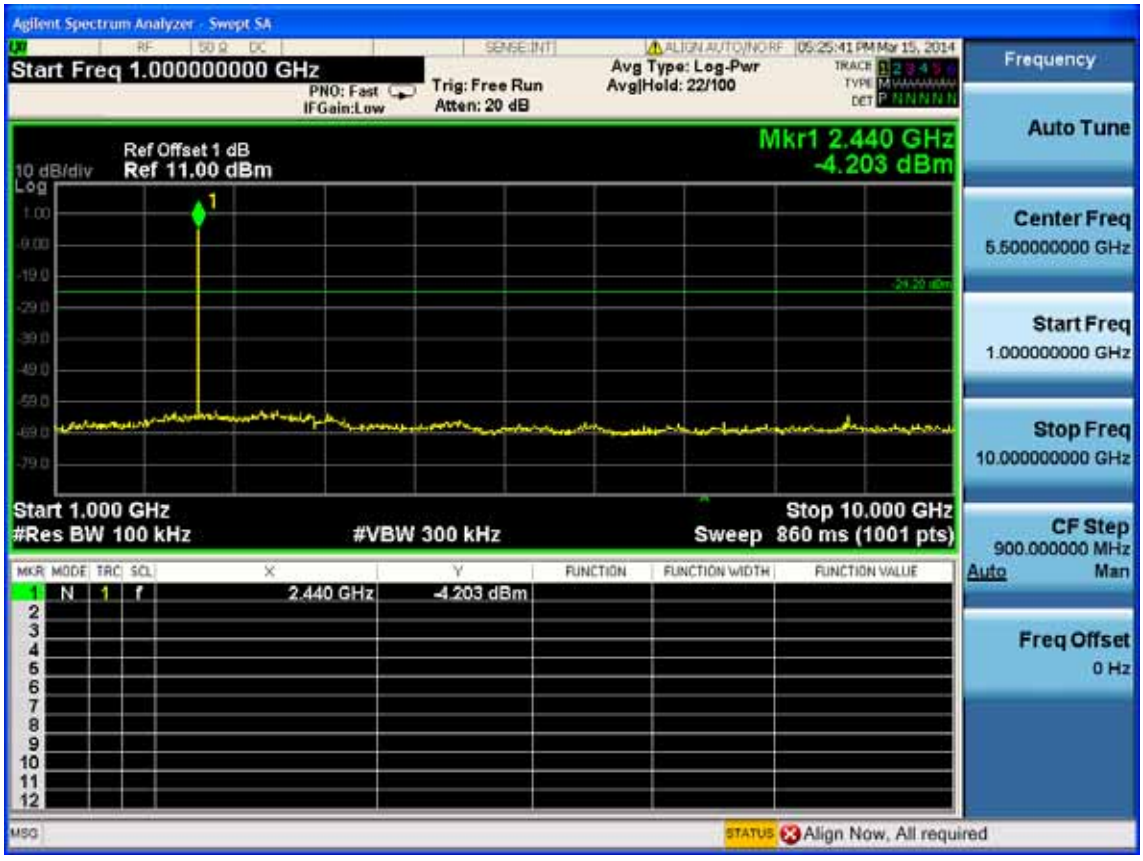


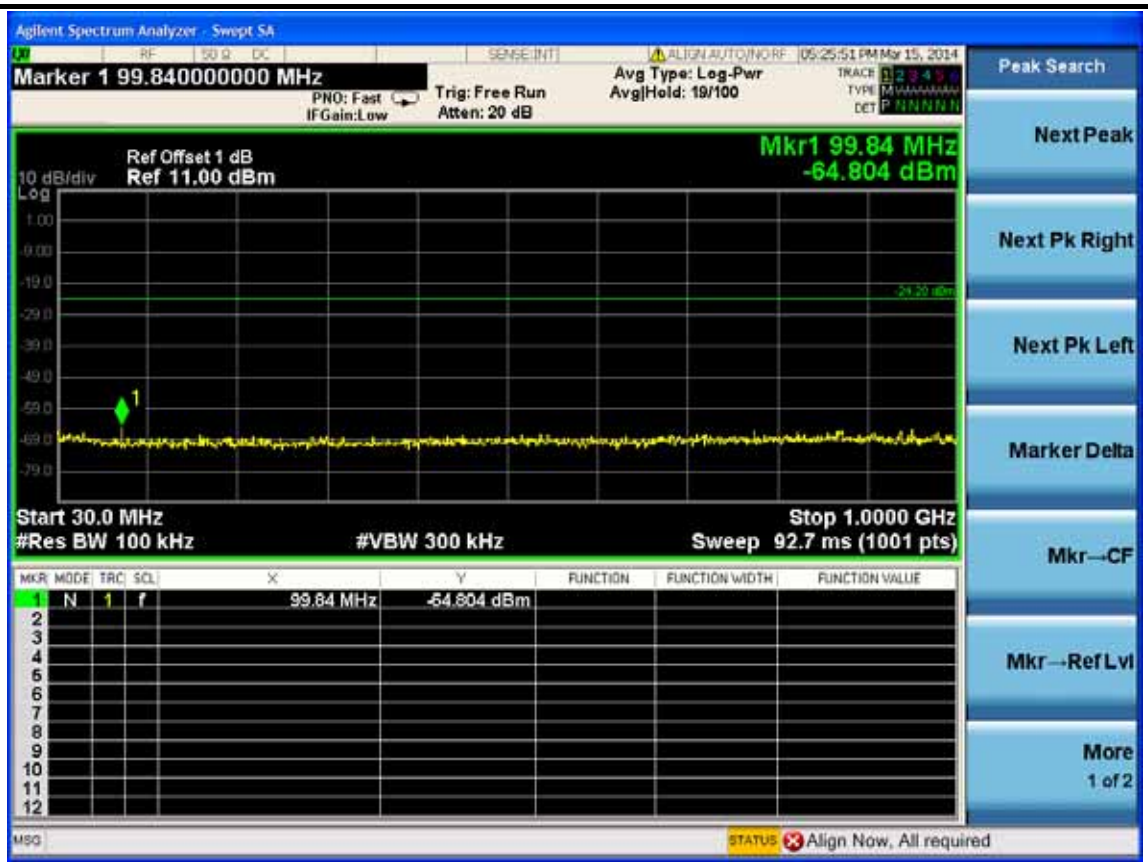

Agilent Spectrum Analyzer - Swept SA
Marker 1 54.250000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 34/100
05:26:55 PM May 15, 2014
Ref Offset 1 dB
10 dB/div
Log
Ref 11.00 dBm
Mkr1 54.25 MHz
-65.091 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 92.7 ms (1001 pts)
1 N 1 f 54.25 MHz -65.091 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2
Align Now, All required

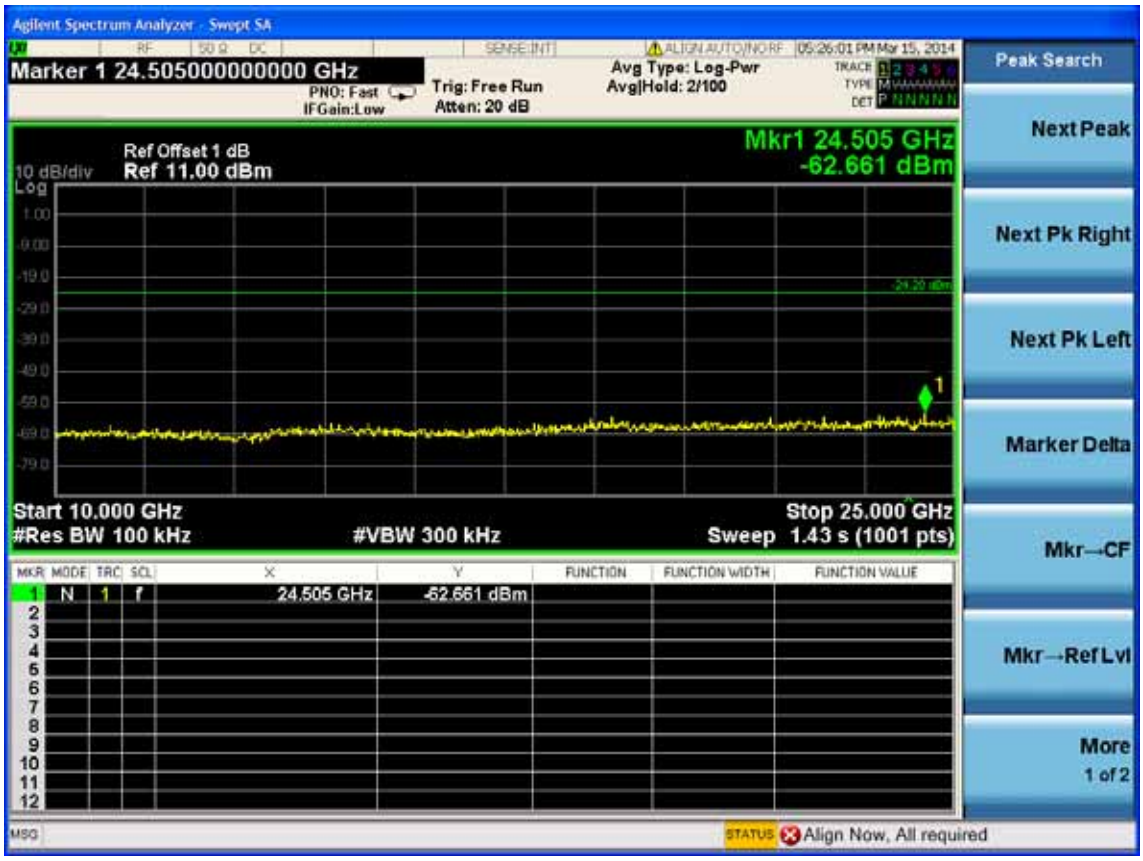

Agilent Spectrum Analyzer - Swept SA
Marker 1 24.595000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 2/100
05:27:05 PM May 15, 2014
Ref Offset 1 dB
10 dB/div
Log
Ref 11.00 dBm
Mkr1 24.595 GHz
-63.028 dBm
Start 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 25.000 GHz
Sweep 1.43 s (1001 pts)
1 N 1 f 24.595 GHz -63.028 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2
Align Now, All required


Agilent Spectrum Analyzer - Swept SA
Start Freq 2.310000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
05:27:32 PM May 15, 2014
Ref Offset 1 dB
10 dB/div
Log
Ref 11.00 dBm
Mkr1 2.401 960 GHz
-4.207 dBm
Start 2.31000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.40500 GHz
Sweep 9.13 ms (1001 pts)
1 N 1 f 2.401 960 GHz -4.207 dBm
2 N 1 f 2.390 000 GHz -63.671 dBm
3 N 1 f 2.400 000 GHz -62.194 dBm
Alignment Completed
Align Now, All required
Frequency
Auto Tune
Center Freq
2.357500000 GHz
Start Freq
2.310000000 GHz
Stop Freq
2.405000000 GHz
CF Step
9.500000 MHz
Auto
Man
Freq Offset
0 Hz

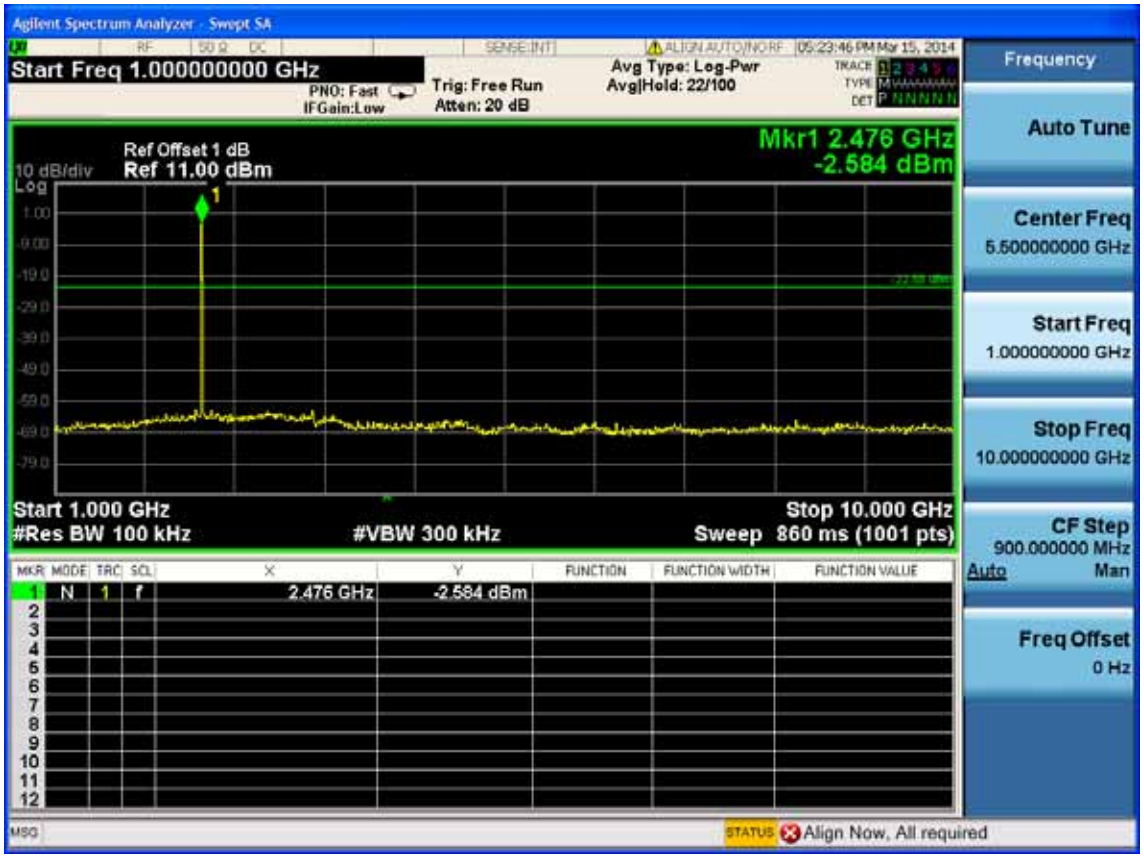
2441MHz

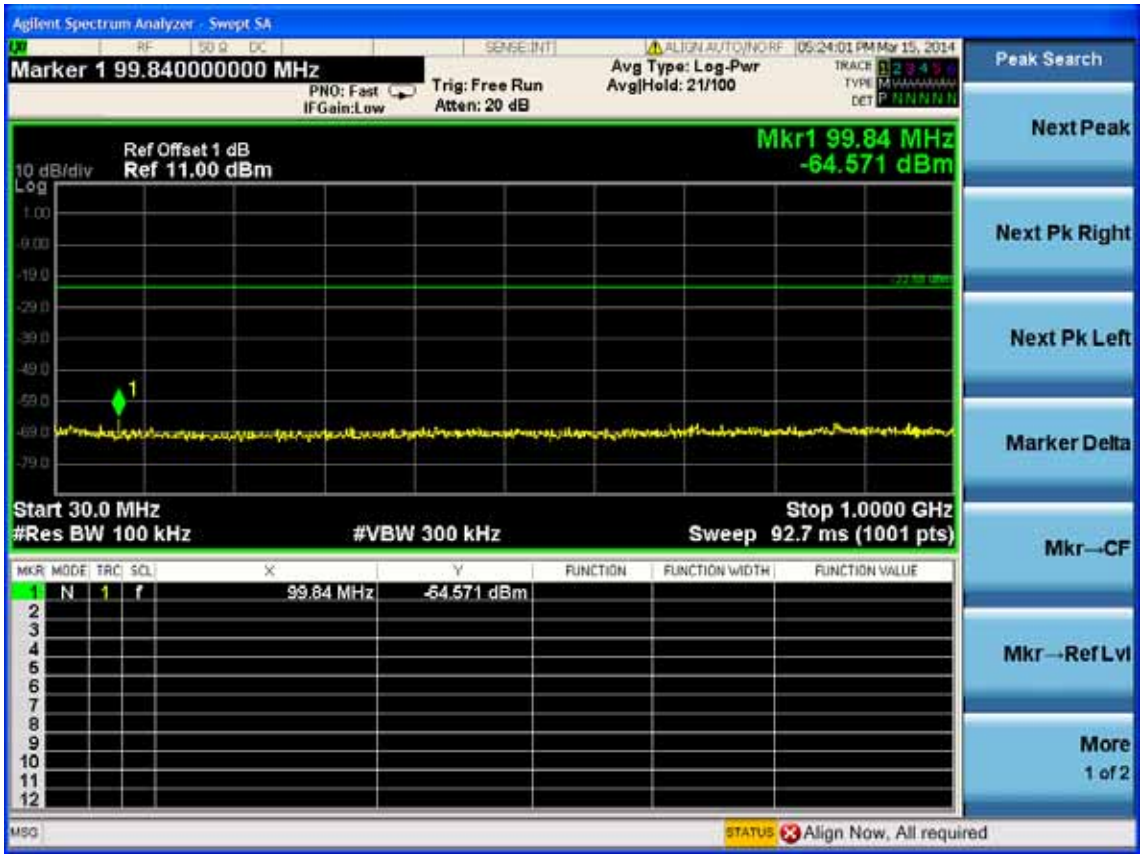

Agilent Spectrum Analyzer - Swept SA
Start Freq 1.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 22/100
05:25:41 PM May 15, 2014
Ref Offset 1 dB
10 dB/div
Log
Ref 11.00 dBm
Mkr1 2.440 GHz
-4.203 dBm
Start 1.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 10.000 GHz
Sweep 860 ms (1001 pts)
1 N 1 f 2.440 GHz -4.203 dBm
Align Now, All required
Frequency
Auto Tune
Center Freq
5.500000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
10.000000000 GHz
CF Step
900.000000 MHz
Auto
Man
Freq Offset
0 Hz

