FCC PART 15C TEST REPORT FOR CERTIFICATION
On Behalf of

BYD Precision Manufacture Co., Ltd

Tablet PC

Brand Name	Model No.
TOSHIBA	AT10-B

FCC ID: ZW9-PDA0L

Prepared for : BYD Precision Manufacture Co., Ltd
No.3001, Baohe Road, Baolong Industrial, Longgang,
Shenzhen, P.R., China.

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-F14256
Date of Test : Jul.24~Aug.04, 2014
Date of Report : Aug.13, 2014

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TEST REPORT CERTIFICATION

Applicant	:	BYD Precision Manufacture Co., Ltd
Manufacturer	:	TOSHIBA CORPORATION
EUT Description	:	Tablet PC
FCC ID	:	ZW9-PDA0L

(A) MODEL NO. & BRAND NAME :

Brand Name	Model No.
TOSHIBA	AT10-B

(B) SERIAL NO. : N/A

(C) TEST VOLTAGE : DC 5V From Adapter Input AC 120V/60Hz

Tested for comply with:
FCC Rules and Regulations Part 15 Subpart C: 2013

Test procedure used:
ANSI C63.10:2009
KDB789033D01: KDB644545D01

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. This report contains data that are not covered by the NVLAP accreditation. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC and IC requirements.

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 : Jul.24~Aug.04, 2014 Report of date: Aug.13, 2014

Prepared by : Sonia Lee / Assistant

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 8.21

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	FCC Part 15: 15.207 ANSI C63.10: 2009	PASS
Radiated Emission	FCC Part 15: 15.209 ANSI C63.10: 2009	PASS
Band Edge Compliance	FCC Part 15: 15.247 ANSI C63.10: 2009	PASS
26dB Bandwidth Test	FCC Part 15: 15.407(a)	PASS
Output Power Test	FCC Part 15: 15.407(a)	PASS
Power Spectral Density Test	FCC Part 15: 15.407(a)	PASS
Peak Excursion	FCC Part 15: 15.407(a)	PASS
Frequency Stability	FCC Part 15: 15.407(g) ANSI C63.10: 2009	PASS
Antenna requirement	FCC Part 15: 15.203	PASS

2. GENERAL INFORMATION

2.1.Description of Device (EUT)

Product Name : Tablet PC

Model Number& Brand Name :

Brand Name	Model No.
TOSHIBA	AT10-B

FCC ID : ZW9-PDA0L

Radio : Bluetooth V2.1+EDR; Bluetooth V4.0; IEEE802.11 a/b/g/n

Operation Frequency : IEEE 802.11a: 5180MHz—5240MHz, 5260MHz—5320MHz, 5500MHz—5700MHz, 5745MHz—5825MHz
IEEE 802.11b: 2412MHz—2462MHz
IEEE 802.11g: 2412MHz—2462MHz
IEEE802.11nHT20: 2412MHz—2462MHz, 5180MHz—5240MHz, 5260MHz—5320MHz, 5500MHz—5700MHz, 5745MHz—5825MHz
Bluetooth: 2402-2480MHz

Modulation Technology : IEEE 802.11b: DSSS(CCK,DQPSK,DBPSK)
IEEE 802.11a/g: OFDM(64QAM, 16QAM, QPSK, BPSK)
IEEE 802.11n HT20: OFDM (64QAM, 16QAM,QPSK,BPSK)
Bluetooth V2.1+EDR: GFSK, π/4DQPSK,8-DPSK
Bluetooth V4.0: GFSK

Antenna Assembly Gain& type : PIFA Antenna,
2.4GHz: 2.65dBi(max)
5GHz: 3.8dBi(max)

USB Cable : Shielded, Detachable, 90cm

Power Adapter 1# : Manufacturer: Meic; Model No.: MN-A208-L120
Input: 100-240V~, 50/60Hz, 0.3A Max
Output: 5V---1.5A

Power Adapter 2# : Manufacturer: Meic; Model No.: MN-A110-L120
Input: 100-240V~, 50/60Hz, 0.3A Max
Output: 5V---2A

Power Adapter 3# : Manufacturer: Chicony; Model No.: W12-010N3A
Input: 100-240V~, 50/60Hz, 0.3A
Output: 5V---2A

Applicant : BYD Precision Manufacture Co., Ltd
No.3001, Baohe Road, Baolong Industrial, Longgang, Shenzhen, P.R., China.

Manufacturer : TOSHIBA CORPORATION
1-1, Shibaura 1-Chome, Minato-ku, Tokyo, Japan

Date of Test : Jul.14~27, 2014

Date of Receipt : Jul.13, 2014

Sample Type : Prototype production

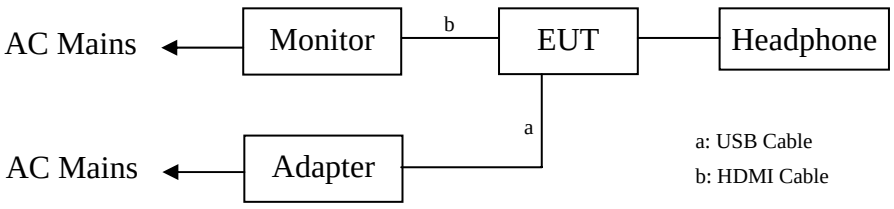
2.2. Test information

A special test software was used to control EUT work in Continuous TX mode(100% duty cycle), and select test channel, wireless mode and data rate.

2.3.Tested Supporting System Details

No.	Description	ACS No.	Manufacturer	Model	Serial Number	Approved type
1.	Headphone	ACS-EMC-EP01	Headphone	OVANN	OV880V	N/A
		Cable: Shielded, Undetachabled, 4.0m				
2.	Monitor	N/A	SUMSUNG	S27A950D	N/A	☑CCC
		Data Cable (HDMI): Shielded, Detachable, 2.0m				

2.4.Block Diagram of Test Setup



(EUT: Tablet PC)

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: May.14, 2017
	:	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, 2015

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

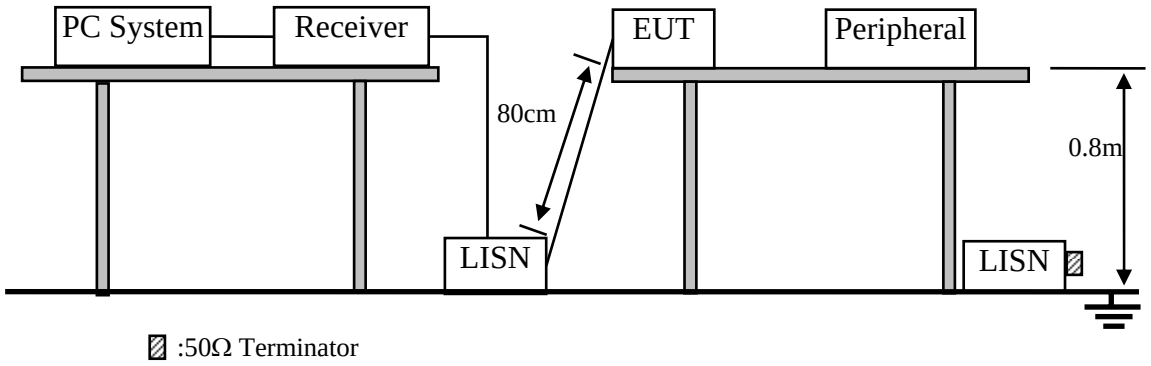
Test Item	Uncertainty	Memo
Uncertainty for Conducted emission test in No. 1 Conduction	±3.10 dB	150KHz to 30MHz
Uncertainty for Radiated Emission test in 3m chamber	±3.22 dB	30~200MHz, Polarization: H
	±3.23 dB	30~200MHz, Polarization: V
	±3.49 dB	200M~1GHz, Polarization: H
	±3.39 dB	200M~1GHz, Polarization: V
Uncertainty for Radiated 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	±3.57 dB	
Uncertainty for Conducted Spurious emission test	±2.00 dB	
Uncertainty for Output power test	±0.73 dB	
Uncertainty for Power density test	±2.00 dB	
Uncertainty for Temperature and humidity test for ETSI	±3%	
	±0.6℃	
Uncertainty for Radio Frequency	$\pm 7 \times 10^{-8}$	
Uncertainty for Bandwidth	±83 KHz	
RF level uncertainty for given BER	±0.2 dB	

3. POWER LINE CONDUCTED EMISSION TEST

3.1.Test Equipments

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	1# Shielding Room	AUDIX	N/A	N/A	Apr.17,14	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	100429	Jan.22, 14	1 Year
4.	L.I.S.N.#3	Kyoritsu	KNW-242C	8-1920-1	Apr. 28,14	1 Year
5.	Terminator	Hubersuhner	50Ω	No. 1	Apr. 28,14	1 Year
6.	Terminator	Hubersuhner	50Ω	No. 2	Apr. 28,14	1 Year
7.	RF Cable	Hubersuhner	RG58	0100.6954.20#	Jan.22, 14	1 Year
8.	Coaxial Switch	Anritsu	MP59B	6200298346	Apr. 28,14	1 Year
9.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	101838	Jan.22, 14	1 Year

3.2.Block Diagram of Test Setup



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. Tablet PC (EUT)

Model Number : AT10-B
Serial Number : N/A

3.4.2. Support Equipment: As Tested Supporting System Details, in Section 2.2.

3.5. Operating Condition of EUT

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

3.5.2. Turned on the power of all equipment.

3.5.3. PC run test software to control EUT work in Tx mode.

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 provides a 50 ohm coupling impedance for the EUT (Please refer the block diagram of the test setup and photographs). The AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.10: 2009 on Conducted Emission Test.

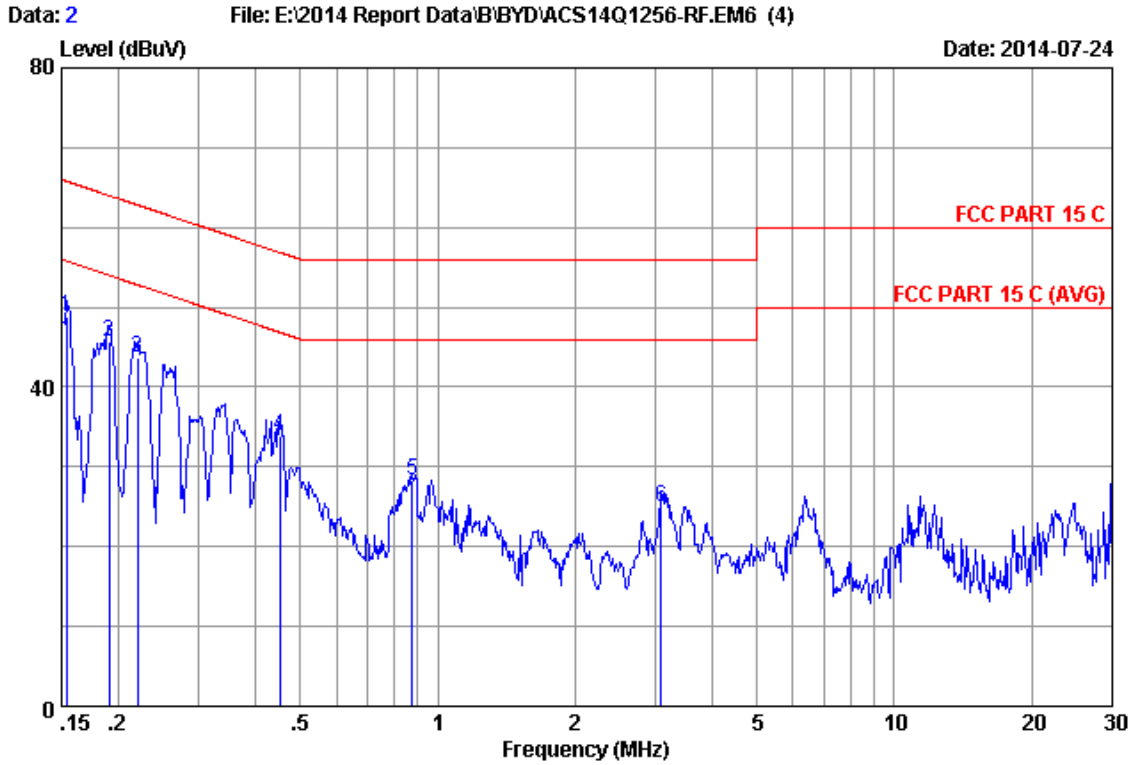
The bandwidth of test receiver (R & S ESHS10) is set at 9kHz.

The frequency range from 150kHz to 30MHz is checked.

3.7. Power Line Conducted Emission Test Results

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

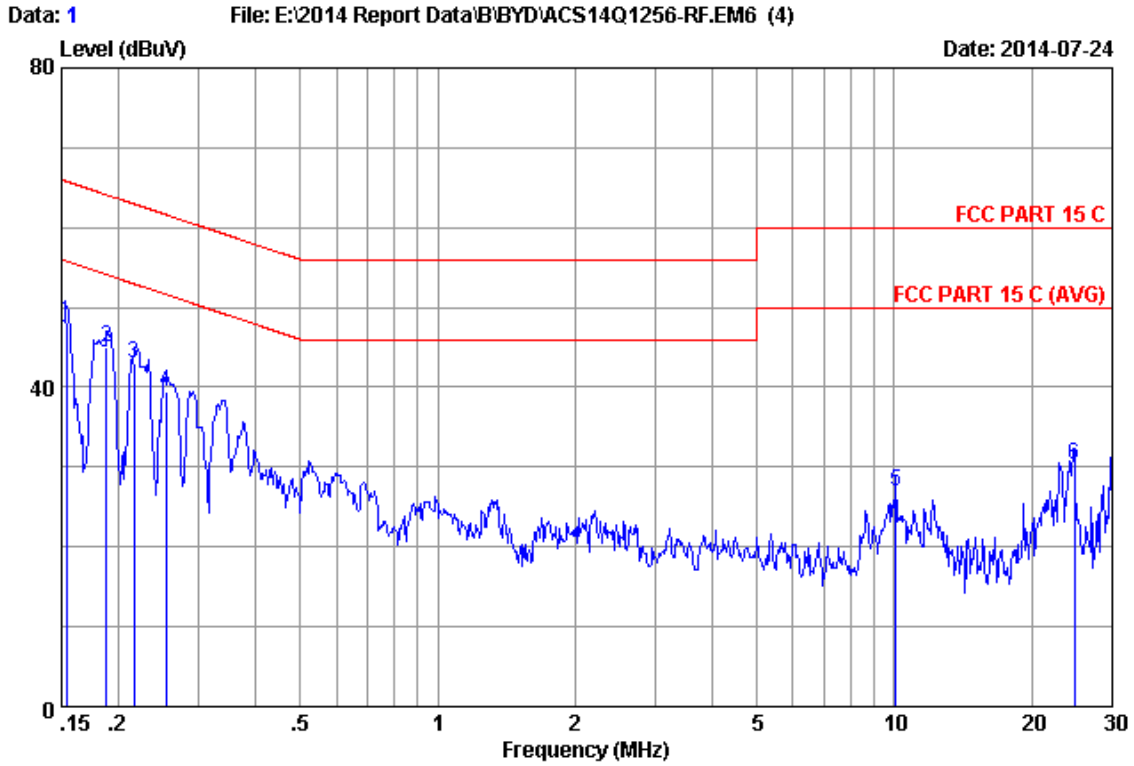
Band 1(5150-5250MHz):



Site no :1#conduction Data No :2
Dis./Ant. :2014 ESH2-Z5 LINE
Limit :FCC PART 15 C
Env./Ins. :26.6*C/50% Engineer :Nick_Huang
EUT :Tablet PC M/N: AT10-B
Power Rating :DC 5V From Adapter Input AC 120V/60Hz
Test Mode :TX Mode(WiFi)

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15403	0.12	9.87	38.71	48.70	65.78	17.08	QP
2	0.19039	0.13	9.88	35.74	45.75	64.02	18.27	QP
3	0.21967	0.13	9.88	33.65	43.66	62.83	19.17	QP
4	0.45155	0.15	9.88	23.95	33.98	56.85	22.87	QP
5	0.88031	0.17	9.89	18.17	28.23	56.00	27.77	QP
6	3.090	0.22	9.92	14.79	24.93	56.00	31.07	QP

Remarks: 1.Emission Level=LISN Factor+Cable Loss(Include 10dB pulse limit)
+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.

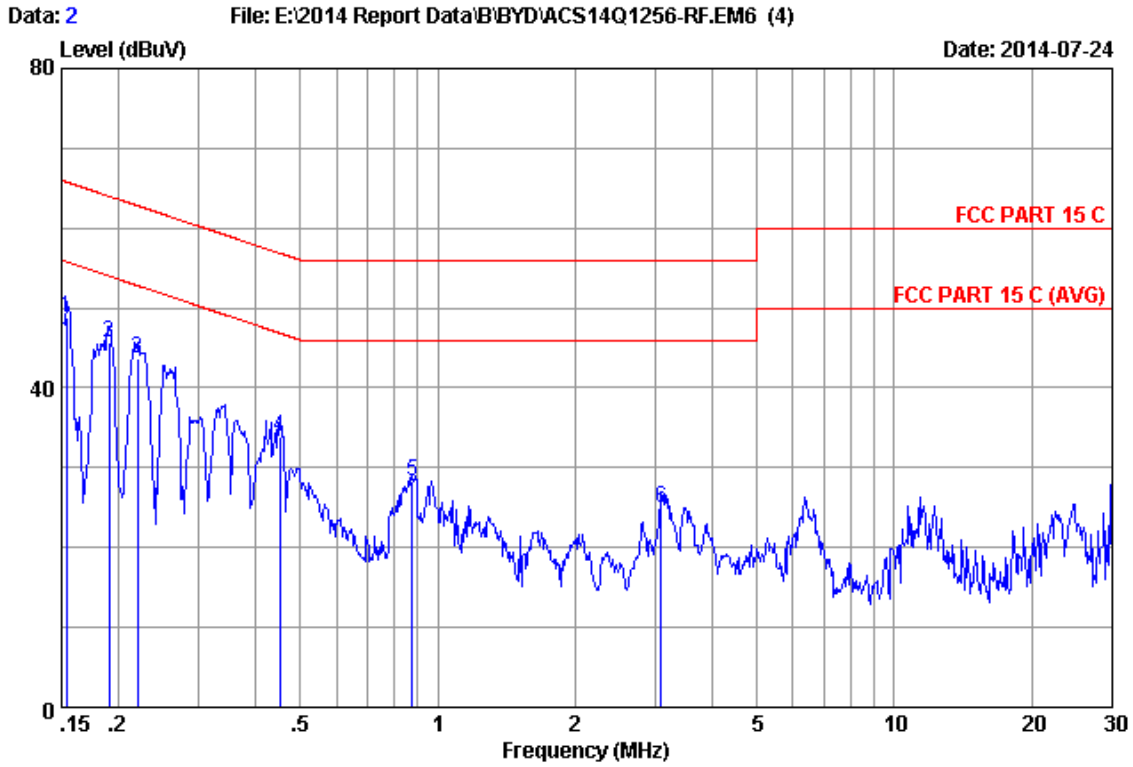


Site no :1#conduction Data No :1
Dis./Ant. :2014 ESH2-Z5 NEUTRAL
Limit :FCC PART 15 C
Env./Ins. :26.6*C/50% Engineer :Nick_Huang
EUT :Tablet PC M/N: AT10-B
Power Rating :DC 5V From Adapter Input AC 120V/60Hz
Test Mode :TX Mode(WiFi)

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15403	0.13	9.87	38.23	48.23	65.78	17.55	QP
2	0.18838	0.13	9.88	35.05	45.06	64.11	19.05	QP
3	0.21620	0.13	9.88	33.09	43.10	62.96	19.86	QP
4	0.25345	0.14	9.88	29.50	39.52	61.64	22.12	QP
5	10.072	0.44	9.99	16.59	27.02	60.00	32.98	QP
6	24.790	1.07	10.13	19.20	30.40	60.00	29.60	QP

Remarks: 1.Emission Level=LISN Factor+Cable Loss(Include 10dB pulse limit)
+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.

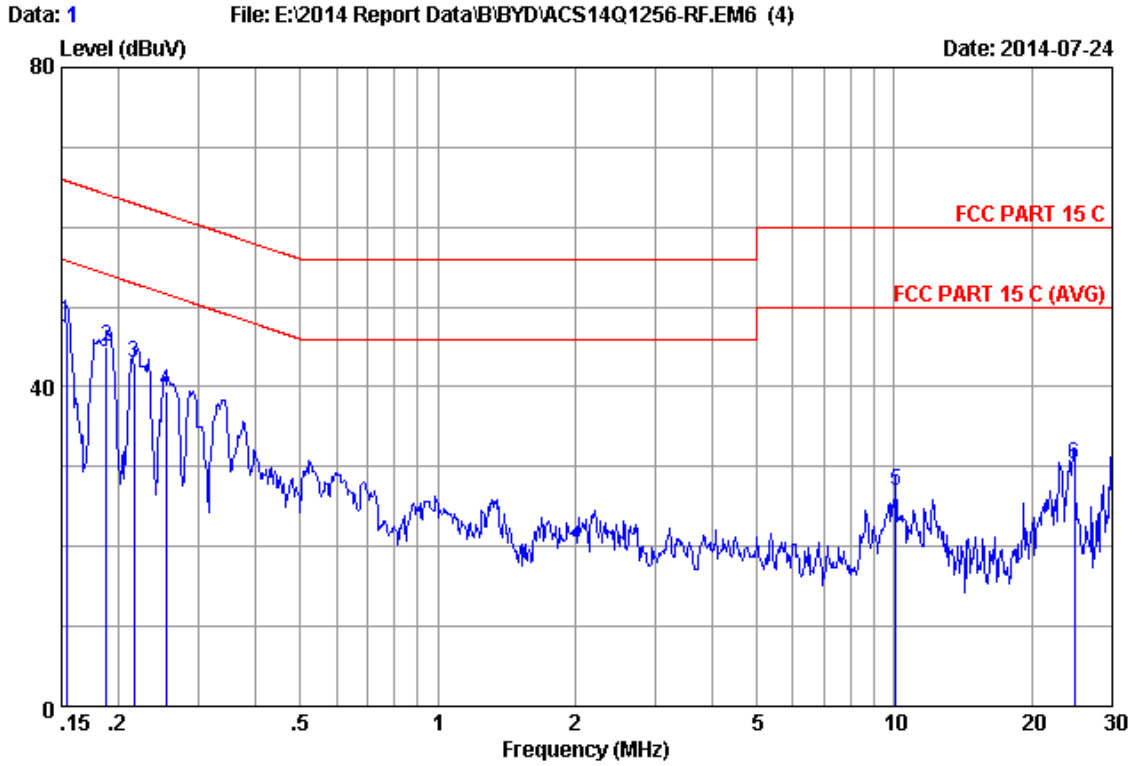
Band 2(5260-5320MHz):



Site no :1#conduction Data No :2
Dis./Ant. :2014 ESH2-Z5 LINE
Limit :FCC PART 15 C
Env./Ins. :26.6*C/50% Engineer :Nick_Huang
EUT :Tablet PC M/N: AT10-B
Power Rating :DC 5V From Adapter Input AC 120V/60Hz
Test Mode :TX Mode(WiFi)

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15403	0.12	9.87	38.71	48.70	65.78	17.08	QP
2	0.19039	0.13	9.88	35.74	45.75	64.02	18.27	QP
3	0.21967	0.13	9.88	33.65	43.66	62.83	19.17	QP
4	0.45155	0.15	9.88	23.95	33.98	56.85	22.87	QP
5	0.88031	0.17	9.89	18.17	28.23	56.00	27.77	QP
6	3.090	0.22	9.92	14.79	24.93	56.00	31.07	QP

Remarks: 1.Emission Level=LISN Factor+Cable Loss(Include 10dB pulse limit)
+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. :26.6*C/50% Engineer :Nick_Huang
EUT :Tablet PC M/N: AT10-B
Power Rating :DC 5V From Adapter Input AC 120V/60Hz
Test Mode :TX Mode(WiFi)

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
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Remarks: 1.Emission Level=LISN Factor+Cable Loss(Include 10dB pulse limit)
+Reading.
2.If the average limit is met when useing a quasi-peak detector.
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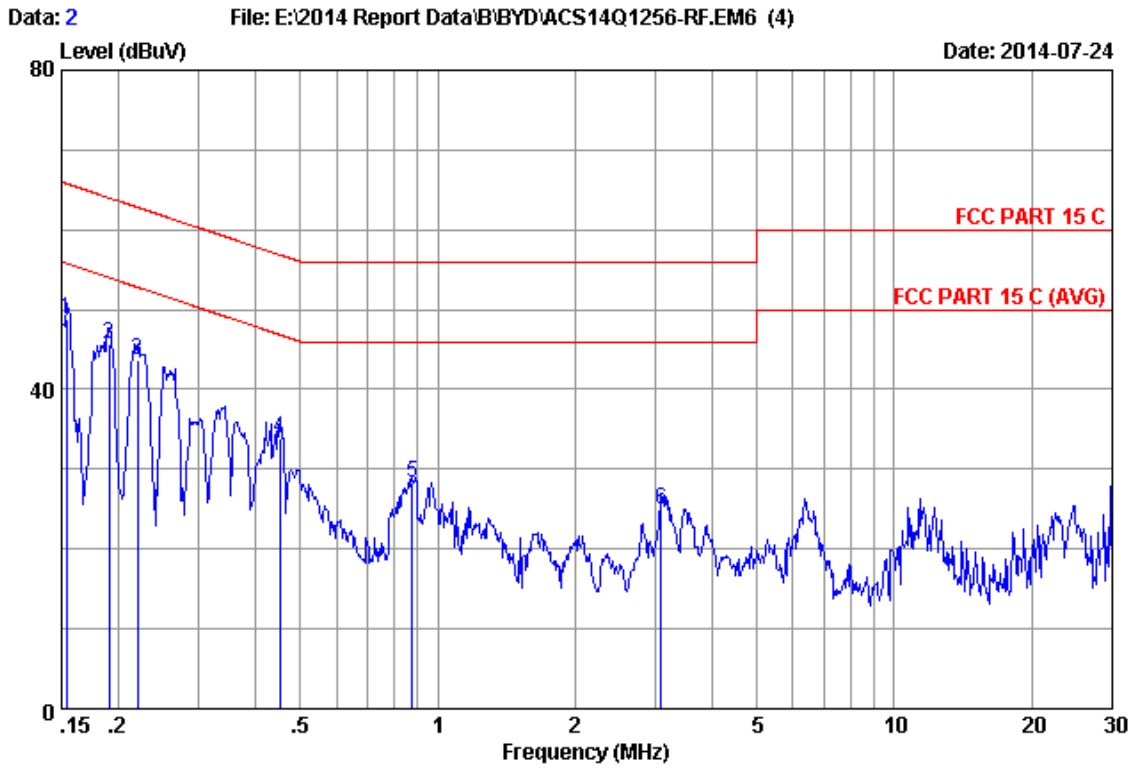
Band 3(5500-5700MHz):



Site no :1#conduction Data No :2
Dis./Ant. :2014 ESH2-Z5 LINE
Limit :FCC PART 15 C
Env./Ins. :26.6*C/50% Engineer :Nick_Huang
EUT :Tablet PC M/N: AT10-B
Power Rating :DC 5V From Adapter Input AC 120V/60Hz
Test Mode :TX Mode(WiFi)

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
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4	0.45155	0.15	9.88	23.95	33.98	56.85	22.87	QP
5	0.88031	0.17	9.89	18.17	28.23	56.00	27.77	QP
6	3.090	0.22	9.92	14.79	24.93	56.00	31.07	QP

Remarks: 1.Emission Level=LISN Factor+Cable Loss(Include 10dB pulse limit)
+Reading.
2.If the average limit is met when useing a quasi-peak detector.
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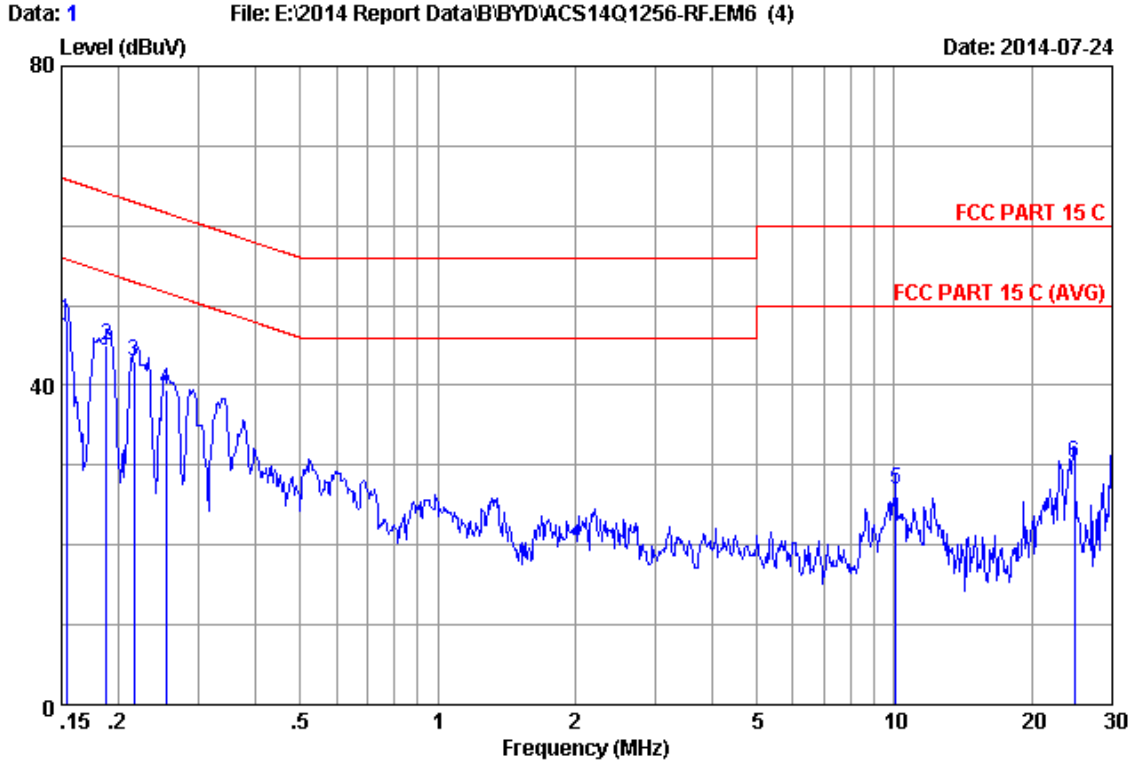

Site no :1#conduction Data No :1
Dis./Ant. :2014 ESH2-Z5 NEUTRAL
Limit :FCC PART 15 C
Env./Ins. :26.6*C/50% Engineer :Nick_Huang
EUT :Tablet PC M/N: AT10-B
Power Rating :DC 5V From Adapter Input AC 120V/60Hz
Test Mode :TX Mode(WiFi)

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
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6	24.790	1.07	10.13	19.20	30.40	60.00	29.60	QP

Remarks: 1.Emission Level=LISN Factor+Cable Loss(Include 10dB pulse limit)
+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 TEST

4.1.Test Equipment

4.1.1. For frequency range 30MHz~1000MHz (At Anechoic Chamber)

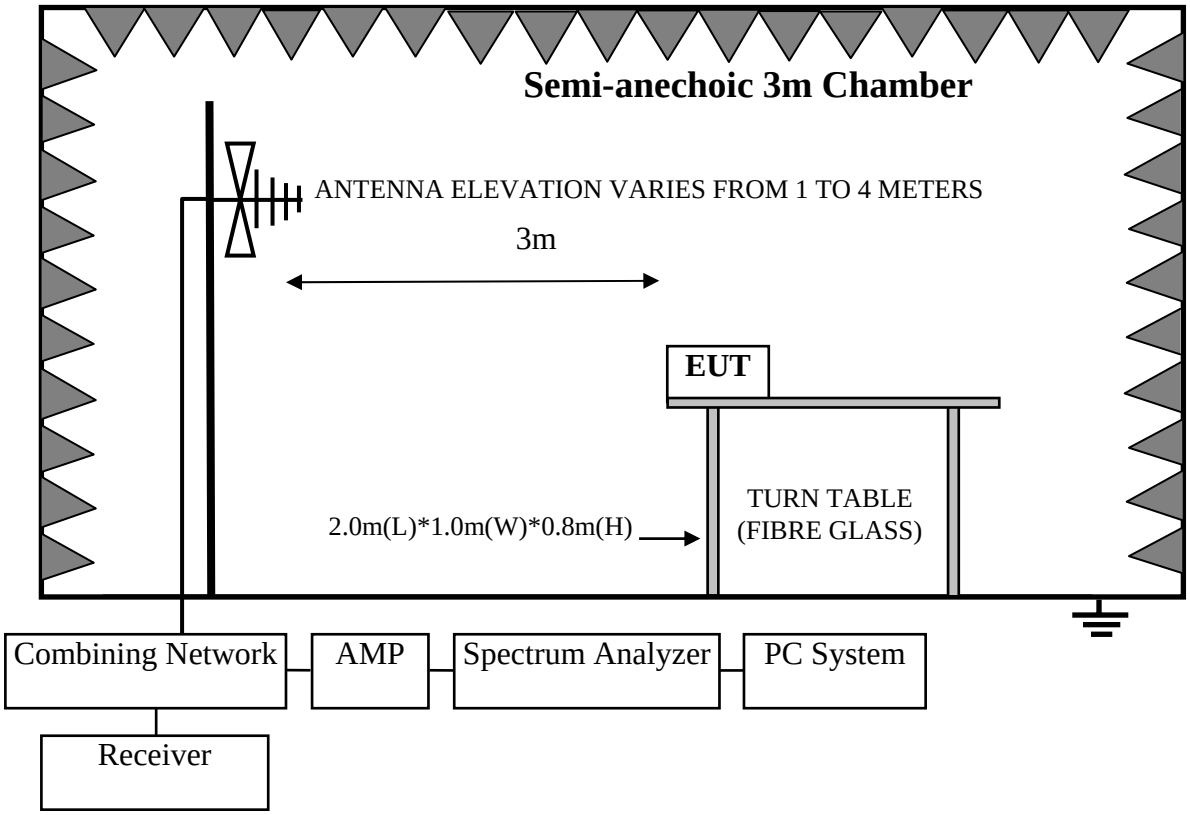
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	3#Chamber	AUDIX	N/A	N/A	Nov.24, 13	1 Year
2.	EMI Spectrum	Agilent	E4407B	MY41440292	Apr. 28,14	1 Year
3.	Test Receiver	Rohde & Schwarz	ESVS10	834468/011	Apr. 28,14	1 Year
4.	Amplifier	HP	8447D	2648A04738	Apr. 28,14	1 Year
5.	Bilog Antenna	Schaffner	CBL6111C	35375	Apr. 08,14	1 Year
6.	RF Cable	MIYAZAKI	CFD400-NL	3# Chamber No.1	Apr. 28,14	1 Year
7.	Coaxial Switch	Anritsu	MP59B	6200313662	Apr. 28,14	1 Year

4.1.2. For frequency range 1GHz~40GHz (At Anechoic Chamber)

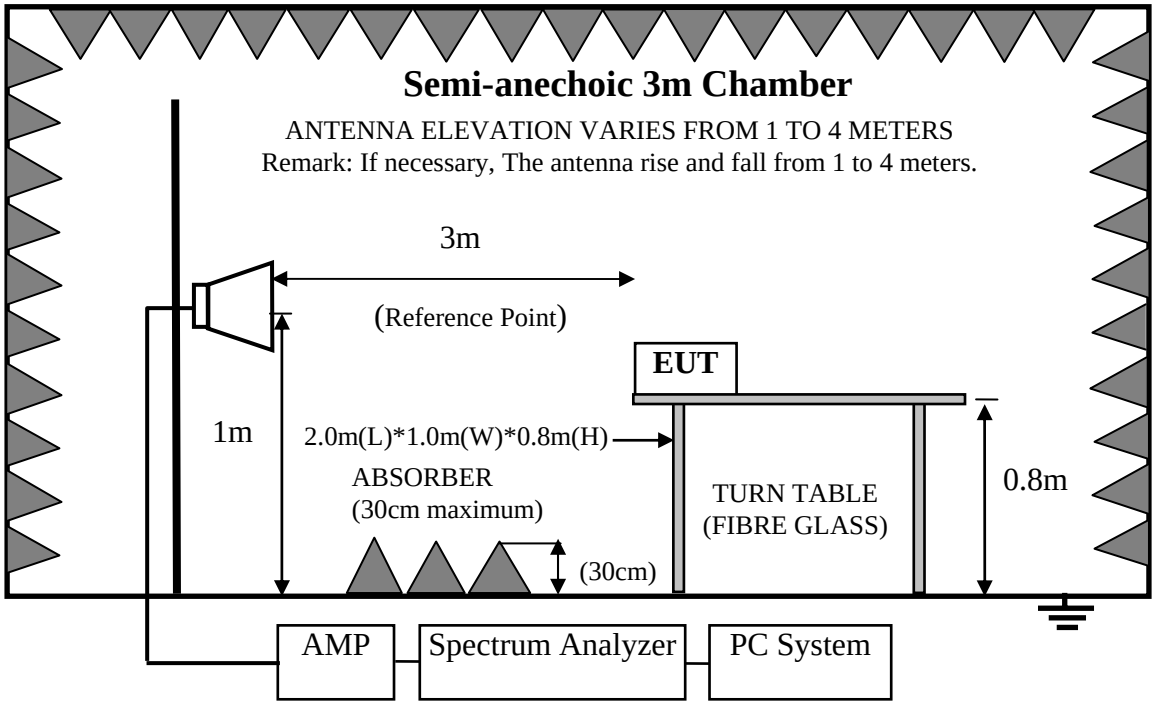
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	Spectrum Analyzer	Agilent	E4446A	US44300459	Apr. 28,14	1 Year
2	Horn Antenna	EMCO	3115	9607-4877	Aug.27, 13	1 Year
3	Amplifier	Agilent	8449B	3008A02495	Apr. 28,14	1 Year
4	RF Cable	Hubersuhner	SUCOFLEX106	77977/6	Apr. 28,14	1 Year
5	RF Cable	Hubersuhner	SUCOFLEX106	28616/2	Apr. 28,14	1 Year
6	Horn Antenna	EMCO	3116	00060089	Aug.27, 13	1 Year

4.2.Block Diagram of Test Setup

For frequency range 30MHz-1000MHz



For frequency range 1GHz-40GHz



4.3.Radiated Emission Limit

For transmitters operating in the 5.15-5.25 GHz; 5.25-5.35GHz; 5.47-5.725GHz band: all emissions outside of those
band shall not exceed an EIRP of -27 dBm/MHz.
Unwanted emissions below 1 GHz and those emissions appearing within 15.205 restricted frequency bands must comply with the general field strength limits set forth in Section 15.209

4.3.1. 15.209 limits

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 1000	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.

4.3.2. 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])

4.4.EUT Configuration on Test

The configurations of EUT are listed in Section 3.4.

4.5.Operating Condition of EUT

Same as Conducted Emission test that is listed in Section 3.5. except the test set up replaced by Section 4.2.

4.6.Test Procedure

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. Power on the EUT and let it working in test mode, then test it. 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 are set on test.
For emissions below 1GHz and those emissions appearing within 15.205 restricted frequency bands use below procedure:

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 VBW is set at 1MHz and RBW is set at 1MHz for peak emissions measurement above 1GHz and 1MHz RBW, 10Hz VBW for average emissions measure above 1GHz

For the emissions above 1GHz and not appearing within 15.205 restricted frequency bands use below procedure:

(1).The maximum emission at 3m distance was measured and recorded with receive antenna in both vertical and horizontal by rotating the turntable and by lowering the receive antenna.

(2).The EUT was then removed and replaced with a substitution antenna in the same position and the substitution antenna must have the same polarization with the receive antenna.

(3). A signal which have the same frequency obtained in step 2 was fed to the substitution,the receive antenna was raised and lowered to obtain a maximum reading at the test receiver, the level of the signal generator was adjusted until the measured field strength level in step 2 was obtained, recorded the level of the signal generator.

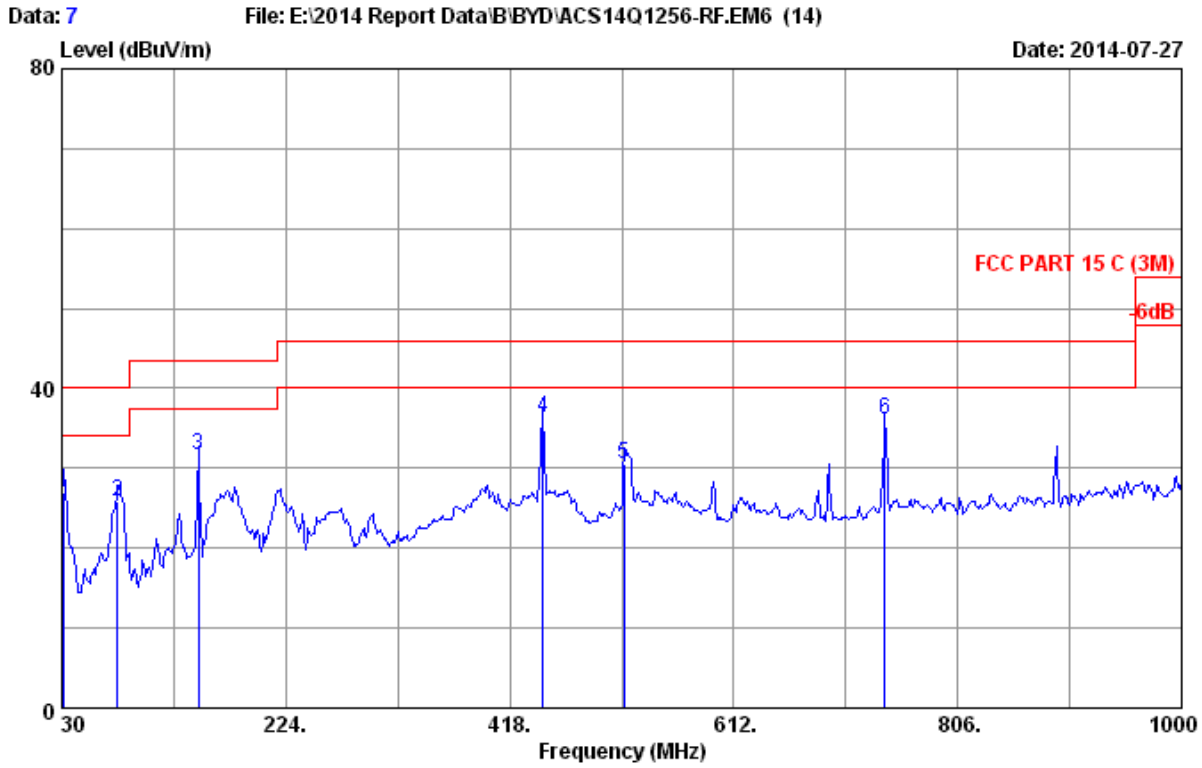
(4).Repeated step 4 with both antenna polarizations

(5).The spurious emissions is equal to the power supplied by the signal generator and corrections due to the gain of the substitution antenna and the cable loss between the signal generator and the substitution antenna.
(6).Per KDB789033 clause H 2)d).if the test distance is 3m,the EIRP(dBm)=E(dBuv/m)-95.2 Get the result of all unwanted emission outside the restricted band is less than the -27dBm/MHz.

4.7.Radiated Emission Test Results

PASS.
All the emissions from 30MHz to 1 GHz were comply with 15.209 limits.
No any emissions were found from 18GHz to 40GHz, So the Radiated emissions from 18GHz to 40GHz were not record.
All other emission comply with 15.407 (b)(1) requirements.

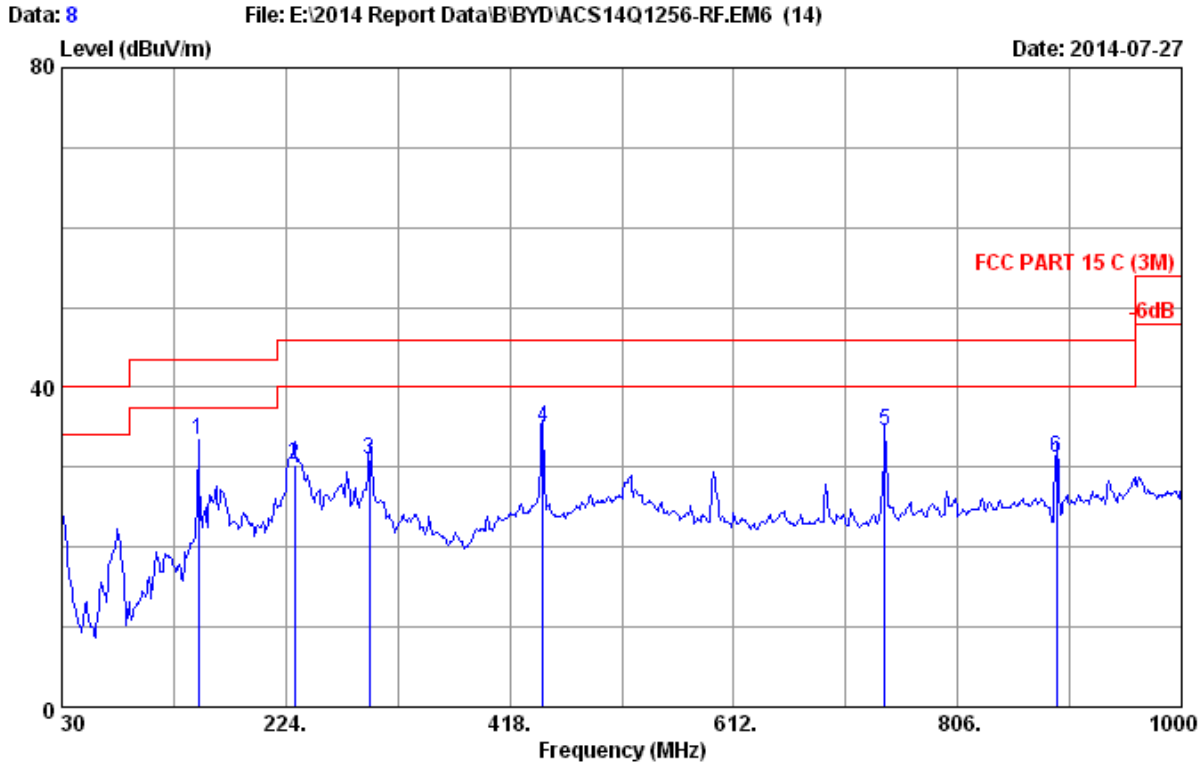
Band 1(5150-5250MHz):
Frequency: 30MHz~1GHz



Site no. : 3m Chamber Data no. : 7
Dis. / Ant. : 3m 2014 CBL6112D 35375 Ant. pol. : VERTICAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 24*C/34% Engineer : Donjon
EUT : Tablet PC M/N: AT10-B
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : TX Mode(WIFI5.1G)

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	31.940	18.82	0.62	7.51	26.95	40.00	13.05	QP
2	78.500	7.35	0.99	17.53	25.87	40.00	14.13	QP
3	148.340	11.38	1.53	18.78	31.69	43.50	11.81	QP
4	447.100	17.20	3.01	16.14	36.35	46.00	9.65	QP
5	516.940	18.14	3.31	9.13	30.58	46.00	15.42	QP
6	742.950	20.60	4.28	11.12	36.00	46.00	10.00	QP

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

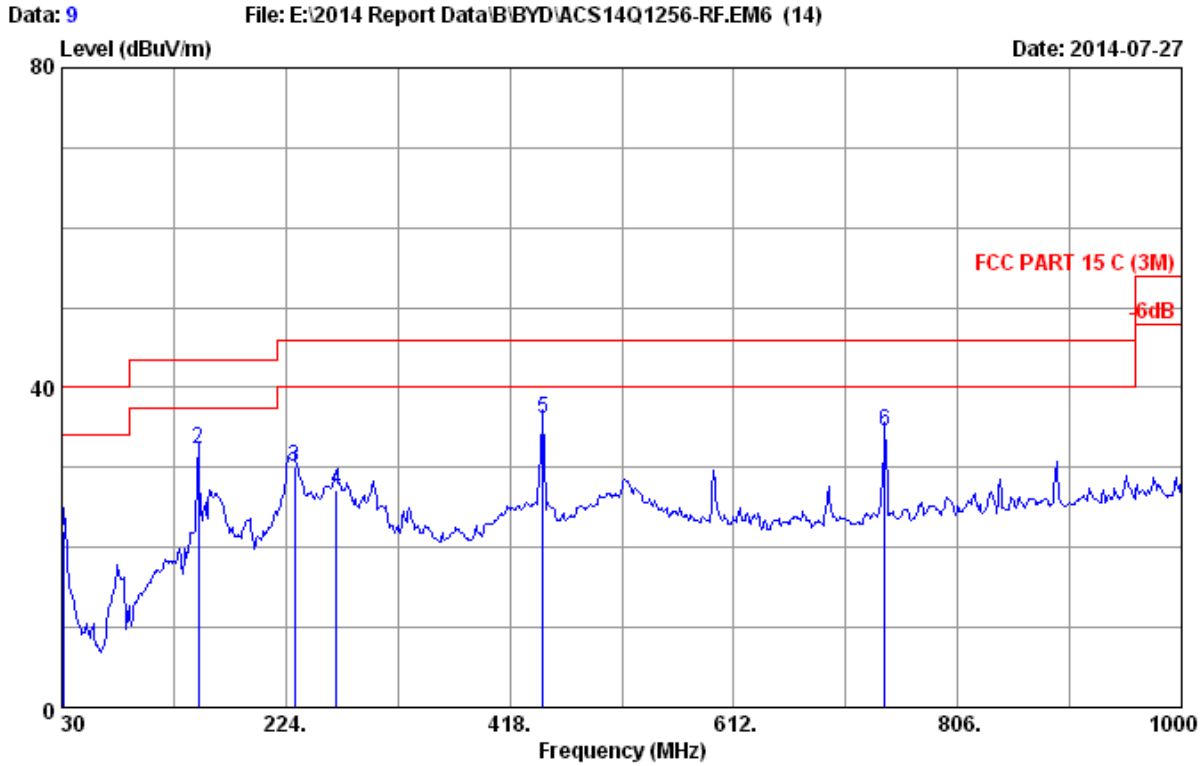


Site no. : 3m Chamber Data no. : 8
Dis. / Ant. : 3m 2014 CBL6112D 35375 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 24*C/34% Engineer : Donjon
EUT : Tablet PC M/N: AT10-B
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : TX Mode(WIFI5.1G)

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	148.340	11.38	1.53	20.61	33.52	43.50	9.98	QP
2	231.760	11.48	2.00	16.72	30.20	46.00	15.80	QP
3	296.750	13.90	2.26	14.77	30.93	46.00	15.07	QP
4	447.100	17.20	3.01	14.75	34.96	46.00	11.04	QP
5	742.950	20.60	4.28	9.55	34.43	46.00	11.57	QP
6	891.360	21.73	4.84	4.59	31.16	46.00	14.84	QP

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

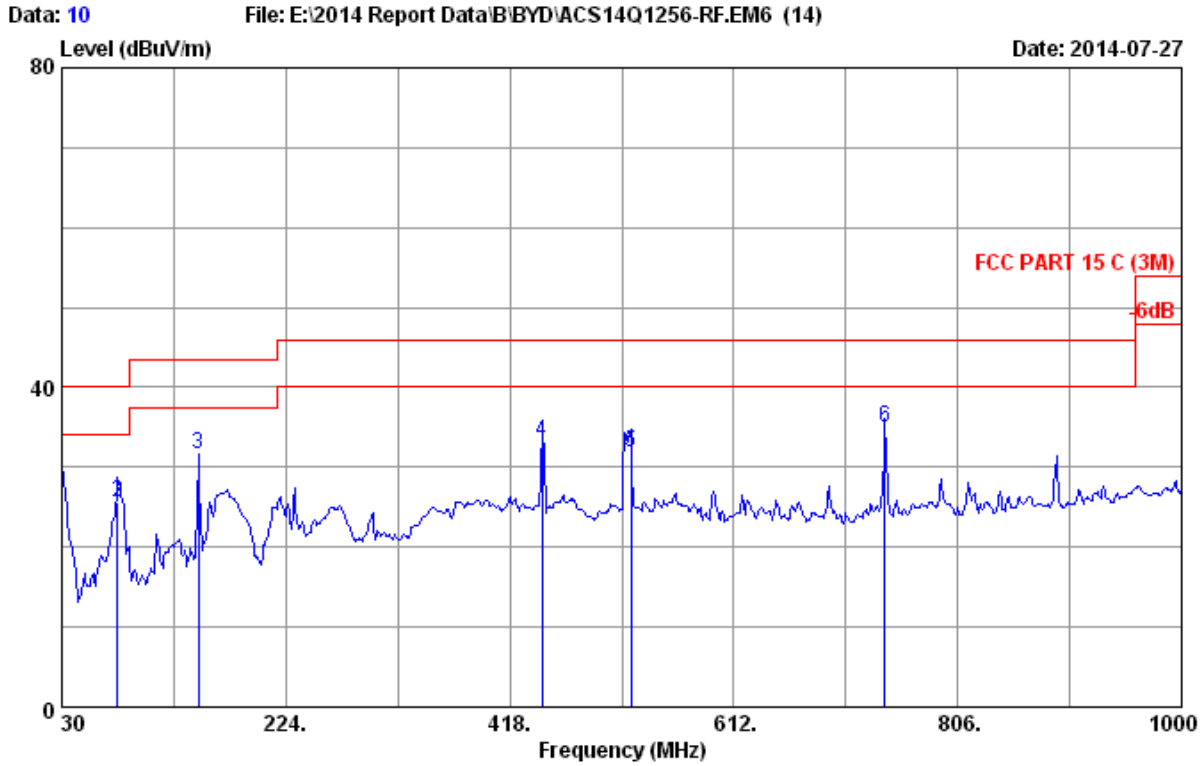
Band 2(5260-5320MHz):
Frequency: 30MHz~1GHz



Site no. : 3m Chamber Data no. : 9
Dis. / Ant. : 3m 2014 CBL6112D 35375 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 24*C/34% Engineer : Donjon
EUT : Tablet PC M/N: AT10-B
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : TX Mode(WIFI5.2G)

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	31.940	18.82	0.62	2.56	22.00	40.00	18.00	QP
2	148.340	11.38	1.53	19.31	32.22	43.50	11.28	QP
3	231.760	11.48	2.00	16.51	29.99	46.00	16.01	QP
4	267.650	13.63	2.15	11.52	27.30	46.00	18.70	QP
5	447.100	17.20	3.01	15.98	36.19	46.00	9.81	QP
6	742.950	20.60	4.28	9.72	34.60	46.00	11.40	QP

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

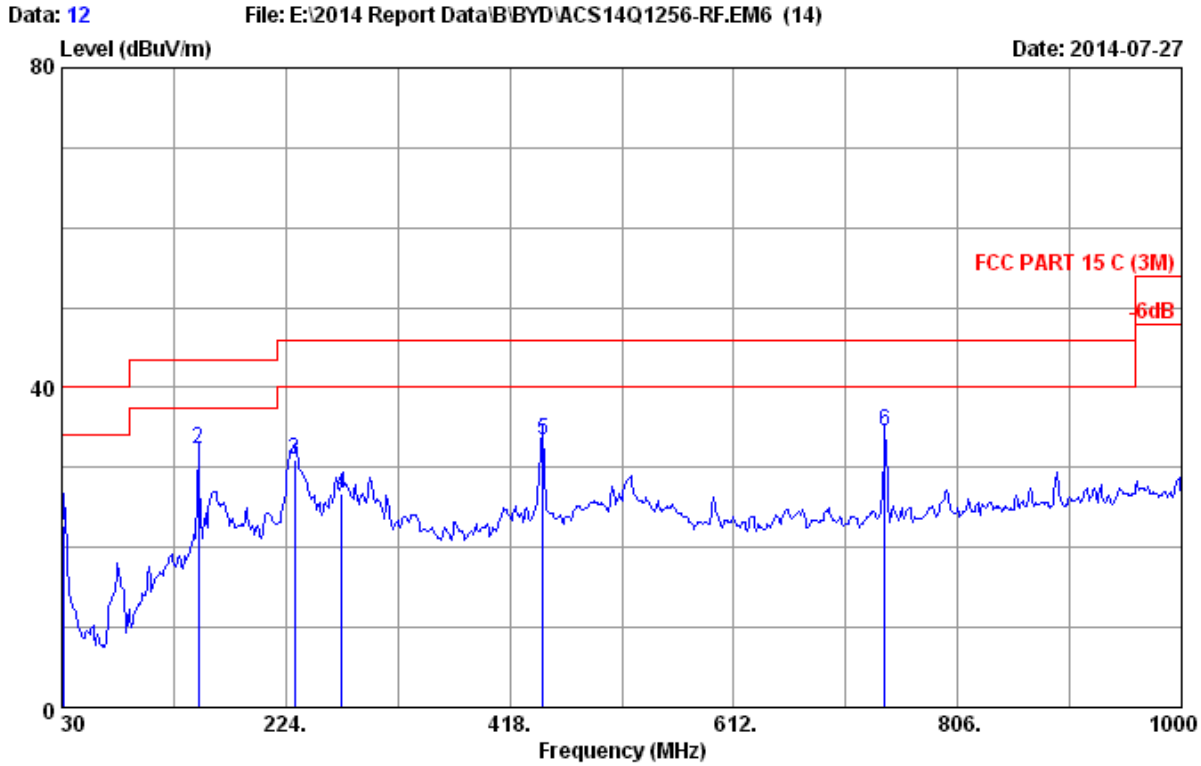


Site no. : 3m Chamber Data no. : 10
Dis. / Ant. : 3m 2014 CBL6112D 35375 Ant. pol. : VERTICAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 24*C/34% Engineer : Donjon
EUT : Tablet PC M/N: AT10-B
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : TX Mode(WIFI5.2G)

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	30.000	19.60	0.60	6.61	26.81	40.00	13.19	QP
2	78.500	7.35	0.99	17.30	25.64	40.00	14.36	QP
3	148.340	11.38	1.53	18.69	31.60	43.50	11.90	QP
4	446.130	17.20	3.01	13.10	33.31	46.00	12.69	QP
5	522.760	18.26	3.34	10.26	31.86	46.00	14.14	QP
6	742.950	20.60	4.28	10.20	35.08	46.00	10.92	QP

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

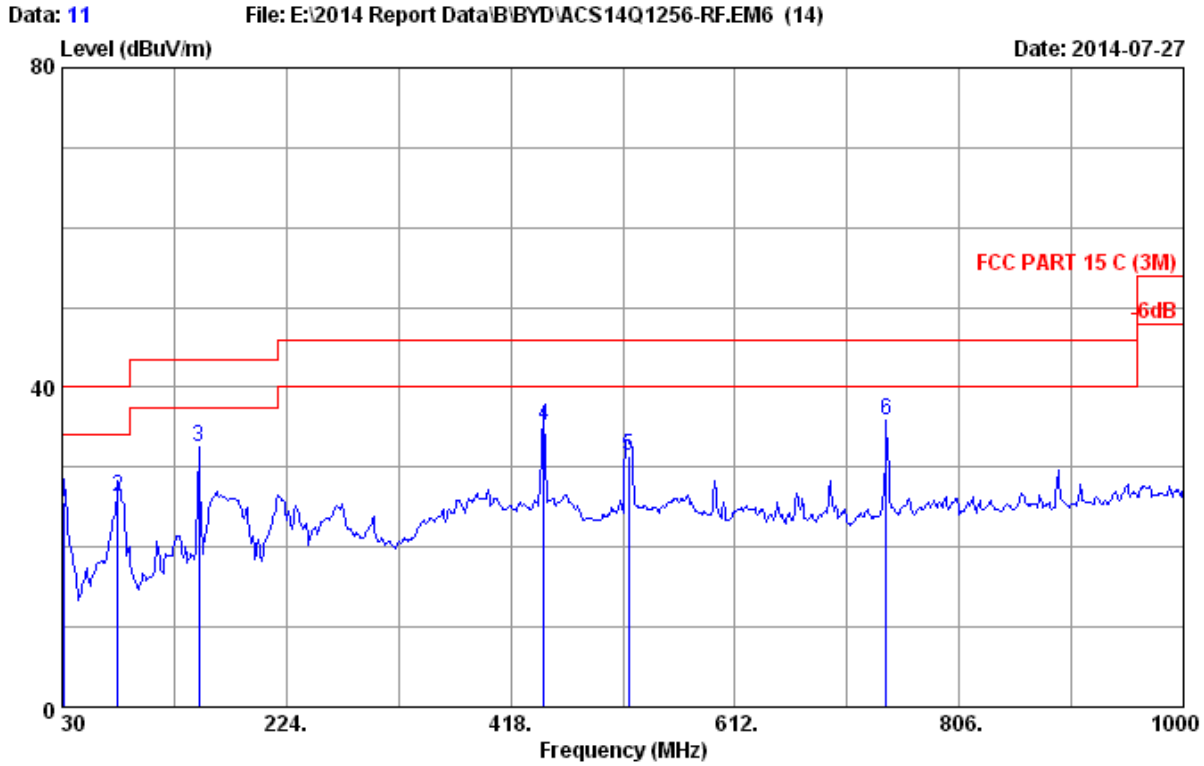
Band 3(5500-5700MHz):
Frequency: 30MHz~1GHz



Site no. : 3m Chamber Data no. : 12
Dis. / Ant. : 3m 2014 CBL6112D 35375 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 24*C/34% Engineer : Donjon
EUT : Tablet PC M/N: AT10-B
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : TX Mode(WIFI5.4G)

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	31.940	18.82	0.62	3.27	22.71	40.00	17.29	QP
2	148.340	11.38	1.53	19.33	32.24	43.50	11.26	QP
3	231.760	11.48	2.00	17.43	30.91	46.00	15.09	QP
4	272.500	13.50	2.17	10.97	26.64	46.00	19.36	QP
5	447.100	17.20	3.01	13.12	33.33	46.00	12.67	QP
6	742.950	20.60	4.28	9.60	34.48	46.00	11.52	QP

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

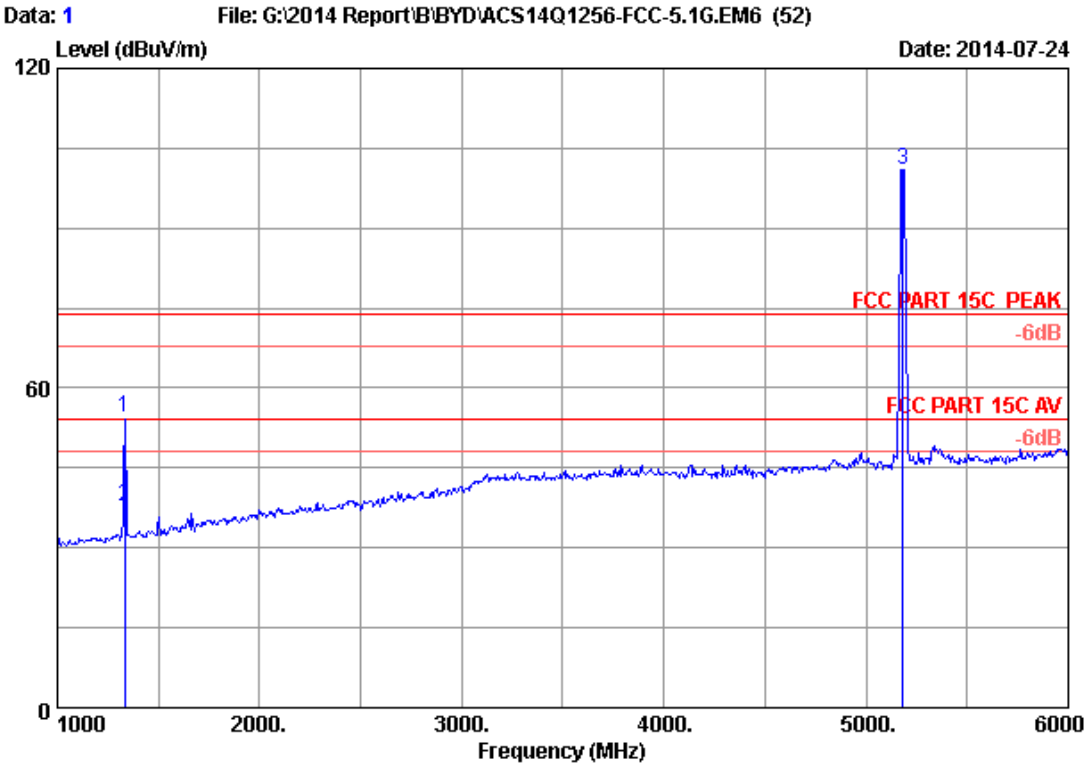


Site no. : 3m Chamber Data no. : 11
Dis. / Ant. : 3m 2014 CBL6112D 35375 Ant. pol. : VERTICAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 24*C/34% Engineer : Donjon
EUT : Tablet PC M/N: AT10-B
Power rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : TX Mode(WIFI5.4G)

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	31.940	18.82	0.62	6.11	25.55	40.00	14.45	QP
2	78.500	7.35	0.99	17.88	26.22	40.00	13.78	QP
3	148.340	11.38	1.53	19.55	32.46	43.50	11.04	QP
4	447.100	17.20	3.01	14.94	35.15	46.00	10.85	QP
5	519.850	18.20	3.32	9.88	31.40	46.00	14.60	QP
6	742.950	20.60	4.28	11.02	35.90	46.00	10.10	QP

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

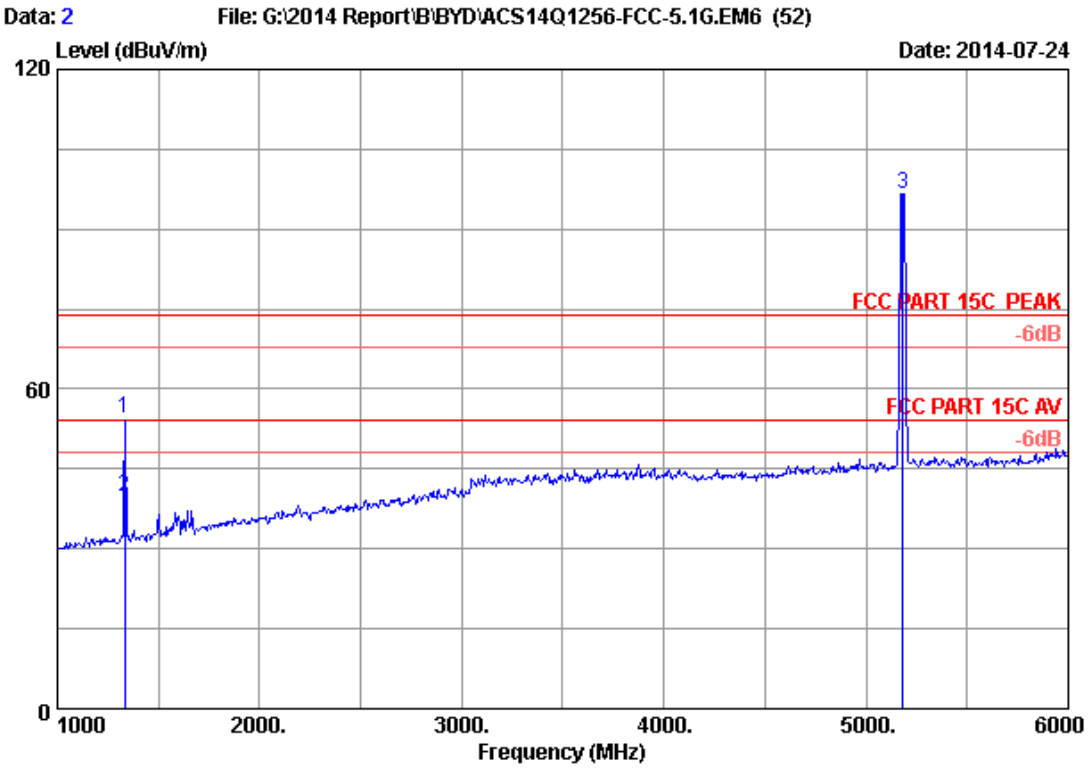
Band 1(5150-5250MHz):
Frequency: 1GHz~18GHz



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 : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH36 5180MHz Tx
M/N : AT10-B

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	1333.230	24.60	4.24	36.43	62.24	54.65	74.00	19.35	Peak
2	1333.230	24.60	4.24	36.43	45.28	37.69	54.00	16.31	Average
3	5180.000	33.49	8.95	35.70	94.32	101.06	74.00	-27.06	Peak

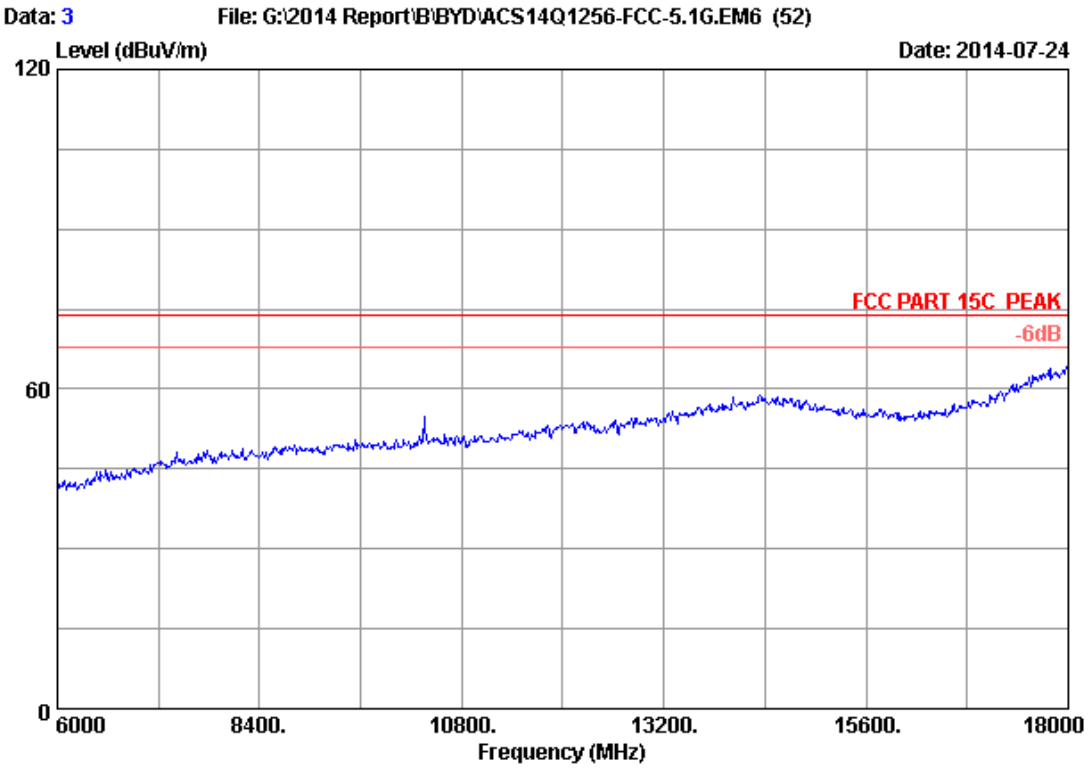
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 2
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH36 5180MHz Tx
M/N : AT10-B

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	1333.360	24.60	4.25	36.43	61.92	54.34	74.00	19.66	Peak
2	1333.360	24.60	4.25	36.43	47.20	39.62	54.00	14.38	Average
3	5180.000	33.49	8.95	35.70	89.81	96.55	74.00	-22.55	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.   : 3
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating  : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11a  CH36  5180MHz  Tx
M/N           : AT10-B
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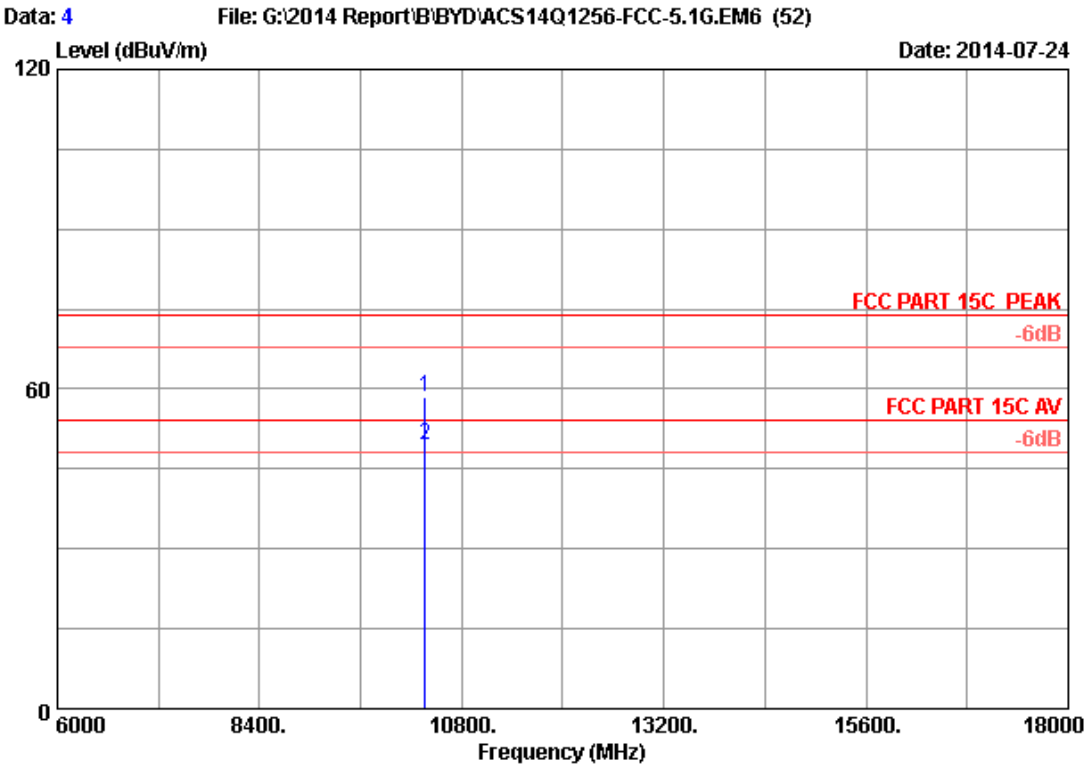
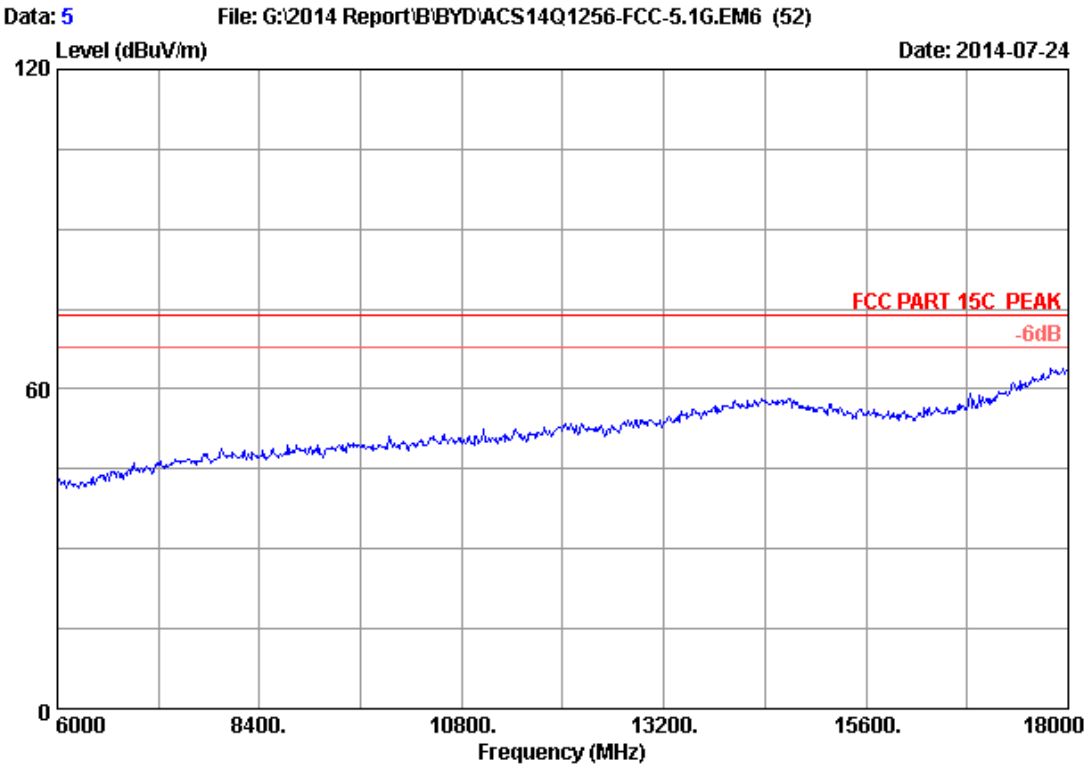


Site no. : 3m Chamber Data no. : 4
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH36 5180MHz Tx
M/N : AT10-B

