



FCC/IC TEST REPORT

According to
CFR47 §15.247 & RSS-247 Issue 2

Applicant : Mitac Digital Technology Corporation
Address : No. 200, Wen Hwa 2nd Rd., Kuei Shan Dist. 33383 Taoyuan City, TAIWAN
Manufacturer : Mitac Computer (Kunshan) Co., Ltd.
Address : No. 269, 2nd Avenue, District A, Comprehensive Free Trade Zone, 215300
Kunshan, Jiangsu, PEOPLES REPUBLIC OF CHINA
Equipment : Tablet
Model No. : N642
FCC ID : P4Q-N642-M1000
IC : 2420C-N642-M1000
Test Period : July 25, 2019~ October 11, 2019

- The test result refers exclusively to the test presented test model / sample.
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- The test report must not be used by the clients to claim product certification approval by any agency of the Government.

I **HEREBY** CERTIFY THAT :

The measurements shown in this test report were made in accordance with the procedures given in **ANSI C63.10 – 2013 & FCC Part15.247 & RSS-247 Issue 2** and the energy emitted by this equipment was **passed**.

Approved by:

Miro Chueh
EMC/RF Manager

Laboratory Accreditation:

Cepass Technology Corporation Test Laboratory



TAF LAB Code: 1439

Cepass Technology (SuZhou) Co., Ltd.



A2LA LAB Code: 4981.01



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History of this Test Report

Report No.	Version	Issue Date	Description
SEFC1907033	Rev 01	Oct.12, 2019	Original



1. Test Configuration of Equipment under Test

1.1 Feature of Equipment under Test

EUT Type		Tablet
Model Name		N642
Wireless Module		Qualcomm WCN3660B
TX Frequency Range		2.4GHz: 2400MHz ~ 2483.5MHz
Number of Channel		2.4GHz BT-BDR(GFSK): 79, BT-EDR(Pi/4 DQPSK): 79, BT-EDR(8DPSK): 79 BT-LE(GFSK): 40 802.11b/g, 802.11n-HT20 : 13 802.11n-HT40: 9
Type of Modulation		BT-BDR(GFSK), BT-EDR(Pi/4 DQPSK), BT-EDR(8DPSK) for FHSS BT-LE (GFSK) for DTS DBPSK, DQPSK, CCK for DSSS in 802.11b mode BPSK, QPSK, 16-QAM, 64-QAM for OFDM in 802.11g/n mode
Data Rate		BT-BDR(GFSK): 1Mbps, BT-EDR(Pi/4 DQPSK): 2Mbps, BT-EDR(8DPSK) : 3Mbps, BT-LE(GFSK): 1Mbps 802.11b: up to 11Mbps, 802.11g: up to 54Mbps, 802.11n: up to MCS7
Antenna Type		IFA
Antenna Peak Gain		2.4~2.4835GHz: 4.35dBi
Device Category		Mobile
RF Exposure Environment		General Population/ Uncontrolled
Power supply1	Model:	CVW120200
	Input:	100-240V~1.2A 50-60Hz 0.75A
	Output:	DC 12V --2.0A
Power supply2	Model:	POE-GTI-3556ND4
	Input:	100-240V
	Output:	DC 56V--0.625A

1.2 Description of Antenna

Manufacturer	Model	Specification
Awan	MIC-N642 Locking WIFI	IFA Antenna for WIFI 802.11a/b/g application



1.3 Working Frequencies

802.11b, 802.11g, 802.11n(20MHz)			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
01	2412	08	2447
02	2417	09	2452
03	2422	10	2457
04	2427	11	2462
05	2432		
06	2437		
07	2442	---	---

802.11n(40MHz)			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
01	---	08	2447
02	---	09	2452
03	2422	---	---
04	2427	---	---
05	2432	---	---
06	2437	---	---
07	2442	---	---



1.4 Power Parameter Value

Ch.	Freq(MHz)	802.11b	802.11g	802.11n HT20	802.11n HT40
1	2412	21	21	21	--
3	2422	--	--	--	21
6	2437	21	21	21	21
9	2452	--	--	--	21
11	2462	21	21	21	--



1.5 The Worst Transmission Mode

Test Mode
Mode 1: Transmit by 802.11b 1Mbps
Mode 2: Transmit by 802.11g 6Mbps
Mode 3: Transmit by 802.11n (20MHz) 6.5Mbps
Mode 4: Transmit by 802.11n (40MHz) 13.5Mbps

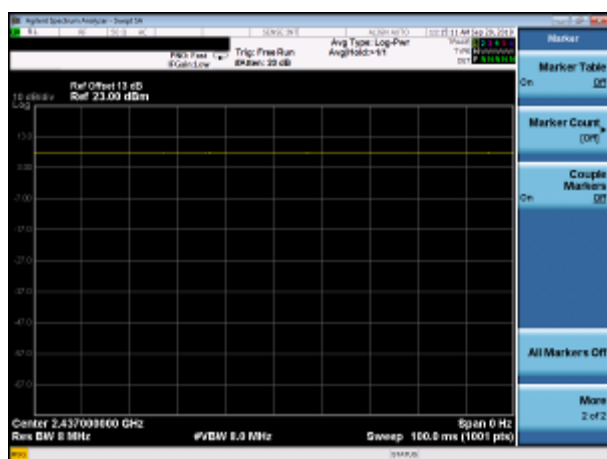


1.6 Duty Cycle

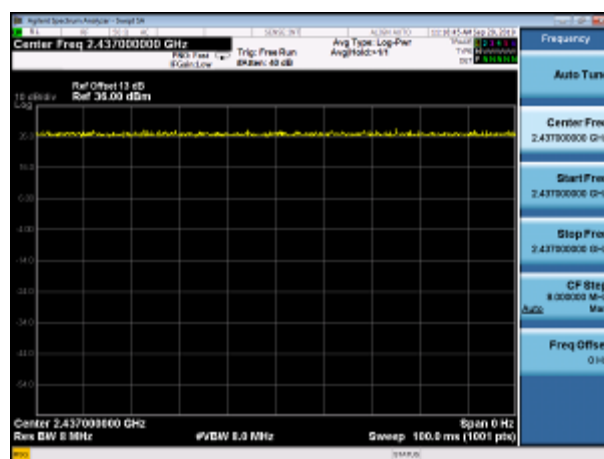
Test Item	Duty cycle
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Mode	Frequency (MHz)	Measurement (%)
802.11b	2437	100
802.11g	2437	100
802.11n(20MHz)	2437	100
802.11n(40MHz)	2437	100

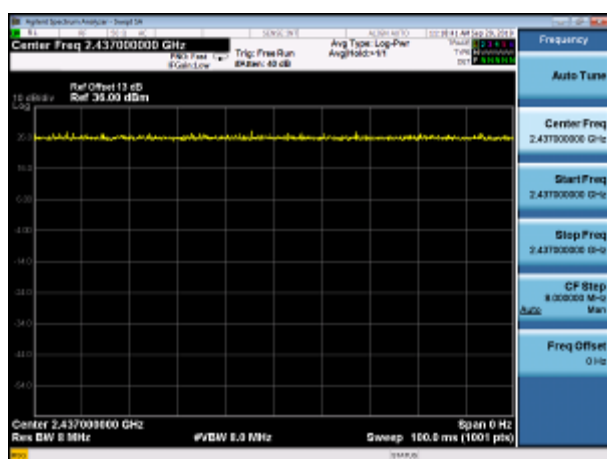
802.11b (2437MHz)



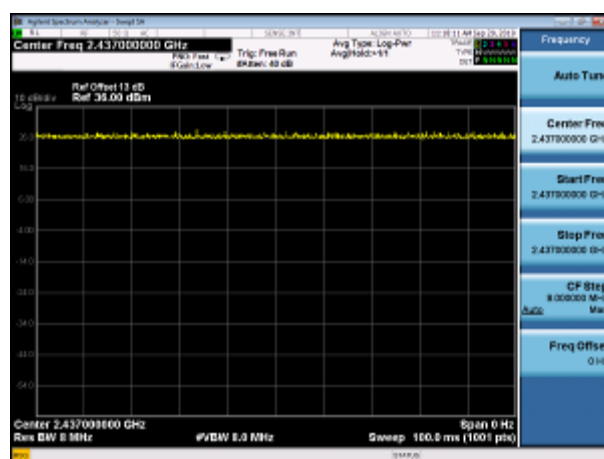
802.11g (2437MHz)



802.11n(20MHz)(2437MHz)



802.11n(40MHz)(2437MHz)





1.7 Test Manner

Test Manner	
a	Setup the EUT and simulators according to ANSI C63.10
b	Turn on the power of equipment.
c	Access the test software, set the test mode and test channel, then start to test.

Note: Regards to the frequency band operation: the lowest, middle and highest frequency of channel were selected to perform the test, then shown on this report.



2. Technical Test

2.1 Summary of Test Result

- ☒ No deviations from the test standards
☐ Deviations from the test standards as below description:

FCC/IC Part Section(s)	Test Description	Test Result
FCC CFR Title 47 Part 15 Subpart C: 2019 Section 15.207 RSS-Gen Issue 4 November 2014 Section 8.8	Conducted Emission	Compliance
FCC CFR Title 47 Part 15 Subpart C: 2019 Section 15.209 RSS-Gen Issue 4 November 2014 Section 8.9	Radiated Emission	Compliance
FCC CFR Title 47 Part 15 Subpart C: 2019 Section 15.247(d) RSS-247 Issue 2 February 2017 Section 5.5	RF Antenna Conducted Spurious	Compliance
FCC CFR Title 47 Part 15 Subpart C: 2019 15.247(d) RSS-247 Issue 2 February 2017 Section 5.5	Radiated Emission Band Edge	Compliance
FCC CFR Title 47 Part 15 Subpart C: 2019 15.215(c)	Operation Frequency Range of 20dB Bandwidth	Compliance
FCC CFR Title 47 Part 15 Subpart C: 2019 Section 15.247(a)(2) RSS-247 Issue 2 February 2017 Section 5.2(a)	Occupied Bandwidth	Compliance
FCC CFR Title 47 Part 15 Subpart C: 2019 Section 15.247(b)(3) RSS-247 Issue 2 February 2017 Section 5.4(d)	Output Power	Compliance
FCC CFR Title 47 Part 15 Subpart C: 2019 Section 15.247(e) RSS-247 Issue 2 February 2017 Section 5.2(b)	Power Spectral Density	Compliance



2.2 General Information of Test

☐	Test Site	Cepass Technology Corporation Test Laboratory Address: No.10, Ln. 2, Lianfu St., Luzhu Dist., Taoyuan City 33848, Taiwan (R.O.C.) Tel:+886-3-3226-888 Fax:+886-3-3226-881 Address: No.68-1, Shihbachongsi, Shihding Township, New Taipei City 223, Taiwan, R.O.C. Tel: +886-2-2663-8582
	TAF	1439
	FCC	TW1079, TW1061
	IC	4934E-1, 4934E-2
	VCCI	T-2205 for Telecommunication Test C-4663 for Conducted emission test R-4399, R-4218 for Radiated emission test G-812, G-813 for radiated disturbance above 1GHz
☒	Test Site	Cepass Technology (Suzhou) Co.,Ltd Address: No.66,Tangzhuang Road, Suzhou Industrial Park, Jiangsu 215006, China Tel: +86-512-6917-5888 Fax: +86-512-6917-5666
	CNAS	L5515
	FCC	CN1243
	A2LA	4981.01
	IC	7290A-1, 7290A-2
	VCCI	T-1945 for Telecommunication Test C-12919 for Conducted emission test R-12670 for Radiated emission test G-227 for radiated disturbance above 1GHz



2.3 Measuring Equipment

Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Due Date.
EMI Test Receiver	R&S	ESCI	101183	2019.06.28	2020.06.27
Preamplifier	HP	8447F	3113A05915	2019.02.25	2020. 02.24
Preamplifier	FIELD	AFS44-00101800 -25-10P-44	1579008	2018.10.14	2019.10.13
Bilog Antenna	Sunol Science	JB1	A072414-1	2019.06.26	2020.06.26
Spectrum Analyzer	Agilent	N9010A	MY45118947	2019.10.10	2020.10.09
Temperature/ Humidity Meter	mingle	ETH529	N/A	2019.02.25	2020. 02.24
Spectrum Analyzer	R&S	FSP40	100047	2019.03.07	2020.03.06
PREAMPLIFIER	AGILENT	8449B	3008A01954	2019.03.05	2020.03.04
HORN ANTENNA	EMCO	3115	31589	2019.03.09	2020.03.08
HIGH PASS FILTER	HP	84300-80038	002	2019.03.05	2020.03.04
SERIES POWER METER	ANRITSU	ML2495A	1224005	2019.03.05	2020.03.04
POWER SENSOR	ANRITSU	MA2411B	1207295	2019.03.05	2020.03.04
Bluetooth Tester	R&S	CBT	101133	2019.03.12	2020.03.11



2.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor ($k=2$)).

RF Conducted Measurement

Test Item		Uncertainty	Limit
Radio Frequency		$\pm 8.7 \times 10^{-7}$	$\pm 1 \times 10^{-5}$
RF output power, conducted		$\pm 0.63\text{dB}$	$\pm 1.5\text{dB}$
Power density, conducted		$\pm 1.21\text{dB}$	$\pm 3\text{dB}$
Unwanted emissions, conducted	30-1000MHz	$\pm 0.51\text{dB}$	$\pm 3\text{dB}$
	1-25GHz	$\pm 0.67\text{dB}$	$\pm 3\text{dB}$
All emissions, radiated	30-1000MHz	$\pm 2.28\text{dB}$	$\pm 6\text{dB}$
	1-25GHz	$\pm 2.59\text{dB}$	$\pm 6\text{dB}$
Temperature		$\pm 0.8^{\circ}\text{C}$	$\pm 1^{\circ}\text{C}$
Humidity		$\pm 3\%$	$\pm 5\%$
DC and low frequency voltages		$\pm 3\%$	$\pm 3\%$

AC Conducted Measurement

Measurement	Frequency	Uncertainty
Conducted emissions(LINE)	9KHz-30MHz	+/- 0.7738 dB
Conducted emissions(NEUTRAL)	9KHz-30MHz	+/- 0.7886 dB
Conducted emissions(10Mbps)	150KHz-30MHz	+/- 1.3013dB
Conducted emissions(100Mbps)	150KHz-30MHz	+/- 1.3197 dB
Conducted emissions(1000Mbps)	150KHz-30MHz	+/- 1.2987 dB

Radiated Measurement

Measurement	Polarity	Frequency	Uncertainty
Radiated emissions	Horizontal	below 1GHz	+/- 3.8936 dB
	Vertical	below 1GHz	+/- 3.8928 dB
	Horizontal	above 1GHz	+/- 5.18858dB
	Vertical	above 1GHz	+/- 5.18928 dB



3. AC Conducted Emission Measurement

3.1 Test Limit

Conducted Emissions were measured from 150 kHz to 30 MHz with a bandwidth of 9 KHz on the 120 VAC power and return leads of the EUT according to the methods defined in ANSI C63.10-2013 Section 6.2. The EUT was placed on a nonmetallic stand in a shielded room 0.8 meters above the ground plane as shown in section 6.2.2. The interface cables and equipment positioning were varied within limits of reasonable applications to determine the position produced maximum conducted emissions.

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	Quasi Peak (dB μ V)	Average (dB μ V)
0.15 – 0.5	66-56*	56-46*
0.5 – 5.0	56	46
5.0 – 30.0	60	50

*Decreases with the logarithm of the frequency.

3.2 Test Standard

Tested according to ANSI C63.10: 2013 Section 6.2 for compliance to FCC 47CFR 15.247 Part15.207 (a) requirements.

3.3 Test Procedures

The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs) Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

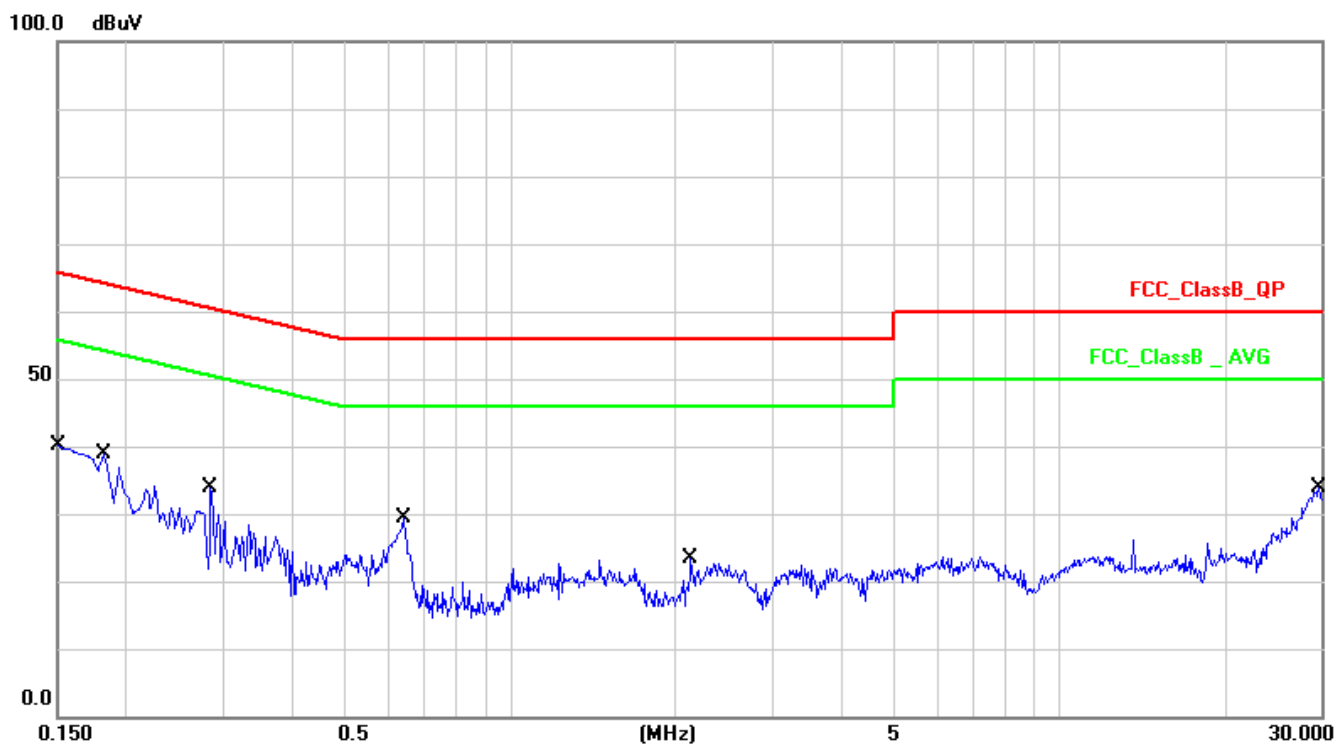
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.





3.5 Test Result

Test Standard:	FCC_ClassB_QP	Probe:	L1
Test item:	Conduction Emission	Test Time:	2019/8/1120:16:44
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(%)/Air p.(hpa):	26(°C)/60%/1000hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G		
Remark:	Adapter Power		



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1500	10.15	24.94	35.09	65.99	-30.90	QP
2	0.1500	10.15	8.24	18.39	55.99	-37.60	AVG
3	0.1819	10.13	23.32	33.45	64.39	-30.94	QP
4	0.1819	10.13	6.56	16.69	54.39	-37.70	AVG
5	0.2860	10.14	15.04	25.18	60.64	-35.46	QP
6	0.2860	10.14	3.13	13.27	50.64	-37.37	AVG
7	0.6419	10.15	15.91	26.06	56.00	-29.94	QP
8	0.6419	10.15	7.69	17.84	46.00	-28.16	AVG
9	2.1420	10.18	8.77	18.95	56.00	-37.05	QP
10	2.1420	10.18	2.50	12.68	46.00	-33.32	AVG
11	29.8340	10.48	17.13	27.61	60.00	-32.39	QP



12	29.8340	10.48	8.53	19.01	50.00	-30.99	AVG
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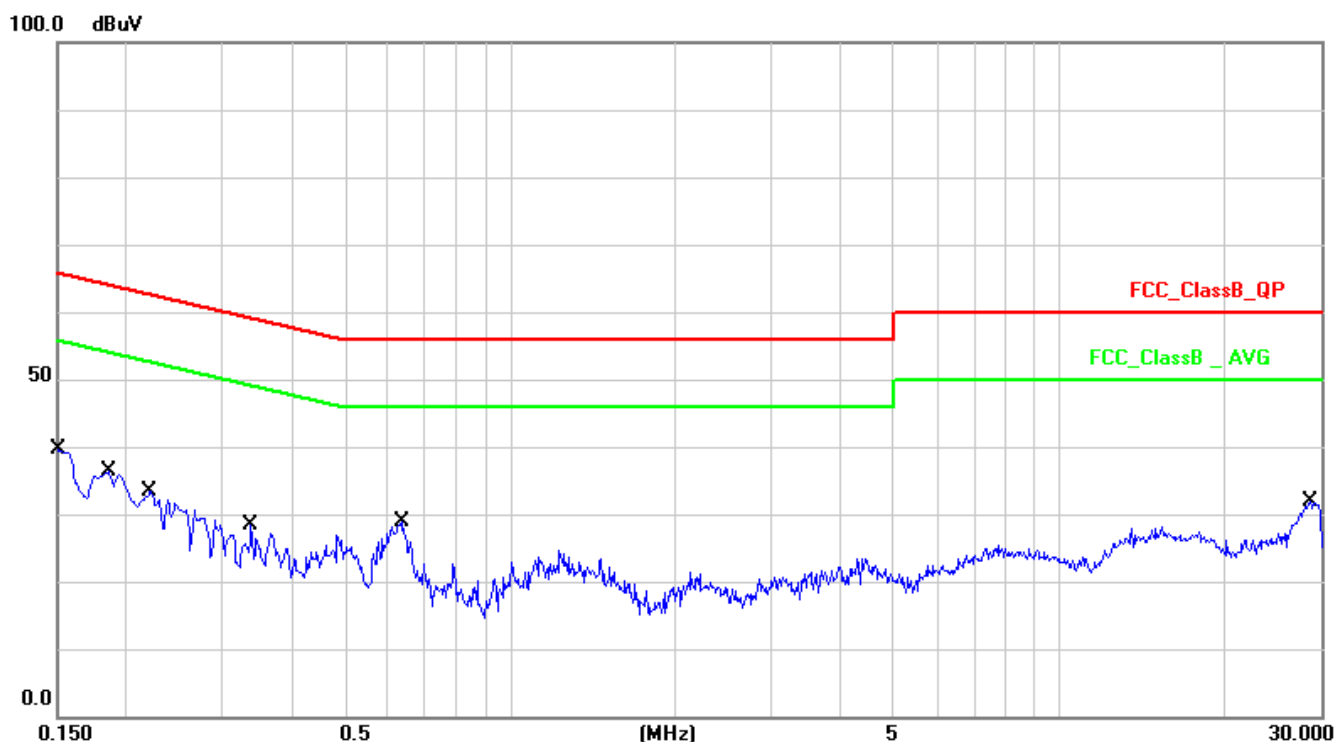
Note: Level = Reading + Factor