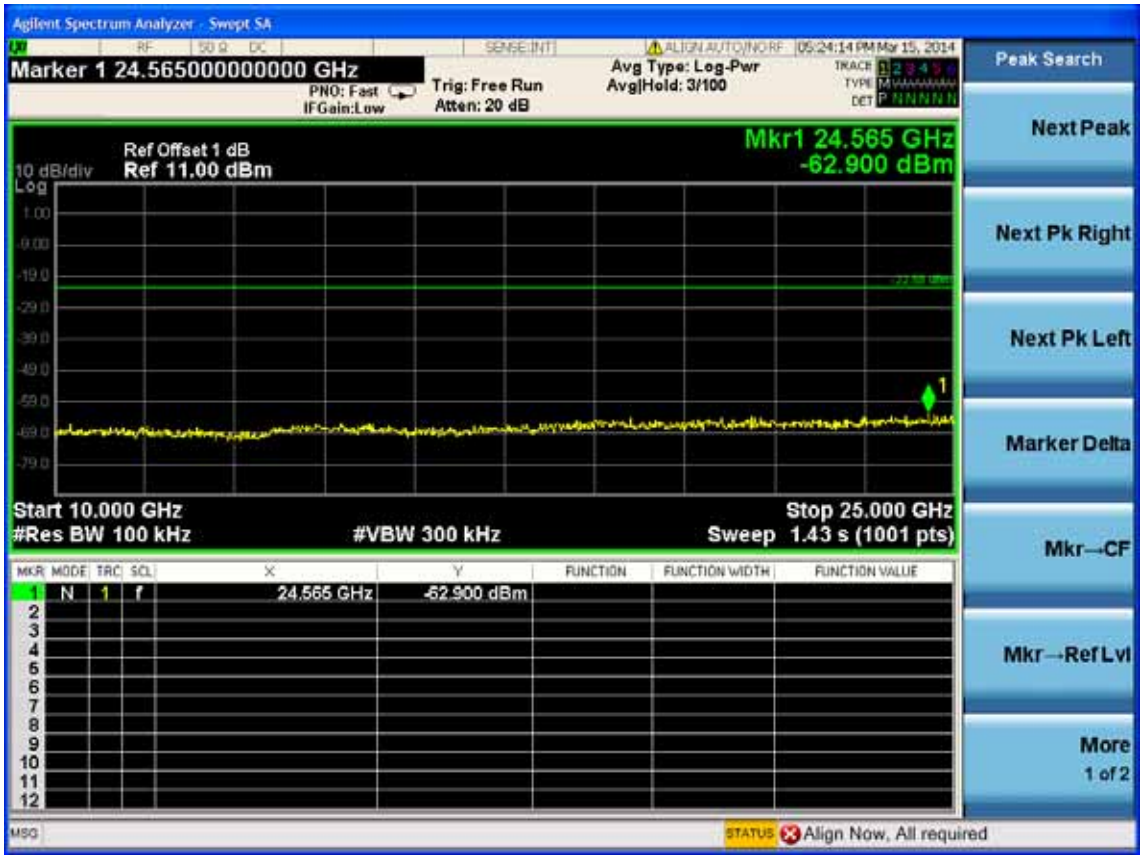

Agilent Spectrum Analyzer - Swept SA
Marker 1 99.840000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 19/100
05:25:51 PM May 15, 2014
Ref Offset 1 dB
10 dB/div
Log
Ref 11.00 dBm
Mkr1 99.84 MHz
-64.804 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 92.7 ms (1001 pts)
1 N 1 f 99.84 MHz -64.804 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2
Align Now, All required

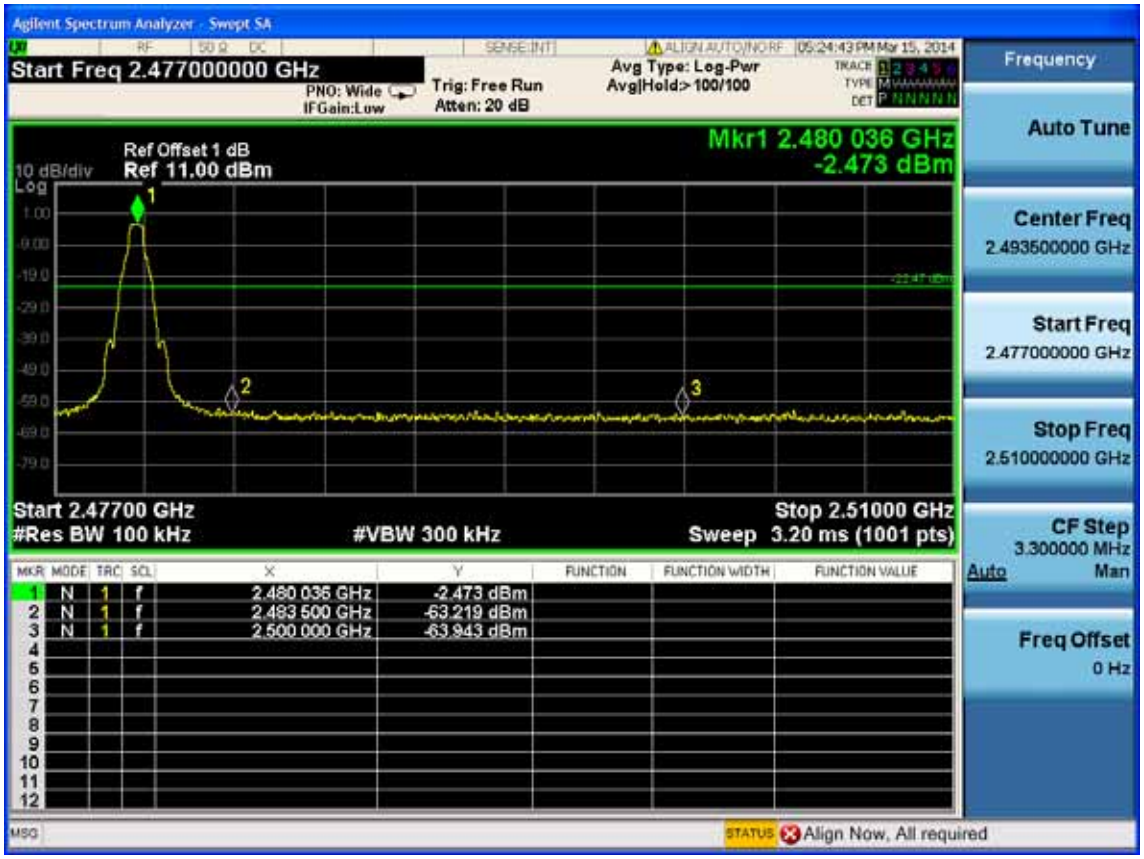

Agilent Spectrum Analyzer - Swept SA
Marker 1 24.505000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 2/100
05:26:01 PM May 15, 2014
Ref Offset 1 dB
10 dB/div
Log
Ref 11.00 dBm
Mkr1 24.505 GHz
-62.661 dBm
Start 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 25.000 GHz
Sweep 1.43 s (1001 pts)
1 N 1 f 24.505 GHz -62.661 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2
Align Now, All required

2480MHz


Agilent Spectrum Analyzer - Swept SA
Start Freq 1.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 22/100
05:23:46 PM Mar 15, 2014
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
Log
Mkr1 2.476 GHz
-2.584 dBm
Start 1.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 10.000 GHz
Sweep 860 ms (1001 pts)
1 N 1 f 2.476 GHz -2.584 dBm
Frequency
Auto Tune
Center Freq
5.500000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
10.000000000 GHz
CF Step
900.000000 MHz
Auto
Man
Freq Offset
0 Hz
Align Now, All required

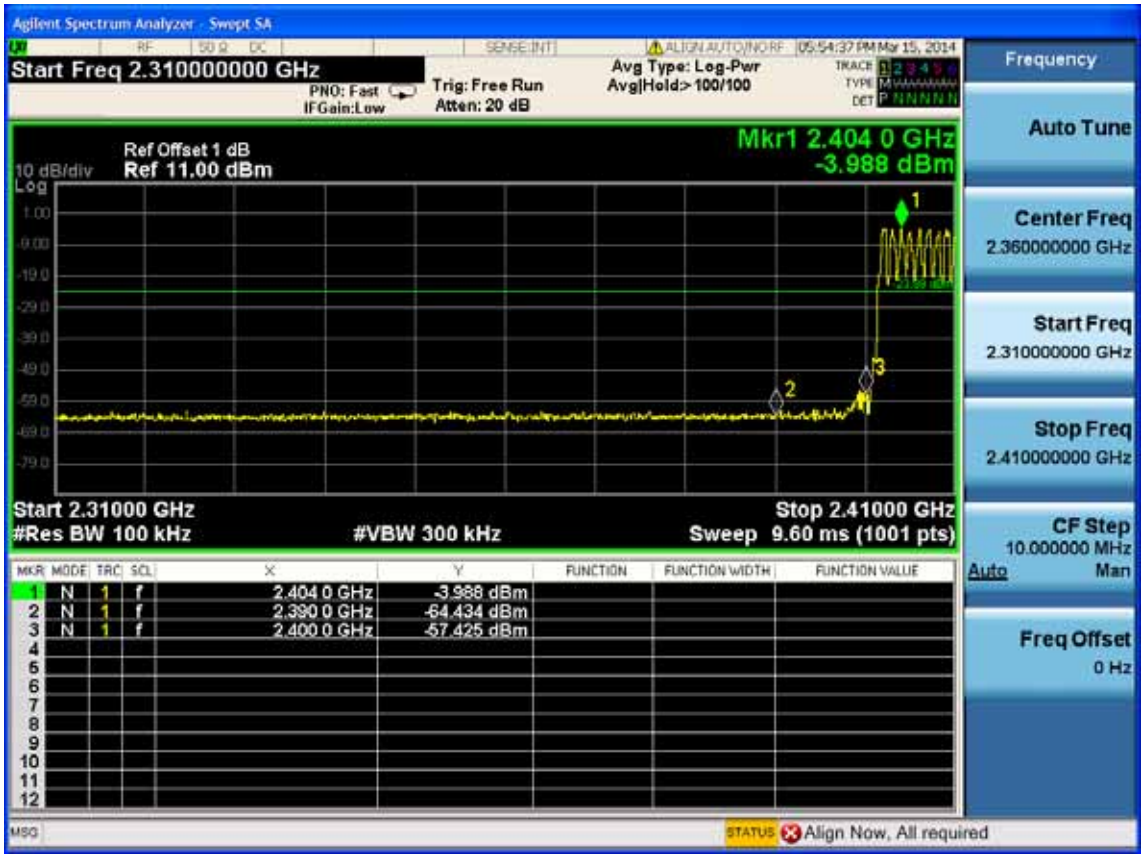

Agilent Spectrum Analyzer - Swept SA
Marker 1 99.840000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 21/100
05:24:01 PM Mar 15, 2014
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
Log
Mkr1 99.84 MHz
-64.571 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 92.7 ms (1001 pts)
1 N 1 f 99.84 MHz -64.571 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2
Align Now, All required


Agilent Spectrum Analyzer - Swept SA
Marker 1 24.565000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 3/100
05:24:14 PM Mar 15, 2014
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
Log
Mkr1 24.565 GHz
-62.900 dBm
Start 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 25.000 GHz
Sweep 1.43 s (1001 pts)
1 N 1 f 24.565 GHz -62.900 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2
Align Now, All required

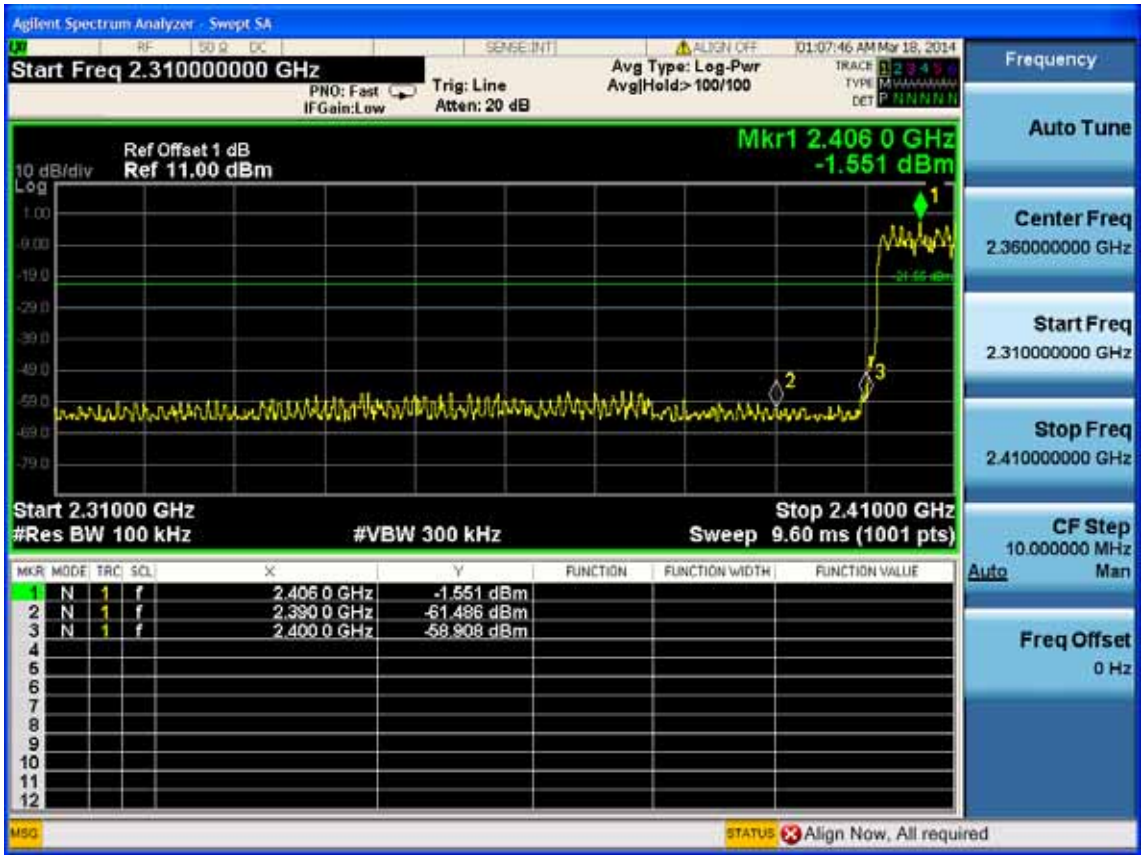

Agilent Spectrum Analyzer - Swept SA
Start Freq 2.477000000 GHz
PNO: Wide
IFGain:Low
Trig: Free Run
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
05:24:43 PM Mar 15, 2014
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
Log
Mkr1 2.480 036 GHz
-2.473 dBm
Start 2.47700 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.51000 GHz
Sweep 3.20 ms (1001 pts)
1 N 1 f 2.480 036 GHz -2.473 dBm
2 N 1 f 2.483 500 GHz -63.219 dBm
3 N 1 f 2.500 000 GHz -63.943 dBm
Frequency
Auto Tune
Center Freq
2.493500000 GHz
Start Freq
2.477000000 GHz
Stop Freq
2.510000000 GHz
CF Step
3.300000 MHz
Auto
Man
Freq Offset
0 Hz
Align Now, All required

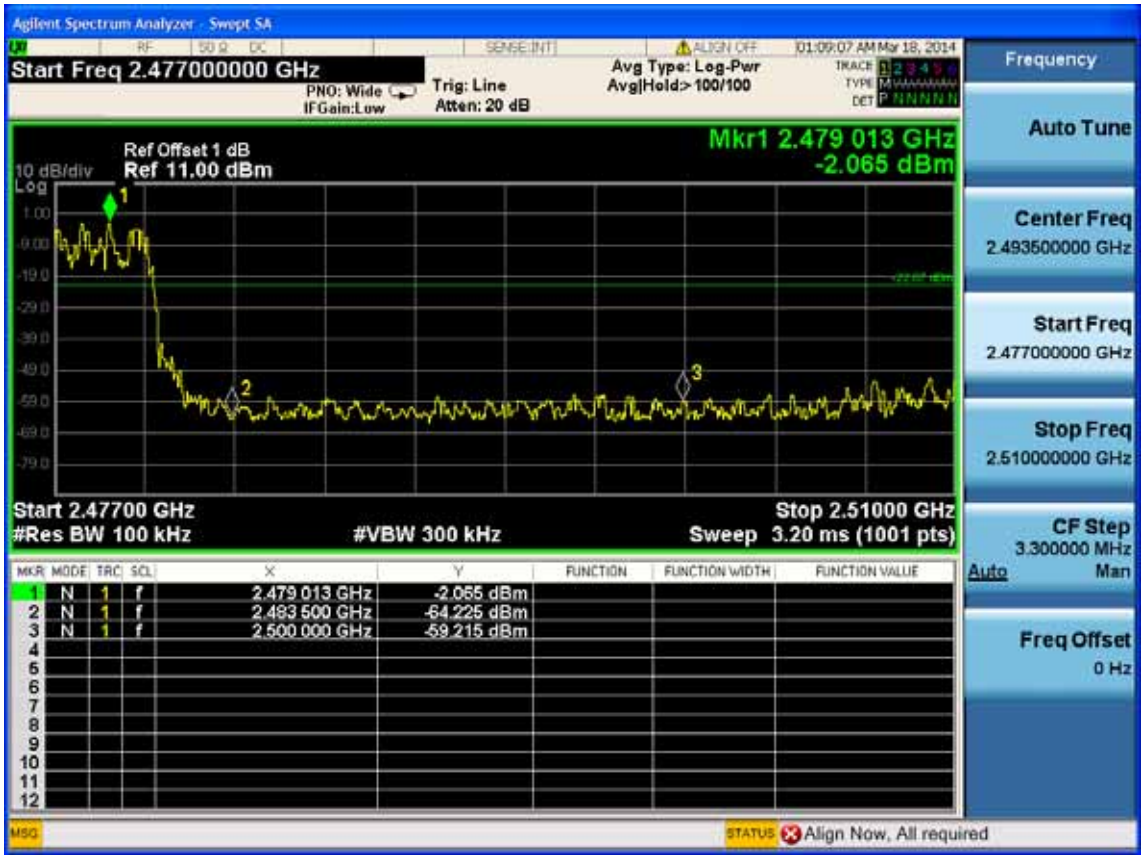
Hopping on

GFSK



8-DPSK


Agilent Spectrum Analyzer - Swept SA
Start Freq 2.310000000 GHz
PNO: Fast
IFGain:Low
Trig: Line
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
01:07:46 AM Mar 18, 2014
Ref Offset 1 dB
10 dB/div
Log
Ref 11.00 dBm
Mkr1 2.406 0 GHz
-1.551 dBm
Start 2.31000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.41000 GHz
Sweep 9.60 ms (1001 pts)
1 N 1 f 2.406 0 GHz -1.551 dBm
2 N 1 f 2.390 0 GHz -61.486 dBm
3 N 1 f 2.400 0 GHz -58.908 dBm
Frequency
Auto Tune
Center Freq
2.360000000 GHz
Start Freq
2.310000000 GHz
Stop Freq
2.410000000 GHz
CF Step
10.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS
Align Now, All required