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	10360.000	38.14	12.64	35.45	43.32	58.65	74.00	15.35	Peak
2	10360.000	38.14	12.64	35.45	34.16	49.49	54.00	4.51	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.   : 5
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating  : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11a  CH36  5180MHz  Tx
M/N           : AT10-B
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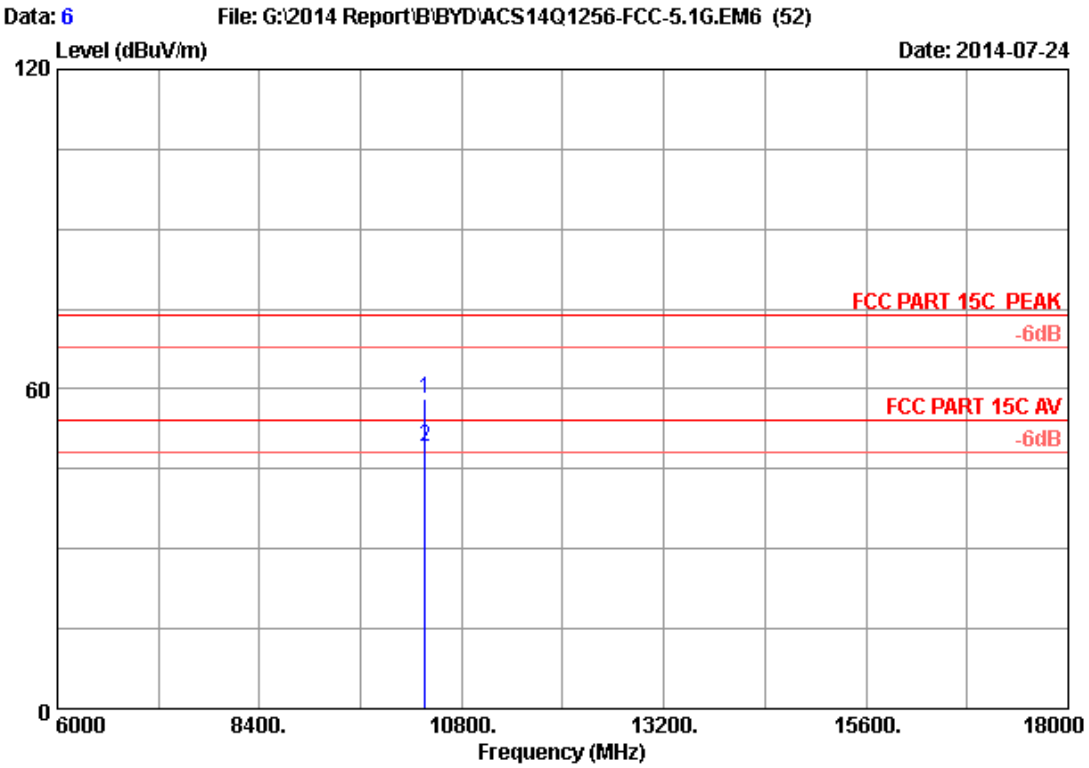
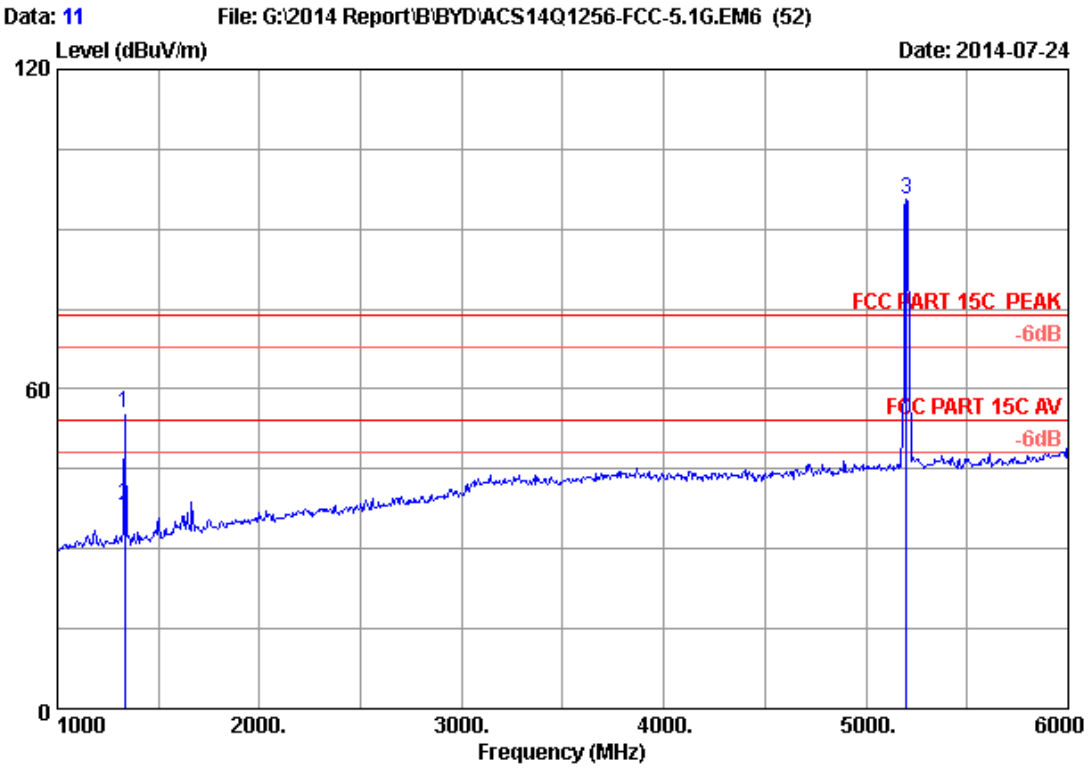


Site no. : 3m Chamber Data no. : 6
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH36 5180MHz Tx
M/N : AT10-B

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	10360.000	38.14	12.64	35.45	42.98	58.31	74.00	15.69	Peak
2	10360.000	38.14	12.64	35.45	33.79	49.12	54.00	4.88	Average

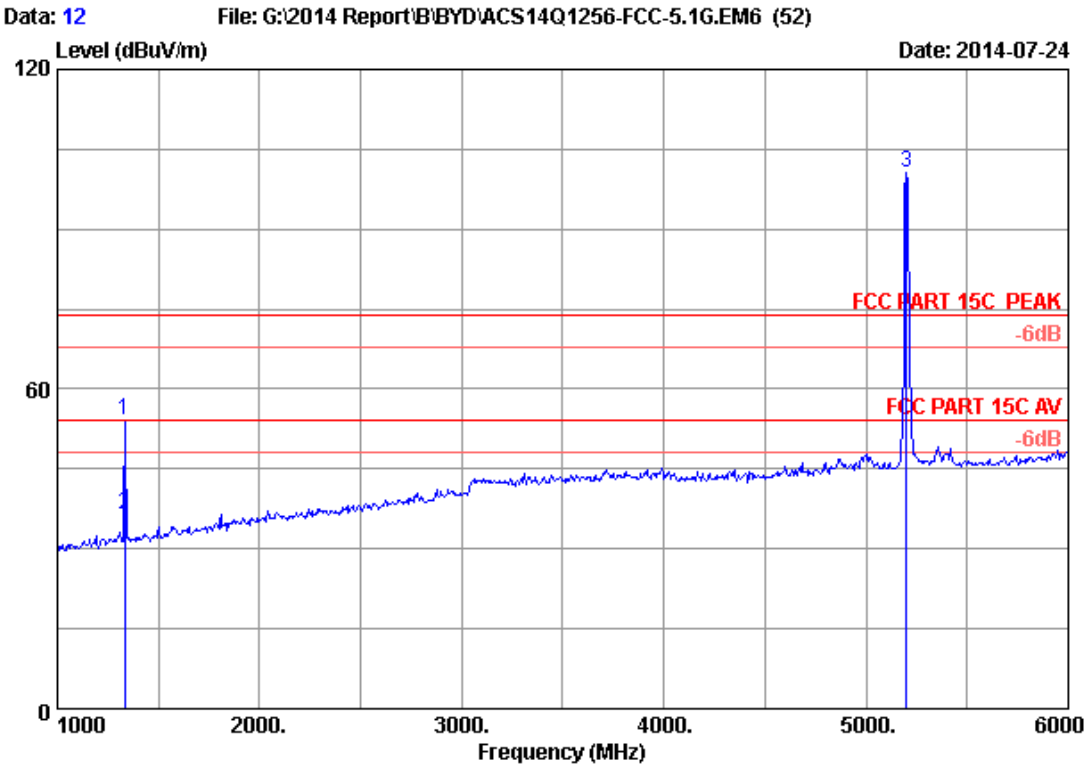
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 11
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH40 5200MHz Tx
M/N : AT10-B

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	1333.420	24.60	4.25	36.43	63.04	55.46	74.00	18.54	Peak
2	1333.420	24.60	4.25	36.43	45.82	38.24	54.00	15.76	Average
3	5200.000	33.52	8.97	35.70	88.84	95.63	74.00	-21.63	Peak

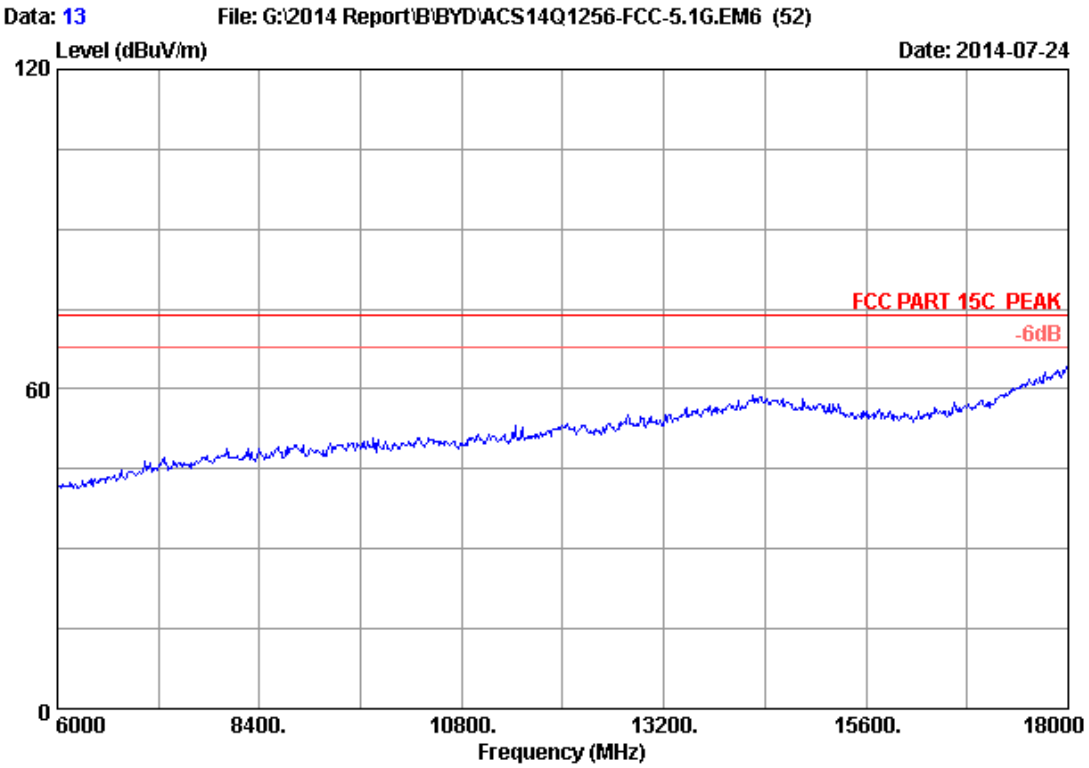
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



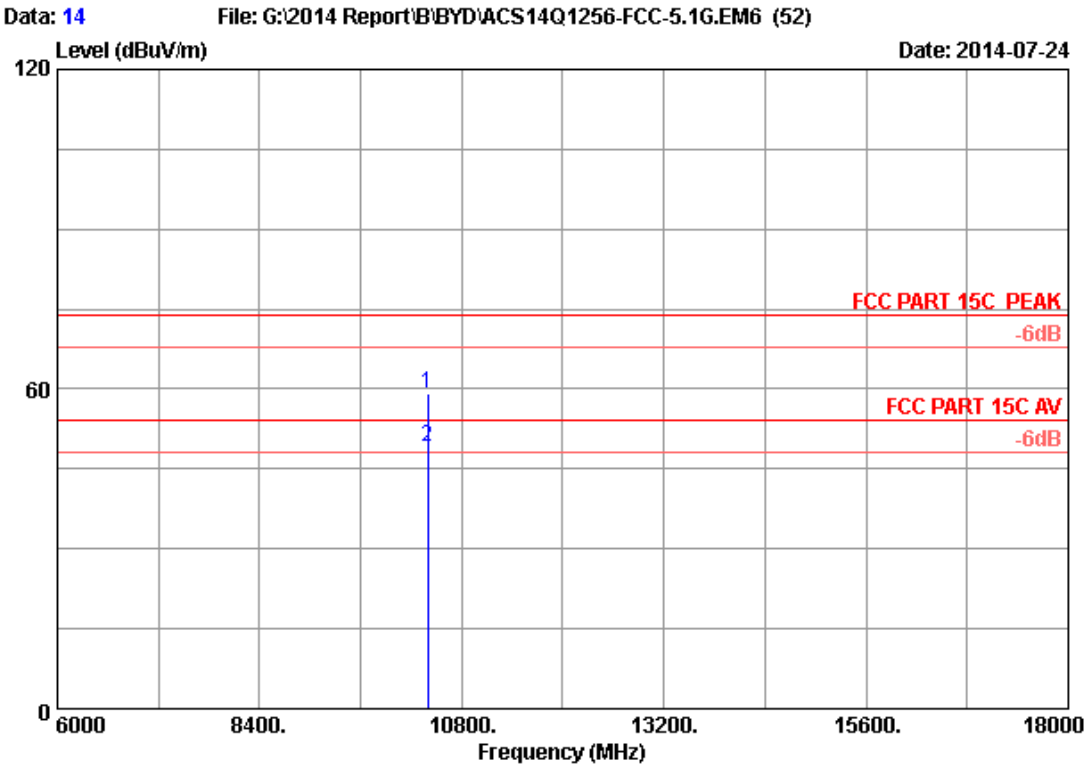
Site no. : 3m Chamber Data no. : 12
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH40 5200MHz Tx
M/N : AT10-B

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	1332.980	24.60	4.24	36.43	61.82	54.23	74.00	19.77	Peak
2	1332.980	24.60	4.24	36.43	44.15	36.56	54.00	17.44	Average
3	5200.000	33.52	8.97	35.70	93.78	100.57	74.00	-26.57	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.



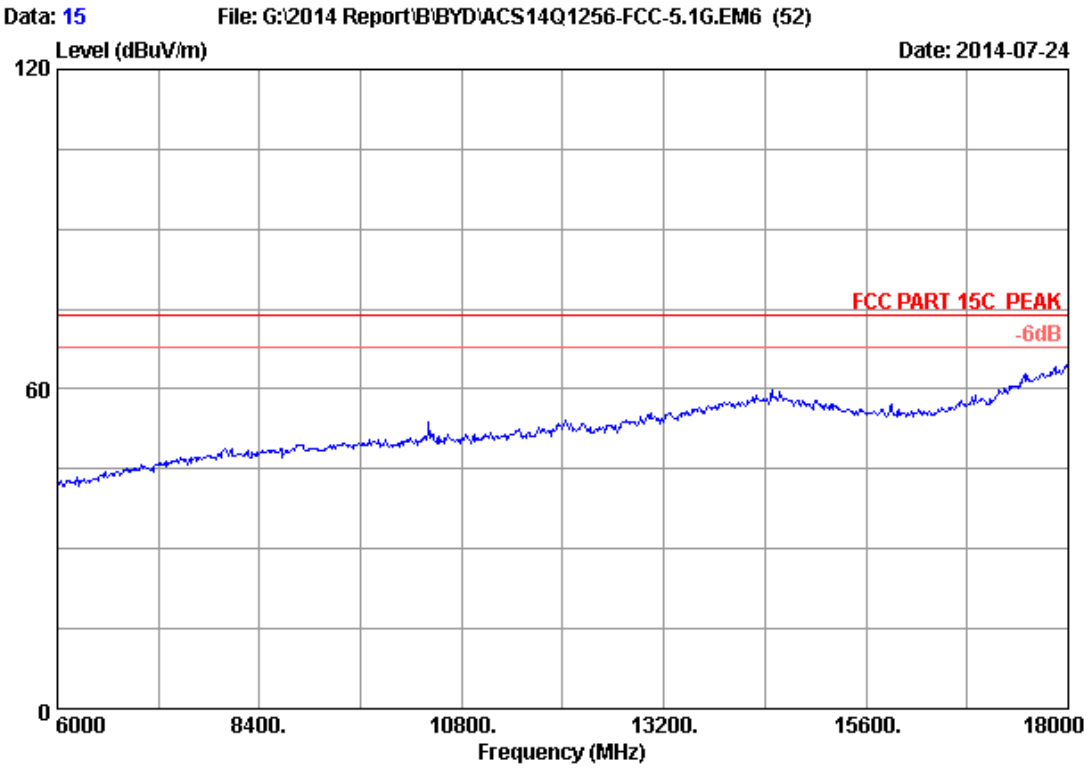

```
Site no.      : 3m Chamber                      Data no.   : 13
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11a  CH40  5200MHz  Tx
M/N           : AT10-B
```



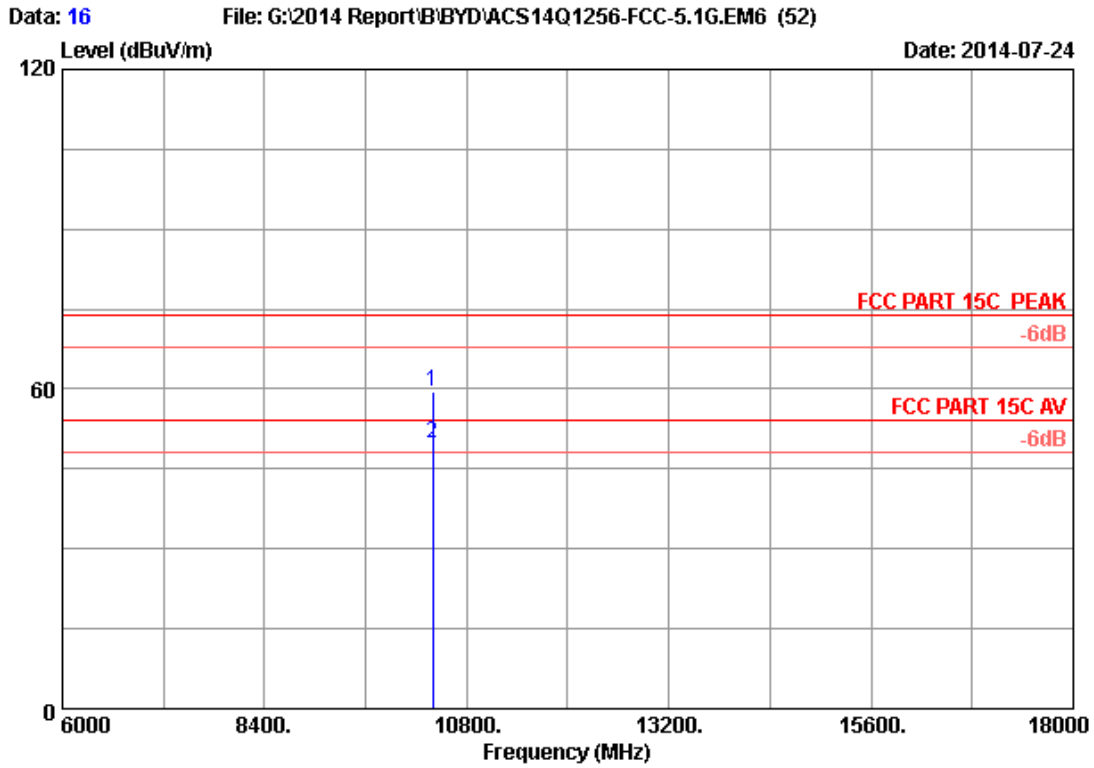
Site no. : 3m Chamber Data no. : 14
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH40 5200MHz Tx
M/N : AT10-B

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	10400.000	38.16	12.66	35.44	43.76	59.14	74.00	14.86	Peak
2	10400.000	38.16	12.66	35.44	33.81	49.19	54.00	4.81	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.



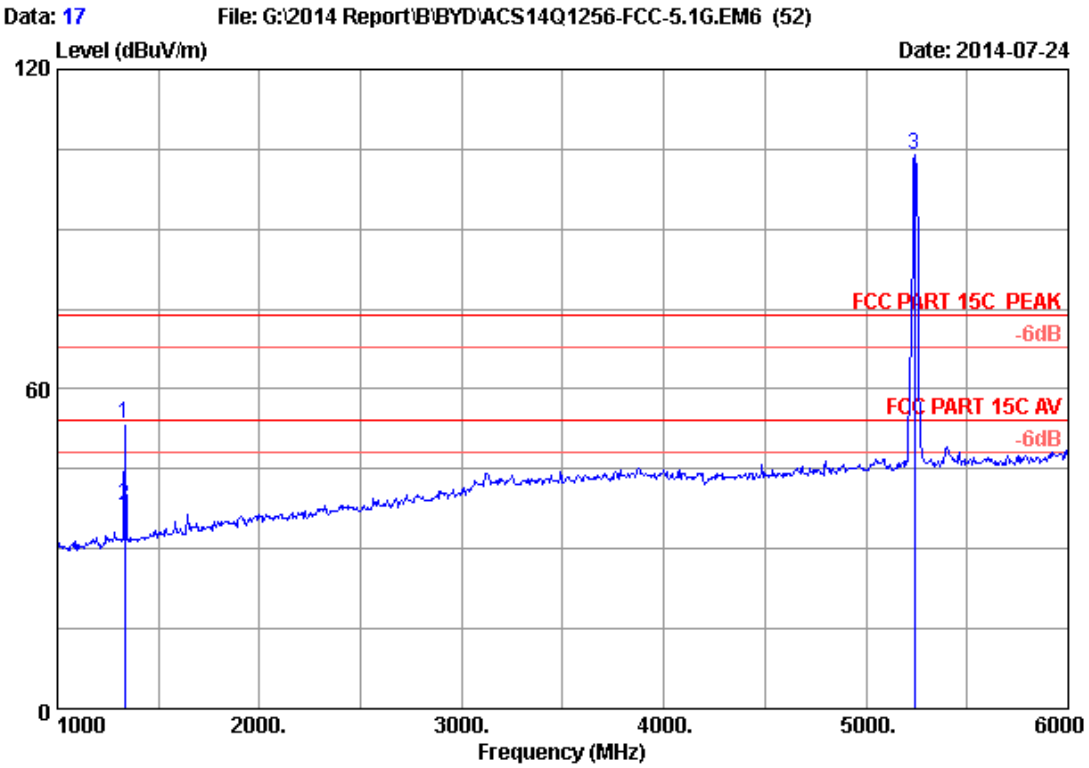

```
Site no.      : 3m Chamber                      Data no.   : 15
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating  : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11a  CH40  5200MHz  Tx
M/N           : AT10-B
```



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 : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH40 5200MHz Tx
M/N : AT10-B

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	10400.000	38.16	12.66	35.44	44.19	59.57	74.00	14.43	Peak
2	10400.000	38.16	12.66	35.44	34.42	49.80	54.00	4.20	Average

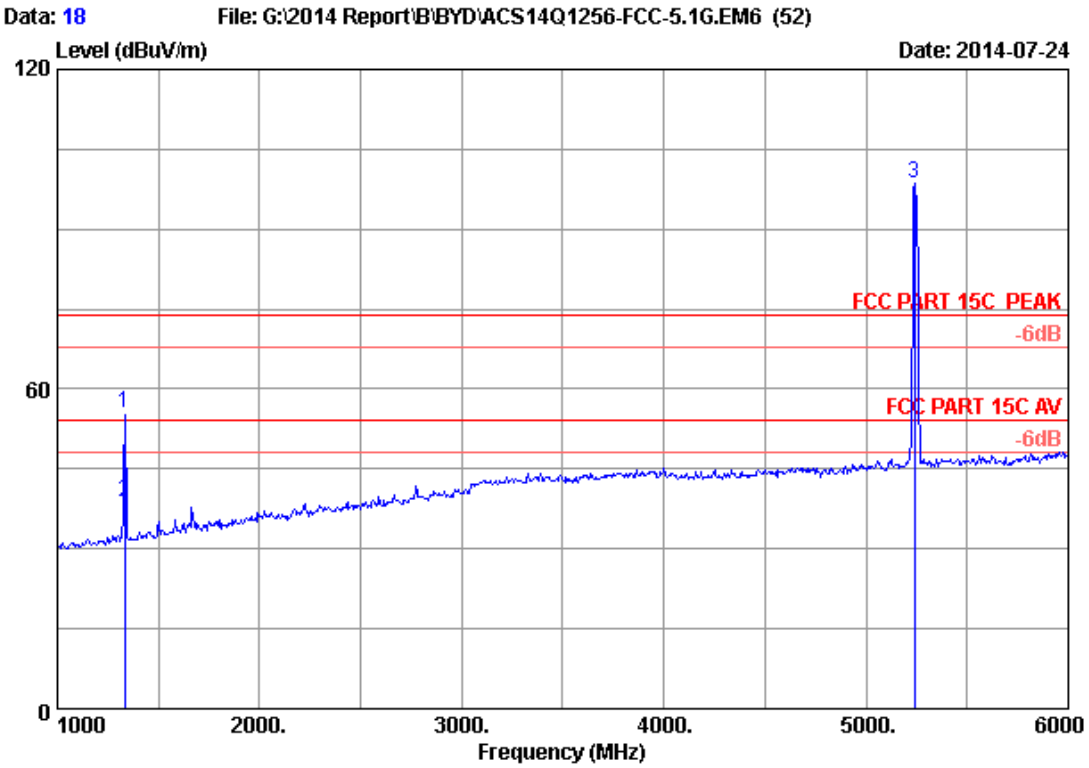
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 17
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH48 5240MHz Tx
M/N : AT10-B

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	1333.430	24.60	4.25	36.43	60.97	53.39	74.00	20.61	Peak
2	1333.430	24.60	4.25	36.43	45.81	38.23	54.00	15.77	Average
3	5240.000	33.58	9.02	35.70	97.08	103.98	74.00	-29.98	Peak

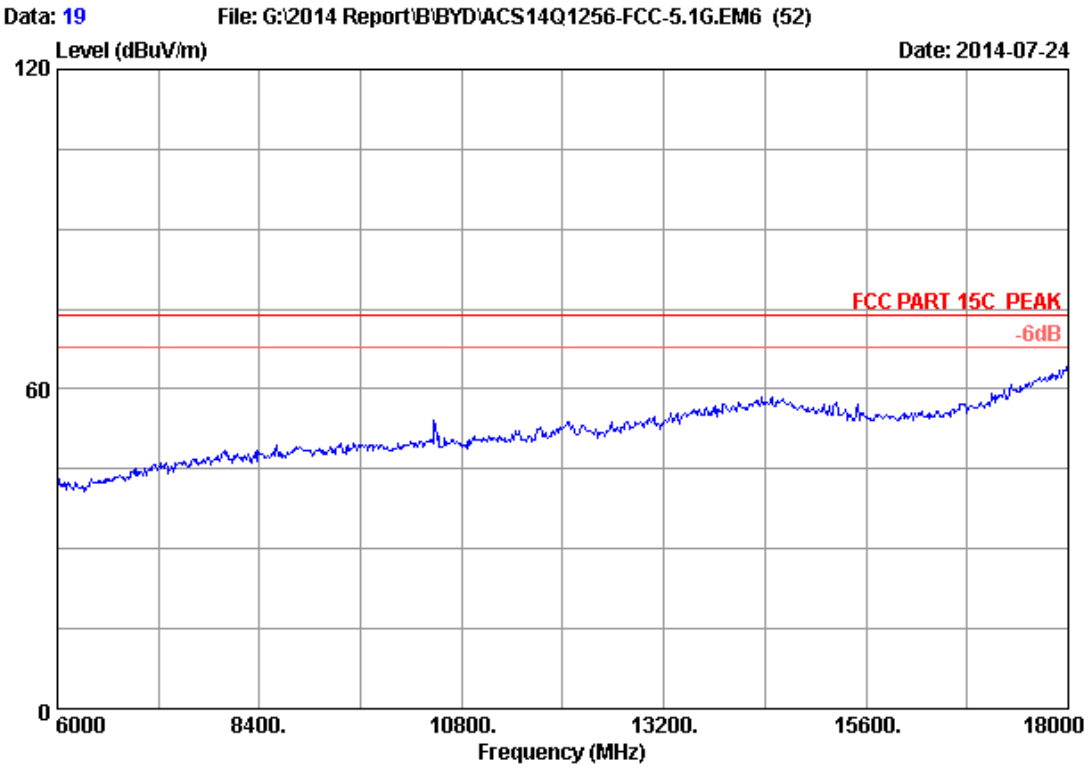
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



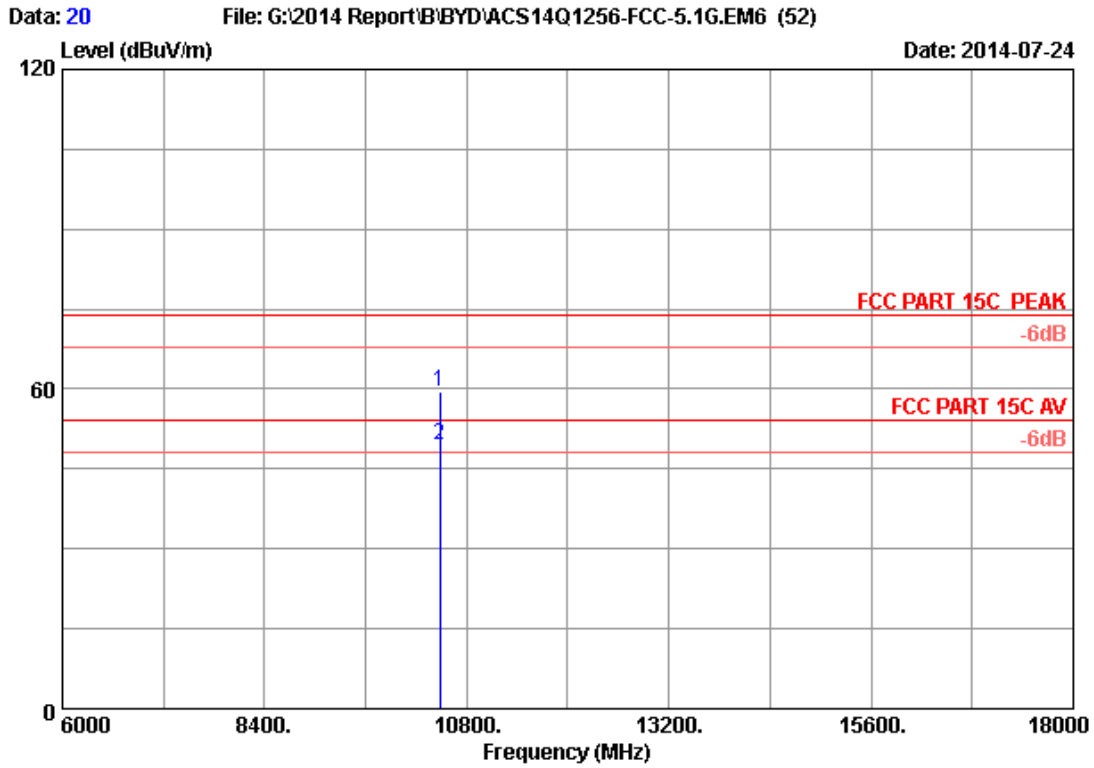
Site no. : 3m Chamber Data no. : 18
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH48 5240MHz Tx
M/N : AT10-B

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	1332.950	24.60	4.24	36.43	63.09	55.50	74.00	18.50	Peak
2	1332.950	24.60	4.24	36.43	46.29	38.70	54.00	15.30	Average
3	5240.000	33.58	9.02	35.70	91.85	98.75	74.00	-24.75	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.



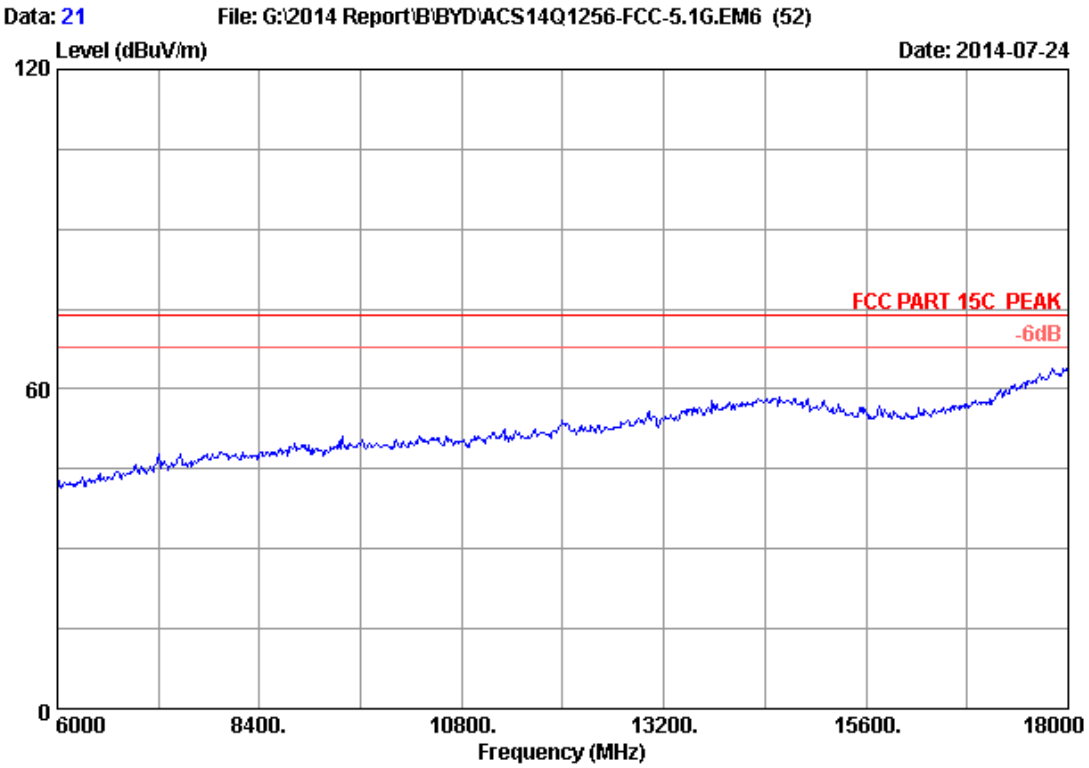

```
Site no.      : 3m Chamber                      Data no.   : 19
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11a  CH48  5240MHz  Tx
M/N           : AT10-B
```



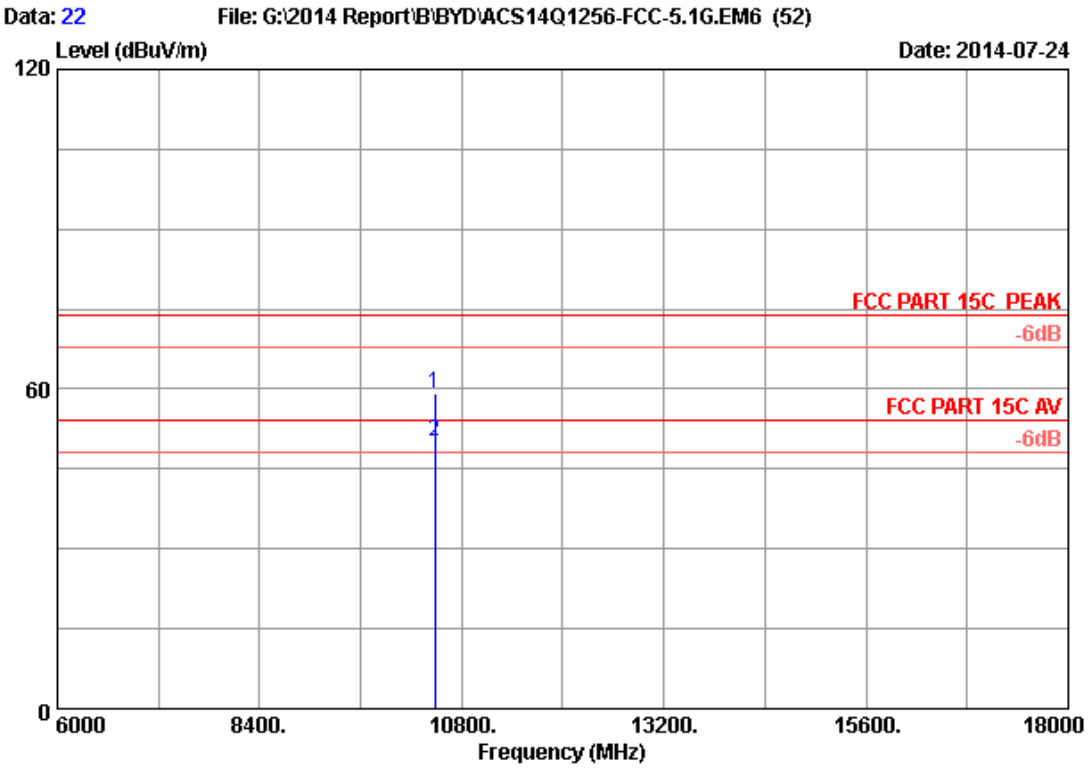
Site no. : 3m Chamber Data no. : 20
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH48 5240MHz Tx
M/N : AT10-B

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	10480.000	38.19	12.70	35.43	44.08	59.54	74.00	14.46	Peak
2	10480.000	38.19	12.70	35.43	33.88	49.34	54.00	4.66	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.



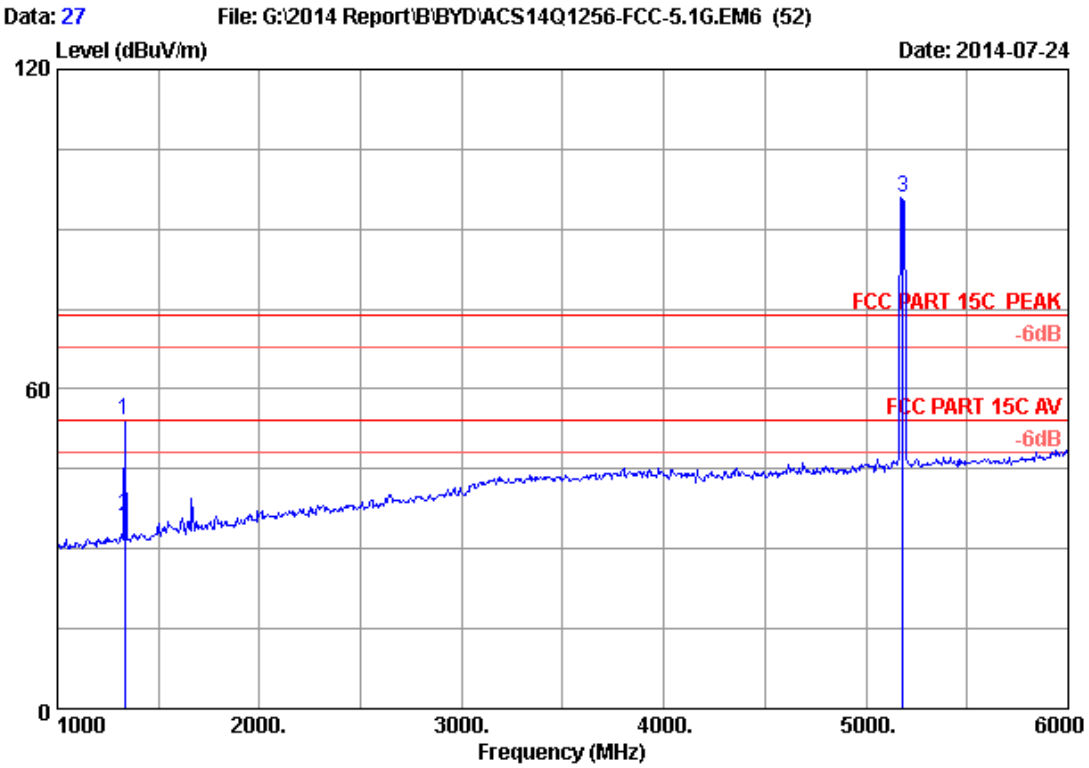

```
Site no.      : 3m Chamber                      Data no.   : 21
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11a  CH48  5240MHz  Tx
M/N           : AT10-B
```



Site no. : 3m Chamber Data no. : 22
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH48 5240MHz Tx
M/N : AT10-B

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	10480.000	38.19	12.70	35.43	43.60	59.06	74.00	14.94	Peak
2	10480.000	38.19	12.70	35.43	34.53	49.99	54.00	4.01	Average

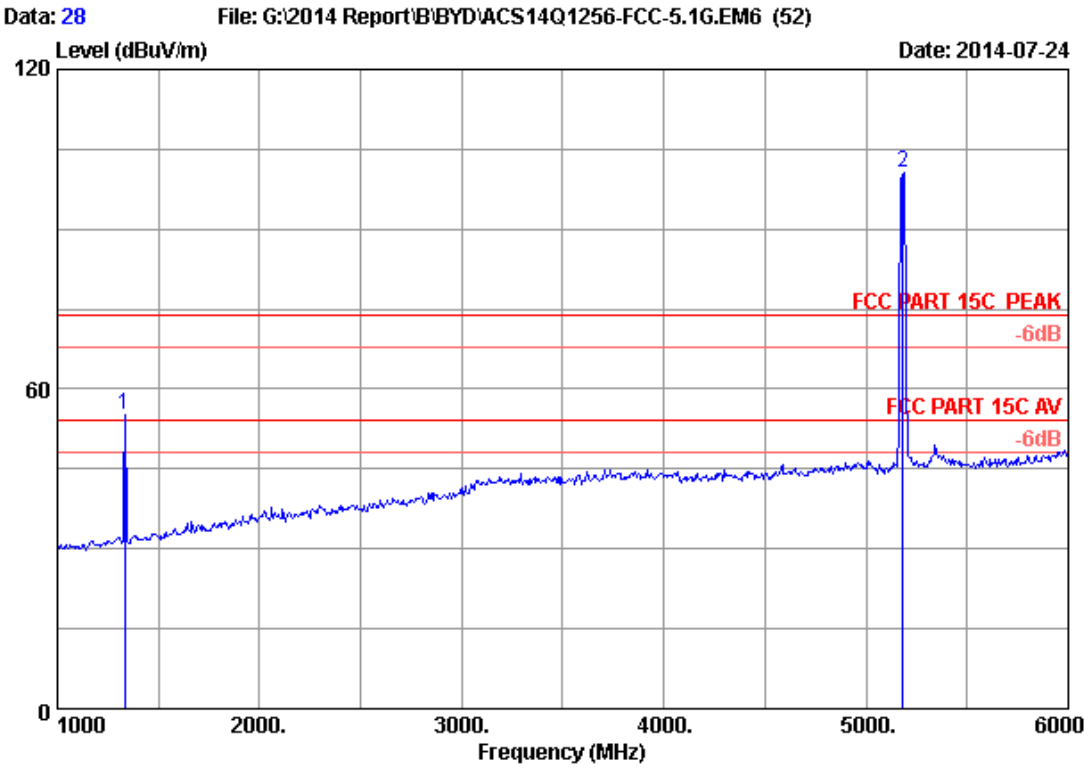
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



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 : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH36 5180MHz Tx
M/N : AT10-B

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	1333.260	24.60	4.24	36.43	61.84	54.25	74.00	19.75	Peak
2	1333.260	24.60	4.24	36.43	43.67	36.08	54.00	17.92	Average
3	5180.000	33.49	8.95	35.70	89.13	95.87	74.00	-21.87	Peak

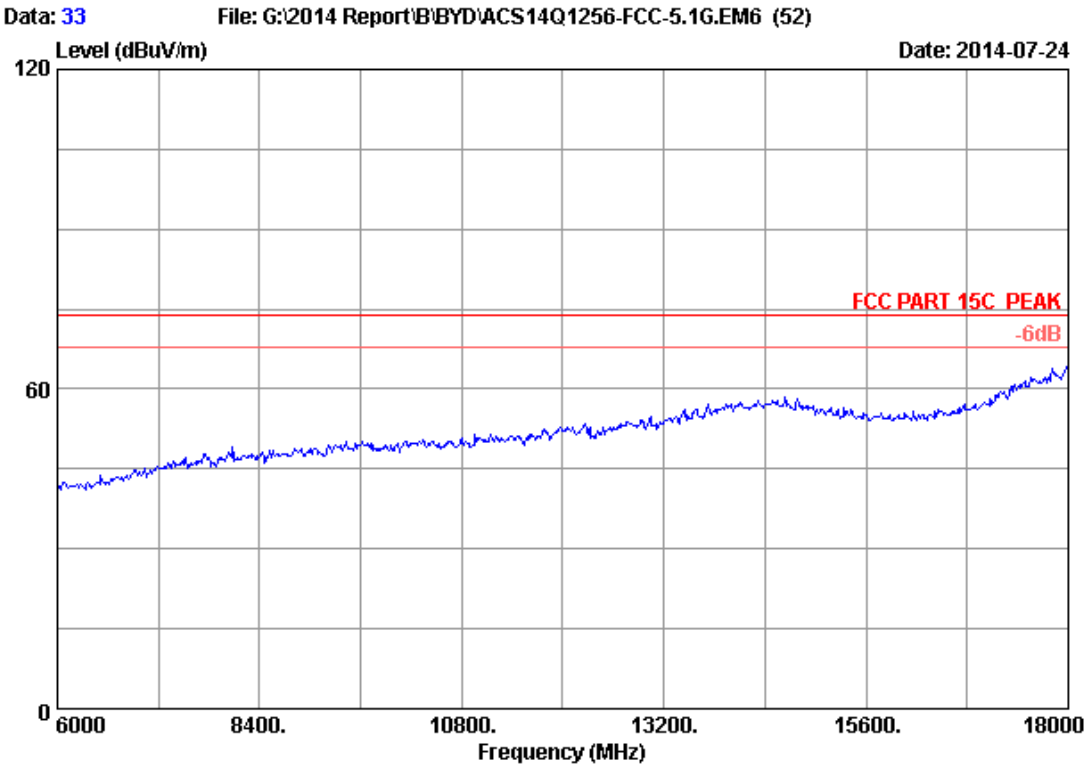
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



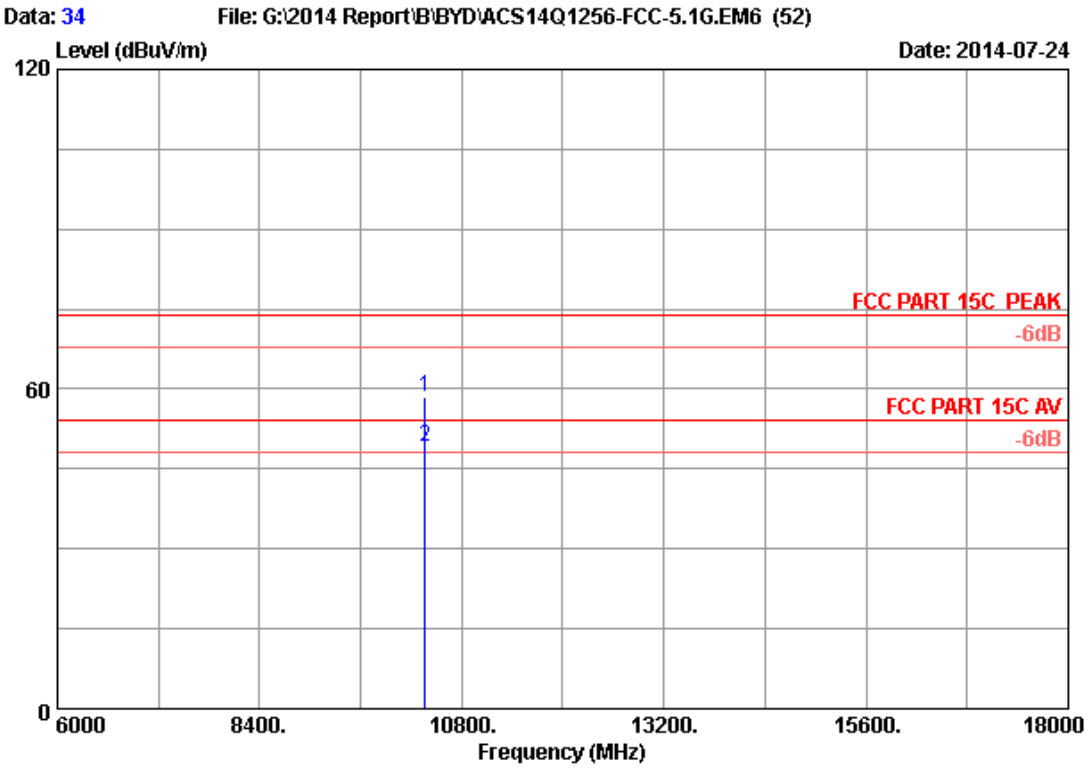
Site no. : 3m Chamber Data no. : 28
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH36 5180MHz Tx
M/N : AT10-B

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	1335.000	24.61	4.25	36.43	62.64	55.07	74.00	18.93	Peak
2	5180.000	33.49	8.95	35.70	93.77	100.51	74.00	-26.51	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.



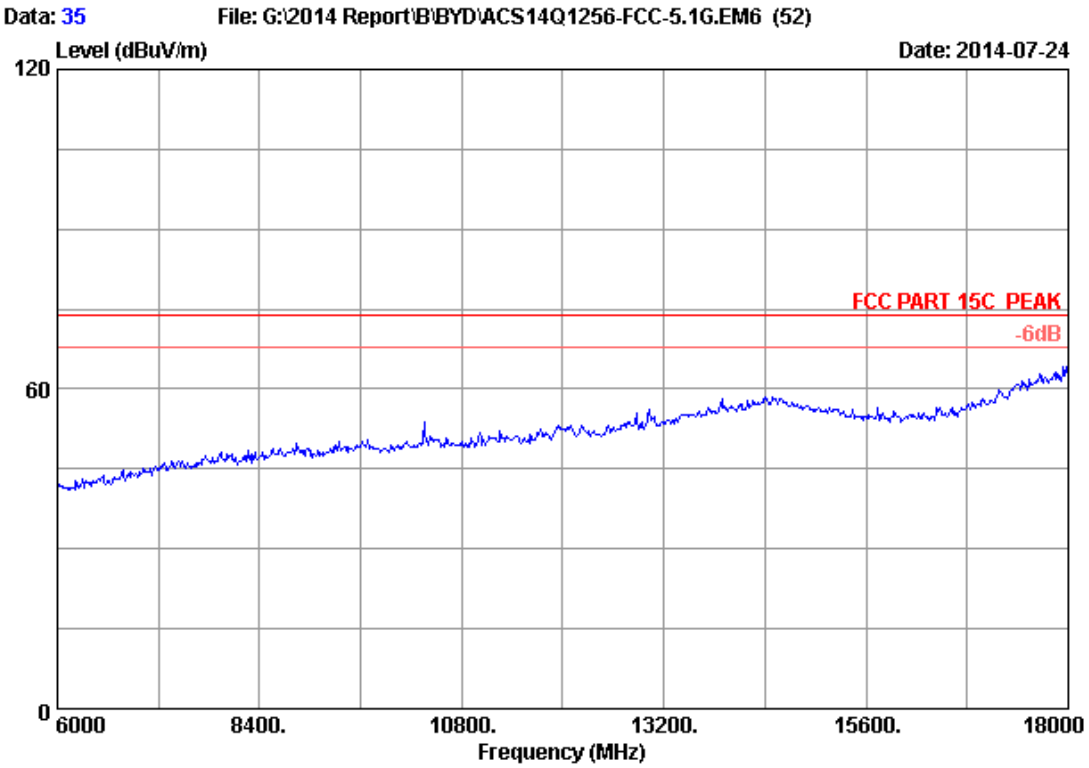

```
Site no.      : 3m Chamber                      Data no.   : 33
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating  : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11nHT20  CH36  5180MHz  Tx
M/N           : AT10-B
```



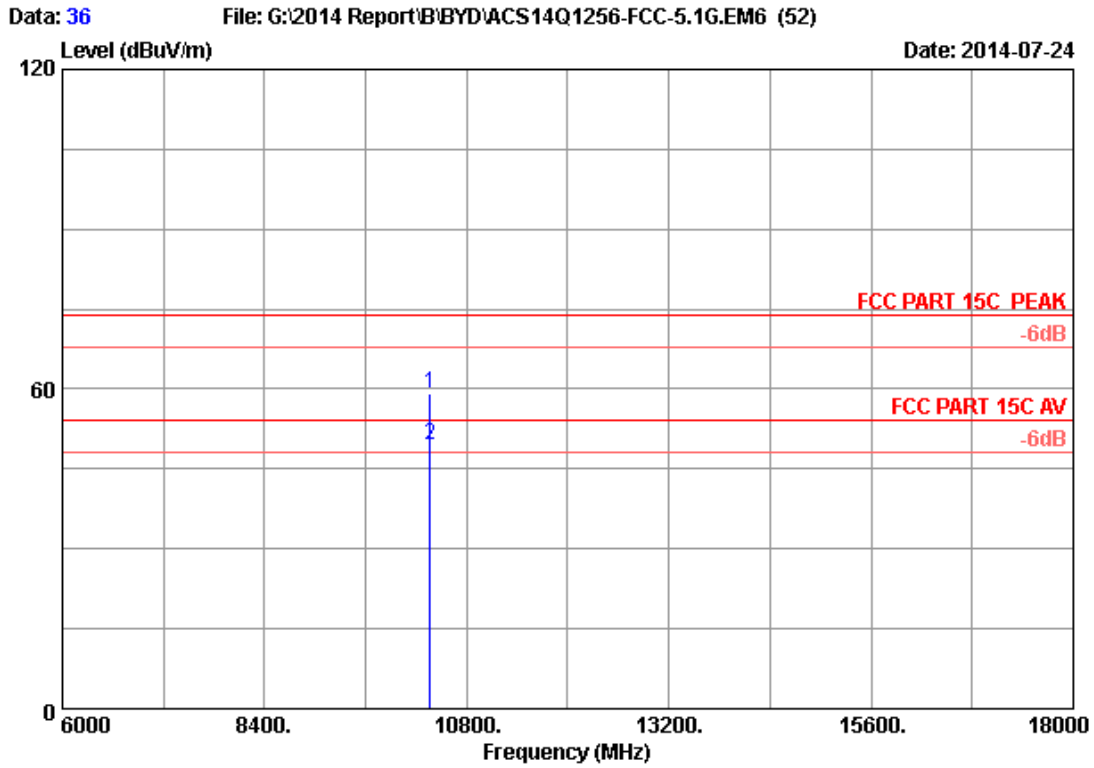
Site no. : 3m Chamber Data no. : 34
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH36 5180MHz Tx
M/N : AT10-B

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	10360.000	38.14	12.64	35.45	43.29	58.62	74.00	15.38	Peak
2	10360.000	38.14	12.64	35.45	33.72	49.05	54.00	4.95	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.



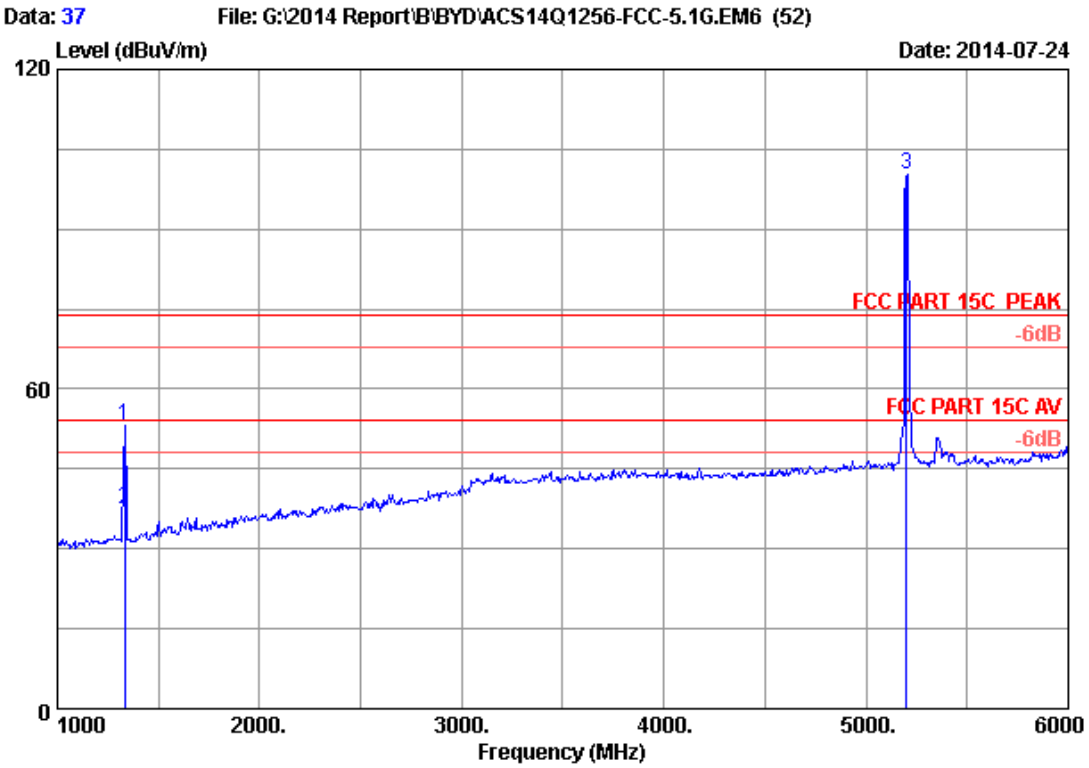

```
Site no.      : 3m Chamber                      Data no.   : 35
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating  : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11nHT20  CH36  5180MHz  Tx
M/N           : AT10-B
```



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 : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH36 5180MHz Tx
M/N : AT10-B

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	10360.000	38.14	12.64	35.45	43.73	59.06	74.00	14.94	Peak
2	10360.000	38.14	12.64	35.45	34.17	49.50	54.00	4.50	Average

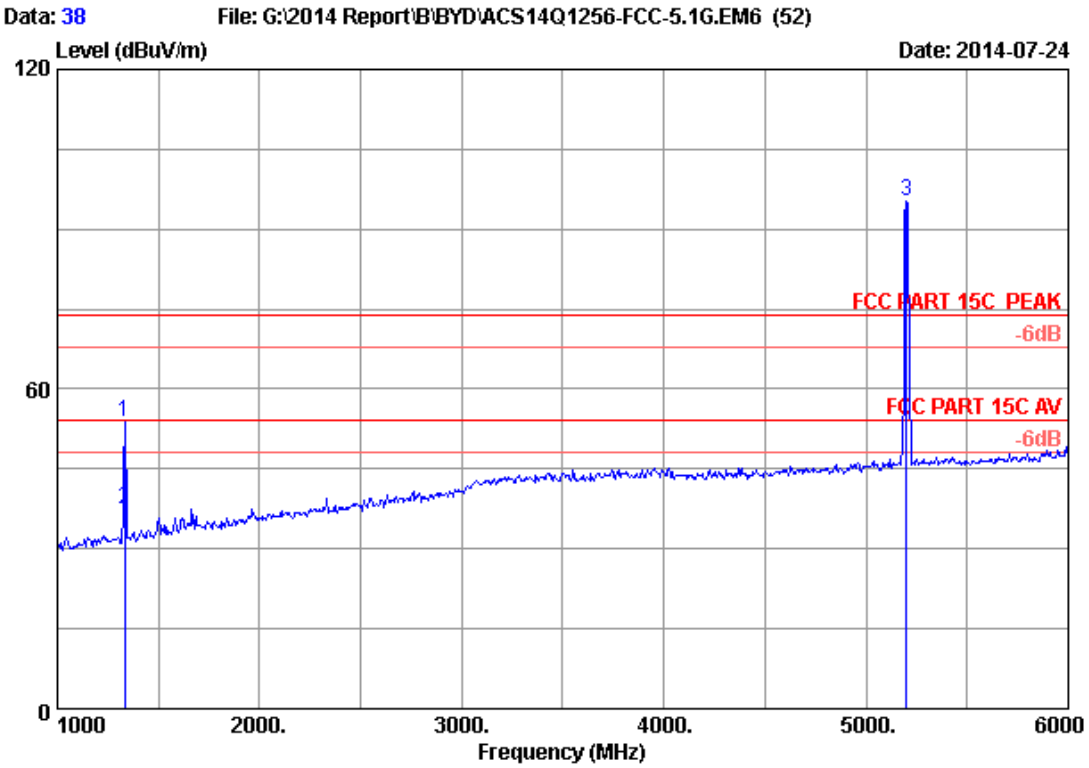
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 37
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH40 5200MHz Tx
M/N : AT10-B

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	1332.630	24.60	4.24	36.43	60.63	53.04	74.00	20.96	Peak
2	1332.630	24.60	4.24	36.43	44.89	37.30	54.00	16.70	Average
3	5200.000	33.52	8.97	35.70	93.43	100.22	74.00	-26.22	Peak

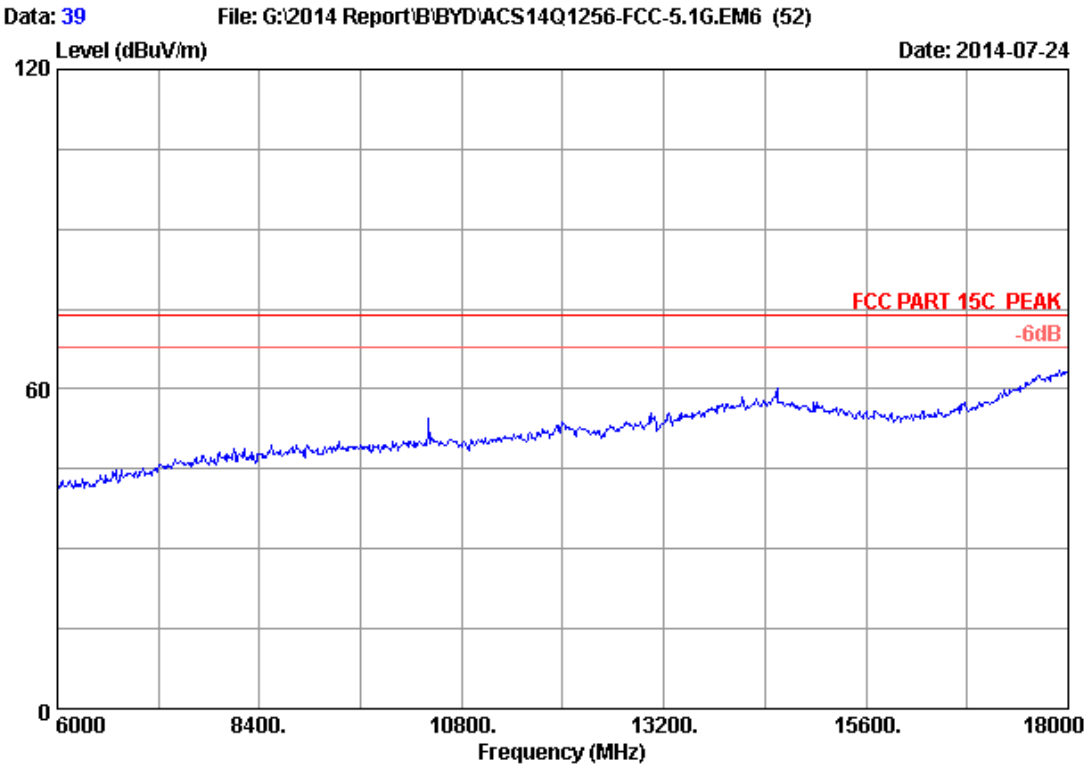
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



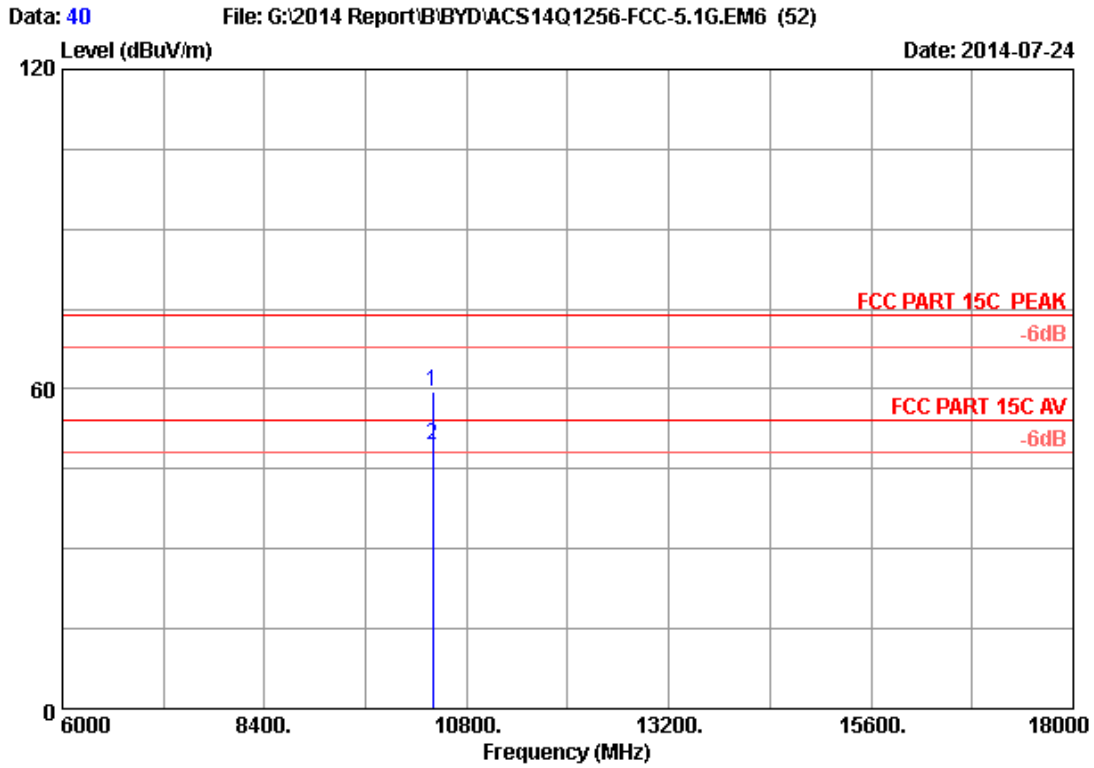
Site no. : 3m Chamber Data no. : 38
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH40 5200MHz Tx
M/N : AT10-B

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	1332.910	24.60	4.24	36.43	61.28	53.69	74.00	20.31	Peak
2	1332.910	24.60	4.24	36.43	45.16	37.57	54.00	16.43	Average
3	5200.000	33.52	8.97	35.70	88.45	95.24	74.00	-21.24	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.



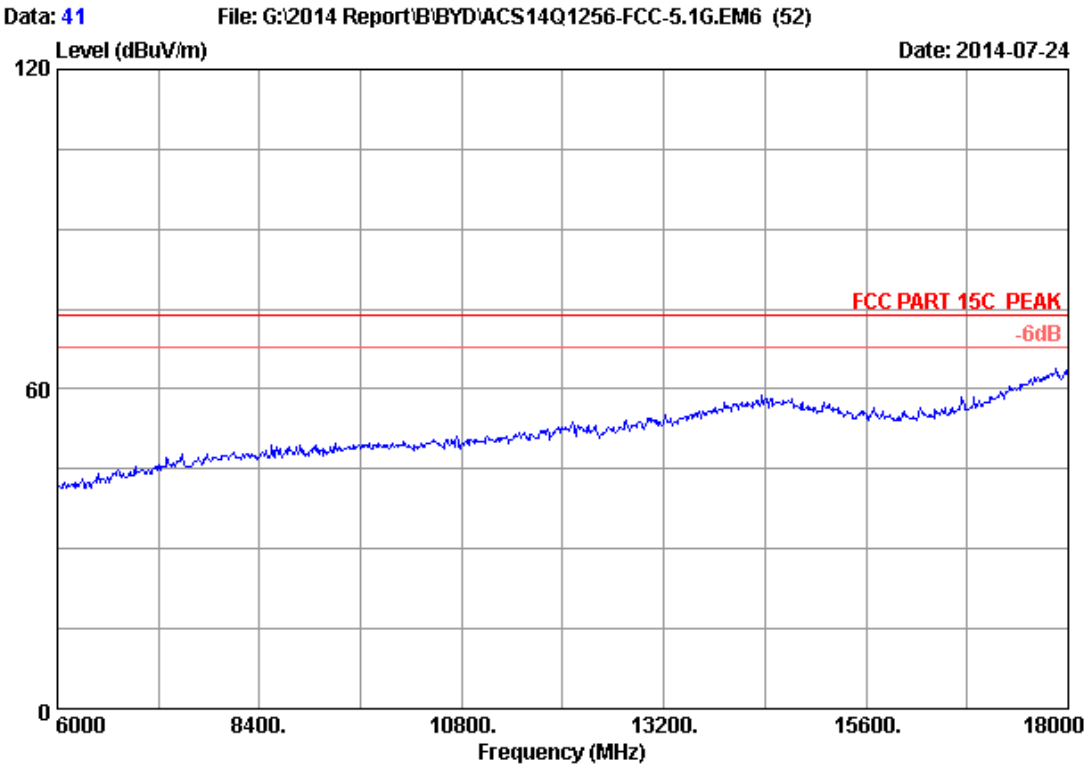

```
Site no.      : 3m Chamber                      Data no.   : 39
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating  : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11nHT20  CH40  5200MHz  Tx
M/N           : AT10-B
```



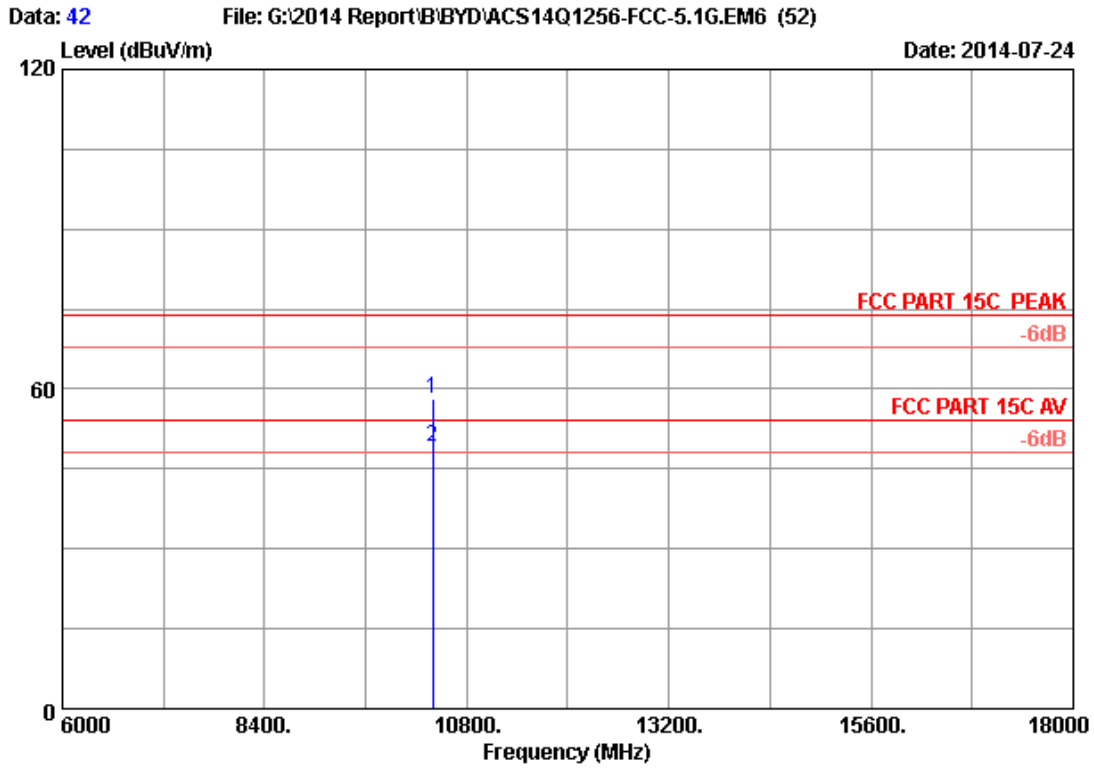
Site no. : 3m Chamber Data no. : 40
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH40 5200MHz Tx
M/N : AT10-B

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	10400.000	38.16	12.66	35.44	43.99	59.37	74.00	14.63	Peak
2	10400.000	38.16	12.66	35.44	34.21	49.59	54.00	4.41	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.