Margin = Level – Limit

Factor = (LISN or ISN or PLC or current probe) Factor + Cable Loss + Attenuator



Test Standard:	FCC_ClassB_QP	Probe:	N
Test item:	Conduction Emission	Test Time:	2019/8/1120:21:33
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(%)/Air p.(hpa):	26(°C)/60%/1000hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G		
Remark:	Adapter Power		



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1500	10.15	25.64	35.79	65.99	-30.20	QP
2	0.1500	10.15	9.15	19.30	55.99	-36.69	AVG
3	0.1860	10.14	21.18	31.32	64.21	-32.89	QP
4	0.1860	10.14	6.55	16.69	54.21	-37.52	AVG
5	0.2220	10.14	18.95	29.09	62.74	-33.65	QP
6	0.2220	10.14	5.53	15.67	52.74	-37.07	AVG
7	0.3379	10.14	12.57	22.71	59.25	-36.54	QP
8	0.3379	10.14	4.65	14.79	49.25	-34.46	AVG
9	0.6340	10.16	16.83	26.99	56.00	-29.01	QP
10	0.6340	10.16	8.34	18.50	46.00	-27.50	AVG
11	28.6740	10.33	15.19	25.52	60.00	-34.48	QP



12	28.6740	10.33	6.59	16.92	50.00	-33.08	AVG
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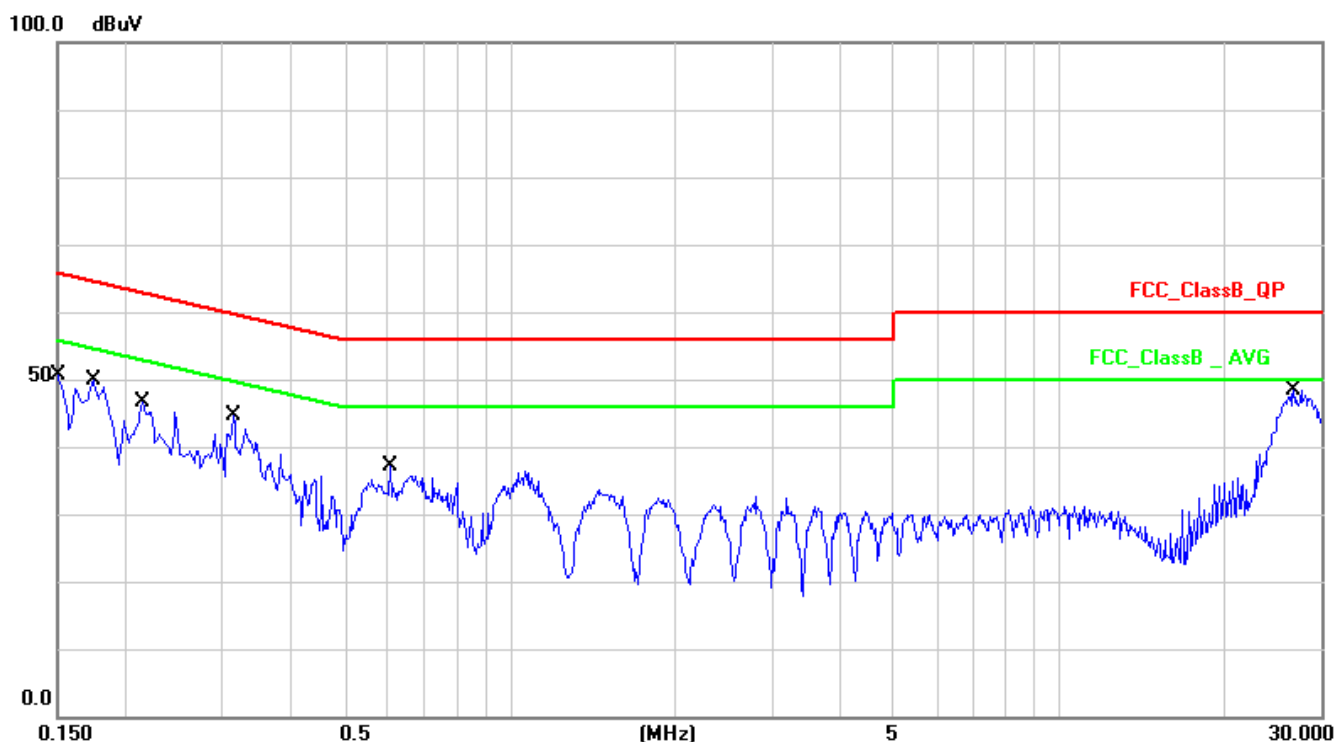
Note: Level = Reading + Factor

Margin = Level – Limit

Factor = (LISN or ISN or PLC or current probe) Factor + Cable Loss + Attenuator



Test Standard:	FCC_ClassB_QP	Probe:	L1
Test item:	Conduction Emission	Test Time:	2019/8/1119:38:16
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(%)/Air p.(hpa):	26(°C)/60%/1000hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G		
Remark:	POE Power		



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1500	10.15	36.53	46.68	65.99	-19.31	QP
2	0.1500	10.15	14.10	24.25	55.99	-31.74	AVG
3	0.1740	10.15	34.12	44.27	64.76	-20.49	QP
4	0.1740	10.15	12.57	22.72	54.76	-32.04	AVG
5	0.2140	10.13	30.82	40.95	63.04	-22.09	QP
6	0.2140	10.13	13.95	24.08	53.04	-28.96	AVG
7	0.3140	10.14	27.55	37.69	59.86	-22.17	QP
8	0.3140	10.14	14.47	24.61	49.86	-25.25	AVG
9	0.6060	10.15	19.73	29.88	56.00	-26.12	QP
10	0.6060	10.15	6.73	16.88	46.00	-29.12	AVG
11	26.8380	10.46	31.32	41.78	60.00	-18.22	QP



12	26.8380	10.46	19.30	29.76	50.00	-20.24	AVG
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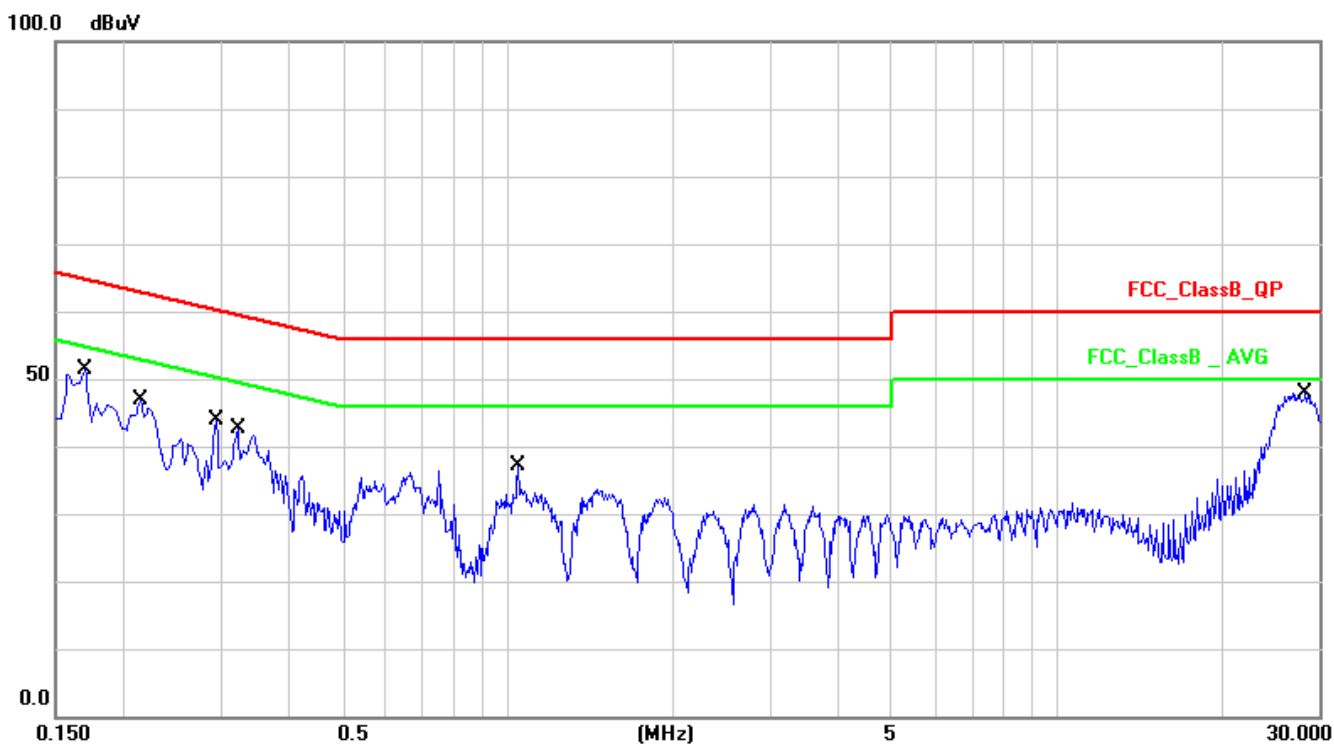
Note: Level = Reading + Factor

Margin = Level – Limit

Factor = (LISN or ISN or PLC or current probe) Factor + Cable Loss + Attenuator



Test Standard:	FCC_ClassB_QP	Probe:	N
Test item:	Conduction Emission	Test Time:	2019/8/1119:41:08
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(%)/Air p.(hpa):	26(°C)/60%/1000hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G		
Remark:	POE Power		



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1700	10.15	34.05	44.20	64.96	-20.76	QP
2	0.1700	10.15	13.36	23.51	54.96	-31.45	AVG
3	0.2140	10.14	30.22	40.36	63.04	-22.68	QP
4	0.2140	10.14	13.43	23.57	53.04	-29.47	AVG
5	0.2940	10.14	26.71	36.85	60.41	-23.56	QP
6	0.2940	10.14	13.53	23.67	50.41	-26.74	AVG
7	0.3234	10.14	28.81	38.95	59.62	-20.67	QP
8	0.3234	10.14	15.55	25.69	49.62	-23.93	AVG
9	1.0460	10.19	21.43	31.62	56.00	-24.38	QP
10	1.0460	10.19	8.44	18.63	46.00	-27.37	AVG



11	28.3980	10.33	33.30	43.63	60.00	-16.37	QP
12	28.3980	10.33	26.24	36.57	50.00	-13.43	AVG

Note: Level = Reading + Factor

Margin = Level – Limit

Factor = (LISN or ISN or PLC or current probe) Factor + Cable Loss + Attenuator



4. Radiated Emission Measurement

4.1 Test Limit

In any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. If the transmitter measurement is based on the maximum conducted output power, the attenuation required under this paragraph shall be 30dB instead of 20dB. In addition, radiated emissions which fall in section 15.205(a) the restricted bands must also comply with the radiated emission limit specified in section 15.209(a).

FCC Part 15 Subpart C Paragraph 15.209		
FREQUENCIES (MHz)	FIELD STRENGTH (micro volts/meter)	MEASUREMENT DISTANCE (meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

Note 1: The lower limit shall apply at the transition frequency.

Note 2: Distance refers to the distance in meters between the measuring instrument Antenna and the closed point of any part of the device or system.

Note 3: E field strength (dBuV/m) = 20 log E field strength (uV/m)

Note 4: **Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§15.231 and 15.241.

4.2 Test Standard

KDB 558074 D01v05r02 - Section 8.5 & Section 8.6



4.3 Test Procedures

Quasi-Peak Field Strength Measurements:

The specifications for measurements using the CISPR quasi-peak detector can be found in Publication 16 of the International Special Committee on Radio Frequency Interference (CISPR) of the International Electrotechnical Commission.

As an alternative to CISPR quasi-peak measurement, compliance can be demonstrated to the applicable emission limits using a peak detector.

Peak Field Strength Measurements:

Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

1. RBW=As specified in Table 1
2. VBW=3×RBW
3. Detector=Peak
4. Trace mode=Max hold
5. Sweep time=Auto couple
6. Allow the trace to stabilize

Table 1-RBW as a function of frequency

Frequency	RBW
9 ~ 150kHz	200 ~ 300Hz
0.15 ~ 30MHz	9 ~ 10kHz
30 ~ 1000MHz	100 ~ 120kHz
> 1000MHz	1MHz

AVE Field Strength Measurements:

Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

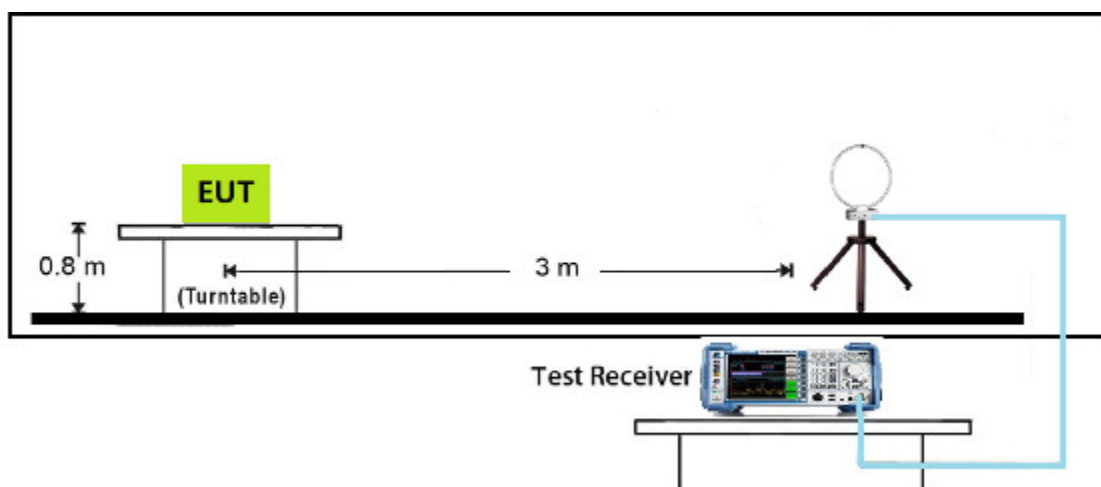
1. RBW= 1MHz
2. VBW≥1/T
3. Detector=Peak
4. Trace mode=Max hold
5. Sweep time=Auto couple
6. Allow max hold to run for at least 50 times(1/duty cycle) trace

As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to “Voltage” regardless of the display mode

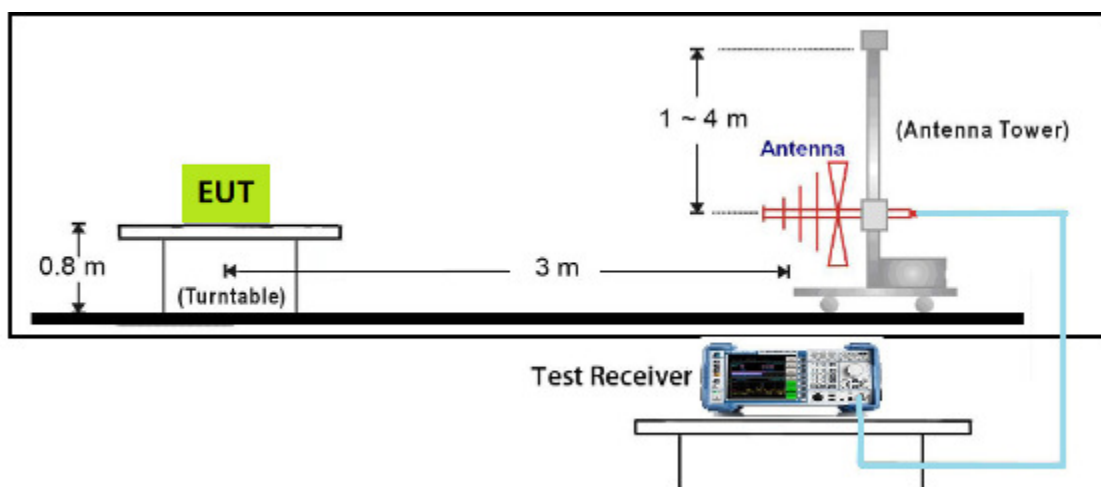


4.4 Test Setup Layout

9kHz~30MHz Test Setup

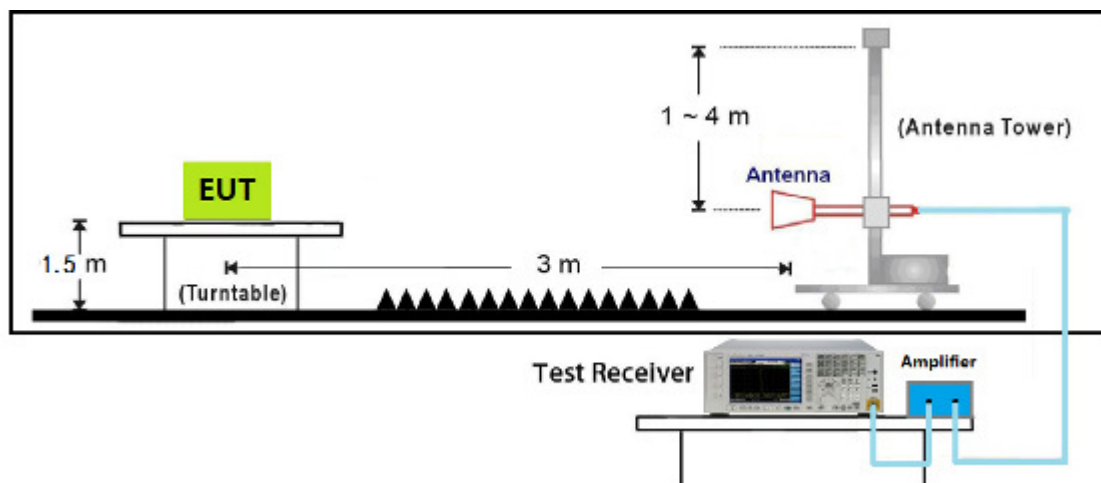


30MHz~1GHz Test Setup

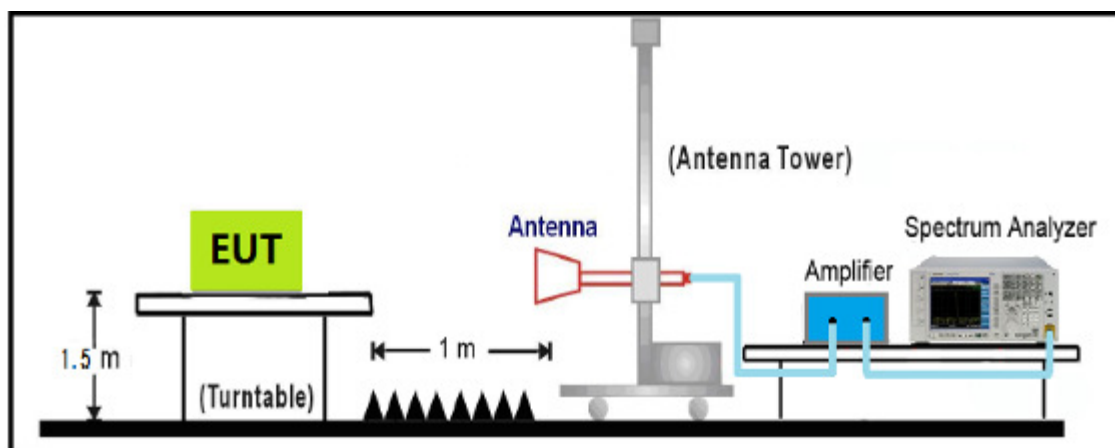




1GHz~18GHz Test Setup



18GHz~40GHz Test Setup

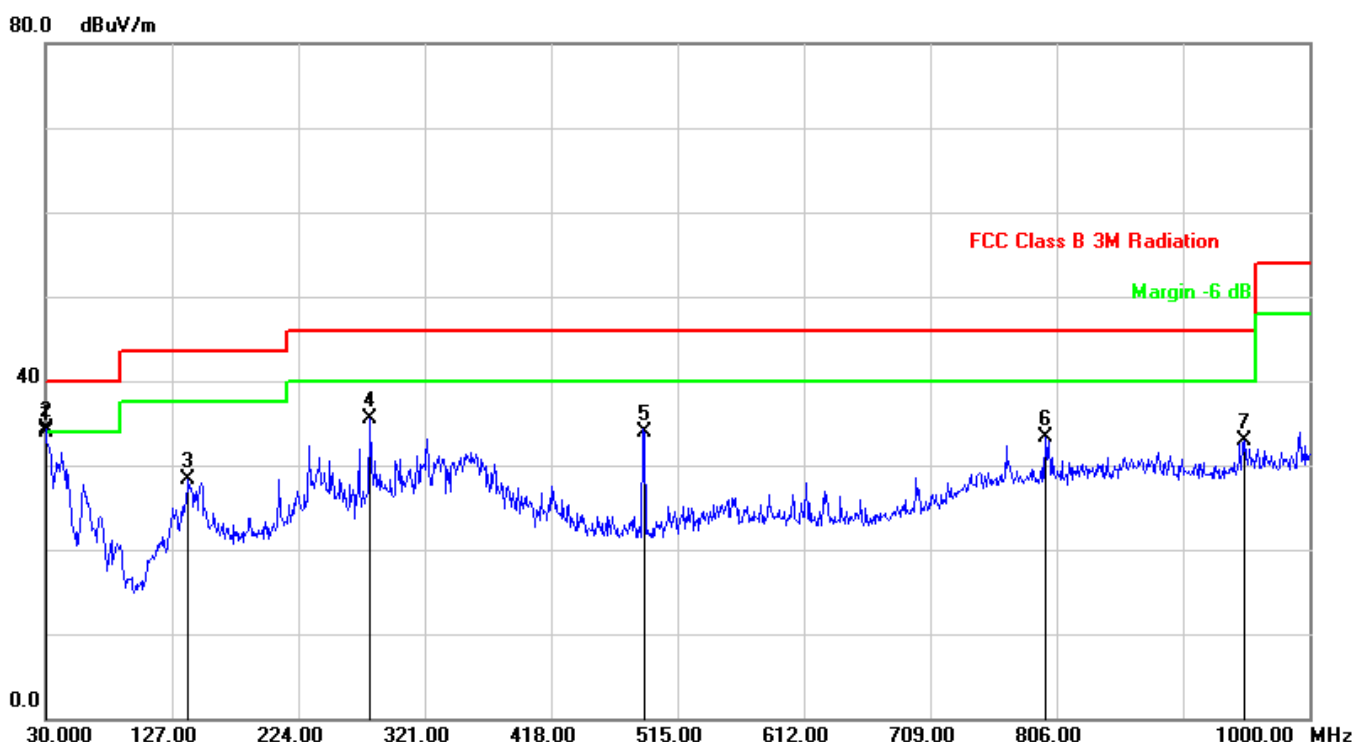




4.5 Test Result

The worst case of Radiated Emission below 1GHz:

Test Distance:	3M		
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2019-7-29 14:37:34
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G		
Remark:	Adapter Power		



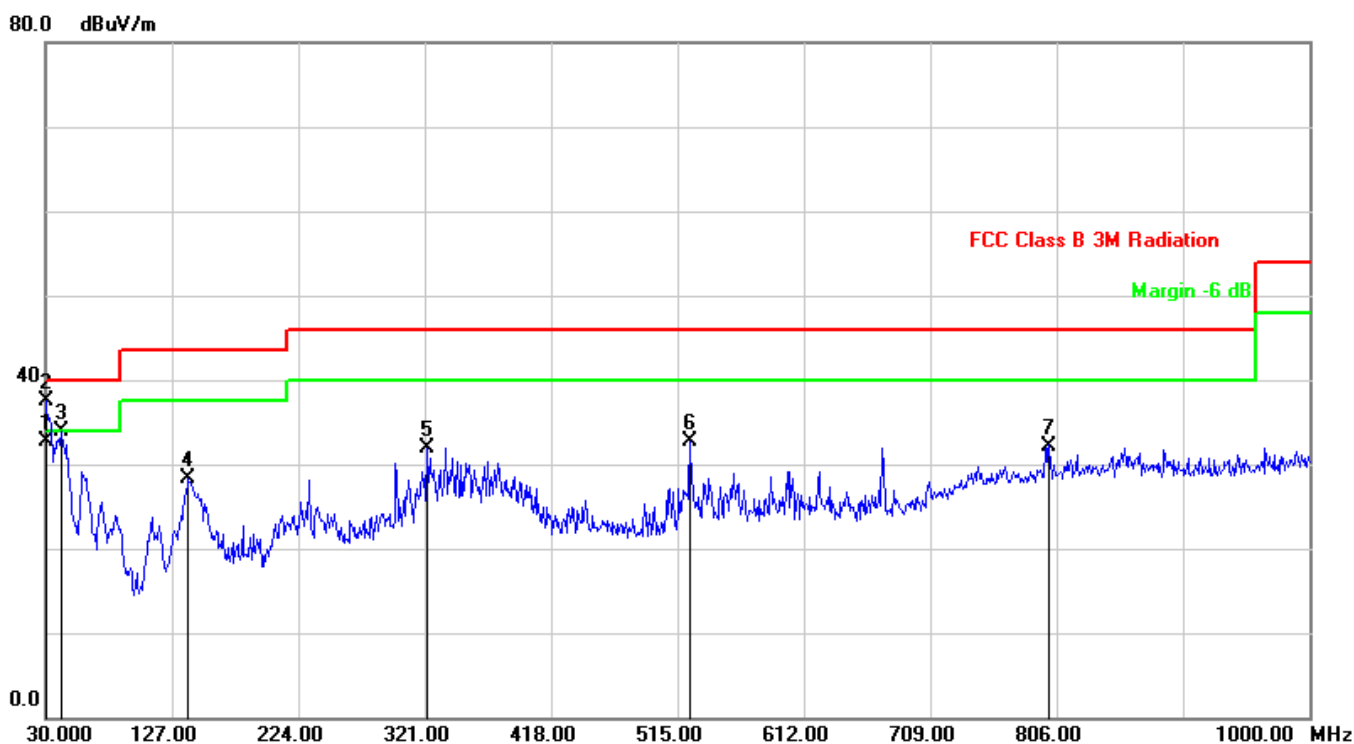
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	30.0000	-4.25	38.21	33.96	40.00	-6.04	QP
2	30.0000	-4.25	38.59	34.34	40.00	-5.66	peak
3	139.6100	-12.01	40.40	28.39	43.50	-15.11	peak
4	279.2900	-8.29	43.88	35.59	46.00	-10.41	peak
5	489.7798	-5.49	39.37	33.88	46.00	-12.12	peak
6	797.2698	1.78	31.59	33.37	46.00	-12.63	peak
7	950.5298	3.03	29.84	32.87	46.00	-13.13	peak

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)



Test Distance:	3M		
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2019-7-29 15:22:29
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(%)/Air p.(hpa):	26(°C)/60%/983hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G		
Remark:	Adapter Power		



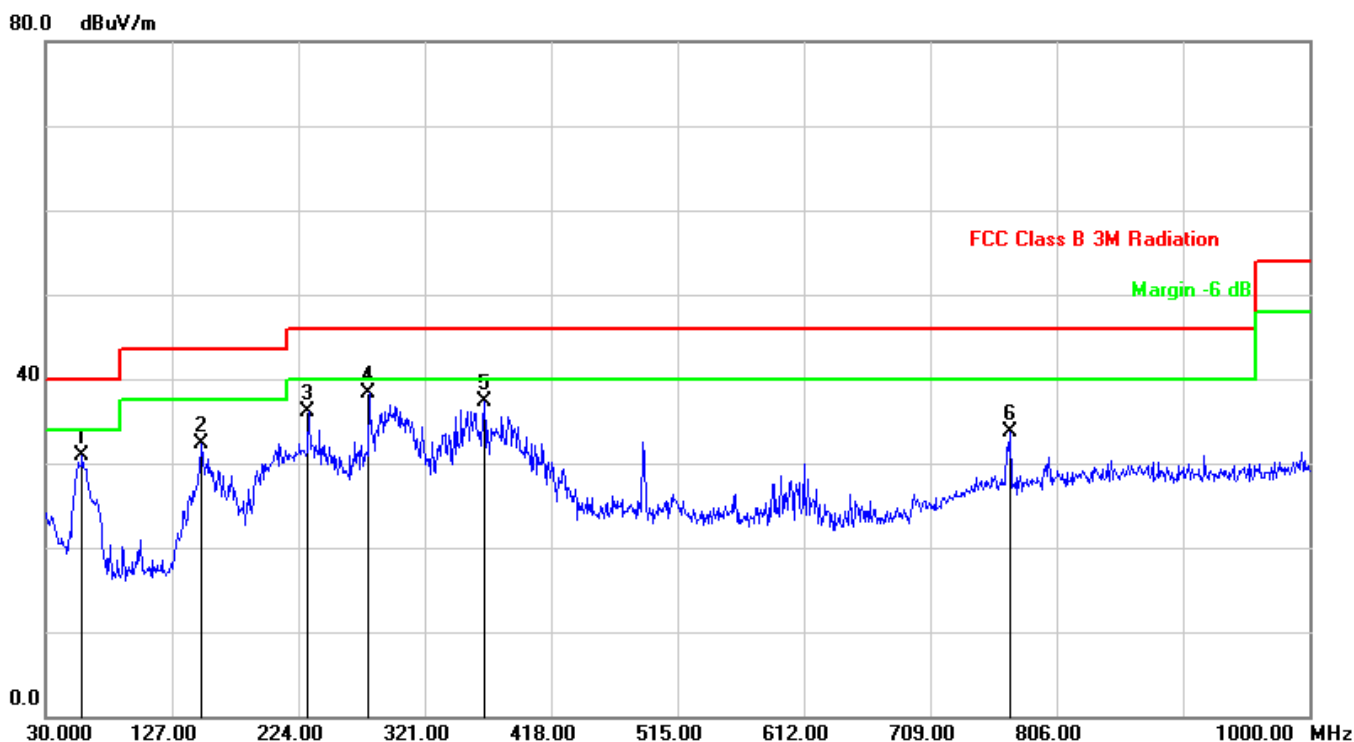
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	30.0000	-4.25	36.89	32.64	40.00	-7.36	QP
2	30.0000	-4.25	41.74	37.49	40.00	-2.51	peak
3	41.6400	-9.28	43.27	33.99	40.00	-6.01	peak
4	139.6100	-12.01	40.41	28.40	43.50	-15.10	peak
5	322.9399	-7.89	39.74	31.85	46.00	-14.15	peak
6	524.7000	-4.76	37.53	32.77	46.00	-13.23	peak
7	800.1799	1.82	30.38	32.20	46.00	-13.80	peak

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)



Test Distance:	3M	Ant. Polarization:	Horizontal
Test Standard:	FCC Class B 3M Radiation	Test Time:	2019-7-29 19:03:00
Test item:	Radiation Emission	Power Rating:	AC 120V/60Hz
Applicant:	Mitac Digital Technology Company	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Product:	Tablet	Test Engineer:	Chris
Model No.:	N642		
Test Mode:	Wi-Fi 2.4G		
Remark:	POE Power		



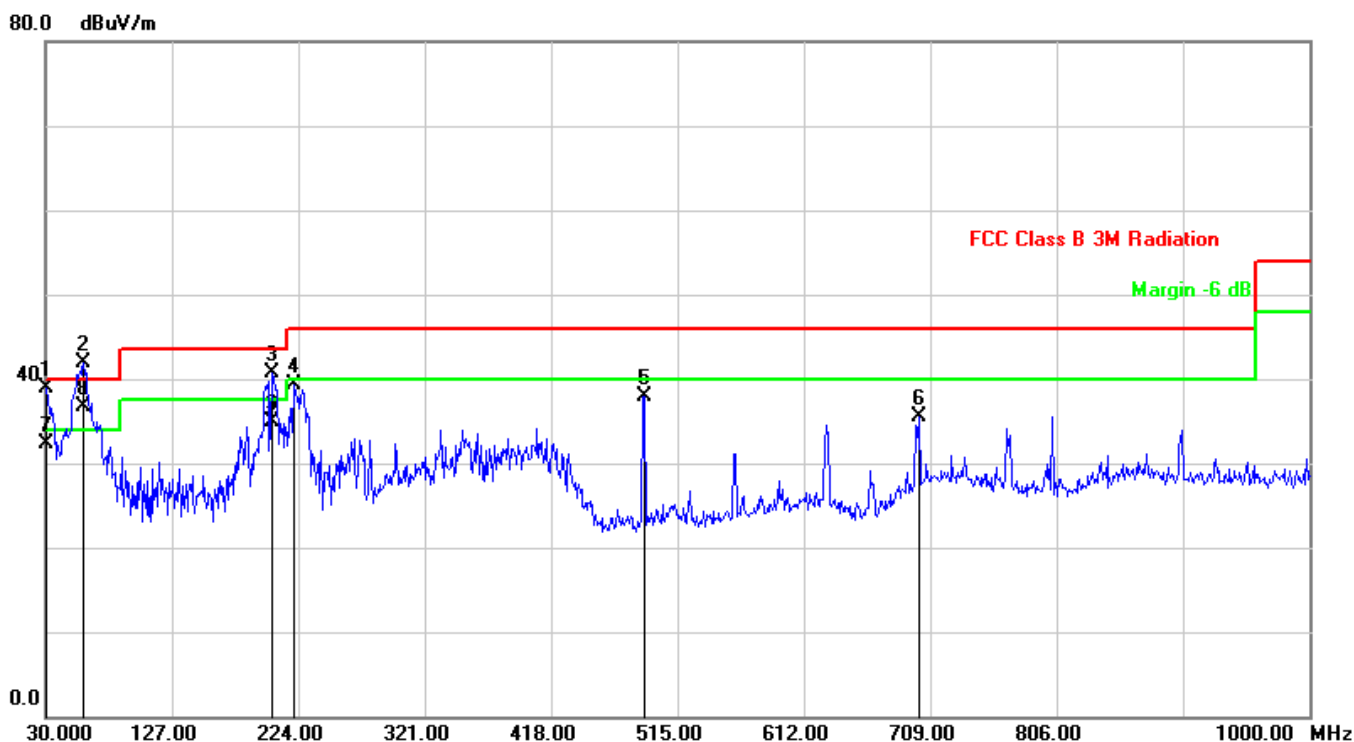
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	58.1300	-14.55	45.41	30.86	40.00	-9.14	peak
2	149.3100	-12.52	44.83	32.31	43.50	-11.19	peak
3	231.7599	-10.96	46.99	36.03	46.00	-9.97	peak
4	278.3199	-8.38	46.65	38.27	46.00	-7.73	peak
5	366.5899	-7.65	44.98	37.33	46.00	-8.67	peak
6	770.1100	1.42	32.20	33.62	46.00	-12.38	peak

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)



Test Distance:	3M	Ant. Polarization:	Vertical
Test Standard:	FCC Class B 3M Radiation	Test Time:	2019-7-29 19:06:13
Test item:	Radiation Emission	Power Rating:	AC 120V/60Hz
Applicant:	Mitac Digital Technology Company	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Product:	Tablet	Test Engineer:	Chris
Model No.:	N642		
Test Mode:	Wi-Fi 2.4G		
Remark:	POE Power		



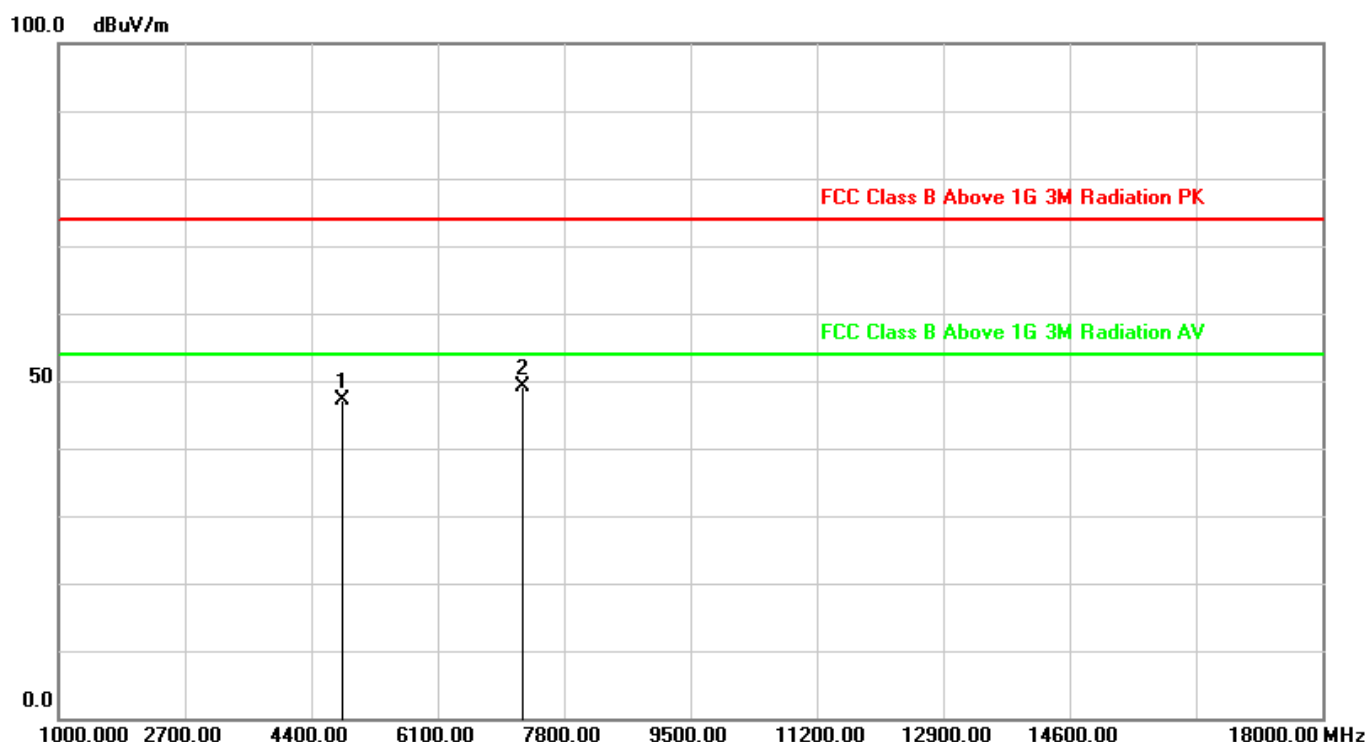
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	30.9699	-2.85	41.81	38.96	40.00	-1.04	peak
2	59.1000	-12.51	54.35	41.84	40.00	1.84	peak
3	203.6299	-12.39	53.13	40.74	43.50	-2.76	peak
4	220.1200	-12.19	51.51	39.32	46.00	-6.68	peak
5	489.7799	-5.54	43.42	37.88	46.00	-8.12	peak
6	700.2698	1.13	34.40	35.53	46.00	-10.47	peak
7	30.9699	-2.85	35.22	32.37	40.00	-7.63	QP
8	59.1000	-12.51	49.29	36.78	40.00	-3.22	QP
9	203.6299	-12.39	47.27	34.88	43.50	-8.62	QP

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

**Radiated Emission above 1GHz:**

Test Distance:	3M		
Test Standard:	FCC Class B Above 1G 3M	Ant. Polarization:	Horizontal
	Radiation PK		
Test item:	Radiation Emission	Test Time:	2019-8-514:06:17
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G-802.11b 2412MHz		
Remark:	POE Power		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	4824.000	3.32	44.11	47.43	74.00	-26.57	peak
2	7236.000	8.22	41.10	49.32	74.00	-24.68	peak

Note: 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or AVG measurements as necessary.

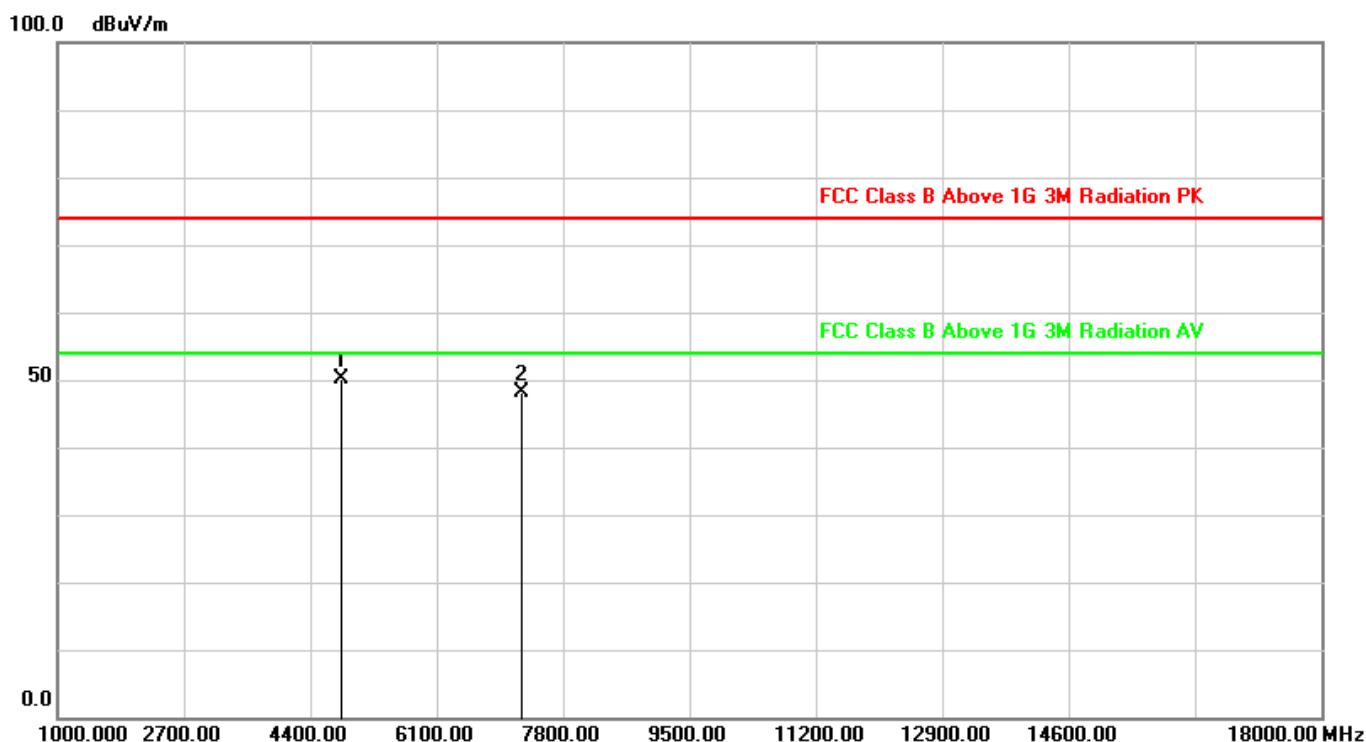
2. Measurement Level = Reading Level + Correct Factor.

3. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~40GHz), therefore no data appear in the report.

4. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.



Test Distance:	3M		
Test Standard:	FCC Class B Above 1G 3M	Ant. Polarization:	Vertical
	Radiation PK		
Test item:	Radiation Emission	Test Time:	2019-8-514:10:58
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G-802.11b 2412MHz		
Remark:	POE Power		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	4824.000	3.32	46.72	50.04	74.00	-23.96	peak
2	7236.000	8.22	39.94	48.16	74.00	-25.84	peak

Note: 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or AVG measurements as necessary.