Agilent Spectrum Analyzer - Swept SA
Start Freq 2.477000000 GHz
PNO: Wide
IFGain:Low
Trig: Line
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
01:09:07 AM Mar 18, 2014
Ref Offset 1 dB
10 dB/div
Log
Ref 11.00 dBm
Mkr1 2.479 013 GHz
-2.065 dBm
Start 2.47700 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.51000 GHz
Sweep 3.20 ms (1001 pts)
1 N 1 f 2.479 013 GHz -2.065 dBm
2 N 1 f 2.483 500 GHz -64.225 dBm
3 N 1 f 2.500 000 GHz -59.215 dBm
Frequency
Auto Tune
Center Freq
2.493500000 GHz
Start Freq
2.477000000 GHz
Stop Freq
2.510000000 GHz
CF Step
3.300000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS
Align Now, All required

6. CARRIER FREQUENCY SEPARATION TEST

6.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	Spectrum Analyzer	Agilent	N9030A	MY51380221	Oct.31, 13	1Year

6.2.Limit

Frequency hopping systems shall have hopping channel carrier frequency separated by a minimum of 25kHz or the 20dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.

6.3.Test Results.

EUT: Steno Keyboard Folio for iPad Air		
M/N: IPD-337		
Test date: 2014-03-18	Pressure: 101.2±1.0 kpa	Humidity: 52.6±3.0%
Tested by: Leo-Li	Test site: RF Site	Temperature: 23.5±0.6℃

Test Mode	Channel separation	Conclusion
8-DPSK	1.0MHz	PASS
GFSK	1.0MHz	PASS


Agilent Spectrum Analyzer - Swept SA
Marker 3 Δ -1.000000000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
05:43:52 PM Mar 15, 2014
Ref Offset 1 dB
10 dB/div
Log
Ref 11.00 dBm
ΔMkr3 -1.000 MHz
1.121 dB
3Δ4
1Δ2
Center 2.441000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 5.000 MHz
Sweep 2.53 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 Δ2 1 f (Δ) 1.000 MHz (Δ) 1.570 dB
2 F 1 f 2.441 000 GHz -5.965 dBm
3 Δ4 1 f (Δ) -1.000 MHz (Δ) 1.121 dB
4 F 1 f 2.441 000 GHz -5.382 dBm
Alignment Completed
Align Now, All required
Marker
Select Marker 3
Normal
Delta
Fixed
Off
Properties
More 1 of 2

7. 20 DB BANDWIDTH TEST

7.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	Agilent	N9030A	MY51380221	Oct.31, 13	1Year

7.2. Limit

Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in Subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.

7.3. Test Results

EUT: Steno Keyboard Folio for iPad Air		
M/N:IPD-337		
Test date: 2014-03-18	Pressure: 101.2±1.0 kpa	Humidity: 52.6±3.0%
Tested by: Leo-Li	Test site: RF Site	Temperature：23.5±0.6℃

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	CH （MHz）	20dB bandwidth （KHz）	Limit (KHz)
GFSK	2402	1033	N/A
	2441	1033	N/A
	2480	1031	N/A
8-DPSK	2402	1032	N/A
	2441	1031	N/A
	2480	1031	N/A
Conclusion：PASS			

GFSK

Test Frequency: 2402MHz

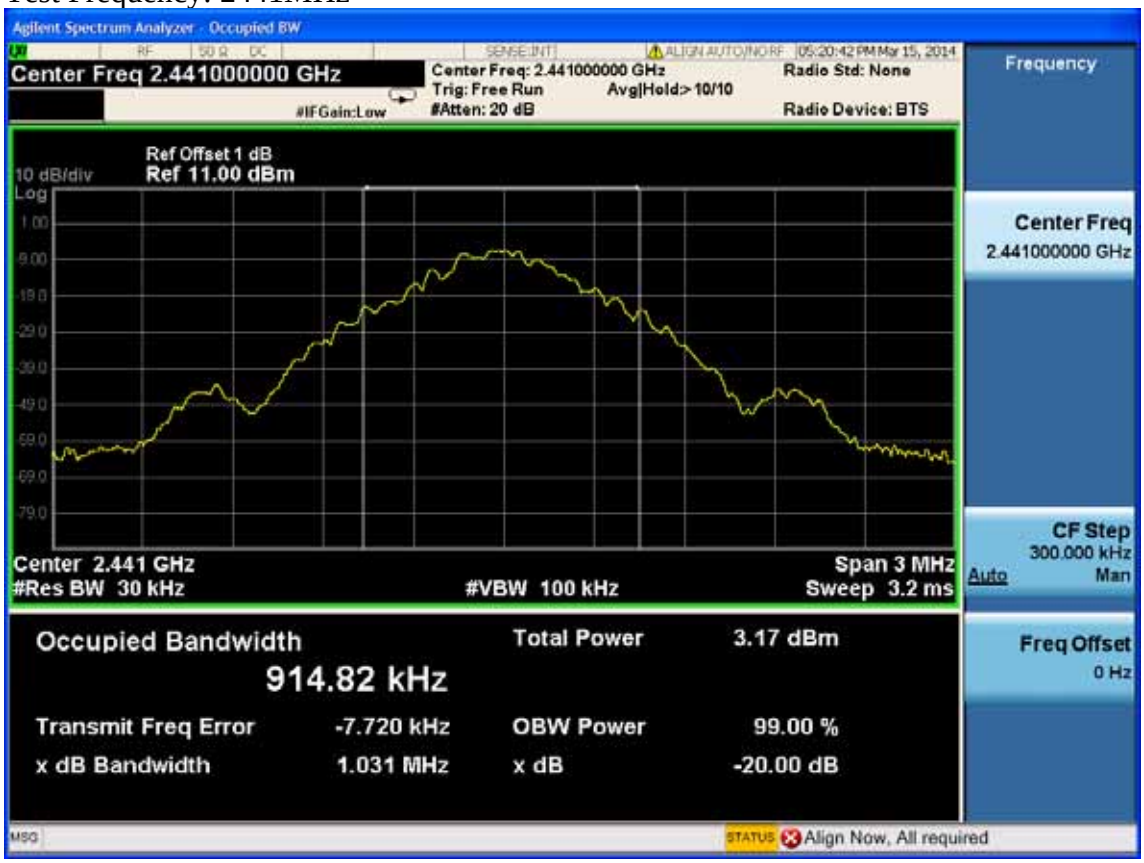
Test Frequency: 2441MHz

Test Frequency: 2480MHz

8-DPSK

Test Frequency: 2402MHz

Test Frequency: 2441MHz



Test Frequency: 2480MHz

8. NUMBER OF HOPPING FREQUENCY TEST

8.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	Spectrum Analyzer	Agilent	N9030A	MY51380221	Oct.31, 13	1Year

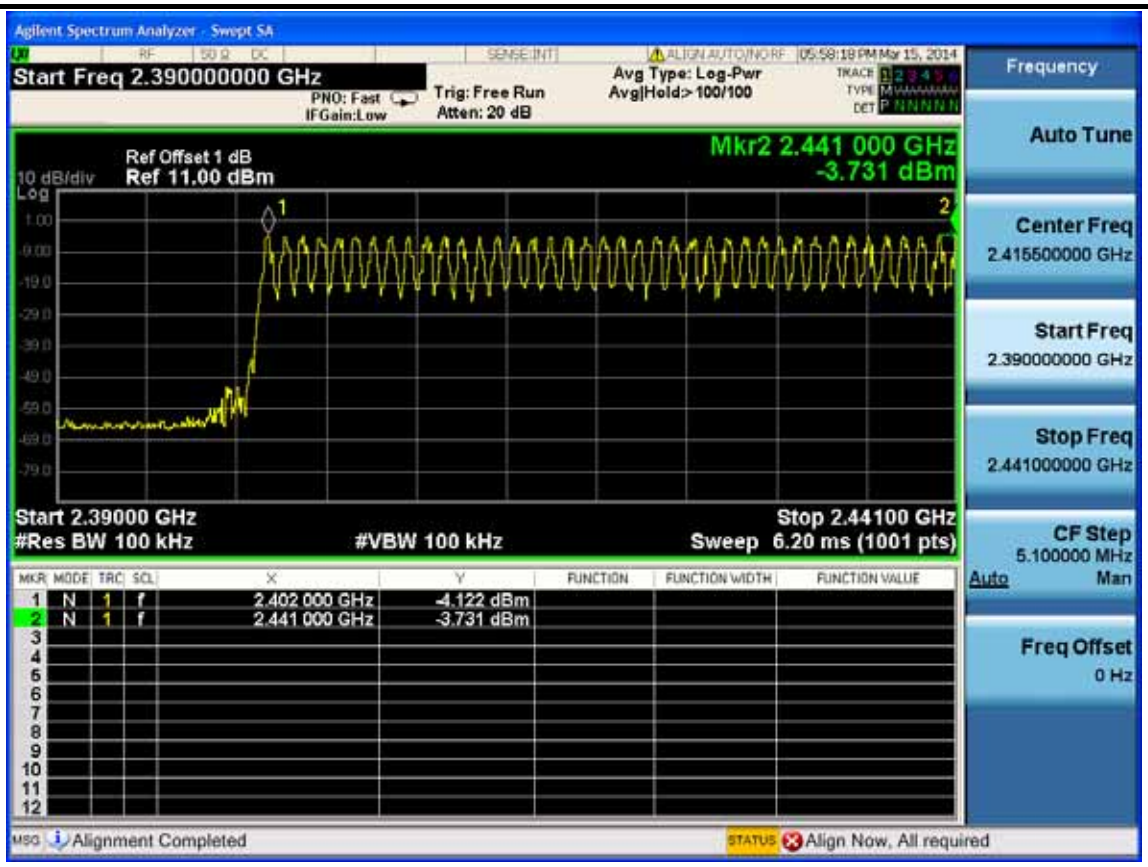
8.2.Limit

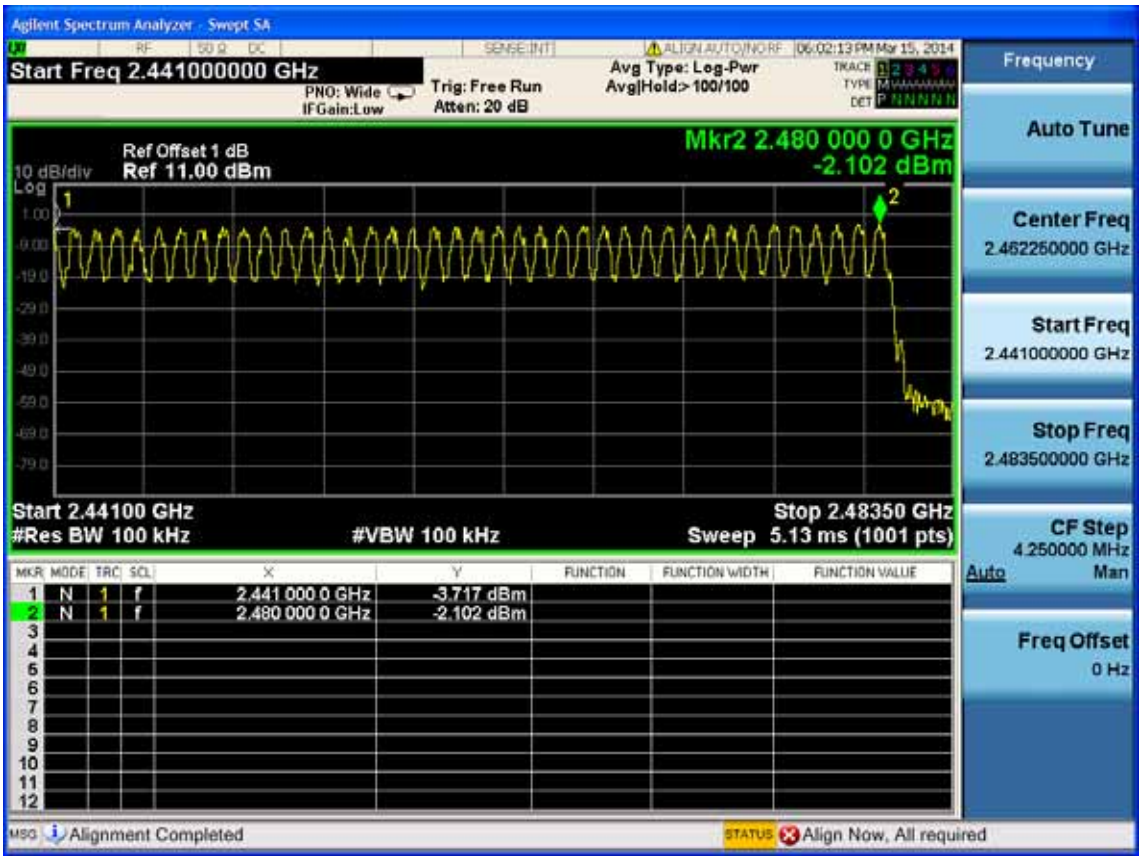
Frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels

8.3.Test Results

EUT: Steno Keyboard Folio for iPad Air		
M/N:IPD-337		
Test date: 2014-03-18	Pressure: 101.2±1.0 kpa	Humidity: 52.6±3.0%
Tested by: Leo-Li	Test site: RF Site	Temperature: 23.5±0.6℃

Test Mode	Number of channel	Limit	Conclusion
8-DPSK	79	>=15	PASS
GFSK	79	>=15	PASS


Agilent Spectrum Analyzer - Swept SA
Start Freq 2.390000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
05:59:18 PM Mar 15, 2014
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
Log
Mkr2 2.441 000 GHz
-3.731 dBm
Start 2.39000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 2.44100 GHz
Sweep 6.20 ms (1001 pts)
1 N 1 f 2.402 000 GHz -4.122 dBm
2 N 1 f 2.441 000 GHz -3.731 dBm
Alignment Completed
Align Now, All required
Frequency
Auto Tune
Center Freq
2.415500000 GHz
Start Freq
2.390000000 GHz
Stop Freq
2.441000000 GHz
CF Step
5.100000 MHz
Auto
Man
Freq Offset
0 Hz


Agilent Spectrum Analyzer - Swept SA
Start Freq 2.441000000 GHz
PNO: Wide
IFGain:Low
Trig: Free Run
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
06:02:13 PM Mar 15, 2014
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
Log
Mkr2 2.480 000 0 GHz
-2.102 dBm
Start 2.44100 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 2.48350 GHz
Sweep 5.13 ms (1001 pts)
1 N 1 f 2.441 000 0 GHz -3.717 dBm
2 N 1 f 2.480 000 0 GHz -2.102 dBm
Alignment Completed
Align Now, All required
Frequency
Auto Tune
Center Freq
2.462250000 GHz
Start Freq
2.441000000 GHz
Stop Freq
2.483500000 GHz
CF Step
4.250000 MHz
Auto
Man
Freq Offset
0 Hz

9. DWELL TIME

9.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	Spectrum Analyzer	Agilent	N9030A	MY51380221	Oct.31, 13	1Year

9.2.Limit

The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.