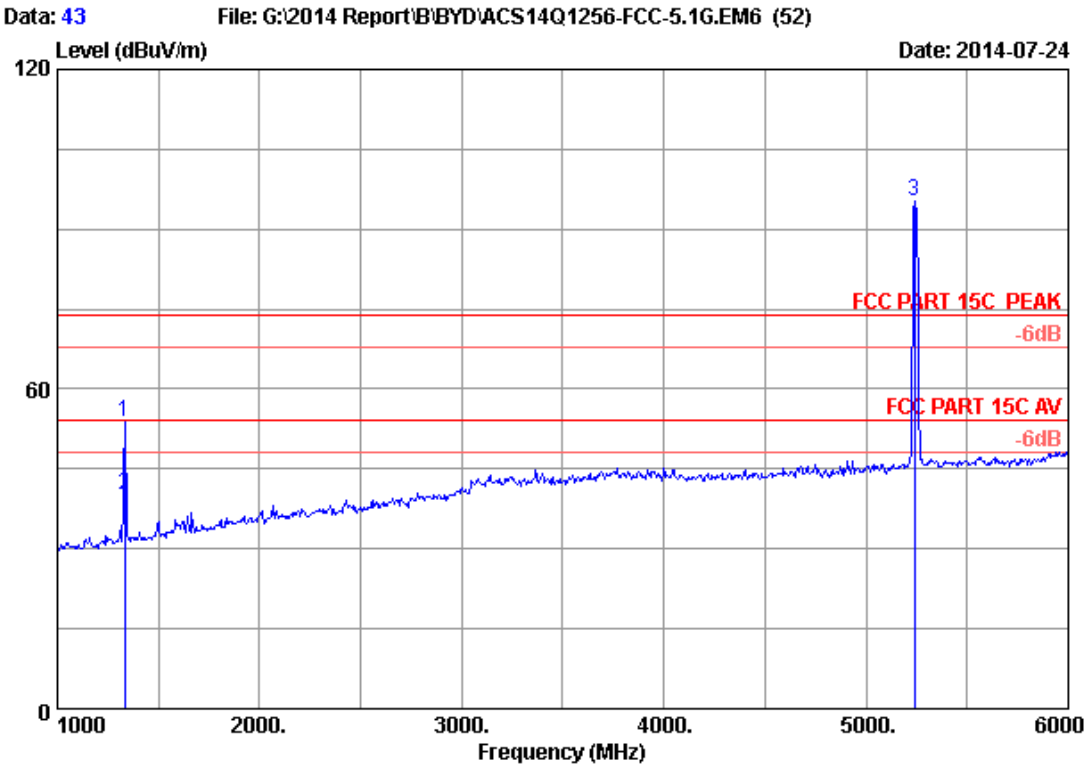

```
Site no.      : 3m Chamber                      Data no.   : 41
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11nHT20  CH40  5200MHz  Tx
M/N           : AT10-B
```



Site no. : 3m Chamber Data no. : 42
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH40 5200MHz Tx
M/N : AT10-B

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	10400.000	38.16	12.66	35.44	42.68	58.06	74.00	15.94	Peak
2	10400.000	38.16	12.66	35.44	33.76	49.14	54.00	4.86	Average

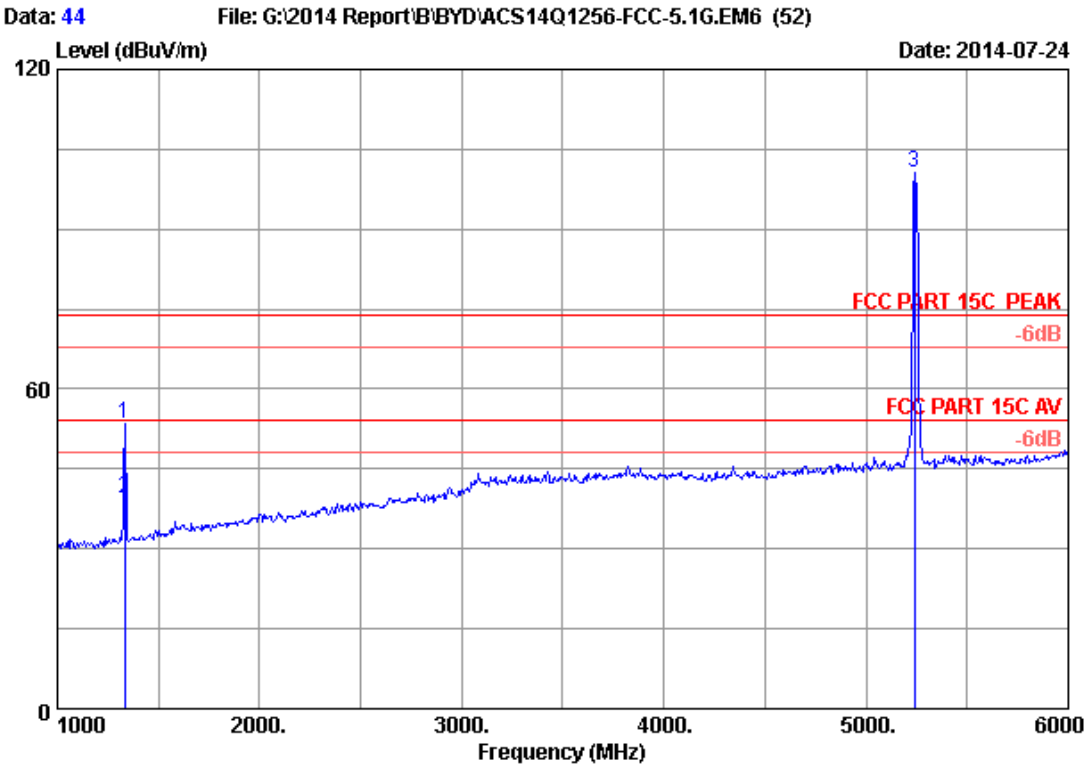
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 43
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH48 5240MHz Tx
M/N : AT10-B

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	1333.550	24.60	4.25	36.43	61.29	53.71	74.00	20.29	Peak
2	1333.550	24.60	4.25	36.43	47.83	40.25	54.00	13.75	Average
3	5240.000	33.58	9.02	35.70	88.33	95.23	74.00	-21.23	Peak

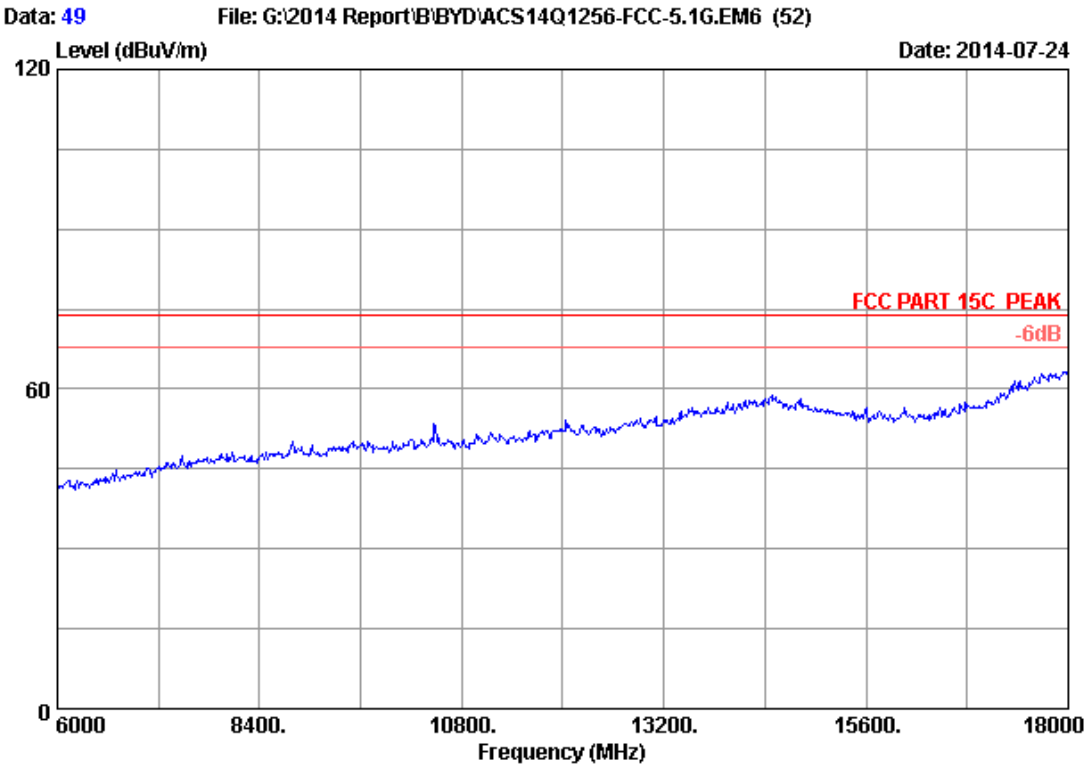
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



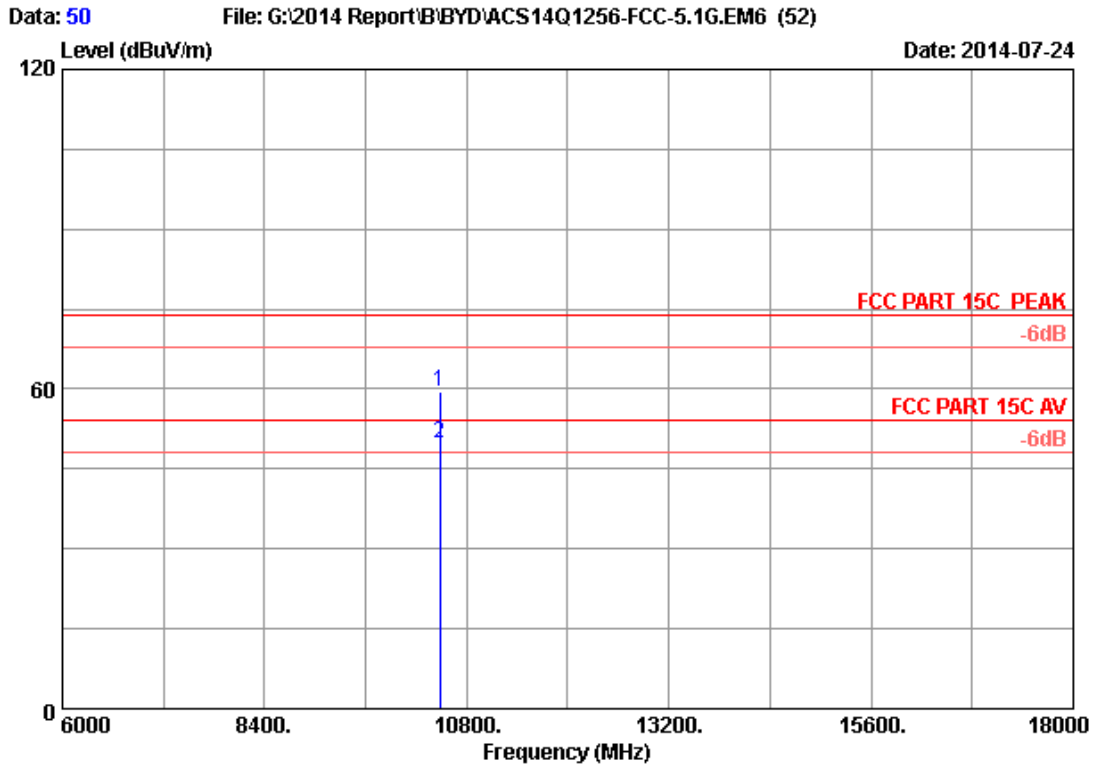
Site no. : 3m Chamber Data no. : 44
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH48 5240MHz Tx
M/N : AT10-B

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	1334.010	24.60	4.25	36.43	60.95	53.37	74.00	20.63	Peak
2	1334.010	24.60	4.25	36.43	47.09	39.51	54.00	14.49	Average
3	5240.000	33.58	9.02	35.70	93.75	100.65	74.00	-26.65	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.



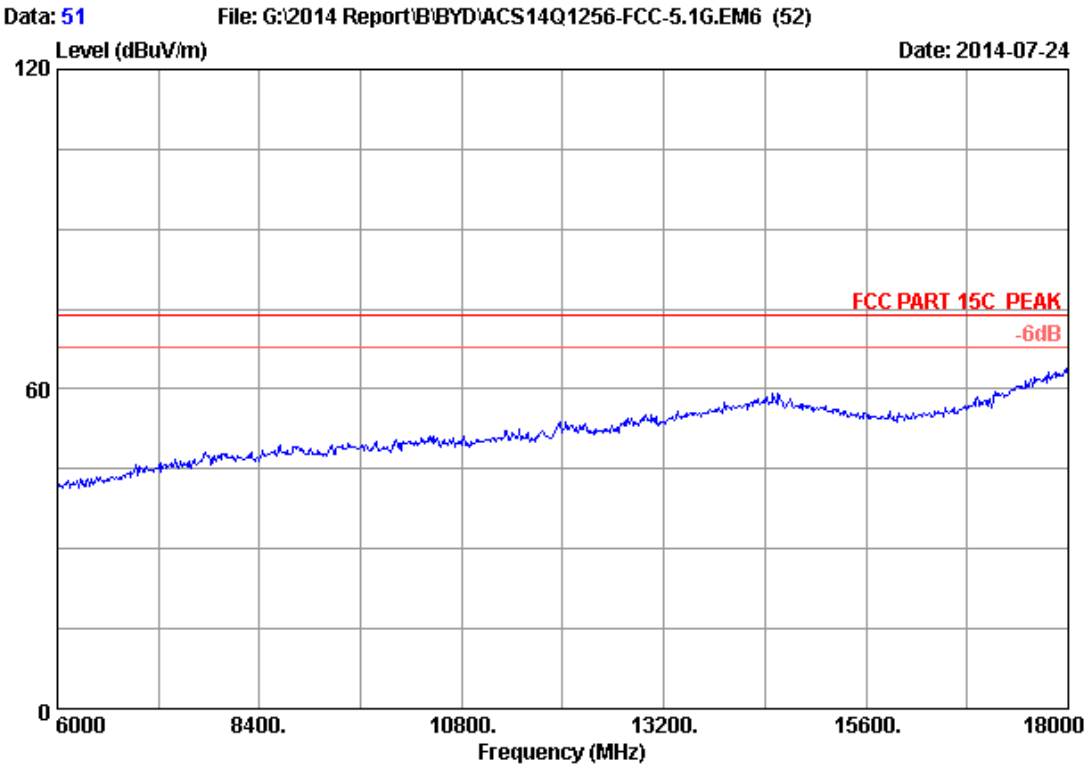

```
Site no.      : 3m Chamber                      Data no.   : 49
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating  : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11nHT20  CH48  5240MHz  Tx
M/N           : AT10-B
```



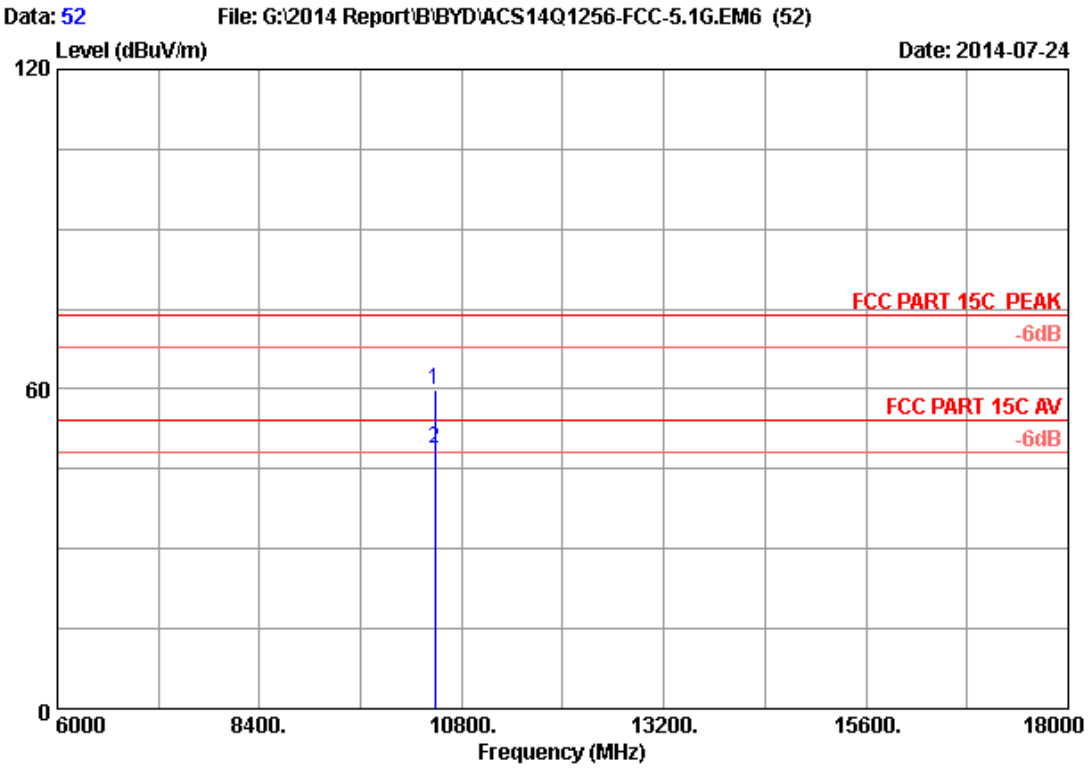
Site no. : 3m Chamber Data no. : 50
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH48 5240MHz Tx
M/N : AT10-B

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	10480.000	38.19	12.70	35.43	44.13	59.59	74.00	14.41	Peak
2	10480.000	38.19	12.70	35.43	34.26	49.72	54.00	4.28	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.   : 51
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11nHT20  CH48  5240MHz  Tx
M/N           : AT10-B
```

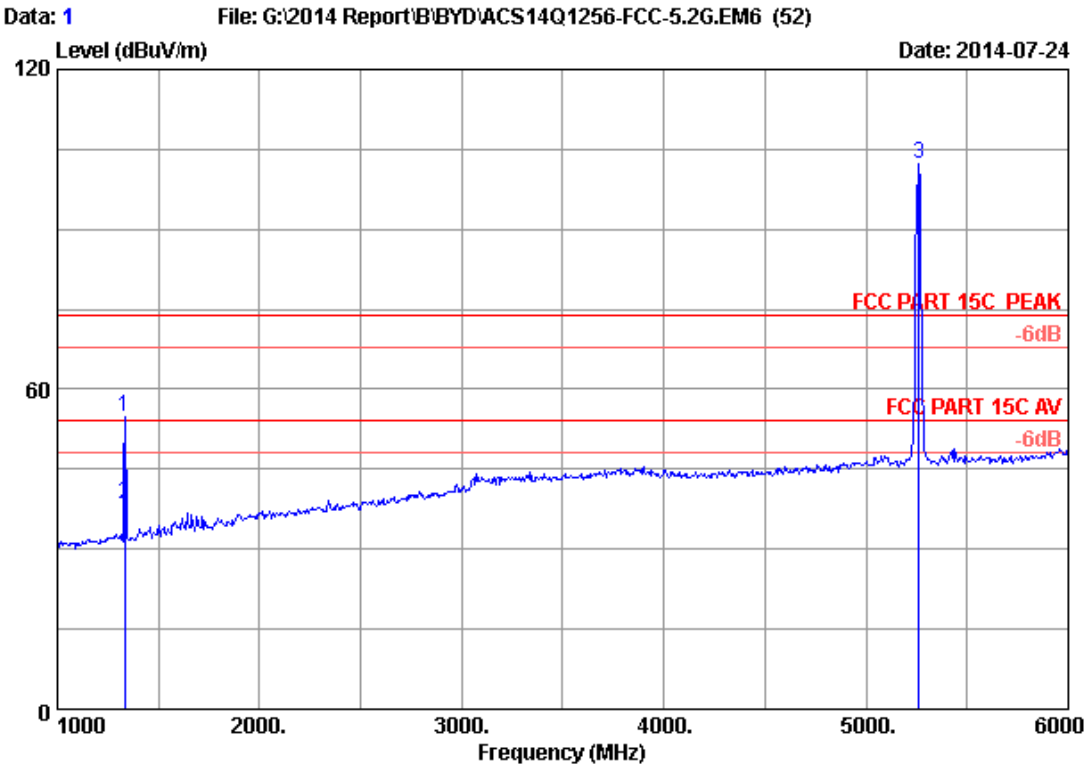


Site no. : 3m Chamber Data no. : 52
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH48 5240MHz Tx
M/N : AT10-B

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	10480.000	38.19	12.70	35.43	44.35	59.81	74.00	14.19	Peak
2	10480.000	38.19	12.70	35.43	33.38	48.84	54.00	5.16	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.

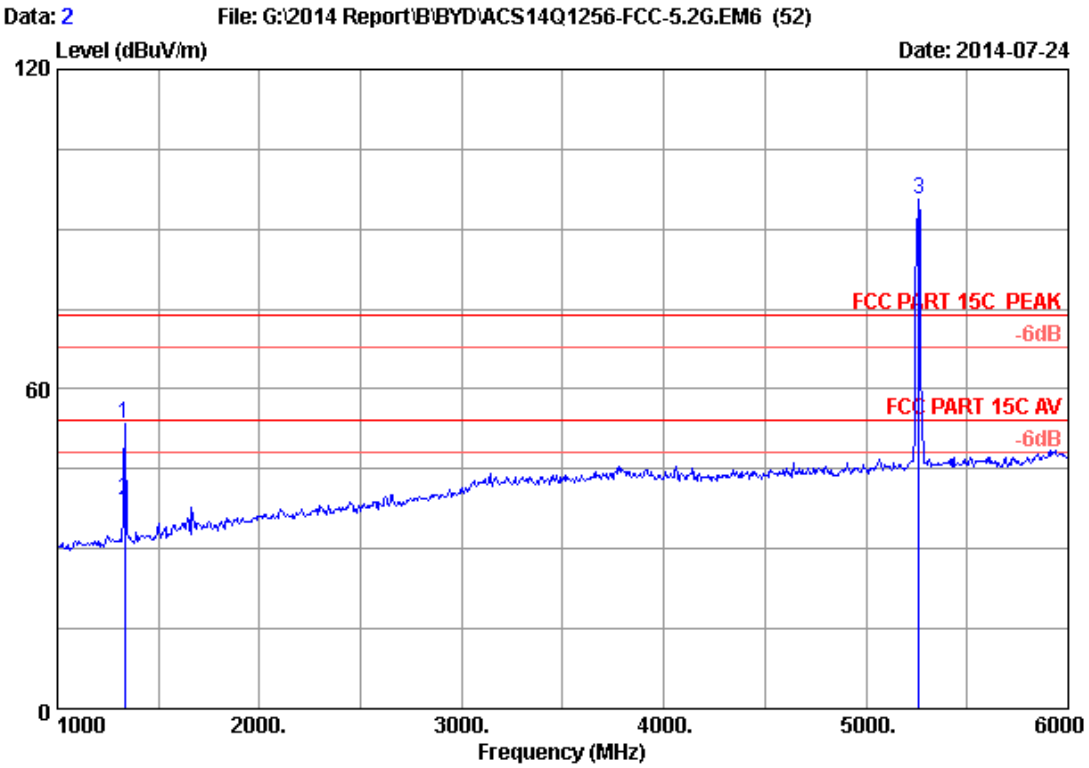
Band 2(5260-5320MHz):
Frequency: 1GHz~18GHz



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 : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH52 5260MHz Tx
M/N : AT10-B

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	1333.510	24.60	4.25	36.43	62.44	54.86	74.00	19.14	Peak
2	1333.510	24.60	4.25	36.43	45.87	38.29	54.00	15.71	Average
3	5260.000	33.62	9.04	35.70	95.18	102.14	74.00	-28.14	Peak

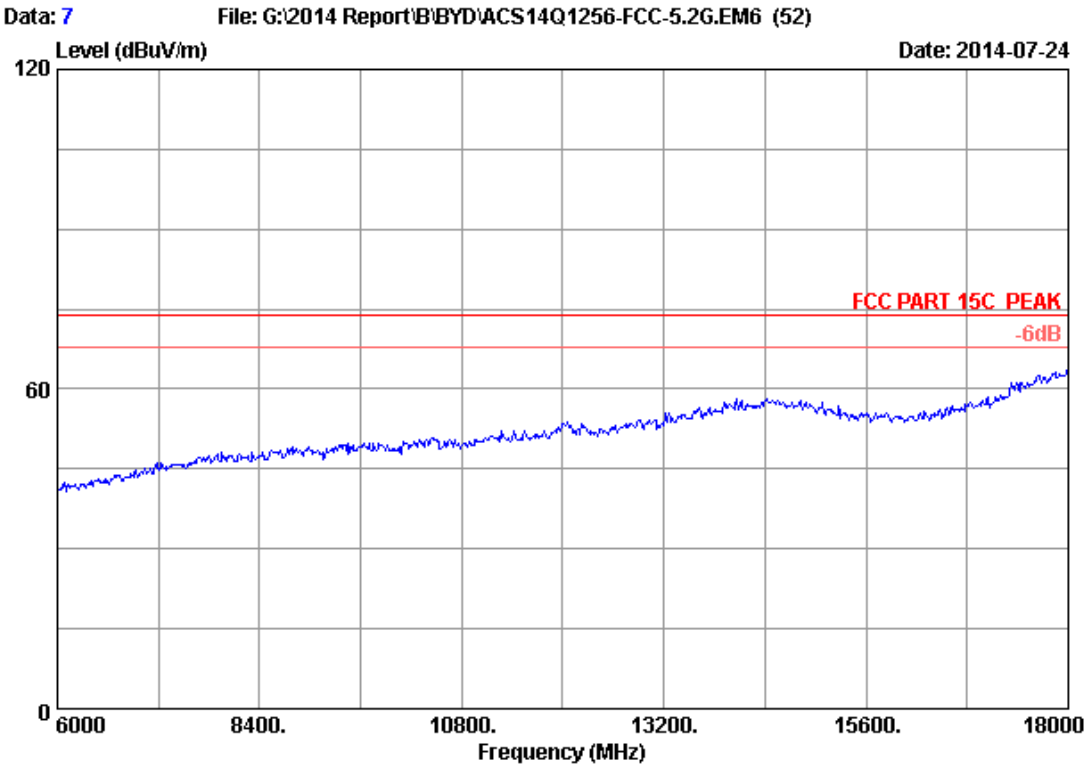
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



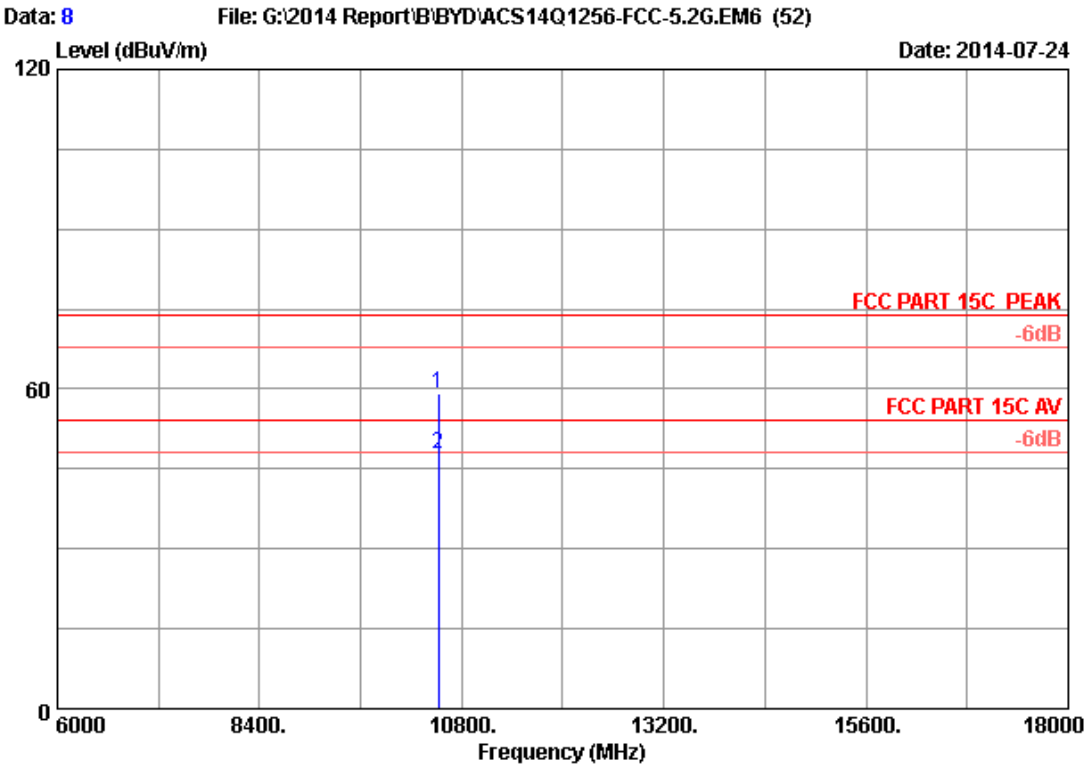
Site no. : 3m Chamber Data no. : 2
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH52 5260MHz Tx
M/N : AT10-B

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	1332.830	24.60	4.24	36.43	61.00	53.41	74.00	20.59	Peak
2	1332.830	24.60	4.24	36.43	46.72	39.13	54.00	14.87	Average
3	5260.000	33.62	9.04	35.70	88.70	95.66	74.00	-21.66	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.



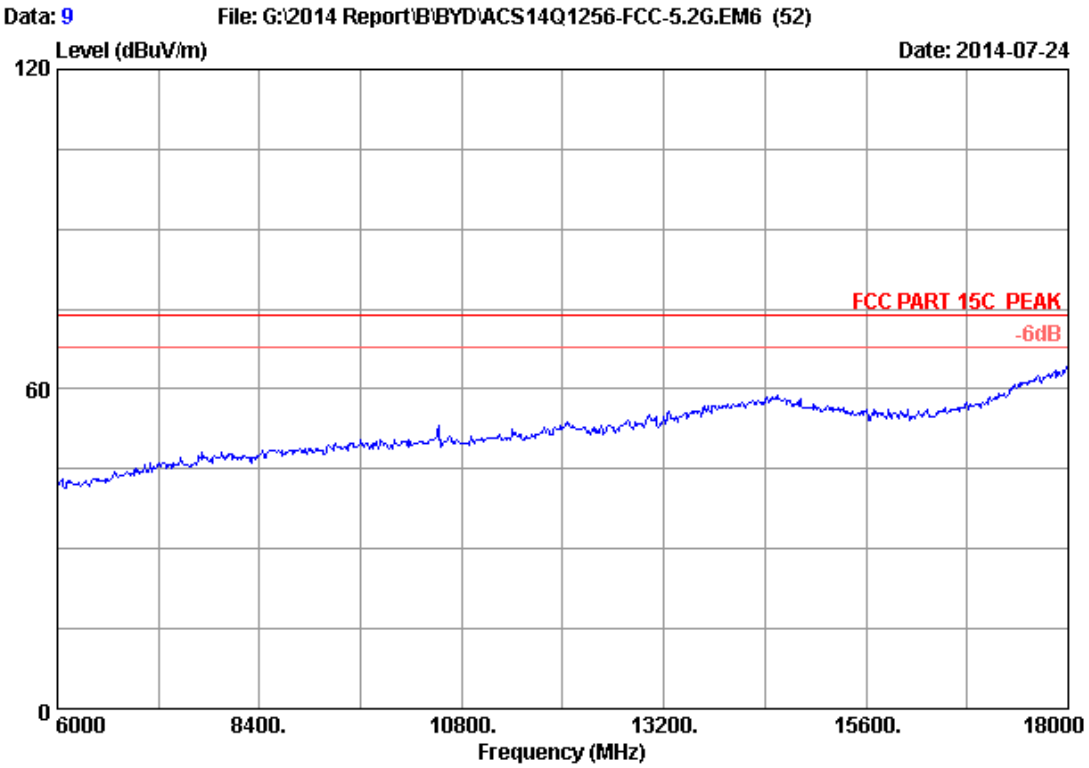

```
Site no.      : 3m Chamber                      Data no.   : 7
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11a  CH52  5260MHz  Tx
M/N           : AT10-B
```



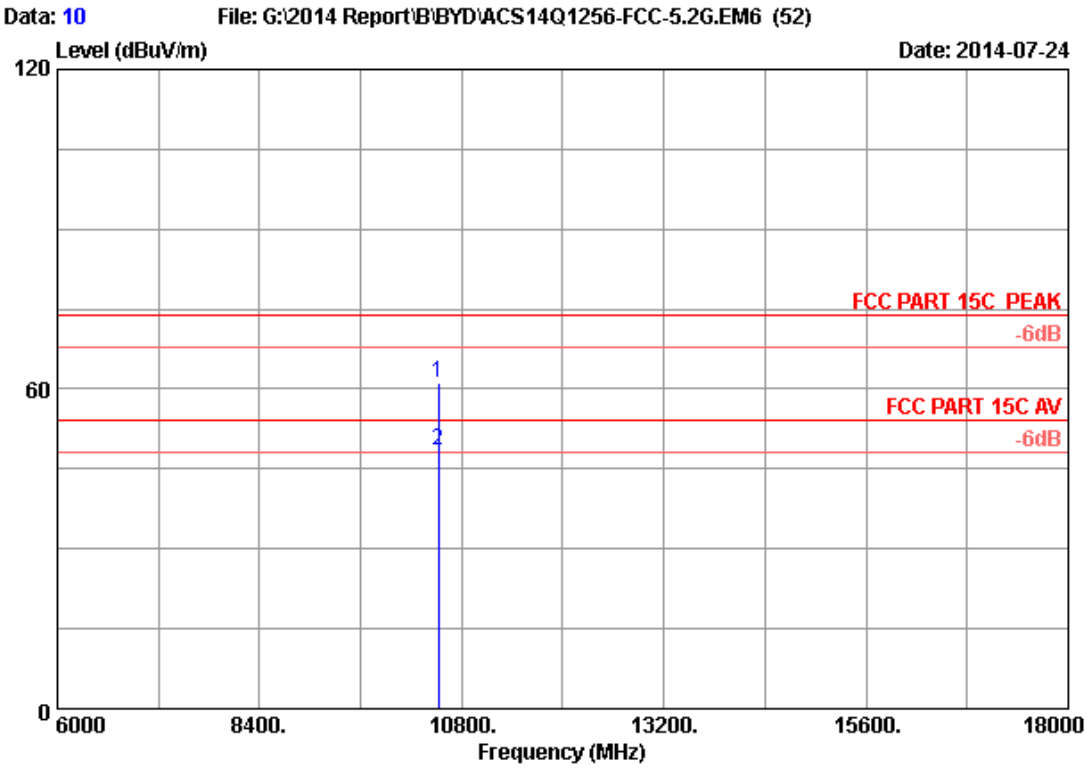
Site no. : 3m Chamber Data no. : 8
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH52 5260MHz Tx
M/N : AT10-B

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	10520.000	38.21	12.73	35.42	43.54	59.06	74.00	14.94	Peak
2	10520.000	38.21	12.73	35.42	32.39	47.91	54.00	6.09	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.



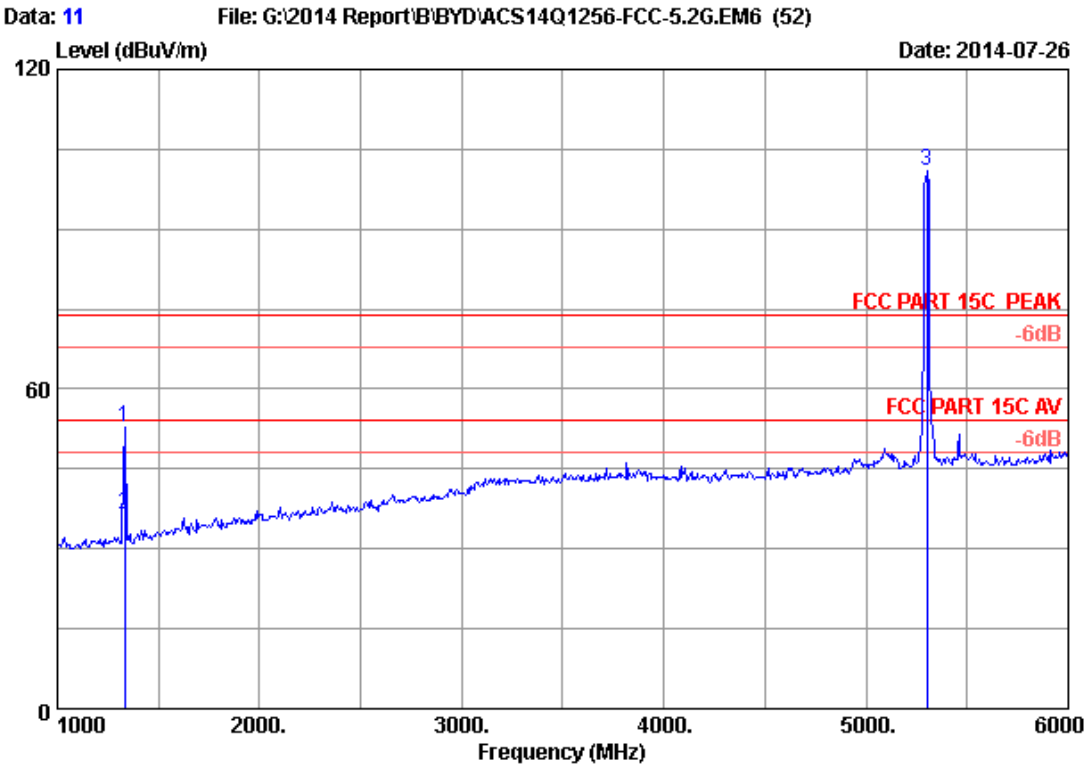

```
Site no.      : 3m Chamber                      Data no.   : 9
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11a  CH52  5260MHz  Tx
M/N           : AT10-B
```



Site no. : 3m Chamber Data no. : 10
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH52 5260MHz Tx
M/N : AT10-B

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	10520.000	38.21	12.73	35.42	45.59	61.11	74.00	12.89	Peak
2	10520.000	38.21	12.73	35.42	32.80	48.32	54.00	5.68	Average

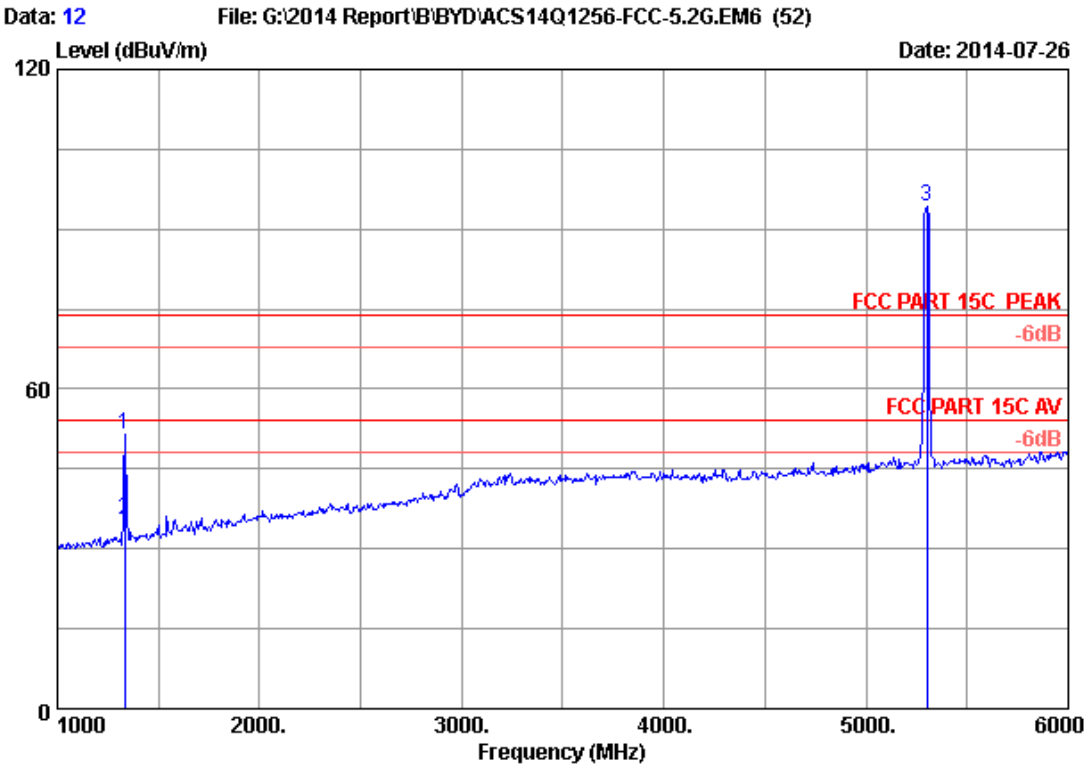
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



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 : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH60 5300MHz Tx
M/N : AT10-B

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	1334.060	24.60	4.25	36.43	60.44	52.86	74.00	21.14	Peak
2	1334.060	24.60	4.25	36.43	43.98	36.40	54.00	17.60	Average
3	5300.000	33.68	9.08	35.70	93.73	100.79	74.00	-26.79	Peak

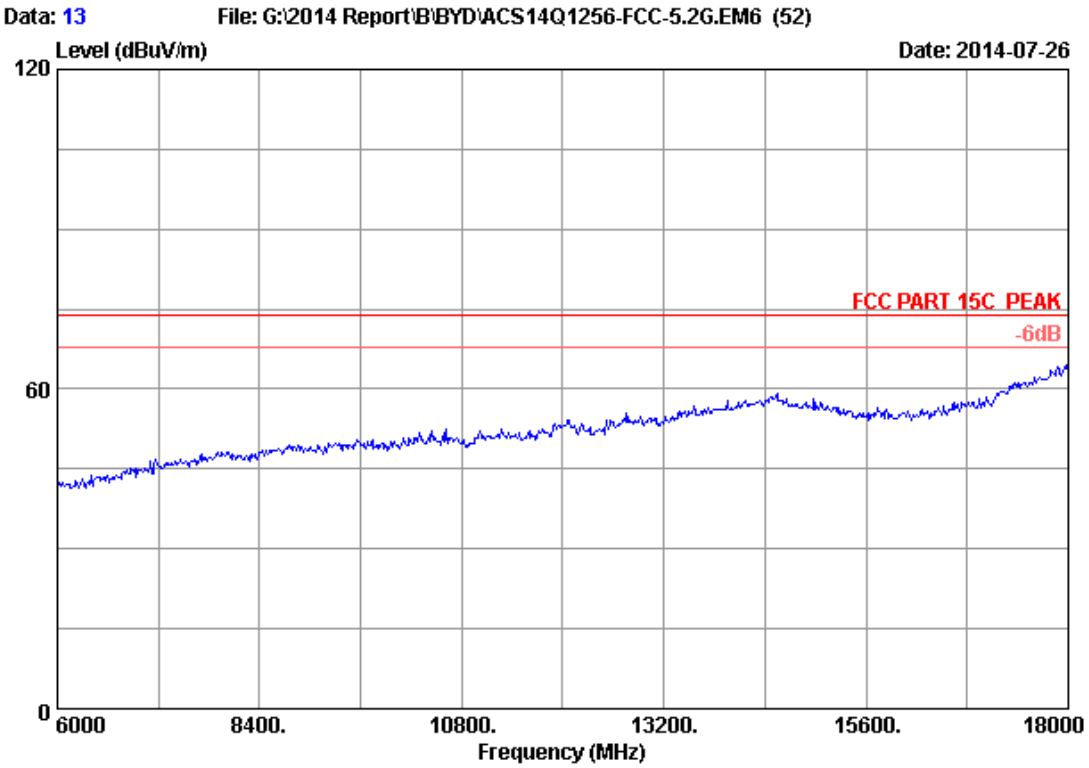
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



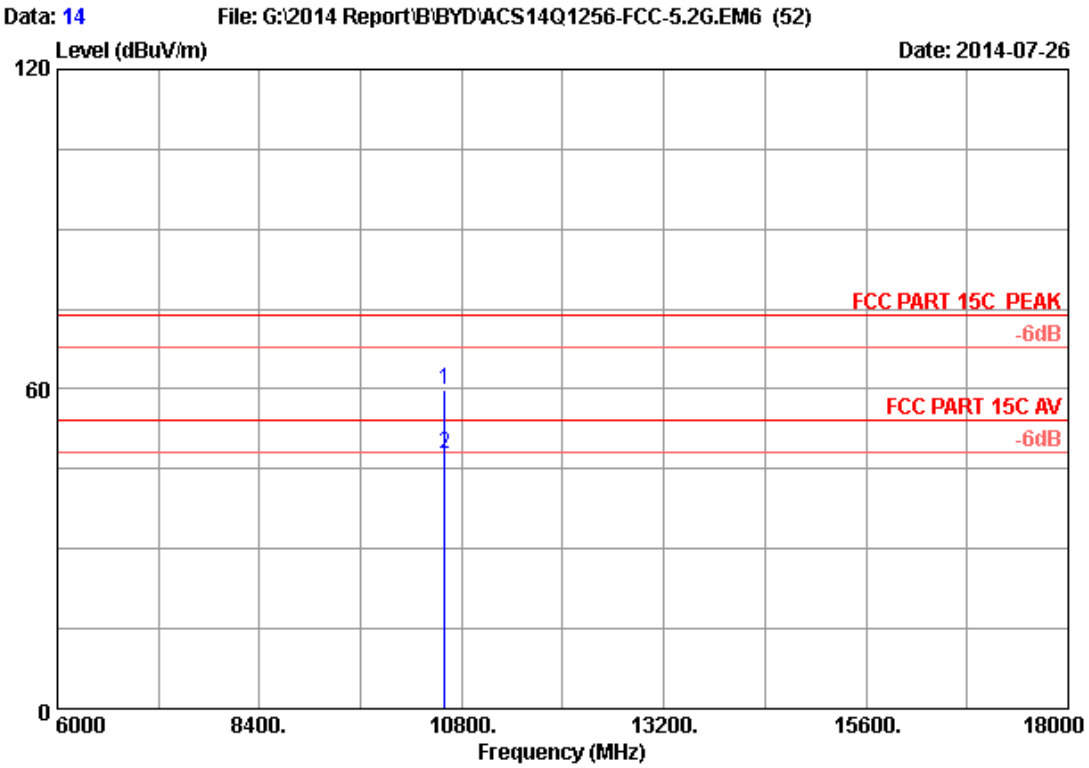
Site no. : 3m Chamber Data no. : 12
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH60 5300MHz Tx
M/N : AT10-B

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	1333.860	24.60	4.25	36.43	59.13	51.55	74.00	22.45	Peak
2	1333.860	24.60	4.25	36.43	42.85	35.27	54.00	18.73	Average
3	5300.000	33.68	9.08	35.70	87.16	94.22	74.00	-20.22	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.



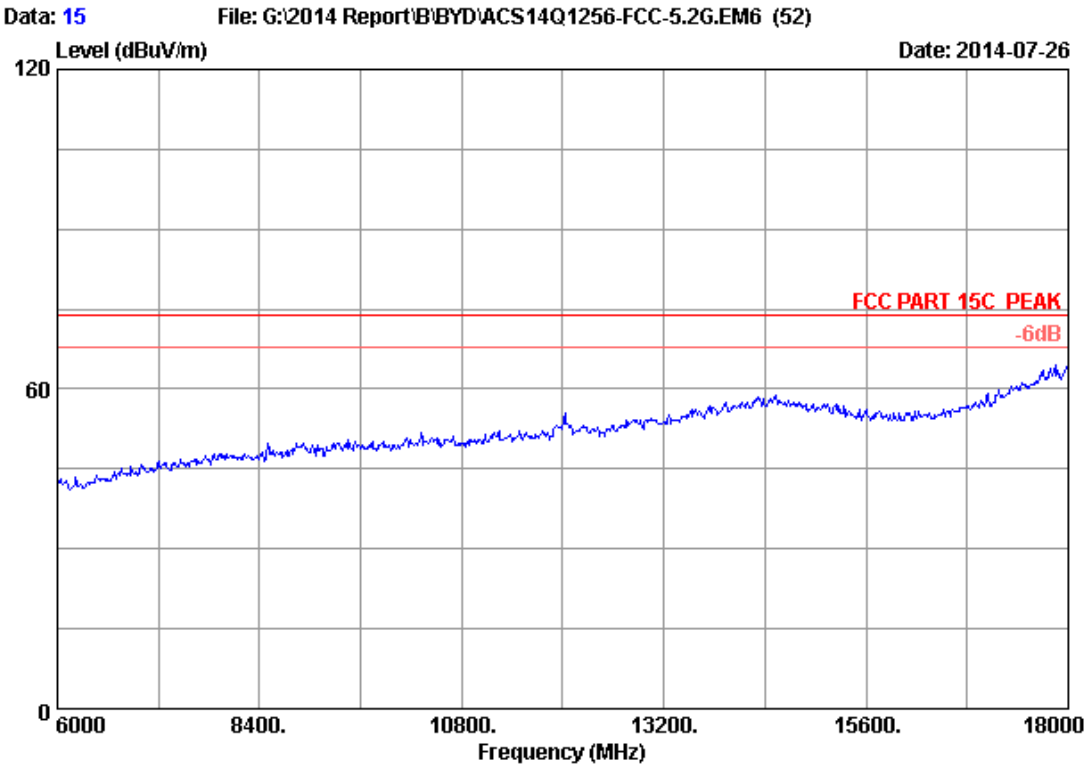

```
Site no.      : 3m Chamber                      Data no.   : 13
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating  : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11a  CH60  5300MHz  Tx
M/N           : AT10-B
```



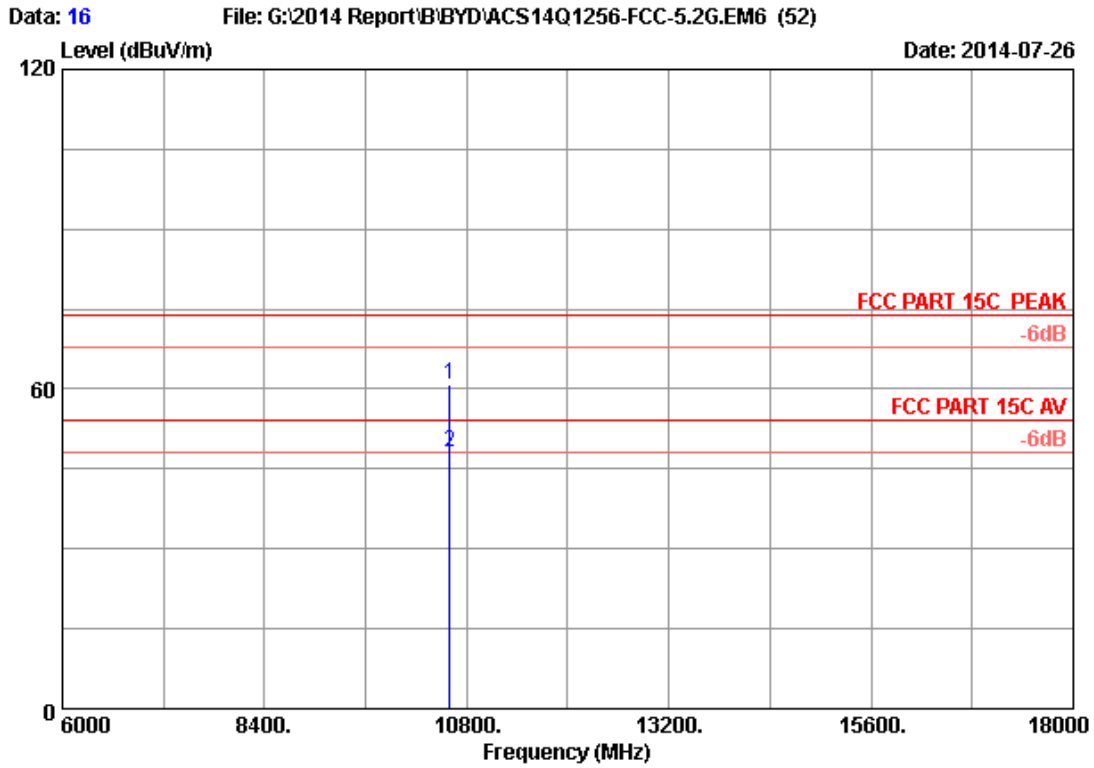
Site no. : 3m Chamber Data no. : 14
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH60 5300MHz Tx
M/N : AT10-B

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	10600.000	38.24	12.77	35.41	44.29	59.89	74.00	14.11	Peak
2	10600.000	38.24	12.77	35.41	32.15	47.75	54.00	6.25	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.



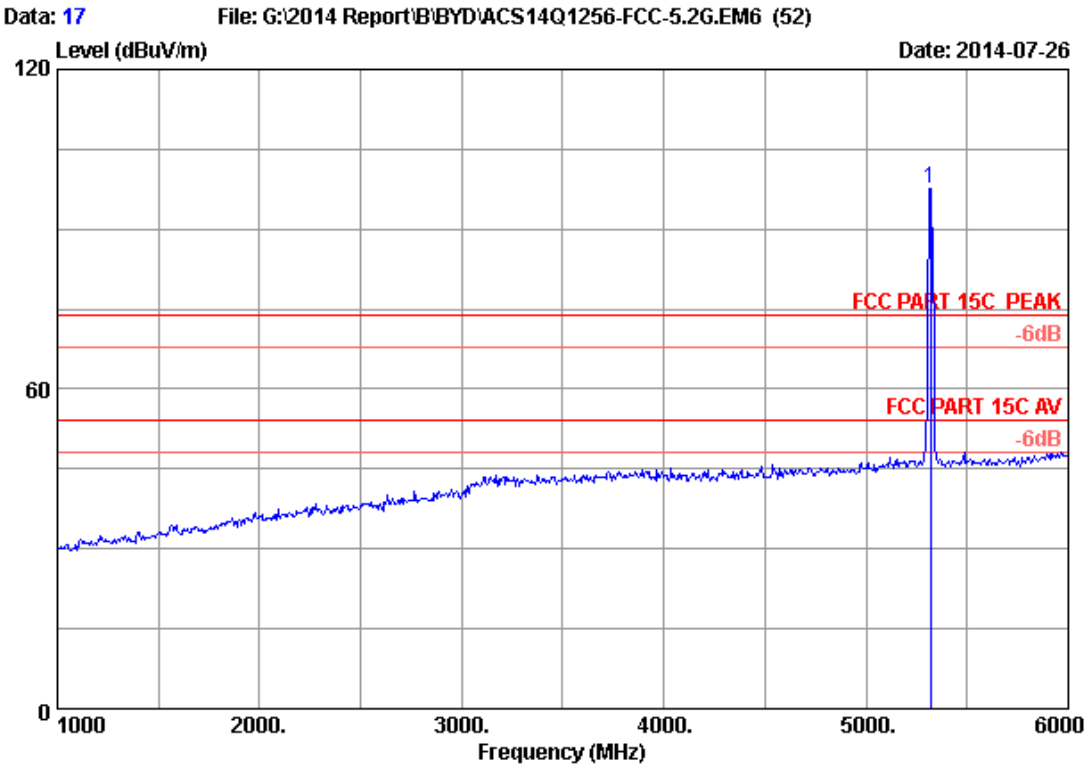

```
Site no.      : 3m Chamber                      Data no.   : 15
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11a  CH60  5300MHz  Tx
M/N           : AT10-B
```



Site no. : 3m Chamber Data no. : 16
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH60 5300MHz Tx
M/N : AT10-B

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	10600.000	38.24	12.77	35.41	45.07	60.67	74.00	13.33	Peak
2	10600.000	38.24	12.77	35.41	32.49	48.09	54.00	5.91	Average

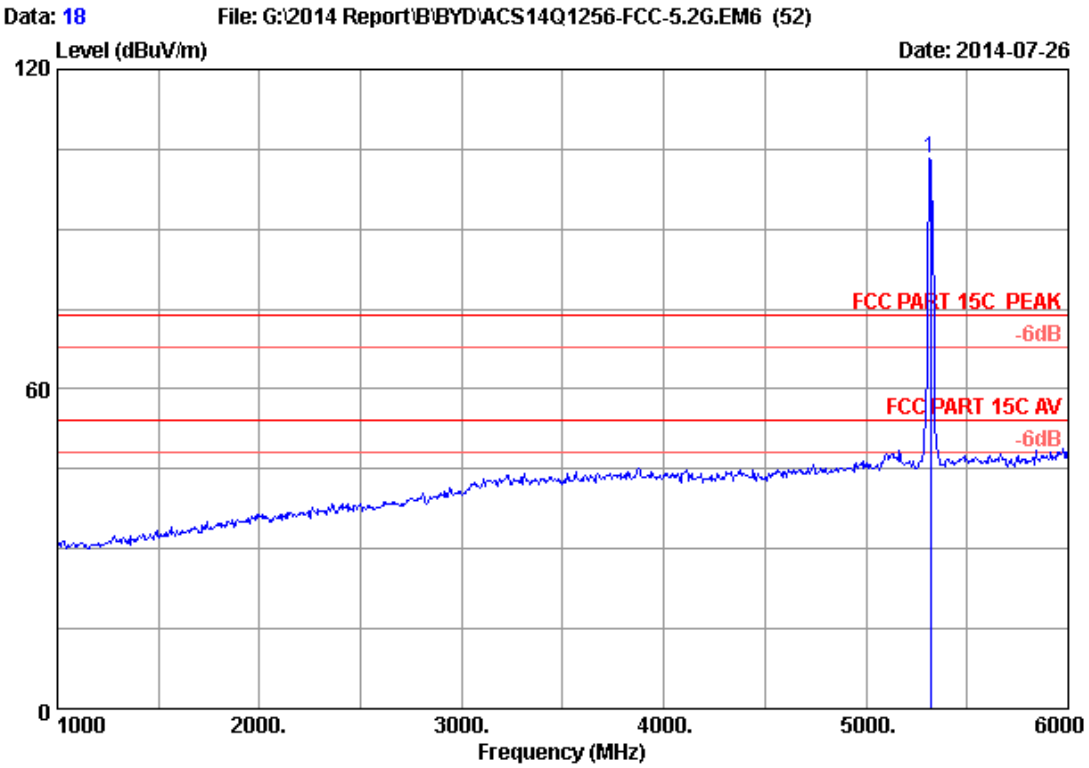
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 17
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH64 5320MHz Tx
M/N : AT10-B

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	5320.000	33.71	9.10	35.70	90.61	97.72	74.00	-23.72	Peak

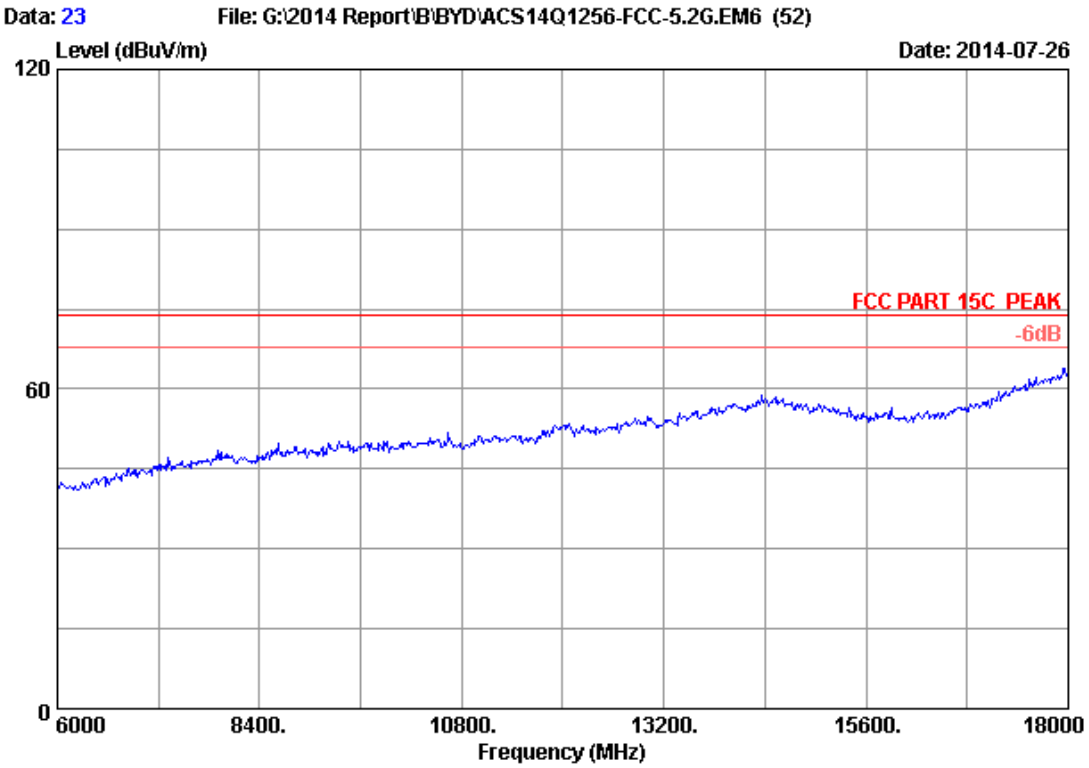
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



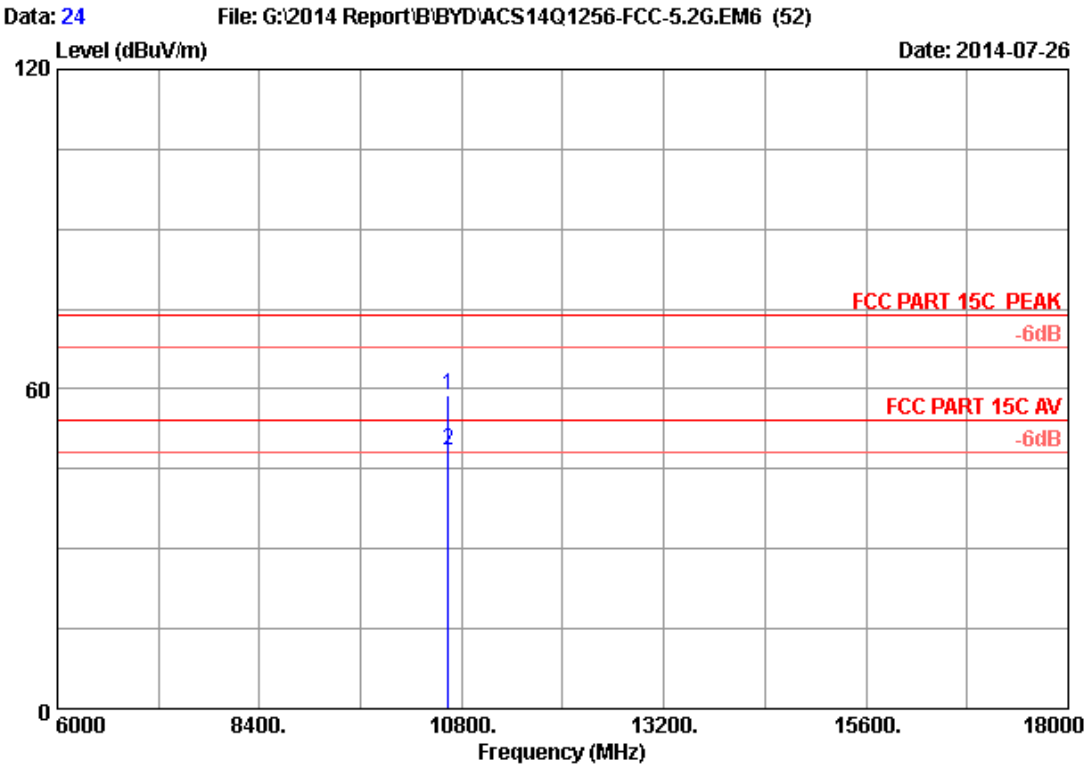
Site no. : 3m Chamber Data no. : 18
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH64 5320MHz Tx
M/N : AT10-B

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	5320.000	33.71	9.10	35.70	96.33	103.44	74.00	-29.44	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.



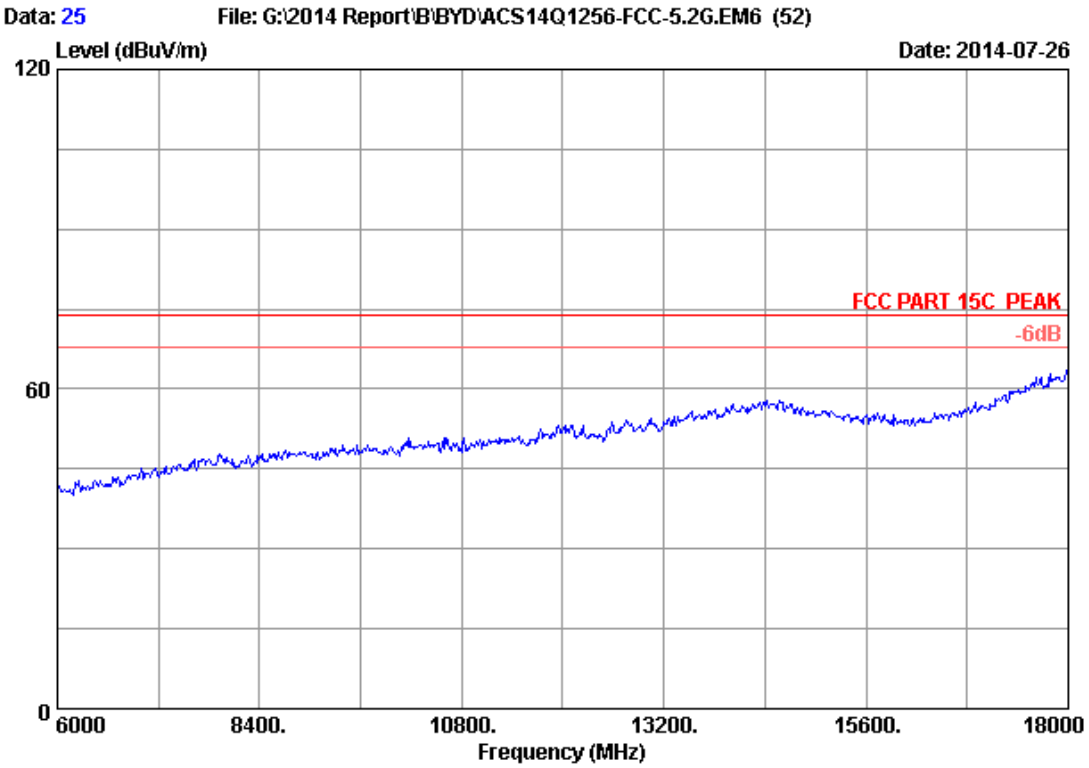

```
Site no.      : 3m Chamber                      Data no.   : 23
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11a  CH64  5320MHz  Tx
M/N           : AT10-B
```



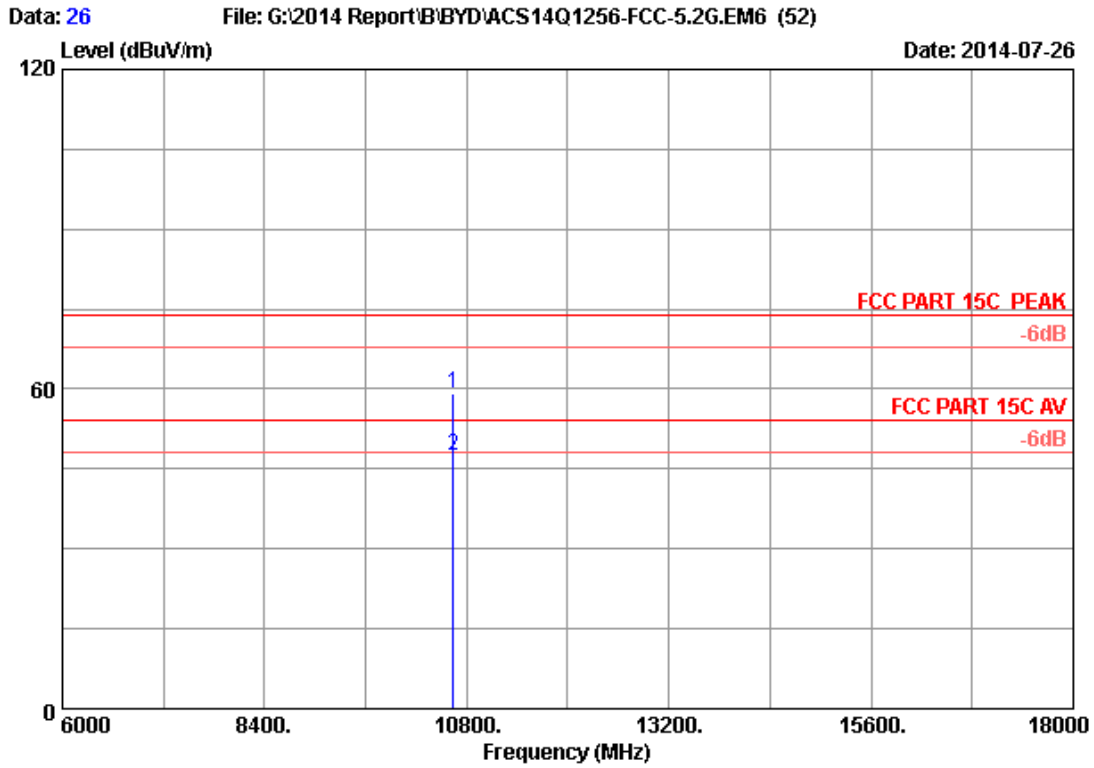
Site no. : 3m Chamber Data no. : 24
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH64 5320MHz Tx
M/N : AT10-B

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	10640.000	38.26	12.79	35.40	43.19	58.84	74.00	15.16	Peak
2	10640.000	38.26	12.79	35.40	32.72	48.37	54.00	5.63	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.



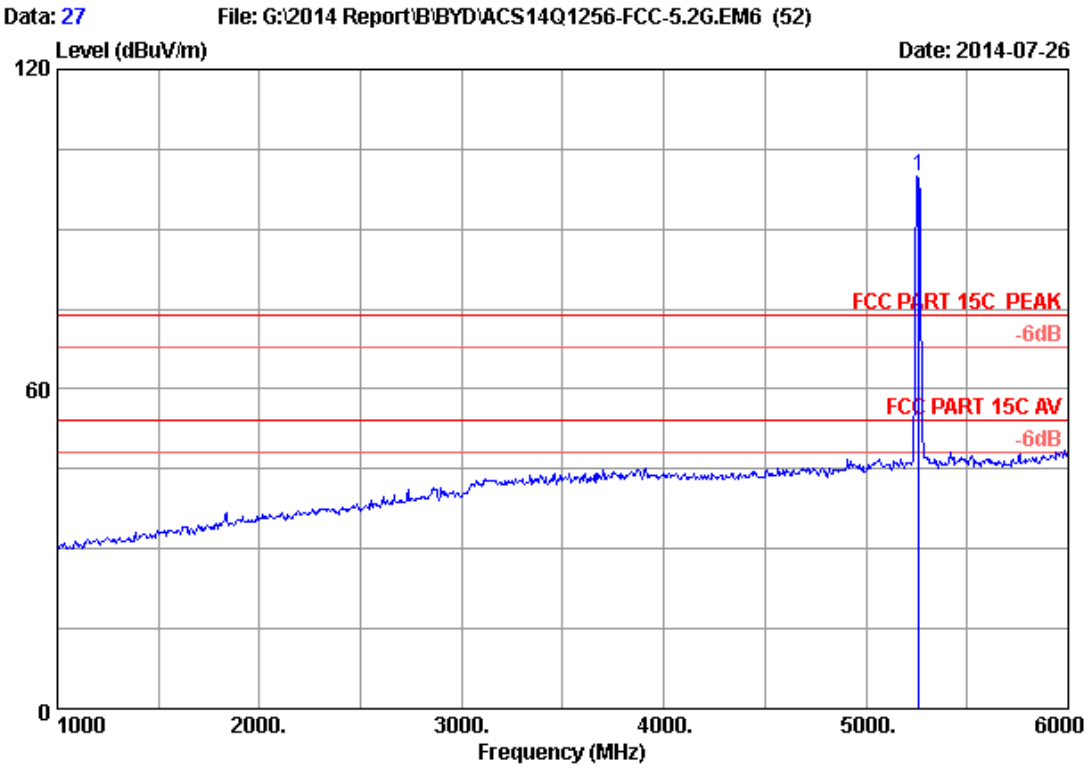

```
Site no.      : 3m Chamber                      Data no.   : 25
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating  : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11a  CH64  5320MHz  Tx
M/N           : AT10-B
```



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 : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH64 5320MHz Tx
M/N : AT10-B

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	10640.000	38.26	12.79	35.40	43.61	59.26	74.00	14.74	Peak
2	10640.000	38.26	12.79	35.40	31.72	47.37	54.00	6.63	Average

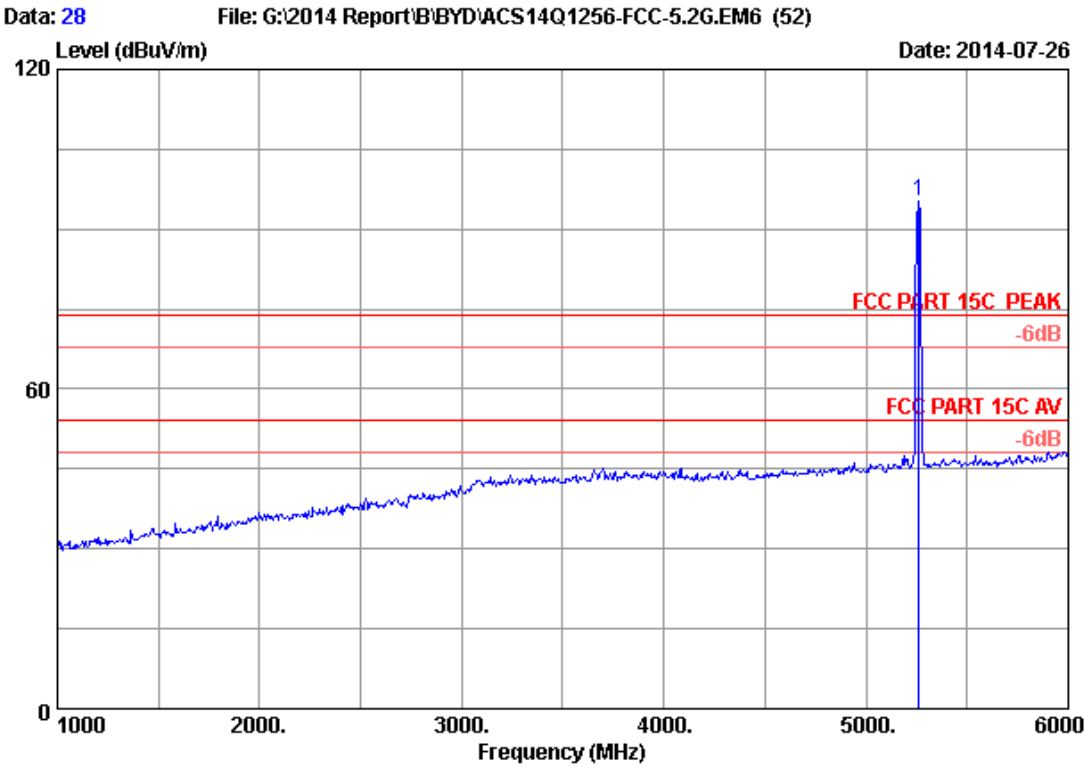
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 27
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH52 5260MHz Tx
M/N : AT10-B

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	5260.000	33.62	9.04	35.70	92.82	99.78	74.00	-25.78	Peak

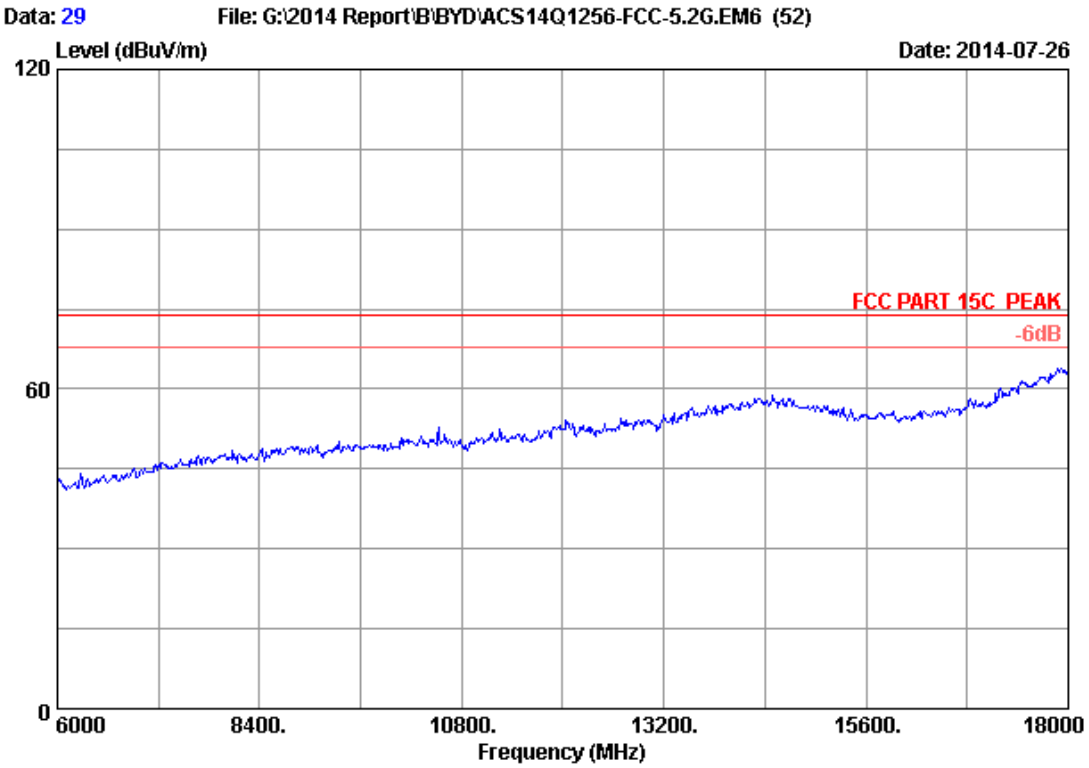
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



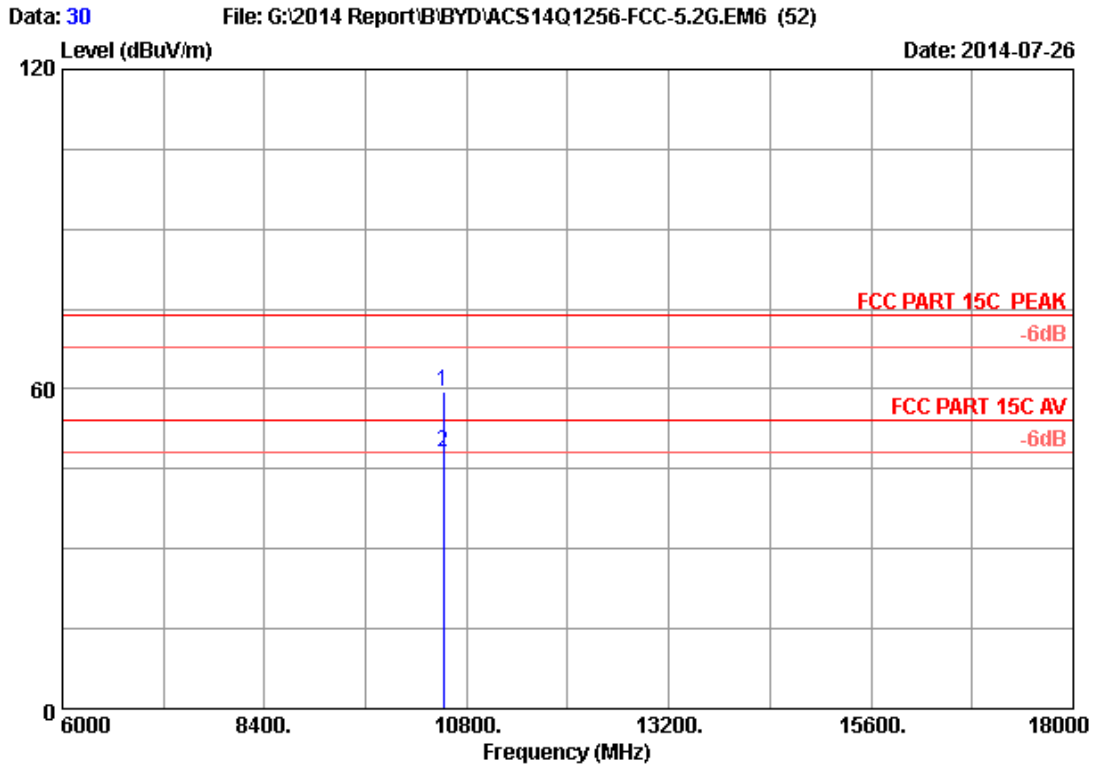
Site no. : 3m Chamber Data no. : 28
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH52 5260MHz Tx
M/N : AT10-B

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	5260.000	33.62	9.04	35.70	88.30	95.26	74.00	-21.26	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.



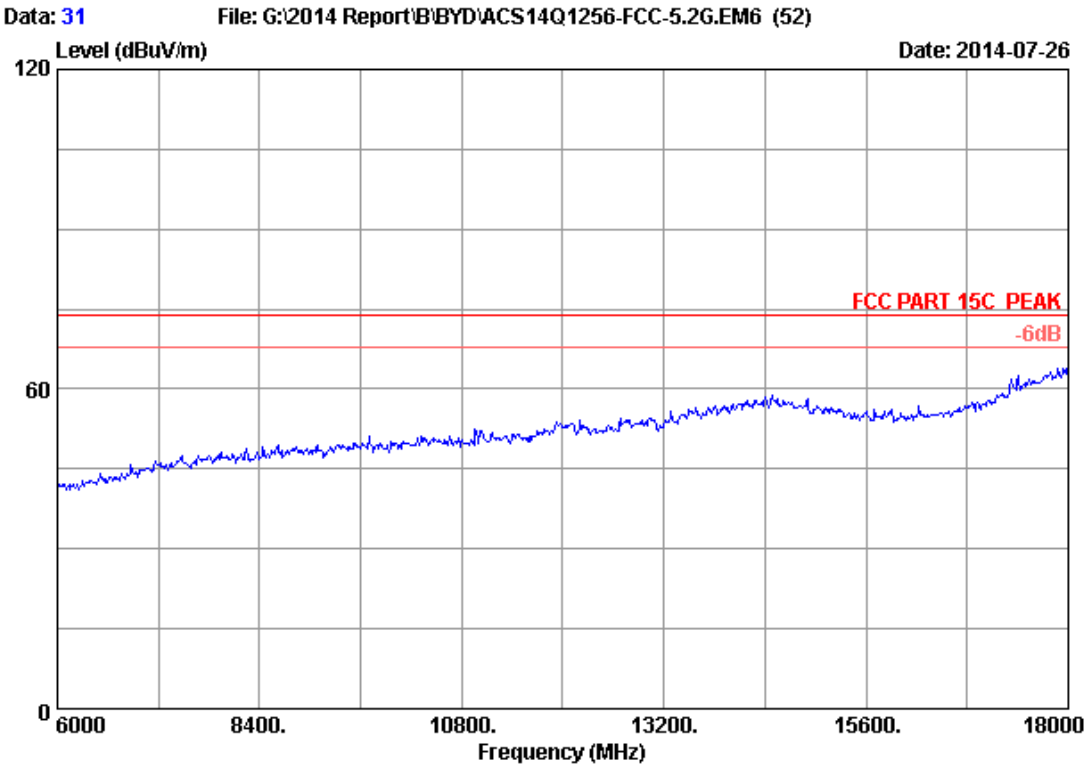