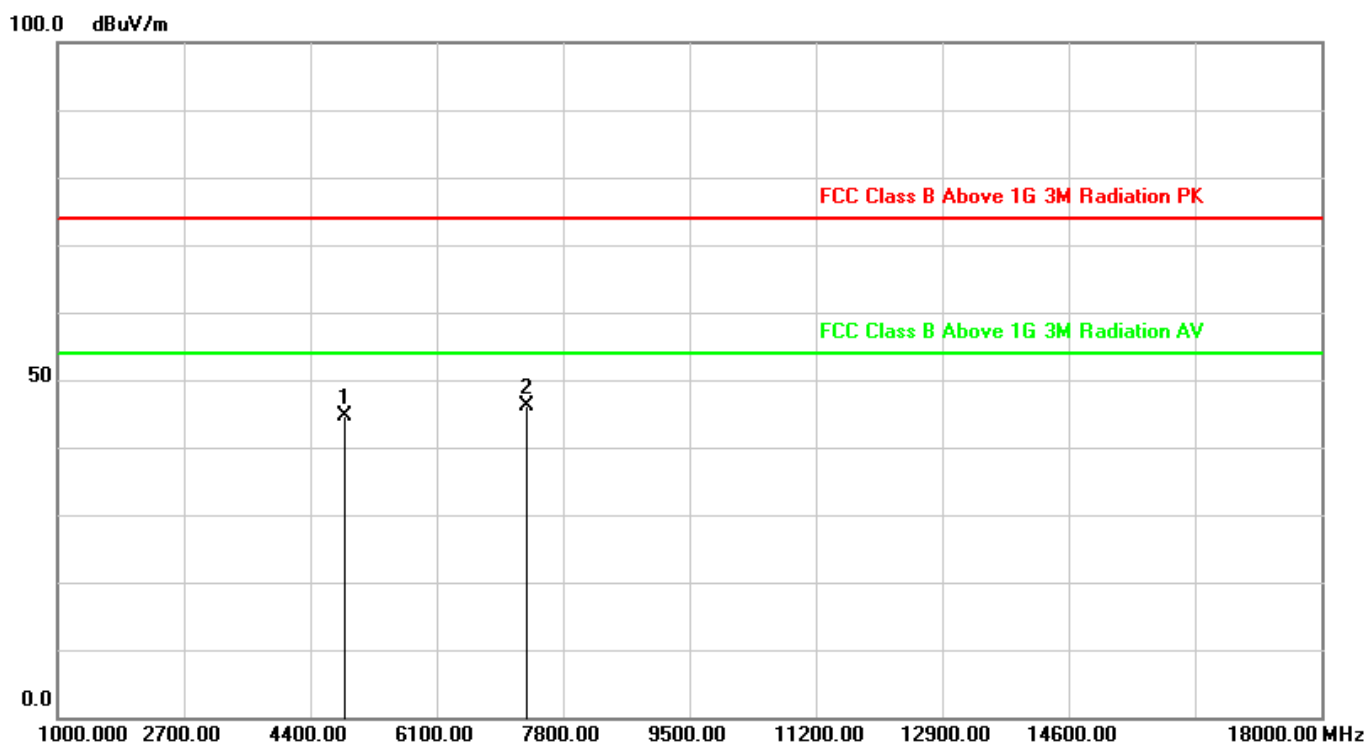
2. Measurement Level = Reading Level + Correct Factor.

3. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~40GHz), therefore no data appear in the report.

4. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.



Test Distance:	3M		
Test Standard:	FCC Class B Above 1G 3M	Ant. Polarization:	Horizontal
	Radiation PK		
Test item:	Radiation Emission	Test Time:	2019-8-514:13:46
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G-802.11b 2437MHz		
Remark:	POE Power		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	4874.000	3.42	41.16	44.58	74.00	-29.42	peak
2	7311.000	8.27	37.79	46.06	74.00	-27.94	peak

Note: 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or AVG measurements as necessary.

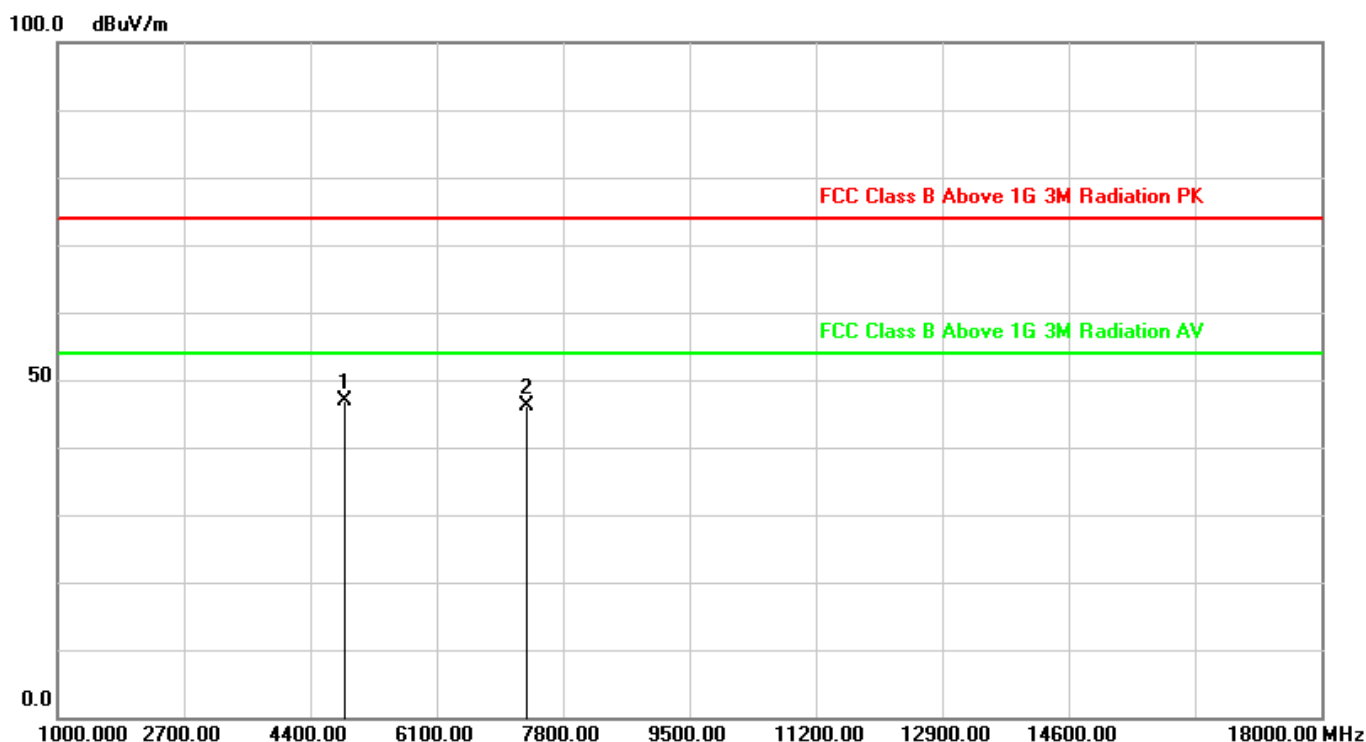
2. Measurement Level = Reading Level + Correct Factor.

3. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~40GHz), therefore no data appear in the report.

4. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.



Test Distance:	3M		
Test Standard:	FCC Class B Above 1G 3M	Ant. Polarization:	Vertical
	Radiation PK		
Test item:	Radiation Emission	Test Time:	2019-8-514:16:16
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G-802.11b 2437MHz		
Remark:	POE Power		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	4874.000	3.42	43.55	46.97	74.00	-27.03	peak
2	7311.000	8.27	38.10	46.37	74.00	-27.63	peak

Note: 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or AVG measurements as necessary.

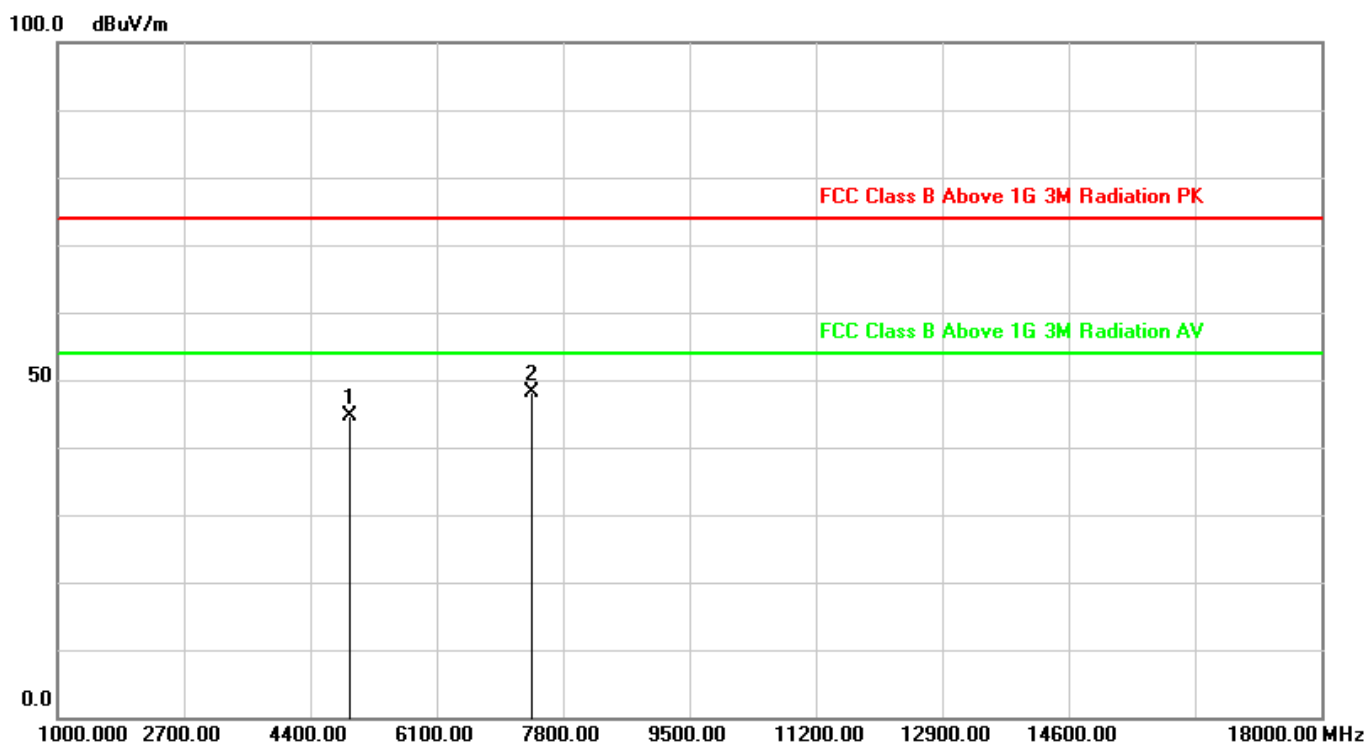
2. Measurement Level = Reading Level + Correct Factor.

3. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~40GHz), therefore no data appear in the report.

4. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.



Test Distance:	3M		
Test Standard:	FCC Class B Above 1G 3M	Ant. Polarization:	Horizontal
	Radiation PK		
Test item:	Radiation Emission	Test Time:	2019-8-514:19:04
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G-802.11b 2462MHz		
Remark:	POE Power		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	4924.000	3.52	41.16	44.68	74.00	-29.32	peak
2	7386.000	8.32	39.97	48.29	74.00	-25.71	peak

Note: 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or AVG measurements as necessary.

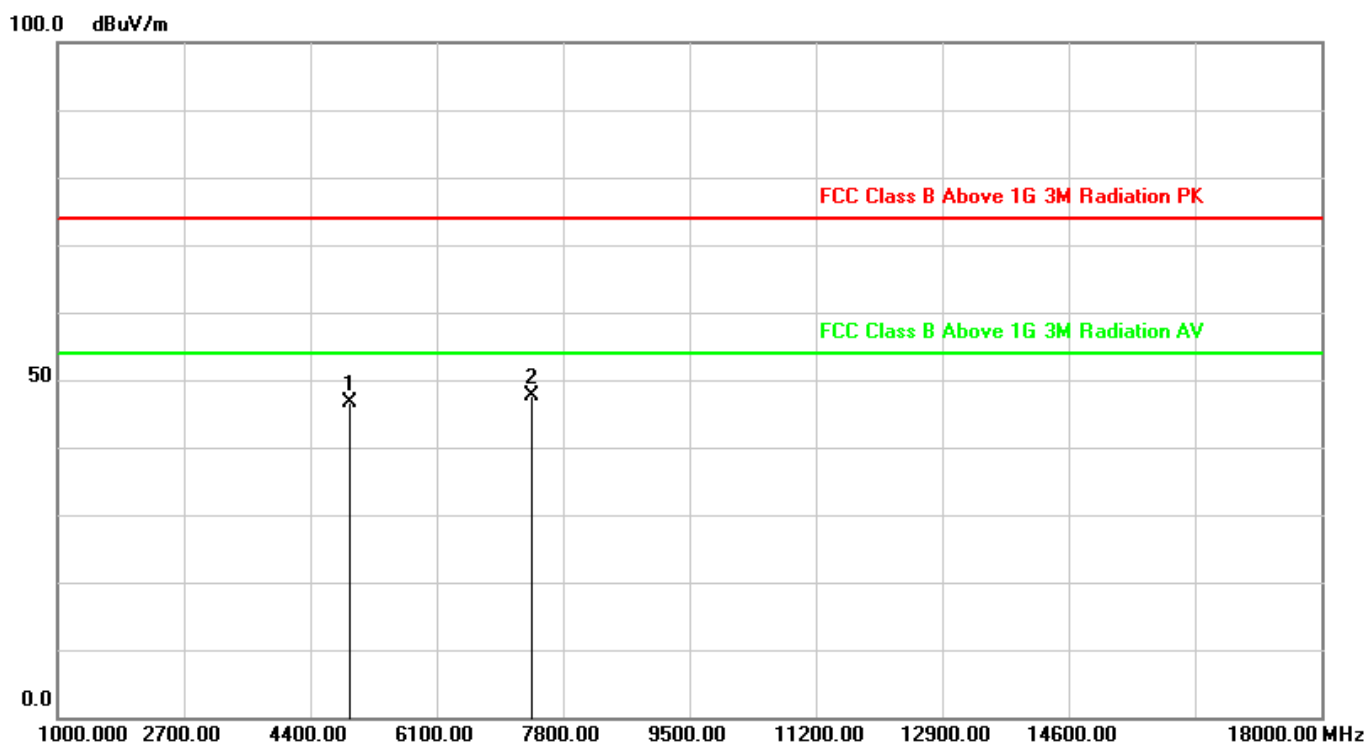
2. Measurement Level = Reading Level + Correct Factor.

3. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~40GHz), therefore no data appear in the report.

4. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.



Test Distance:	3M		
Test Standard:	FCC Class B Above 1G 3M	Ant. Polarization:	Vertical
	Radiation PK		
Test item:	Radiation Emission	Test Time:	2019-8-514:22:18
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G-802.11b 2462MHz		
Remark:	POE Power		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	4924.000	3.52	43.02	46.54	74.00	-27.46	peak
2	7386.000	8.32	39.45	47.77	74.00	-26.23	peak

Note: 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or AVG measurements as necessary.

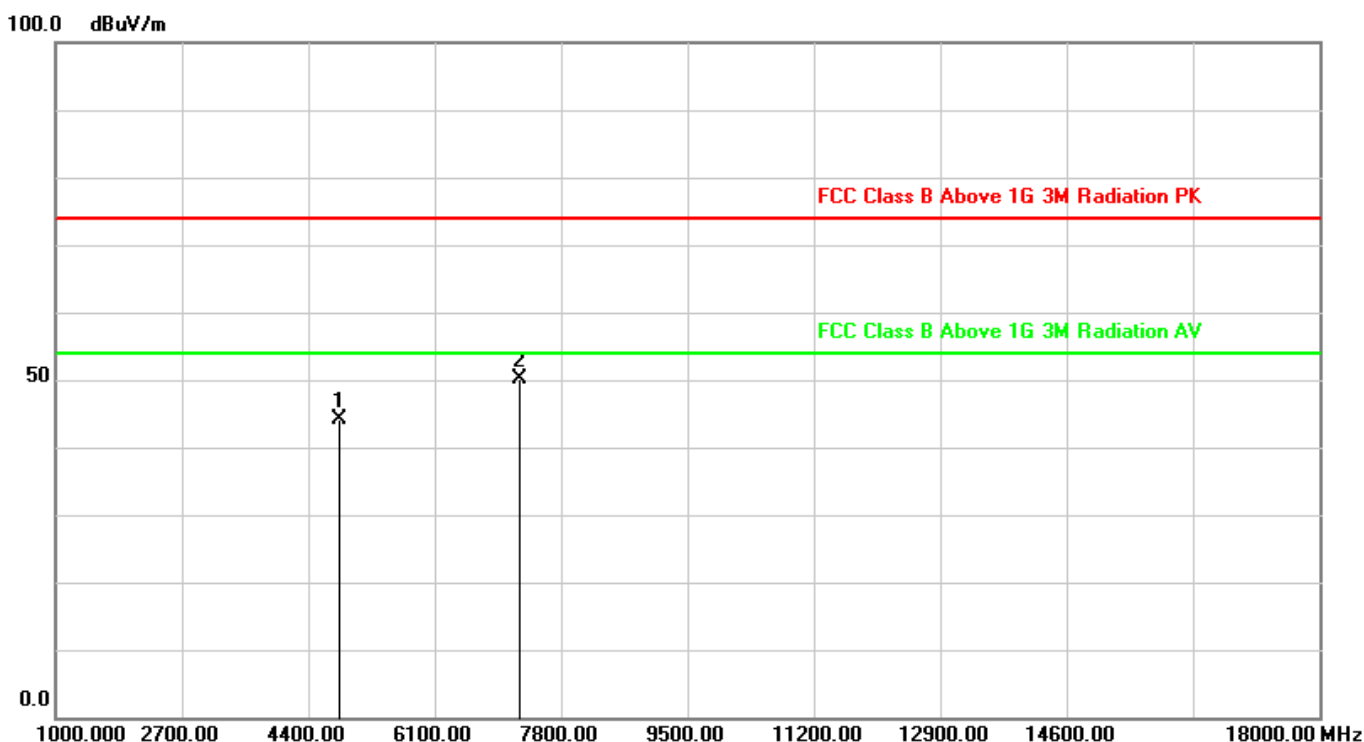
2. Measurement Level = Reading Level + Correct Factor.

3. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~40GHz), therefore no data appear in the report.

4. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.



Test Distance:	3M		
Test Standard:	FCC Class B Above 1G 3M	Ant. Polarization:	Horizontal
	Radiation PK		
Test item:	Radiation Emission	Test Time:	2019-8-514:25:23
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G-802.11g 2412MHz		
Remark:	POE Power		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	4824.000	3.32	40.95	44.27	74.00	-29.73	peak
2	7236.000	8.22	41.98	50.20	74.00	-23.80	peak

Note: 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or AVG measurements as necessary.

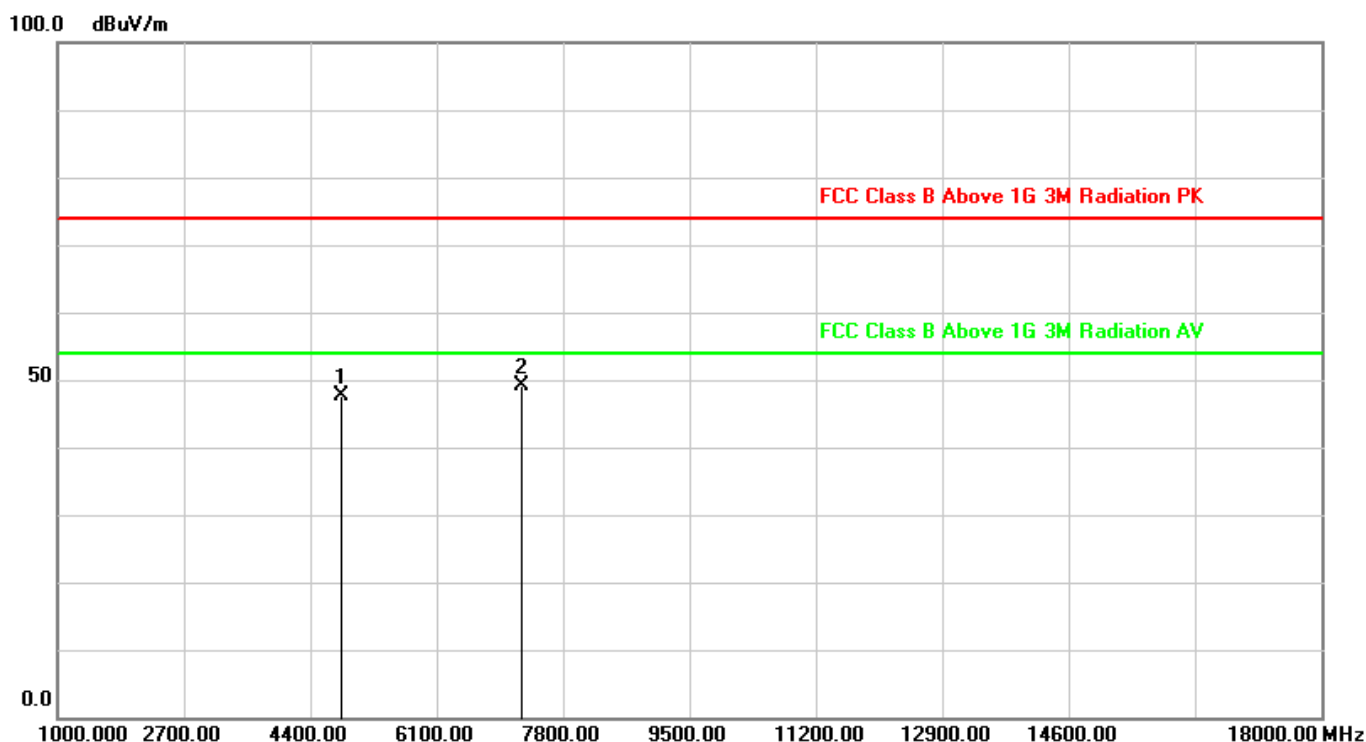
2. Measurement Level = Reading Level + Correct Factor.

3. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~40GHz), therefore no data appear in the report.

4. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.