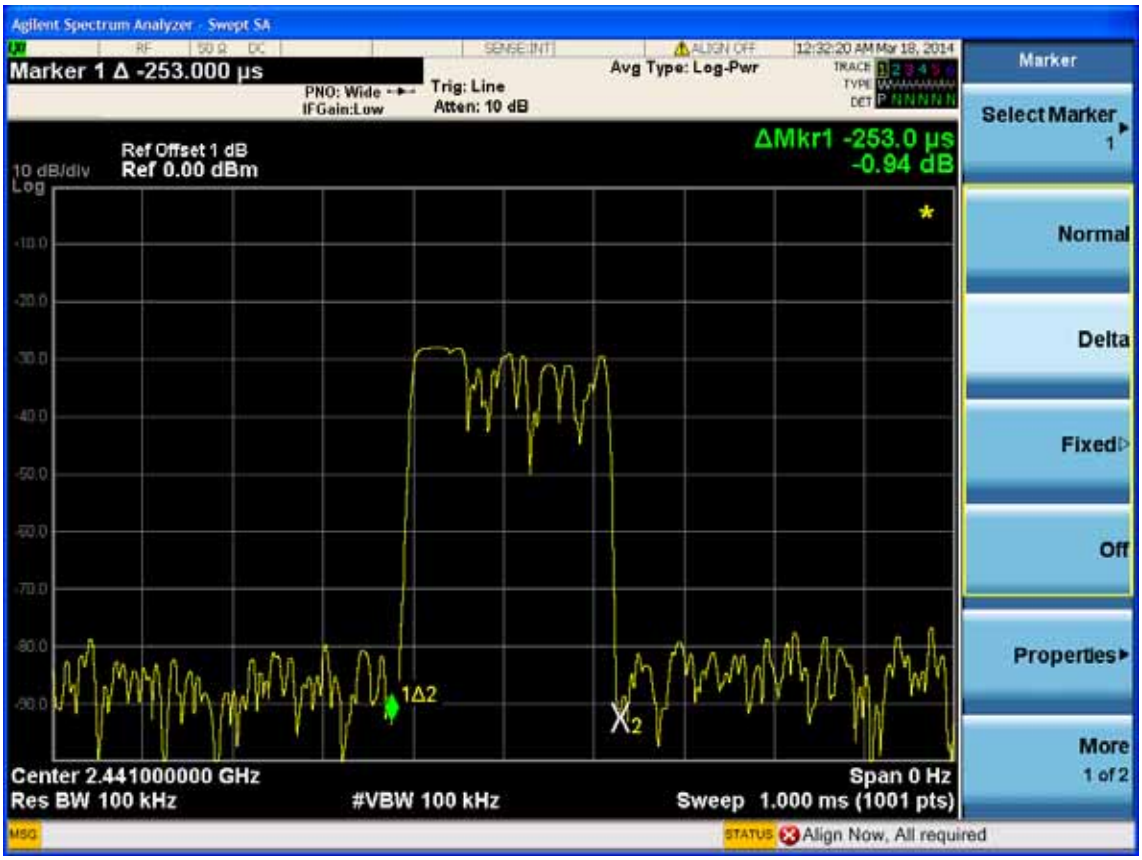
9.3.Test Results

EUT: Steno Keyboard Folio for iPad Air		
M/N:IPD-337		
Test date: 2014-03-18	Pressure: 101.2±1.0 kpa	Humidity: 52.6±3.0%
Tested by: Leo-Li	Test site: RF Site	Temperature: 23.5±0.6℃

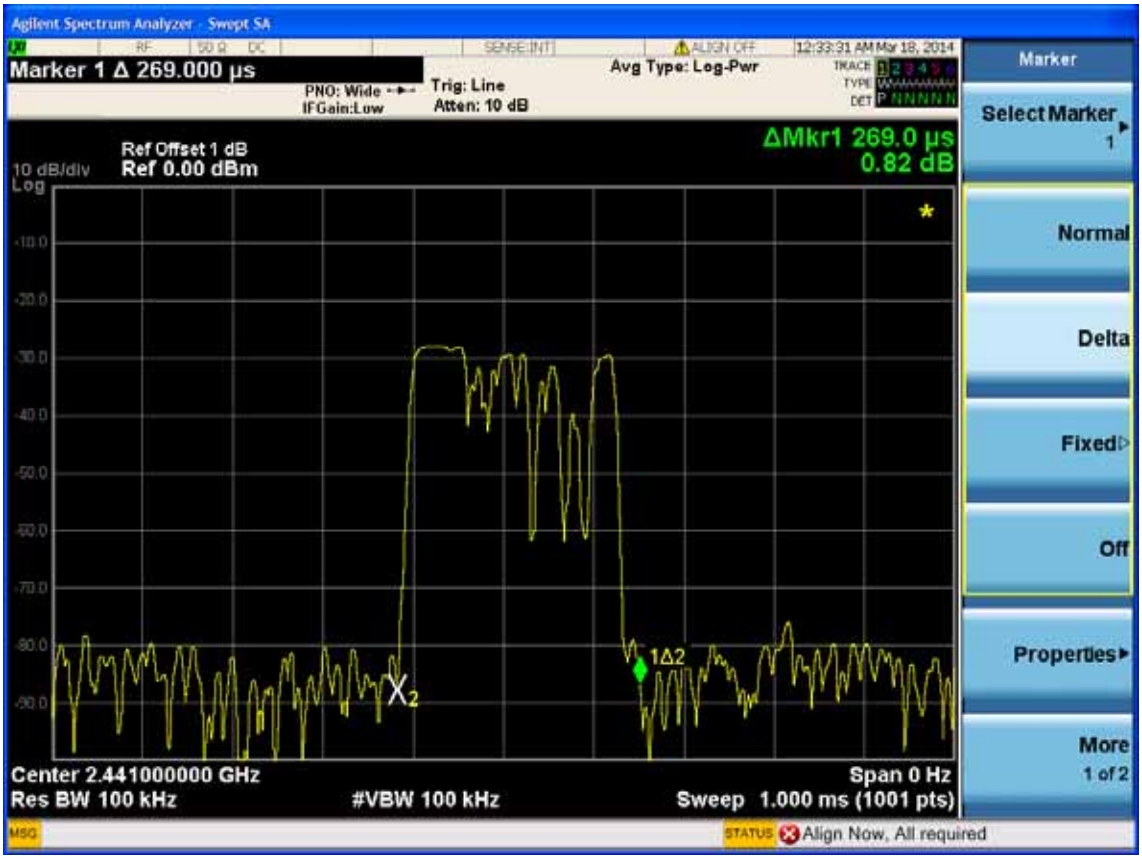
Mode		dwell time	Limit	Conclusion
GFSK	DH1	51hops/5s*0.4*79chanels*0.253ms=81.55ms	<400ms	PASS
	DH3	21hops/5s*0.4*79chanels*0.269ms=35.70ms	<400ms	PASS
	DH5	17hops/5s*0.4*79chanels*0.259ms=27.83ms	<400ms	PASS
8-DPSK	DH1	51hops/5s*0.4*79chanels*0.254ms=81.87ms	<400ms	PASS
	DH3	24hops/5s*0.4*79chanels*0.268ms=40.65ms	<400ms	PASS
	DH5	16hops/5s*0.4*79chanels*0.254ms=25.68ms	<400ms	PASS

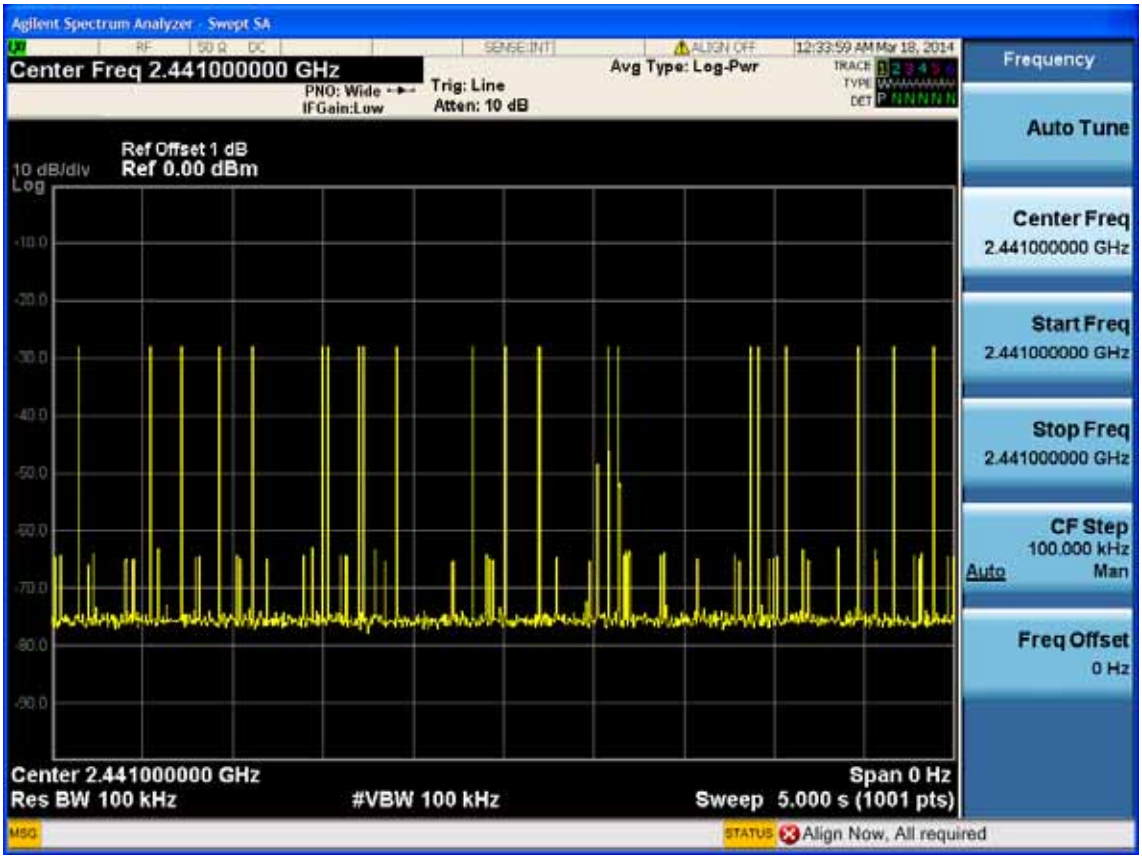
Note: All the lower levels were signal from receiver's, and should not considered in here.

Test Mode: GFSK
DH 1

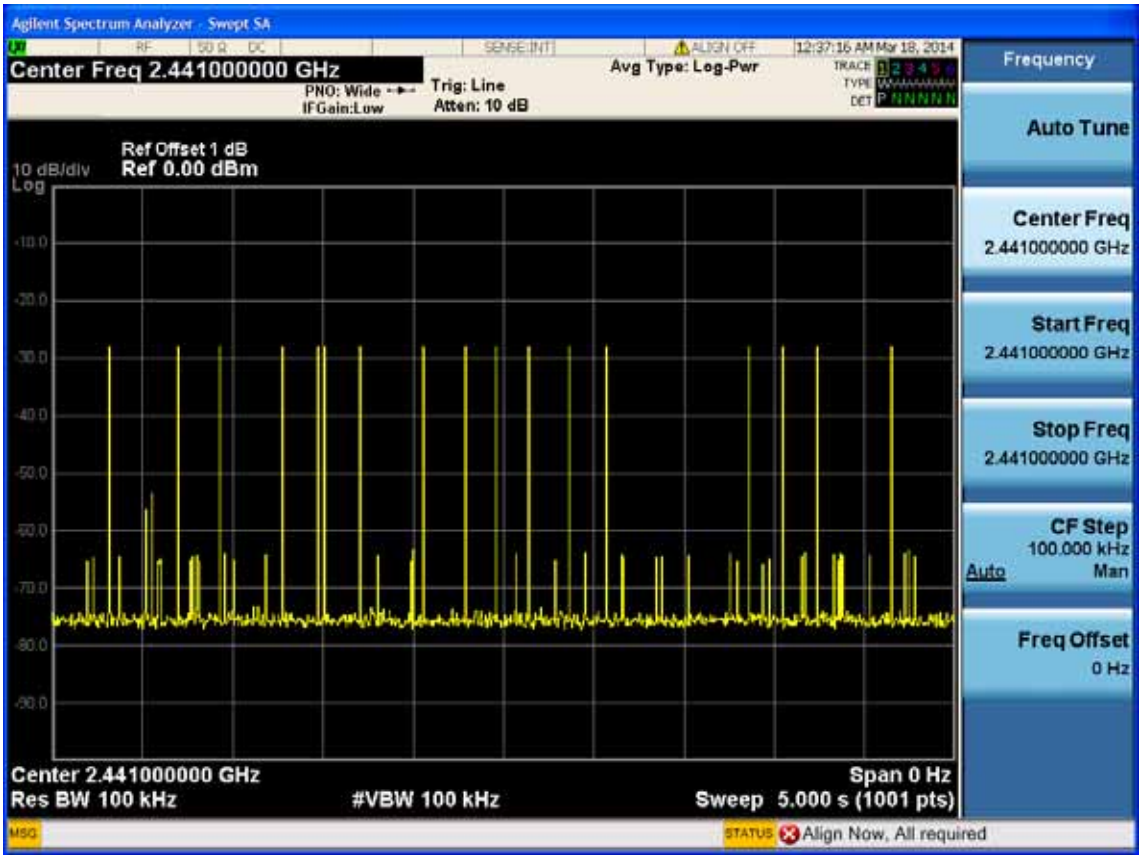


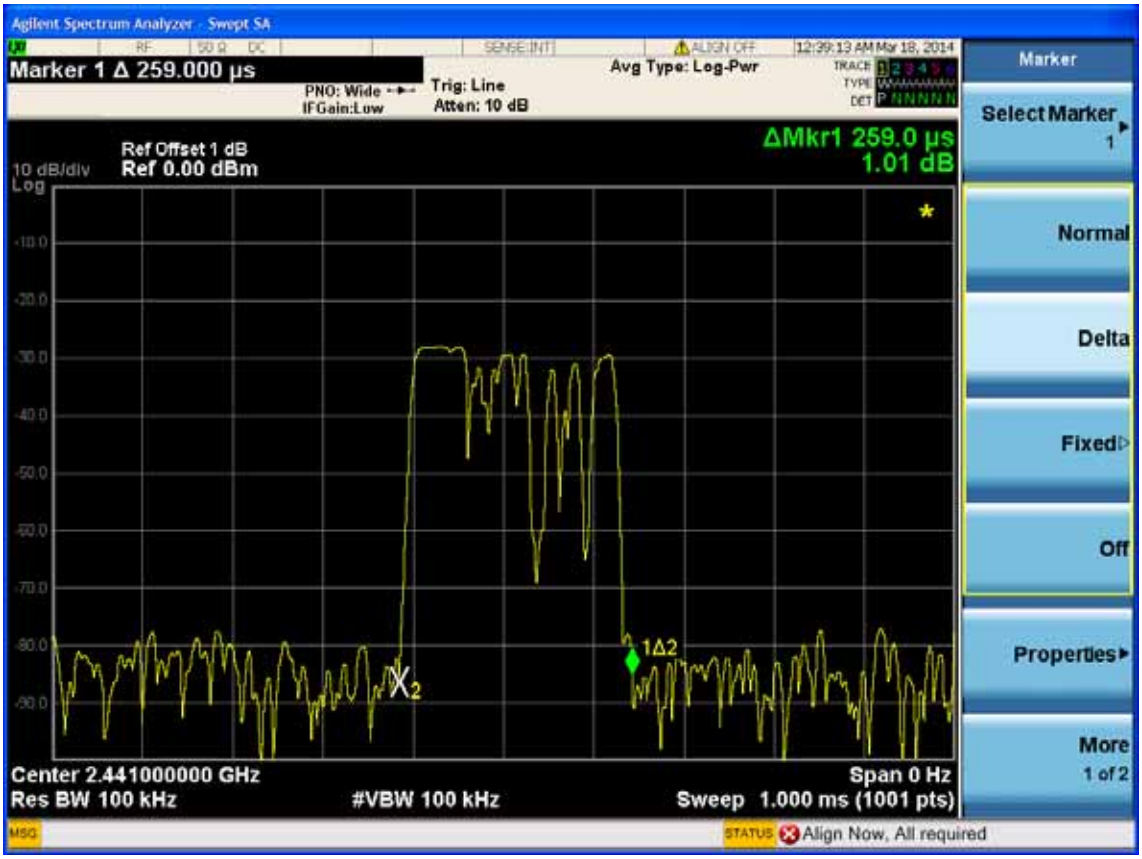
DH 3


Agilent Spectrum Analyzer - Swept SA
Marker 1 Δ 269.000 µs
PNO: Wide
IFGain:Low
Trig: Line
Atten: 10 dB
Avg Type: Log-Pwr
12:33:31 AM Mar 18, 2014
Ref Offset 1 dB
10 dB/div
Log
Ref 0.00 dBm
ΔMkr1 269.0 µs
0.82 dB
Center 2.441000000 GHz
Res BW 100 kHz
#VBW 100 kHz
Span 0 Hz
Sweep 1.000 ms (1001 pts)
Marker
Select Marker
1
Normal
Delta
Fixed
Off
Properties
More
1 of 2
Align Now, All required