```
Site no.      : 3m Chamber                      Data no.   : 29
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating  : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11nHT20  CH52  5260MHz  Tx
M/N           : AT10-B
```



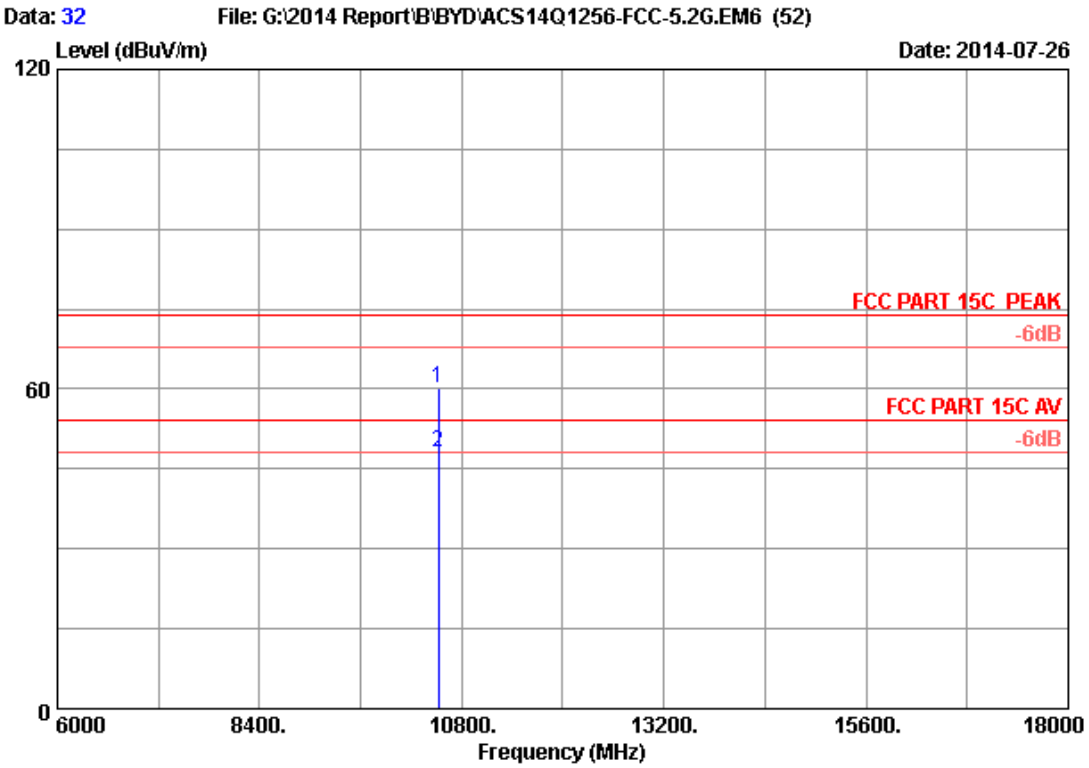
Site no. : 3m Chamber Data no. : 30
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH52 5260MHz Tx
M/N : AT10-B

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	10520.000	38.21	12.73	35.42	43.96	59.48	74.00	14.52	Peak
2	10520.000	38.21	12.73	35.42	32.76	48.28	54.00	5.72	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.



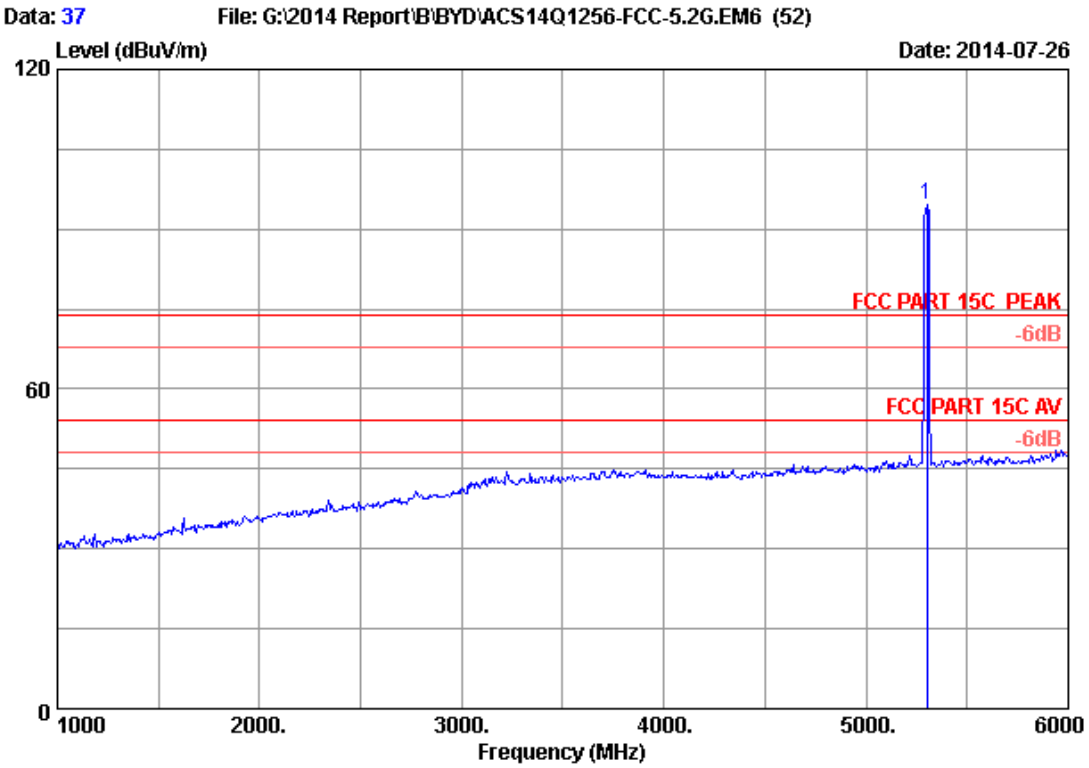

```
Site no.      : 3m Chamber                      Data no.   : 31
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11nHT20  CH52  5260MHz  Tx
M/N           : AT10-B
```



Site no. : 3m Chamber Data no. : 32
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH52 5260MHz Tx
M/N : AT10-B

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	10520.000	38.21	12.73	35.42	44.61	60.13	74.00	13.87	Peak
2	10520.000	38.21	12.73	35.42	32.56	48.08	54.00	5.92	Average

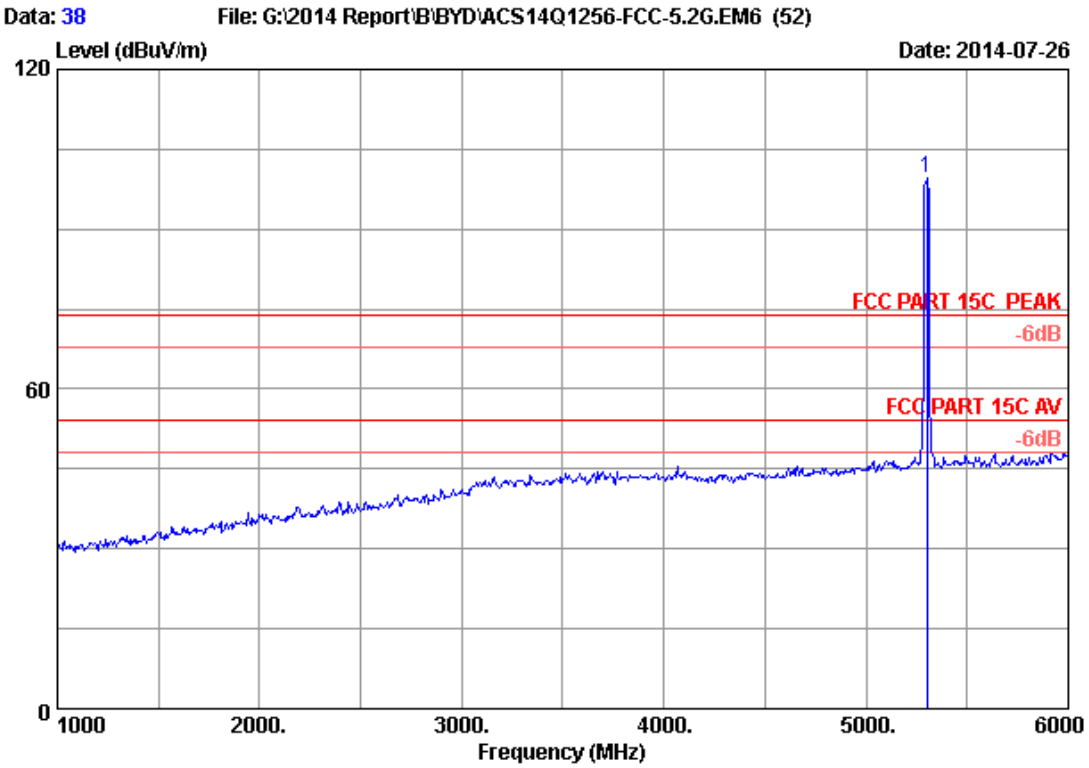
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 37
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH60 5300MHz Tx
M/N : AT10-B

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	5300.000	33.68	9.08	35.70	87.53	94.59	74.00	-20.59	Peak

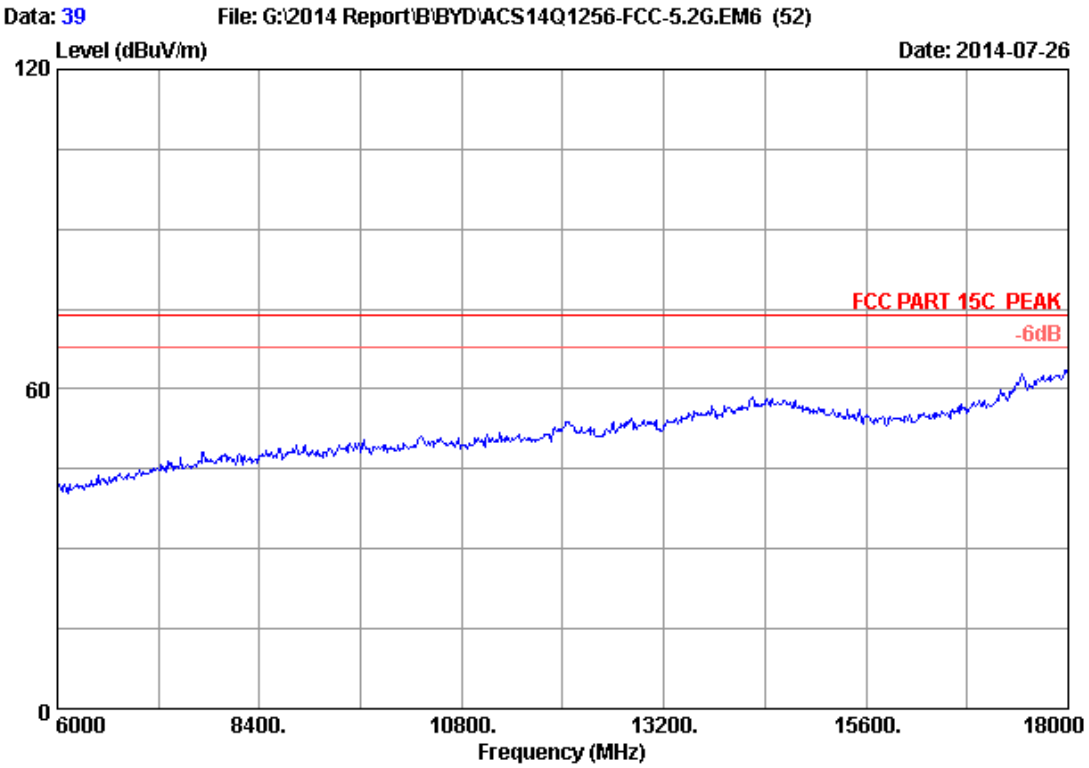
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



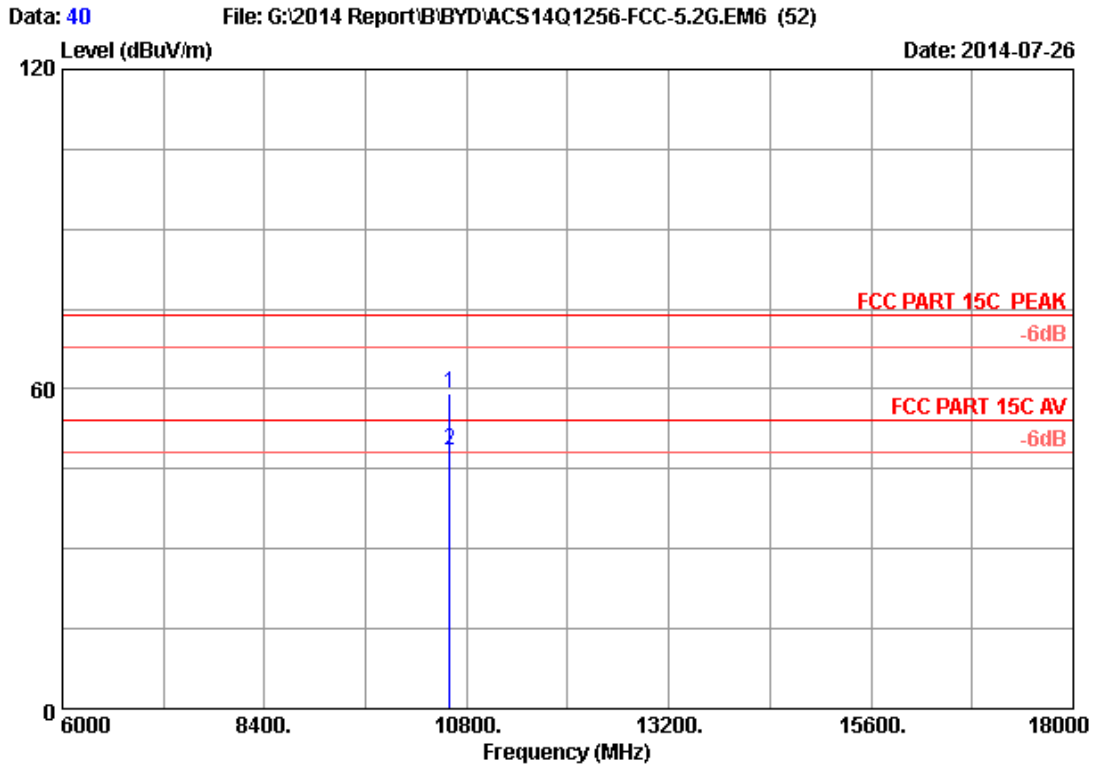
Site no. : 3m Chamber Data no. : 38
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH60 5300MHz Tx
M/N : AT10-B

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	5300.000	33.68	9.08	35.70	92.47	99.53	74.00	-25.53	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.



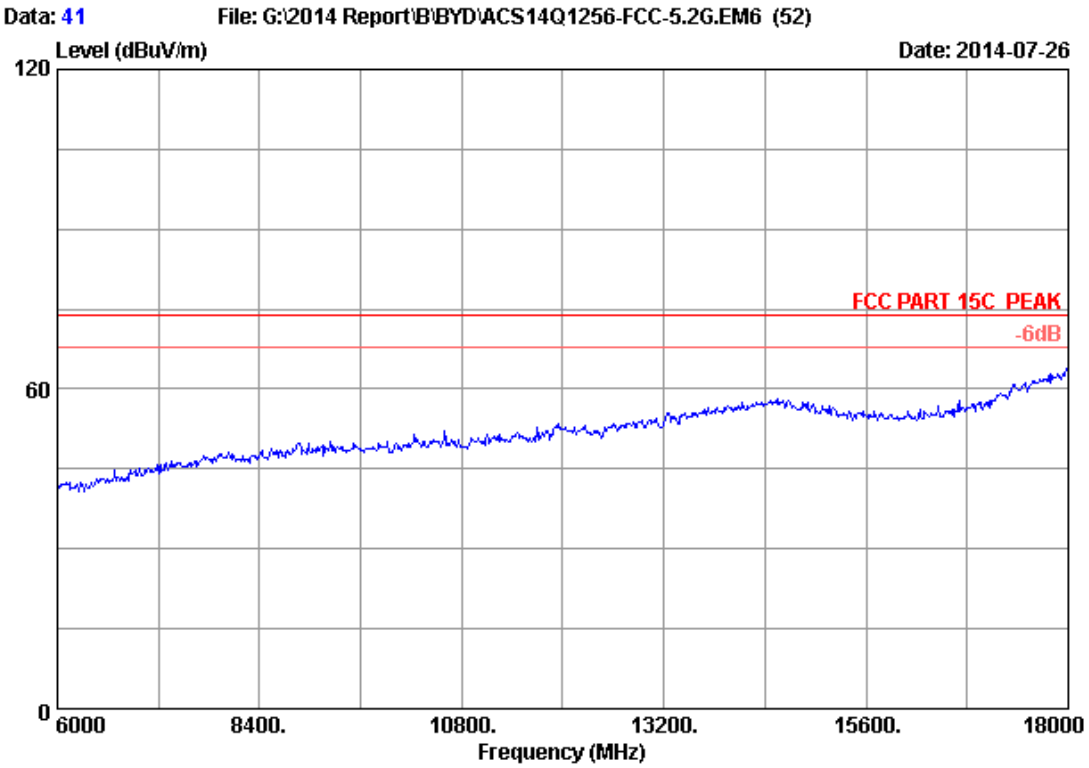

```
Site no.      : 3m Chamber                      Data no.   : 39
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating  : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11nHT20  CH60  5300MHz  Tx
M/N           : AT10-B
```



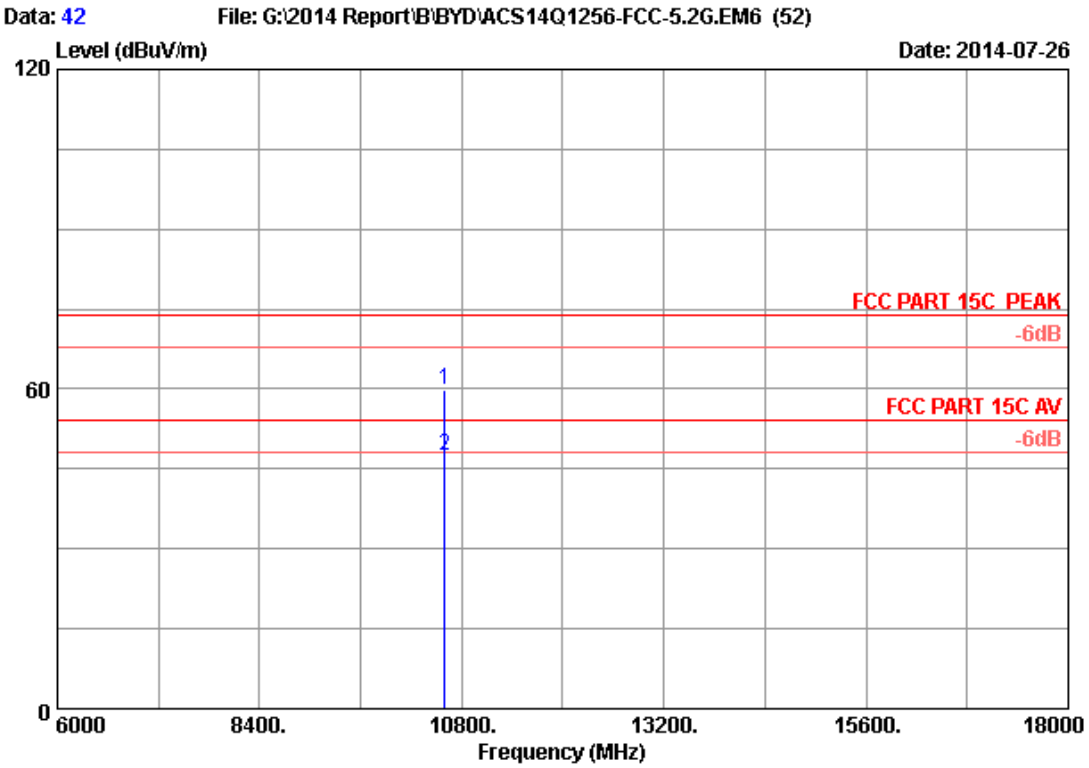
Site no. : 3m Chamber Data no. : 40
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH60 5300MHz Tx
M/N : AT10-B

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	10600.000	38.24	12.77	35.41	43.56	59.16	74.00	14.84	Peak
2	10600.000	38.24	12.77	35.41	32.81	48.41	54.00	5.59	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.



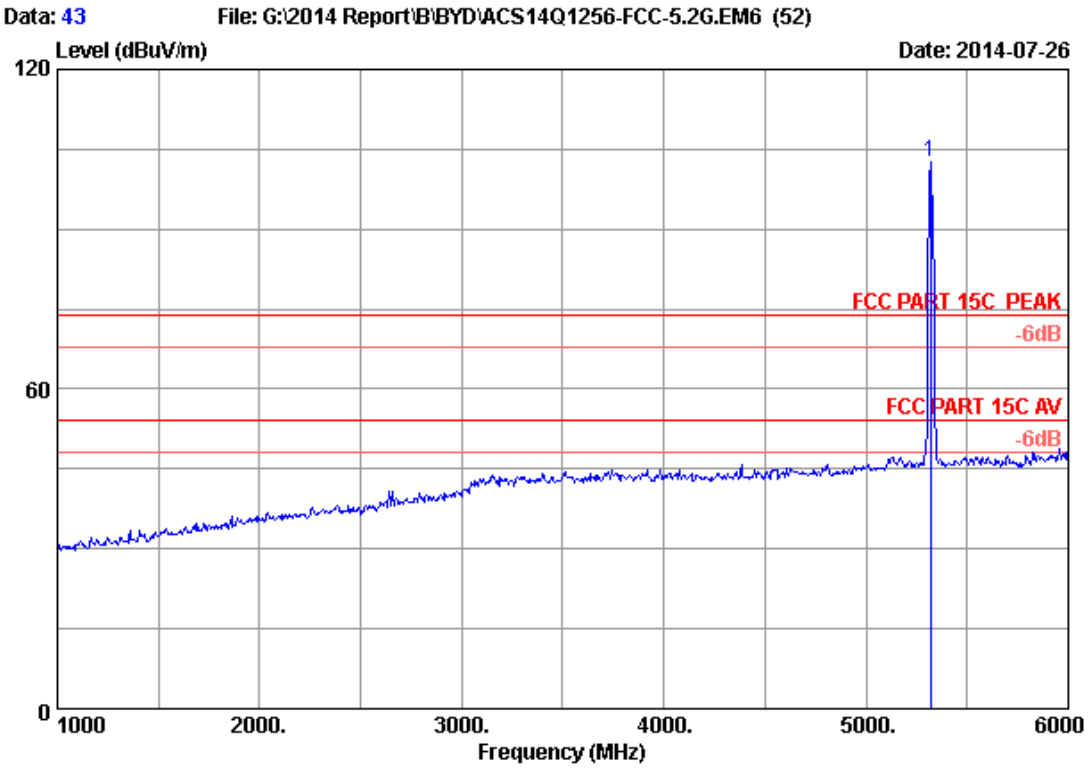

```
Site no.      : 3m Chamber                      Data no.   : 41
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating  : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11nHT20  CH60  5300MHz  Tx
M/N           : AT10-B
```



Site no. : 3m Chamber Data no. : 42
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH60 5300MHz Tx
M/N : AT10-B

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	10600.000	38.24	12.77	35.41	44.36	59.96	74.00	14.04	Peak
2	10600.000	38.24	12.77	35.41	31.98	47.58	54.00	6.42	Average

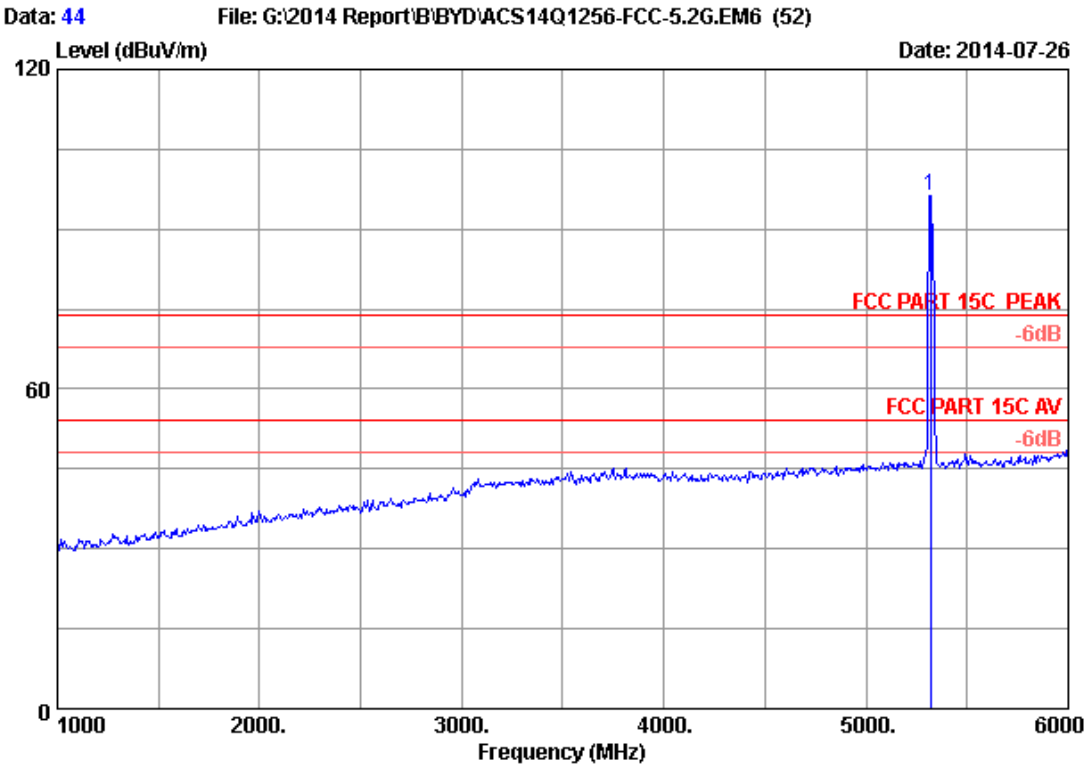
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 43
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH64 5320MHz Tx
M/N : AT10-B

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	5320.000	33.71	9.10	35.70	95.45	102.56	74.00	-28.56	Peak

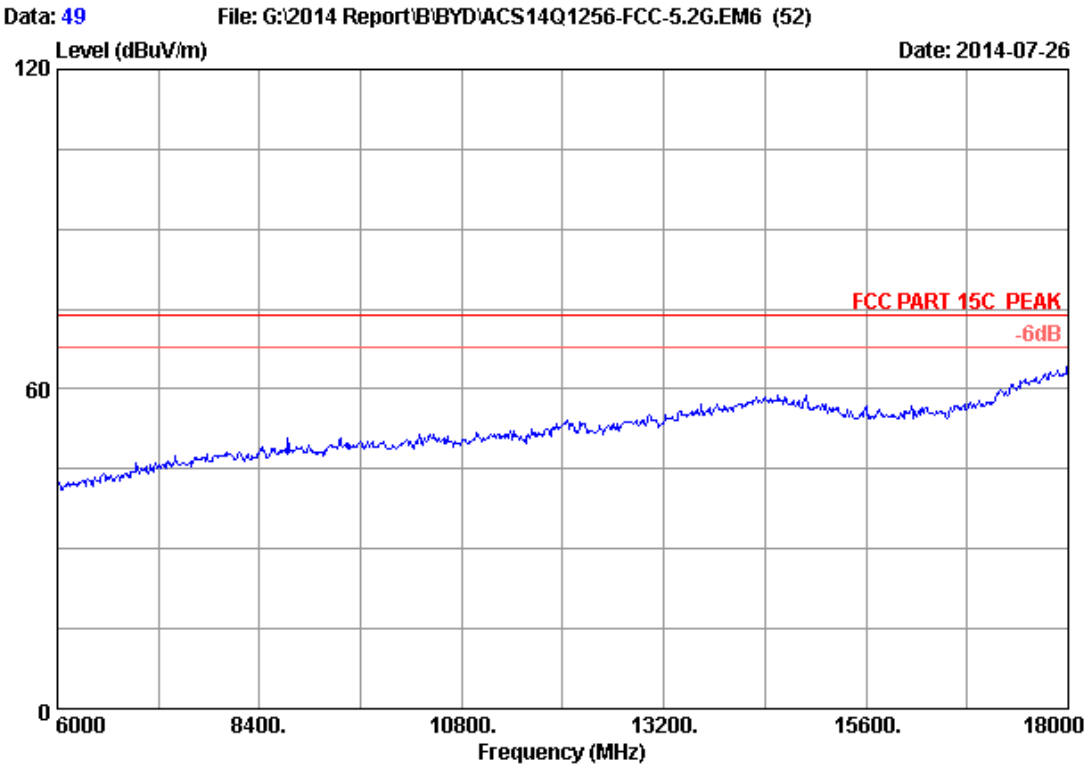
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



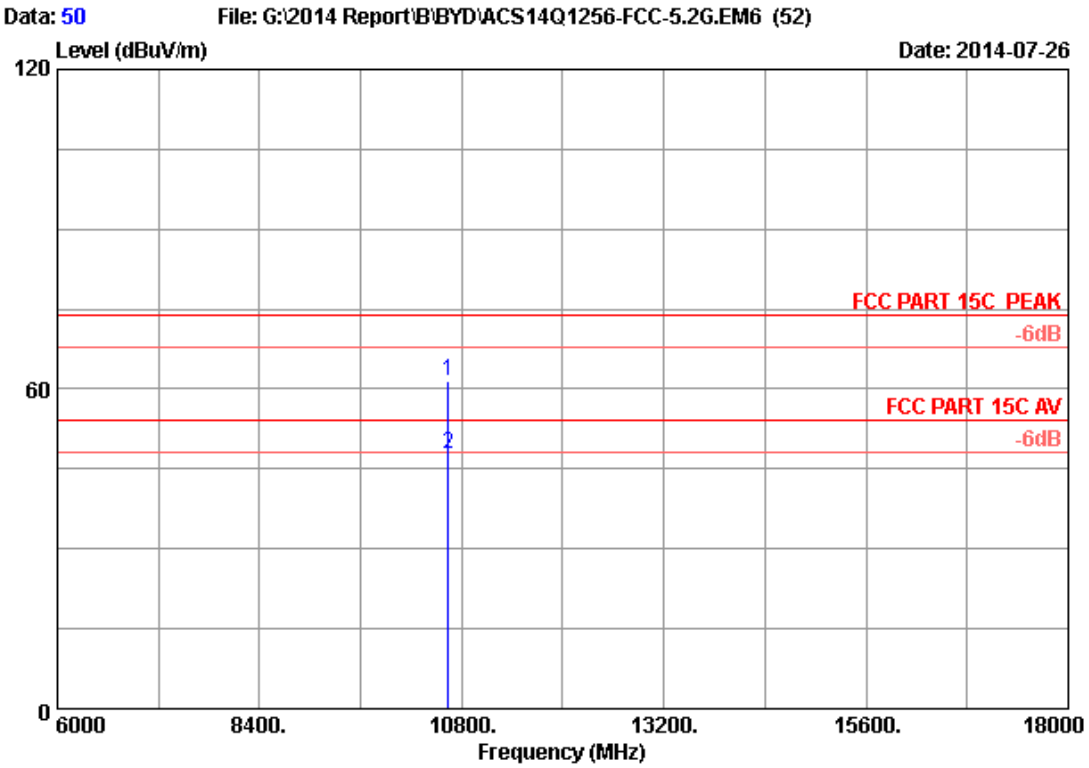
Site no. : 3m Chamber Data no. : 44
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH64 5320MHz Tx
M/N : AT10-B

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	5320.000	33.71	9.10	35.70	89.24	96.35	74.00	-22.35	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.



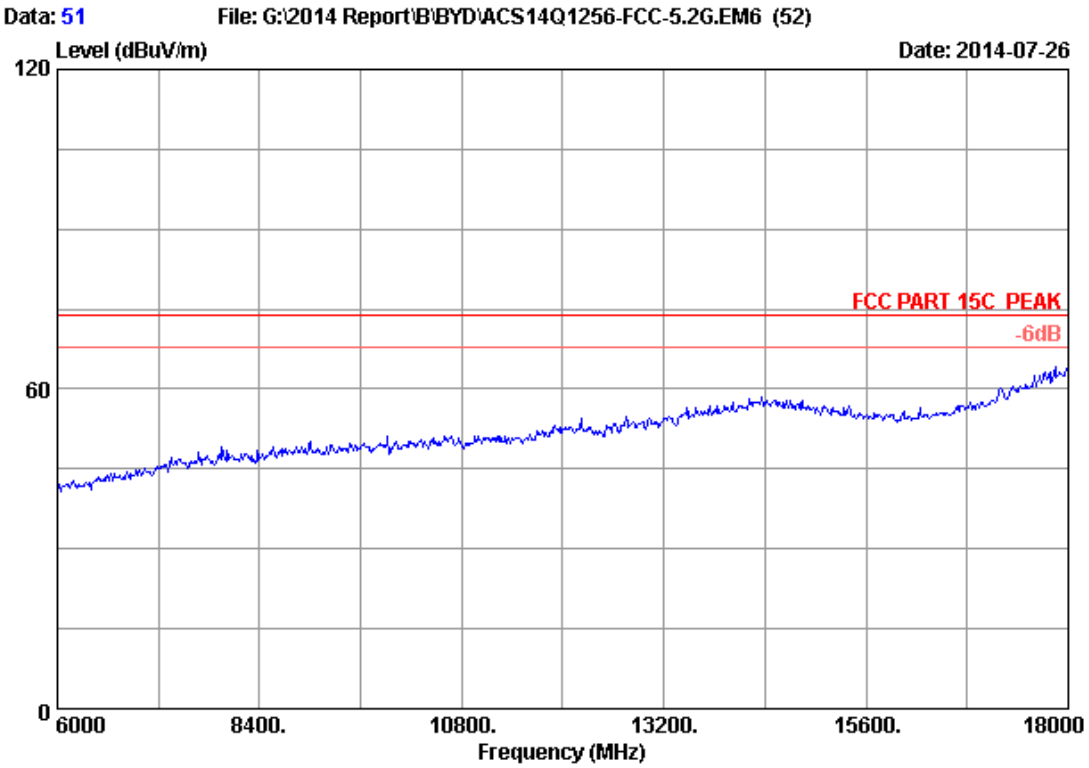

```
Site no.      : 3m Chamber                      Data no.   : 49
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating  : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11nHT20  CH64  5320MHz  Tx
M/N           : AT10-B
```



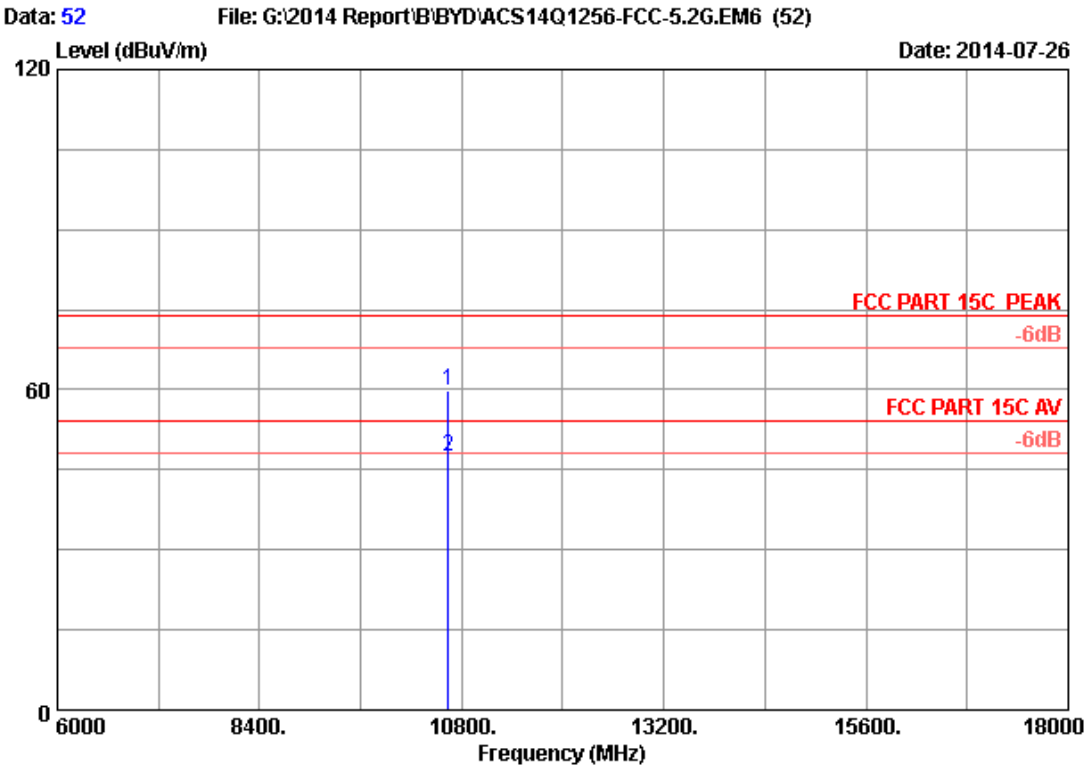
Site no. : 3m Chamber Data no. : 50
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH64 5320MHz Tx
M/N : AT10-B

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	10640.000	38.26	12.79	35.40	45.76	61.41	74.00	12.59	Peak
2	10640.000	38.26	12.79	35.40	32.06	47.71	54.00	6.29	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.   : 51
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11nHT20  CH64  5320MHz  Tx
M/N           : AT10-B
```

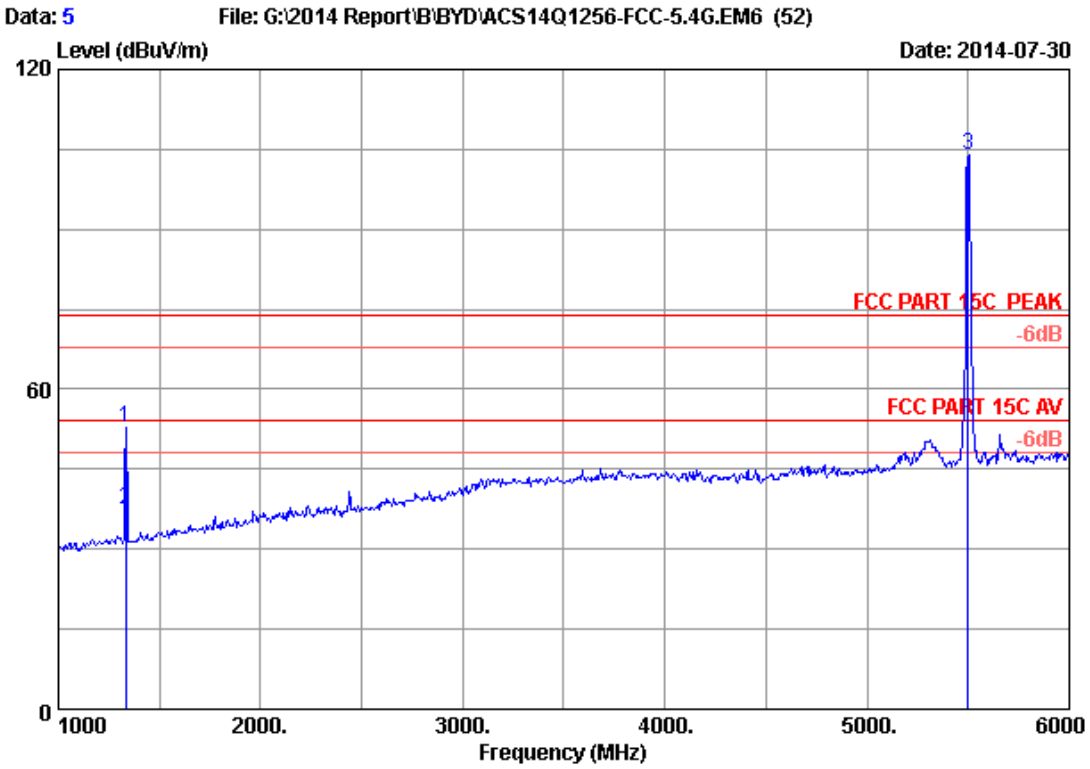


Site no. : 3m Chamber Data no. : 52
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH64 5320MHz Tx
M/N : AT10-B

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	10640.000	38.26	12.79	35.40	44.16	59.81	74.00	14.19	Peak
2	10640.000	38.26	12.79	35.40	31.88	47.53	54.00	6.47	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.

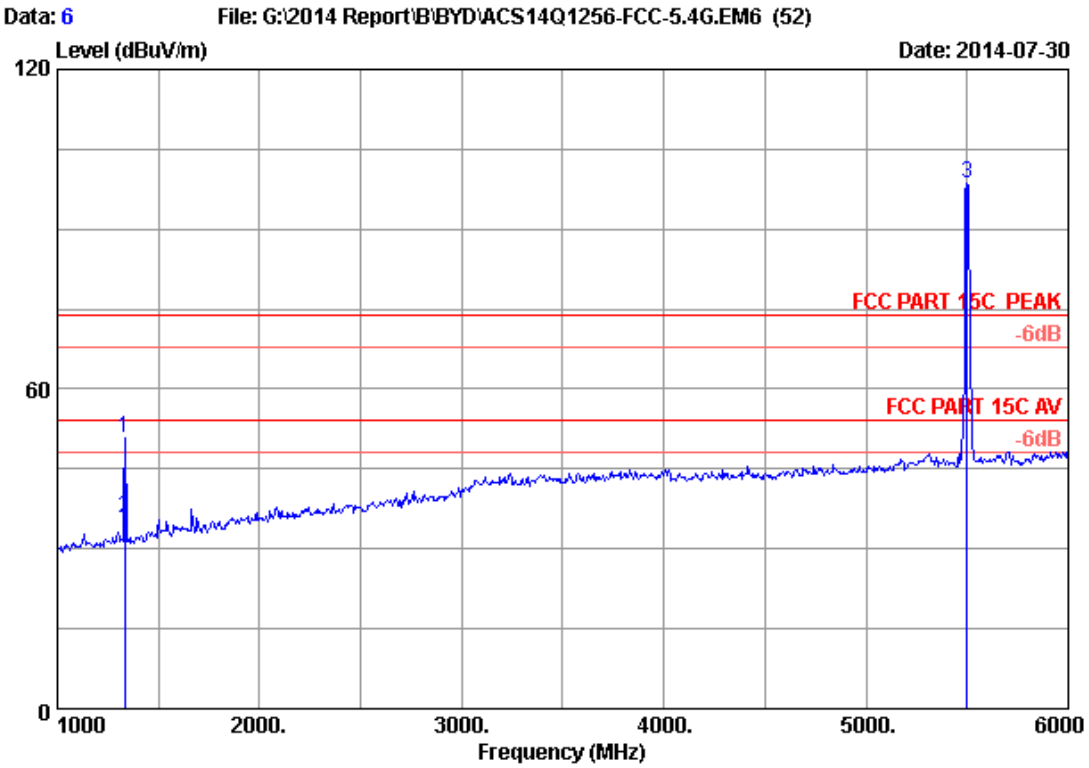
Band 3(5500-5700MHz):
Frequency: 1GHz~18GHz



Site no. : 3m Chamber Data no. : 5
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH100 5500MHz Tx
M/N : AT10-B

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	1334.260	24.60	4.25	36.43	60.36	52.78	74.00	21.22	Peak
2	1334.260	24.60	4.25	36.43	44.89	37.31	54.00	16.69	Average
3	5500.000	34.00	9.29	35.70	96.38	103.97	74.00	-29.97	Peak

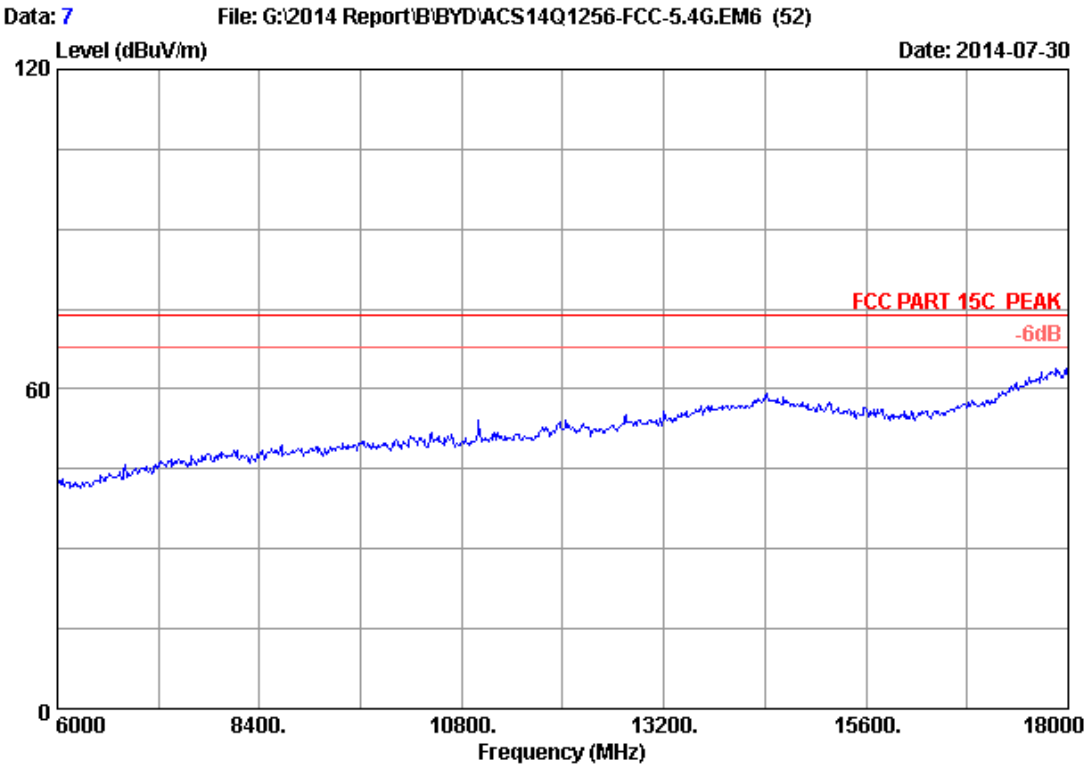
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



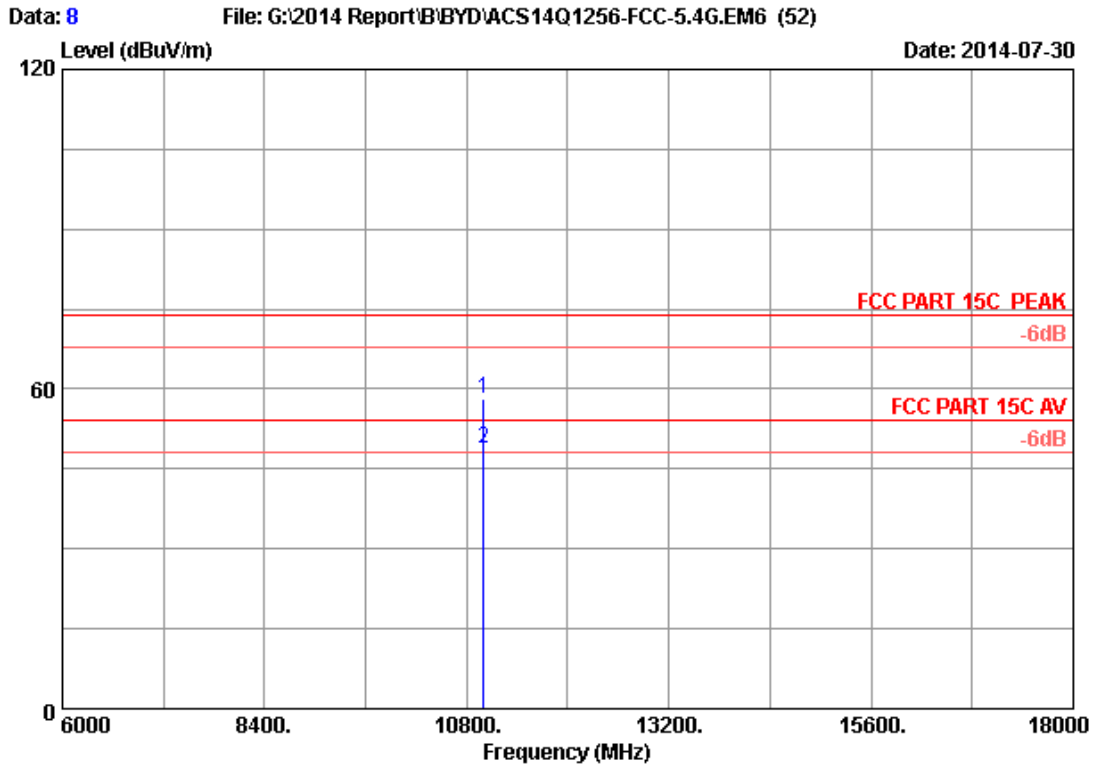
Site no. : 3m Chamber Data no. : 6
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH100 5500MHz Tx
M/N : AT10-B

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	1333.520	24.60	4.25	36.43	58.26	50.68	74.00	23.32	Peak
2	1333.520	24.60	4.25	36.43	43.50	35.92	54.00	18.08	Average
3	5500.000	34.00	9.29	35.70	91.03	98.62	74.00	-24.62	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.



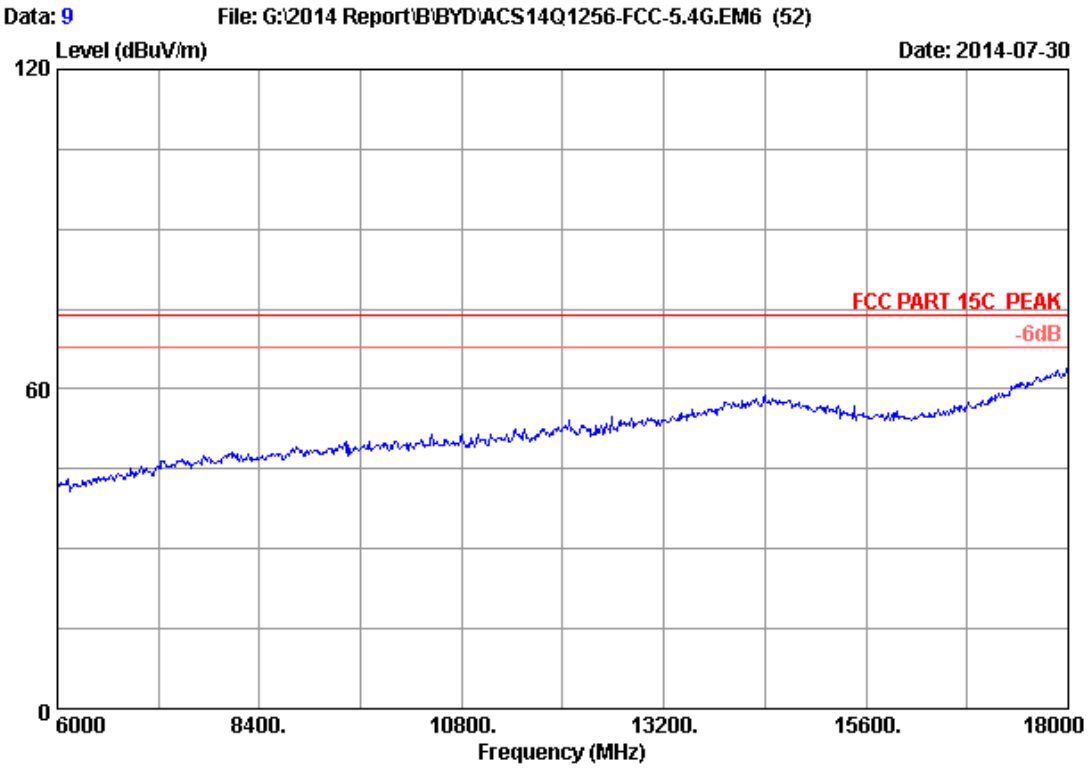

```
Site no.      : 3m Chamber                      Data no.   : 7
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating  : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11a  CH100  5500MHz  Tx
M/N           : AT10-B
```



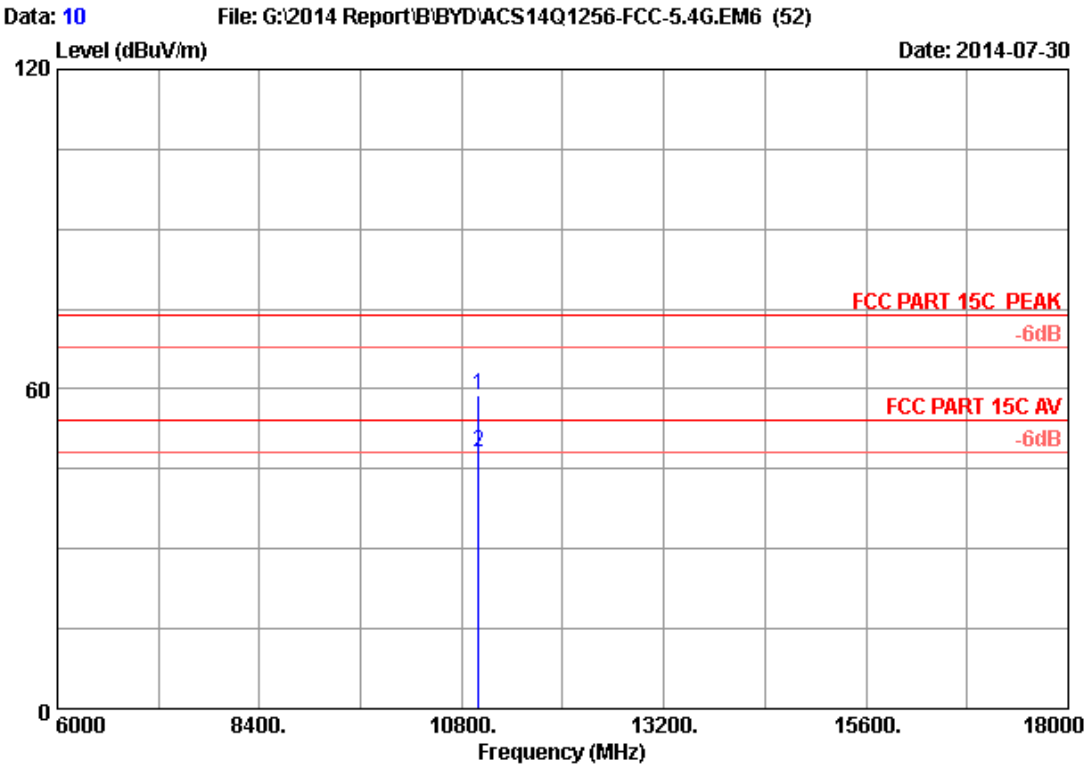
Site no. : 3m Chamber Data no. : 8
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH100 5500MHz Tx
M/N : AT10-B

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	11000.000	38.40	13.00	35.35	42.15	58.20	74.00	15.80	Peak
2	11000.000	38.40	13.00	35.35	32.71	48.76	54.00	5.24	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.



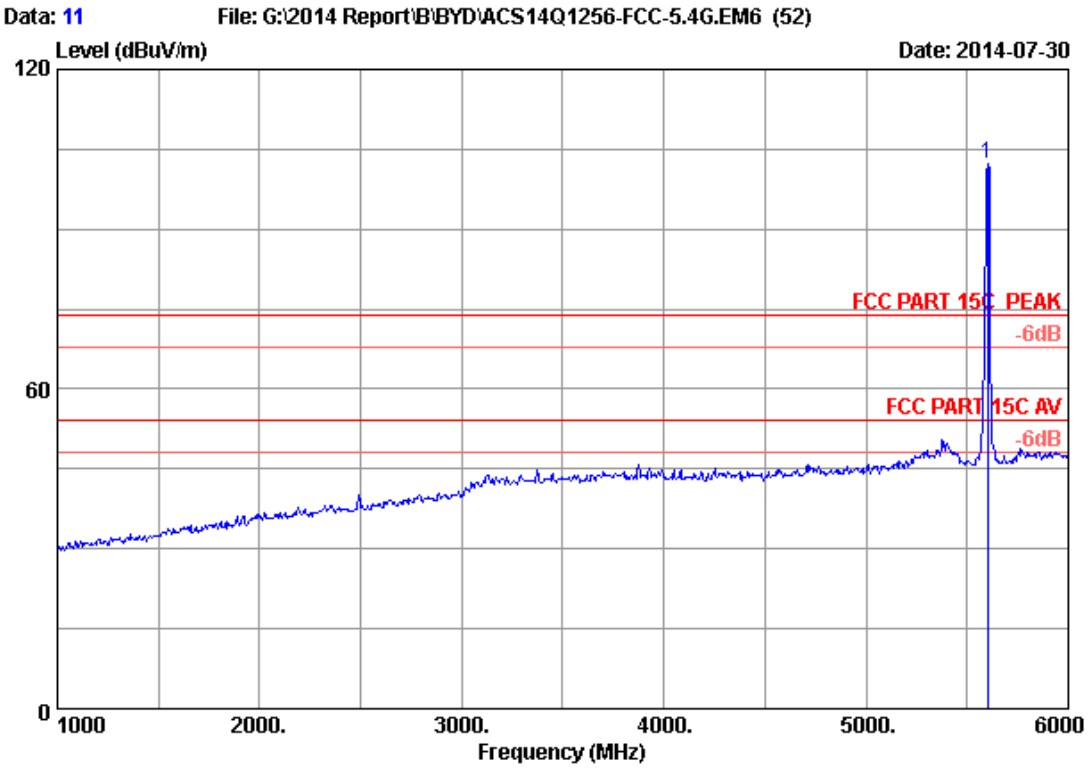

```
Site no.      : 3m Chamber                      Data no.   : 9
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating  : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11a  CH100  5500MHz  Tx
M/N           : AT10-B
```



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 : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH100 5500MHz Tx
M/N : AT10-B

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	11000.000	38.40	13.00	35.35	42.91	58.96	74.00	15.04	Peak
2	11000.000	38.40	13.00	35.35	32.16	48.21	54.00	5.79	Average

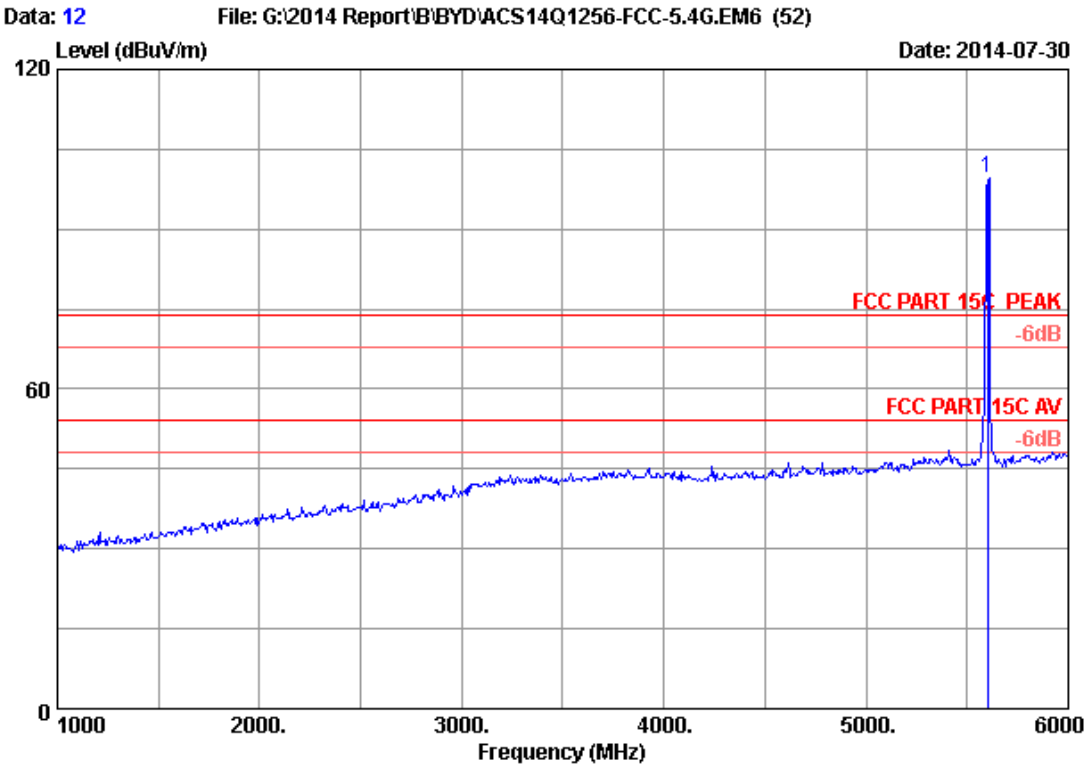
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 11
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH120 5600MHz Tx
M/N : AT10-B

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	5600.000	34.04	9.39	35.70	94.53	102.26	74.00	-28.26	Peak

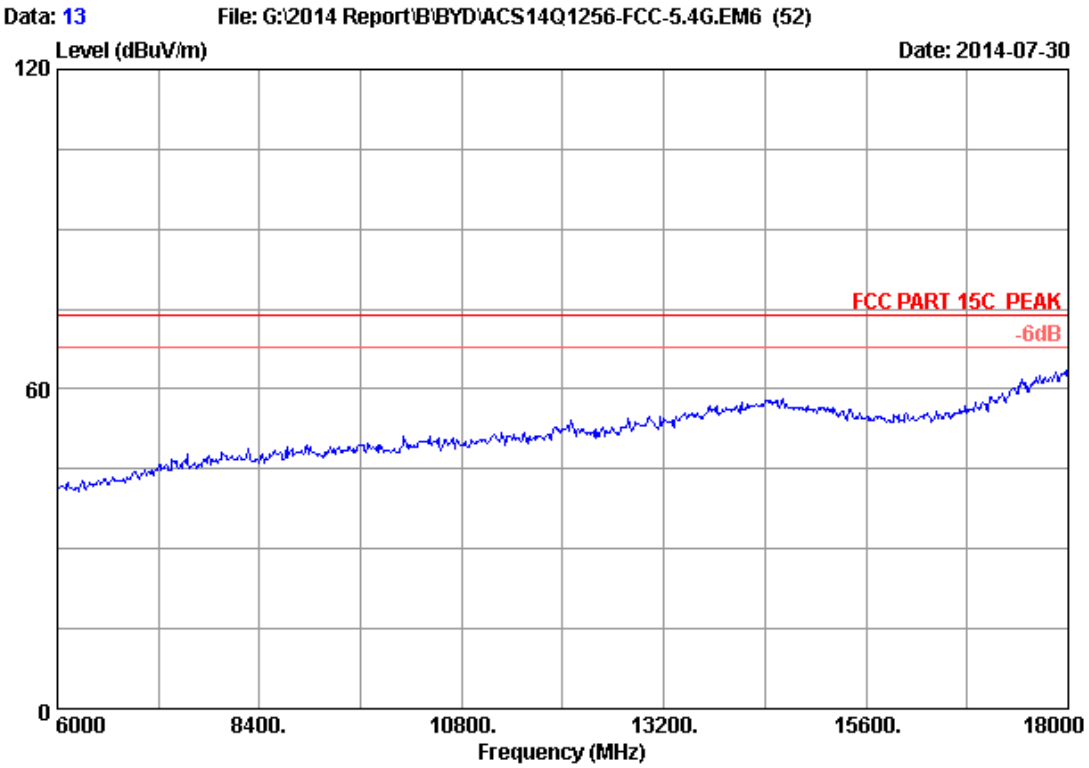
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



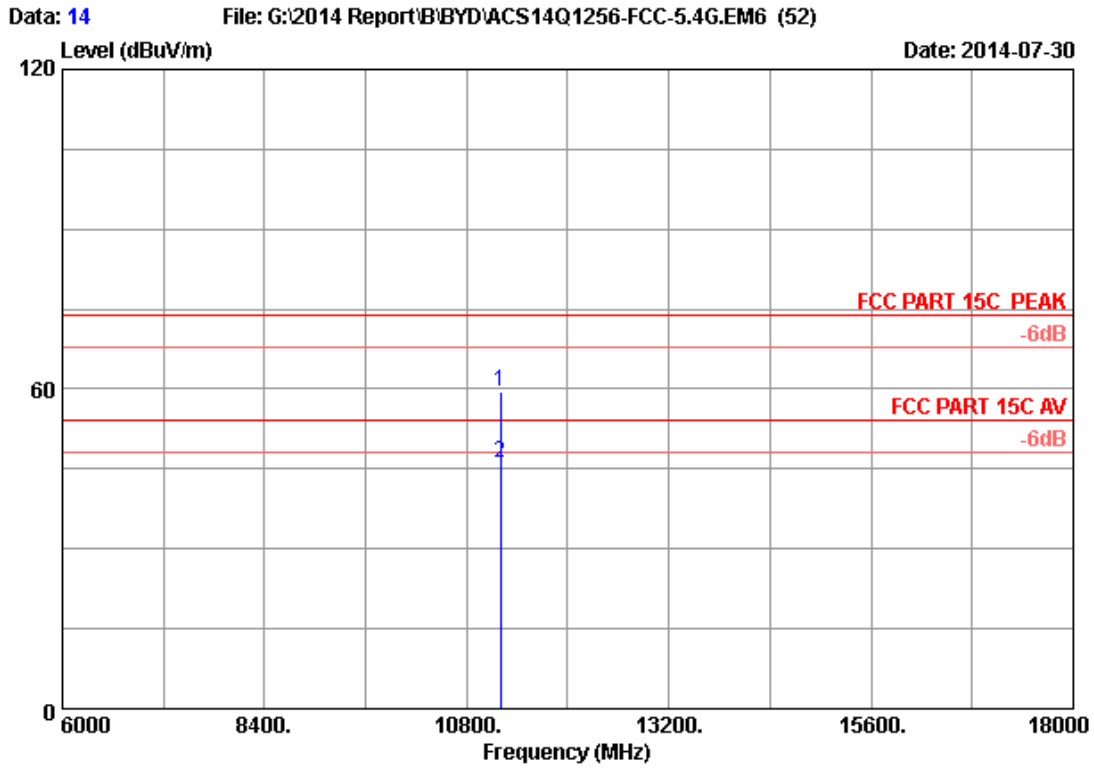
Site no. : 3m Chamber Data no. : 12
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH120 5600MHz Tx
M/N : AT10-B

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	5600.000	34.04	9.39	35.70	91.83	99.56	74.00	-25.56	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.



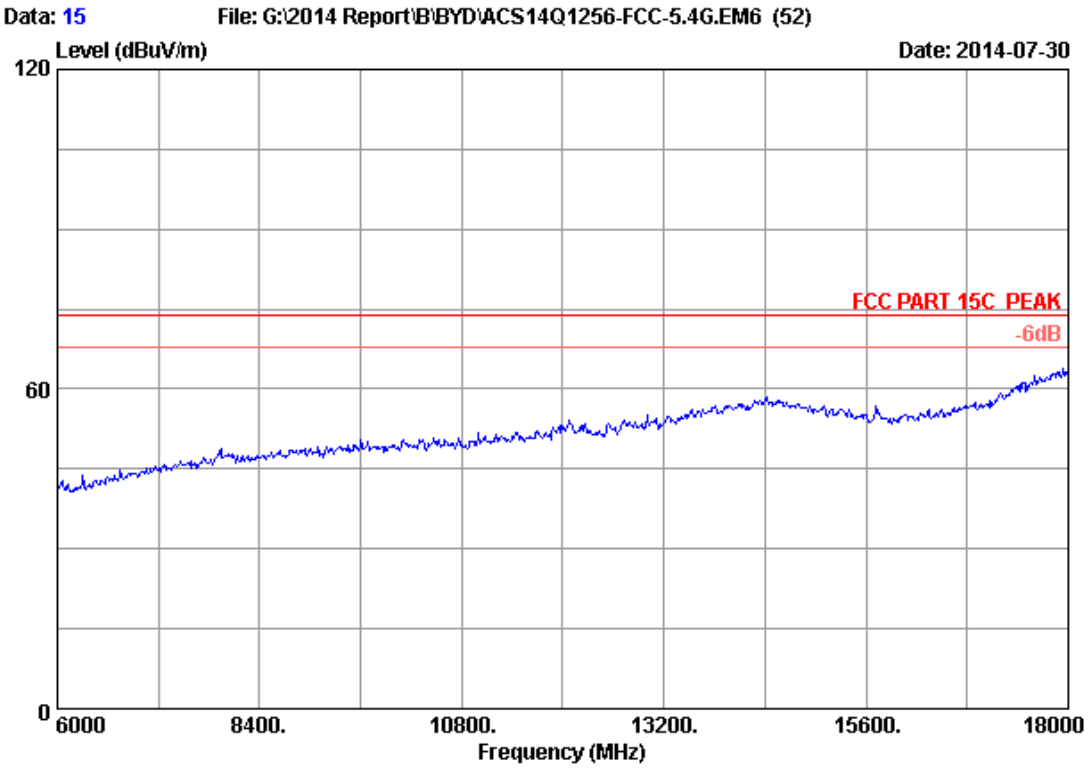

```
Site no.      : 3m Chamber                      Data no.   : 13
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11a  CH120  5600MHz  Tx
M/N           : AT10-B
```



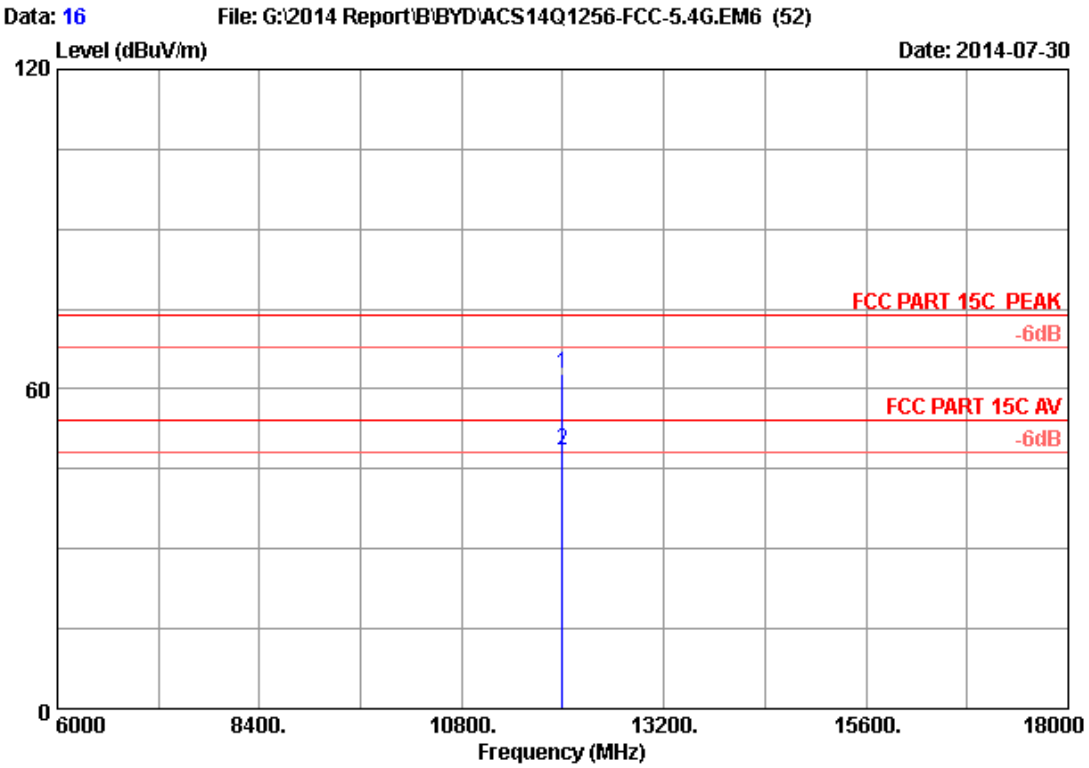
Site no. : 3m Chamber Data no. : 14
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH120 5600MHz Tx
M/N : AT10-B

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	11200.000	38.52	13.11	35.32	43.09	59.40	74.00	14.60	Peak
2	11200.000	38.52	13.11	35.32	29.81	46.12	54.00	7.88	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.