Test Distance:	3M		
Test Standard:	FCC Class B Above 1G 3M	Ant. Polarization:	Vertical
	Radiation PK		
Test item:	Radiation Emission	Test Time:	2019-8-514:27:01
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G-802.11g 2412MHz		
Remark:	POE Power		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	4824.000	3.32	42.23	45.55	74.00	-28.45	peak
2	7236.000	8.22	42.22	50.44	74.00	-23.56	peak

Note: 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or AVG measurements as necessary.

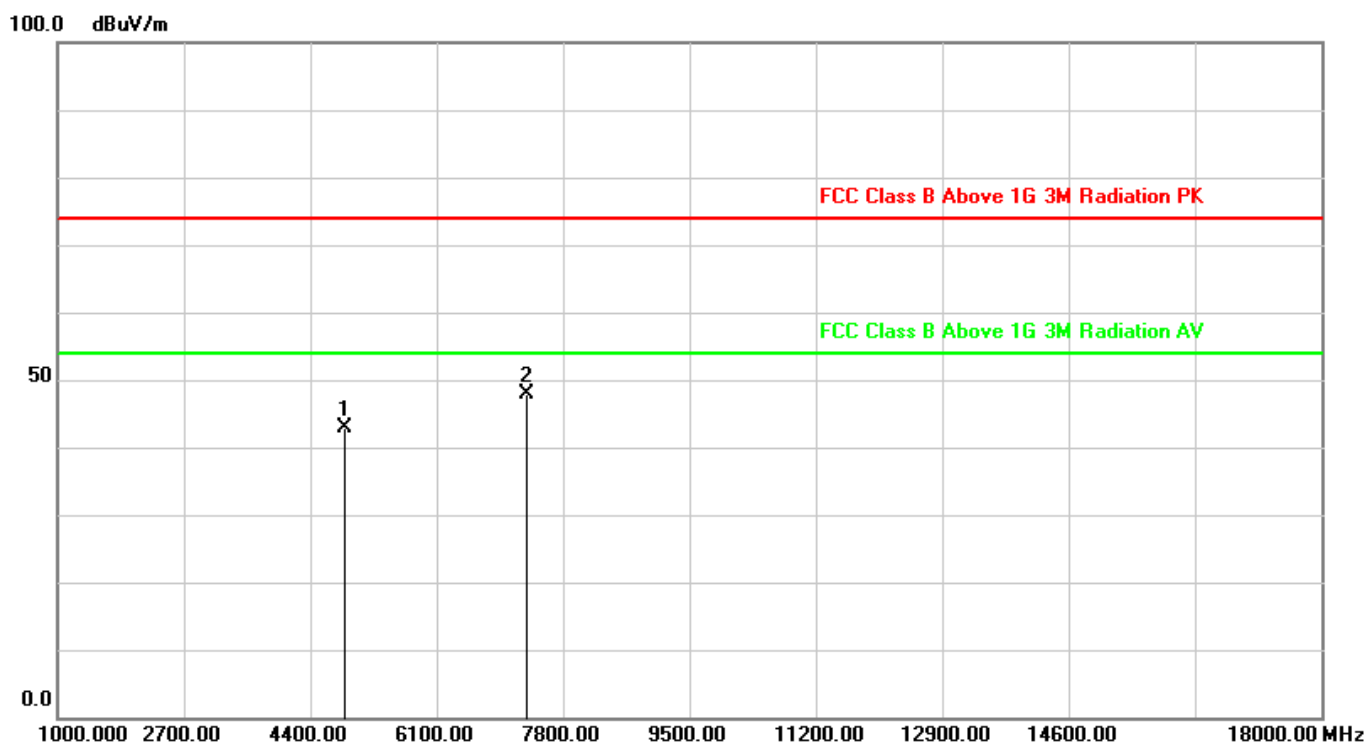
2. Measurement Level = Reading Level + Correct Factor.

3. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~40GHz), therefore no data appear in the report.

4. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.



Test Distance:	3M		
Test Standard:	FCC Class B Above 1G 3M	Ant. Polarization:	Horizontal
	Radiation PK		
Test item:	Radiation Emission	Test Time:	2019-8-514:29:26
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G-802.11g 2437MHz		
Remark:	POE Power		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	4874.000	3.42	39.48	42.90	74.00	-31.10	peak
2	7311.000	8.27	39.52	47.79	74.00	-26.21	peak

Note: 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or AVG measurements as necessary.

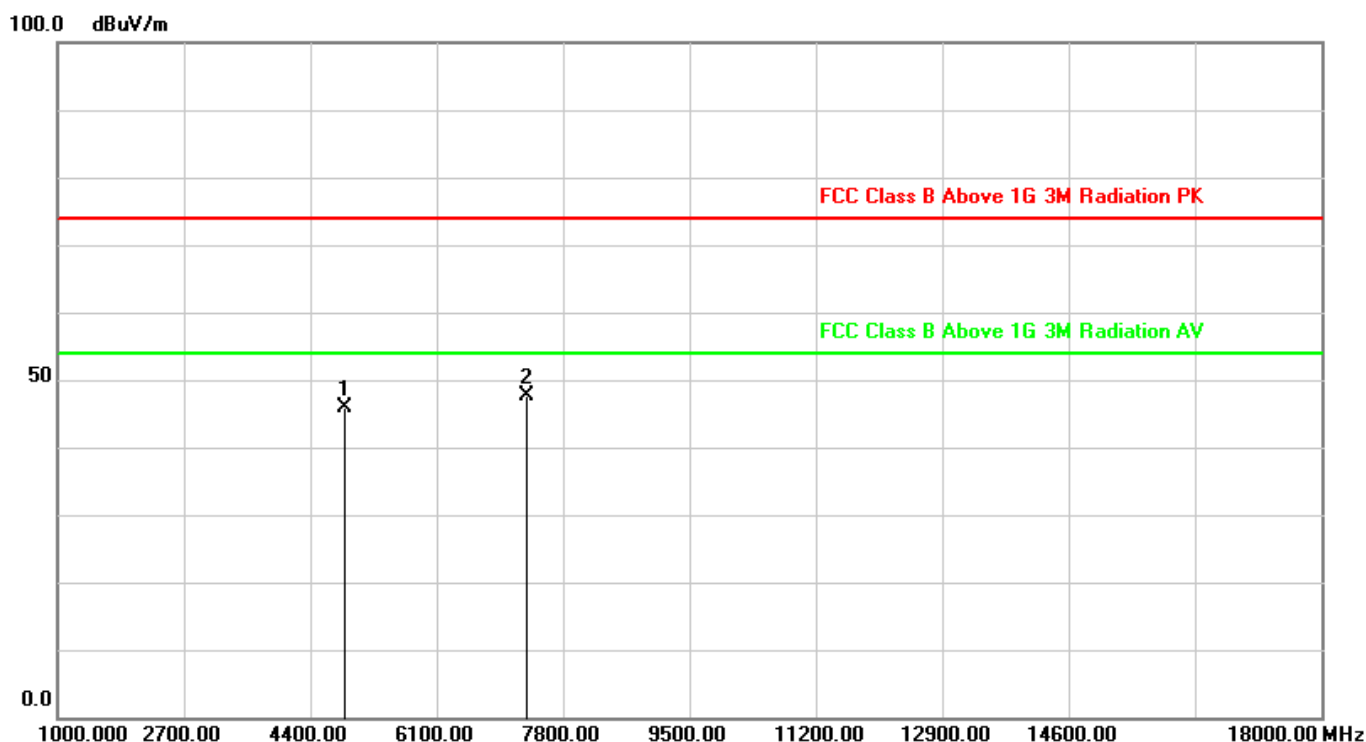
2. Measurement Level = Reading Level + Correct Factor.

3. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~40GHz), therefore no data appear in the report.

4. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.



Test Distance:	3M		
Test Standard:	FCC Class B Above 1G 3M	Ant. Polarization:	Vertical
	Radiation PK		
Test item:	Radiation Emission	Test Time:	2019-8-514:31:24
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G-802.11g 2437MHz		
Remark:	POE Power		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	4874.000	3.42	42.54	45.96	74.00	-28.04	peak
2	7311.000	8.27	39.64	47.91	74.00	-26.09	peak

Note: 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or AVG measurements as necessary.

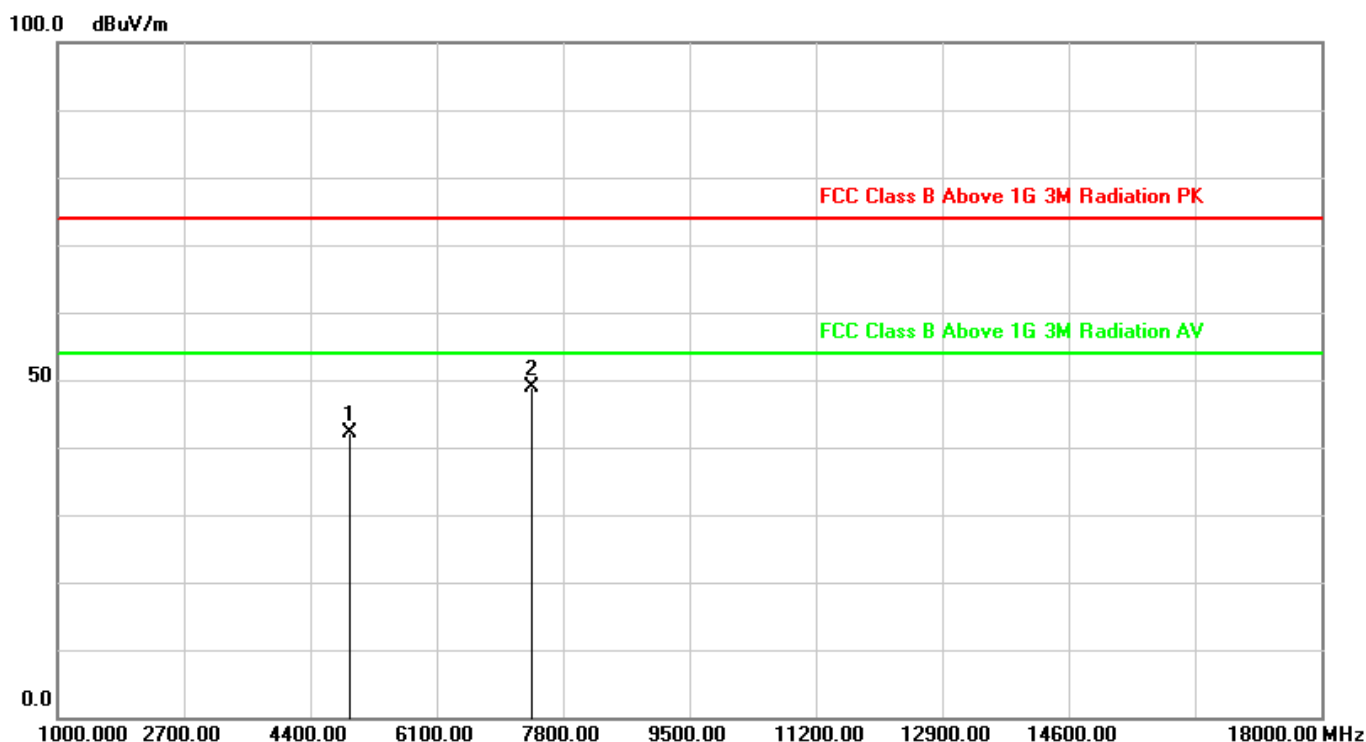
2. Measurement Level = Reading Level + Correct Factor.

3. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~40GHz), therefore no data appear in the report.

4. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.



Test Distance:	3M		
Test Standard:	FCC Class B Above 1G 3M	Ant. Polarization:	Horizontal
	Radiation PK		
Test item:	Radiation Emission	Test Time:	2019-8-514:34:56
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G-802.11g 2462MHz		
Remark:	POE Power		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	4924.000	3.52	38.75	42.27	74.00	-31.73	peak
2	7386.000	8.32	40.68	49.00	74.00	-25.00	peak

Note: 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or AVG measurements as necessary.

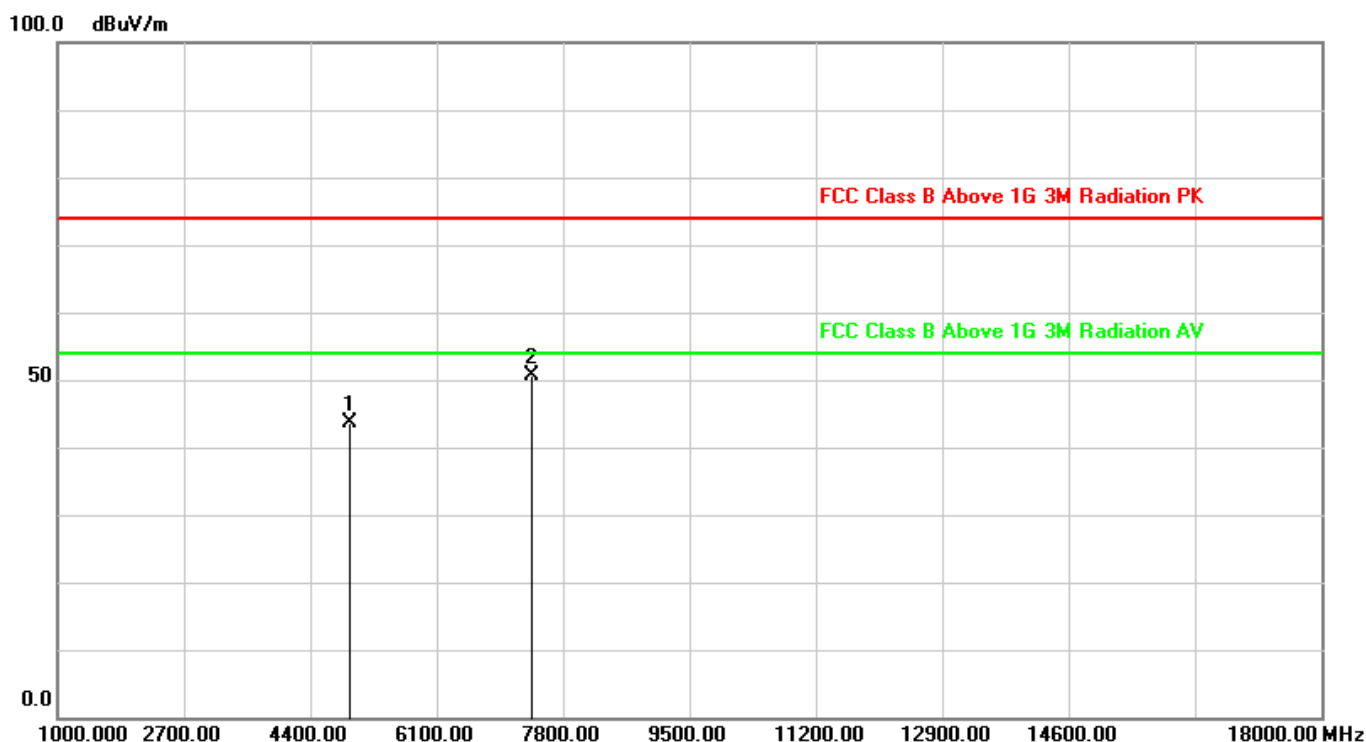
2. Measurement Level = Reading Level + Correct Factor.

3. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~40GHz), therefore no data appear in the report.

4. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.



Test Distance:	3M		
Test Standard:	FCC Class B Above 1G 3M	Ant. Polarization:	Vertical
	Radiation PK		
Test item:	Radiation Emission	Test Time:	2019-8-514:37:47
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G-802.11g 2462MHz		
Remark:	POE Power		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	4924.000	3.52	40.12	43.64	74.00	-30.36	peak
2	7386.000	8.32	42.26	50.58	74.00	-23.42	peak

Note: 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or AVG measurements as necessary.

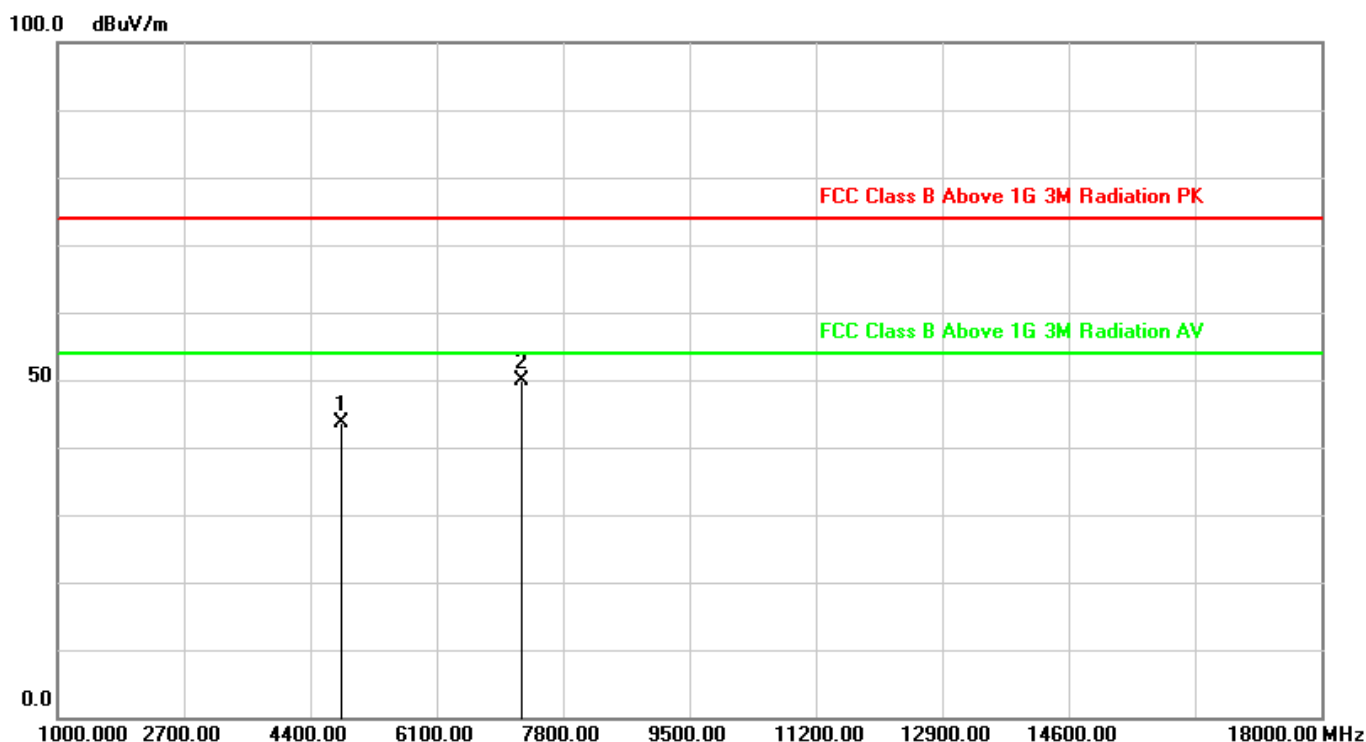
2. Measurement Level = Reading Level + Correct Factor.

3. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~40GHz), therefore no data appear in the report.

4. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.



Test Distance:	3M		
Test Standard:	FCC Class B Above 1G 3M	Ant. Polarization:	Horizontal
	Radiation PK		
Test item:	Radiation Emission	Test Time:	2019-8-514:41:52
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G-802.11n-HT20 2412MHz		
Remark:	POE Power		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	4824.000	3.32	40.35	43.67	74.00	-30.33	peak
2	7236.000	8.22	41.64	49.86	74.00	-24.14	peak

Note: 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or AVG measurements as necessary.

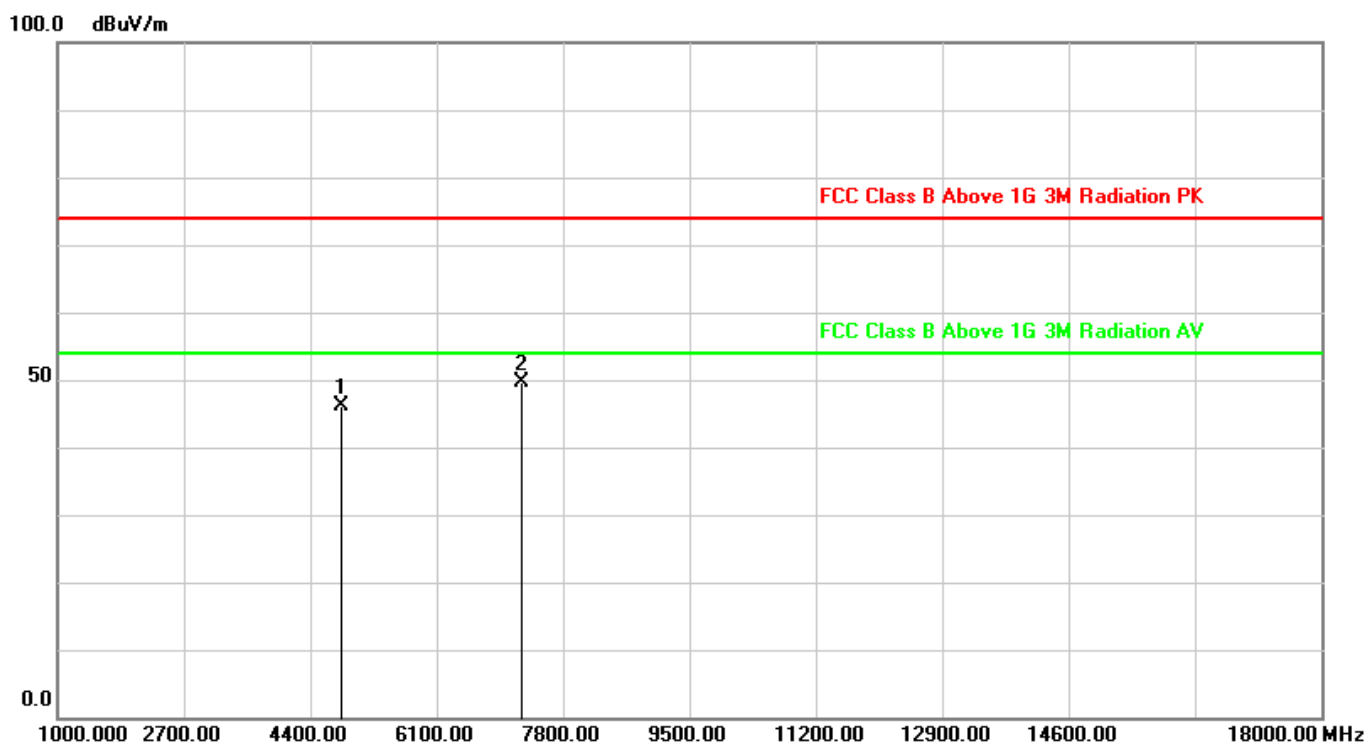
2. Measurement Level = Reading Level + Correct Factor.

3. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~40GHz), therefore no data appear in the report.

4. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.



Test Distance:	3M		
Test Standard:	FCC Class B Above 1G 3M	Ant. Polarization:	Vertical
	Radiation PK		
Test item:	Radiation Emission	Test Time:	2019-8-514:44:29
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G-802.11n-HT20 2412MHz		
Remark:	POE Power		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	4824.000	3.32	42.91	46.23	74.00	-27.77	peak
2	7236.000	8.22	41.54	49.76	74.00	-24.24	peak

Note: 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or AVG measurements as necessary.

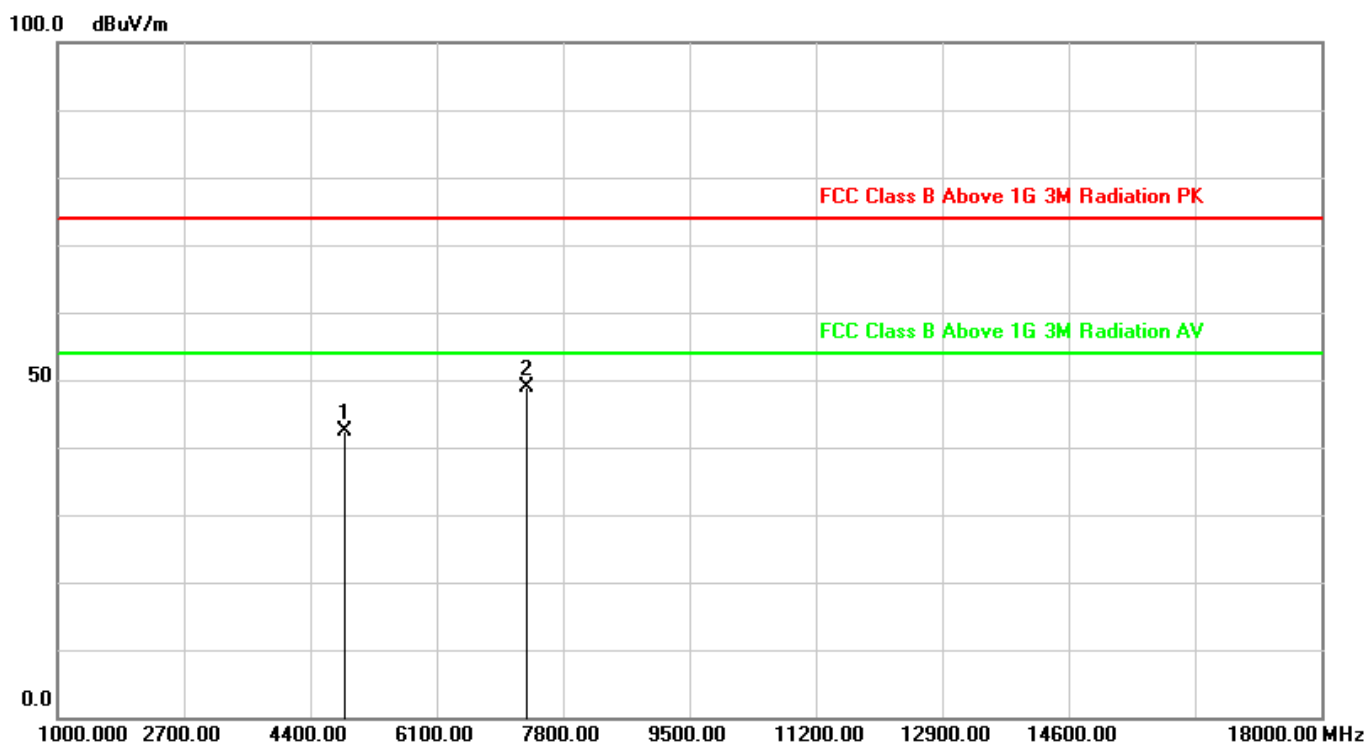
2. Measurement Level = Reading Level + Correct Factor.

3. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~40GHz), therefore no data appear in the report.

4. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.



Test Distance:	3M		
Test Standard:	FCC Class B Above 1G 3M	Ant. Polarization:	Horizontal
	Radiation PK		
Test item:	Radiation Emission	Test Time:	2019-8-514:47:04
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G-802.11n-HT20 2437MHz		
Remark:	POE Power		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	4874.000	3.42	39.03	42.45	74.00	-31.55	peak
2	7311.000	8.27	40.83	49.10	74.00	-24.90	peak

Note: 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or AVG measurements as necessary.

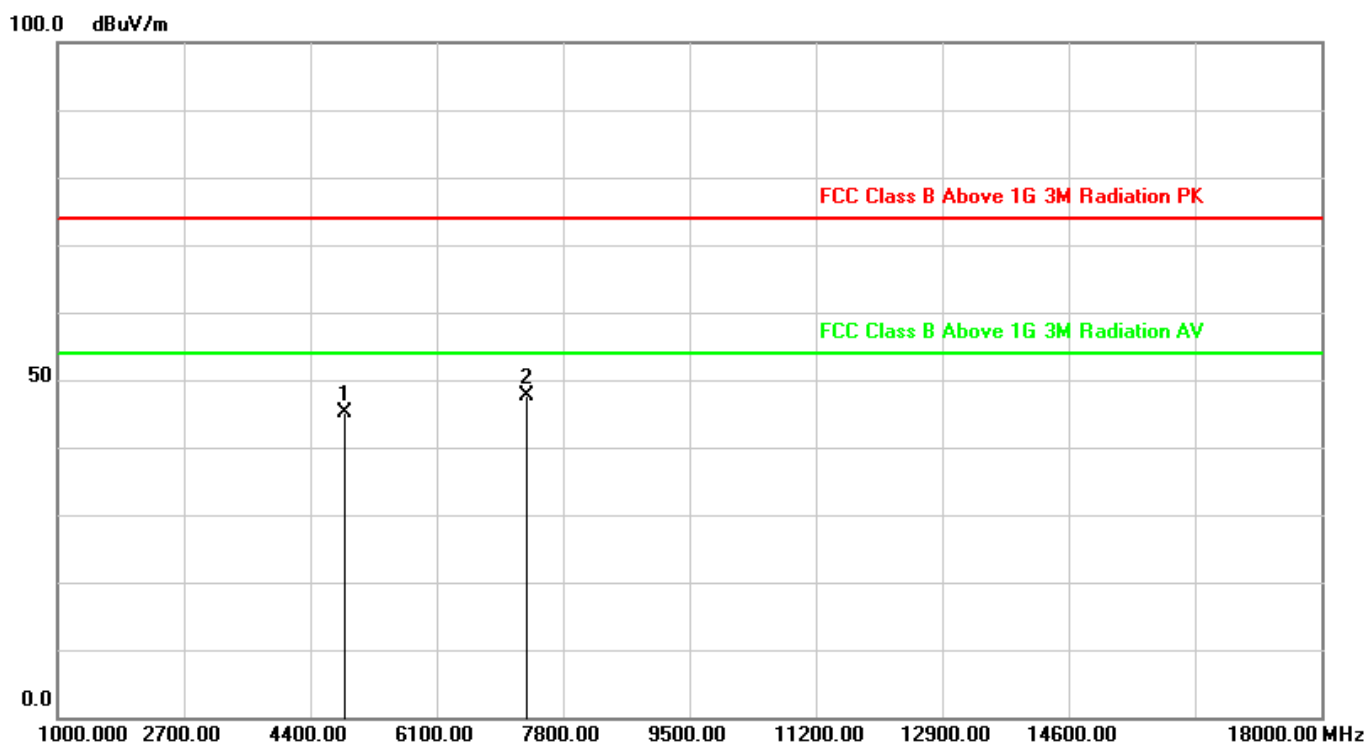
2. Measurement Level = Reading Level + Correct Factor.

3. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~40GHz), therefore no data appear in the report.

4. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.



Test Distance:	3M		
Test Standard:	FCC Class B Above 1G 3M	Ant. Polarization:	Vertical
	Radiation PK		
Test item:	Radiation Emission	Test Time:	2019-8-514:52:58
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G-802.11n-HT20 2437MHz		
Remark:	POE Power		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	4874.000	3.42	41.95	45.37	74.00	-28.63	peak
2	7311.000	8.27	39.47	47.74	74.00	-26.26	peak

Note: 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or AVG measurements as necessary.

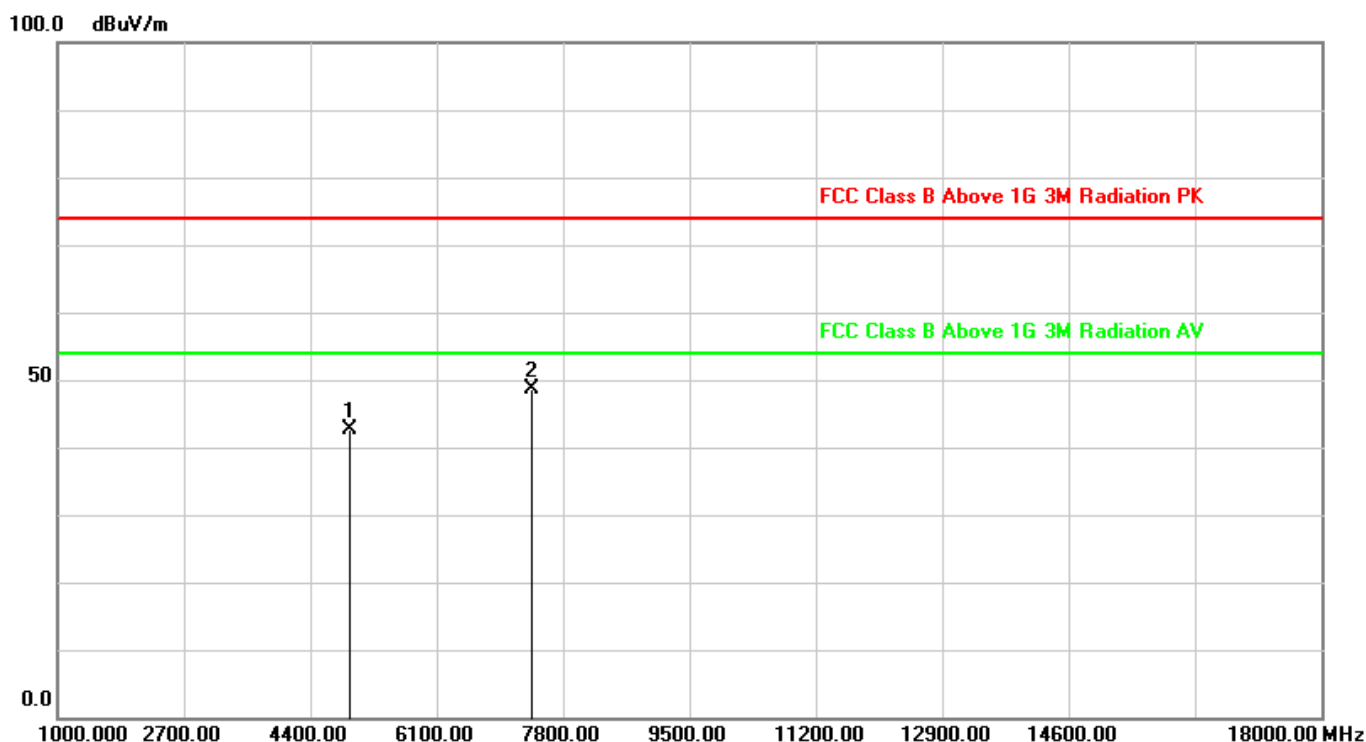
2. Measurement Level = Reading Level + Correct Factor.

3. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~40GHz), therefore no data appear in the report.

4. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.



Test Distance:	3M		
Test Standard:	FCC Class B Above 1G 3M	Ant. Polarization:	Horizontal
	Radiation PK		
Test item:	Radiation Emission	Test Time:	2019-8-514:57:33
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G-802.11n-HT20 2462MHz		
Remark:	POE Power		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	4924.000	3.52	39.23	42.75	74.00	-31.25	peak
2	7386.000	8.32	40.27	48.59	74.00	-25.41	peak

Note: 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or AVG measurements as necessary.

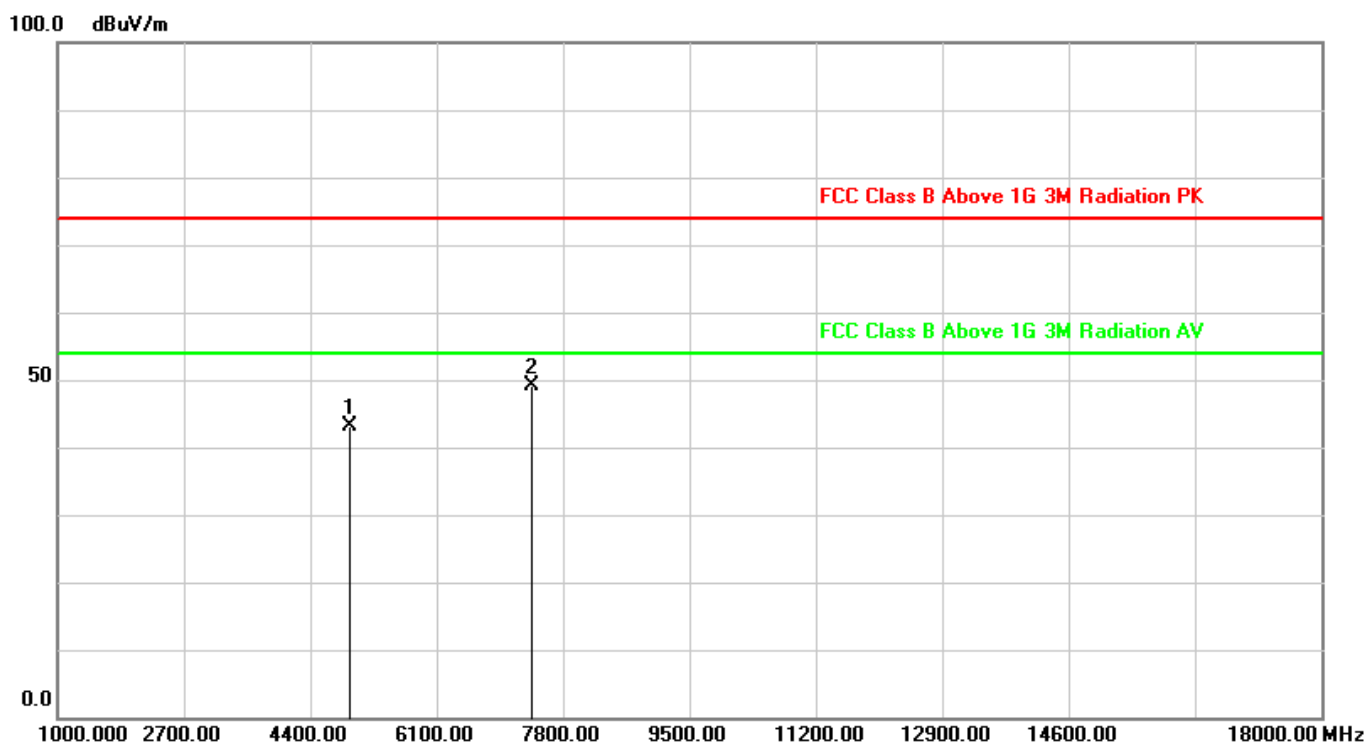
2. Measurement Level = Reading Level + Correct Factor.

3. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~40GHz), therefore no data appear in the report.

4. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.



Test Distance:	3M		
Test Standard:	FCC Class B Above 1G 3M	Ant. Polarization:	Vertical
	Radiation PK		
Test item:	Radiation Emission	Test Time:	2019-8-515:00:13
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G-802.11n-HT20 2462MHz		
Remark:	POE Power		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	4924.000	3.52	39.41	42.93	74.00	-31.07	peak
2	7386.000	8.32	40.73	49.05	74.00	-24.95	peak

Note: 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or AVG measurements as necessary.

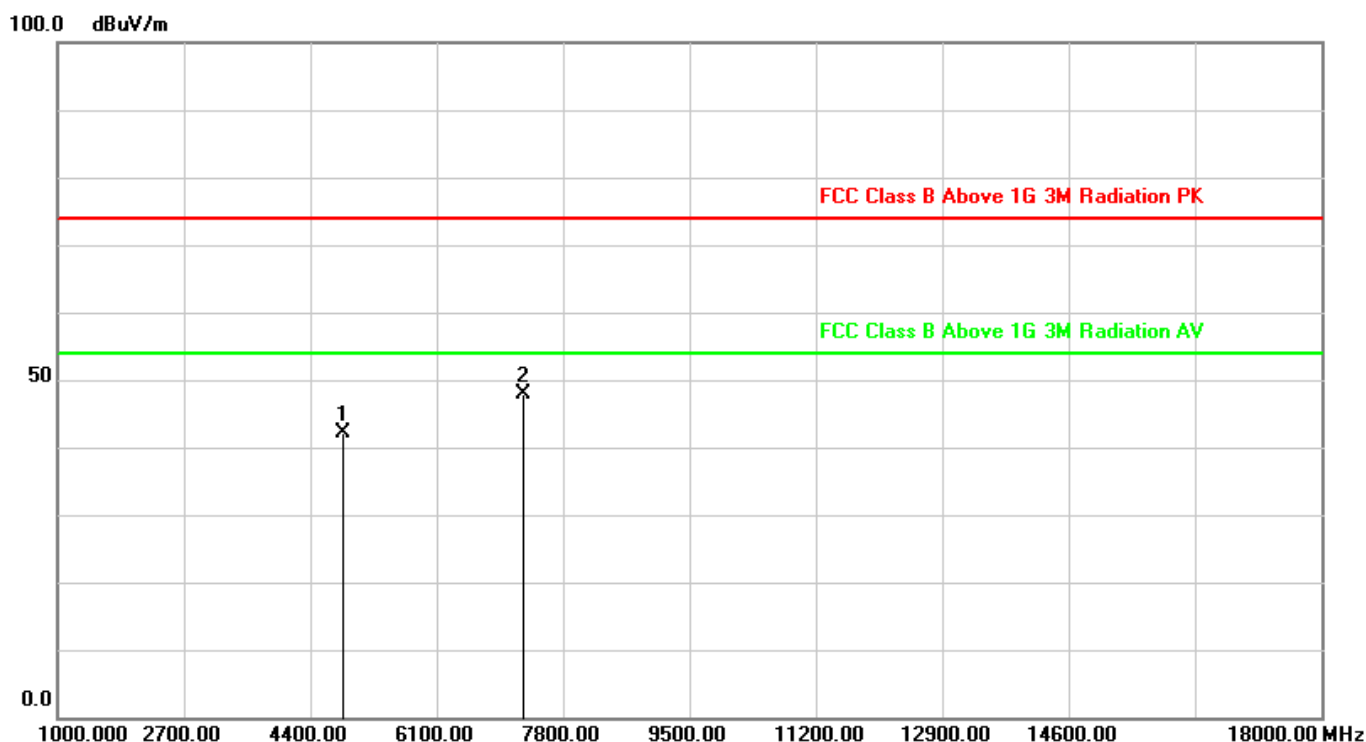
2. Measurement Level = Reading Level + Correct Factor.

3. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~40GHz), therefore no data appear in the report.

4. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.



Test Distance:	3M		
Test Standard:	FCC Class B Above 1G 3M	Ant. Polarization:	Horizontal
	Radiation PK		
Test item:	Radiation Emission	Test Time:	2019-8-515:03:14
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G-802.11n-HT40 2422MHz		
Remark:	POE Power		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	4844.000	3.36	38.60	41.96	74.00	-32.04	peak
2	7266.000	8.24	39.73	47.97	74.00	-26.03	peak

Note: 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or AVG measurements as necessary.

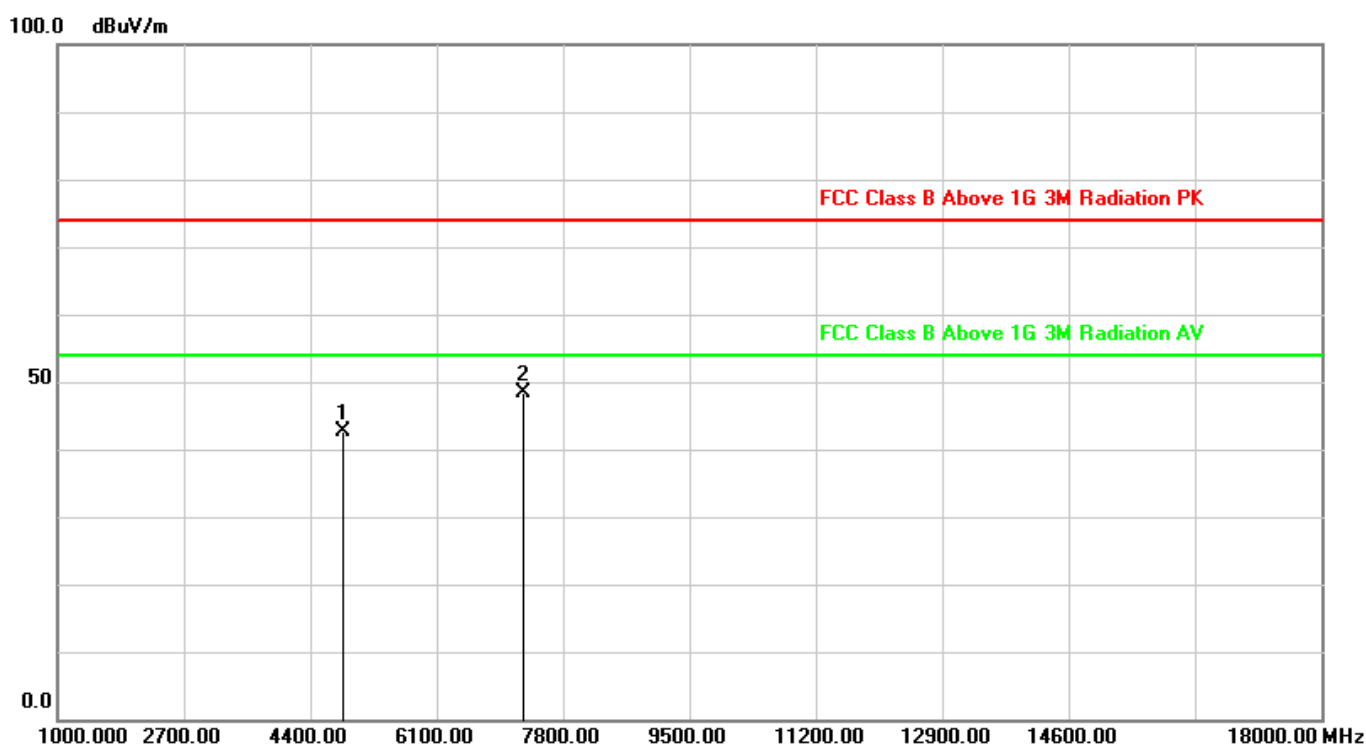
2. Measurement Level = Reading Level + Correct Factor.

3. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~40GHz), therefore no data appear in the report.

4. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.



Test Distance:	3M		
Test Standard:	FCC Class B Above 1G 3M	Ant. Polarization:	Vertical
	Radiation PK		
Test item:	Radiation Emission	Test Time:	2019-8-515:06:53
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G-802.11n-HT40 2422MHz		
Remark:	POE Power		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	4844.000	3.36	39.43	42.79	74.00	-31.21	peak
2	7266.000	8.24	40.18	48.42	74.00	-25.58	peak

Note: 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or AVG measurements as necessary.

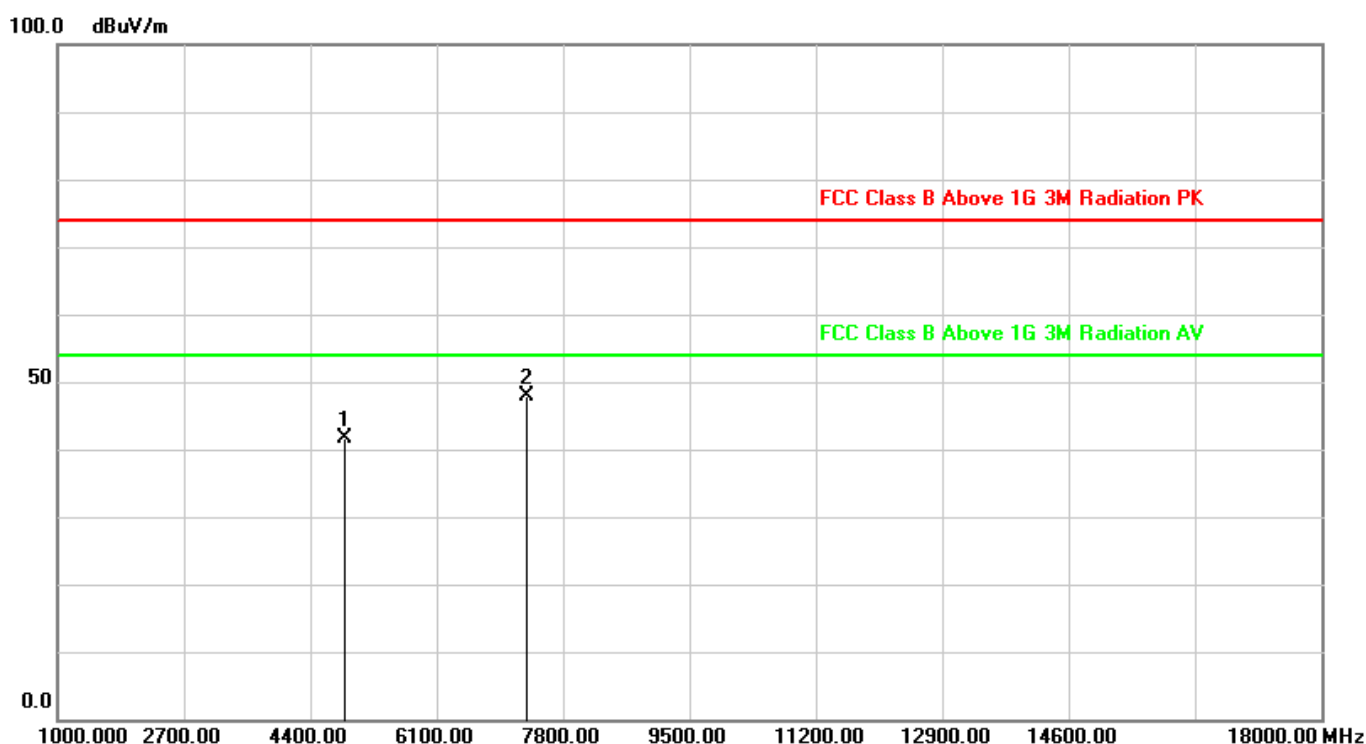
2. Measurement Level = Reading Level + Correct Factor.

3. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~40GHz), therefore no data appear in the report.

4. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.



Test Distance:	3M		
Test Standard:	FCC Class B Above 1G 3M	Ant. Polarization:	Horizontal
	Radiation PK		
Test item:	Radiation Emission	Test Time:	2019-8-515:10:20
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G-802.11n-HT40 2437MHz		
Remark:	POE Power		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	4874.000	3.42	38.34	41.76	74.00	-32.24	peak
2	7311.000	8.27	39.53	47.80	74.00	-26.20	peak

Note: 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or AVG measurements as necessary.

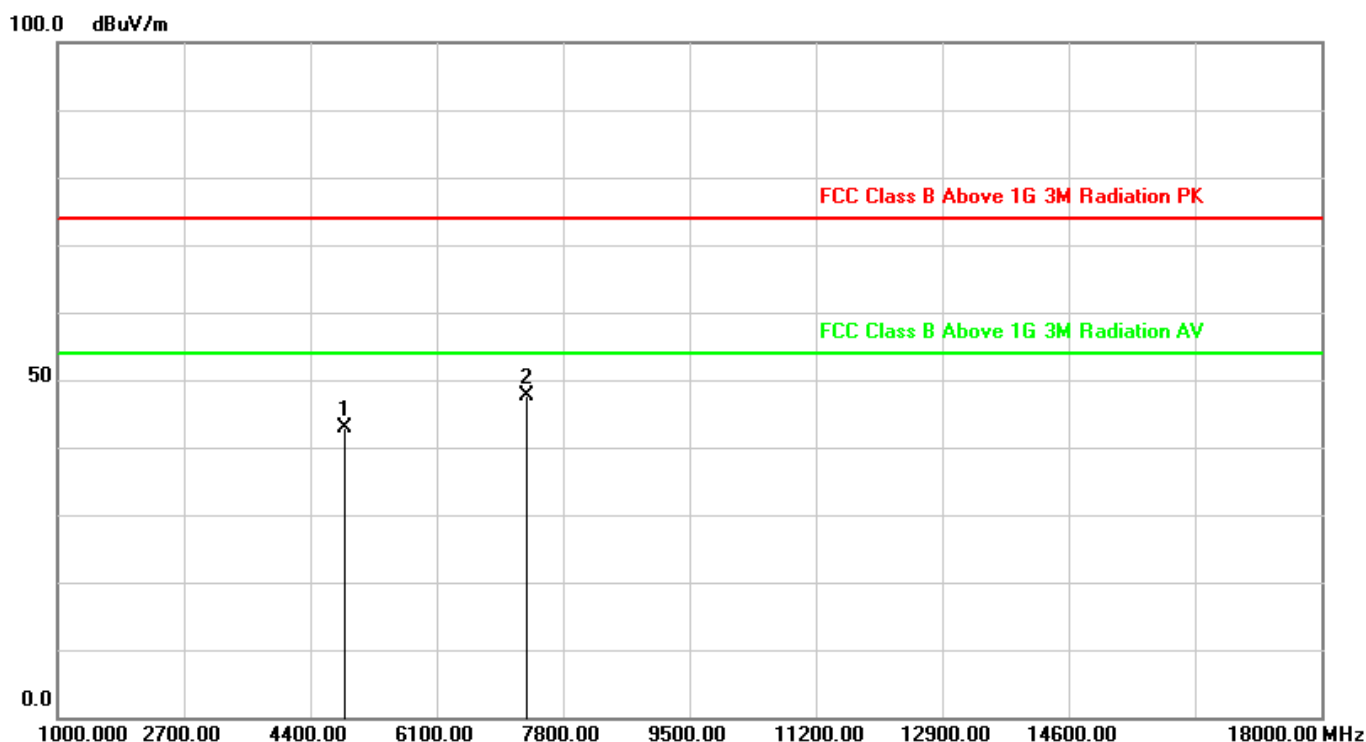
2. Measurement Level = Reading Level + Correct Factor.

3. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~40GHz), therefore no data appear in the report.

4. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.



Test Distance:	3M		
Test Standard:	FCC Class B Above 1G 3M	Ant. Polarization:	Vertical
	Radiation PK		
Test item:	Radiation Emission	Test Time:	2019-8-515:14:12
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G-802.11n-HT40 2437MHz		
Remark:	POE Power		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	4874.000	3.42	39.53	42.95	74.00	-31.05	peak
2	7311.000	8.27	39.38	47.65	74.00	-26.35	peak

Note: 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or AVG measurements as necessary.

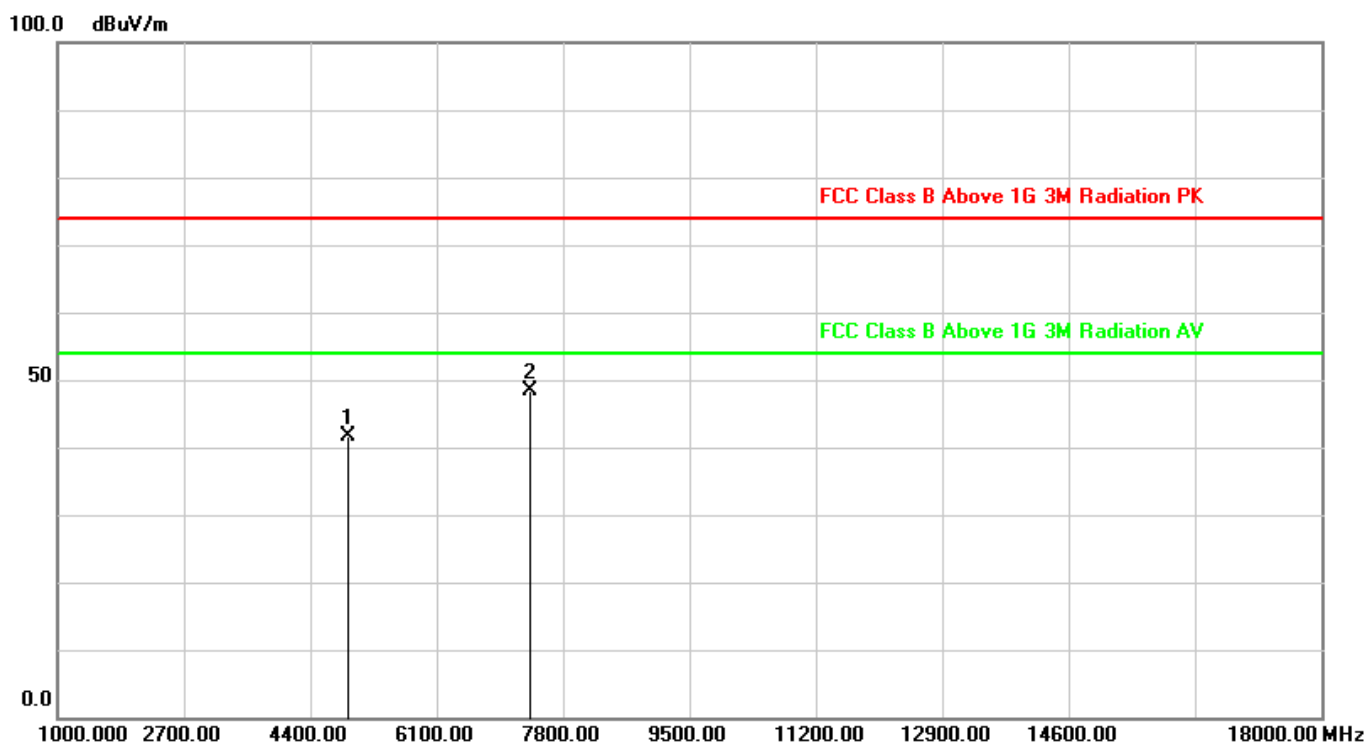
2. Measurement Level = Reading Level + Correct Factor.

3. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~40GHz), therefore no data appear in the report.

4. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.



Test Distance:	3M		
Test Standard:	FCC Class B Above 1G 3M	Ant. Polarization:	Horizontal
	Radiation PK		
Test item:	Radiation Emission	Test Time:	2019-8-515:18:03
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G-802.11n-HT40 2452MHz		
Remark:	POE Power		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	4904.000	3.48	38.38	41.86	74.00	-32.14	peak
2	7356.000	8.30	39.92	48.22	74.00	-25.78	peak

Note: 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or AVG measurements as necessary.

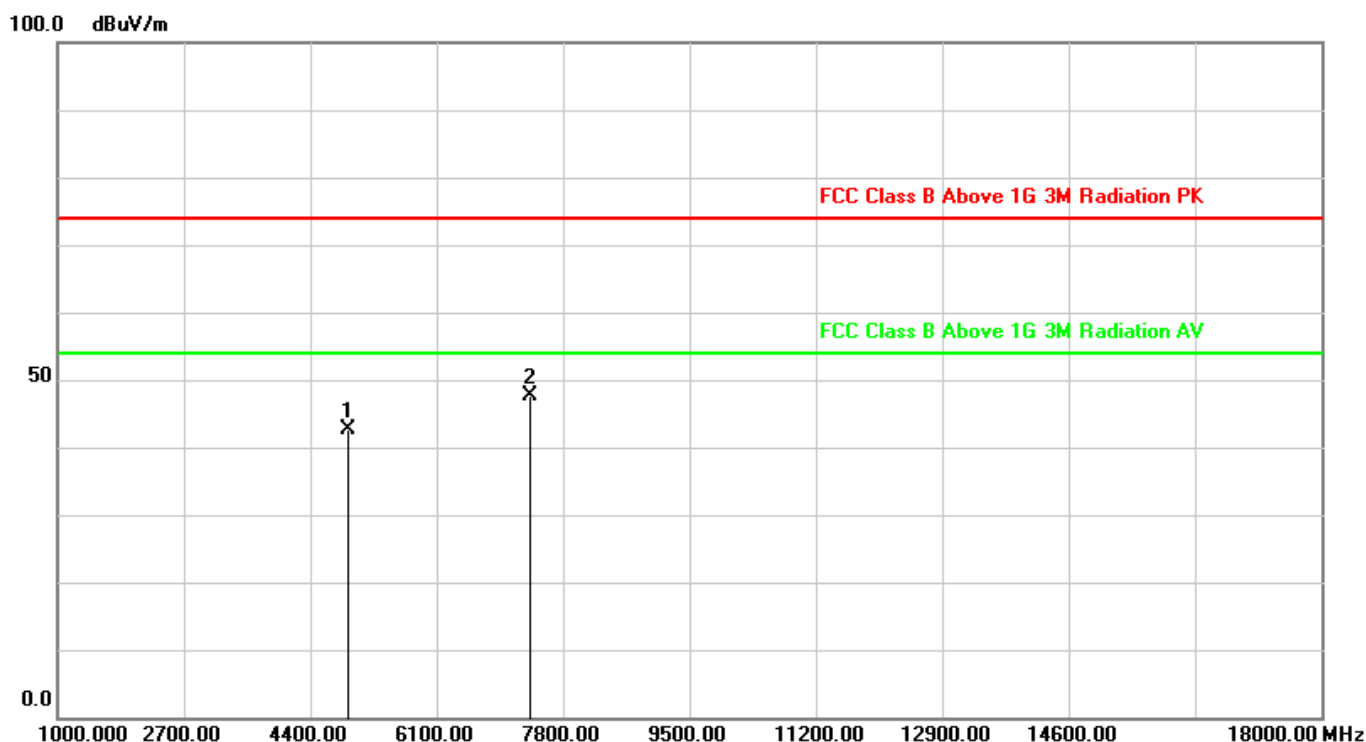
2. Measurement Level = Reading Level + Correct Factor.

3. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~40GHz), therefore no data appear in the report.

4. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.



Test Distance:	3M		
Test Standard:	FCC Class B Above 1G 3M	Ant. Polarization:	Vertical
	Radiation PK		
Test item:	Radiation Emission	Test Time:	2019-8-515:20:42
Applicant:	Mitac Digital Technology Company	Power Rating:	AC 120V/60Hz
Product:	Tablet	Temp.(C)/Hum.(/Air p.(hpa):	26(°C)/60%/983hpa
Model No.:	N642	Test Engineer:	Chris
Test Mode:	Wi-Fi 2.4G-802.11n-HT40 2452MHz		
Remark:	POE Power		



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	4904.000	3.48	38.97	42.45	74.00	-31.55	peak
2	7356.000	8.30	39.10	47.40	74.00	-26.60	peak

Note: 1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or AVG measurements as necessary.

2. Measurement Level = Reading Level + Correct Factor.

3. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~40GHz), therefore no data appear in the report.

4. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.



5. 6dB Bandwidth Measurement

5.1 Test Limit

According to FCC part15.247 - Section (a)(2), the minimum 6dB bandwidth shall be at least 500 kHz.

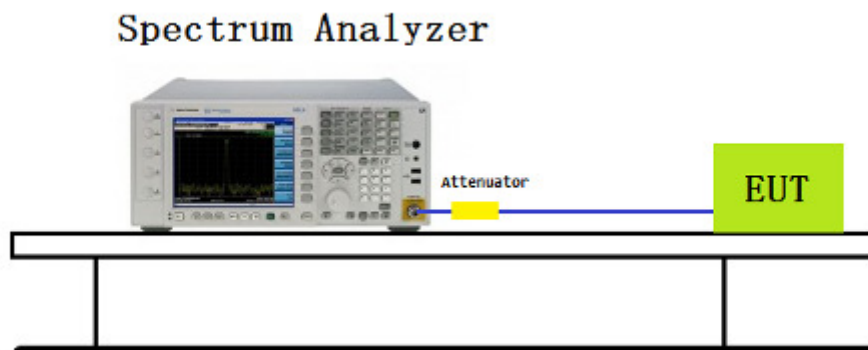
5.2 Test Standard

KDB 558074 D01v05r02– Section 8.2

5.3 Test Procedures

1. Set RBW=100KHz
2. VBW $\geq$ 3 $\times$ RBW
3. Detector=Peak
4. Trace mode=Max hold
5. Sweep time=Auto couple
6. Allow the trace to stabilize
7. The Spectrum's automatic bandwidth measurement capability was used to perform the 6dB bandwidth measurement. The "X" dB bandwidth parameter was set to X = -6. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.