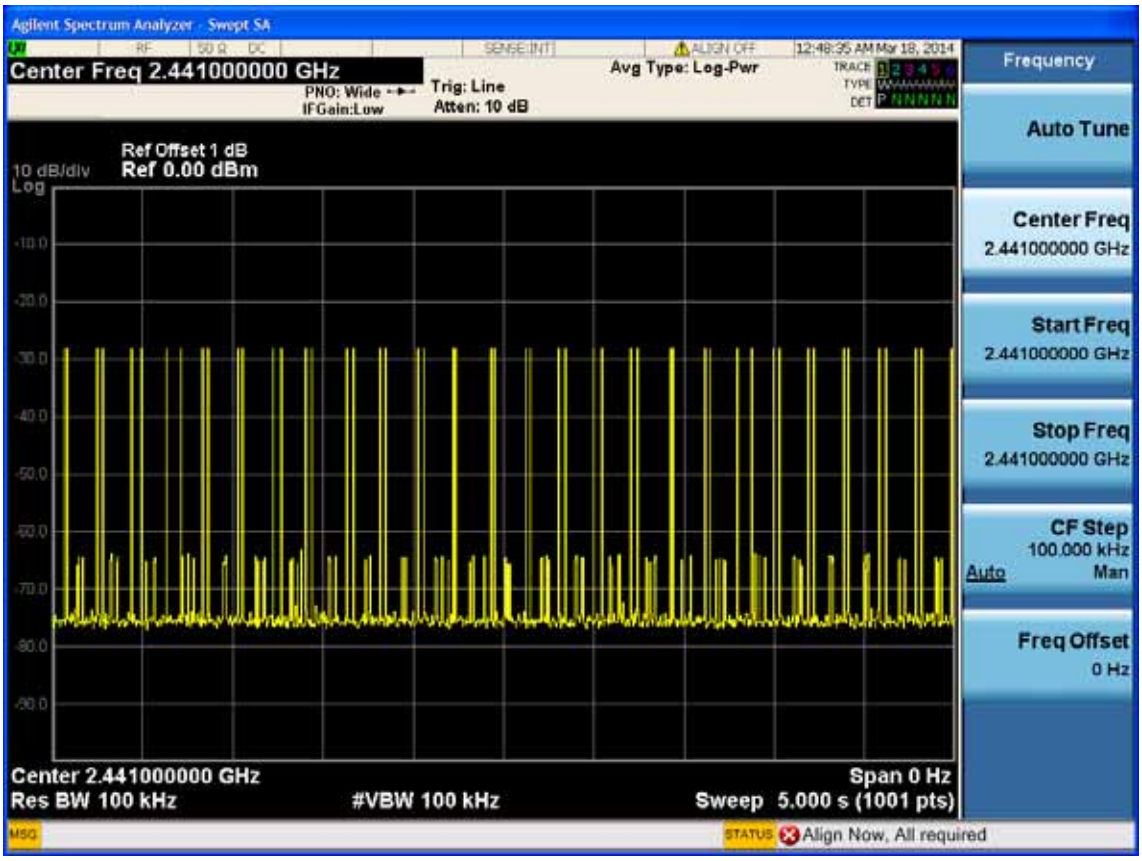

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.441000000 GHz
PNO: Wide
IFGain:Low
Trig: Line
Atten: 10 dB
Avg Type: Log-Pwr
12:33:59 AM Mar 18, 2014
Ref Offset 1 dB
10 dB/div
Log
Ref 0.00 dBm
Center 2.441000000 GHz
Res BW 100 kHz
#VBW 100 kHz
Span 0 Hz
Sweep 5.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.441000000 GHz
Start Freq
2.441000000 GHz
Stop Freq
2.441000000 GHz
CF Step
100.000 kHz
Auto
Man
Freq Offset
0 Hz
Align Now, All required

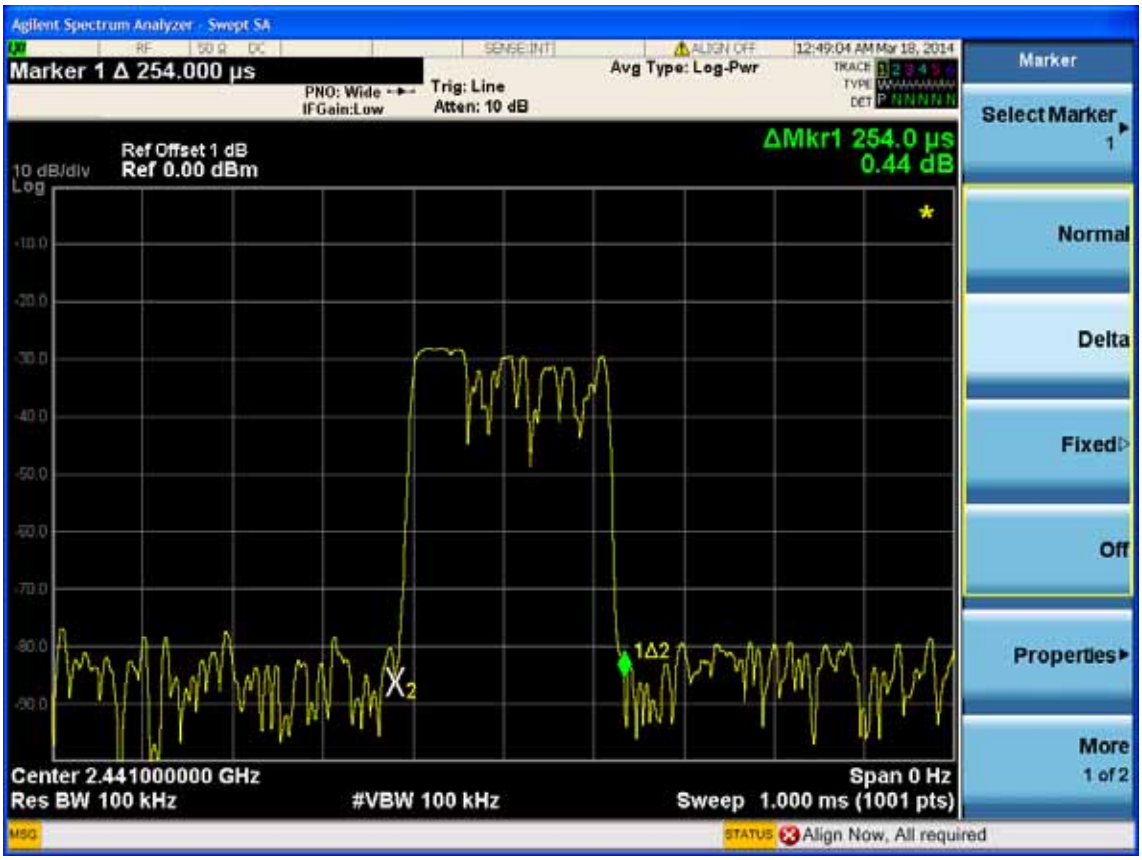
DH 5


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.441000000 GHz
PNO: Wide
IFGain:Low
Trig: Line
Atten: 10 dB
Avg Type: Log-Pwr
12:37:16 AM Mar 18, 2014
Ref Offset 1 dB
10 dB/div
Log
Ref 0.00 dBm
Center 2.441000000 GHz
Res BW 100 kHz
#VBW 100 kHz
Span 0 Hz
Sweep 5.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.441000000 GHz
Start Freq
2.441000000 GHz
Stop Freq
2.441000000 GHz
CF Step
100.000 kHz
Auto
Man
Freq Offset
0 Hz
Align Now, All required

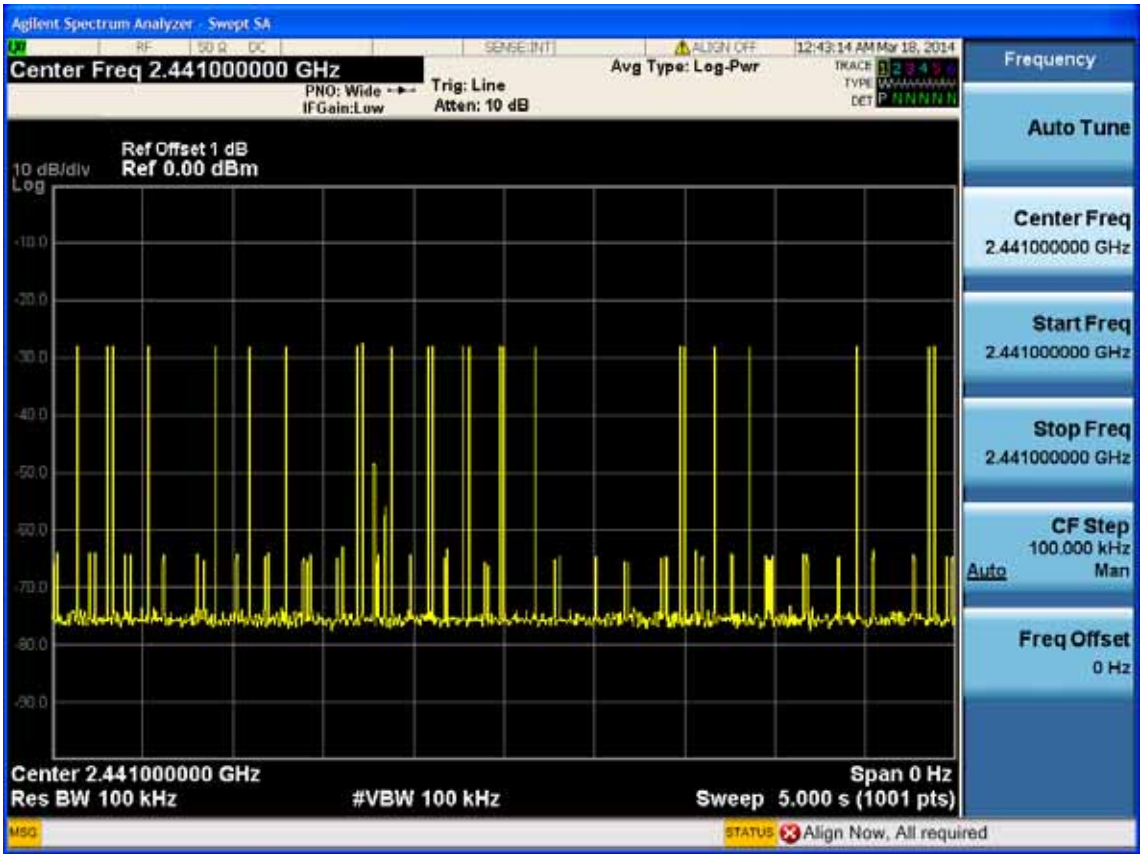

Agilent Spectrum Analyzer - Swept SA
Marker 1 Δ 259.000 µs
PNO: Wide
IFGain:Low
Trig: Line
Atten: 10 dB
Avg Type: Log-Pwr
12:39:13 AM Mar 18, 2014
ΔMkr1 259.0 µs
1.01 dB
Ref Offset 1 dB
10 dB/div
Log
Ref 0.00 dBm
Center 2.441000000 GHz
Res BW 100 kHz
#VBW 100 kHz
Span 0 Hz
Sweep 1.000 ms (1001 pts)
Marker
Select Marker
1
Normal
Delta
Fixed
Off
Properties
More
1 of 2
Align Now, All required

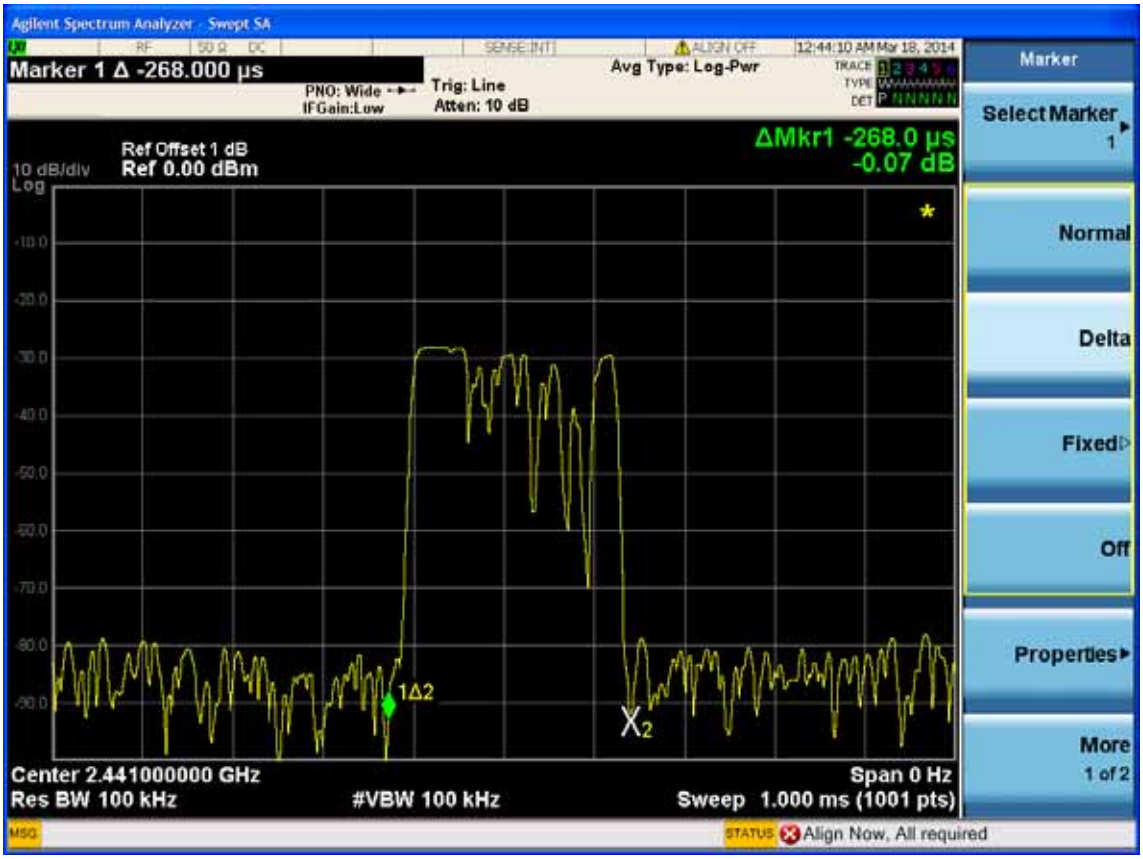
Test Mode: 8-DPSK
DH 1



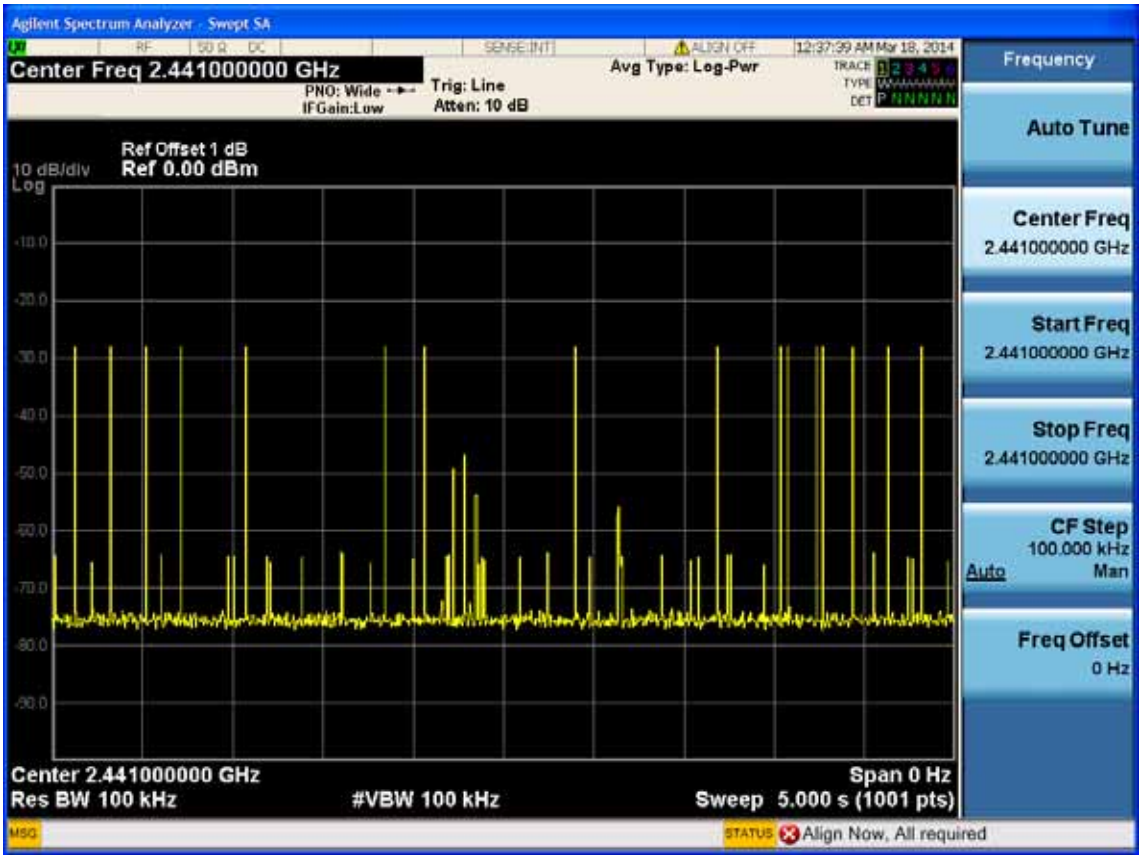


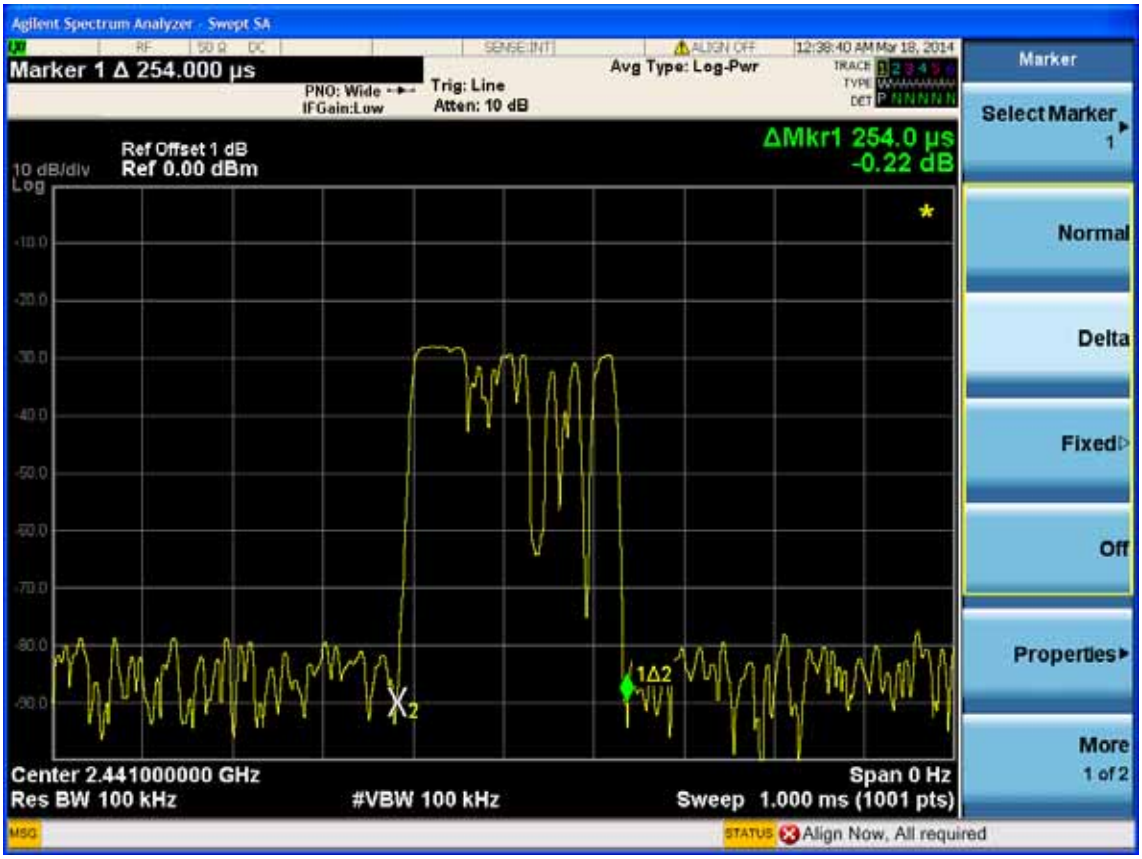
DH 3


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.441000000 GHz
PNO: Wide
IFGain:Low
Trig: Line
Atten: 10 dB
Avg Type: Log-Pwr
12:43:14 AM Mar 18, 2014
Ref Offset 1 dB
10 dB/div
Log
Ref 0.00 dBm
Center 2.441000000 GHz
Res BW 100 kHz
#VBW 100 kHz
Span 0 Hz
Sweep 5.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.441000000 GHz
Start Freq
2.441000000 GHz
Stop Freq
2.441000000 GHz
CF Step
100.000 kHz
Auto
Man
Freq Offset
0 Hz
Align Now, All required