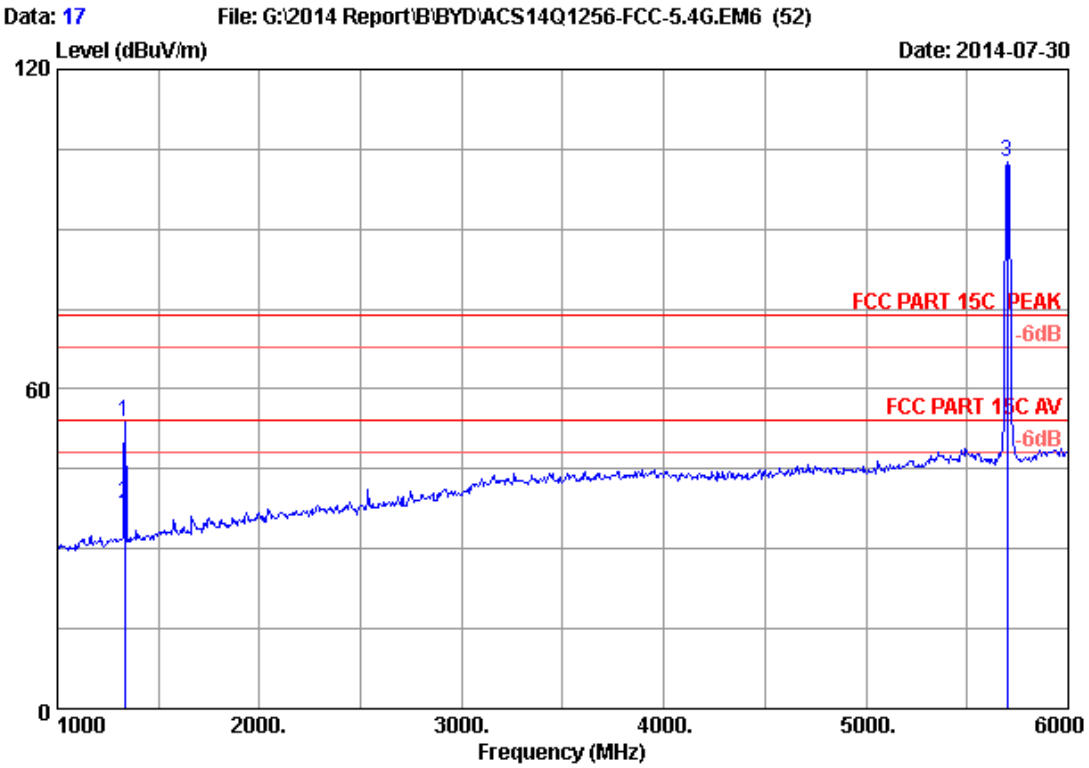

```
Site no.      : 3m Chamber                      Data no.   : 15
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating  : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11a  CH120  5600MHz  Tx
M/N           : AT10-B
```



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 : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH120 5600MHz Tx
M/N : AT10-B

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	12000.000	39.40	13.57	35.20	45.16	62.93	74.00	11.07	Peak
2	12000.000	39.40	13.57	35.20	30.86	48.63	54.00	5.37	Average

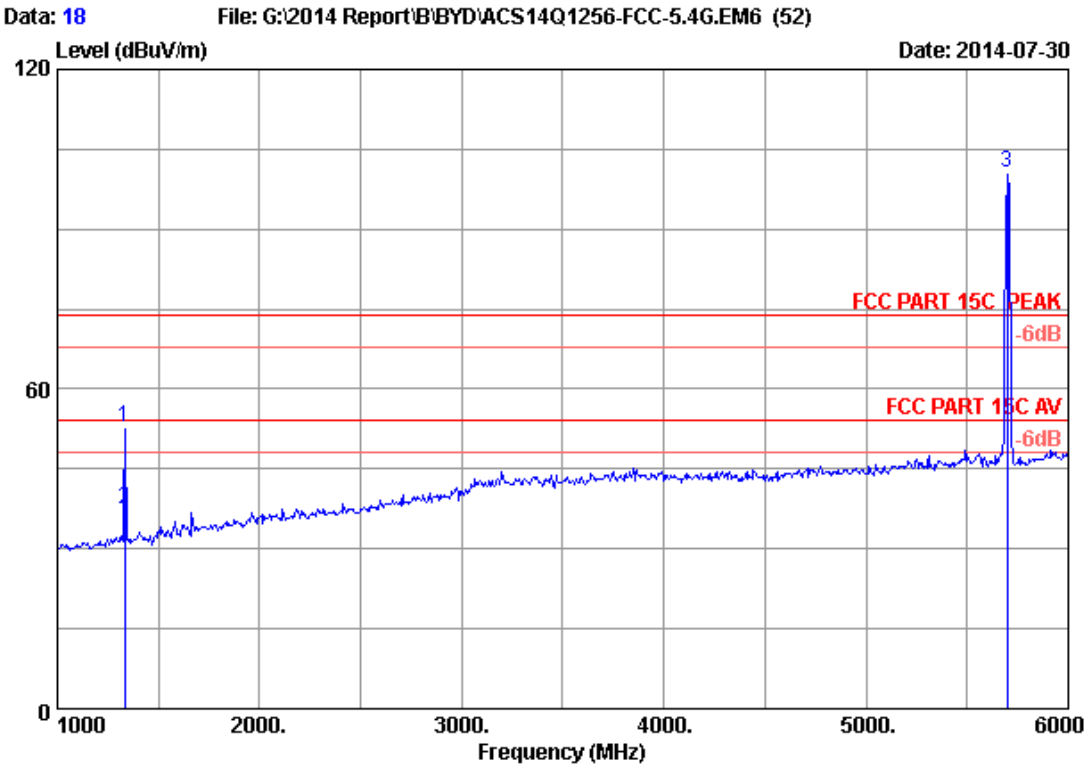
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 17
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH140 5700MHz Tx
M/N : AT10-B

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	1333.620	24.60	4.25	36.43	61.51	53.93	74.00	20.07	Peak
2	1333.620	24.60	4.25	36.43	46.15	38.57	54.00	15.43	Average
3	5700.000	34.08	9.50	35.70	94.75	102.63	74.00	-28.63	Peak

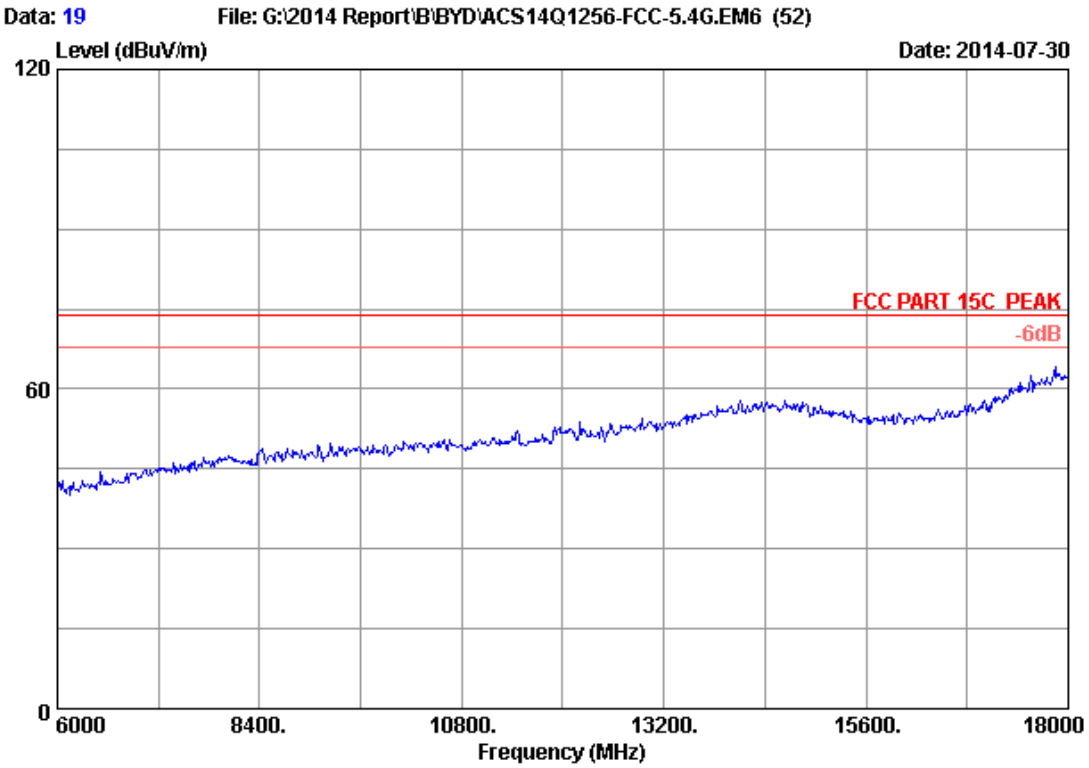
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



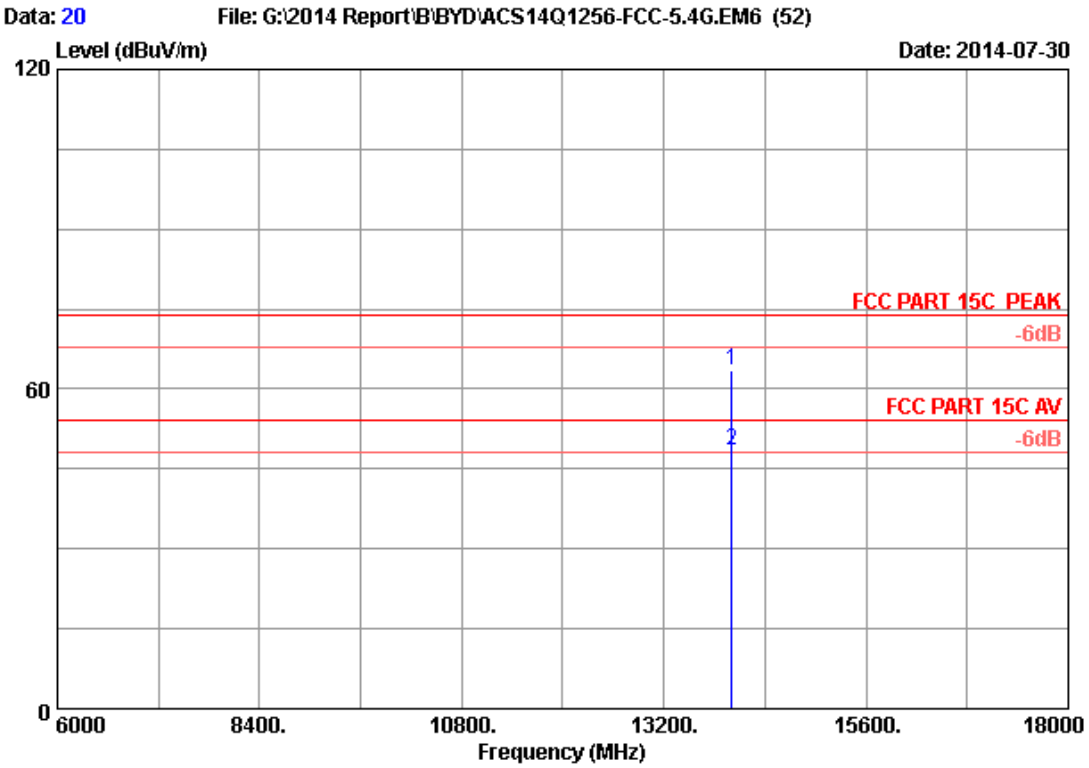
Site no. : 3m Chamber Data no. : 18
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH140 5700MHz Tx
M/N : AT10-B

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	1335.000	24.61	4.25	36.43	60.31	52.74	74.00	21.26	Peak
2	1335.000	24.61	4.25	36.43	45.11	37.54	54.00	16.46	Average
3	5700.000	34.08	9.50	35.70	92.85	100.73	74.00	-26.73	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.



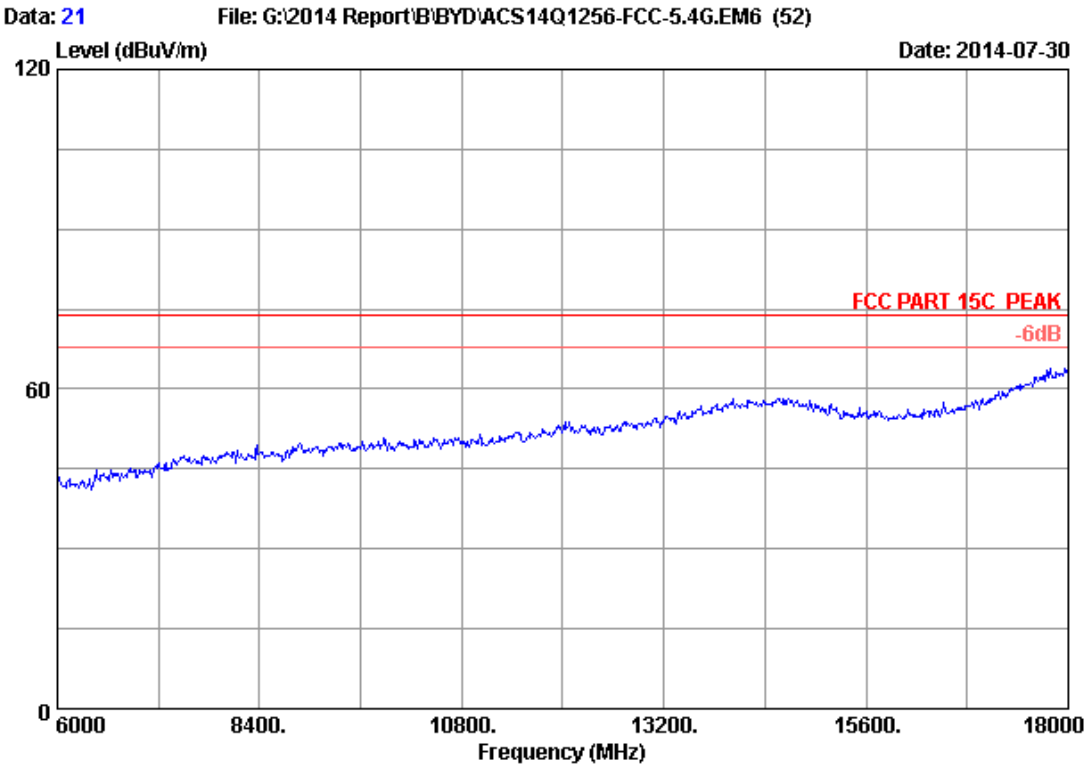

```
Site no.      : 3m Chamber                      Data no.   : 19
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating  : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11a  CH140  5700MHz  Tx
M/N           : AT10-B
```



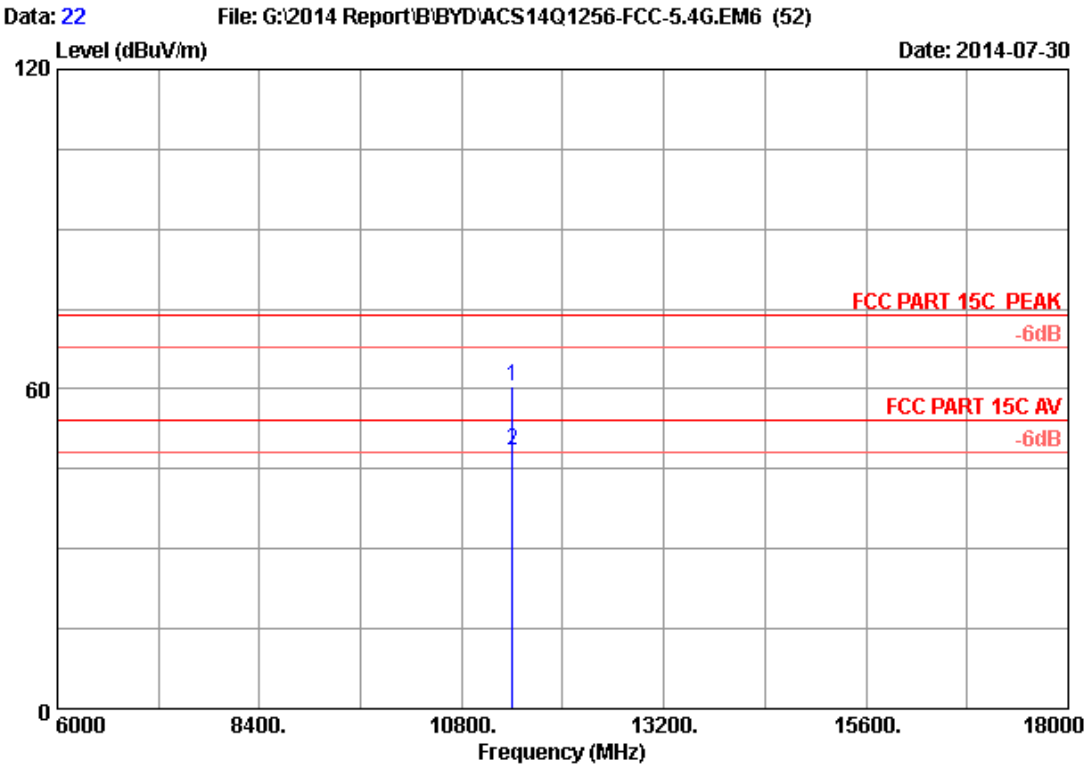
Site no. : 3m Chamber Data no. : 20
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH140 5700MHz Tx
M/N : AT10-B

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	14000.000	41.80	14.71	33.30	40.15	63.36	74.00	10.64	Peak
2	14000.000	41.80	14.71	33.30	25.14	48.35	54.00	5.65	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.



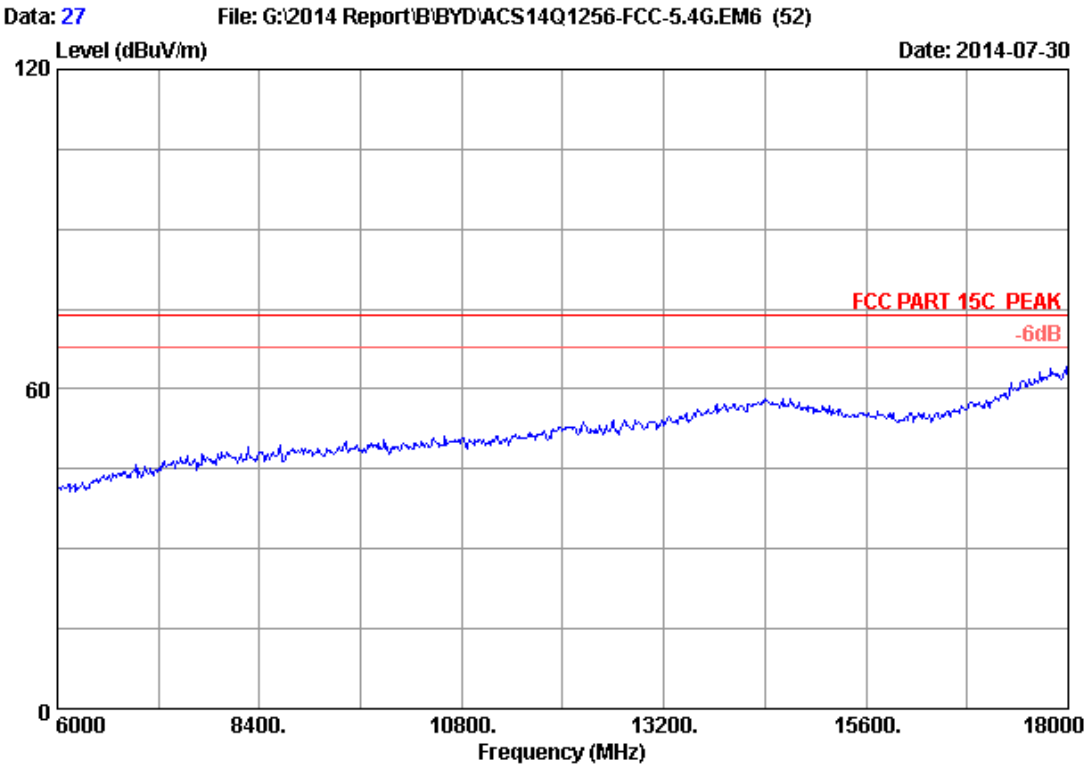

```
Site no.      : 3m Chamber                      Data no.   : 21
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating  : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11a  CH140  5700MHz  Tx
M/N           : AT10-B
```



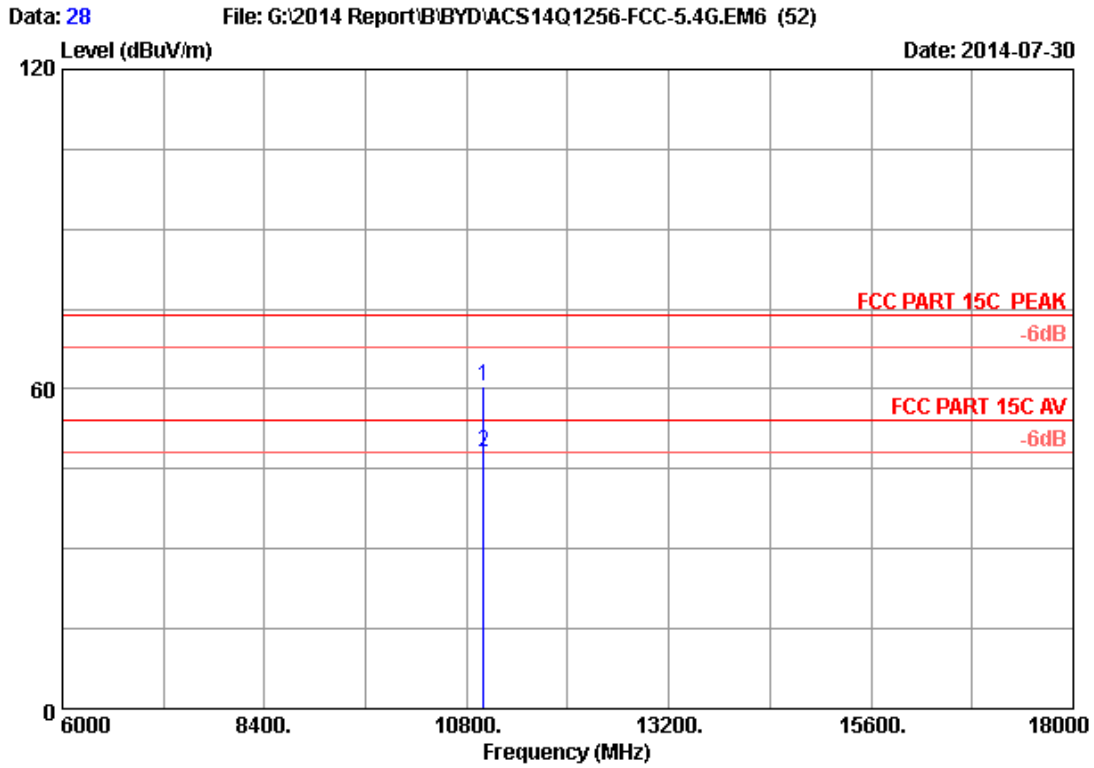
Site no. : 3m Chamber Data no. : 22
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH140 5700MHz Tx
M/N : AT10-B

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	11400.000	38.64	13.23	35.29	43.97	60.55	74.00	13.45	Peak
2	11400.000	38.64	13.23	35.29	31.91	48.49	54.00	5.51	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.



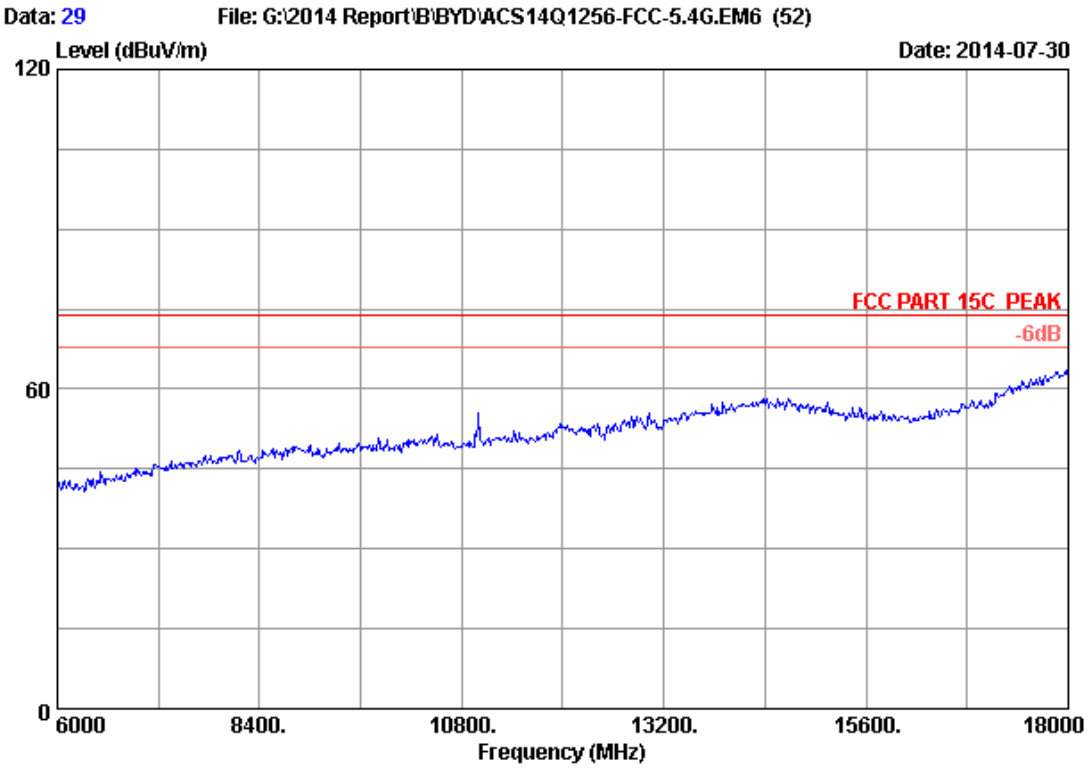

```
Site no.      : 3m Chamber                      Data no.   : 27
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating  : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11nHT20  CH100  5500MHz  Tx
M/N           : AT10-B
```



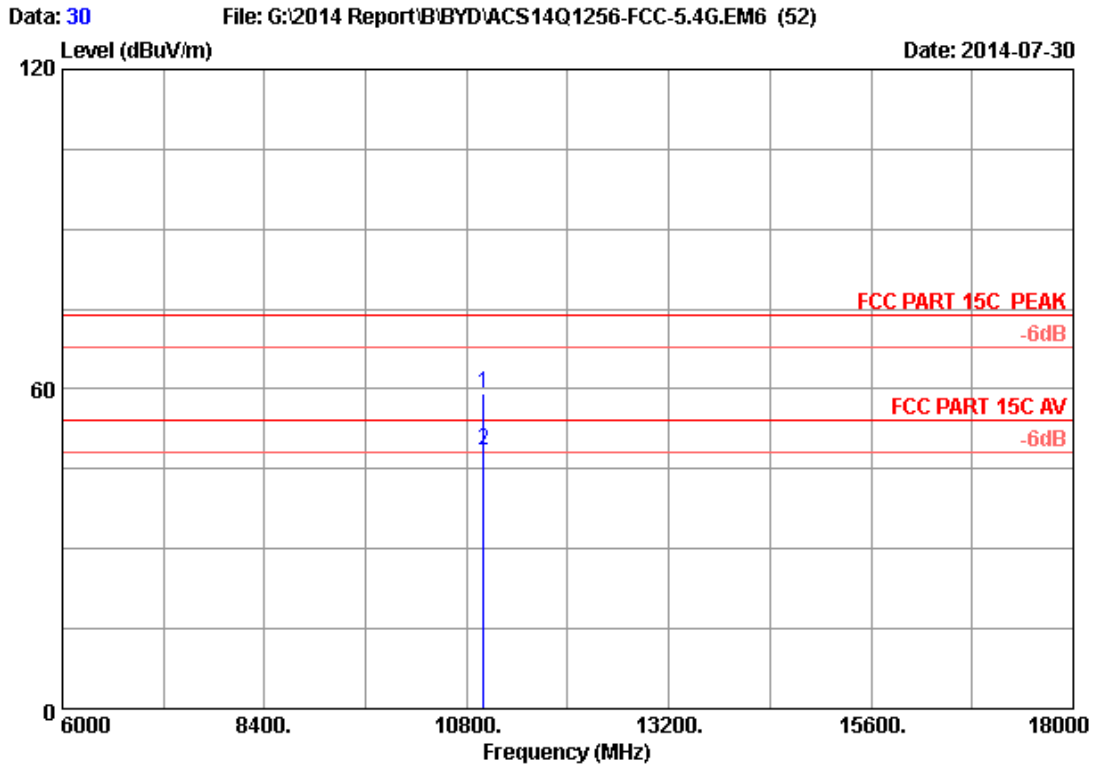
Site no. : 3m Chamber Data no. : 28
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH100 5500MHz Tx
M/N : AT10-B

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	11000.000	38.40	13.00	35.35	44.48	60.53	74.00	13.47	Peak
2	11000.000	38.40	13.00	35.35	32.15	48.20	54.00	5.80	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.



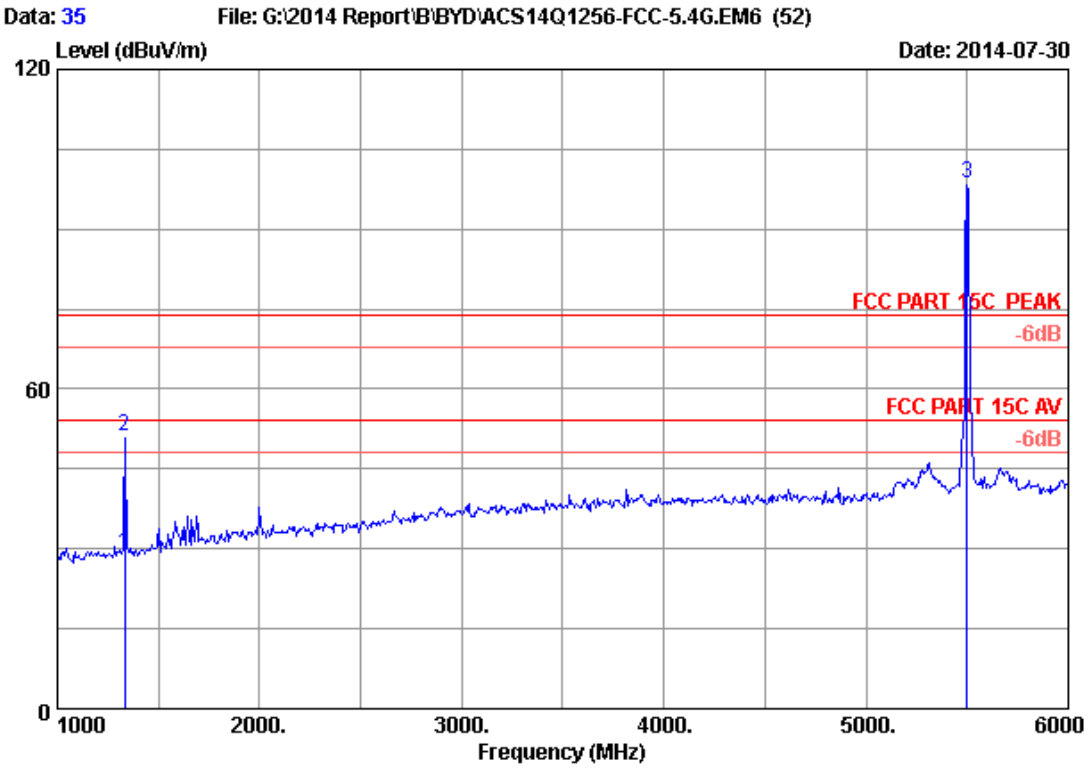

```
Site no.      : 3m Chamber                      Data no.   : 29
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating  : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11nHT20  CH100  5500MHz  Tx
M/N           : AT10-B
```



Site no. : 3m Chamber Data no. : 30
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH100 5500MHz Tx
M/N : AT10-B

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	11000.000	38.40	13.00	35.35	43.11	59.16	74.00	14.84	Peak
2	11000.000	38.40	13.00	35.35	32.56	48.61	54.00	5.39	Average

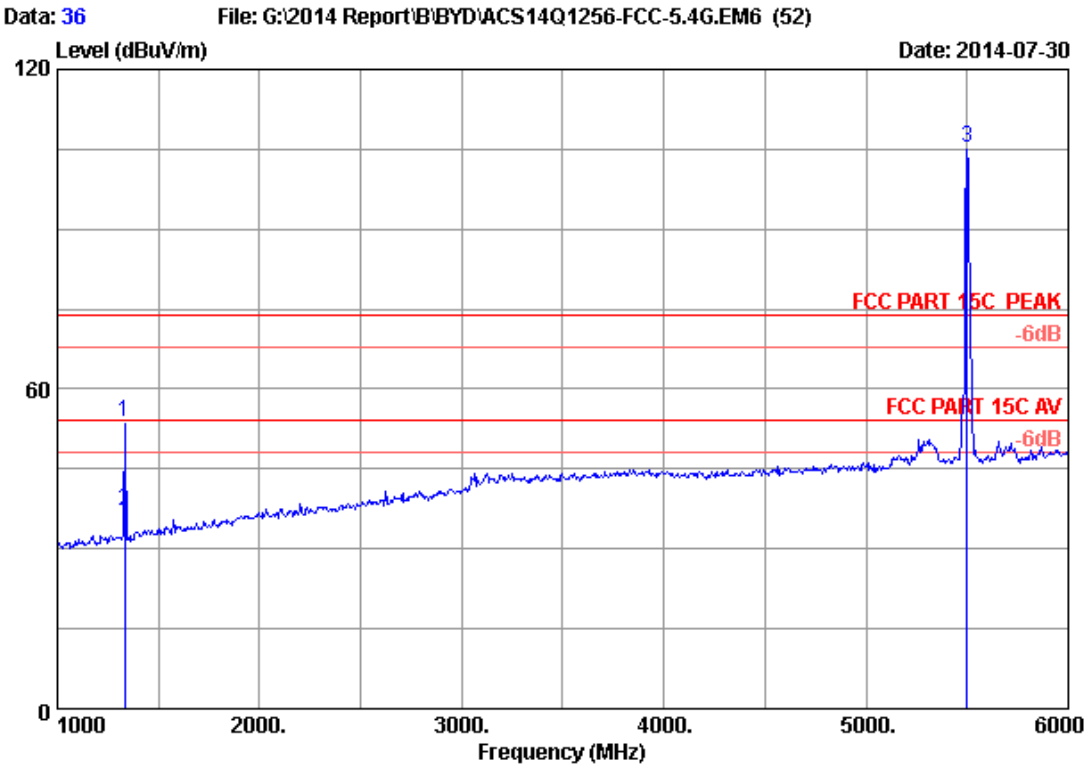
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 35
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH100 5500MHz Tx
M/N : AT10-B

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	1335.000	24.61	4.25	36.43	36.60	29.03	54.00	24.97	Average
2	1335.000	24.61	4.25	36.43	58.86	51.29	74.00	22.71	Peak
3	5500.000	34.00	9.29	35.70	91.06	98.65	74.00	-24.65	Peak

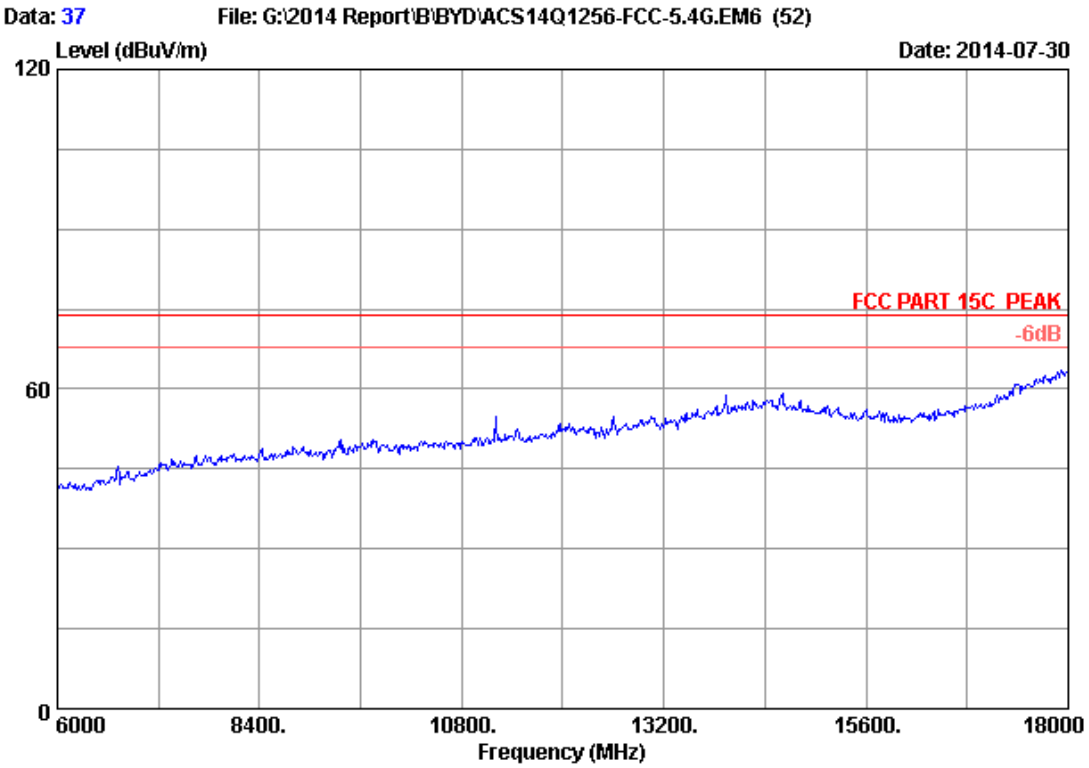
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



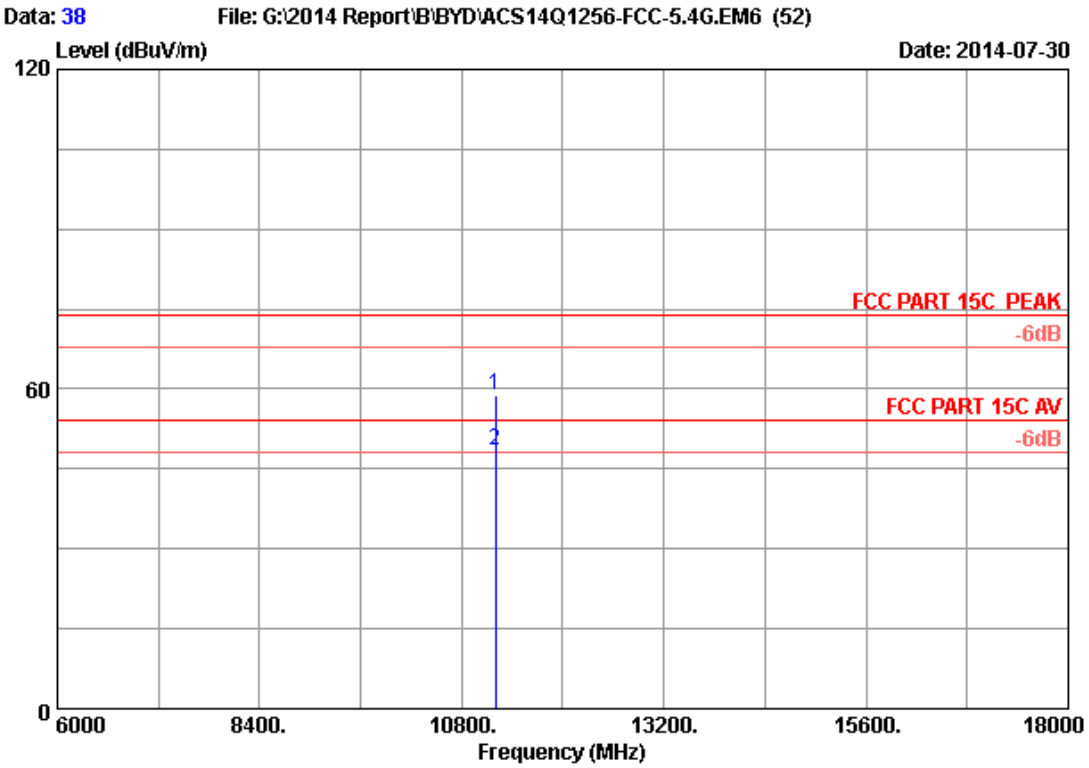
Site no. : 3m Chamber Data no. : 36
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH100 5500MHz Tx
M/N : AT10-B

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	1335.000	24.61	4.25	36.43	61.32	53.75	74.00	20.25	Peak
2	1335.000	24.61	4.25	36.43	44.55	36.98	54.00	17.02	Average
3	5500.000	34.00	9.29	35.70	97.86	105.45	74.00	-31.45	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.



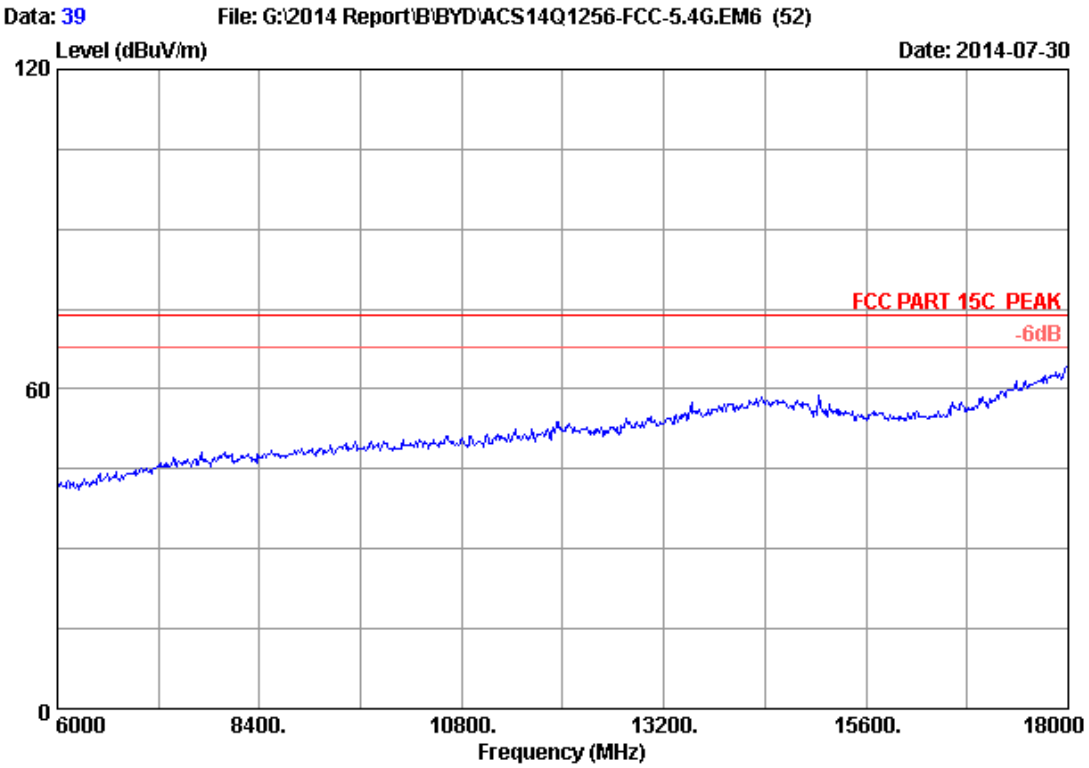

```
Site no.      : 3m Chamber                        Data no.   : 37
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating  : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11nHT20  CH120  5600MHz  Tx
M/N           : AT10-B
```



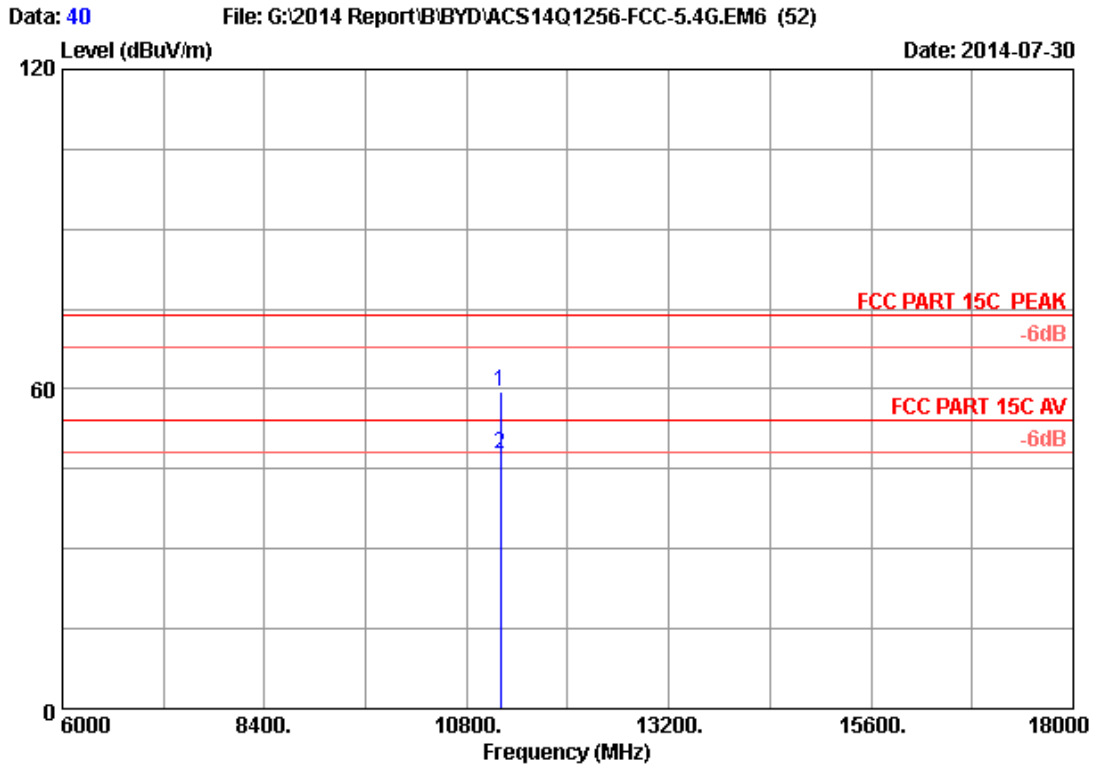
Site no. : 3m Chamber Data no. : 38
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH120 5600MHz Tx
M/N : AT10-B

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	11200.000	38.52	13.11	35.32	42.52	58.83	74.00	15.17	Peak
2	11200.000	38.52	13.11	35.32	32.17	48.48	54.00	5.52	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.



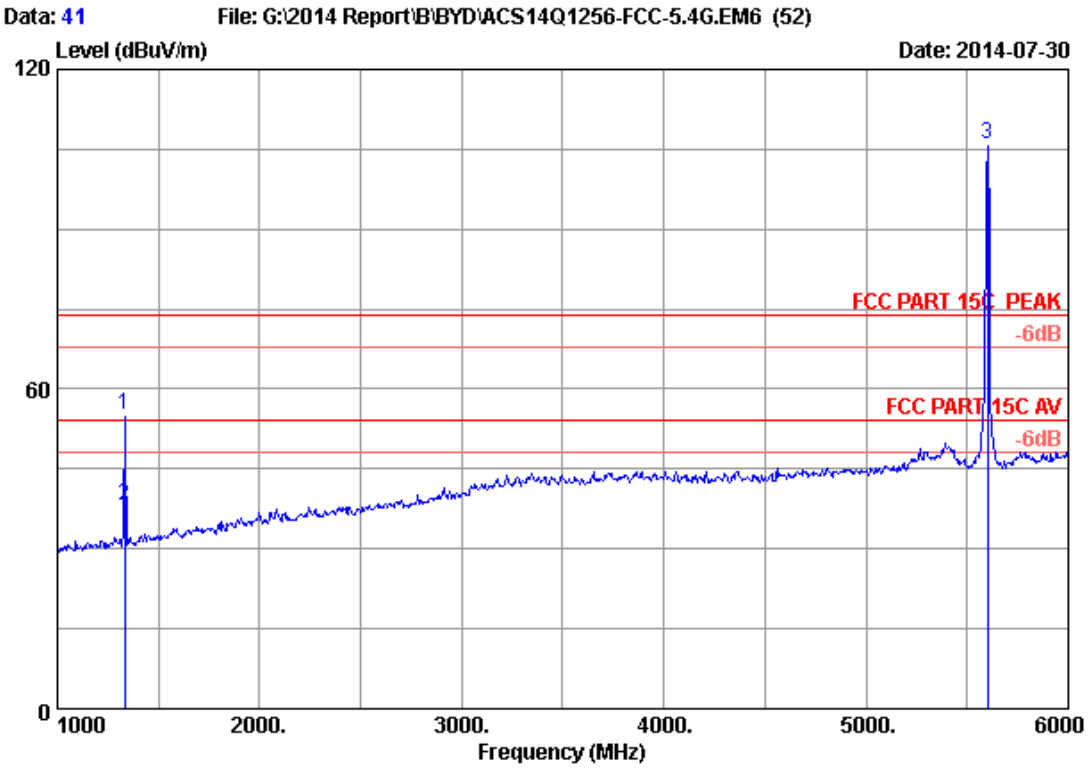

```
Site no.      : 3m Chamber                      Data no.   : 39
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating  : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11nHT20  CH120  5600MHz  Tx
M/N           : AT10-B
```



Site no. : 3m Chamber Data no. : 40
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH120 5600MHz Tx
M/N : AT10-B

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	11200.000	38.52	13.11	35.32	43.02	59.33	74.00	14.67	Peak
2	11200.000	38.52	13.11	35.32	31.58	47.89	54.00	6.11	Average

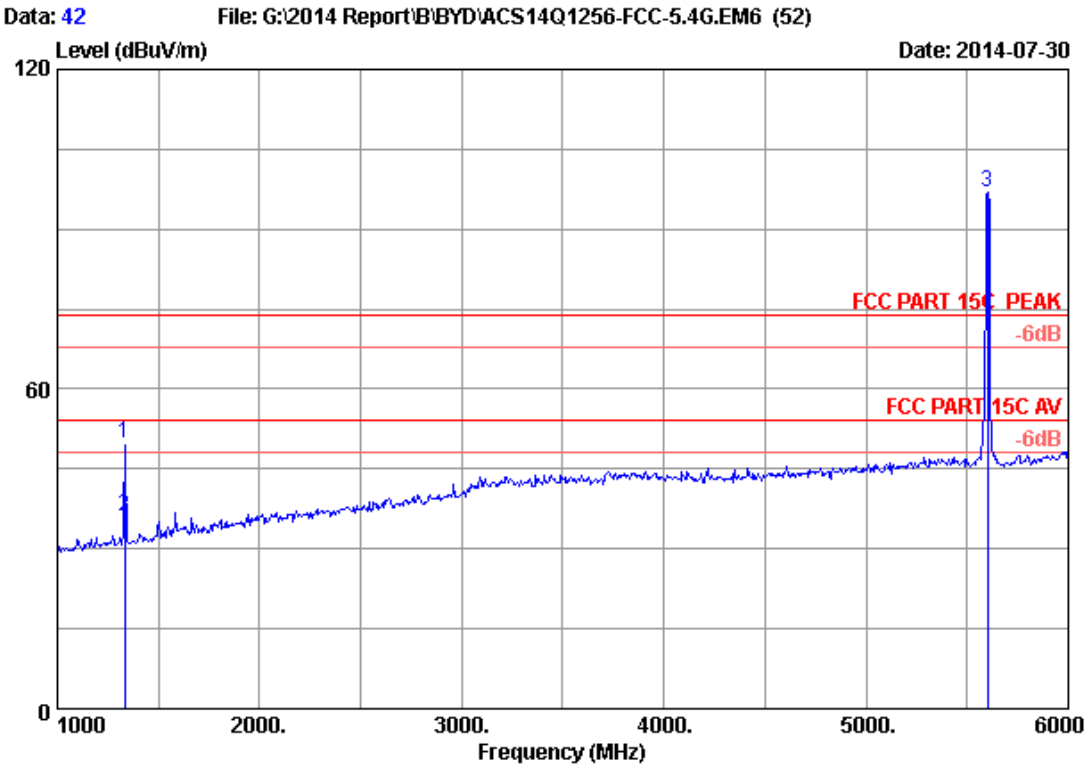
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 41
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH120 5600MHz Tx
M/N : AT10-B

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	1335.000	24.61	4.25	36.43	62.74	55.17	74.00	18.83	Peak
2	1335.000	24.61	4.25	36.43	45.80	38.23	54.00	15.77	Average
3	5600.000	34.04	9.39	35.70	98.13	105.86	74.00	-31.86	Peak

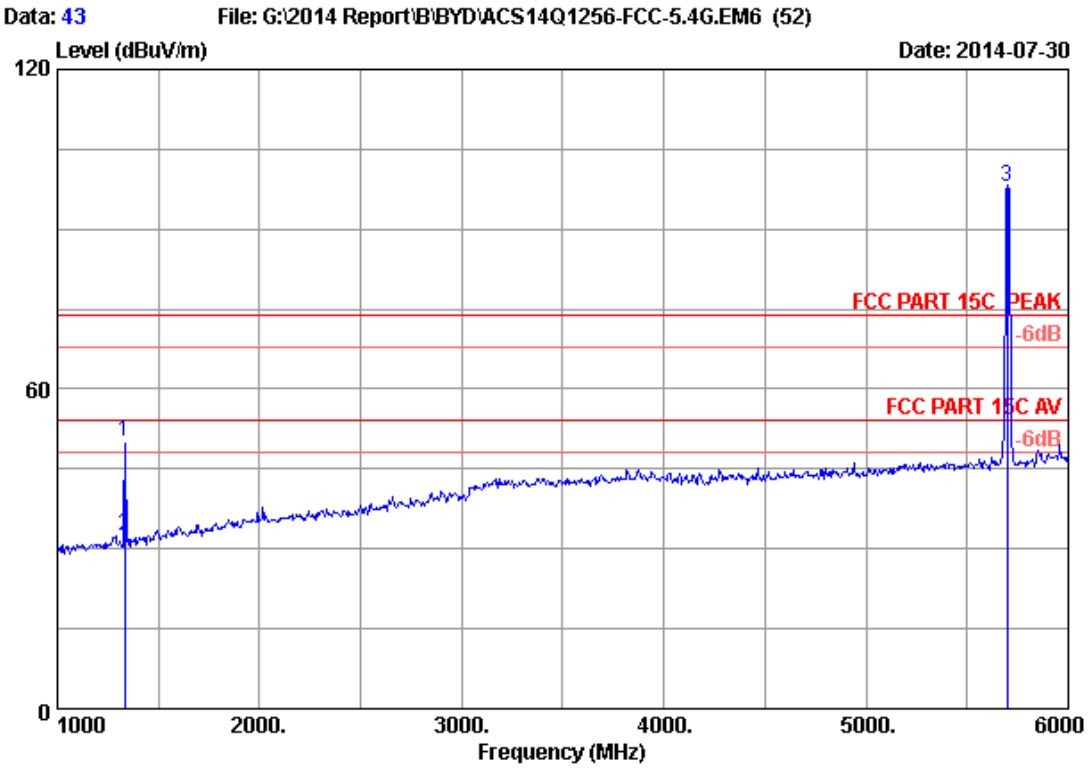
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 42
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH120 5600MHz Tx
M/N : AT10-B

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	1335.000	24.61	4.25	36.43	57.53	49.96	74.00	24.04	Peak
2	1335.000	24.61	4.25	36.43	43.53	35.96	54.00	18.04	Average
3	5600.000	34.04	9.39	35.70	89.32	97.05	74.00	-23.05	Peak

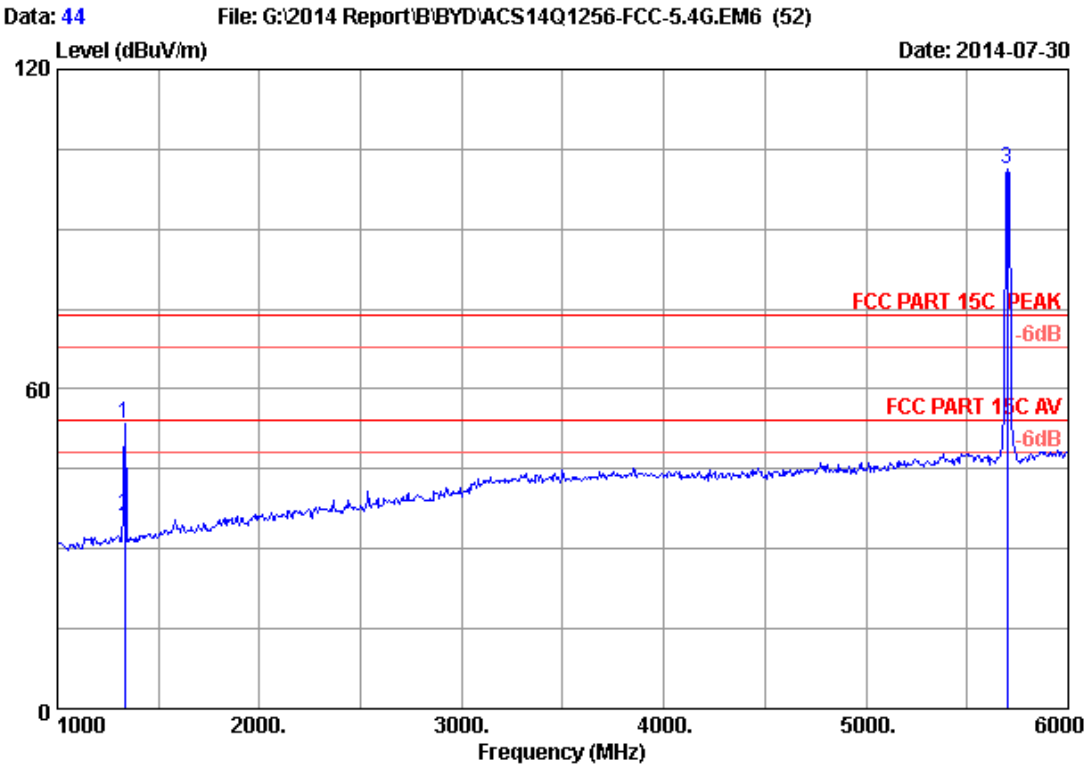
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 43
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH140 5700MHz Tx
M/N : AT10-B

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	1335.000	24.61	4.25	36.43	57.56	49.99	74.00	24.01	Peak
2	1335.000	24.61	4.25	36.43	40.14	32.57	54.00	21.43	Average
3	5700.000	34.08	9.50	35.70	90.13	98.01	74.00	-24.01	Peak

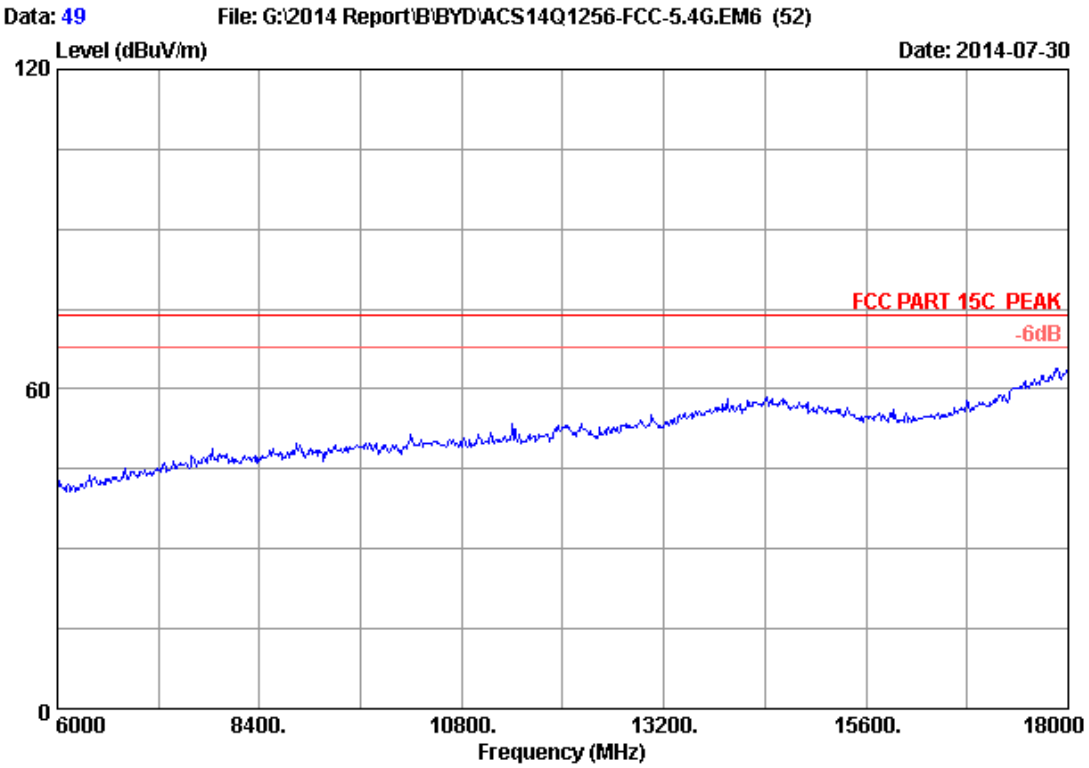
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



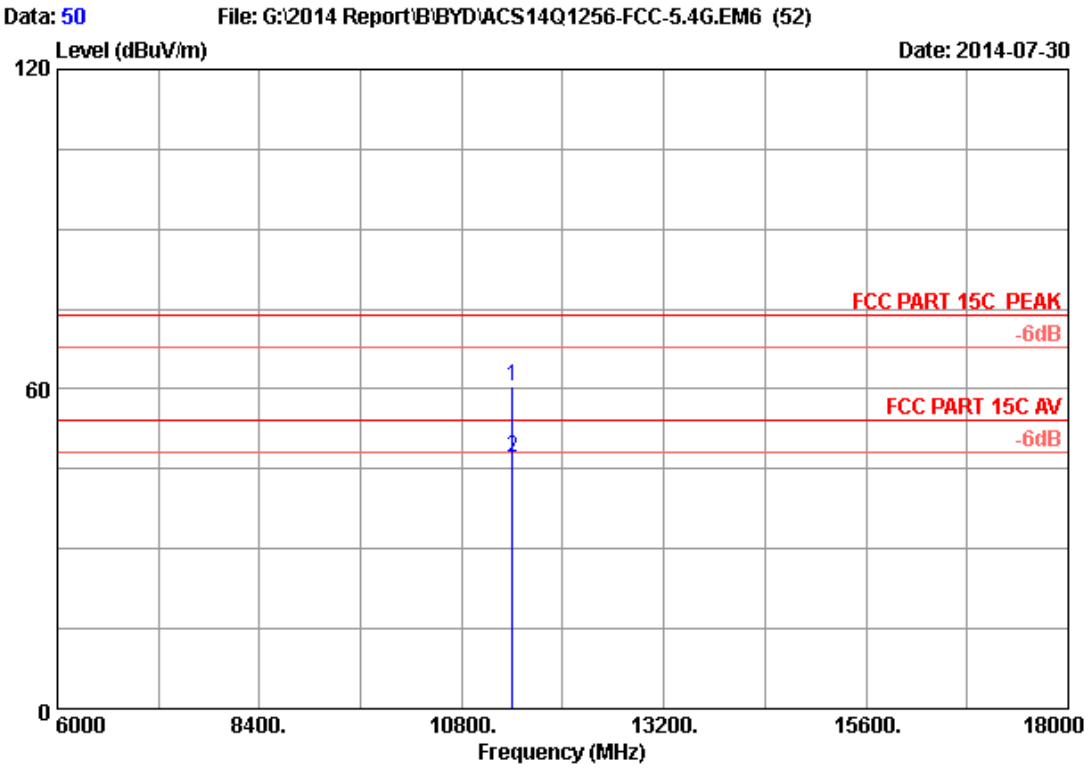
Site no. : 3m Chamber Data no. : 44
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH140 5700MHz Tx
M/N : AT10-B

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	1333.520	24.60	4.25	36.43	60.90	53.32	74.00	20.68	Peak
2	1333.520	24.60	4.25	36.43	43.74	36.16	54.00	17.84	Average
3	5700.000	34.08	9.50	35.70	93.33	101.21	74.00	-27.21	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.



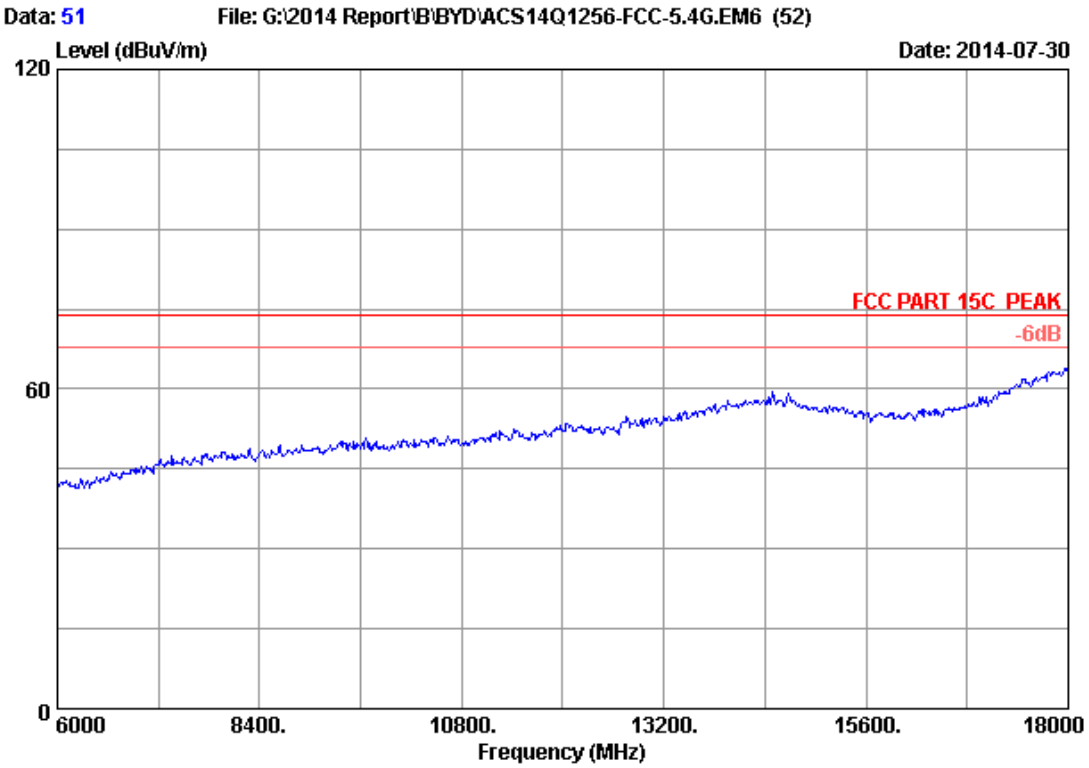

```
Site no.      : 3m Chamber                      Data no.   : 49
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating  : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11nHT20  CH140  5700MHz  Tx
M/N           : AT10-B
```



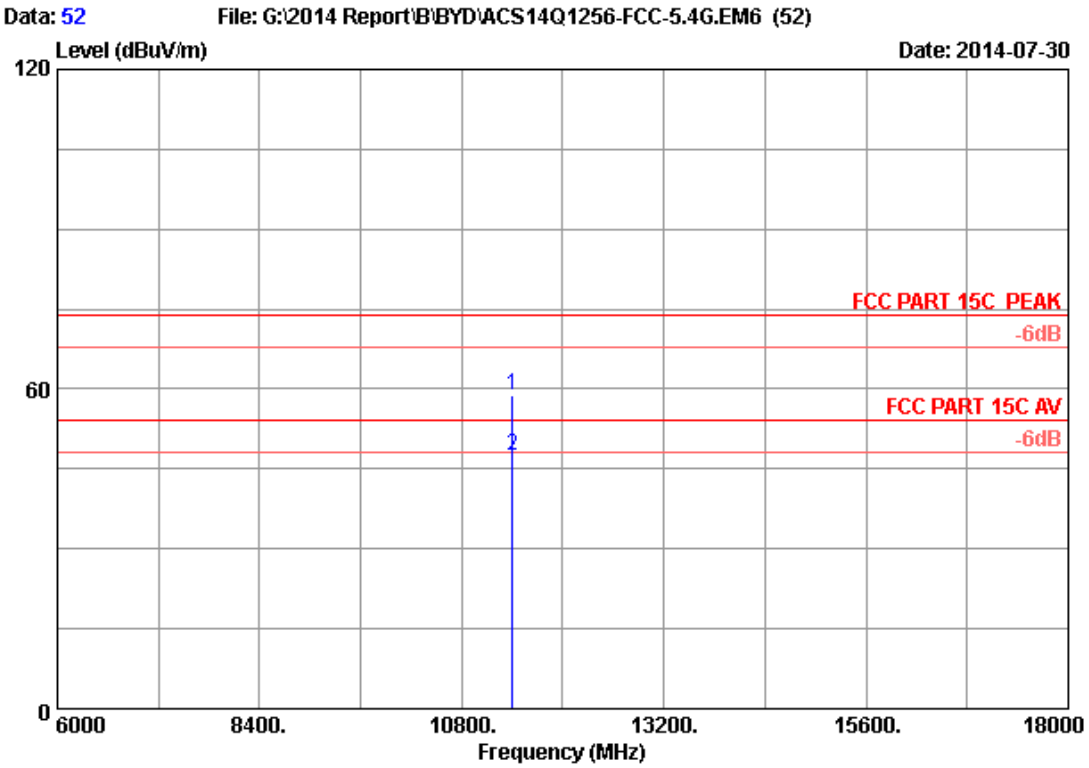
Site no. : 3m Chamber Data no. : 50
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH140 5700MHz Tx
M/N : AT10-B

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	11400.000	38.64	13.23	35.29	43.82	60.40	74.00	13.60	Peak
2	11400.000	38.64	13.23	35.29	30.68	47.26	54.00	6.74	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.   : 51
Dis. / Ant.   : 3m   2013 3115 (4580)       Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 24*C/56%                    Engineer   : Kevin_HMJ
EUT           : Tablet PC
Power Rating : DC 5V From Adapter Input  AC 120V/60Hz
Test Mode     : IEEE802.11nHT20  CH140  5700MHz  Tx
M/N           : AT10-B
```



Site no. : 3m Chamber Data no. : 52
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH140 5700MHz Tx
M/N : AT10-B

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	11400.000	38.64	13.23	35.29	42.18	58.76	74.00	15.24	Peak
2	11400.000	38.64	13.23	35.29	30.82	47.40	54.00	6.60	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. BAND EDGE COMPLIANCE TEST

5.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	E4446A	US44300459	Apr. 28,14	1 Year
2.	Amp	HP	8449B	3008A02495	Apr. 28,14	1 Year
3.	Horn Antenna	EMCO	3115	9607-4877	Aug.27, 13	1 Year
4.	HF Cable	Hubersuhner	Sucoflex104	274094/4	Apr. 28,14	1 Year
5	RF Cable	Hubersuhner	Sucoflex102	28610/2	Apr. 28,14	1 Year

5.2.Limit

All the lower and upper band-edges emissions appearing within restricted frequency bands shall not exceed the limits shown in 15.209, all the emissions outside operation frequency band shall company with 15.407(b)(1) requirement.

5.3.Test 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 upper band-edges of the emission:

(a) PEAK: RBW=1MHz; VBW=3MHz; Sweep=AUTO
(b) AVERAGE: RBW=1MHz; VBW=10Hz; Sweep=AUTO

5. The maximum emission at 3m distance was measured and recorded with receive antenna in both vertical and horizontal by rotating the turntable and by lowering the receive antenna.

6. The EUT was then removed and replaced with a substitution antenna in the same position and the substitution antenna must have the same polarization with the receive antenna.

7. A signal which have the same frequency obtained in step 2 was fed to the substitution, the receive antenna was raised and lowered to obtain a maximum reading at the test receiver, the level of the signal generator was adjusted until the measured field strength level in step 2 was obtained, recorded the level of the signal generator.

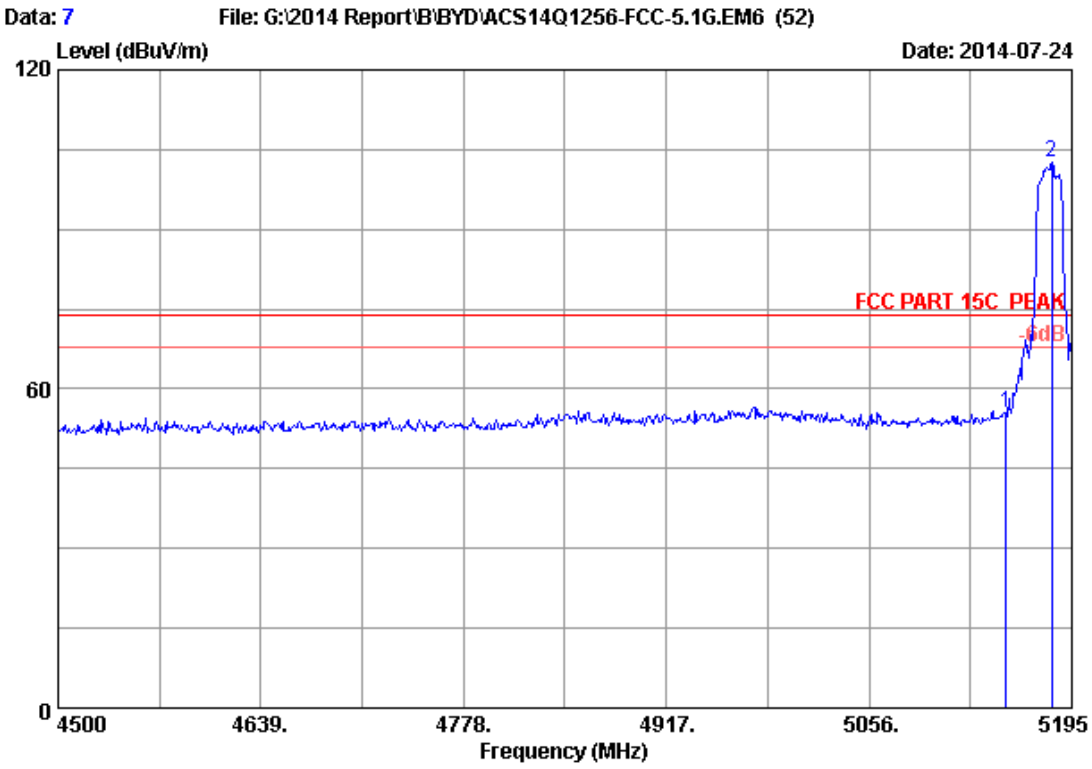
8. Repeated step 4 with both antenna polarizations

9. The spurious emissions is equal to the power supplied by the signal generator and corrections due to the gain of the substitution antenna and the cable loss between the signal generator and the substitution antenna.

5.4. Test Results

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

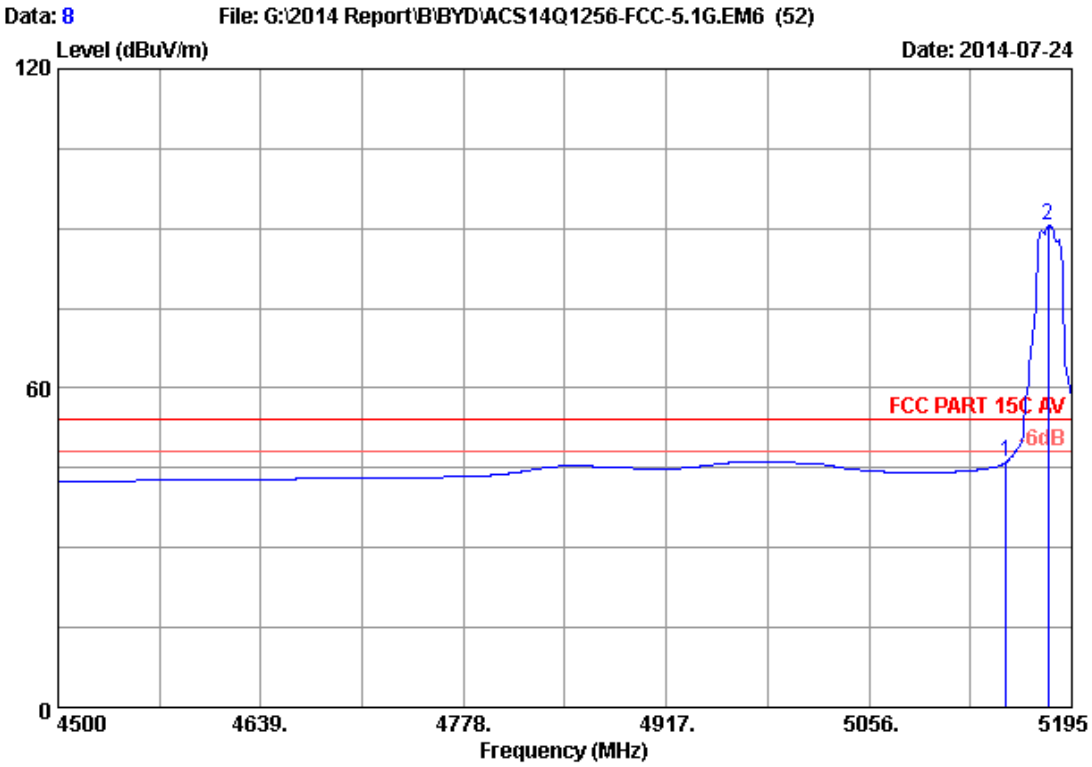
Band 1(5150-5250MHz):



Site no. : 3m Chamber Data no. : 7
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH36 5180MHz Tx
M/N : AT10-B

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	5150.000	33.44	8.92	35.70	48.99	55.65	74.00	18.35	Peak
2	5181.100	33.49	8.95	35.70	95.85	102.59	74.00	-28.59	Peak

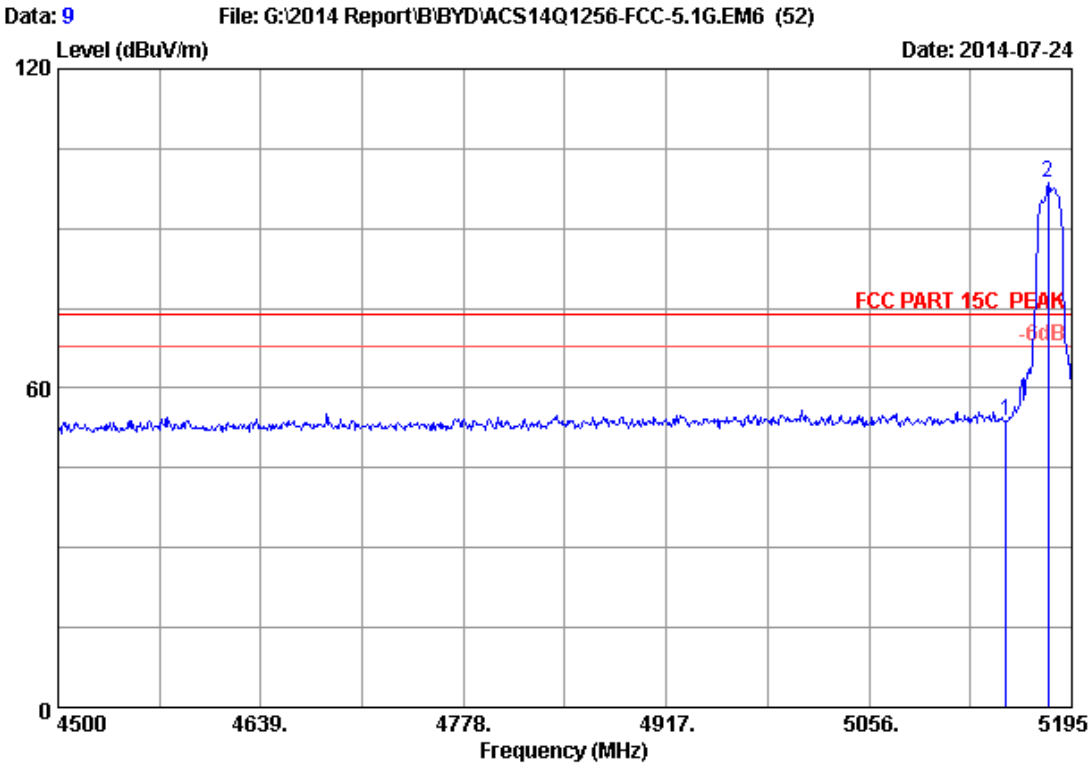
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 8
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH36 5180MHz Tx
M/N : AT10-B

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	5150.000	33.44	8.92	35.70	39.37	46.03	54.00	7.97	Average
2	5179.015	33.49	8.95	35.70	83.81	90.55	54.00	-36.55	Average

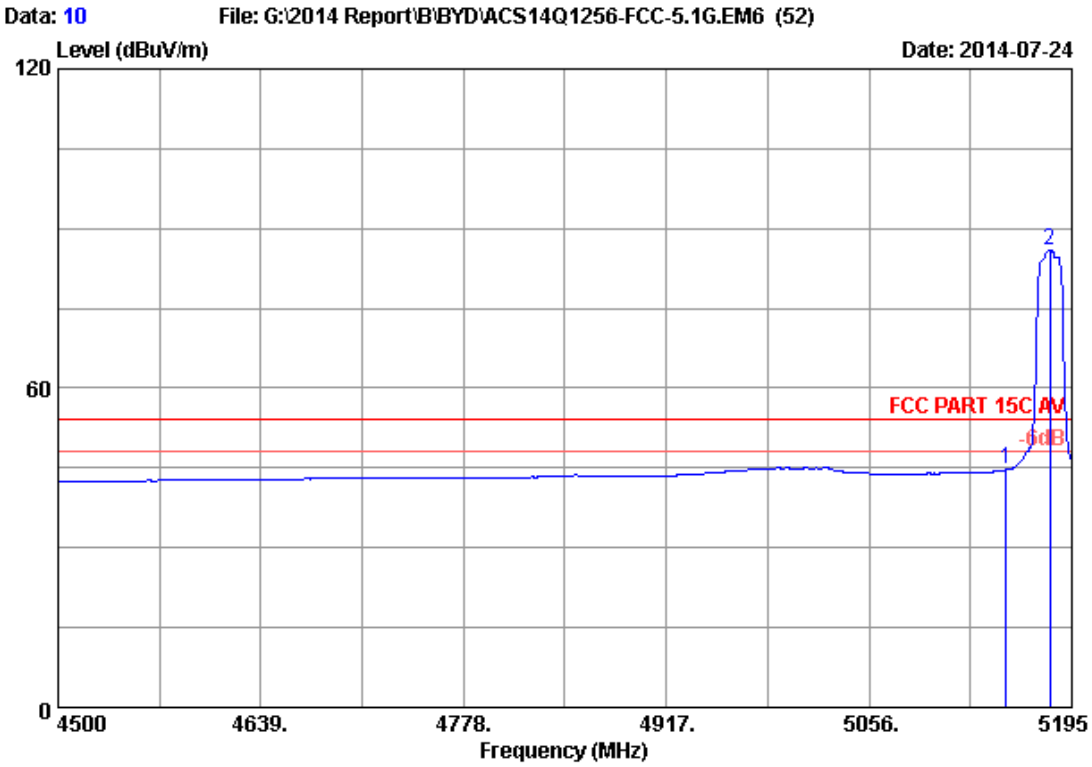
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 9
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH36 5180MHz Tx
M/N : AT10-B

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	5150.000	33.44	8.92	35.70	47.17	53.83	74.00	20.17	Peak
2	5179.015	33.49	8.95	35.70	91.83	98.57	74.00	-24.57	Peak

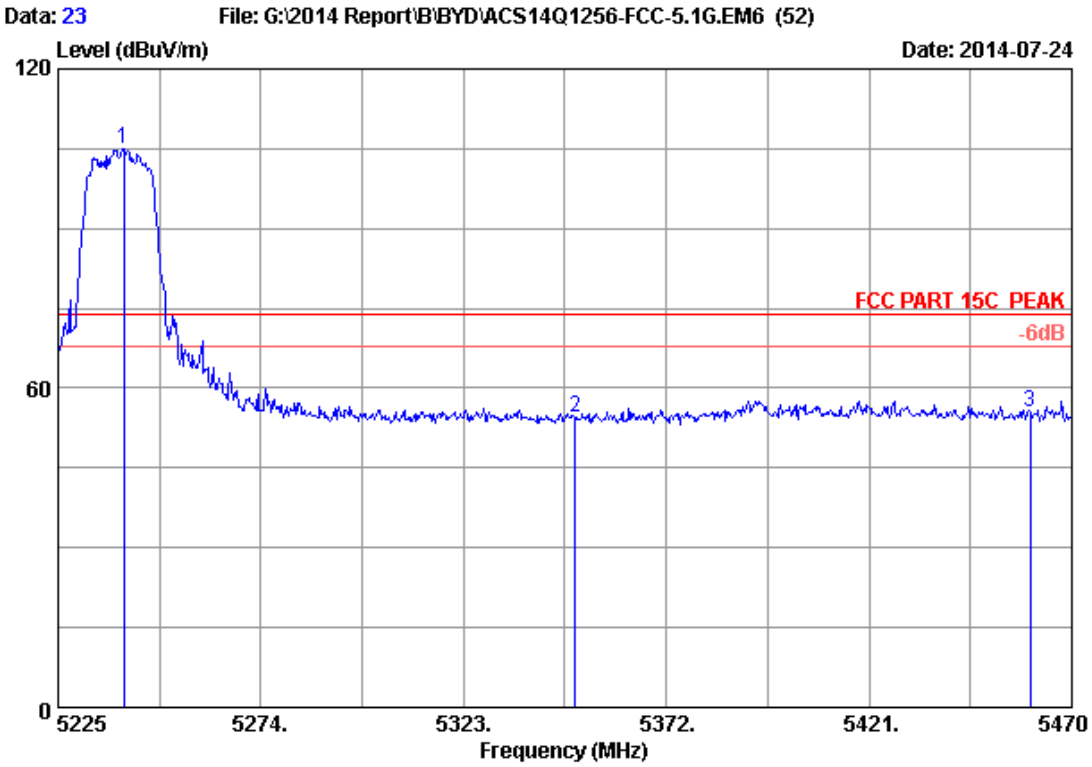
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 10
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH36 5180MHz Tx
M/N : AT10-B

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	5150.000	33.44	8.92	35.70	38.01	44.67	54.00	9.33	Average
2	5179.710	33.49	8.95	35.70	79.29	86.03	54.00	-32.03	Average

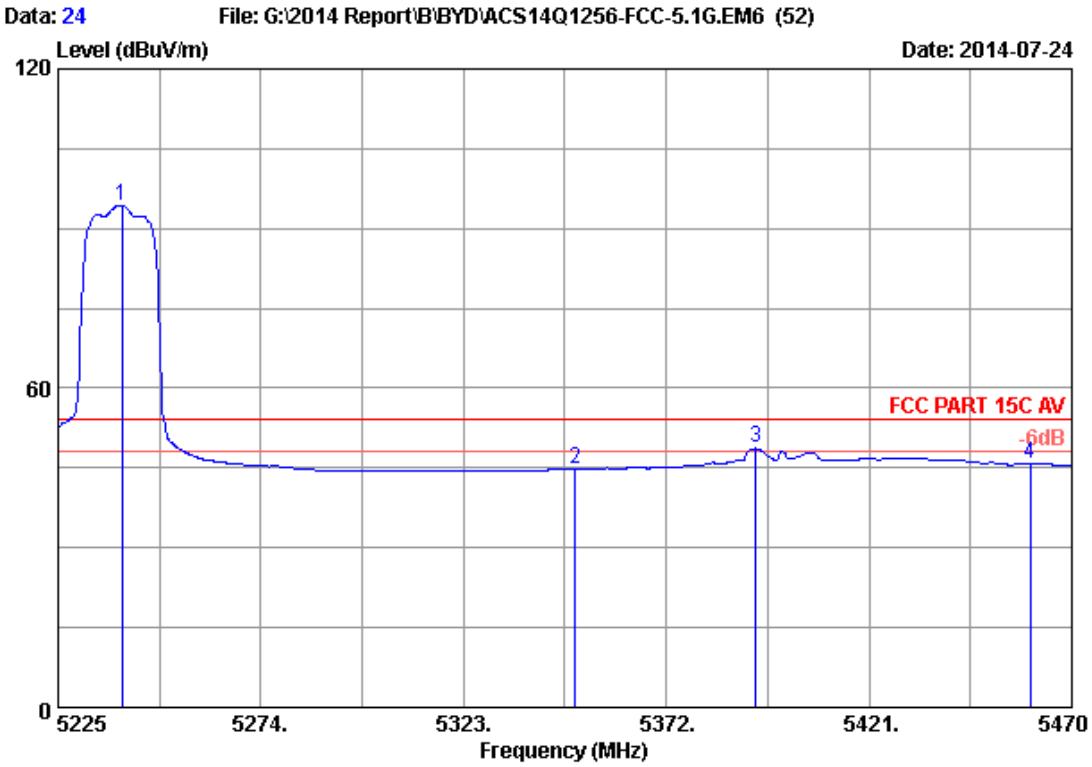
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 23
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH48 5240MHz Tx
M/N : AT10-B

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	5240.925	33.59	9.02	35.70	98.15	105.06	74.00	-31.06	Peak
2	5350.000	33.76	9.13	35.70	47.41	54.60	74.00	19.40	Peak
3	5460.000	33.94	9.25	35.70	47.93	55.42	74.00	18.58	Peak

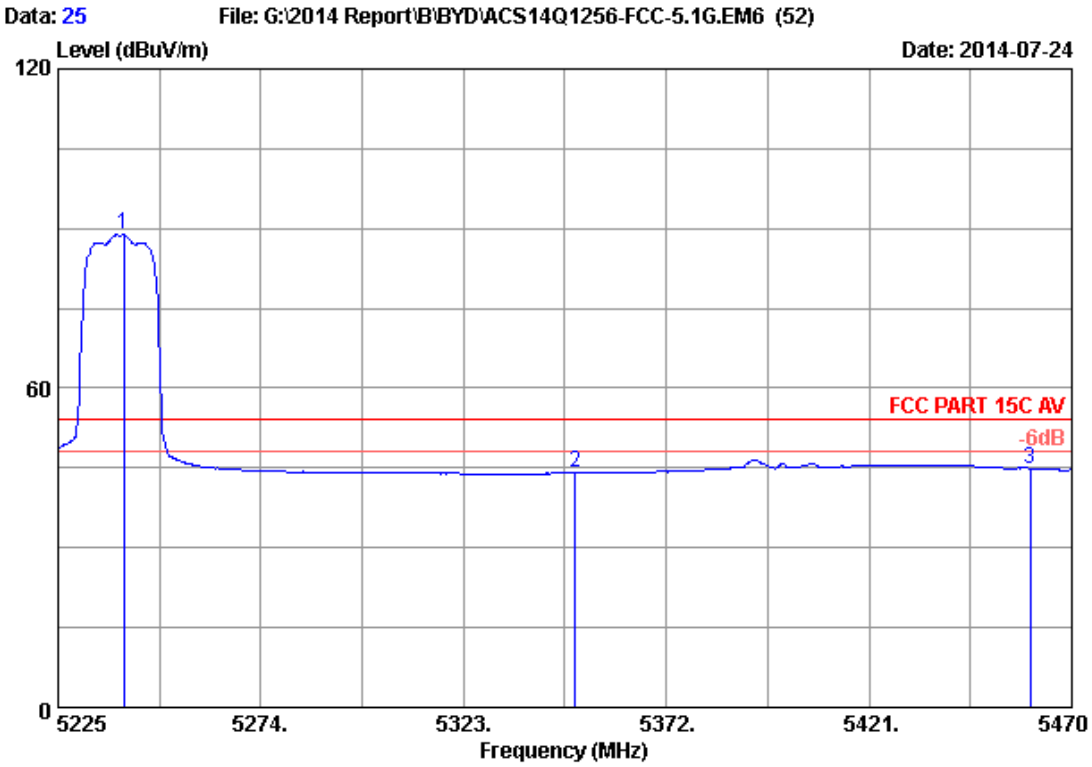
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 24
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH48 5240MHz Tx
M/N : AT10-B

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	5240.435	33.58	9.02	35.70	87.34	94.24	54.00	-40.24	Average
2	5350.000	33.76	9.13	35.70	37.60	44.79	54.00	9.21	Average
3	5393.560	33.83	9.18	35.70	41.35	48.66	54.00	5.34	Average
4	5460.000	33.94	9.25	35.70	38.27	45.76	54.00	8.24	Average

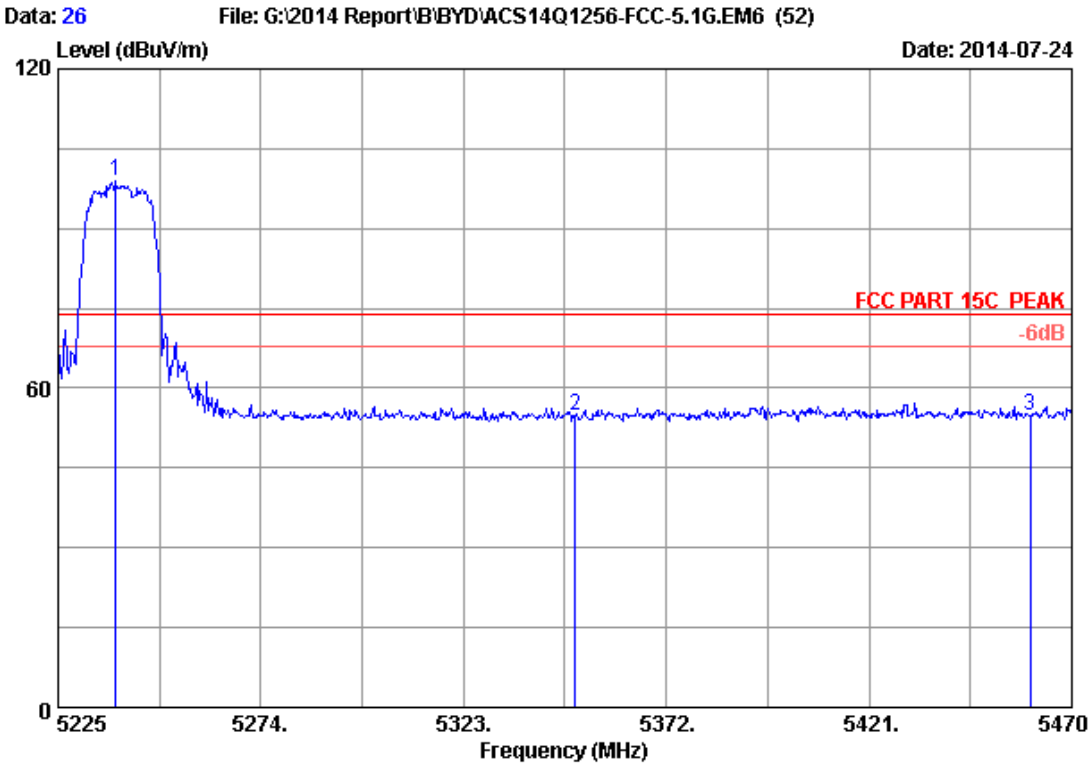
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 25
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH48 5240MHz Tx
M/N : AT10-B

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	5240.925	33.59	9.02	35.70	82.00	88.91	54.00	-34.91	Peak
2	5350.000	33.76	9.13	35.70	36.84	44.03	54.00	9.97	Peak
3	5460.000	33.94	9.25	35.70	37.41	44.90	54.00	9.10	Peak

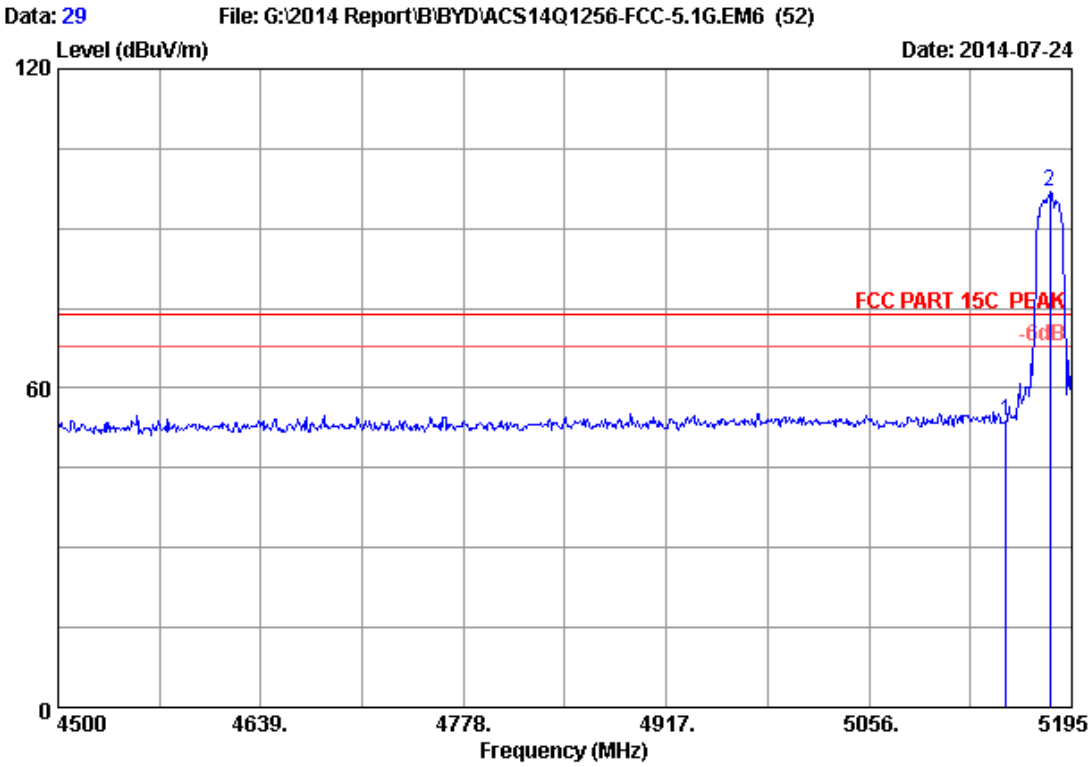
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 26
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH48 5240MHz Tx
M/N : AT10-B

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	5238.965	33.58	9.02	35.70	92.18	99.08	74.00	-25.08	Peak
2	5350.000	33.76	9.13	35.70	47.52	54.71	74.00	19.29	Peak
3	5460.000	33.94	9.25	35.70	47.30	54.79	74.00	19.21	Peak

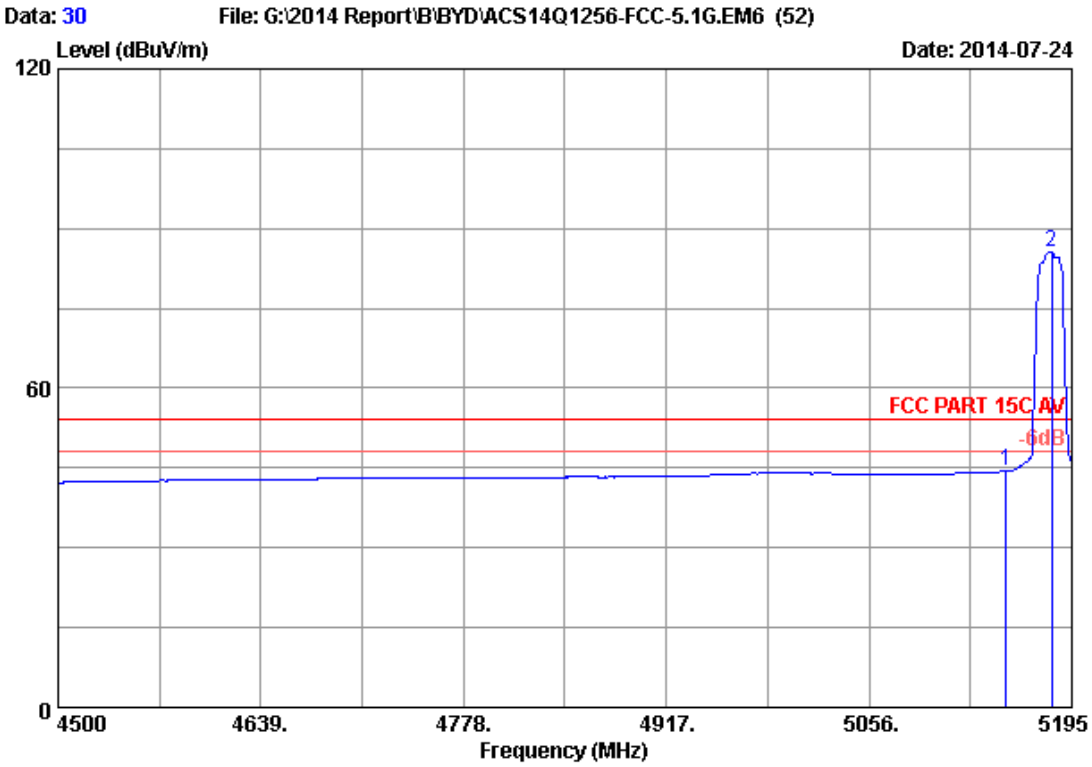
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



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 : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH36 5180MHz Tx
M/N : AT10-B

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	5150.000	33.44	8.92	35.70	47.24	53.90	74.00	20.10	Peak
2	5179.710	33.49	8.95	35.70	90.06	96.80	74.00	-22.80	Peak

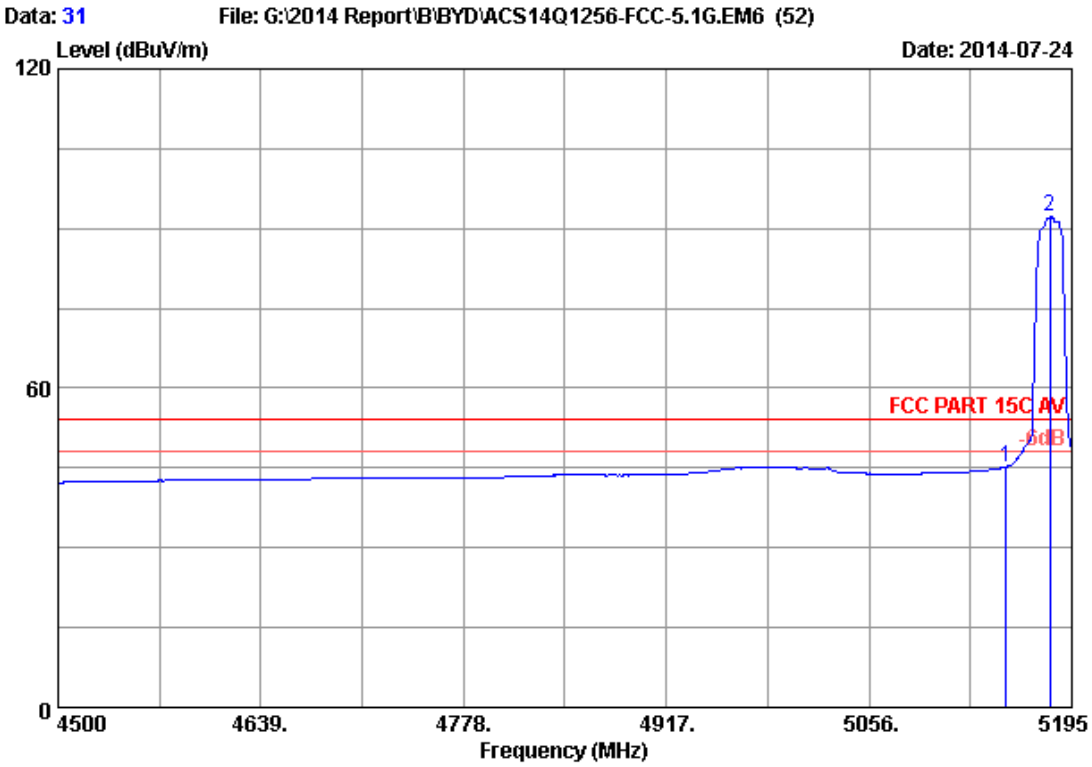
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 30
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH36 5180MHz Tx
M/N : AT10-B

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	5150.000	33.44	8.92	35.70	37.74	44.40	54.00	9.60	Average
2	5181.100	33.49	8.95	35.70	78.90	85.64	54.00	-31.64	Average

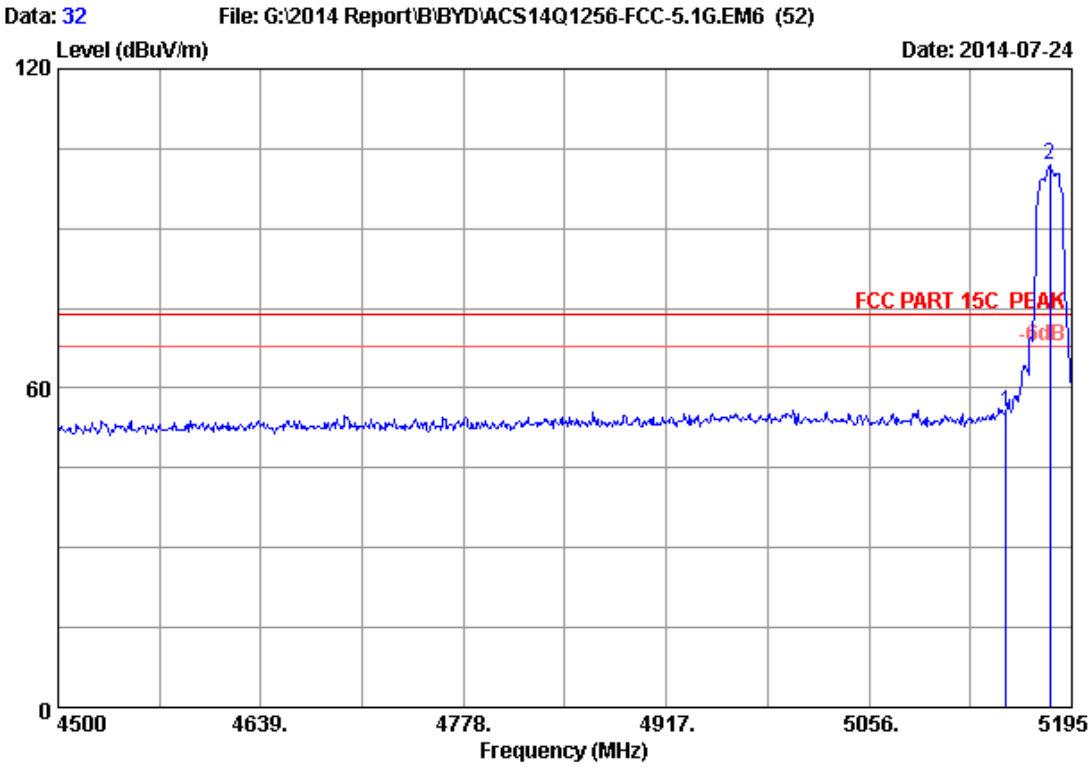
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 31
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH36 5180MHz Tx
M/N : AT10-B

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	5150.000	33.44	8.92	35.70	38.60	45.26	54.00	8.74	Average
2	5179.710	33.49	8.95	35.70	85.59	92.33	54.00	-38.33	Average

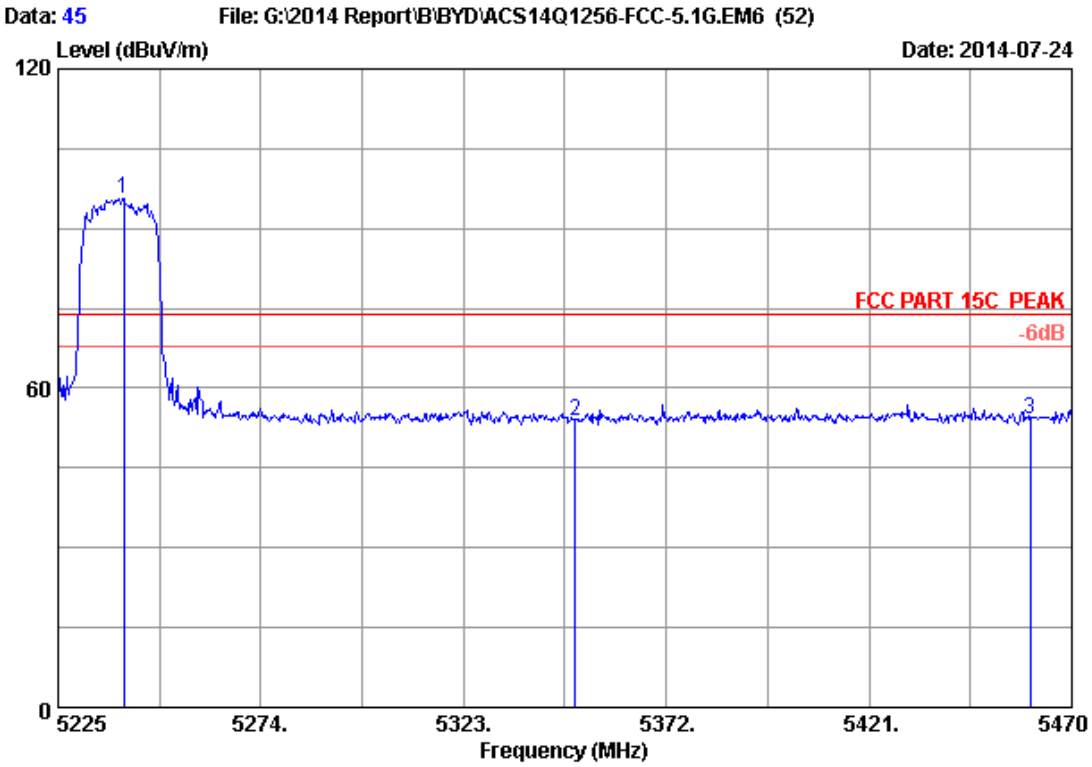
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 32
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH36 5180MHz Tx
M/N : AT10-B

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	5150.000	33.44	8.92	35.70	48.74	55.40	74.00	18.60	Peak
2	5179.710	33.49	8.95	35.70	95.09	101.83	74.00	-27.83	Peak

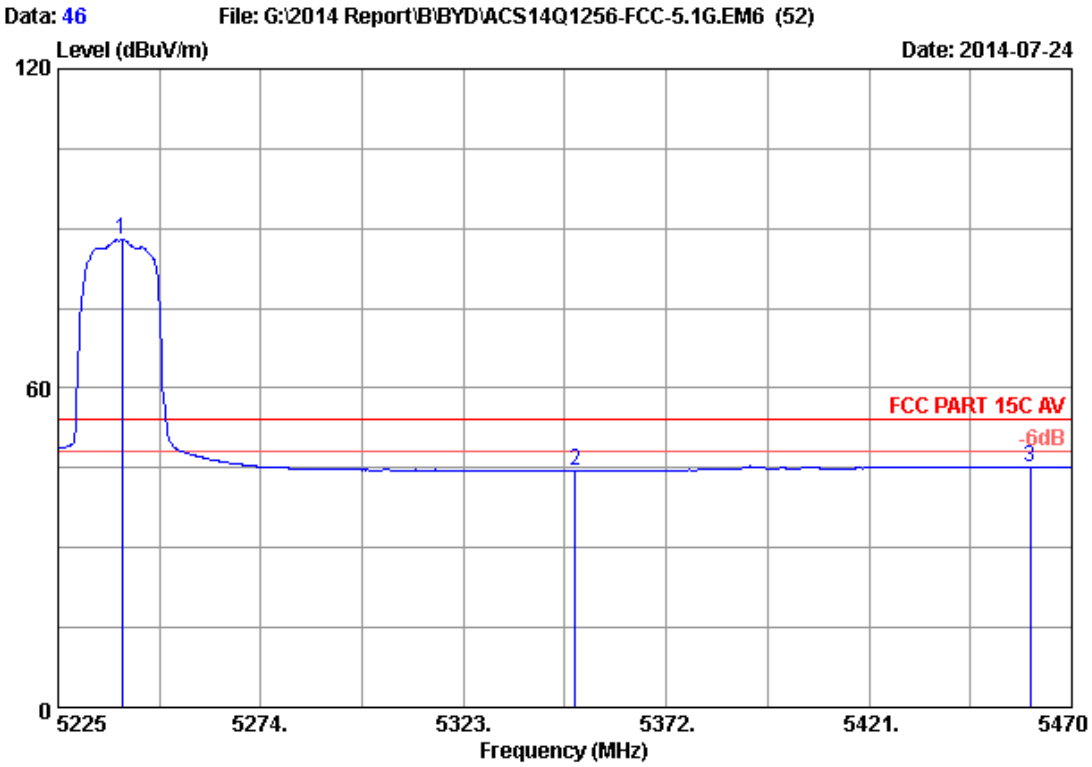
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 45
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH48 5240MHz Tx
M/N : AT10-B

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	5240.925	33.59	9.02	35.70	88.76	95.67	74.00	-21.67	Peak
2	5350.000	33.76	9.13	35.70	46.77	53.96	74.00	20.04	Peak
3	5460.000	33.94	9.25	35.70	46.81	54.30	74.00	19.70	Peak

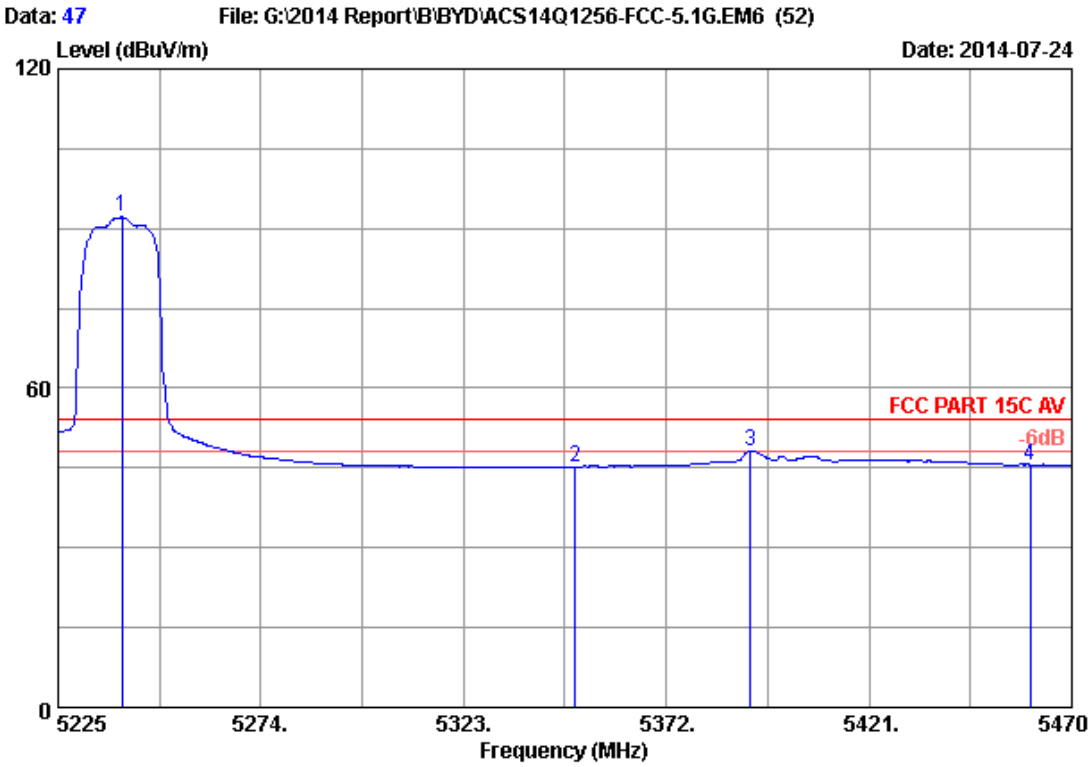
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 46
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH48 5240MHz Tx
M/N : AT10-B

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	5240.435	33.58	9.02	35.70	81.04	87.94	54.00	-33.94	Average
2	5350.000	33.76	9.13	35.70	37.33	44.52	54.00	9.48	Average
3	5460.000	33.94	9.25	35.70	37.68	45.17	54.00	8.83	Average

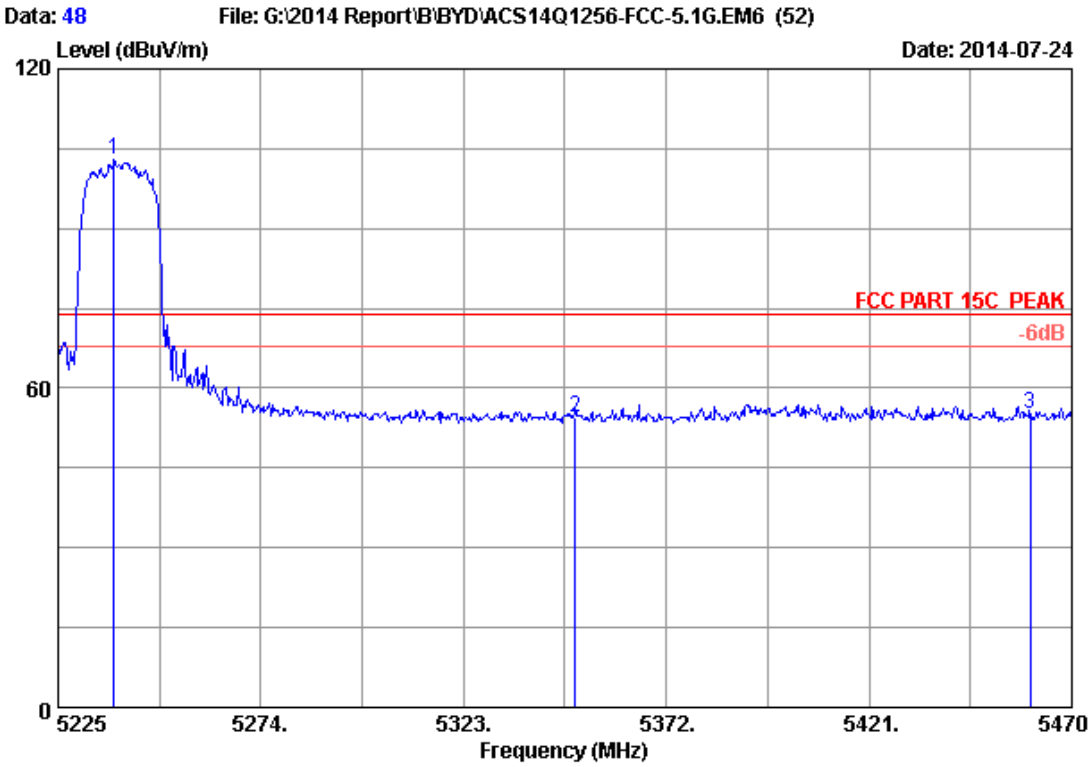
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 47
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH48 5240MHz Tx
M/N : AT10-B

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	5240.435	33.58	9.02	35.70	85.23	92.13	54.00	-38.13	Average
2	5350.000	33.76	9.13	35.70	38.04	45.23	54.00	8.77	Average
3	5392.335	33.83	9.18	35.70	40.73	48.04	54.00	5.96	Average
4	5460.000	33.94	9.25	35.70	38.13	45.62	54.00	8.38	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.

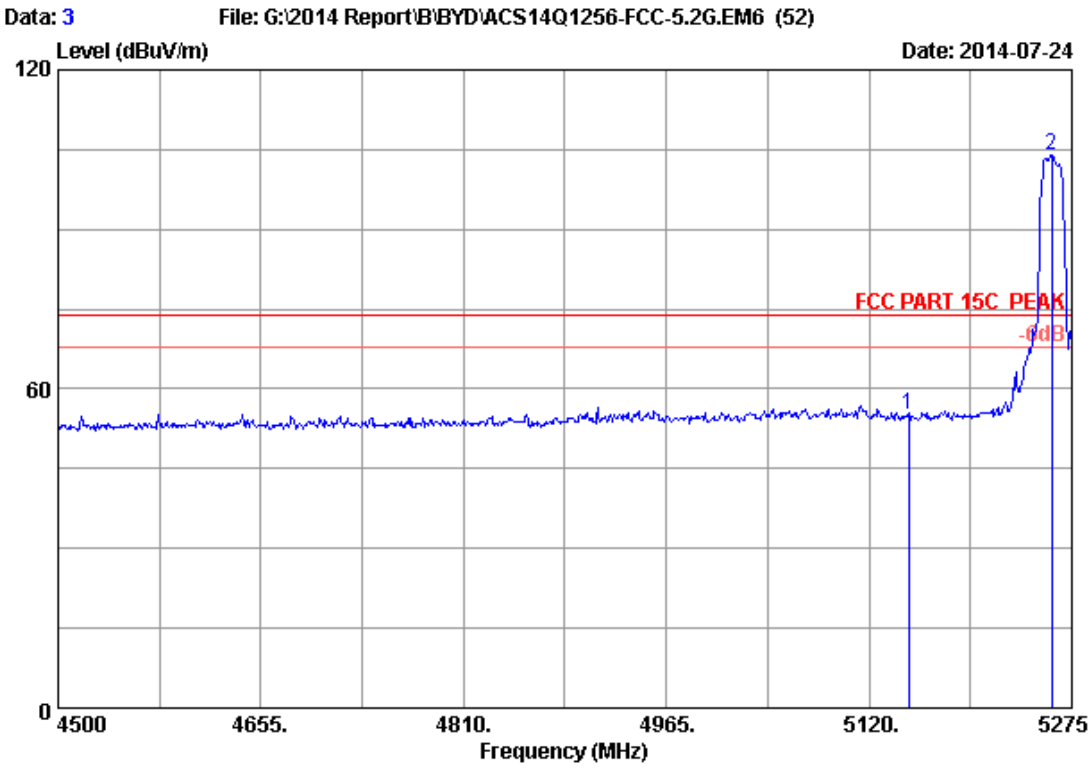


Site no. : 3m Chamber Data no. : 48
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH48 5240MHz Tx
M/N : AT10-B

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	5238.475	33.58	9.01	35.70	95.92	102.81	74.00	-28.81	Peak
2	5350.000	33.76	9.13	35.70	47.16	54.35	74.00	19.65	Peak
3	5460.000	33.94	9.25	35.70	47.64	55.13	74.00	18.87	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.

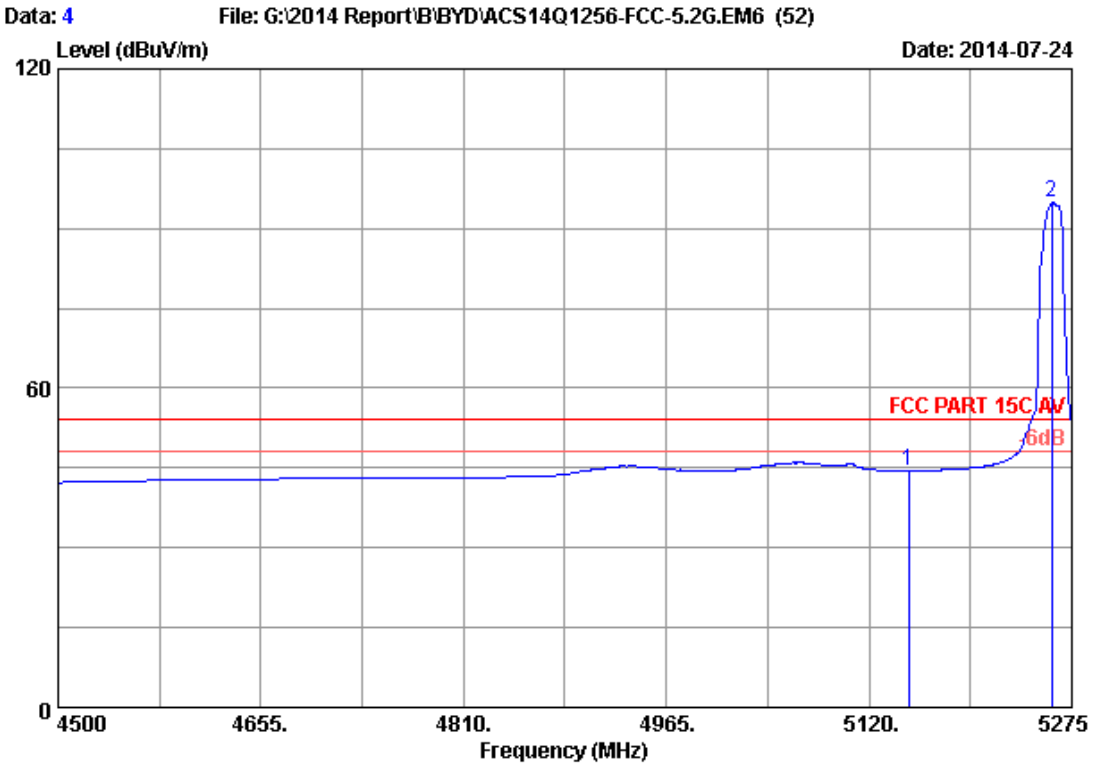
Band 2(5260-5320MHz):



Site no. : 3m Chamber Data no. : 3
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH52 5260MHz Tx
M/N : AT10-B

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	5150.000	33.44	8.92	35.70	48.55	55.21	74.00	18.79	Peak
2	5259.500	33.62	9.04	35.70	97.01	103.97	74.00	-29.97	Peak

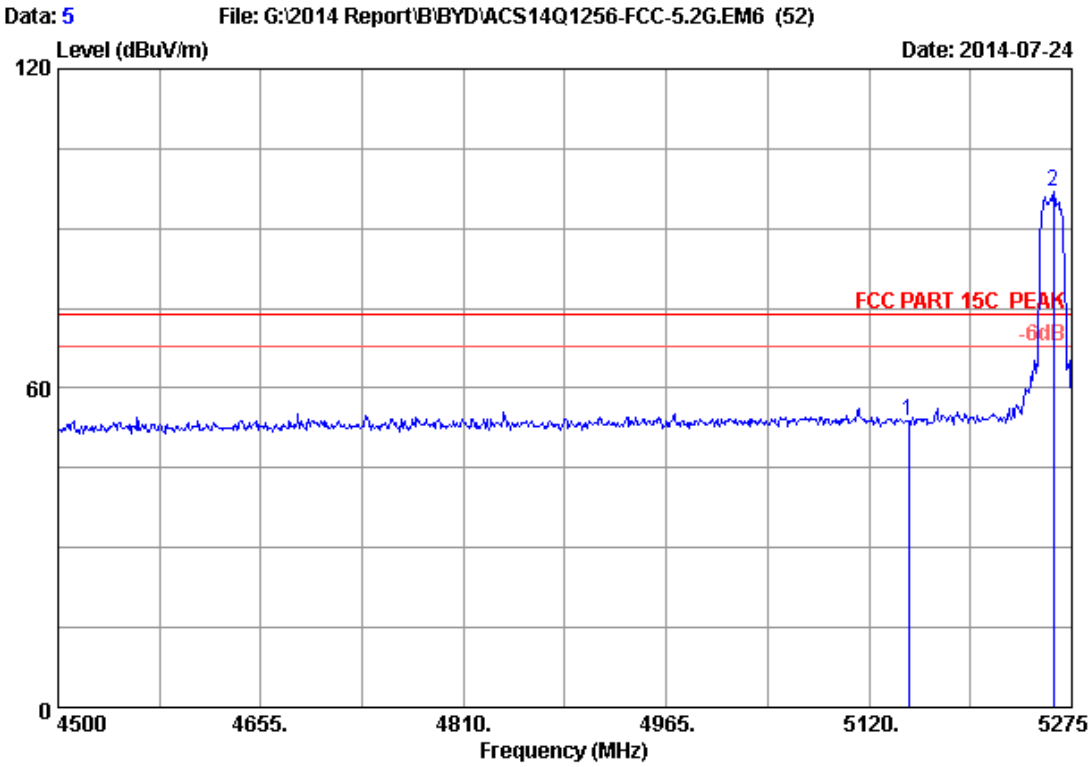
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 4
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH52 5260MHz Tx
M/N : AT10-B

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	5150.000	33.44	8.92	35.70	37.84	44.50	54.00	9.50	Average
2	5259.500	33.62	9.04	35.70	87.97	94.93	54.00	-40.93	Average

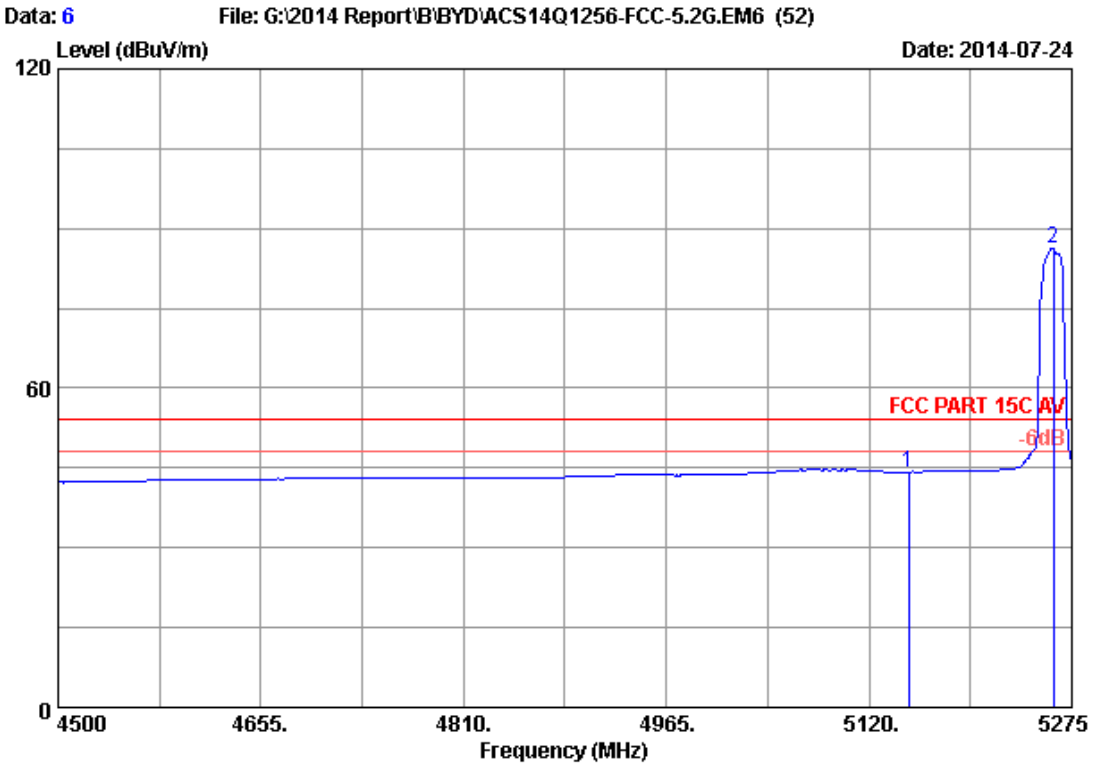
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 5
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH52 5260MHz Tx
M/N : AT10-B

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	5150.000	33.44	8.92	35.70	47.11	53.77	74.00	20.23	Peak
2	5261.050	33.62	9.04	35.70	89.95	96.91	74.00	-22.91	Peak

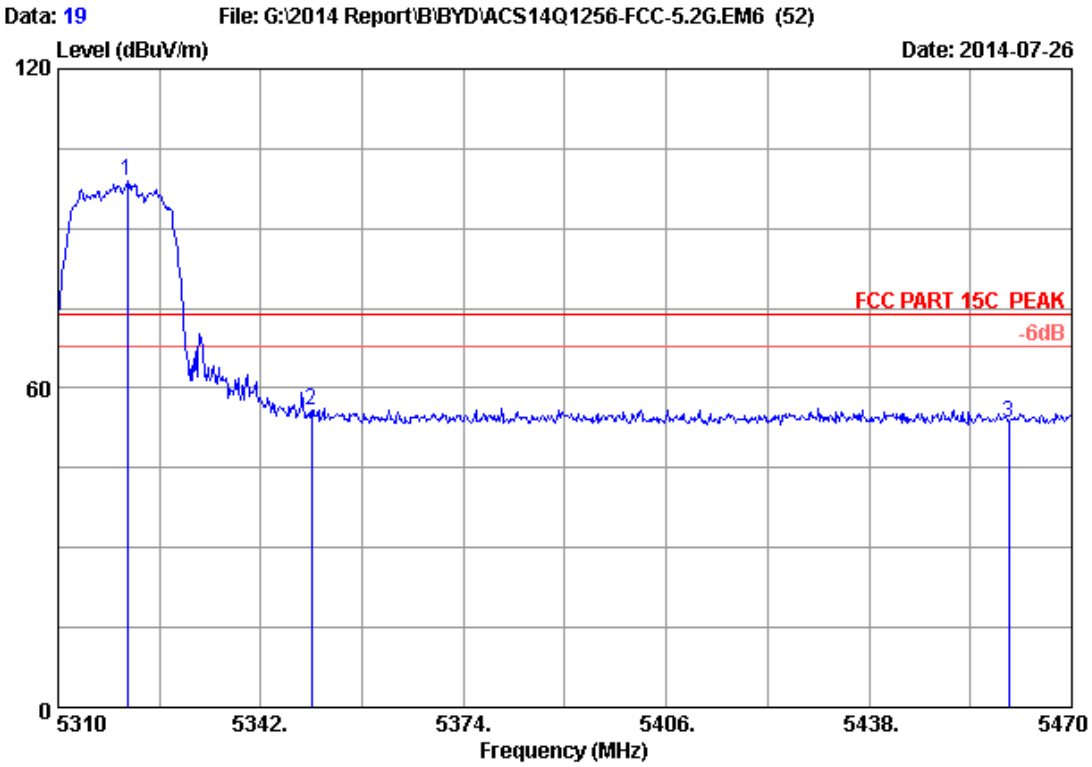
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 6
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH52 5260MHz Tx
M/N : AT10-B

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	5150.000	33.44	8.92	35.70	37.59	44.25	54.00	9.75	Average
2	5261.050	33.62	9.04	35.70	79.32	86.28	54.00	-32.28	Average

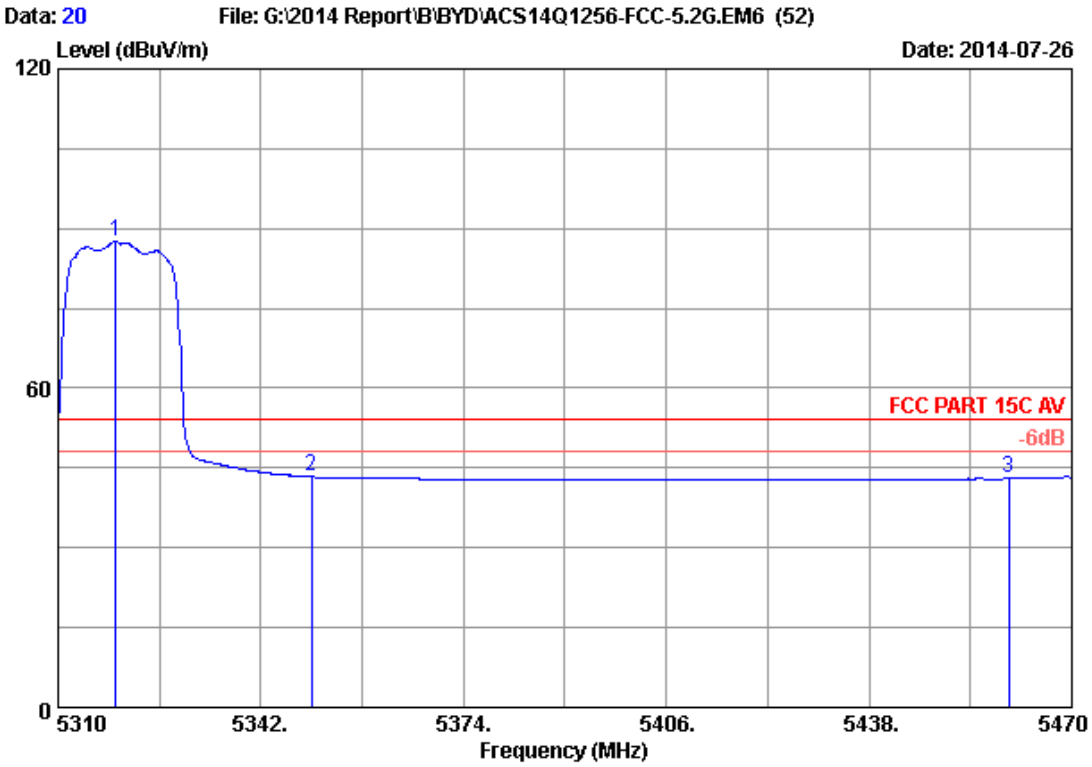
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 19
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH64 5320MHz Tx
M/N : AT10-B

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	5320.880	33.71	9.10	35.70	91.78	98.89	74.00	-24.89	Peak
2	5350.000	33.76	9.13	35.70	48.51	55.70	74.00	18.30	Peak
3	5460.000	33.94	9.25	35.70	46.07	53.56	74.00	20.44	Peak

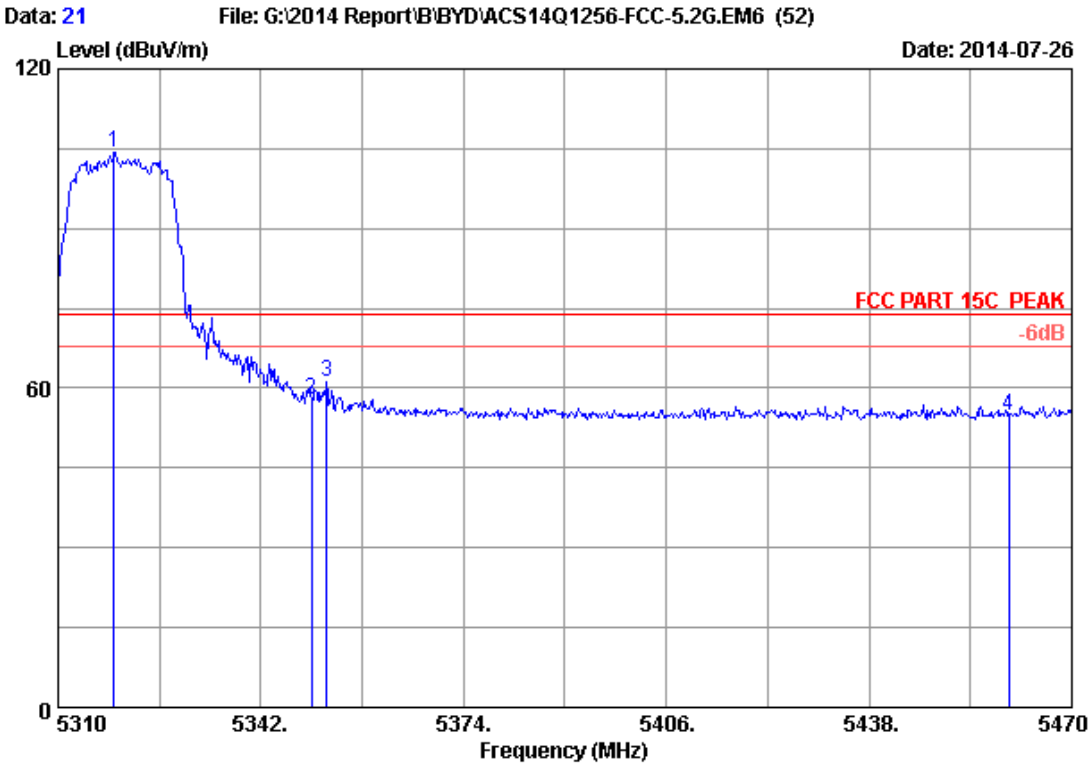
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 20
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH64 5320MHz Tx
M/N : AT10-B

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	5319.120	33.71	9.10	35.70	80.48	87.59	54.00	-33.59	Average
2	5350.000	33.76	9.13	35.70	36.15	43.34	54.00	10.66	Average
3	5460.000	33.94	9.25	35.70	35.56	43.05	54.00	10.95	Average

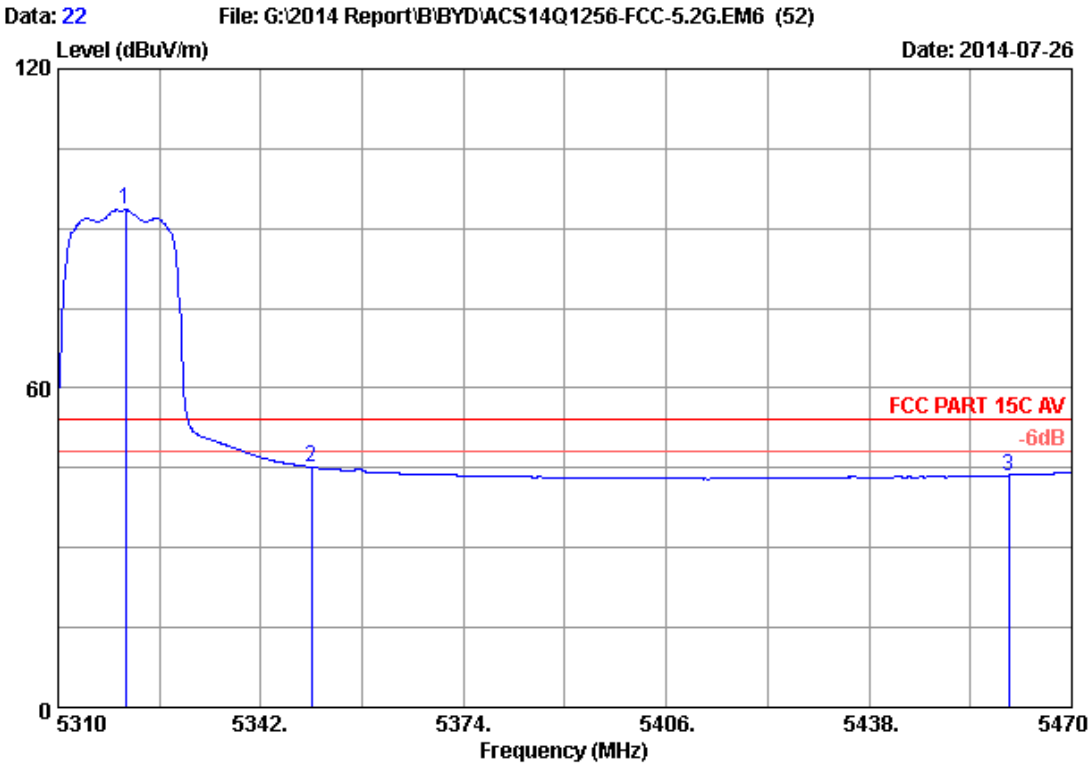
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 21
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH64 5320MHz Tx
M/N : AT10-B

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	5318.800	33.71	9.10	35.70	97.19	104.30	74.00	-30.30	Peak
2	5350.000	33.76	9.13	35.70	50.62	57.81	74.00	16.19	Peak
3	5352.400	33.76	9.13	35.70	53.88	61.07	74.00	12.93	Peak
4	5460.000	33.94	9.25	35.70	47.47	54.96	74.00	19.04	Peak

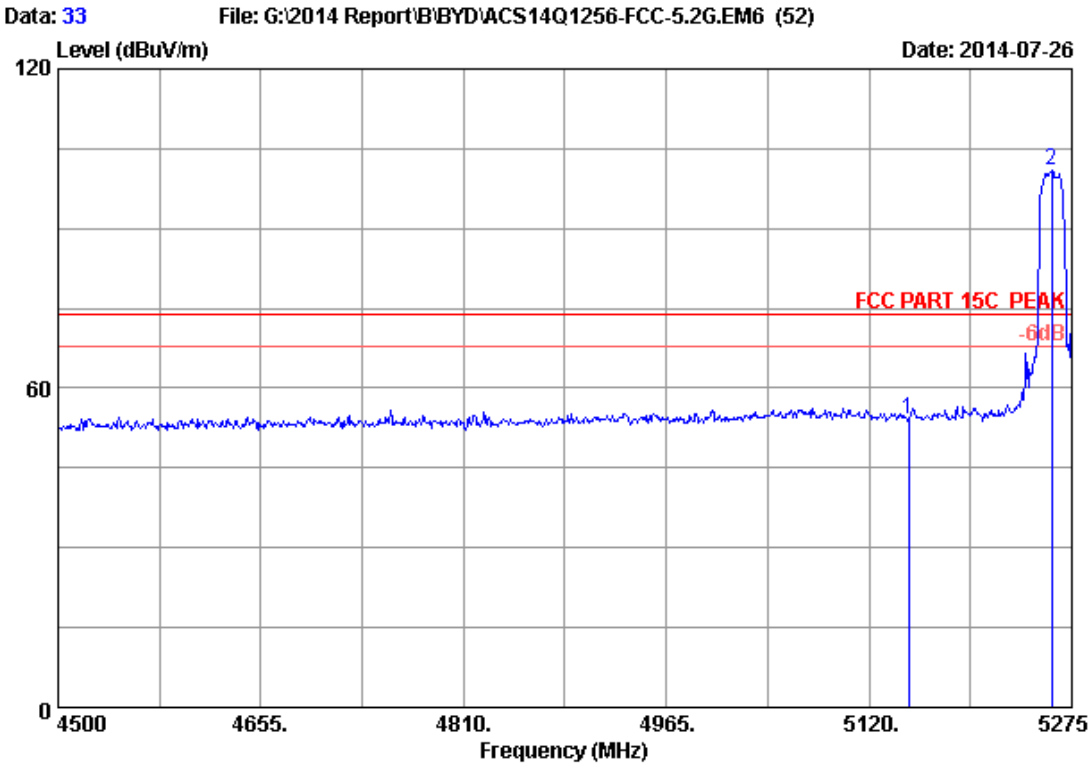
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 22
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH64 5320MHz Tx
M/N : AT10-B

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	5320.720	33.71	9.10	35.70	86.41	93.52	54.00	-39.52	Average
2	5350.000	33.76	9.13	35.70	37.94	45.13	54.00	8.87	Average
3	5460.000	33.94	9.25	35.70	36.11	43.60	54.00	10.40	Average

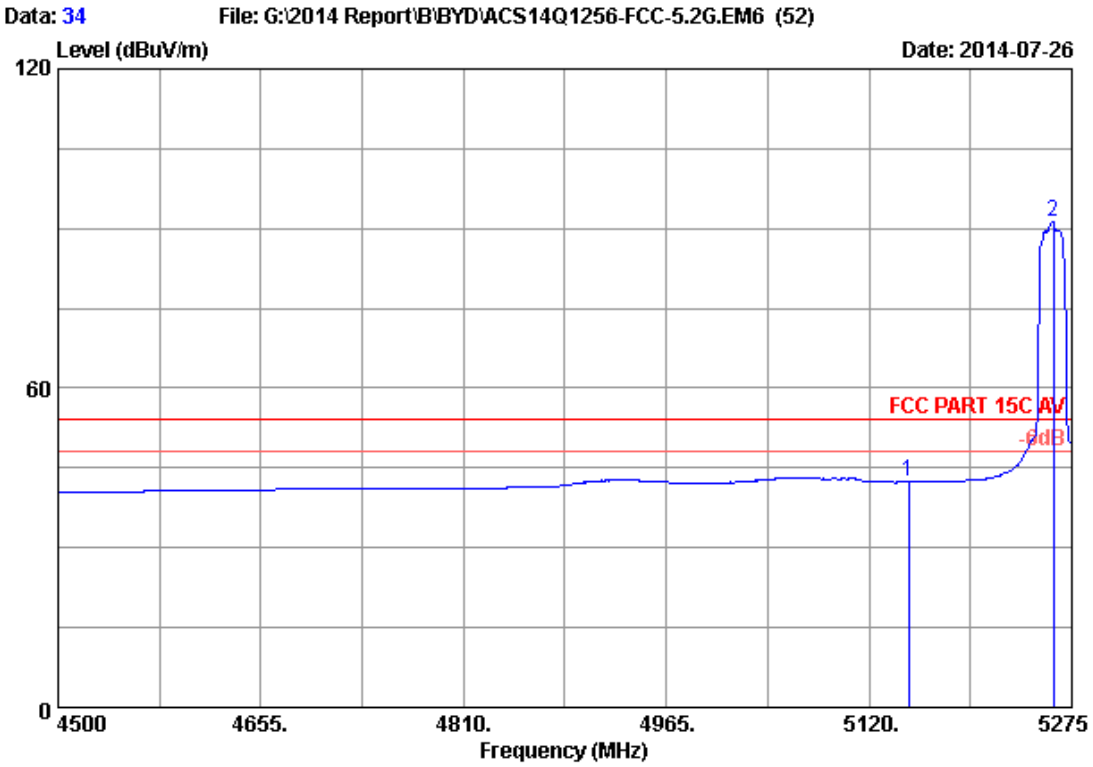
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 33
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH52 5260MHz Tx
M/N : AT10-B

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	5150.000	33.44	8.92	35.70	47.55	54.21	74.00	19.79	Peak
2	5259.500	33.62	9.04	35.70	93.93	100.89	74.00	-26.89	Peak

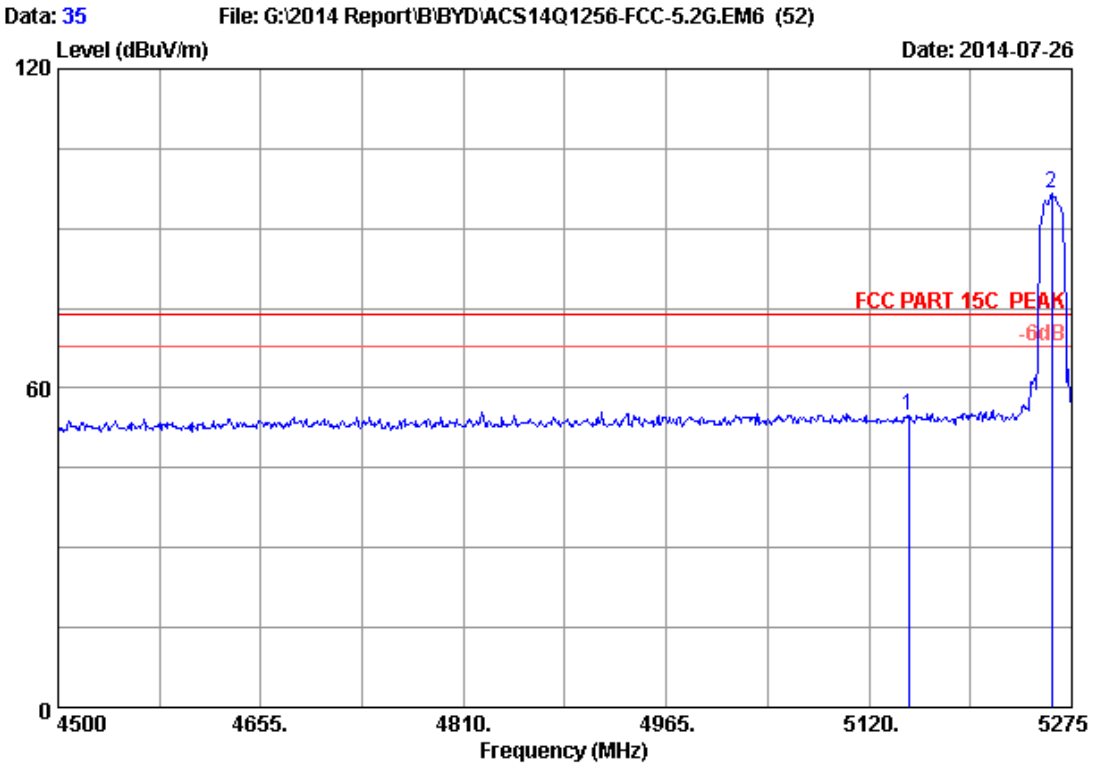
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 34
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH52 5260MHz Tx
M/N : AT10-B

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	5150.000	33.44	8.92	35.70	35.70	42.36	54.00	11.64	Average
2	5261.050	33.62	9.04	35.70	84.17	91.13	54.00	-37.13	Average

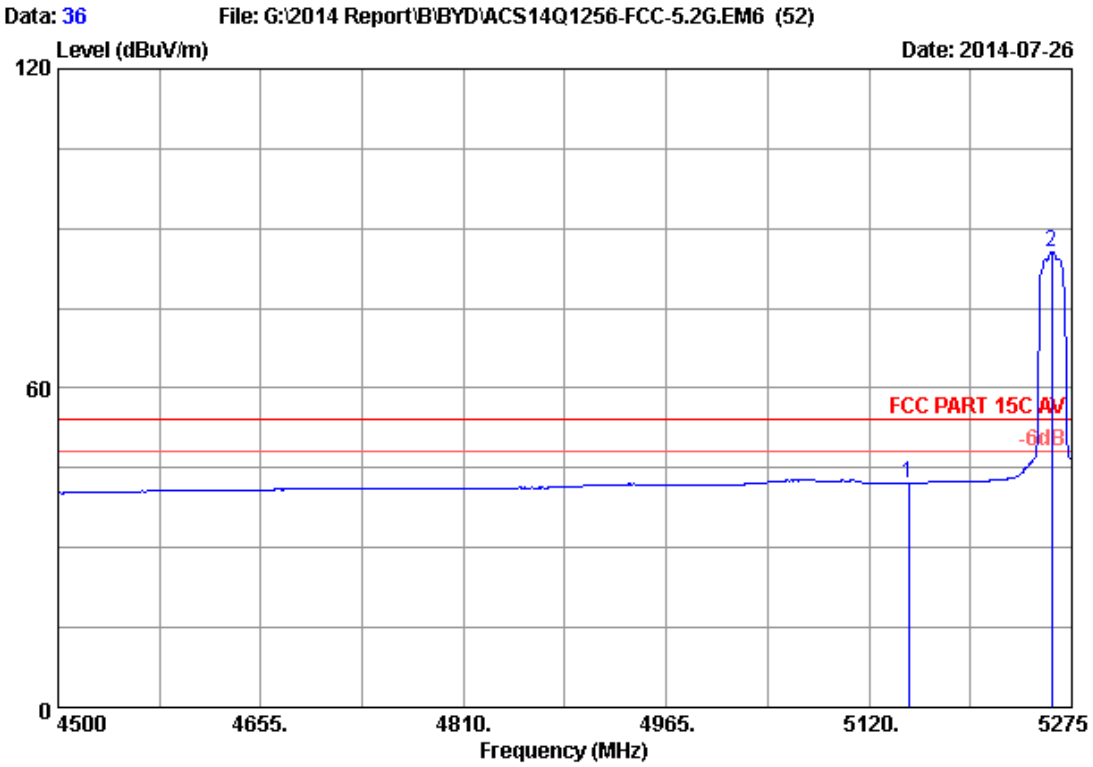
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 35
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH52 5260MHz Tx
M/N : AT10-B

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	5150.000	33.44	8.92	35.70	48.26	54.92	74.00	19.08	Peak
2	5259.500	33.62	9.04	35.70	89.52	96.48	74.00	-22.48	Peak

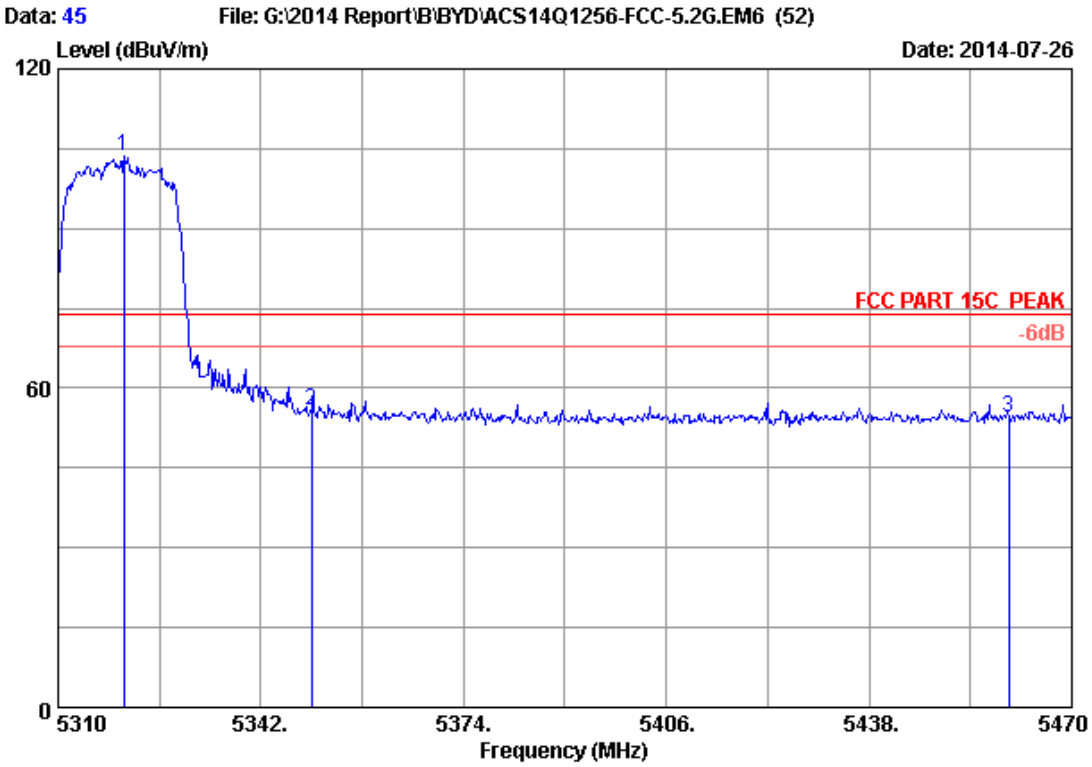
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 36
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH52 5260MHz Tx
M/N : AT10-B

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	5150.000	33.44	8.92	35.70	35.56	42.22	54.00	11.78	Average
2	5259.500	33.62	9.04	35.70	78.74	85.70	54.00	-31.70	Average

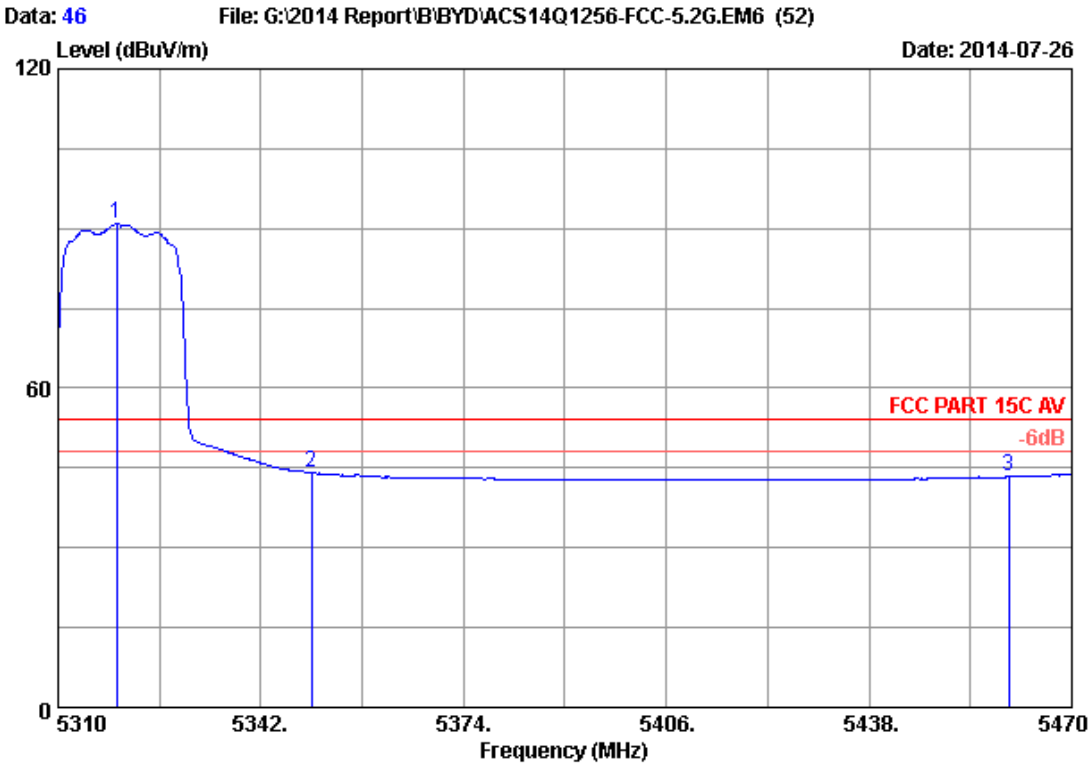
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 45
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH64 5320MHz Tx
M/N : AT10-B

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	5320.400	33.71	9.10	35.70	96.43	103.54	74.00	-29.54	Peak
2	5350.000	33.76	9.13	35.70	48.67	55.86	74.00	18.14	Peak
3	5460.000	33.94	9.25	35.70	46.90	54.39	74.00	19.61	Peak

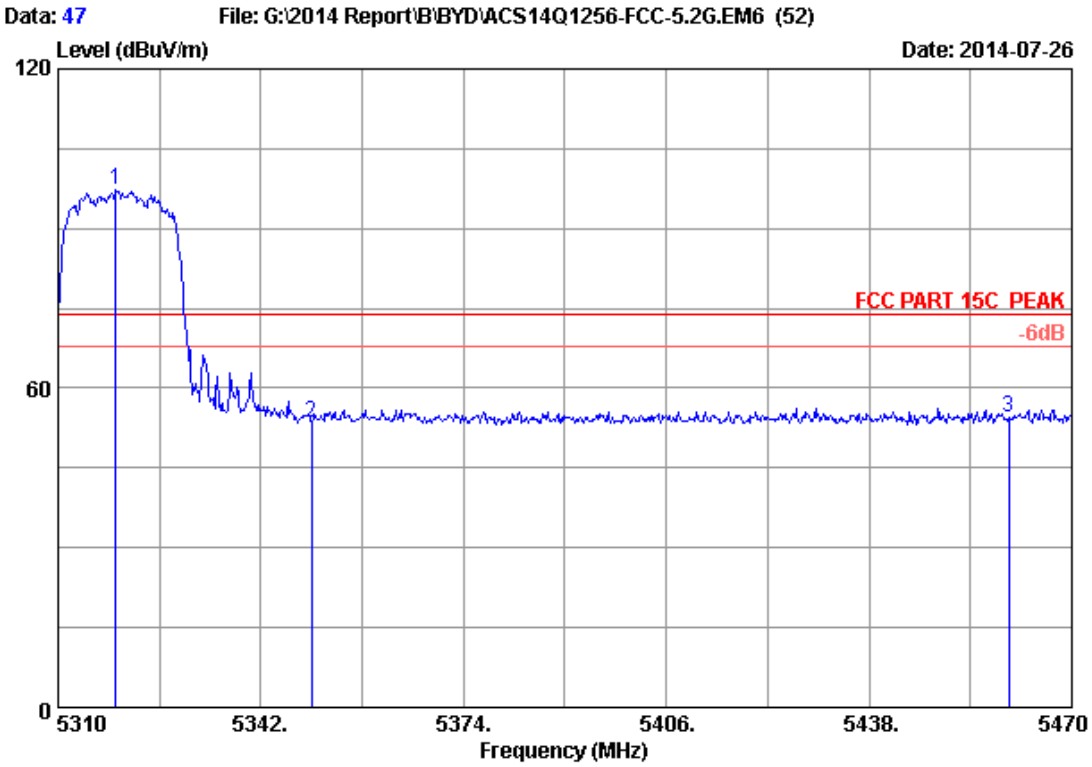
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 46
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH64 5320MHz Tx
M/N : AT10-B

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	5319.280	33.71	9.10	35.70	83.71	90.82	54.00	-36.82	Average
2	5350.000	33.76	9.13	35.70	36.91	44.10	54.00	9.90	Average
3	5460.000	33.94	9.25	35.70	35.92	43.41	54.00	10.59	Average