Agilent Spectrum Analyzer - Swept SA
Marker 1 Δ -268.000 µs
PNO: Wide
IFGain:Low
Trig: Line
Atten: 10 dB
Avg Type: Log-Pwr
12:44:10 AM Mar 18, 2014
Ref Offset 1 dB
10 dB/div
Log
Ref 0.00 dBm
ΔMkr1 -268.0 µs
-0.07 dB
1Δ2
X2
Center 2.441000000 GHz
Res BW 100 kHz
#VBW 100 kHz
Span 0 Hz
Sweep 1.000 ms (1001 pts)
Marker
Select Marker
1
Normal
Delta
Fixed
Off
Properties
More
1 of 2
Align Now, All required

DH 5


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.441000000 GHz
PNO: Wide
IFGain:Low
Trig: Line
Atten: 10 dB
Avg Type: Log-Pwr
12:37:39 AM Mar 18, 2014
Ref Offset 1 dB
10 dB/div
Log
Ref 0.00 dBm
Center 2.441000000 GHz
Res BW 100 kHz
#VBW 100 kHz
Span 0 Hz
Sweep 5.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.441000000 GHz
Start Freq
2.441000000 GHz
Stop Freq
2.441000000 GHz
CF Step
100.000 kHz
Auto
Man
Freq Offset
0 Hz
Align Now, All required


Agilent Spectrum Analyzer - Swept SA
Marker 1 Δ 254.000 µs
PNO: Wide
IFGain:Low
Trig: Line
Atten: 10 dB
Avg Type: Log-Pwr
12:38:40 AM Mar 18, 2014
ΔMkr1 254.0 µs
-0.22 dB
Ref Offset 1 dB
10 dB/div
Log
Ref 0.00 dBm
Center 2.441000000 GHz
Res BW 100 kHz
#VBW 100 kHz
Span 0 Hz
Sweep 1.000 ms (1001 pts)
Marker
Select Marker
1
Normal
Delta
Fixed
Off
Properties
More
1 of 2
Align Now, All required

10. MAXIMUM PEAK OUTPUT POWER TEST

10.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	Agilent	N9030A	MY51380221	Oct.31, 13	1 Year
2.	Amp	HP	8449B	3008A08495	May.08, 13	1 Year
3.	Horn Antenna	EMCO	3115	9510-4580	May.28, 13	1 Year
4.	HF Cable	Hubersuhne	Sucoflex104	-	May.08, 13	1 Year
5.	Power Meter	Anritsu	ML2487A	6K00002472	May.08, 13	1 Year
6.	Power Sensor	Anritsu	MA2491A	033005	May.08, 13	1 Year

10.2. Limit

For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.

10.3. Test Procedure

Connected the EUT's antenna port to Power Sensor, and use power meter to test peak output power Directly.

10.4. Test Results

EUT: Steno Keyboard Folio for iPad Air		
M/N: IPD-337		
Test date: 2014-03-18	Pressure: 101.2±1.0 kpa	Humidity: 52.1±3.0%
Tested by: Leo-Li	Test site: RF site	Temperature: 21.5±0.6 ℃

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	CH (MHz)	Peak output Power （dBm）	Limit (dBm)
GFSK	2402	-3.896	30
	2441	-3.810	30
	2480	-2.235	30
8-DPSK	2402	-3.889	30
	2441	-3.792	30
	2480	-2.242	30
Conclusion: PASS			

11. BAND EDGE COMPLIANCE TEST

11.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	Agilent	N9030A	MY51380221	Oct.31, 13	1Year
2.	Amp	HP	8449B	3008A08495	May.08, 13	1 Year
3.	Horn Antenna	EMCO	3115	9510-4580	May.28, 13	1 Year
4.	HF Cable	Hubersuhne	Sucoflex104	-	May.08, 13	1 Year

11.2. Limit

All the lower and upper band-edges emissions appearing within 2310MHz to 2390MHz and 2483.5MHz to 2500MHz restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions outside operation frequency band 2400MHz to 2483.5MHz shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

11.3. Test Produce

For upper band emissions that are up to two bandwidths(2MHz) away (2483.5MHz to 2485.5MHz） from the band-edge use below produce:

1. Choose a spectrum analyzer span that encompasses both the peak of the fundamental emission and the band-edge emission under investigation. Set the analyzer RBW to 100KHz and with a video bandwidth 300KHz. Record the peak levels of the fundamental emission and the relevant band-edge emission, Observe the stored trace and measure the amplitude delta between the peak of the fundamental and the peak of the band-edge emission. This is not a field strength measurement, it is only a relative measurement to determine the amount by which the emission drops at the band edge relative to the highest fundamental emission level.
2. Subtract the delta measured in step (1) from the maximum field strengths measured in clause 4 .The resultant field strengths are then used to determine band-edge compliance as required by Section 15.205

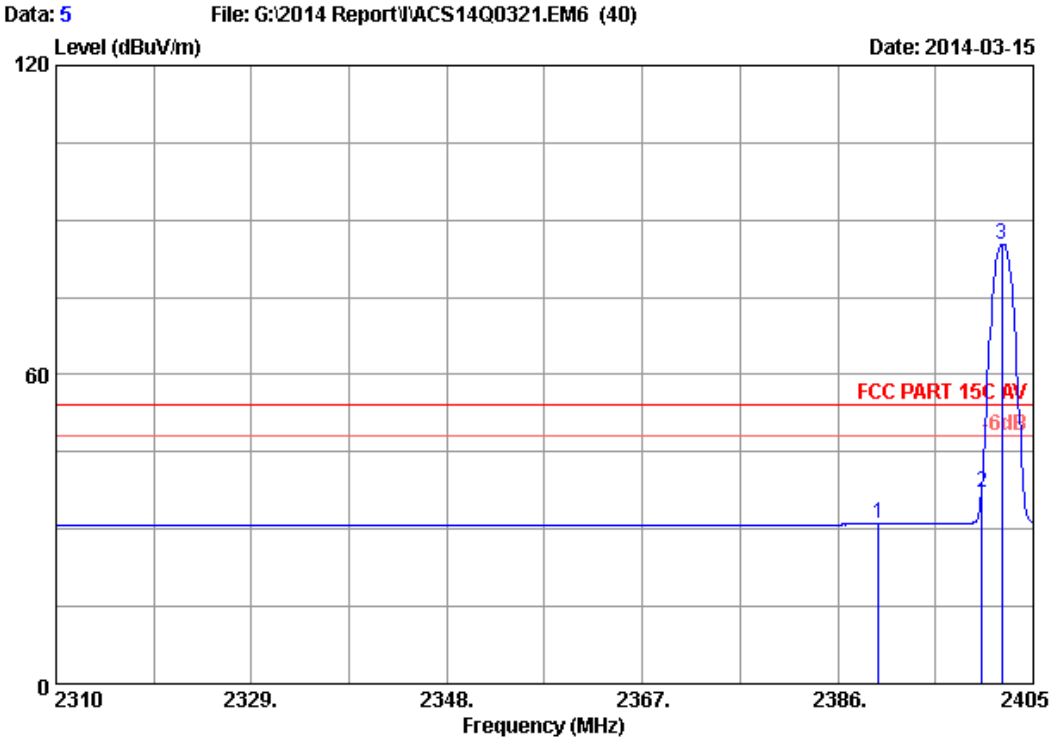
For emissions above two bandwidths away from the band-edge use below produce:

1. The EUT is placed on a turntable, which is 0.8m above the ground plane and worked at highest radiated power.
2. The turntable was rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
4. Set the spectrum analyzer in the following setting in order to capture the lower and upperband-edges of the emission:
   (a) PEAK: RBW=1MHz ;VBW=3MHz, PK detector, Sweep=AUTO
   (b) AV: RBW=1MHz; VBW=10Hz; Sweep=Auto.

11.4. Test Results

Pass (The testing data was attached in the next pages.)

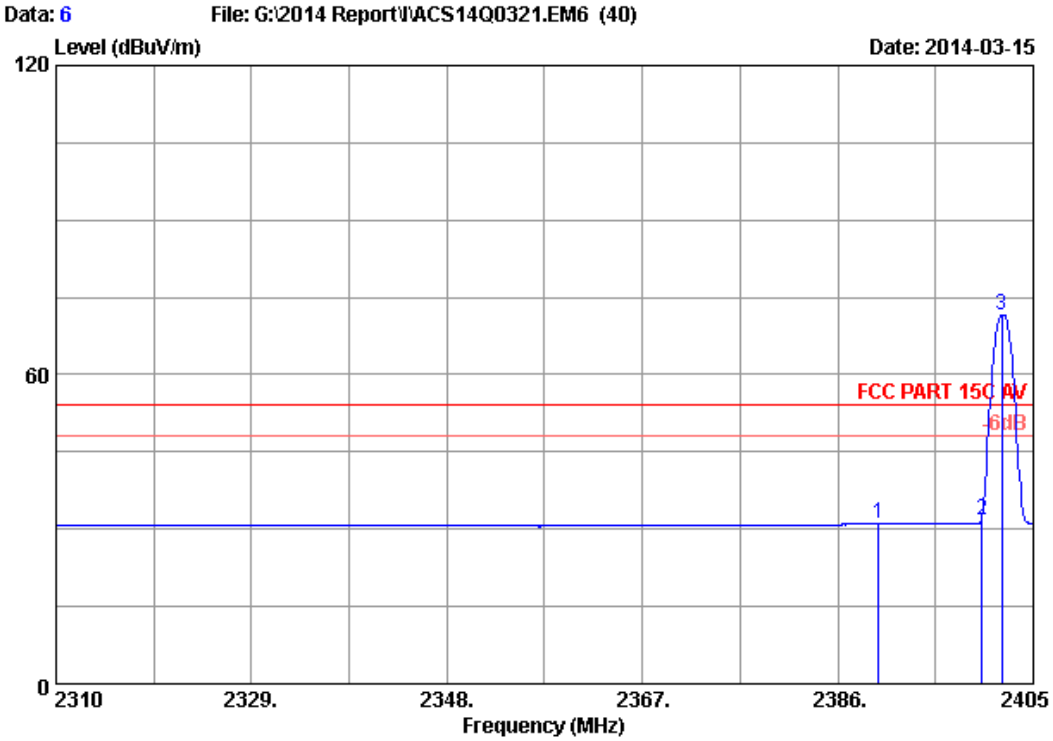
Note: If the PK measured levels comply with average limit, then the average level were deemed to comply with average limit.



Site no. : 3m Chamber Data no. : 5
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : GFSK 2402MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.16	5.78	35.70	32.75	30.99	54.00	23.01	Average
2	2400.000	28.18	5.80	35.70	38.70	36.98	54.00	17.02	Average
3	2401.960	28.18	5.80	35.70	87.12	85.40	54.00	-31.40	Average

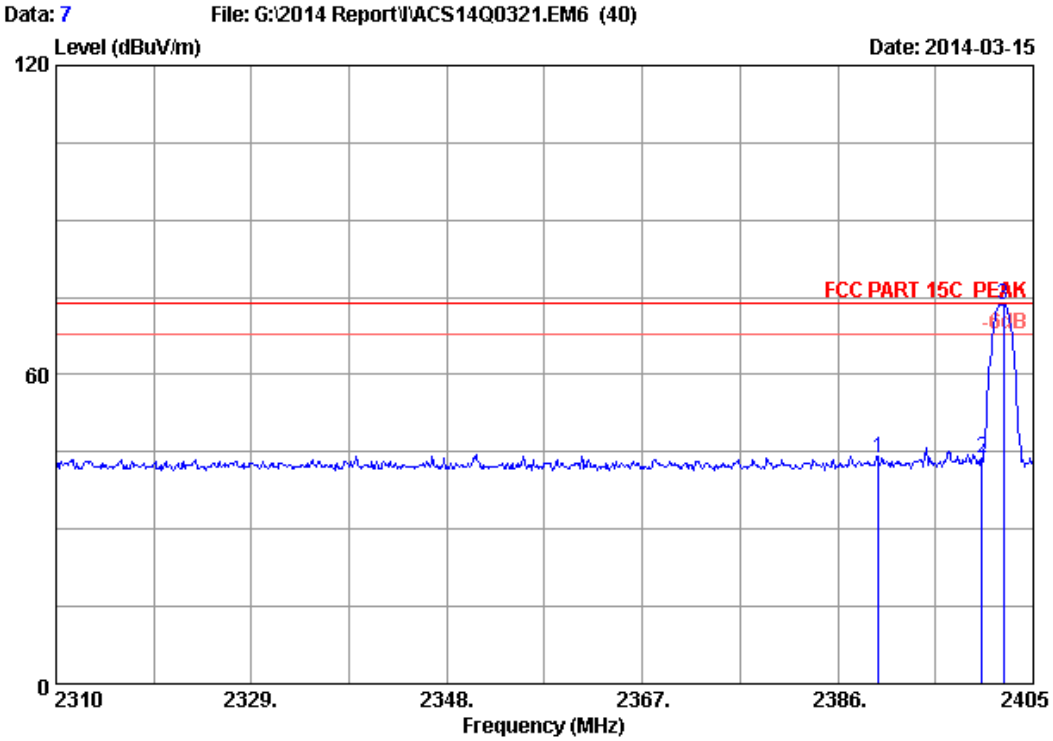
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 6
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : GFSK 2402MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.16	5.78	35.70	32.86	31.10	54.00	22.90	Average
2	2400.000	28.18	5.80	35.70	33.53	31.81	54.00	22.19	Average
3	2401.960	28.18	5.80	35.70	73.41	71.69	54.00	-17.69	Average

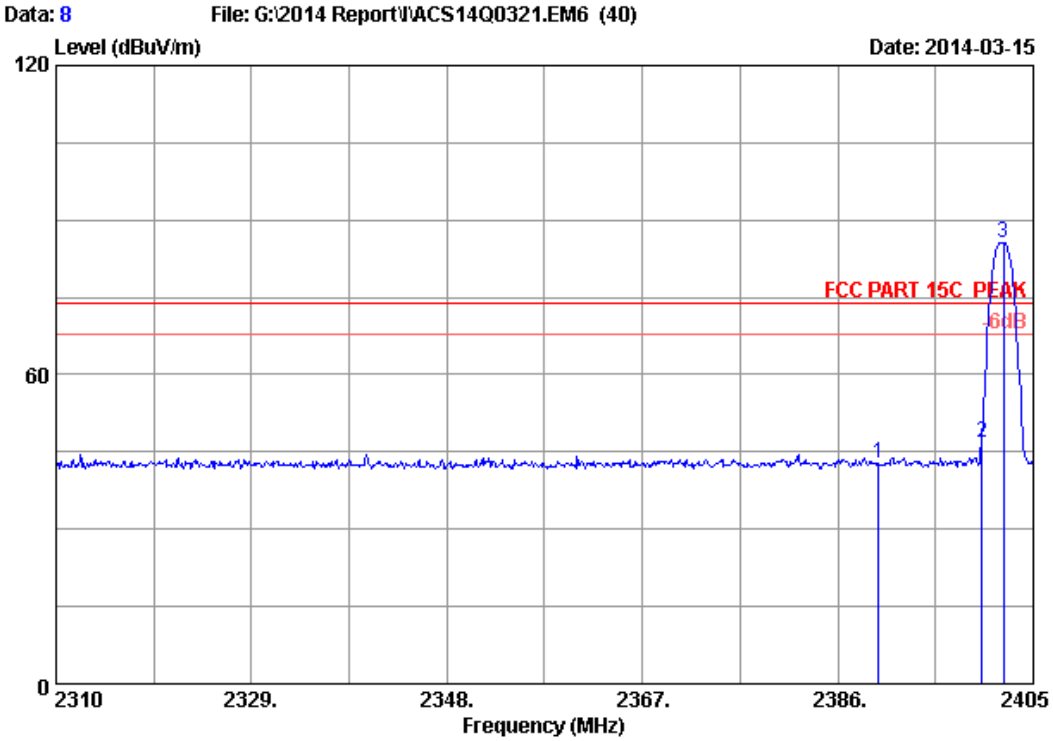
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 7
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : GFSK 2402MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.16	5.78	35.70	45.58	43.82	74.00	30.18	Peak
2	2400.000	28.18	5.80	35.70	45.60	43.88	74.00	30.12	Peak
3	2402.150	28.18	5.80	35.70	75.18	73.46	74.00	0.54	Peak