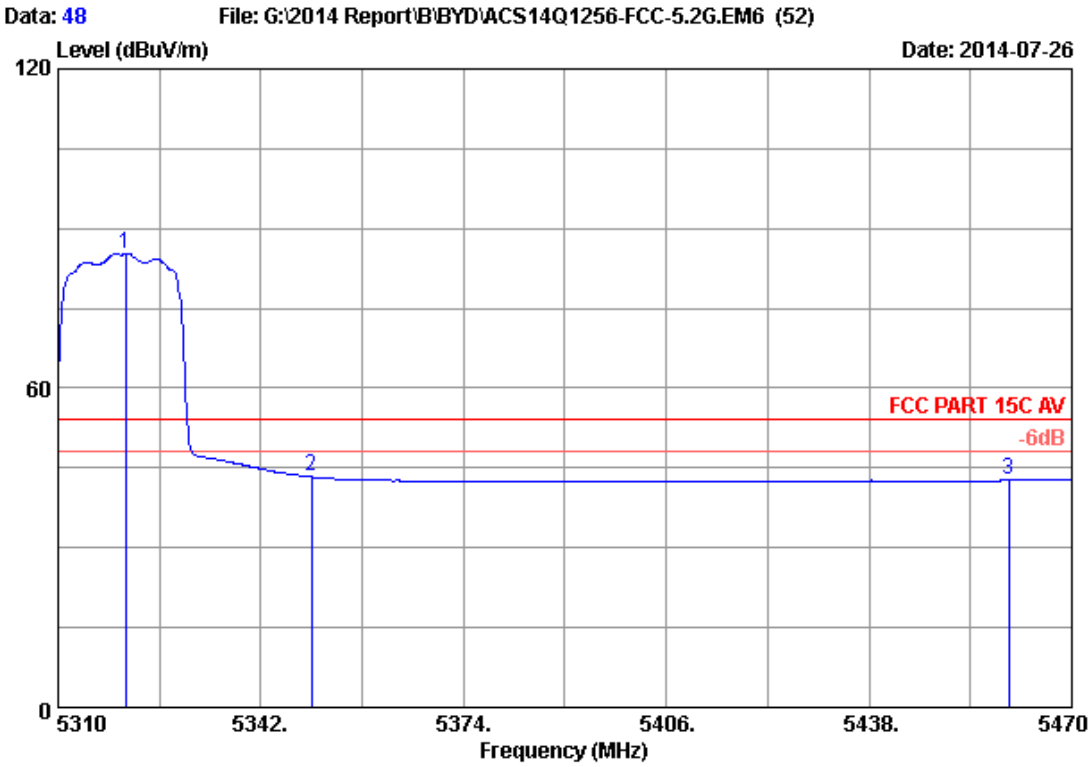
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 47
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH64 5320MHz Tx
M/N : AT10-B

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	5319.120	33.71	9.10	35.70	90.30	97.41	74.00	-23.41	Peak
2	5350.000	33.76	9.13	35.70	46.37	53.56	74.00	20.44	Peak
3	5460.000	33.94	9.25	35.70	47.11	54.60	74.00	19.40	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.

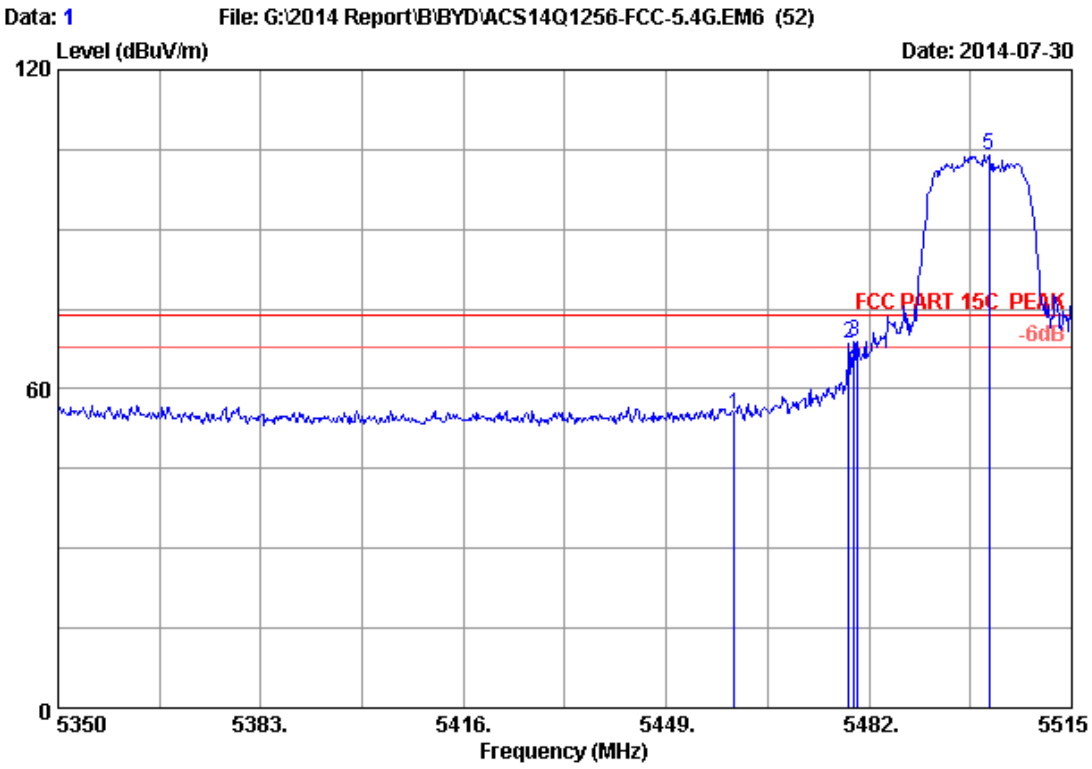


Site no. : 3m Chamber Data no. : 48
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH64 5320MHz Tx
M/N : AT10-B

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	5320.720	33.71	9.10	35.70	78.24	85.35	54.00	-31.35	Average
2	5350.000	33.76	9.13	35.70	36.12	43.31	54.00	10.69	Average
3	5460.000	33.94	9.25	35.70	35.16	42.65	54.00	11.35	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.

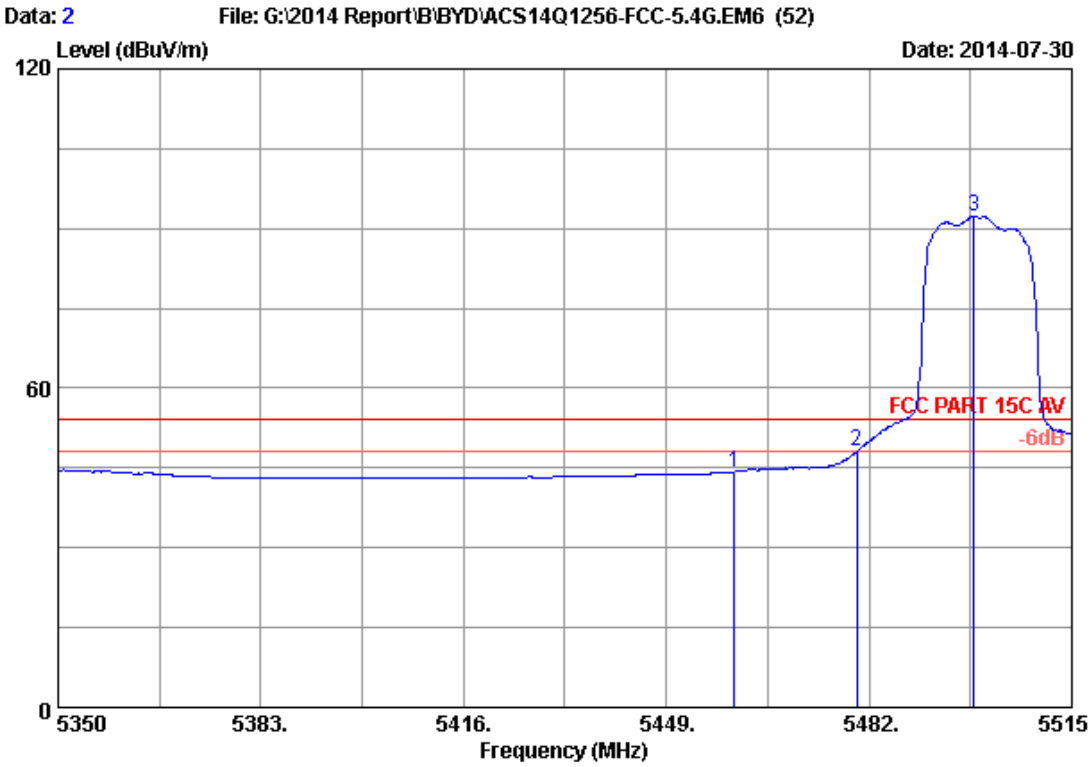
Band 3(5500-5700MHz):



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 : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH100 5500MHz Tx
M/N : AT10-B

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	5460.000	33.94	9.25	35.70	47.53	55.02	74.00	18.98	Peak
2	5478.700	33.97	9.27	35.70	60.97	68.51	74.00	5.49	Peak
3	5479.525	33.97	9.27	35.70	61.26	68.80	74.00	5.20	Peak
4	5480.000	33.97	9.27	35.70	57.25	64.79	74.00	9.21	Peak
5	5501.470	34.00	9.29	35.70	96.44	104.03	74.00	-30.03	Peak

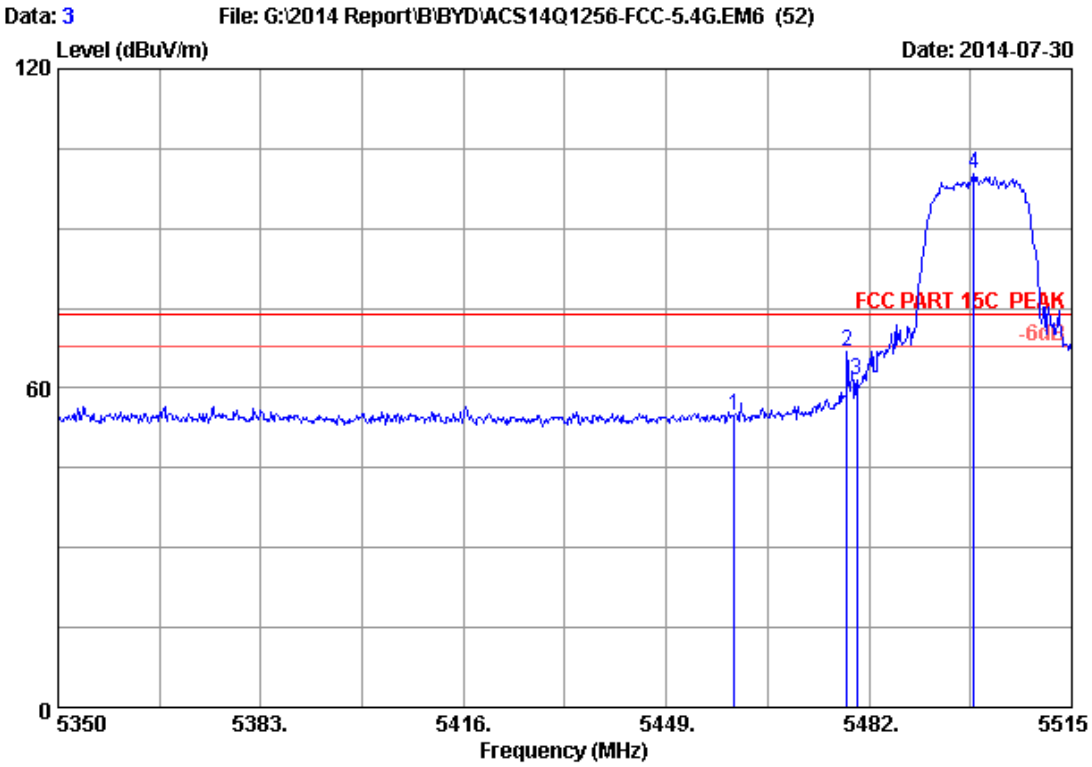
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 2
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH100 5500MHz Tx
M/N : AT10-B

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	5460.000	33.94	9.25	35.70	36.77	44.26	54.00	9.74	Average
2	5480.000	33.97	9.27	35.70	40.60	48.14	54.00	5.86	Average
3	5498.995	34.00	9.29	35.70	84.81	92.40	54.00	-38.40	Average

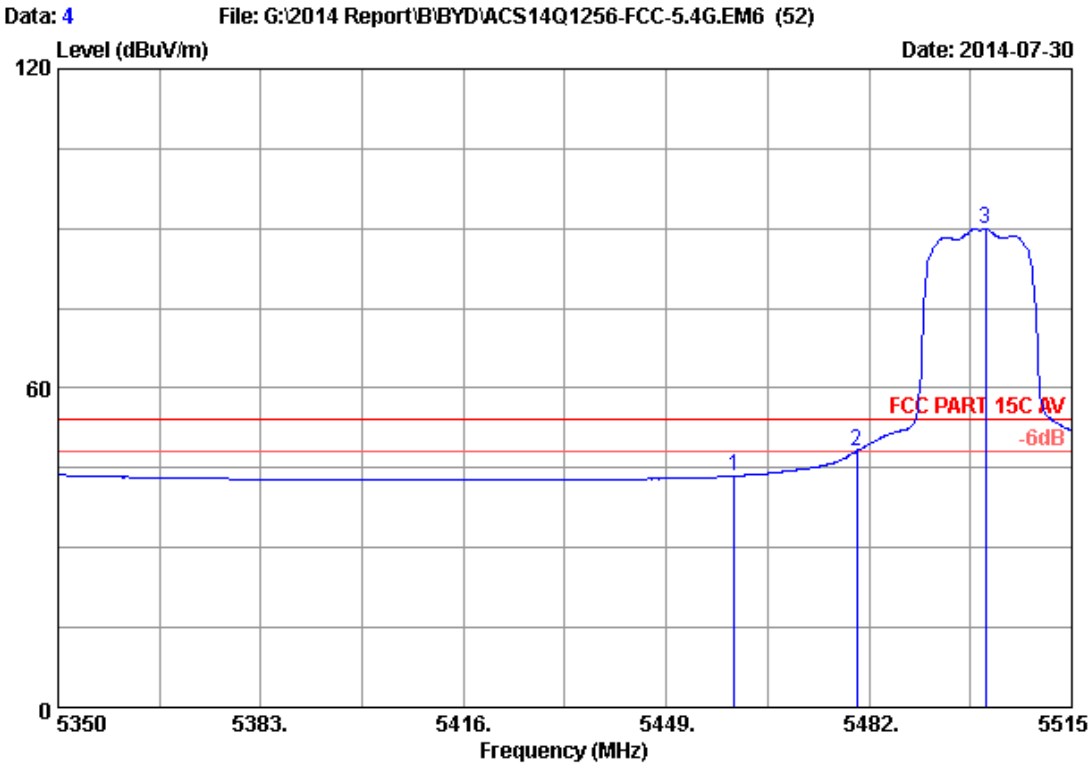
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 3
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH100 5500MHz Tx
M/N : AT10-B

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	5460.000	33.94	9.25	35.70	47.36	54.85	74.00	19.15	Peak
2	5478.370	33.97	9.27	35.70	59.43	66.97	74.00	7.03	Peak
3	5480.000	33.97	9.27	35.70	53.82	61.36	74.00	12.64	Peak
4	5498.995	34.00	9.29	35.70	92.76	100.35	74.00	-26.35	Peak

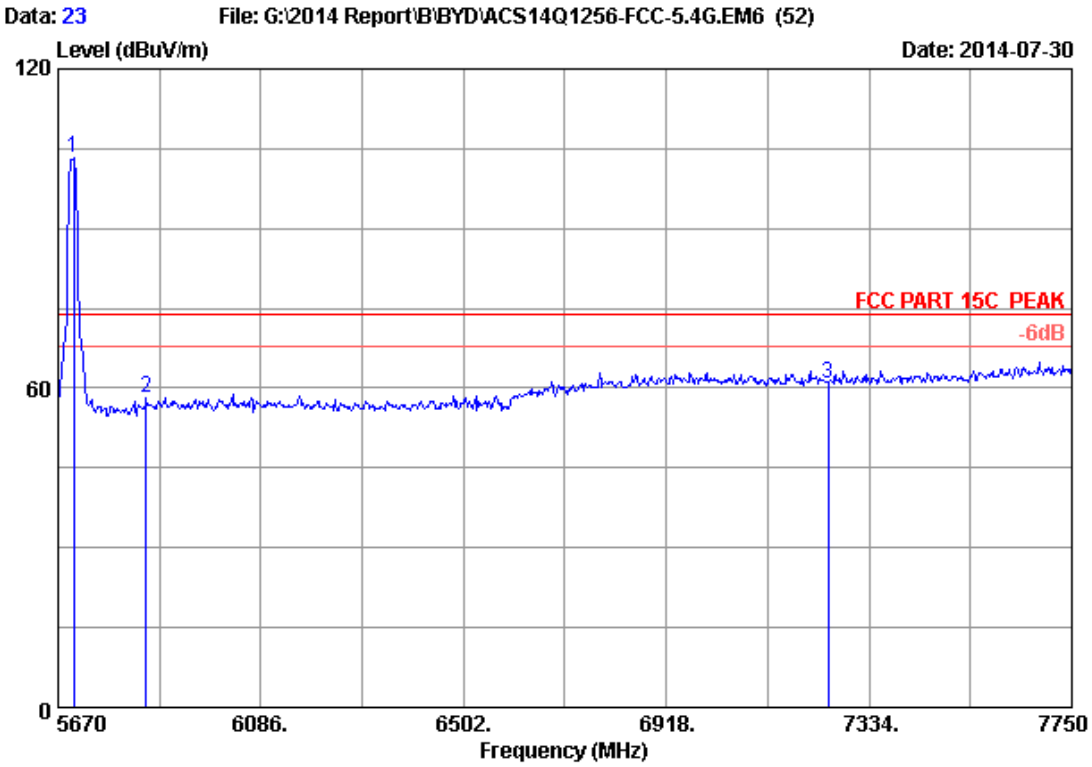
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 4
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH100 5500MHz Tx
M/N : AT10-B

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	5460.000	33.94	9.25	35.70	35.96	43.45	54.00	10.55	Average
2	5480.000	33.97	9.27	35.70	40.67	48.21	54.00	5.79	Average
3	5500.975	34.00	9.29	35.70	82.42	90.01	54.00	-36.01	Average

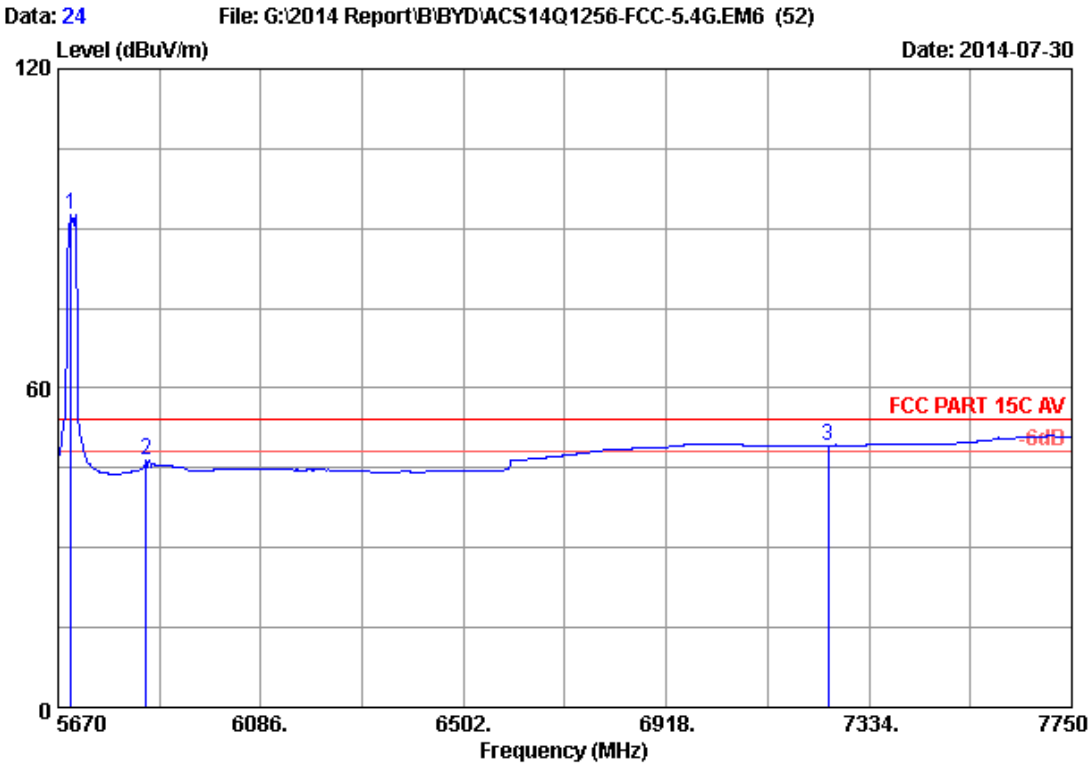
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 23
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH140 5700MHz Tx
M/N : AT10-B

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	5701.200	34.08	9.50	35.70	95.38	103.26	74.00	-29.26	Peak
2	5850.000	34.14	9.66	35.70	49.93	58.03	74.00	15.97	Peak
3	7250.000	36.05	10.99	35.45	49.37	60.96	74.00	13.04	Peak

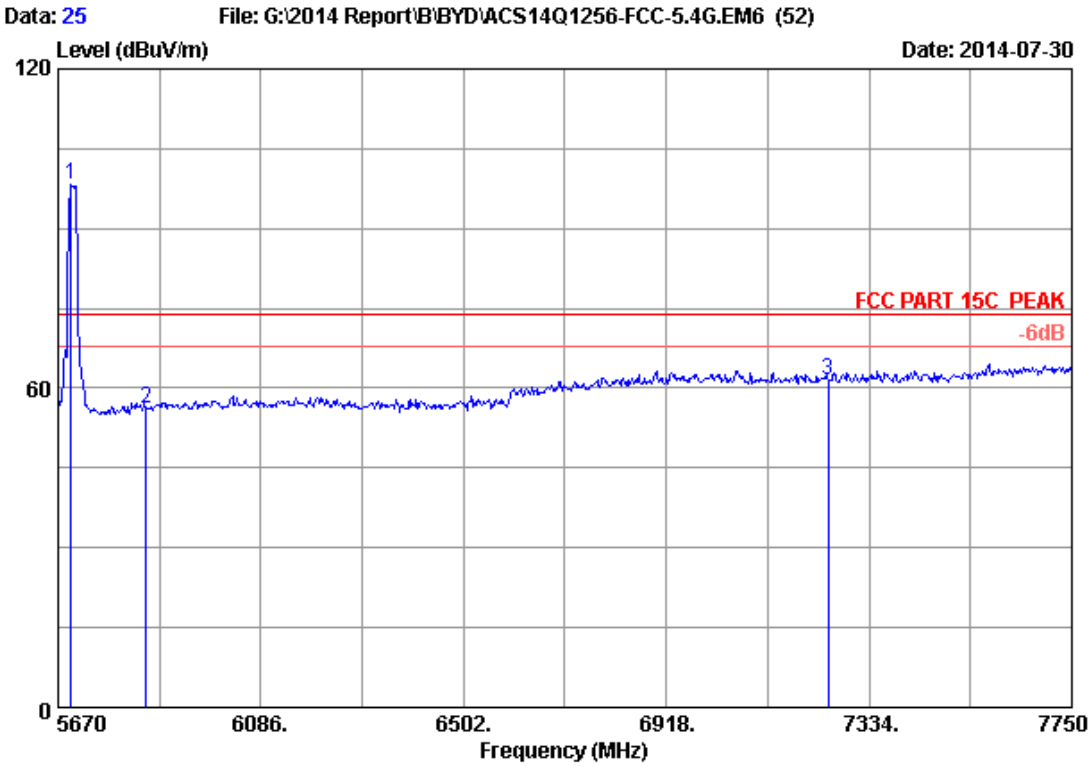
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 24
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C 9K-30M
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH140 5700MHz Tx
M/N : AT10-B

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	5697.040	34.08	9.50	35.70	84.81	92.69	54.00	-38.69	Average
2	5850.000	34.14	9.66	35.70	38.39	46.49	54.00	7.51	Average
3	7250.000	36.05	10.99	35.45	37.68	49.27	54.00	4.73	Average

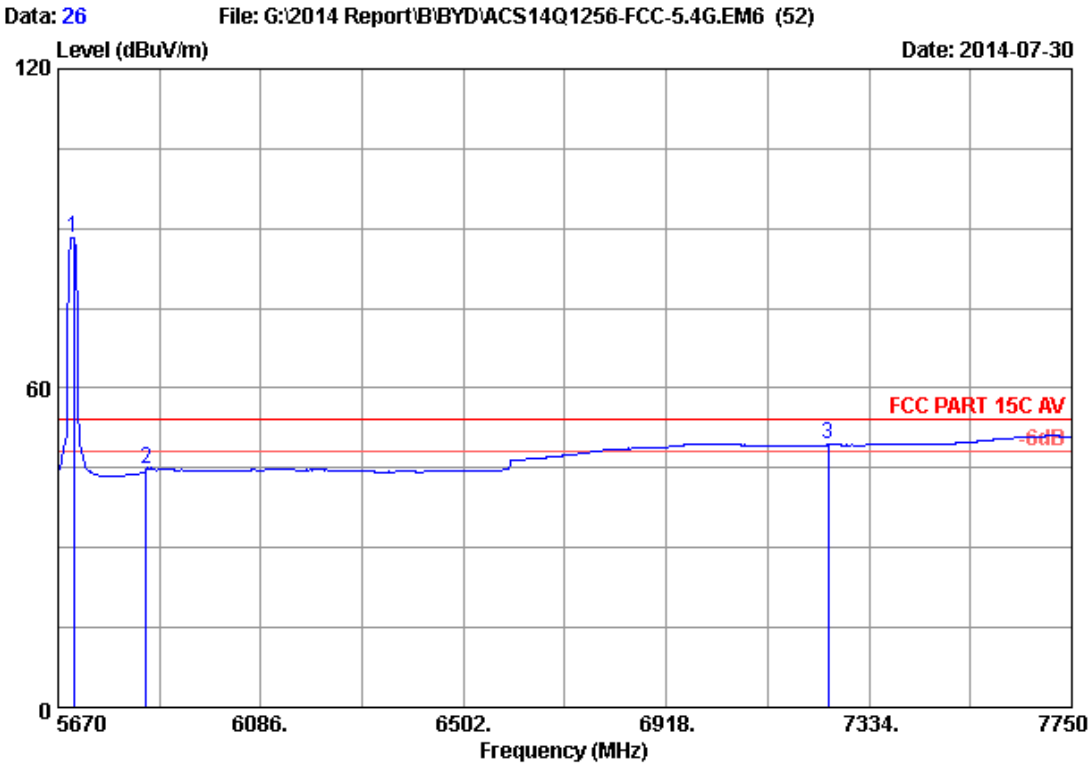
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 25
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH140 5700MHz Tx
M/N : AT10-B

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	5697.040	34.08	9.50	35.70	90.33	98.21	74.00	-24.21	Peak
2	5850.000	34.14	9.66	35.70	48.12	56.22	74.00	17.78	Peak
3	7250.000	36.05	10.99	35.45	49.76	61.35	74.00	12.65	Peak

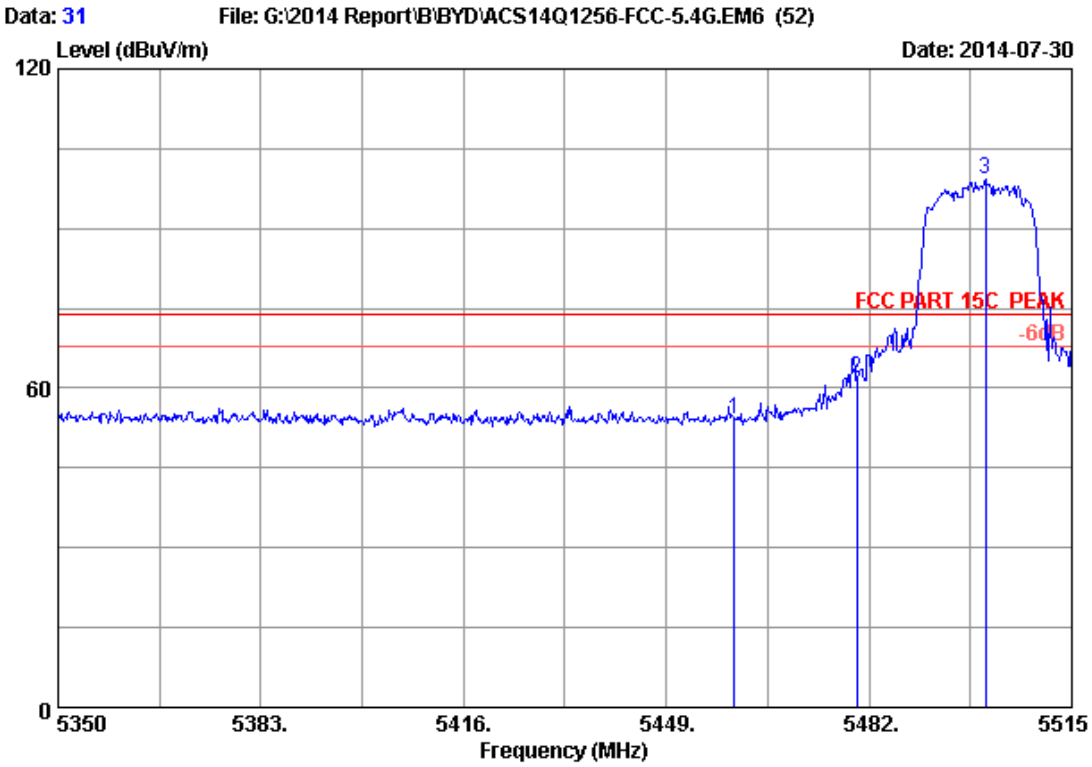
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 26
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11a CH140 5700MHz Tx
M/N : AT10-B

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	5701.200	34.08	9.50	35.70	80.48	88.36	54.00	-34.36	Average
2	5850.000	34.14	9.66	35.70	36.79	44.89	54.00	9.11	Average
3	7250.000	36.05	10.99	35.45	37.73	49.32	54.00	4.68	Average

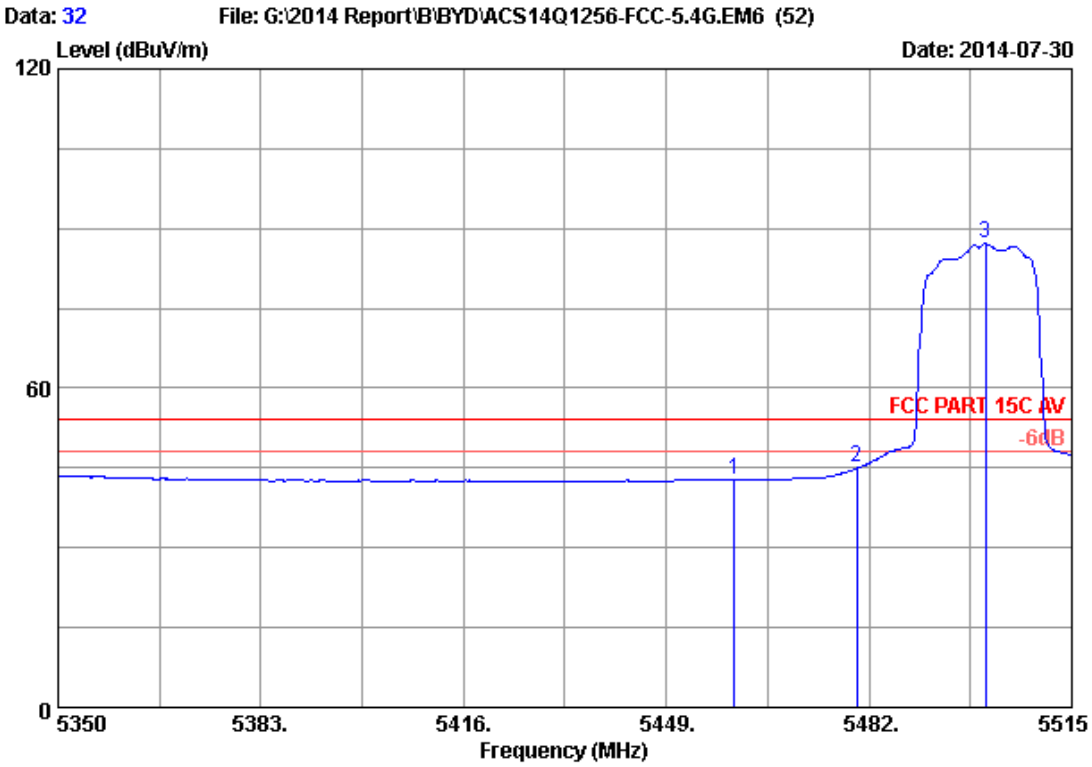
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 31
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH100 5500MHz Tx
M/N : AT10-B

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	5460.000	33.94	9.25	35.70	46.81	54.30	74.00	19.70	Peak
2	5480.000	33.97	9.27	35.70	54.34	61.88	74.00	12.12	Peak
3	5500.975	34.00	9.29	35.70	91.55	99.14	74.00	-25.14	Peak

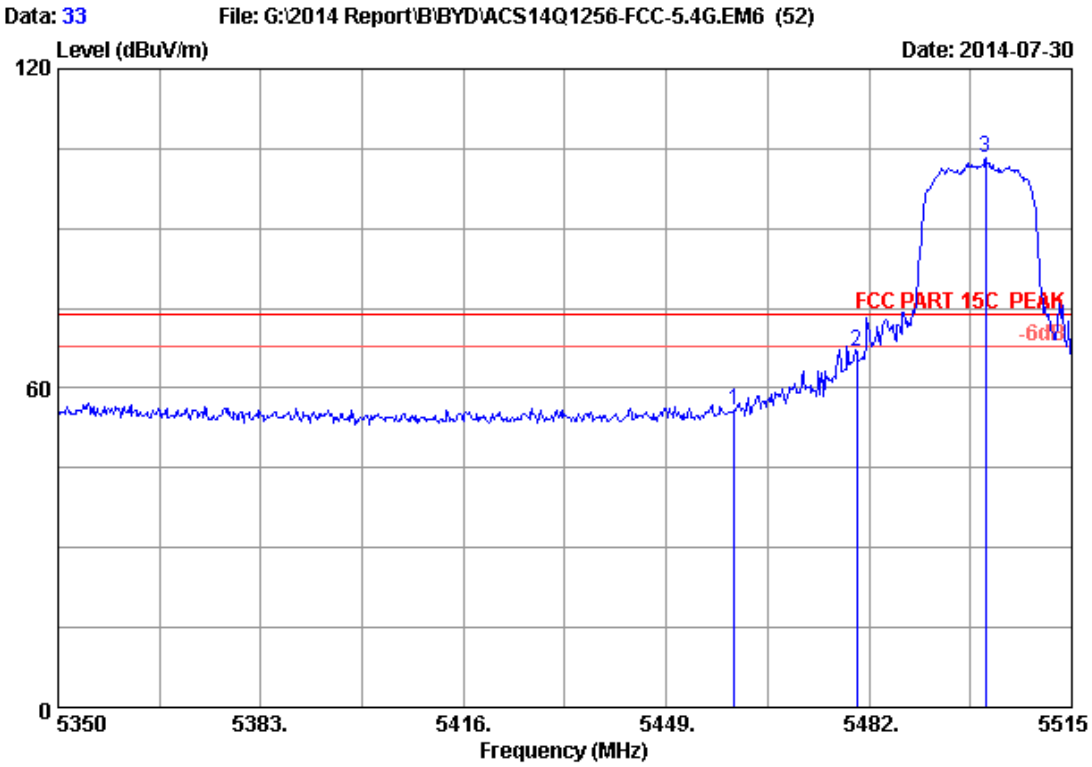
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 32
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH100 5500MHz Tx
M/N : AT10-B

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	5460.000	33.94	9.25	35.70	35.27	42.76	54.00	11.24	Average
2	5480.000	33.97	9.27	35.70	37.44	44.98	54.00	9.02	Average
3	5500.975	34.00	9.29	35.70	79.57	87.16	54.00	-33.16	Average

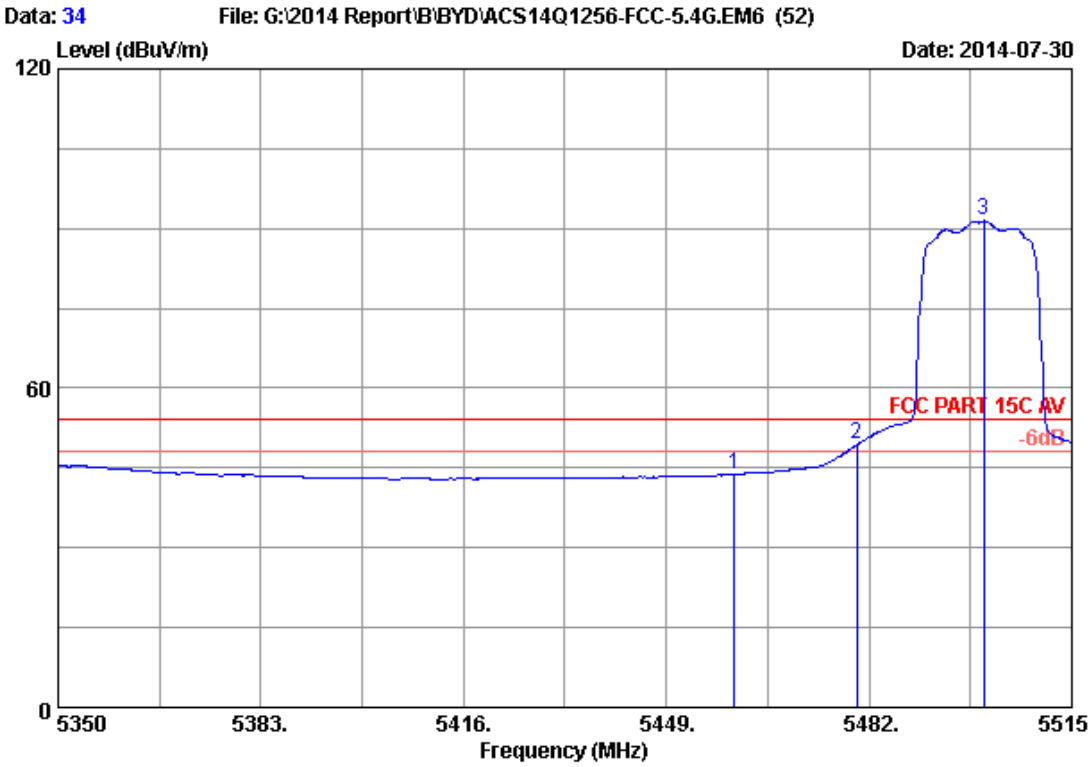
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 33
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH100 5500MHz Tx
M/N : AT10-B

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	5460.000	33.94	9.25	35.70	48.50	55.99	74.00	18.01	Peak
2	5480.000	33.97	9.27	35.70	59.42	66.96	74.00	7.04	Peak
3	5500.975	34.00	9.29	35.70	95.56	103.15	74.00	-29.15	Peak

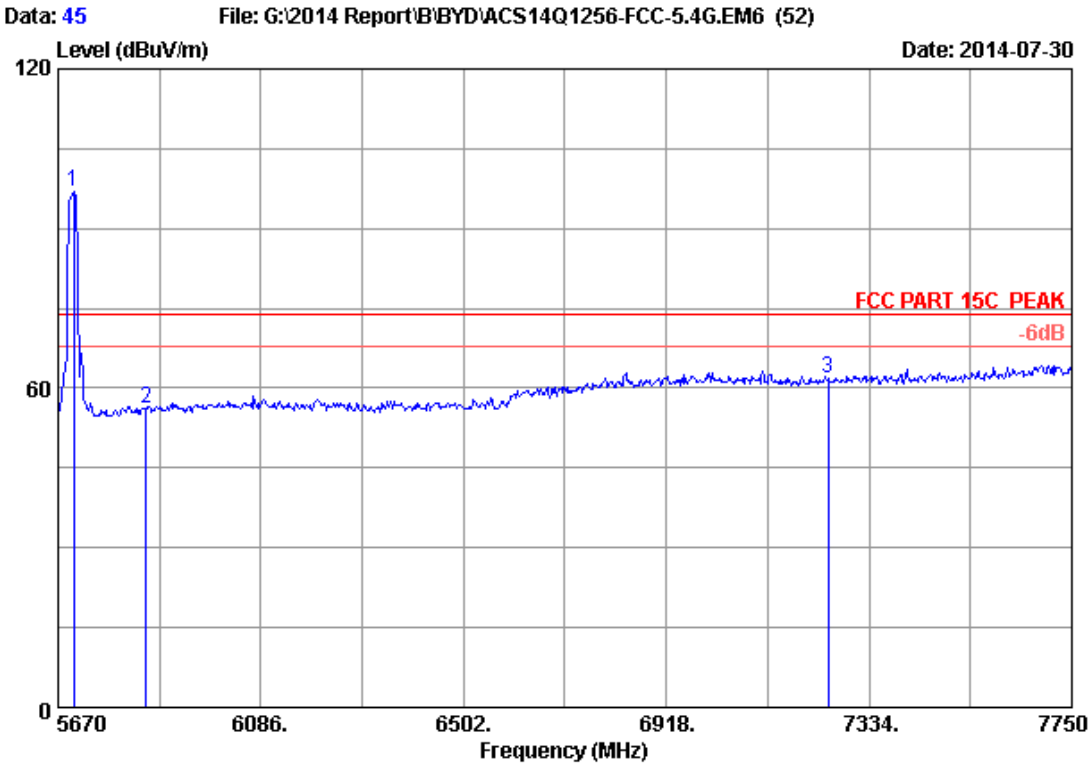
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 34
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH100 5500MHz Tx
M/N : AT10-B

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	5460.000	33.94	9.25	35.70	36.28	43.77	54.00	10.23	Average
2	5480.000	33.97	9.27	35.70	41.96	49.50	54.00	4.50	Average
3	5500.645	34.00	9.29	35.70	83.85	91.44	54.00	-37.44	Average

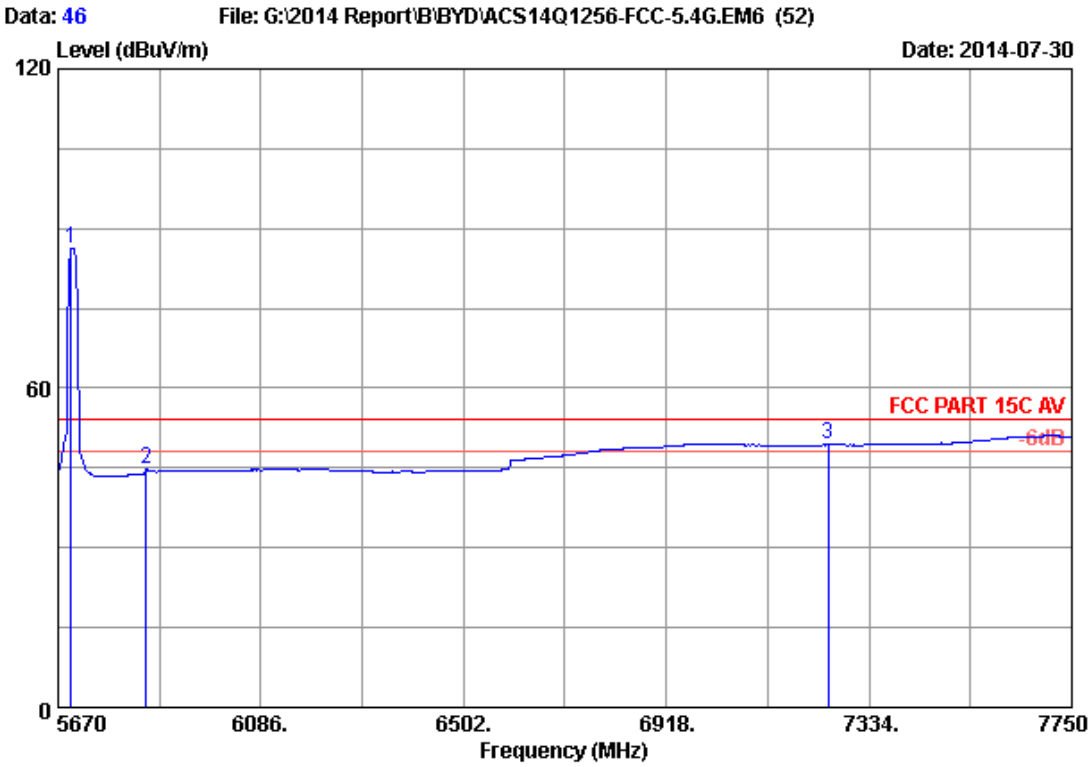
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 45
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH140 5700MHz Tx
M/N : AT10-B

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	5701.200	34.08	9.50	35.70	89.06	96.94	74.00	-22.94	Peak
2	5850.000	34.14	9.66	35.70	47.97	56.07	74.00	17.93	Peak
3	7250.000	36.05	10.99	35.45	50.11	61.70	74.00	12.30	Peak

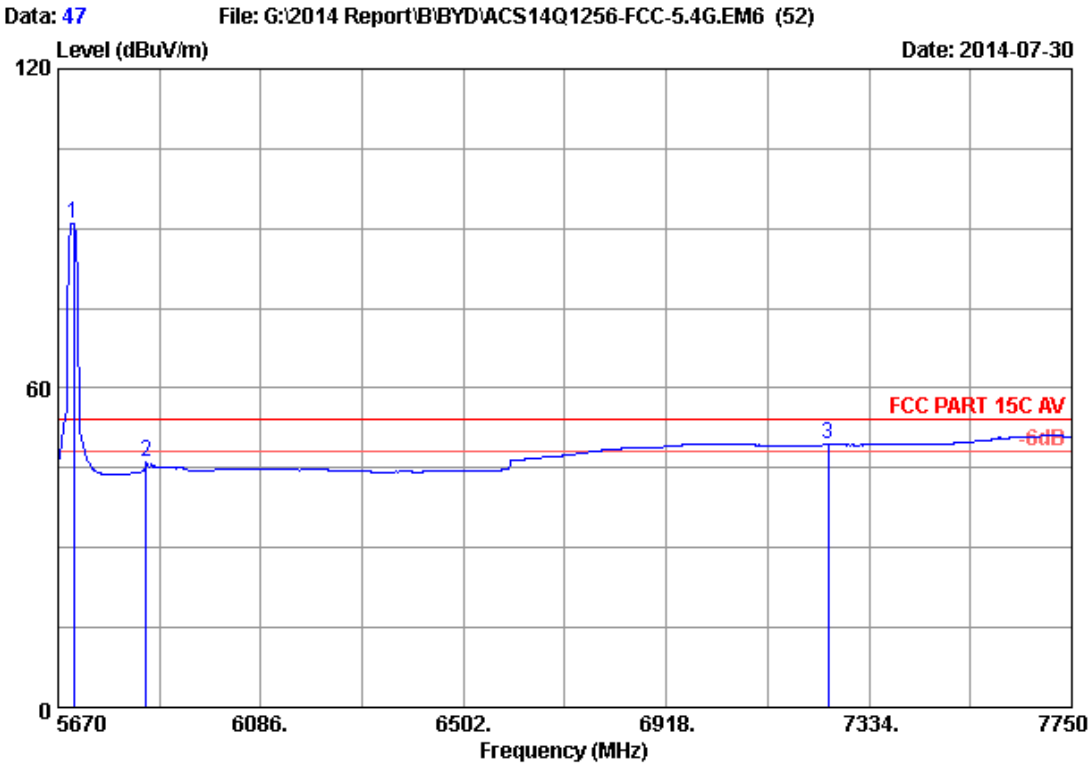
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 46
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH140 5700MHz Tx
M/N : AT10-B

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	5697.040	34.08	9.50	35.70	78.49	86.37	54.00	-32.37	Average
2	5850.000	34.14	9.66	35.70	36.54	44.64	54.00	9.36	Average
3	7250.000	36.05	10.99	35.45	37.74	49.33	54.00	4.67	Average

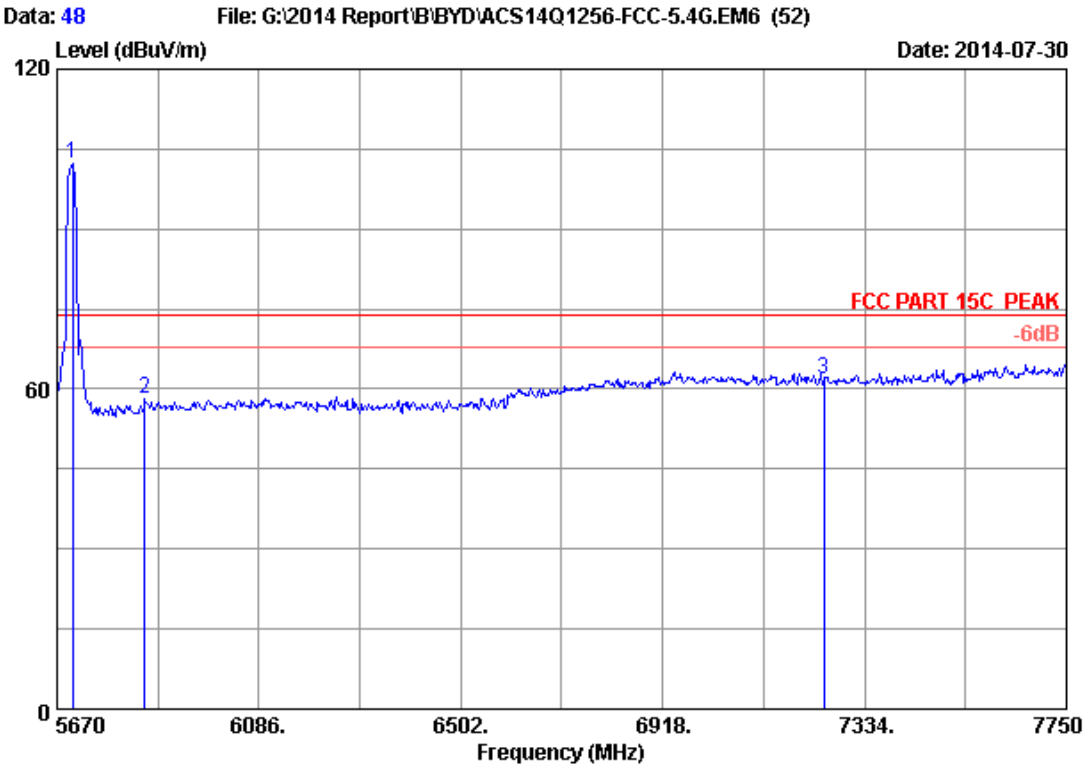
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 47
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH140 5700MHz Tx
M/N : AT10-B

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	5701.200	34.08	9.50	35.70	83.05	90.93	54.00	-36.93	Average
2	5850.000	34.14	9.66	35.70	37.86	45.96	54.00	8.04	Average
3	7250.000	36.05	10.99	35.45	37.74	49.33	54.00	4.67	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. : 48
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 24*C/56% Engineer : Kevin_HMJ
EUT : Tablet PC
Power Rating : DC 5V From Adapter Input AC 120V/60Hz
Test Mode : IEEE802.11nHT20 CH140 5700MHz Tx
M/N : AT10-B

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	5701.200	34.08	9.50	35.70	94.27	102.15	74.00	-28.15	Peak
2	5850.000	34.14	9.66	35.70	50.05	58.15	74.00	15.85	Peak
3	7250.000	36.05	10.99	35.45	50.21	61.80	74.00	12.20	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.

6. 20dB & 26dB Bandwidth Test

6.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	N9030A	MY51380221	Oct.31, 13	1 Year
2.	Attenuator (20dB)	Agilent	8491B	MY39262165	Apr. 28,14	1 Year
3.	RF Cable	Hubersuhner	SUCOFLEX102	28620/2	Apr. 28,14	1 Year

6.2.Limit

No limit

6.3.Test Procedure

The transmitter output was connected to a spectrum analyzer, The bandwidth of the fundamental frequency was measured by spectrum analyzer with 300kHz RBW and 1 MHz VBW. The 26dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 26dB.

6.4.Test Results

Band 1(5150-5250MHz):
20dB bandwidth

EUT: Tablet PC		
M/N: AT10-B		
Test date: 2014-07-26	Pressure: 101.3±1.0 kpa	Humidity:51.2±3.0%
Tested by: Kevin_Hu	Test site: RF site	Temperature:22.1±0.6 ℃

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	Frequency （MHz）	20dB bandwidth （MHz）	Limit (KHz)
11a	5180	18.17	N/A
	5200	18.10	N/A
	5240	18.14	N/A
11n HT20	5180	18.70	N/A
	5200	18.71	N/A
	5240	18.62	N/A
Conclusion：PASS			

26dB bandwidth

EUT: Tablet PC		
M/N: AT10-B		
Test date: 2014-07-26	Pressure: 101.2±1.0 kpa	Humidity:51.2±3.0%
Tested by: Kevin_Hu	Test site: RF site	Temperature:22.1±0.6 ℃

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	Frequency （MHz）	26dB bandwidth （MHz）	Limit (KHz)
11a	5180	18.86	N/A
	5200	18.88	N/A
	5240	18.90	N/A
11n HT20	5180	19.31	N/A
	5200	19.34	N/A
	5240	19.18	N/A
Conclusion：PASS			

Band 2(5260-5320MHz):
20dB bandwidth

EUT: Tablet PC		
M/N: AT10-B		
Test date: 2014-07-26	Pressure: 101.2±1.0 kpa	Humidity:51.4±3.0%
Tested by: Kevin_Hu	Test site: RF site	Temperature:22.3±0.6 ℃

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	Frequency （MHz）	20dB bandwidth （MHz）	Limit (KHz)
11a	5260	17.99	N/A
	5300	18.22	N/A
	5320	18.00	N/A
11n HT20	5260	18.50	N/A
	5300	18.56	N/A
	5320	18.65	N/A
Conclusion：PASS			

26dB bandwidth

EUT: Tablet PC		
M/N: AT10-B		
Test date: 2014-07-26	Pressure: 101.1±1.0 kpa	Humidity:51.0±3.0%
Tested by: Kevin_Hu	Test site: RF site	Temperature:22.1±0.6 ℃

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	Frequency （MHz）	26dB bandwidth （MHz）	Limit (KHz)
11a	5260	18.84	N/A
	5300	19.04	N/A
	5320	18.82	N/A
11n HT20	5260	19.17	N/A
	5300	19.18	N/A
	5320	19.11	N/A
Conclusion：PASS			

Band 3(5500-5700MHz):
20dB bandwidth

EUT: Tablet PC		
M/N: AT10-B		
Test date: 2014-07-26	Pressure: 101.3±1.0 kpa	Humidity:51.2±3.0%
Tested by: Kevin_Hu	Test site: RF site	Temperature:22.1±0.6 ℃

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	Frequency （MHz）	20dB bandwidth （MHz）	Limit (KHz)
11a	5500	18.18	N/A
	5600	18.03	N/A
	5700	18.02	N/A
11n HT20	5500	18.72	N/A
	5600	18.67	N/A
	5700	18.68	N/A
Conclusion：PASS			

26dB bandwidth

EUT: Tablet PC		
M/N: AT10-B		
Test date: 2014-07-26	Pressure: 101.5±1.0 kpa	Humidity:51.3±3.0%
Tested by: Kevin_Hu	Test site: RF site	Temperature:22.1±0.6 ℃

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	Frequency （MHz）	26dB bandwidth （MHz）	Limit (KHz)
11a	5500	18.72	N/A
	5600	18.81	N/A
	5700	18.73	N/A
11n HT20	5500	19.19	N/A
	5600	19.20	N/A
	5700	19.16	N/A
Conclusion：PASS			

Band 1(5150-5250MHz):
20dB bandwidth:
11a
5180MHz

5200MHz

5240MHz

11n HT20

5180MHz

5200MHz

5240MHz

Band 1(5150-5250MHz) :
26dB bandwidth:
11a
5180MHz

5200MHz

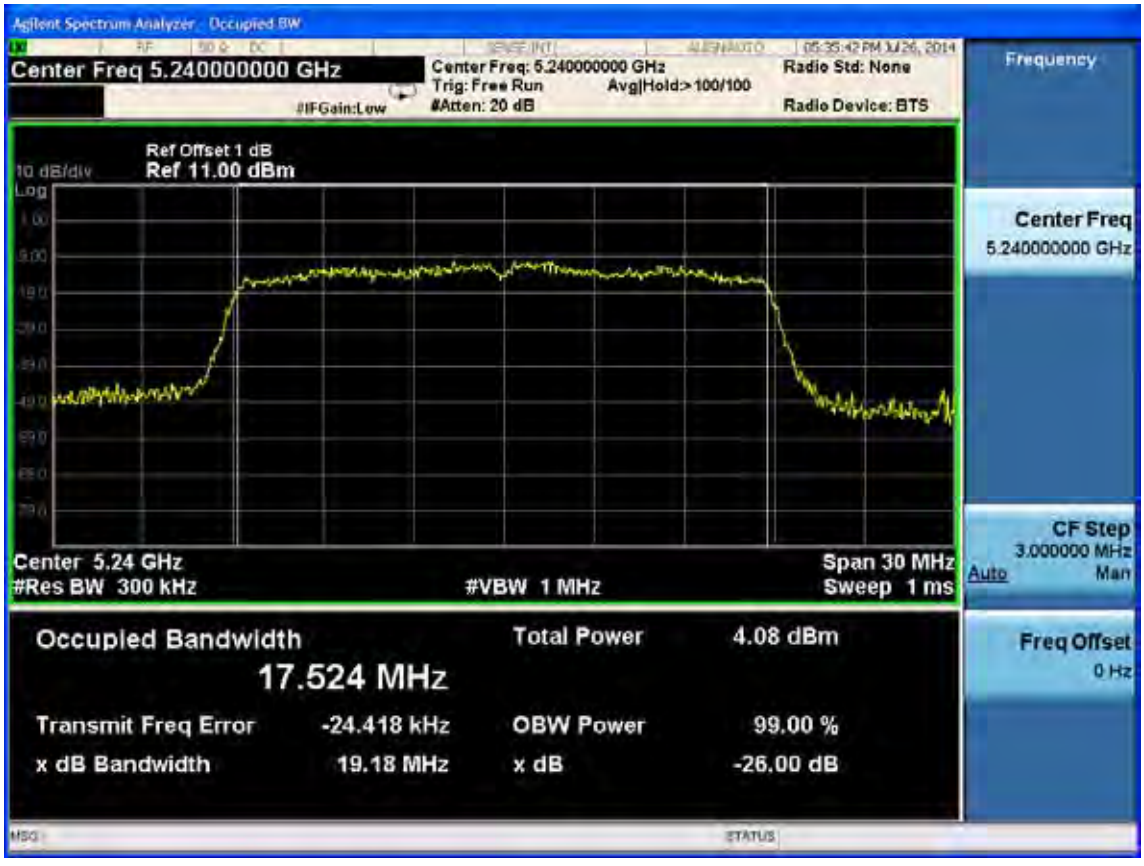
5240MHz

11n HT20

5180MHz

5200MHz

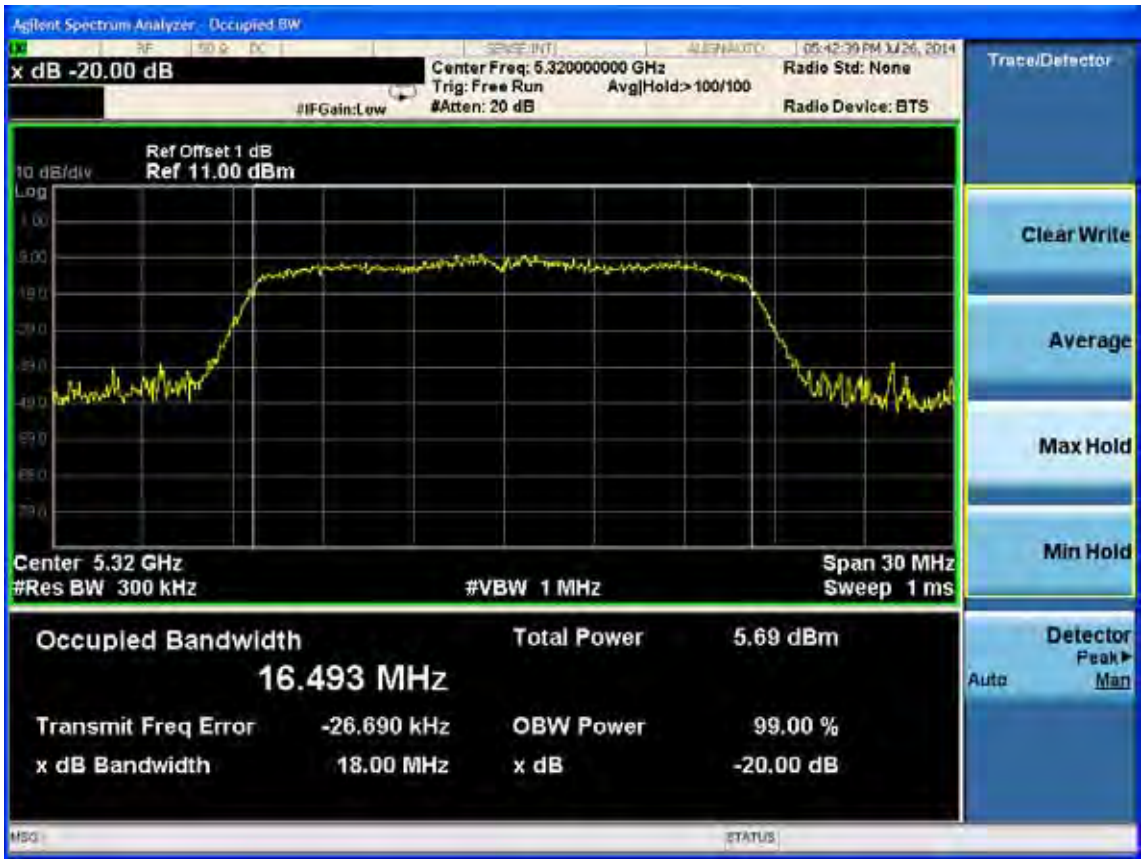
5240MHz



Band 2(5260-5320MHz):
20dB bandwidth:
11a
5260MHz

5300MHz

5320MHz



11n HT20

5260MHz

5300MHz

5320MHz

Band 2(5260-5320MHz):
26dB bandwidth:
11a
5260MHz

5300MHz

5320MHz

11n HT20

5260MHz

5300MHz

5320MHz

Band 3(5500-5700MHz):

20dB bandwidth:

11a

5500MHz

5600MHz

5700MHz

11n HT20

5500MHz

5600MHz

5700MHz

Band 3(5500-5700MHz):
26dB bandwidth:
11a
5500MHz

5600MHz

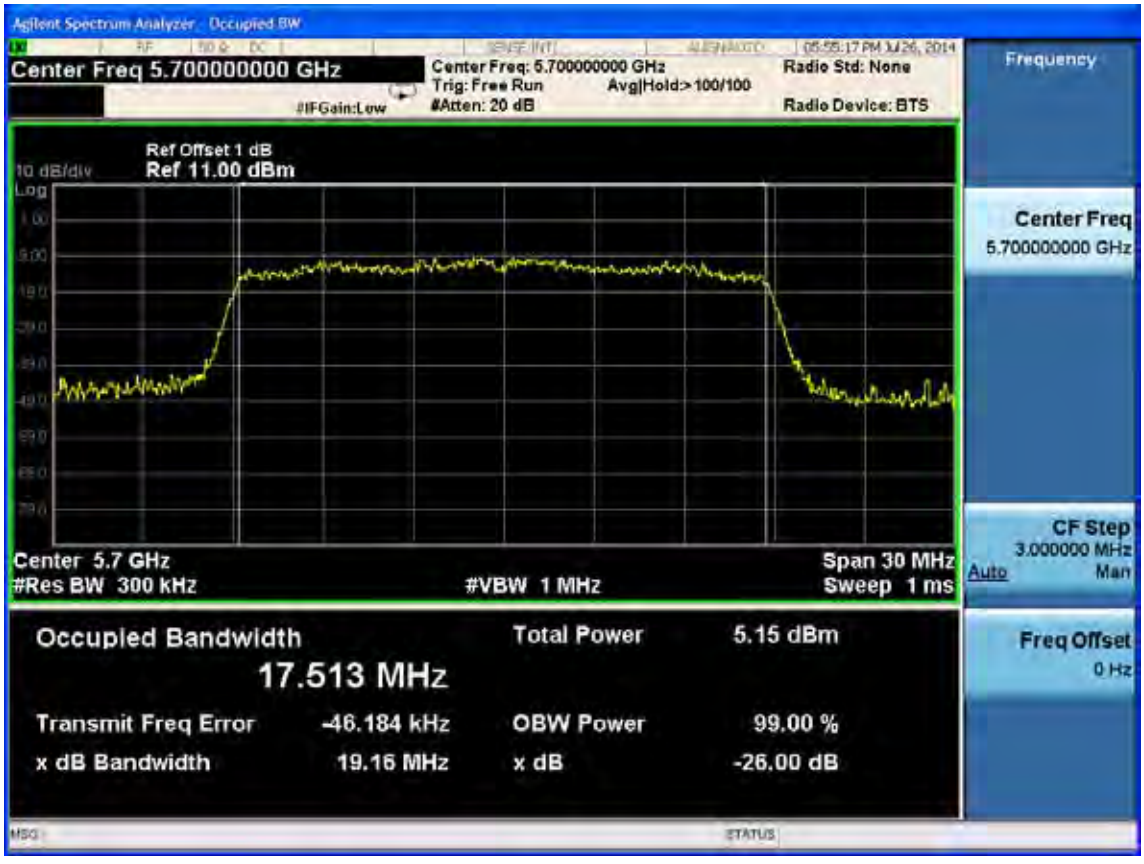
5700MHz

11n HT20

5500MHz

5600MHz

5700MHz



7. OUTPUT POWER TEST

7.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	N9030A	MY51380221	Oct.31, 13	1Year
2.	Power meter	Anritsu	ML2487A	6K00002472	Apr. 28,14	1Year
3.	Power sensor	Anritsu	MA2491A	0033005	Apr. 28,14	1Year
4.	Attenuator (20dB)	Agilent	8491B	MY39262165	Apr. 28,14	1 Year
5	RF Cable	Hubersuhner	SUCOFLEX102	28610/2	Apr. 28,14	1 Year

7.2.Limit

For the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed the lesser of 50 mW or 4 dBm + 10log B, For the 5250-5350MHz and 5.47-5.725GHz the maximum conducted output power over the frequency band of operation shall not exceed the lesser of 250Mw or 11dBm+10 log B. where B is the 26-dB emission bandwidth in MHz, If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

7.3.Test Procedure

1. Connected the EUT's antenna port to measure device by 26dB attenuator.
2. For IEEE 802.11a and IEEE802.11n HT20 and 802.11ac VHT20 mode, use a PK power meter which's bandwidth is 20MHz and above 26dB bandwidth of signal to measure out each test modes' PK output power.
3. For IEEE802.11n HT40 and 802.11ac VHT40 & 80 mode, because the signal's bandwidth is about 40MHz and above 20MHz bandwidth of power sensor ML2491A. So use the test method described in KBD789033 clause E Method SA-1
   1) Connect the antenna port to the spectrum analyzer and Set span of the spectrum to encompass the entire 26-dB emission bandwidth (EBW) of the signal.
   2) Set the RBW=1MHz and VBW =3MHz
   3) Number of points in sweep ≥ 2 Span / RBW
   4) Detector = RMS
   5) Sweep time = auto couple
   6) Allow the sweep to "free run" and set the Trace average at least 100 traces in power averaging (i.e., RMS) mode.
   7) Compute power by integrating the spectrum across the 26 dB EBW of the signal using the instrument's band power measurement function with band limits set equal to the EBW band edges.

Note: The cable loss and attenuator loss were offset into measure device as an amplitude offset.

7.4.Test Results

Band 1(5150-5250MHz):

EUT: Tablet PC		
M/N: AT10-B		
Test date: 2014-08-04	Pressure: 101.2±1.0 kpa	Humidity: 50.3±3.0%
Tested by: Kevin_Hu	Test site: RF site	Temperature:22.4±0.6 ℃

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	Frequency （MHz）	Maximum Conducted Output Power （dBm）	Limit (dBm)
11a	5180	19.25	30
	5200	19.42	30
	5240	19.03	30
11n HT20	5180	17.65	30
	5200	17.96	30
	5240	17.38	30
Conclusion: PASS			

Band 2(5260-5320MHz):

EUT: Tablet PC		
M/N: AT10-B		
Test date: 2014-08-04	Pressure: 101.1±1.0 kpa	Humidity: 50.4±3.0%
Tested by: Kevin_Hu	Test site: RF site	Temperature:22.2±0.6 ℃

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	Frequency （MHz）	RF Output Power （dBm）	Limit (dBm)
11a	5260	18.27	24
	5300	18.58	24
	5320	18.72	24
11n HT20	5260	16.82	24
	5300	17.11	24
	5320	17.62	24
Conclusion: PASS			

Band 3(5500-5700MHz):

EUT: Tablet PC		
M/N: AT10-B		
Test date: 2014-08-04	Pressure: 101.1±1.0 kpa	Humidity: 50.6±3.0%
Tested by: Kevin_Hu	Test site: RF site	Temperature:22.5±0.6 ℃

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	Frequency （MHz）	RF Output Power （dBm）	Limit (dBm)
11a	5500	20.26	24
	5600	19.89	24
	5700	19.10	24
11n HT20	5500	19.35	24
	5600	19.09	24
	5700	18.47	24
Conclusion: PASS			

8. POWER SPECTRAL DENSITY TEST

8.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	PXA Signal Analyzer	Agilent	N9030A	MY51380221	Oct.31, 13	1 Year
2.	Amp	HP	8449B	3008A08495	Apr.28,14	1 Year
3.	Antenna	EMCO	3115	9607-4877	Aug.27, 13	1 Year
4.	HF Cable	Hubersuhne	Sucoflex104	274094/4	Apr.28,14	1 Year

8.2.Limit

For the band 5.15-5.25 GHz, the peak power spectral density shall not exceed 4 dBm in any 1-MHz band. If transmitting antennas of directional gain greater than 6 dBi are used, the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. 5250-5350MHz, 5470-5725MHz shall not exceed 11dBm in any 1-MHz band.

8.3.Test Procedure

The transmitter output was connected to a spectrum analyzer. Power density was measured by spectrum analyzer with 1MHz RBW and 3MHz VBW,RMS Detector.
So use the test method described in KDB789033 clause E

1) Set span of the spectrum to encompass the entire 26-dB emission bandwidth (EBW) of the signal.
2) Set the RBW=1MHz and VBW =3MHz
3) Number of points in sweep ≥ 2 Span / RBW
4) Detector = RMS
5) Sweep time = auto couple
6) Allow the sweep to “free run” and set the Trace average at least 100 traces in power averaging (i.e., RMS) mode.
7) Use the peak search function find the max value as the power density in 1MHz.

Note: The cable loss and attenuator loss were offset into measure device as an amplitude offset.

8.4.Test Results

Band 1(5150-5250MHz):

EUT: Tablet PC		
M/N: AT10-B		
Test date: 2014-08-04	Pressure: 101.3±1.0 kpa	Humidity:52.5±3.0%
Tested by:Kevin_Hu	Test site: RF site	Temperature:22.3±0.6 ℃

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	Frequency（MHz）	Power Density (dBm/MHz)	Limit （dBm/MHz）
11a	5180	-0.901	4
	5200	-1.153	4
	5240	-1.507	4
11n HT20	5180	-2.947	4
	5200	-2.765	4
	5240	-3.195	4
Conclusion: PASS			

Band 2(5260-5320MHz):

EUT: Tablet PC		
M/N: AT10-B		
Test date: 2014-08-04	Pressure: 101.3±1.0 kpa	Humidity:52.5±3.0%
Tested by:Kevin_Hu	Test site: RF site	Temperature:22.3±0.6 ℃

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	Frequency（MHz）	Power Density (dBm/MHz)	Limit （dBm/MHz）
11a	5260	-1.701	11
	5300	-1.479	11
	5320	-0.819	11
11n HT20	5260	-3.023	11
	5300	-2.662	11
	5320	-2.399	11
Conclusion: PASS			

Band 3(5500-5700MHz):

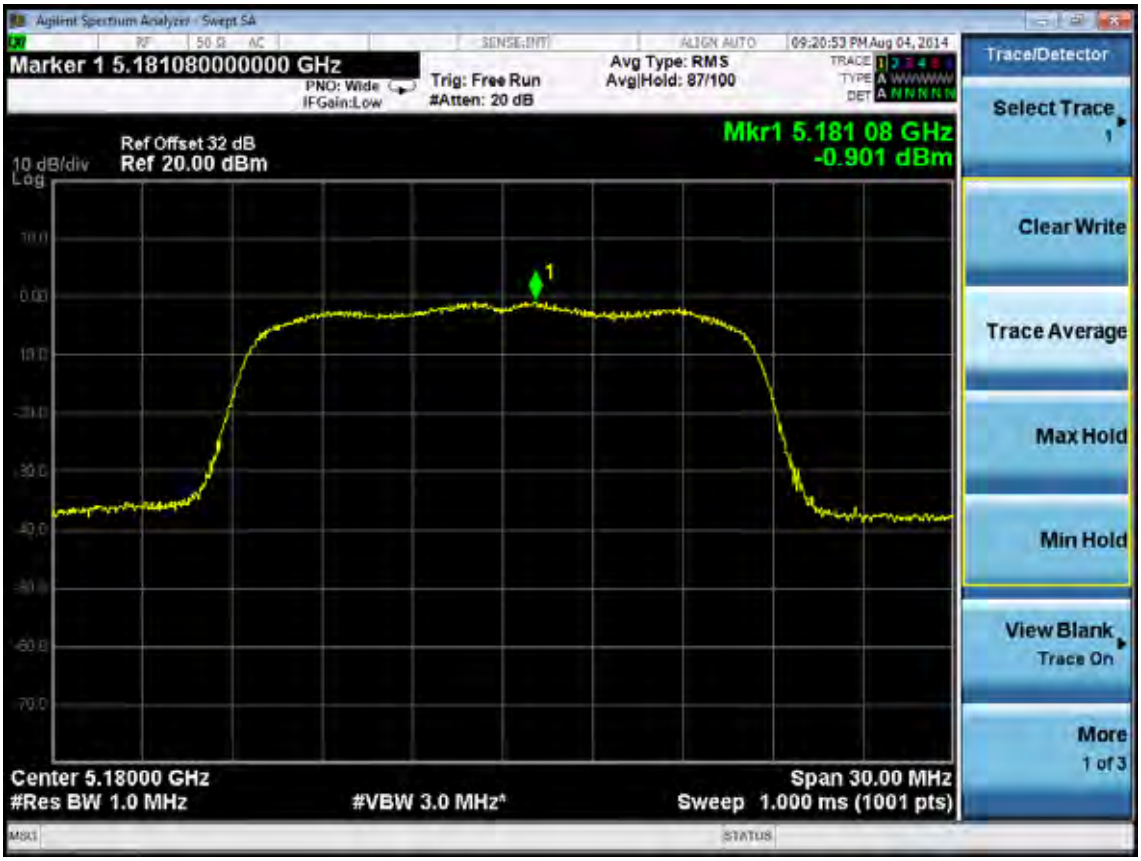
EUT: Tablet PC		
M/N: AT10-B		
Test date: 2014-08-04	Pressure: 101.5±1.0 kpa	Humidity:52.1±3.0%
Tested by:Kevin_Hu	Test site: RF site	Temperature:22.2±0.6 ℃

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	Frequency（MHz）	Power Density (dBm/MHz)	Limit （dBm/MHz）
11a	5500	0.075	11
	5600	0.242	11
	5700	-0.533	11
11n HT20	5500	-1.012	11
	5600	-1.660	11
	5700	-1.882	11
Conclusion: PASS			

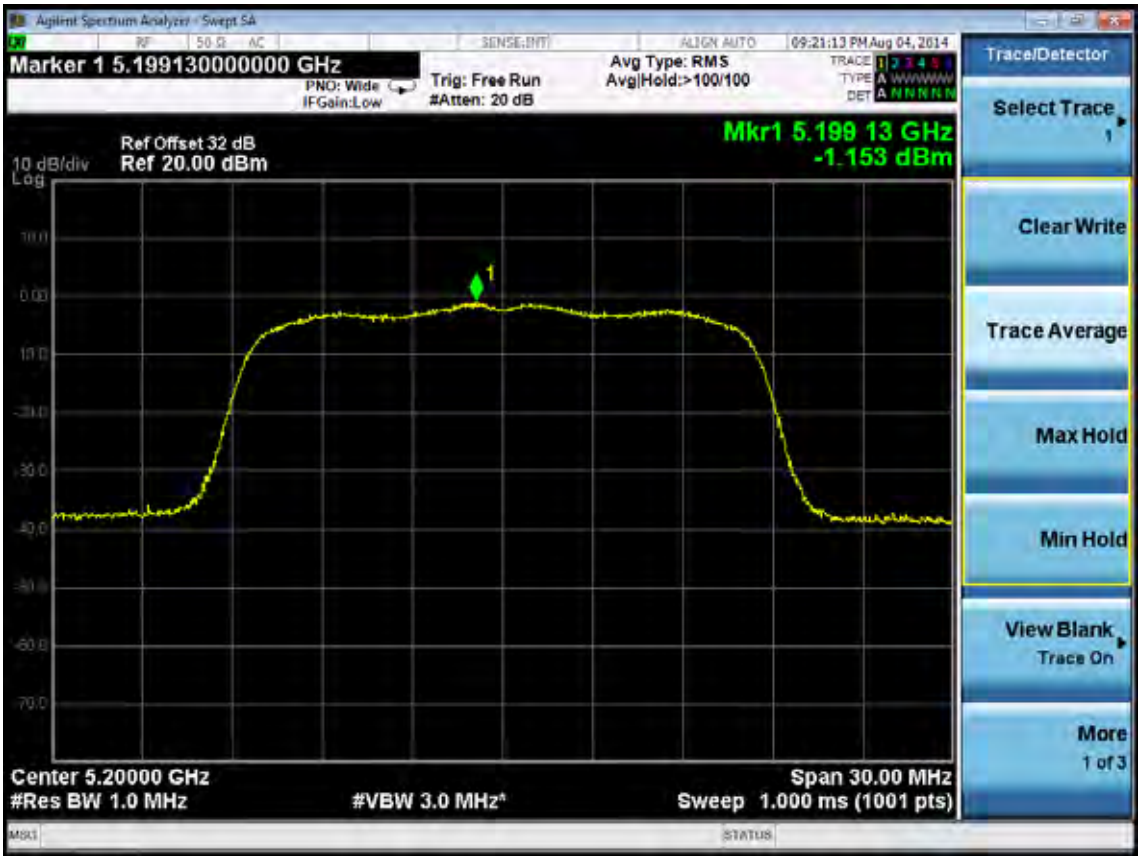
Band 1(5150-5250MHz):

11a

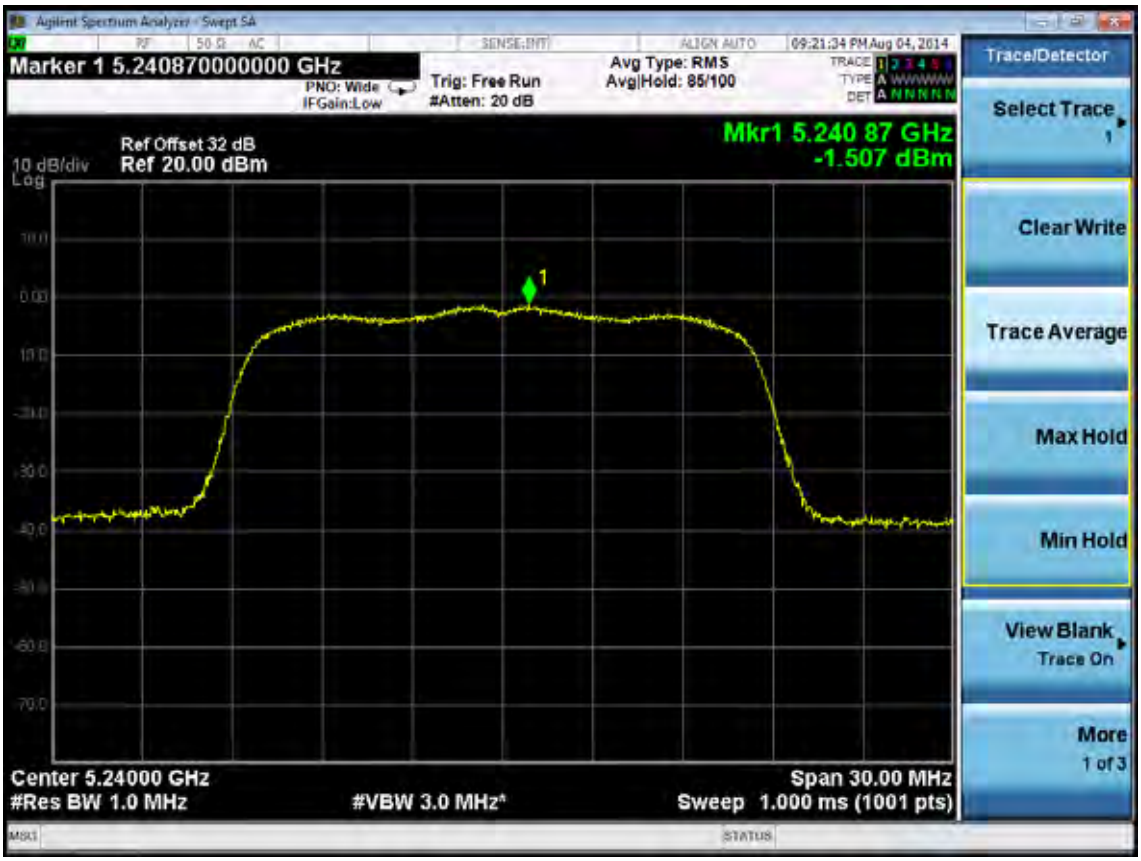
5180MHz



5200MHz

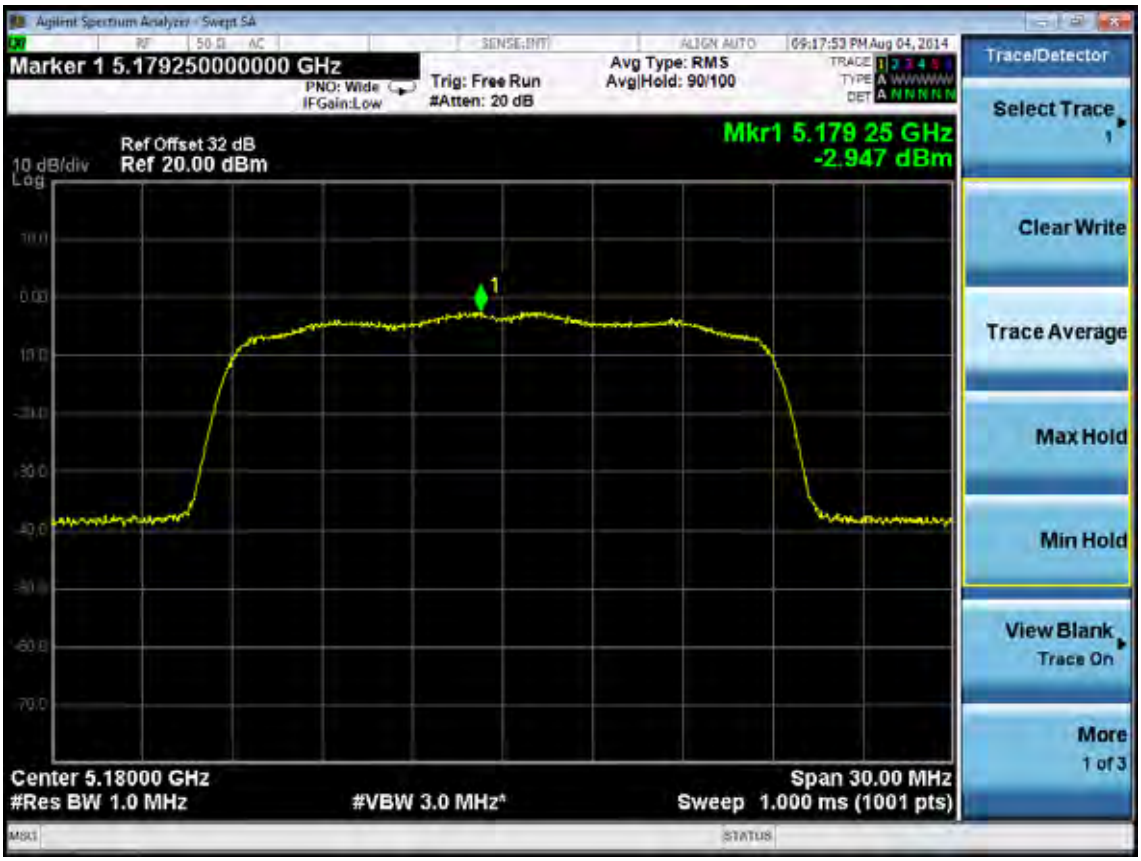


5240MHz

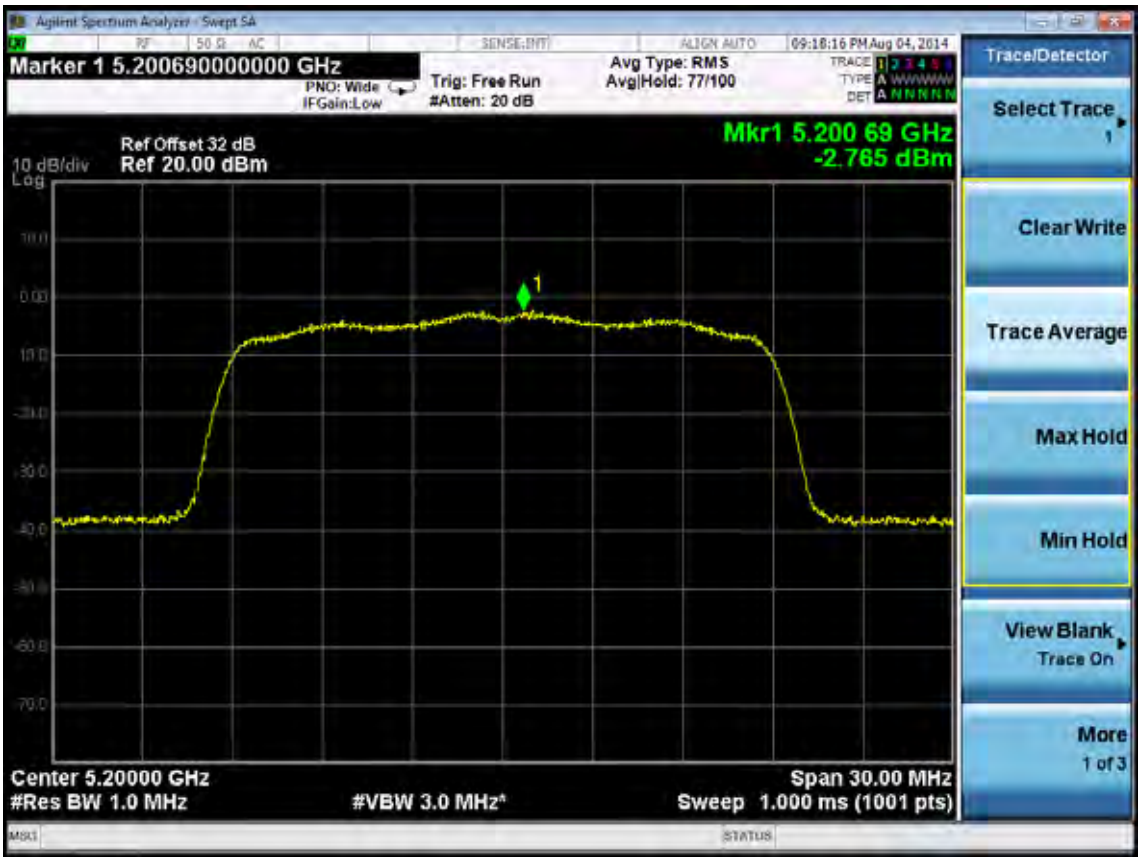


11nHT20

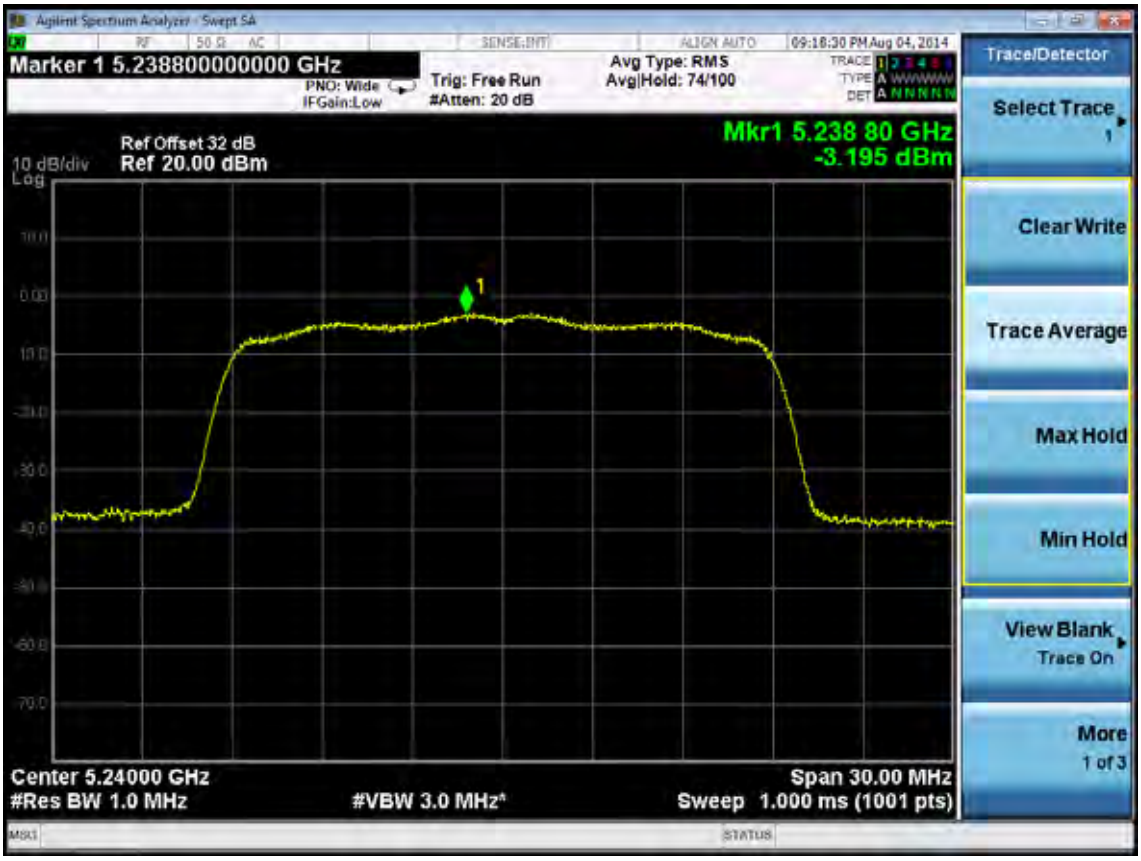
5180MHz



5200MHz



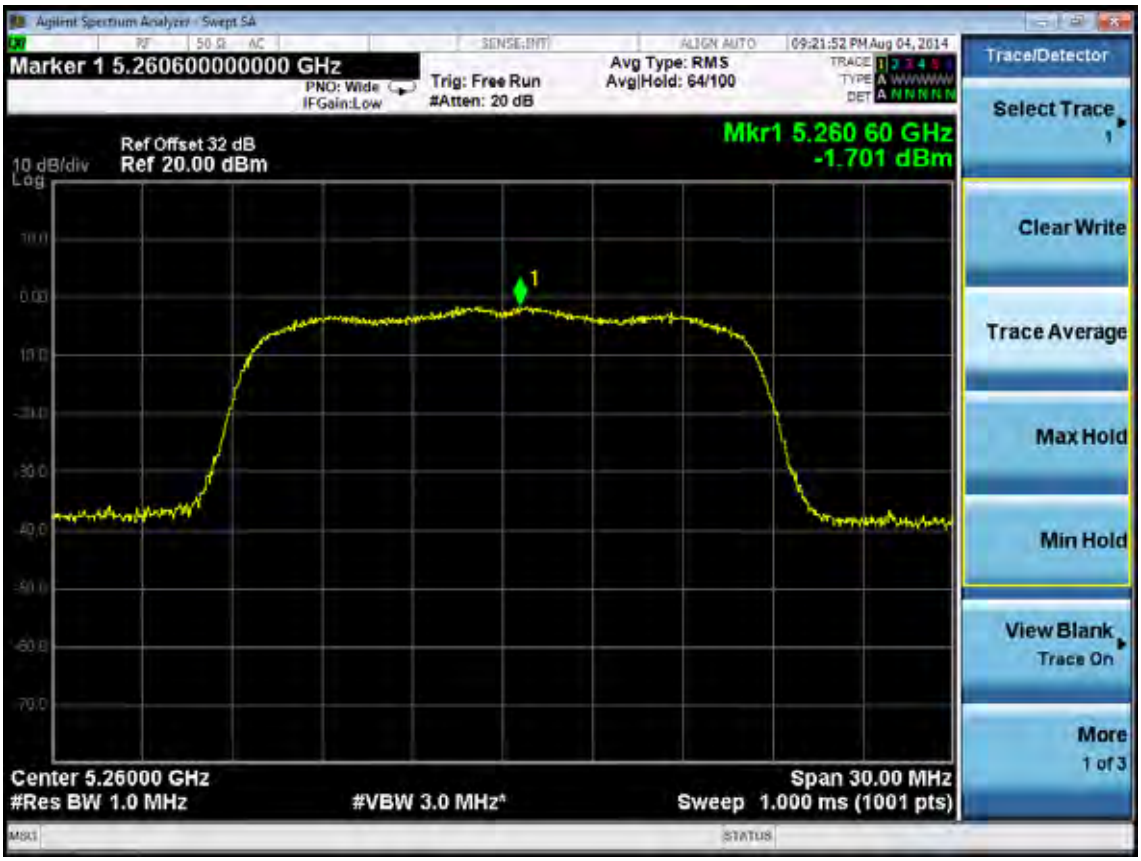
5240MHz



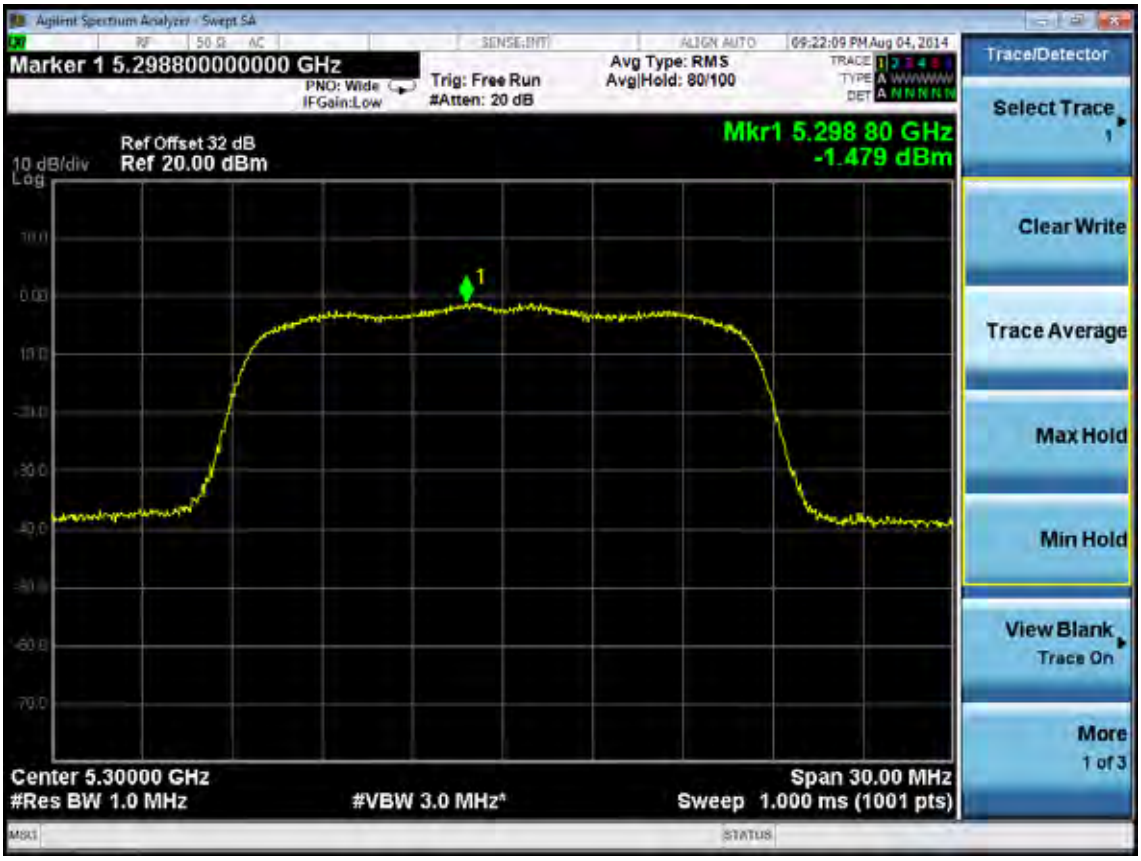
Band 2(5260-5320MHz):

11a

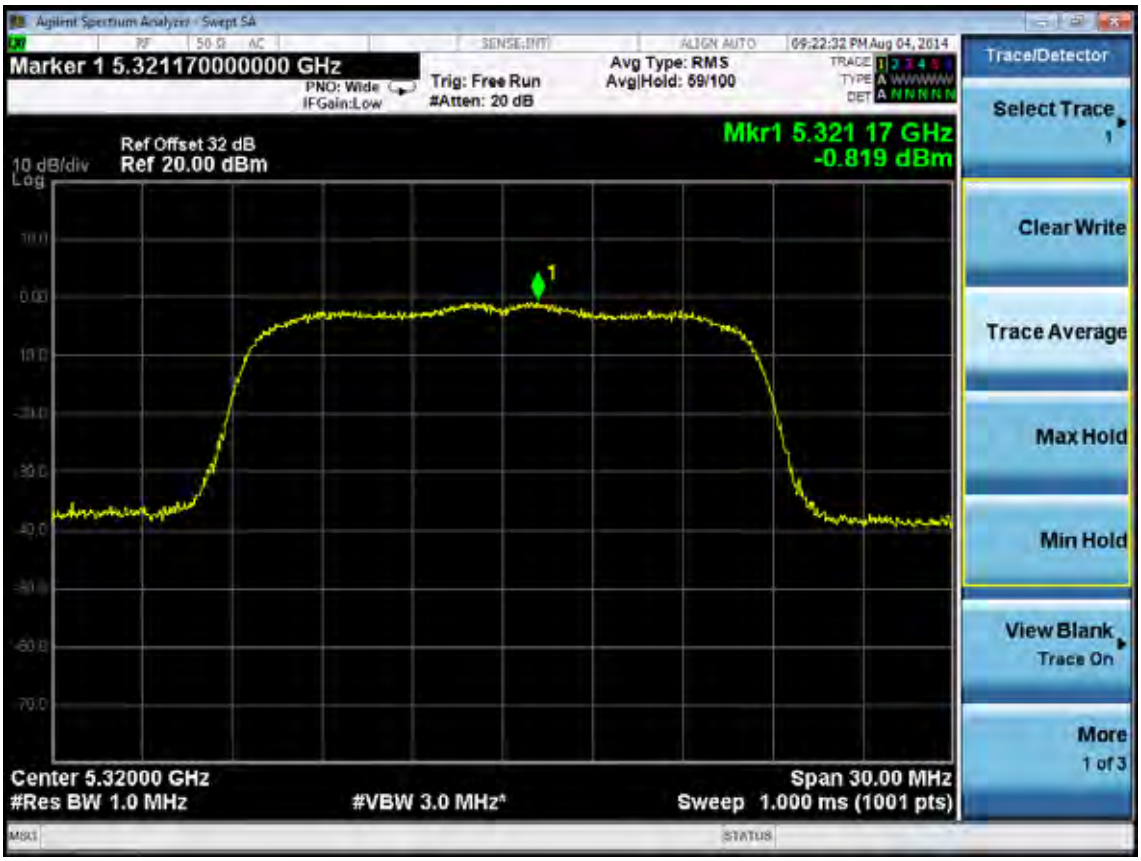
5260MHz



5300MHz

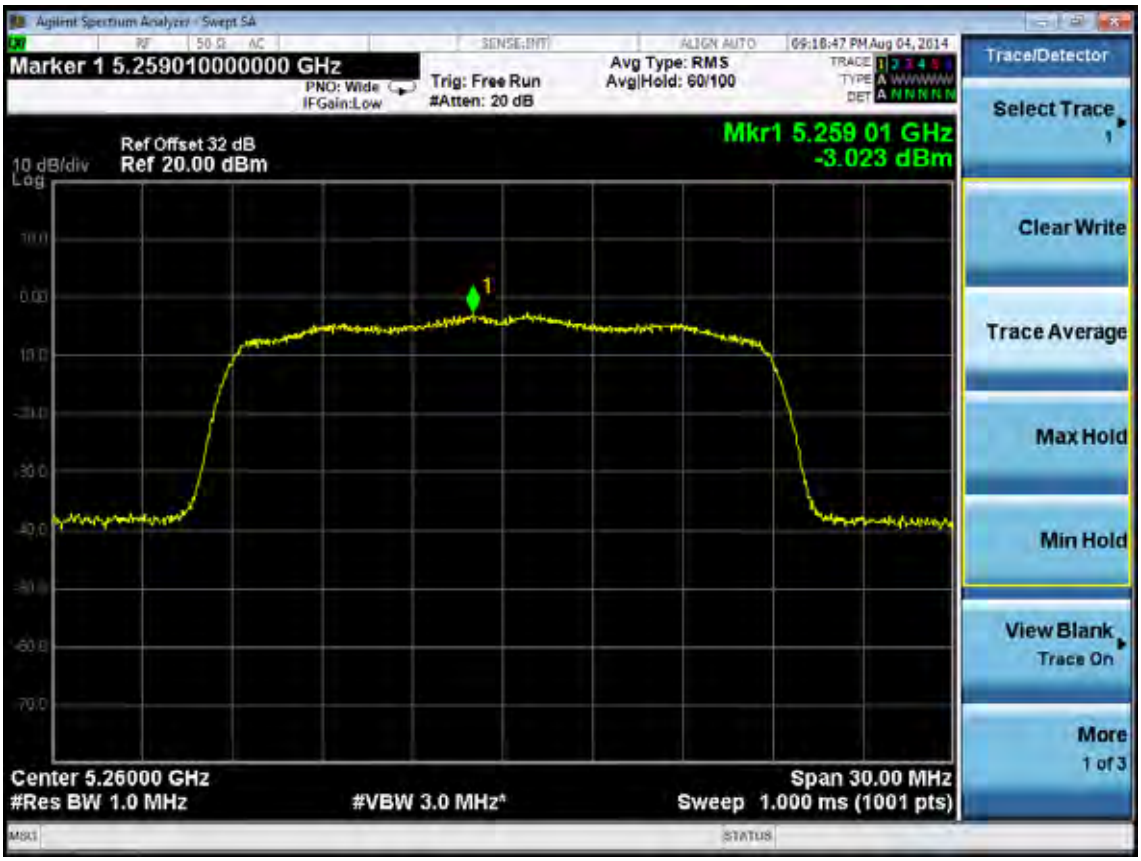


5320MHz



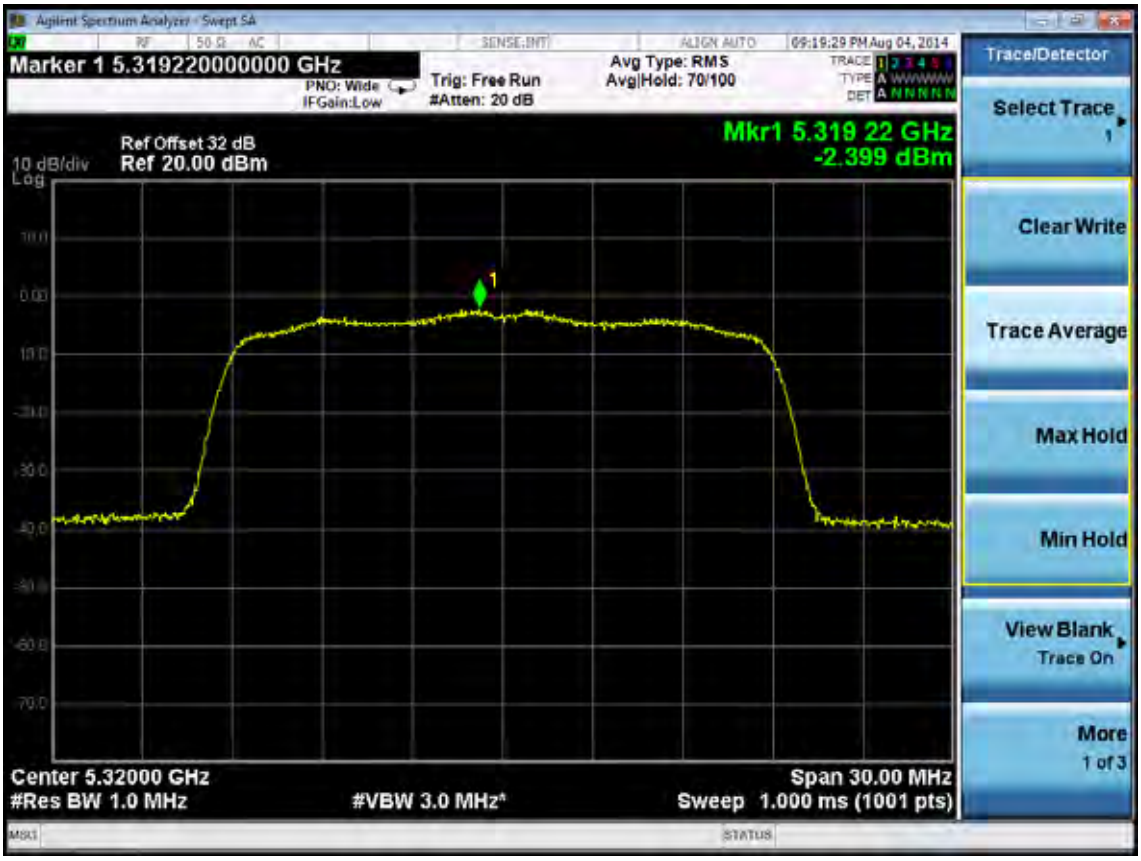
11nHT20

5260MHz



5300MHz

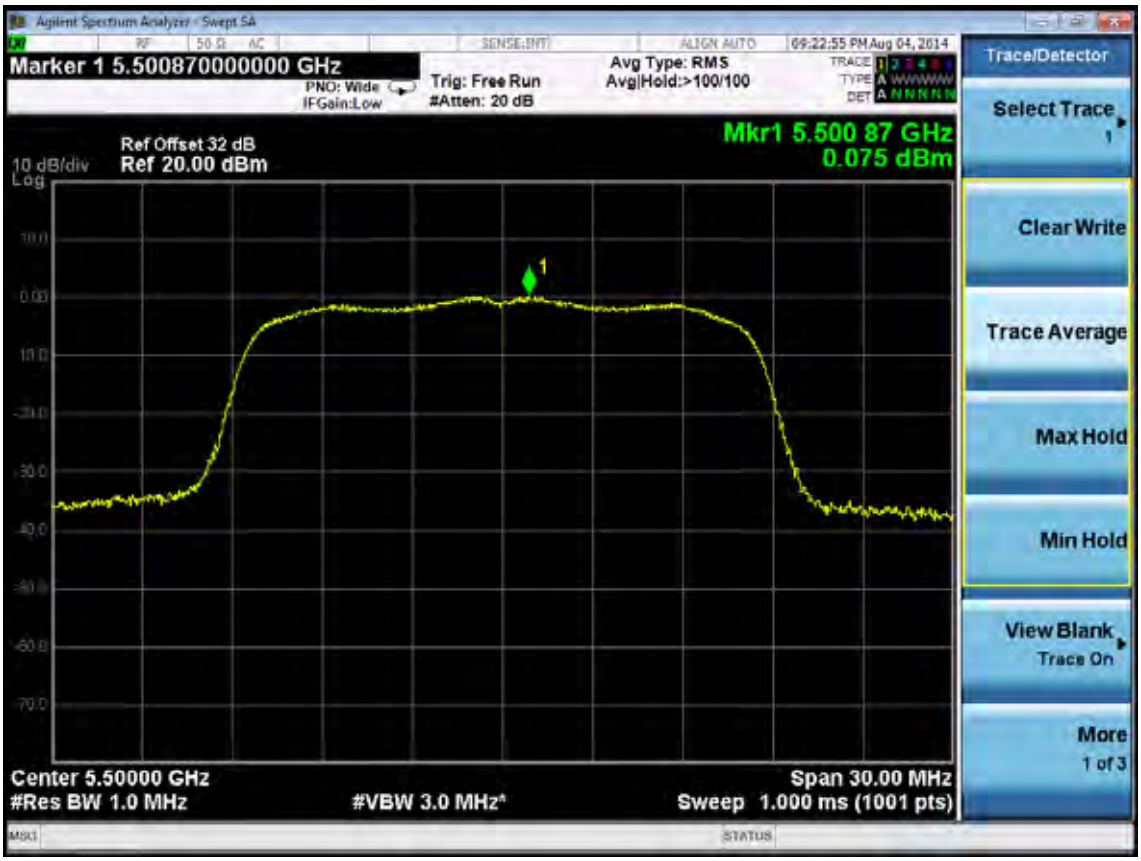
5320MHz



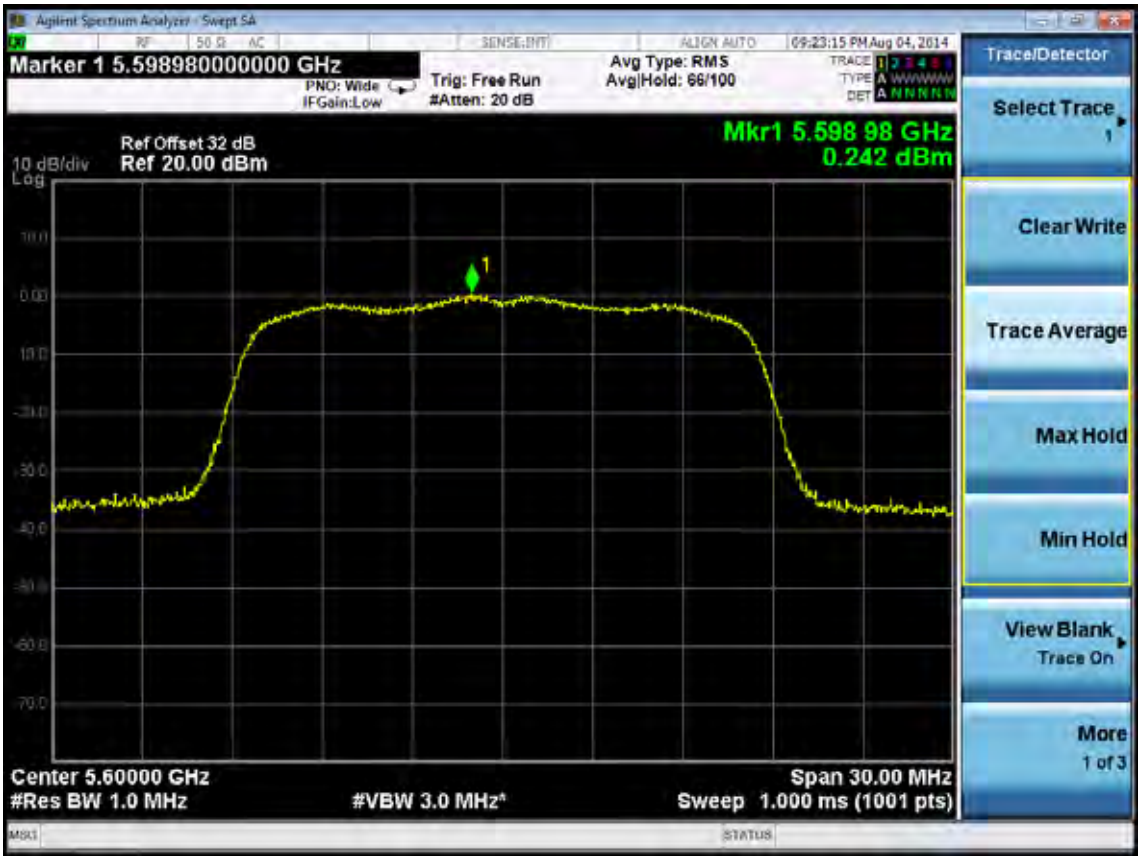
Band 3(5500-5700MHz):

11a

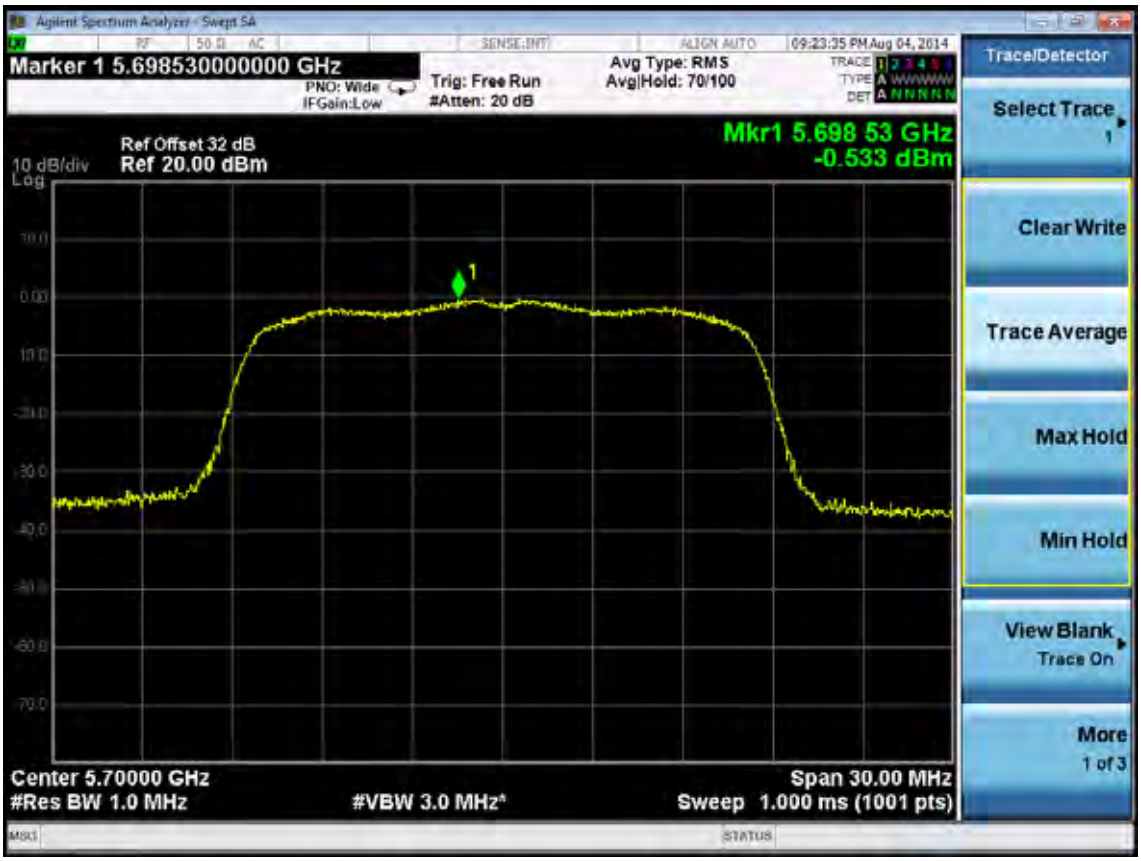
5500MHz



5600MHz



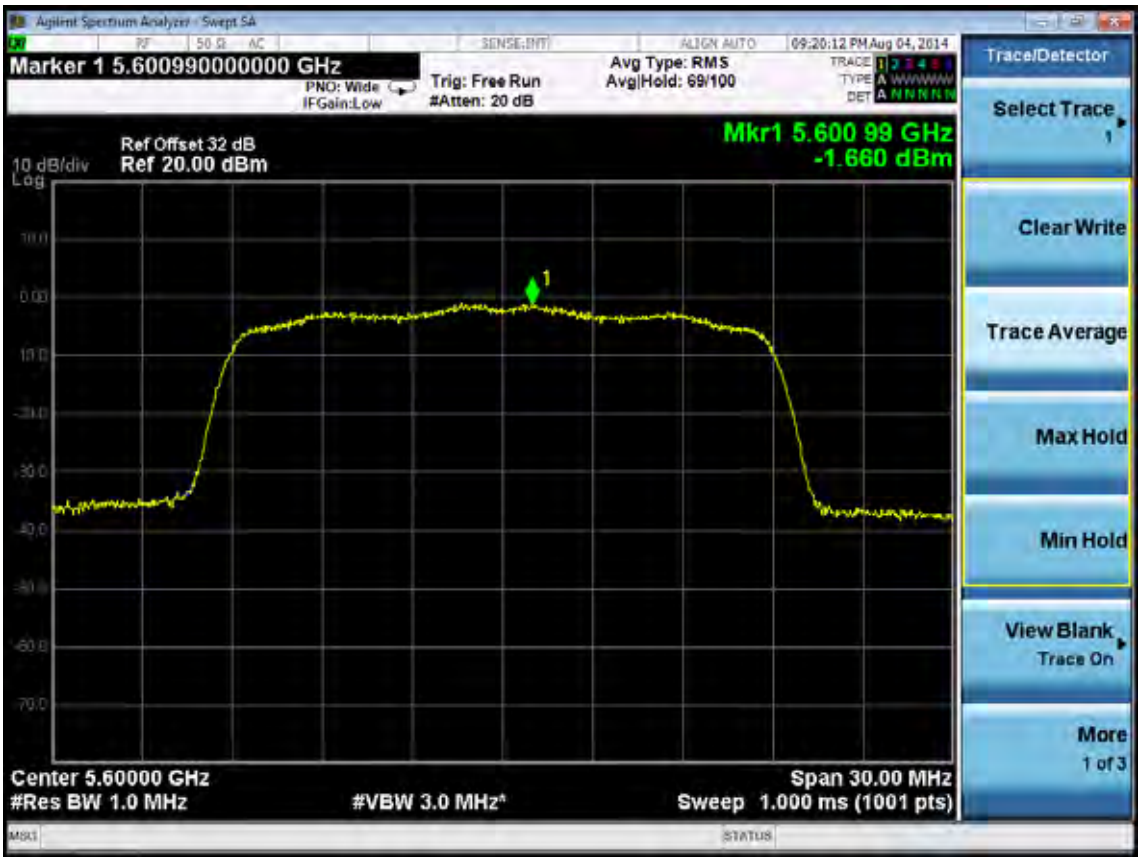
5700MHz



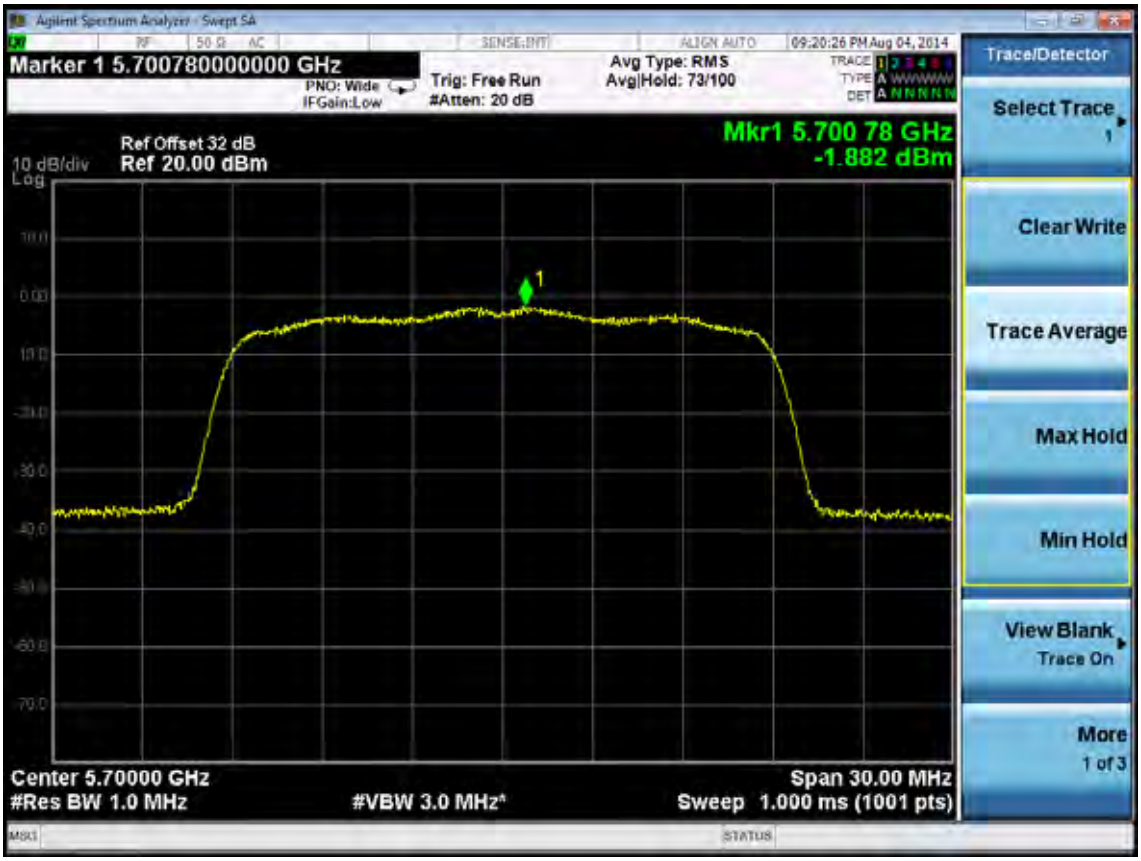
11nHT20

5500MHz

5600MHz



5700MHz



9. PEAK EXCURSION MEASUREMENT

9.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	PXA Signal Analyzer	Agilent	N9030A	MY51380221	Oct.31, 13	1 Year
2.	Amp	HP	8449B	3008A08495	Apr.28,14	1 Year
3.	Antenna	EMCO	3115	9607-4877	Aug.27, 13	1 Year
4.	HF Cable	Hubersuhne	Sucoflex104	274094/4	Apr.28,14	1 Year

9.2.Limit

The ratio of the peak excursion of modulation envelope (measured using a peak hold function) to the maximum conducted power (measured as specified above) shall not exceed 13 dB across any 1MHz bandwidth whichever is less.

9.3.Test Procedure

1. The transmitter output (antenna port) was connected to the spectrum analyzer.
2. Set the spectrum analyzer span to view the entire emissions bandwidth. The largest difference between the following two traces (Peak Trace and Average Trace) must be ≤ 13 dB for all frequencies across the emissions bandwidth. Submit a plot.
3. Peak Trace: Set RBW = 1 MHz, VBW ≥ 3 MHz with peak detector and max-hold settings.
4. Average Trace: Method #3—video averaging with max hold--and sum power across the band. Set span to encompass the entire emissions bandwidth (EBW) of the signal. Set sweep trigger to “free run”. Set RBW = 1 MHz. Set VBW ≥ 1/T (Draft n VBW = 300kHz ≥ 1/4 μ s). Use sample detector mode if bin width (i.e., span/number of points in spectrum) < 0.5 RBW. Otherwise use peak detector mode. Set max hold. Allow max hold to run for 60 seconds.

9.4.Test Results

Band 1(5150-5250MHz):

EUT: Tablet PC		
M/N: AT10-B		
Test date: 2014-08-04	Pressure: 101.2±1.0 kpa	Humidity: 50.7±3.0%
Tested by: Kevin_Hu	Test site: RF Site	Temperature：22.2±0.6℃

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	Frequency（MHz）	Power excursion（dB）	Limit (dB)
11a	5180	3.07	13
	5200	3.929	13
	5240	5.135	13
11nHT20	5180	4.32	13
	5200	4.136	13
	5240	4.31	13
Conclusion：PASS			

Band 2(5260-5320MHz):

EUT: Tablet PC		
M/N: AT10-B		
Test date: 2014-08-04	Pressure: 101.1±1.0 kpa	Humidity: 50.7±3.0%
Tested by: Kevin_Hu	Test site: RF Site	Temperature：22.2±0.6℃

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	Frequency（MHz）	Power excursion（dB）	Limit (dB)
11a	5260	5.902	13
	5300	3.829	13
	5320	3.654	13
11nHT20	5260	3.884	13
	5300	3.912	13
	5320	3.512	13
Conclusion：PASS			

Band 3(5500-5700MHz):

EUT: Tablet PC		
M/N: AT10-B		
Test date: 2014-08-04	Pressure: 101.4±1.0 kpa	Humidity: 50.3±3.0%
Tested by: Kevin_Hu	Test site: RF Site	Temperature：22.4±0.6℃

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	Frequency（MHz）	Power excursion（dB）	Limit (dB)
11a	5500	3.904	13
	5600	3.812	13
	5700	3.785	13
11nHT20	5500	4.496	13
	5600	4.67	13
	5700	4.702	13
Conclusion：PASS			

Band 1(5150-5250MHz):

11a

5180MHz

5200MHz

5240MHz

11nHT20

5180MHz

5200MHz

5240MHz

Band 2(5260-5320MHz):

11a

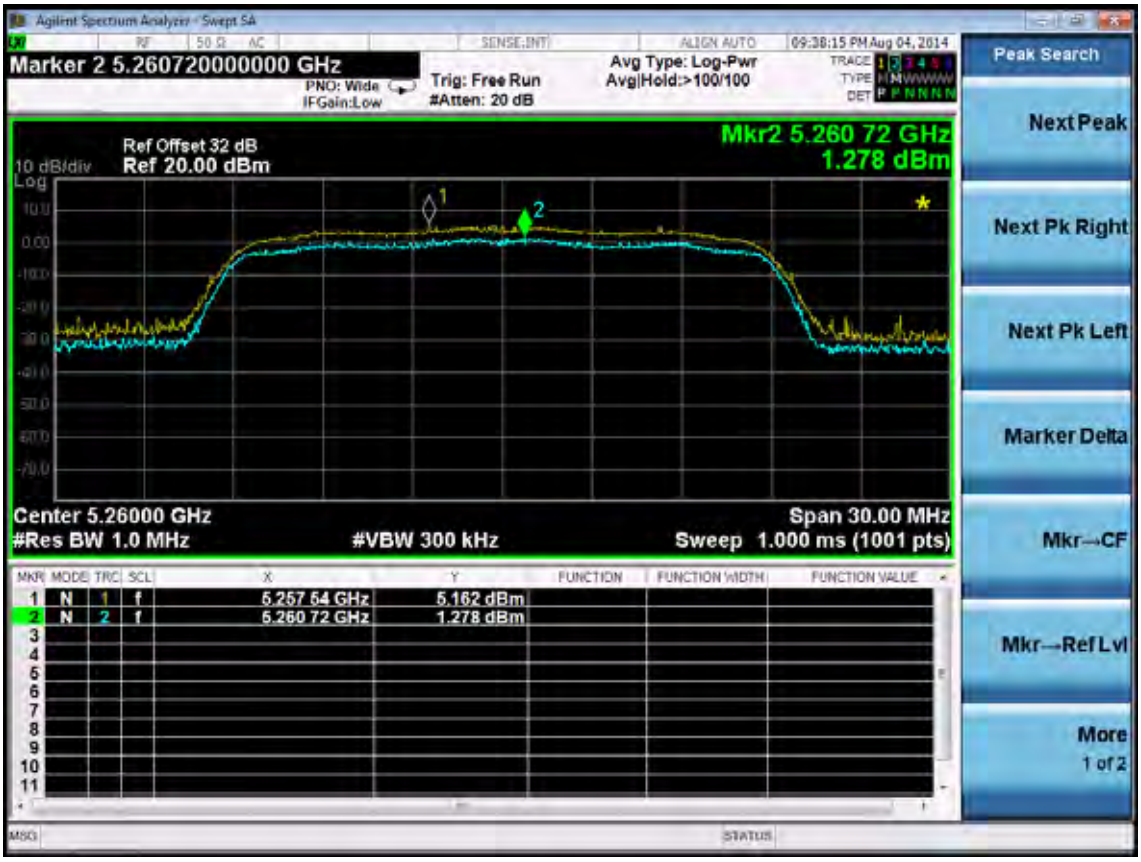
5260MHz

5300MHz

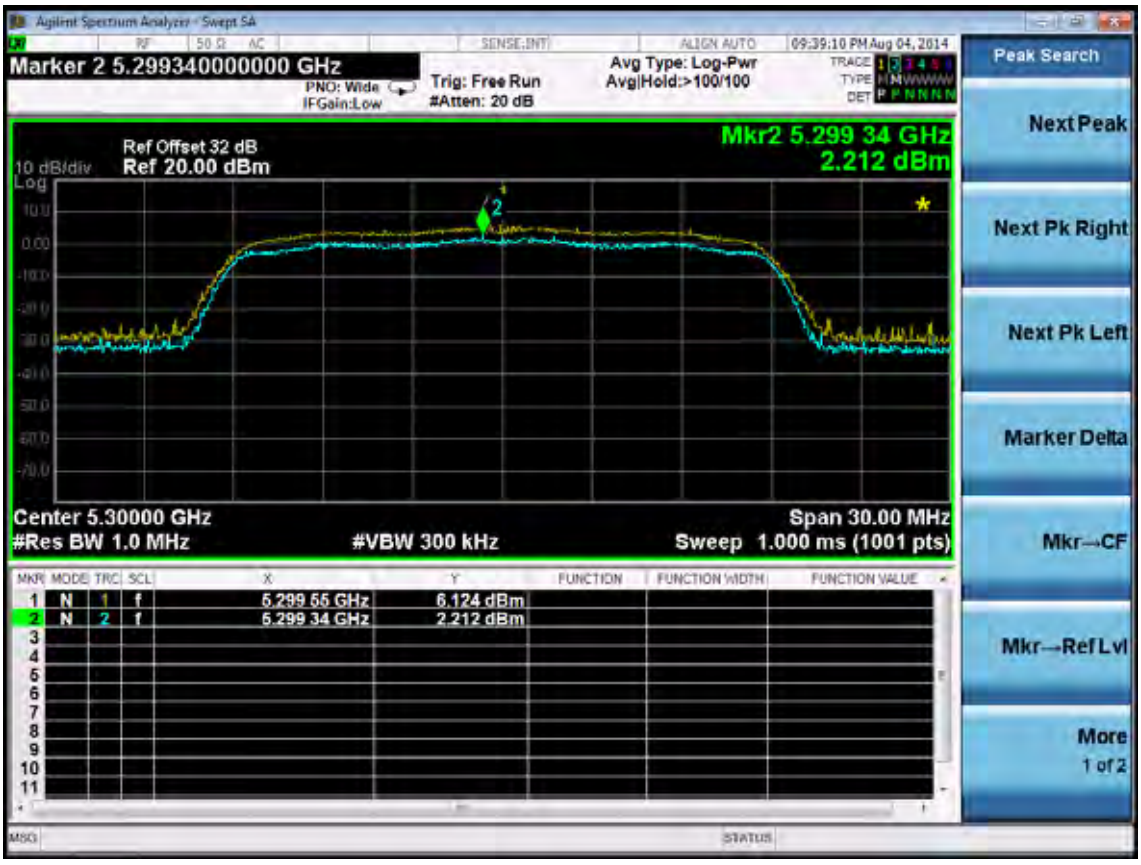
5320MHz

11nHT20

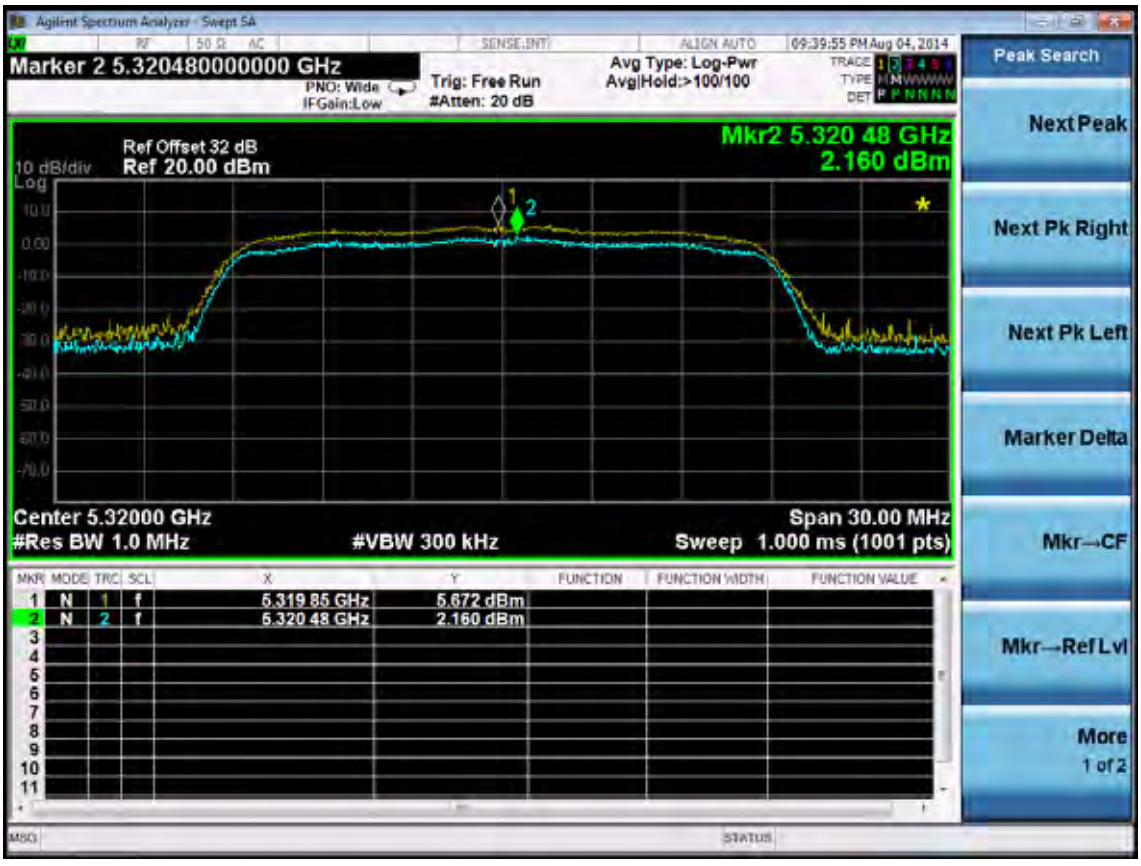
5260MHz



5300MHz



5320MHz



Band 3(5500-5700MHz):

11a

5500MHz

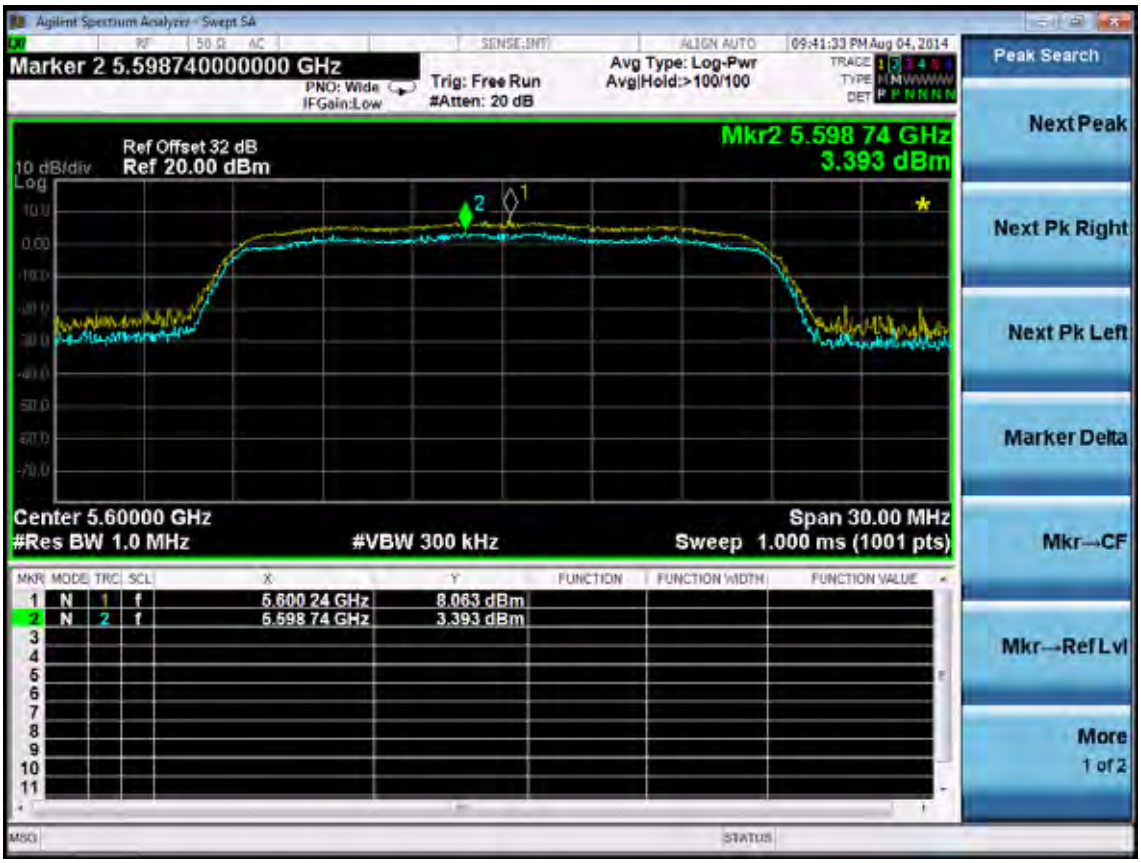
5600MHz

5700MHz

11nHT20

5500MHz

5600MHz



5700MHz

10. FREQUENCY STABILITY MEASUREMENT

10.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	PXA Signal Analyzer	Agilent	N9030A	MY51380221	Oct.31, 13	1 Year
2.	Amp	HP	8449B	3008A08495	Apr.28,14	1 Year
3.	Antenna	EMCO	3115	9607-4877	Aug.27, 13	1 Year
4.	HF Cable	Hubersuhne	Sucoflex104	274094/4	Apr.28,14	1 Year

10.2.Limit

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

10.3.Test Procedure

1. The transmitter output (antenna port) was connected to the spectrum analyzer. EUT have transmitted absence of modulation signal and fixed channelise. Set the spectrum analyzer span to view the entire absence of modulation emissions bandwidth. Set RBW = 10 kHz, VBW = 10 kHz with peak detector and maxhold settings. fc is declaring of channel frequency. Then the frequency error formula is (fc-f)/fc × 106 ppm and the limit is less than ±20ppm The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value
2. Extreme temperature rule is -30°C~50°C.

10.4.Test Result

Band 1(5150-5250MHz):

EUT: Tablet PC		
M/N: AT10-B		
Power: DC 5V From Adapter Input AC 120V/60Hz		
Test date: 2014-08-04	Test site: RF Chamber	Tested by: Kevin_Hu
Ambient Temperature: 22.1±1.0℃	Relative Humidity: 52.3±1.0%	Pressure:101.3±1.0 kpa

Frequency stability VS Voltage (Temperature:20℃)

Supply Voltage （V）	Test frequency (MHz)	Test result (MHz)	Max Deviation (MHz)	Max Deviation (ppm)	Limit (ppm)	Conclusion
102V	5180	5179.9430	-0.0570	-11.00	+/-20	PASS
120V	5180	5179.9435				
138V	5180	5179.9445				
102V	5200	5199.9435	-0.0565	-10.87	+/-20	
120V	5200	5199.9440				
138V	5200	5199.9450				
102V	5240	5239.9430	-0.0570	-10.88	+/-20	
120V	5240	5239.9440				
138V	5240	5239.9445				

Frequency stability VS Temperature (supply voltage AC 120V/60Hz)

Temperature （℃）	Test frequency (MHz)	Test result (MHz)	Max Deviation (MHz)	Max Deviation (ppm)	Limit (ppm)	Conclusion
-30℃	5180	5179.9410	-0.0590	-11.39	+/-20	PASS
-20℃	5180	5179.9420				
-10℃	5180	5179.9425				
0℃	5180	5179.9430				
10℃	5180	5179.9430				
20℃	5180	5179.9435				
30℃	5180	5179.9445				
40℃	5180	5179.9450				
50℃	5180	5179.9455				

Frequency stability VS Temperature (supply voltage AC 120V/60Hz)						
Temperature (℃)	Test frequency (MHz)	Test result (MHz)	Max Deviation (MHz)	Max Deviation (ppm)	Limit (ppm)	Conclusion
-30℃	5200	5199.9420	-0.0580	-11.15	+/-20	PASS
-20℃	5200	5199.9425				
-10℃	5200	5199.9425				
0℃	5200	5199.9435				
10℃	5200	5199.9435				
20℃	5200	5199.9440				
30℃	5200	5199.9445				
40℃	5200	5199.9460				
50℃	5200	5199.9470				
Frequency stability VS Temperature (supply voltage AC 120V/60Hz)						
Temperature (℃)	Test frequency (MHz)	Test result (MHz)	Max Deviation (MHz)	Max Deviation (ppm)	Limit (ppm)	Conclusion
-30℃	5240	5239.9405	-0.0595	-11.35	+/-20	PASS
-20℃	5240	5239.9410				
-10℃	5240	5239.9420				
0℃	5240	5239.9425				
10℃	5240	5239.9430				
20℃	5240	5239.9440				
30℃	5240	5239.9445				
40℃	5240	5239.9455				
50℃	5240	5239.9470				

Band 2(5260-5320MHz):

EUT: Tablet PC		
M/N: AT10-B		
Power: DC 5V From Adapter Input AC 120V/60Hz		
Test date: 2014-08-04	Test site: RF Chamber	Tested by: Kevin_Hu
Ambient Temperature: 22.1±1.0℃	Relative Humidity: 52.3±1.0%	Pressure:101.3±1.0 kpa

Frequency stability VS Voltage (Temperature:20℃)

Supply Voltage （V）	Test frequency (MHz)	Test result (MHz)	Max Deviation (MHz)	Max Deviation (ppm)	Limit (ppm)	Conclusion
102V	5260	5259.9435	-0.0565	-10.74	+/-20	PASS
120V	5260	5259.9445				
138V	5260	5259.9460				
102V	5300	5299.9440	-0.0560	-10.57	+/-20	
120V	5300	5299.9445				
138V	5300	5299.9455				
102V	5320	5319.9440	-0.0560	-10.53	+/-20	
120V	5320	5319.9445				
138V	5320	5319.9455				

Frequency stability VS Temperature (supply voltage AC 120V/60Hz)

Temperature （℃）	Test frequency (MHz)	Test result (MHz)	Max Deviation (MHz)	Max Deviation (ppm)	Limit (ppm)	Conclusion
-30℃	5260	5259.9420	-0.0580	-11.03	+/-20	PASS
-20℃	5260	5259.9425				
-10℃	5260	5259.9430				
0℃	5260	5259.9440				
10℃	5260	5259.9440				
20℃	5260	5259.9445				
30℃	5260	5259.9455				
40℃	5260	5259.9465				
50℃	5260	5259.9470				

Frequency stability VS Temperature (supply voltage AC 120V/60Hz)						
Temperature (℃)	Test frequency (MHz)	Test result (MHz)	Max Deviation (MHz)	Max Deviation (ppm)	Limit (ppm)	Conclusion
-30℃	5300	5299.9420	-0.0580	-10.94	+/-20	PASS
-20℃	5300	5299.9425				
-10℃	5300	5299.9430				
0℃	5300	5299.9435				
10℃	5300	5299.9440				
20℃	5300	5299.9445				
30℃	5300	5299.9455				
40℃	5300	5299.9460				
50℃	5300	5299.9465				
Frequency stability VS Temperature (supply voltage AC 120V/60Hz)						
Temperature (℃)	Test frequency (MHz)	Test result (MHz)	Max Deviation (MHz)	Max Deviation (ppm)	Limit (ppm)	Conclusion
-30℃	5320	5319.9415	-0.0585	-11.00	+/-20	PASS
-20℃	5320	5319.9425				
-10℃	5320	5319.9430				
0℃	5320	5319.9435				
10℃	5320	5319.9440				
20℃	5320	5319.9445				
30℃	5320	5319.9460				
40℃	5320	5319.9465				
50℃	5320	5319.9475				

Band 3(5500-5700MHz):

EUT: Tablet PC		
M/N: AT10-B		
Power: DC 5V From Adapter Input AC 120V/60Hz		
Test date: 2014-08-04	Test site: RF Chamber	Tested by: Kevin_Hu
Ambient Temperature: 22.3±1.0℃	Relative Humidity: 52.1±1.0%	Pressure:101.2±1.0 kpa

Frequency stability VS Voltage (Temperature:20℃)

Supply Voltage （V）	Test frequency (MHz)	Test result (MHz)	Max Deviation (MHz)	Max Deviation (ppm)	Limit (ppm)	Conclusion
102V	5500	5499.9440	-0.0560	-10.18	+/-20	PASS
120V	5500	5499.9445				
138V	5500	5499.9460				
102V	5600	5599.9415	-0.0585	-10.45	+/-20	
120V	5600	5599.9420				
138V	5600	5599.9435				
102V	5700	5699.9390	-0.0610	-10.70	+/-20	
120V	5700	5699.9395				
138V	5700	5699.9405				

Frequency stability VS Temperature (supply voltage AC 120V/60Hz)

Temperature （℃）	Test frequency (MHz)	Test result (MHz)	Max Deviation (MHz)	Max Deviation (ppm)	Limit (ppm)	Conclusion
-30℃	5500	5499.9415	-0.0585	-10.64	+/-20	PASS
-20℃	5500	5499.9425				
-10℃	5500	5499.9425				
0℃	5500	5499.9430				
10℃	5500	5499.9440				
20℃	5500	5499.9445				
30℃	5500	5499.9450				
40℃	5500	5499.9455				
50℃	5500	5499.9465				

Frequency stability VS Temperature (supply voltage AC 120V/60Hz)						
Temperature (℃)	Test frequency (MHz)	Test result (MHz)	Max Deviation (MHz)	Max Deviation (ppm)	Limit (ppm)	Conclusion
-30℃	5600	5599.9395	-0.0605	-10.80	+/-20	PASS
-20℃	5600	5599.9400				
-10℃	5600	5599.9405				
0℃	5600	5599.9415				
10℃	5600	5599.9415				
20℃	5600	5599.9420				
30℃	5600	5599.9425				
40℃	5600	5599.9430				
50℃	5600	5599.9435				
Frequency stability VS Temperature (supply voltage AC 120V/60Hz)						
Temperature (℃)	Test frequency (MHz)	Test result (MHz)	Max Deviation (MHz)	Max Deviation (ppm)	Limit (ppm)	Conclusion
-30℃	5700	5699.9375	-0.0625	-10.96	+/-20	PASS
-20℃	5700	5699.9380				
-10℃	5700	5699.9380				
0℃	5700	5699.9385				
10℃	5700	5699.9390				
20℃	5700	5699.9395				
30℃	5700	5699.9400				
40℃	5700	5699.9410				
50℃	5700	5699.9415				

11. NTENNA REQUIREMENT

11.1. STANDARD APPLICABLE

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.407 (a), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

11.2. ANTENNA CONNECTED CONSTRUCTION

The antennas used for this product are IFA antenna that no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is 3.8dBi.

12.DEVIATION TO TEST SPECIFICATIONS

[NONE]