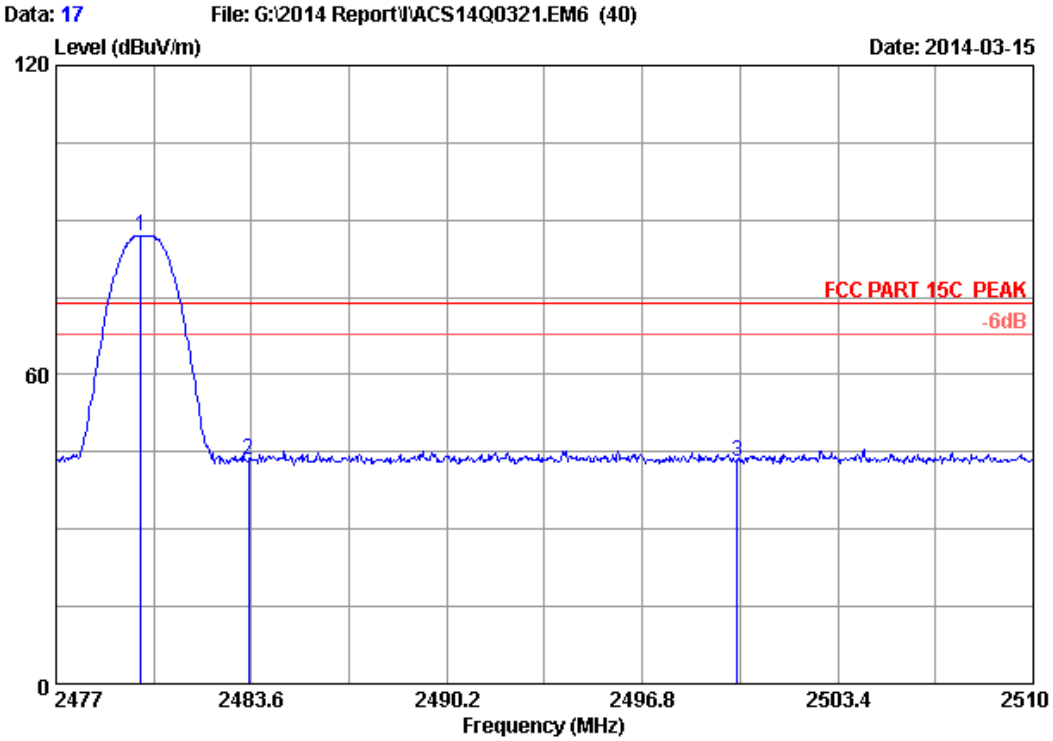
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 8
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : GFSK 2402MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.16	5.78	35.70	44.58	42.82	74.00	31.18	Peak
2	2400.000	28.18	5.80	35.70	48.39	46.67	74.00	27.33	Peak
3	2402.150	28.18	5.80	35.70	87.24	85.52	74.00	-11.52	Peak

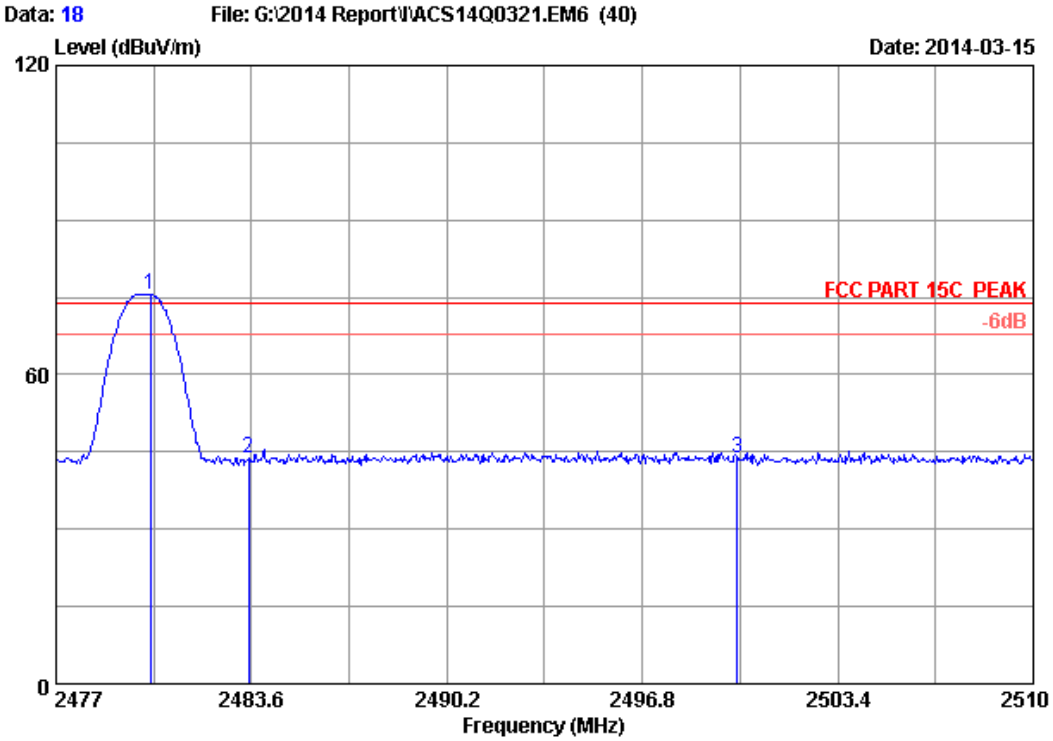
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 17
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : GFSK 2480MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2479.871	28.36	5.91	35.70	88.42	86.99	74.00	-12.99	Peak
2	2483.500	28.36	5.92	35.70	44.81	43.39	74.00	30.61	Peak
3	2500.000	28.40	5.94	35.70	44.57	43.21	74.00	30.79	Peak

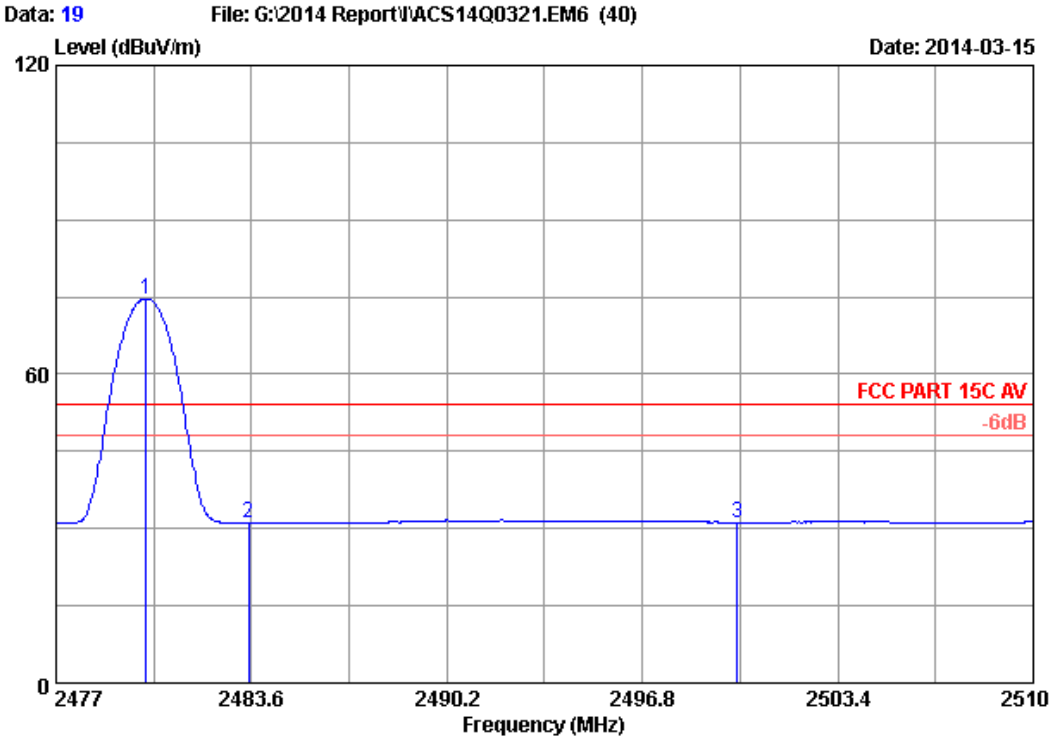
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 18
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : GFSK 2480MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2480.201	28.36	5.91	35.70	76.97	75.54	74.00	-1.54	Peak
2	2483.500	28.36	5.92	35.70	45.10	43.68	74.00	30.32	Peak
3	2500.000	28.40	5.94	35.70	45.19	43.83	74.00	30.17	Peak

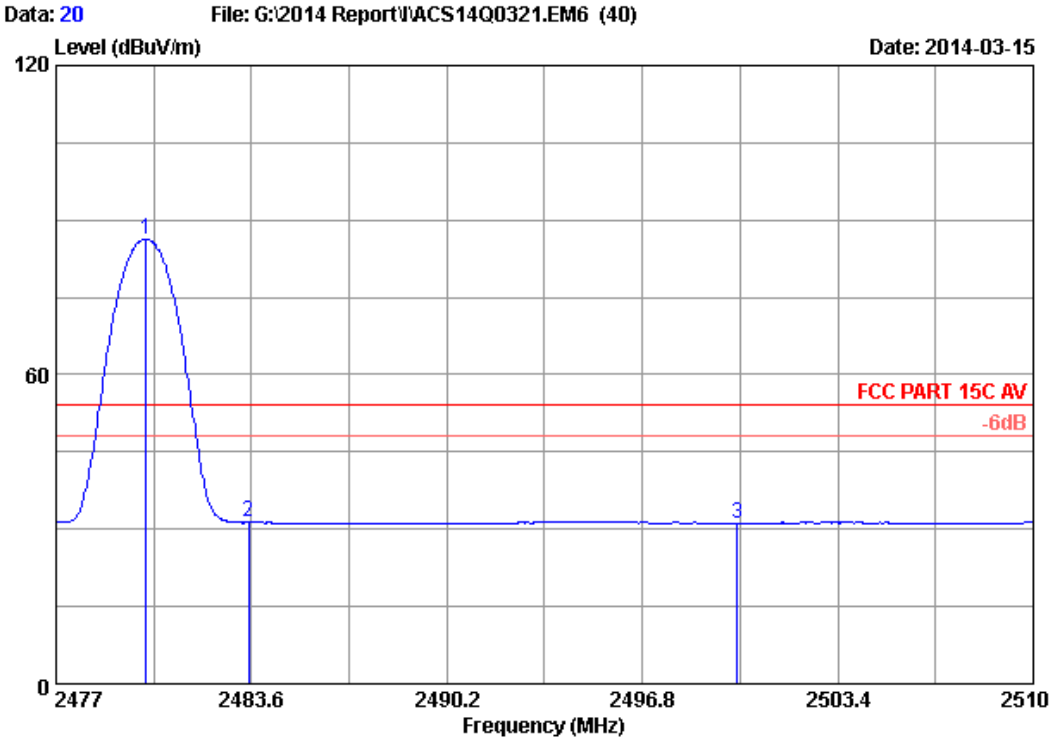
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 19
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : GFSK 2480MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2480.036	28.36	5.91	35.70	76.07	74.64	54.00	-20.64	Average
2	2483.500	28.36	5.92	35.70	32.56	31.14	54.00	22.86	Average
3	2500.000	28.40	5.94	35.70	32.56	31.20	54.00	22.80	Average

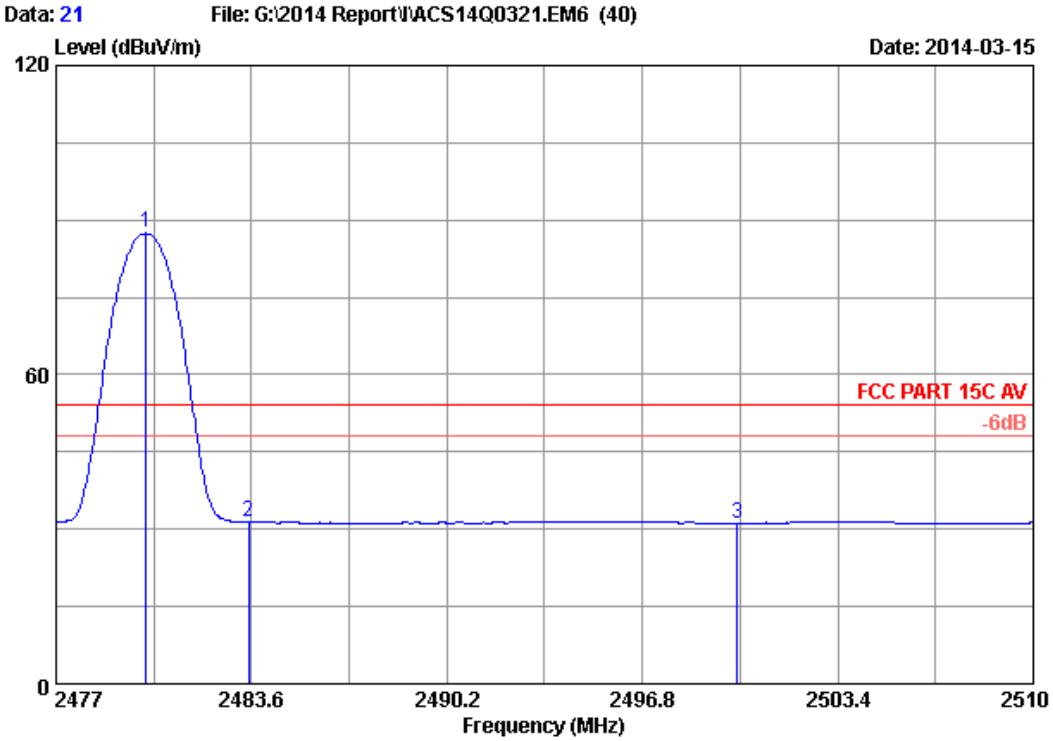
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 20
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : GFSK 2480MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2480.036	28.36	5.91	35.70	87.67	86.24	54.00	-32.24	Average
2	2483.500	28.36	5.92	35.70	32.70	31.28	54.00	22.72	Average
3	2500.000	28.40	5.94	35.70	32.55	31.19	54.00	22.81	Average

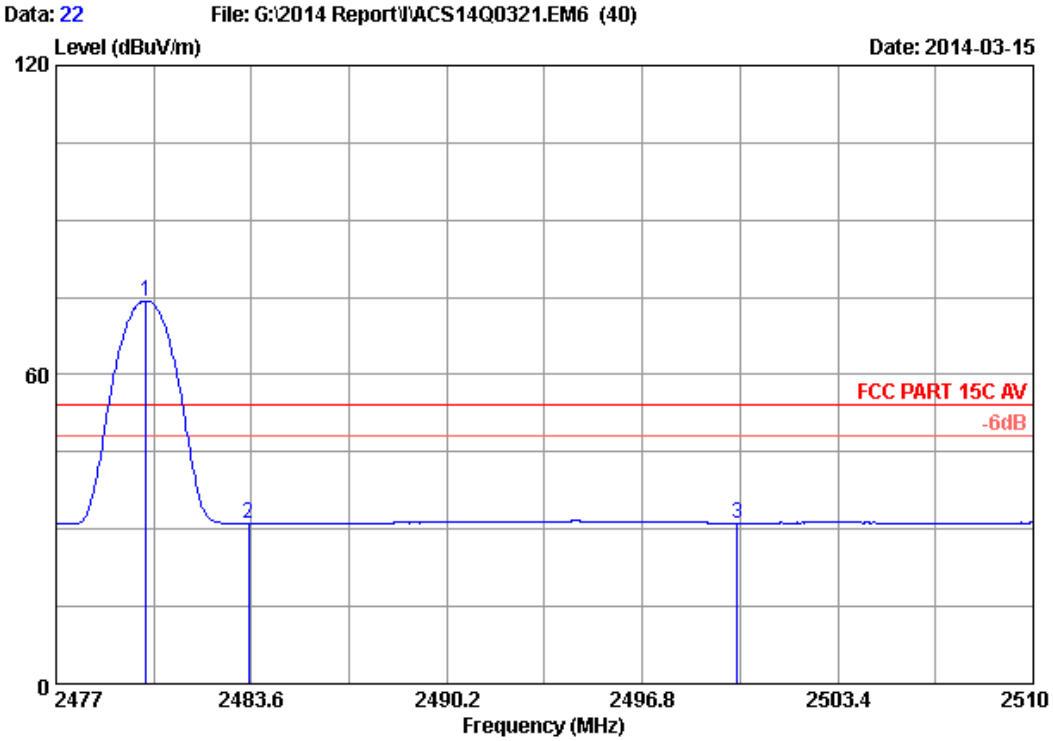
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 21
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : 8-DPSK 2480MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2480.036	28.36	5.91	35.70	88.84	87.41	54.00	-33.41	Average
2	2483.500	28.36	5.92	35.70	32.76	31.34	54.00	22.66	Average
3	2500.000	28.40	5.94	35.70	32.53	31.17	54.00	22.83	Average

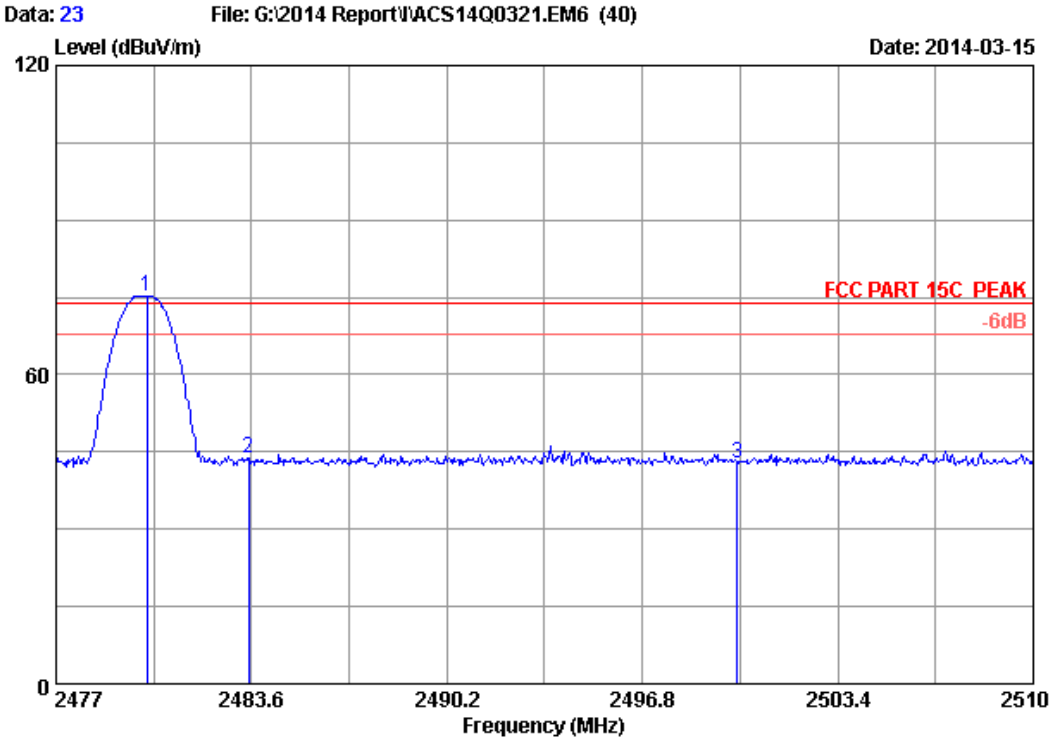
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 22
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : 8-DPSK 2480MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2480.036	28.36	5.91	35.70	75.75	74.32	54.00	-20.32	Average
2	2483.500	28.36	5.92	35.70	32.55	31.13	54.00	22.87	Average
3	2500.000	28.40	5.94	35.70	32.57	31.21	54.00	22.79	Average

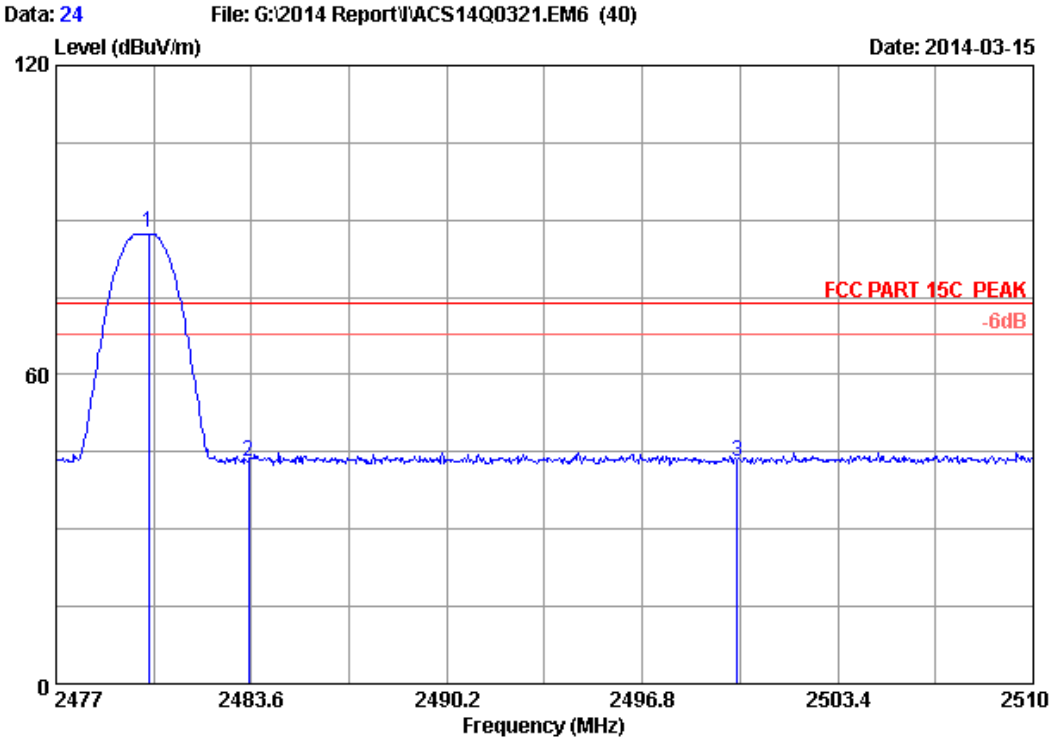
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 23
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : 8-DPSK 2480MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2480.069	28.36	5.91	35.70	76.76	75.33	74.00	-1.33	Peak
2	2483.500	28.36	5.92	35.70	45.28	43.86	74.00	30.14	Peak
3	2500.000	28.40	5.94	35.70	44.11	42.75	74.00	31.25	Peak

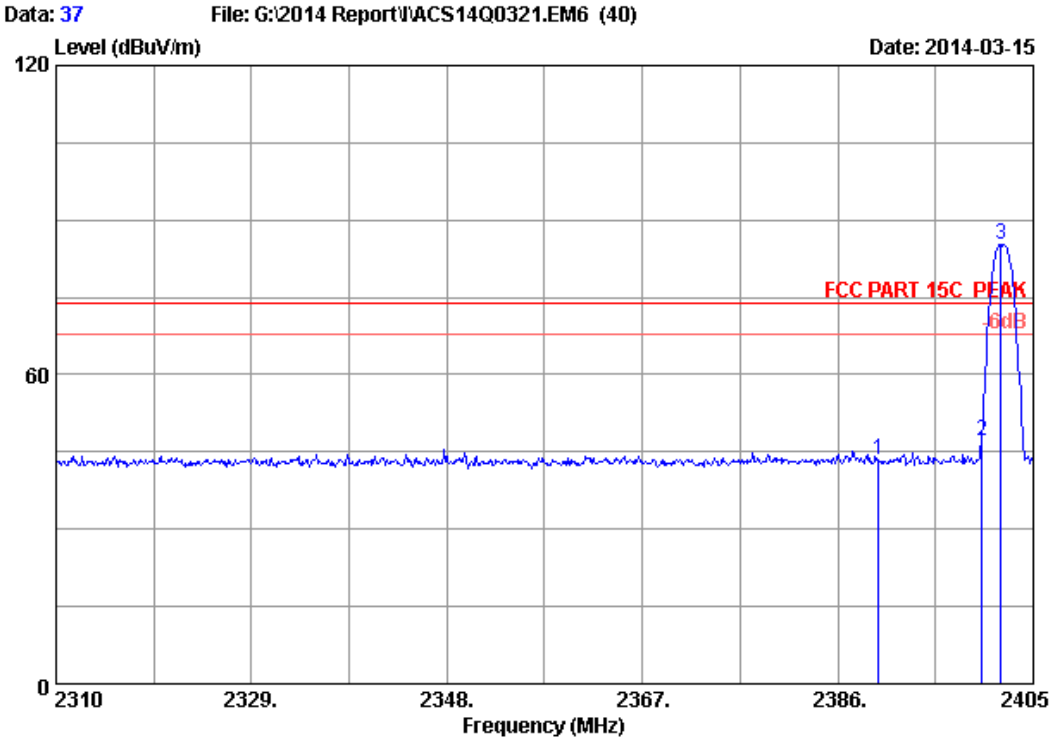
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 24
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : 8-DPSK 2480MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2480.135	28.36	5.91	35.70	88.94	87.51	74.00	-13.51	Peak
2	2483.500	28.36	5.92	35.70	44.55	43.13	74.00	30.87	Peak
3	2500.000	28.40	5.94	35.70	44.49	43.13	74.00	30.87	Peak

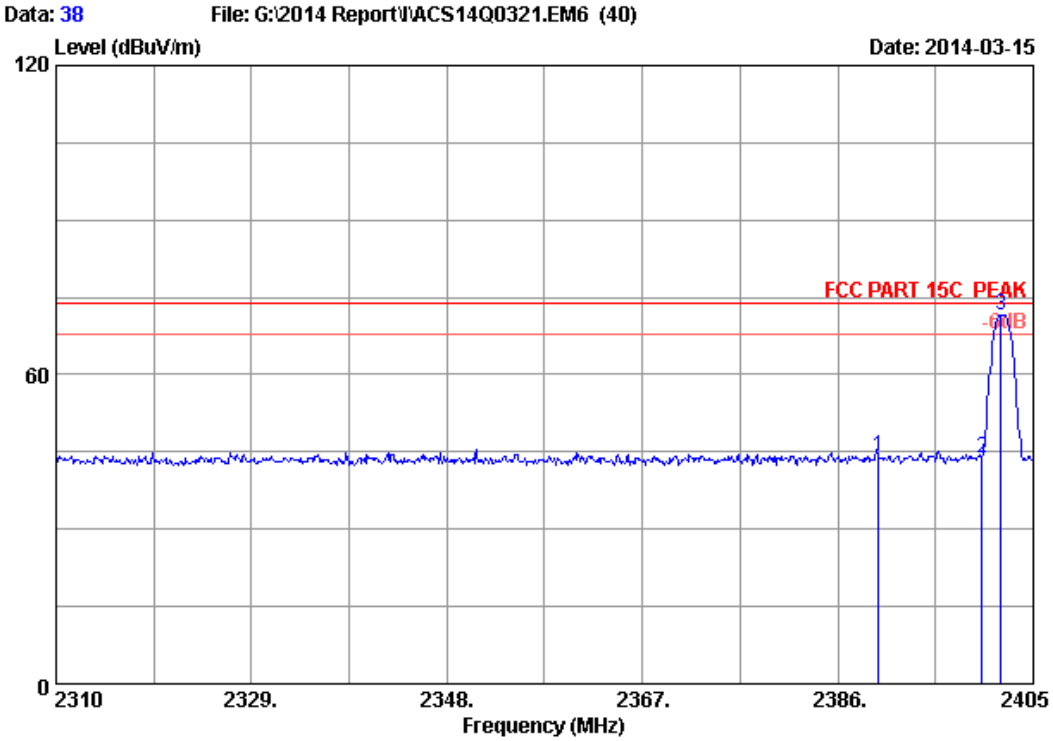
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 37
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : 8-DPSK 2402MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.16	5.78	35.70	45.28	43.52	74.00	30.48	Peak
2	2400.000	28.18	5.80	35.70	48.72	47.00	74.00	27.00	Peak
3	2401.865	28.18	5.80	35.70	86.83	85.11	74.00	-11.11	Peak

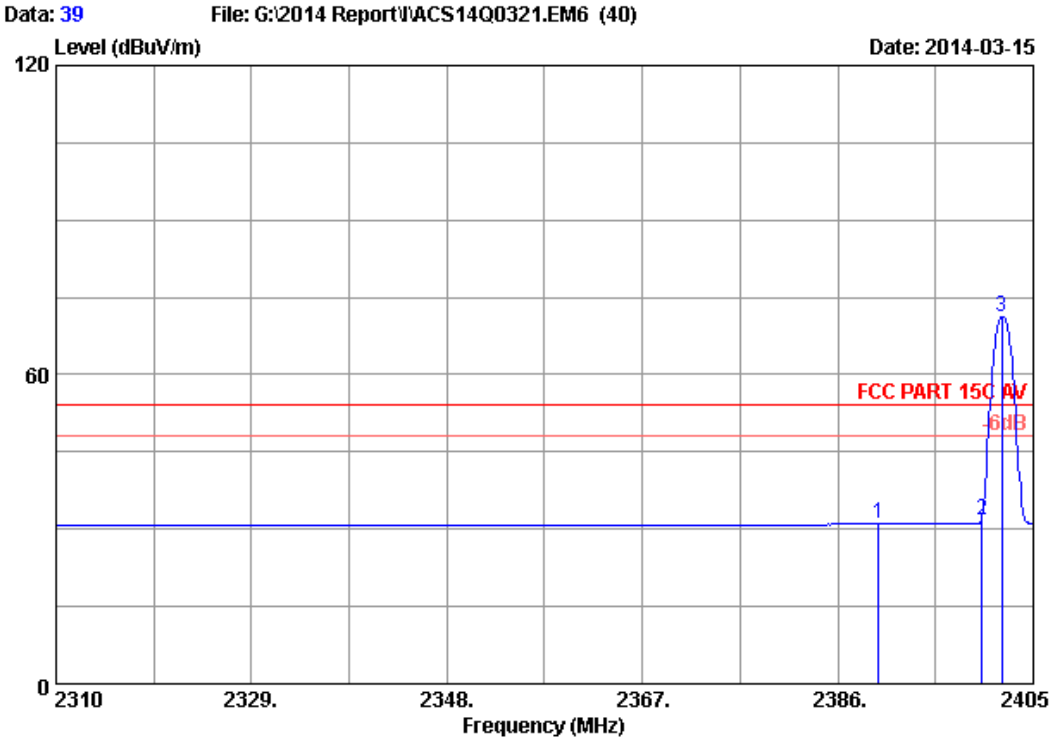
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 38
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : 8-DPSK 2402MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.16	5.78	35.70	45.99	44.23	74.00	29.77	Peak
2	2400.000	28.18	5.80	35.70	45.52	43.80	74.00	30.20	Peak
3	2401.865	28.18	5.80	35.70	73.38	71.66	74.00	2.34	Peak

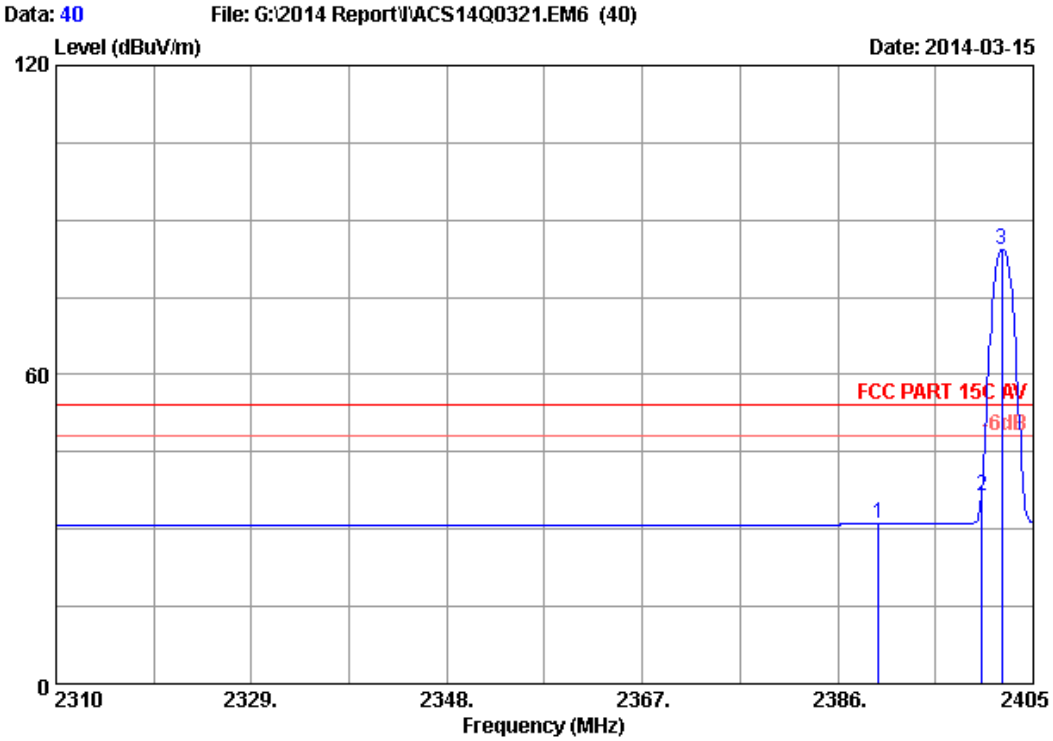
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 39
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : 8-DPSK 2402MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.16	5.78	35.70	32.89	31.13	54.00	22.87	Average
2	2400.000	28.18	5.80	35.70	33.54	31.82	54.00	22.18	Average
3	2401.960	28.18	5.80	35.70	73.01	71.29	54.00	-17.29	Average

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



Site no. : 3m Chamber Data no. : 40
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : Steno Keyboard Folio for iPad Air
Power Rating : DC 5V From PC Input AC 120V/60Hz
Test Mode : 8-DPSK 2402MHz Tx Mode
M/N : IPD-337

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.16	5.78	35.70	32.74	30.98	54.00	23.02	Average
2	2400.000	28.18	5.80	35.70	38.21	36.49	54.00	17.51	Average
3	2401.960	28.18	5.80	35.70	86.03	84.31	54.00	-30.31	Average

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

12. DEVIATION TO TEST SPECIFICATIONS

[NONE]