5.4 Test Setup Layout



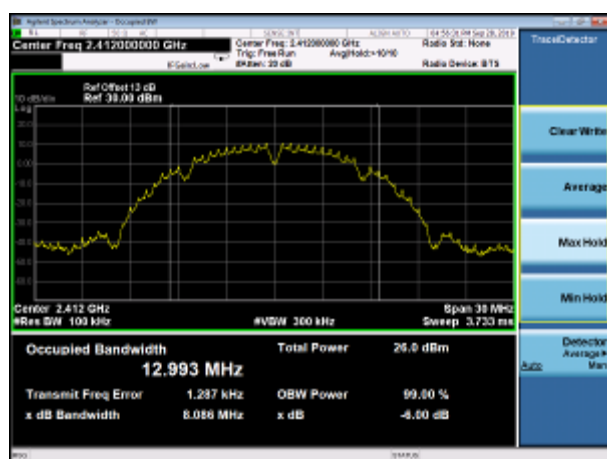


5.5 Test Result

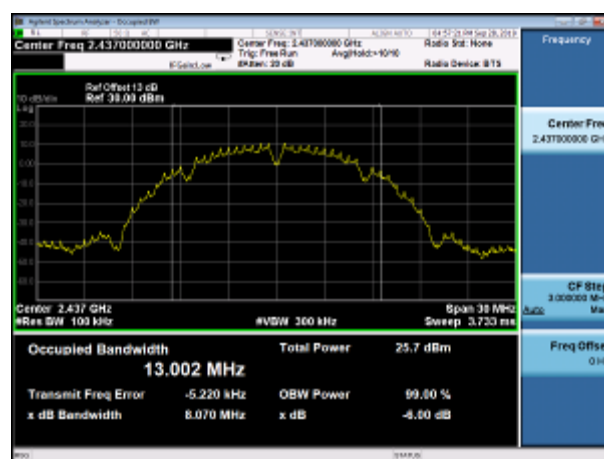
Test Item	6dB Bandwidth Measurement
Test Engineer:	Chris
Test Date	2019-09-28
Test Mode	Transmitting by 802.11b

Channel No.	Frequency(MHz)	6dB Bandwidth(MHz)	Limit(≥ 500 KHz)
1	2412	8.086	Pass
6	2437	8.070	Pass
11	2462	8.082	Pass

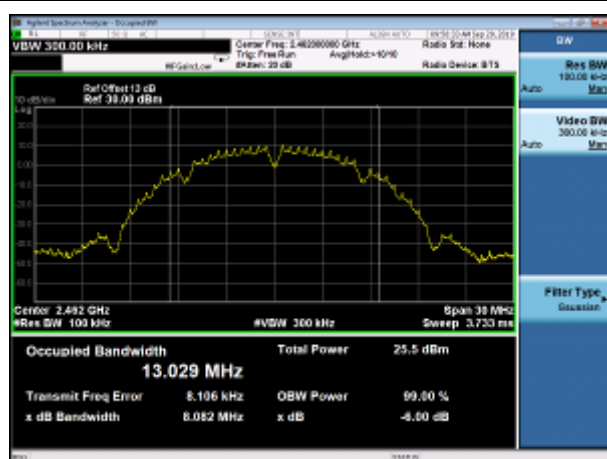
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

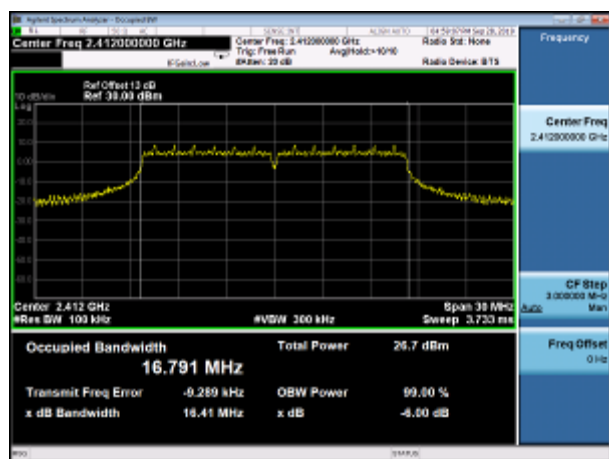




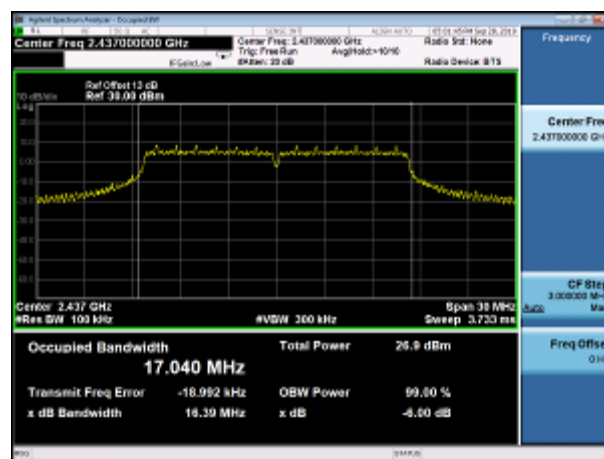
Test Item	6dB Bandwidth Measurement
Test Engineer:	Chris
Test Date	2019-09-28
Test Mode	Transmitting by 802.11g

Channel No.	Frequency(MHz)	6dB Bandwidth(MHz)	Limit(≥ 500 KHz)
1	2412	16.41	Pass
6	2437	16.39	Pass
11	2462	16.38	Pass

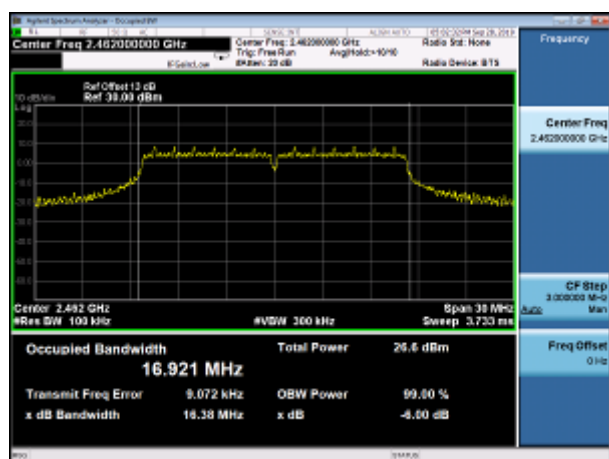
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

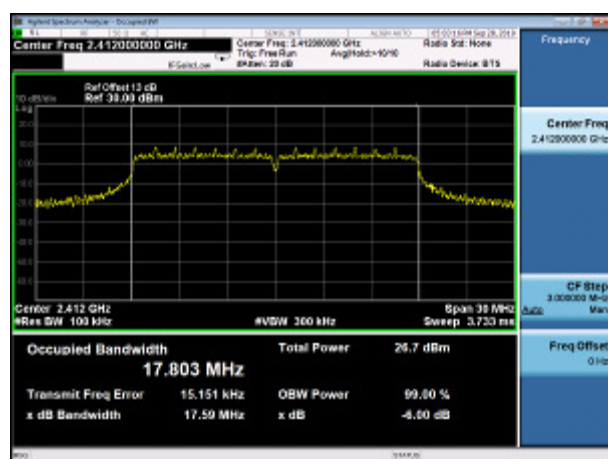




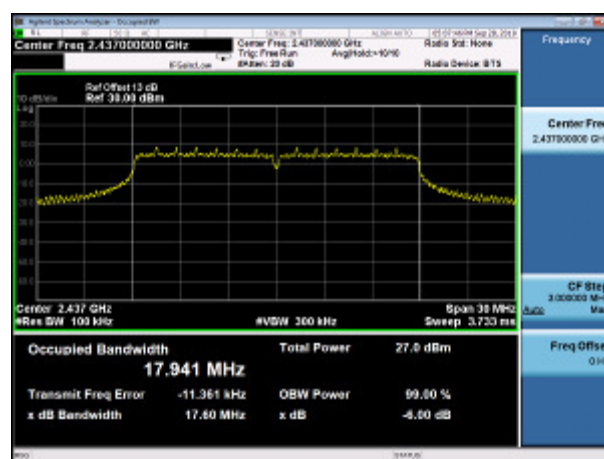
Test Item	6dB Bandwidth Measurement
Test Engineer:	Chris
Test Date	2019-09-28
Test Mode	Transmitting by 802.11n-HT20

Channel No.	Frequency(MHz)	6dB Bandwidth(MHz)	Limit(≥ 500 KHz)
1	2412	17.59	Pass
6	2437	17.60	Pass
11	2462	17.61	Pass

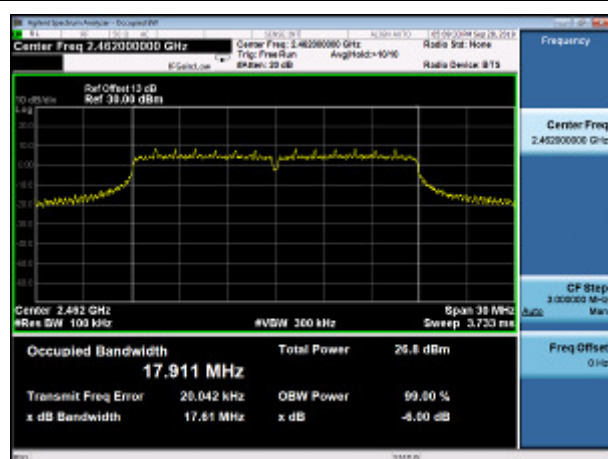
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

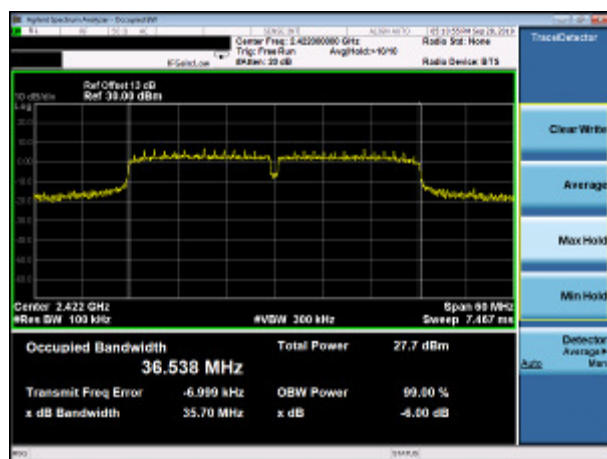




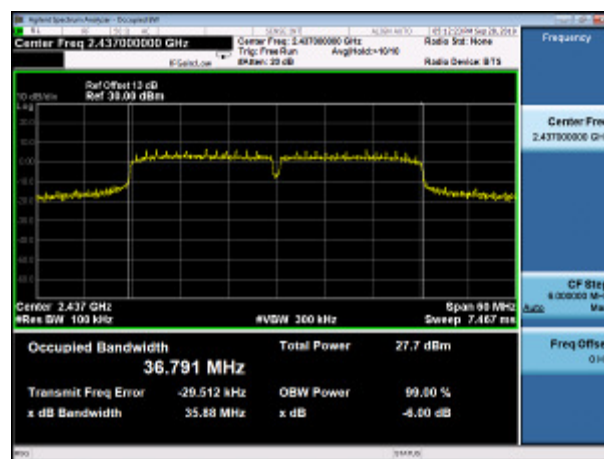
Test Item	6dB Bandwidth Measurement
Test Engineer:	Chris
Test Date	2019-09-28
Test Mode	Transmitting by 802.11n-HT40

Channel No.	Frequency(MHz)	6dB Bandwidth(MHz)	Limit(≥ 500 KHz)
3	2422	35.70	Pass
6	2437	35.88	Pass
9	2452	36.02	Pass

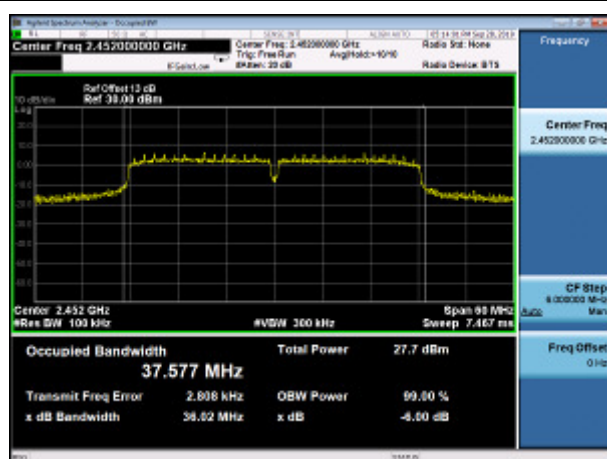
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)





6. Conducted Output Power Measurement

6.1 Test Limit

According to FCC part15.247 (b) (3), for systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.

Per RSS247 Issue 2 Section 5.4(d), for DTSs employing digital modulation techniques operating in the bands 902-928 MHz and 2400-2483.5 MHz, the maximum peak conducted output power shall not exceed 1W.

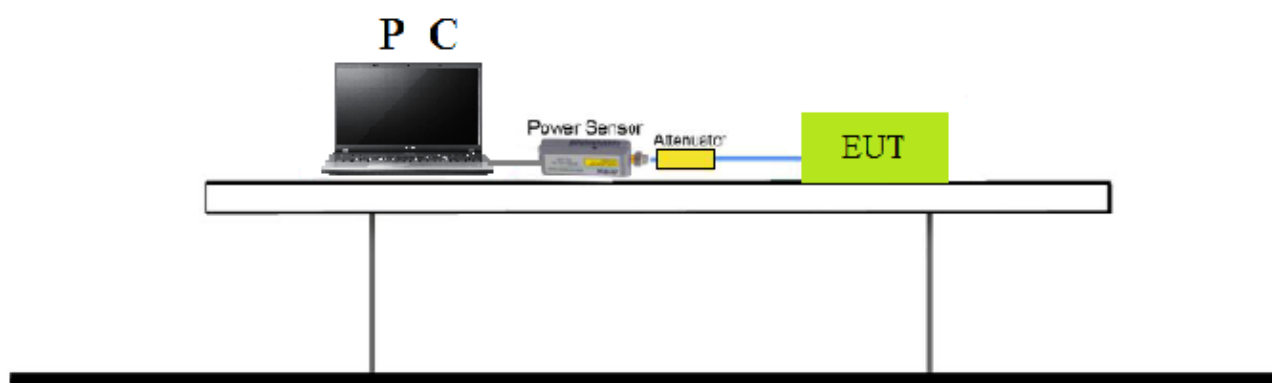
6.2 Test Standard

KDB 558074 D01v05r02 - Section 9.3.1.3 & Section 9.3.2.3

6.3 Test Procedures

Out power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The pulse sensor employs a VBW = 50MHz so this method was only used for signals whose DTS bandwidth was less than or equal to 50MHz.

6.4 Test Setup Layout





6.5 Test Result

Test Item	Conducted Output Power Measurement
Test Engineer:	Chris
Test Date	2019-09-28
Test Mode	Transmitting by 802.11b/g/n

Test Mode	Channel No.	Frequency (MHz)	Peak Output Power (dBm)	Limit (dBm)	Result
802.11b	1	2412	18.22	30	Pass
	6	2437	18.49	30	Pass
	11	2462	18.86	30	Pass
802.11g	1	2412	25.28	30	Pass
	6	2437	25.15	30	Pass
	11	2462	24.17	30	Pass
802.11n(20MHz)	1	2412	24.80	30	Pass
	6	2437	24.85	30	Pass
	11	2462	23.98	30	Pass
802.11n(40MHz)	3	2422	24.41	30	Pass
	6	2437	25.09	30	Pass
	9	2452	24.25	30	Pass

Test Mode	Channel No.	Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	Result
802.11b	1	2412	15.69	30	Pass
	6	2437	15.95	30	Pass
	11	2462	14.68	30	Pass
802.11g	1	2412	16.83	30	Pass
	6	2437	16.98	30	Pass
	11	2462	15.68	30	Pass
802.11n(20MHz)	1	2412	16.53	30	Pass
	6	2437	16.66	30	Pass
	11	2462	16.36	30	Pass
802.11n(40MHz)	3	2422	17.27	30	Pass
	6	2437	17.44	30	Pass
	9	2452	17.28	30	Pass



7. Power Spectral Density Measurement

7.1 Test Limit

According to FCC part15.247 - Section (e), for digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

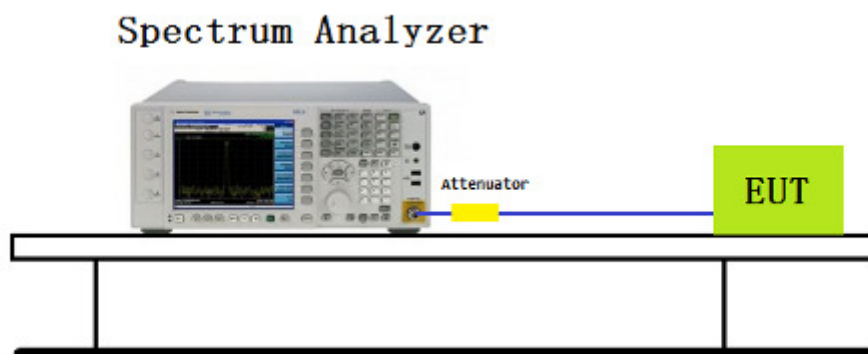
7.2 Test Standard

KDB 558074 D01v05r02- Section 8.4

7.3 Test Procedures

1. Set RBW=3kHz
2. Set RBW=10kHz
3. Span = 1.5 times the DTS channel bandwidth
4. Detector=Peak
5. Trace mode=Max hold
6. Sweep time=Auto couple
7. Allow the trace to stabilize
8. Analyzer was set to the center frequency of the DTS channel under investigation.

7.4 Test Setup Layout





7.5 Test Result

Test Item	Power Spectral Density Measurement
Test Engineer:	Chris
Test Date	2019-09-29
Test Mode	Transmitting by 802.11b/g/n

Test Mode	Channel No.	Frequency(MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
802.11b	1	2412	-3.119	8	Pass
	6	2437	-2.424	8	Pass
	11	2462	-1.277	8	Pass
802.11g	1	2412	-3.090	8	Pass
	6	2437	-5.343	8	Pass
	11	2462	-5.161	8	Pass
802.11n(20M Hz)	1	2412	-4.659	8	Pass
	6	2437	-5.983	8	Pass
	11	2462	-5.251	8	Pass
802.11n(40M Hz)	3	2422	-6.287	8	Pass
	6	2437	-5.033	8	Pass
	9	2452	-5.194	8	Pass



Mode 1: Transmit by 802.11b

Channel 1 (2412MHz)



Channel 6 (2437MHz)



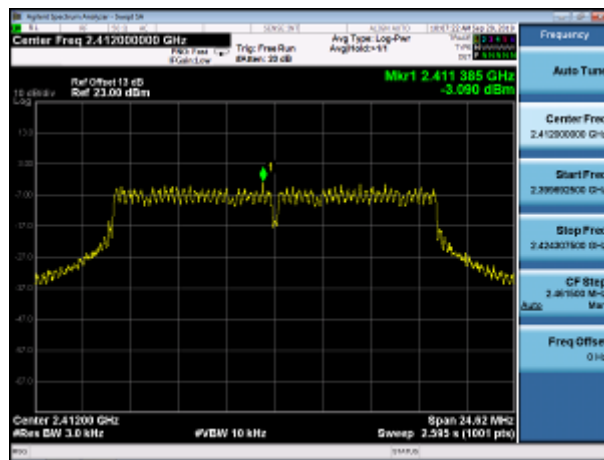
Channel 11 (2462MHz)



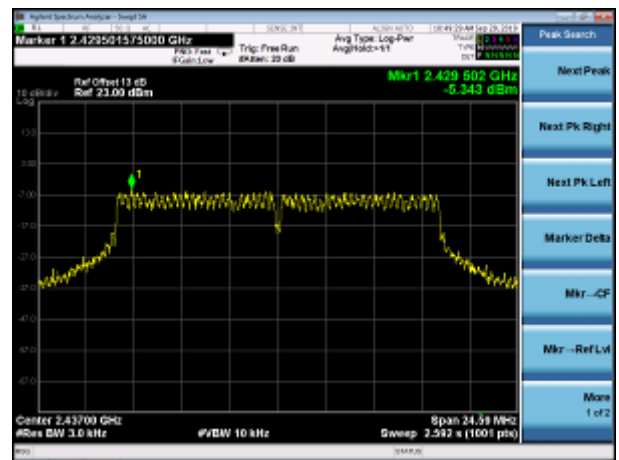


Mode 2: Transmit by 802.11g

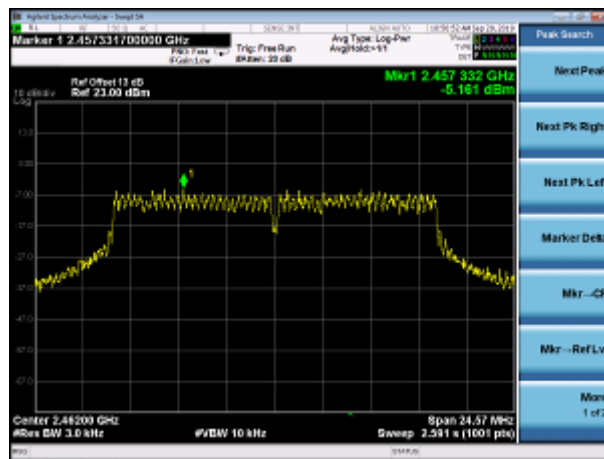
Channel 1 (2412MHz)



Channel 6 (2437MHz)



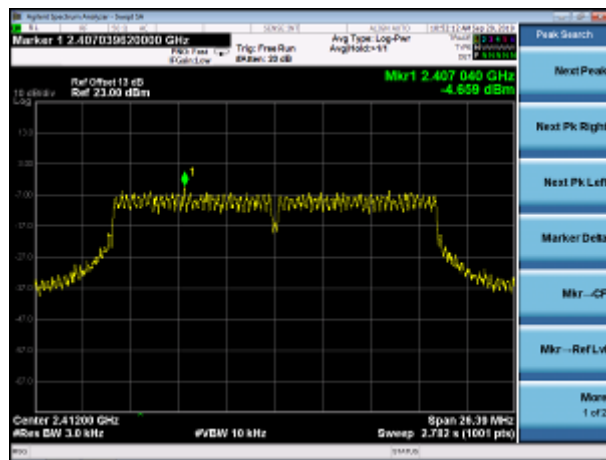
Channel 11 (2462MHz)



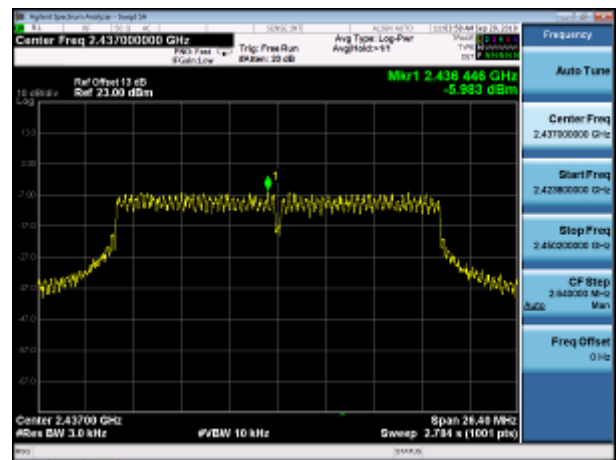


Mode 3: Transmit by 802.11n-HT20

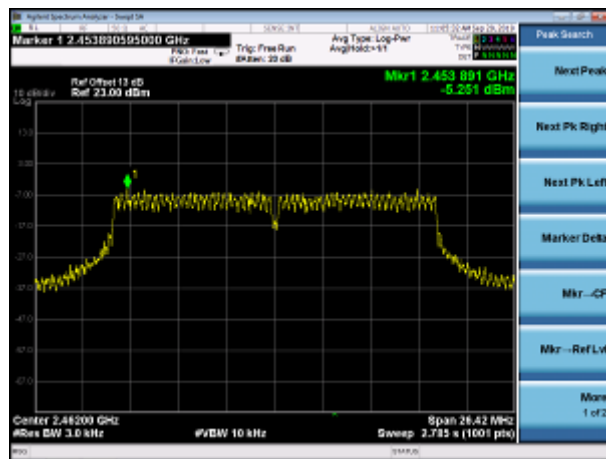
Channel 1 (2412MHz)



Channel 6 (2437MHz)



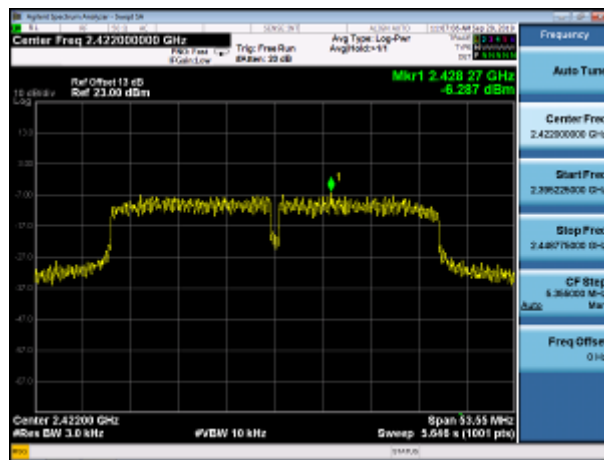
Channel 11 (2462MHz)



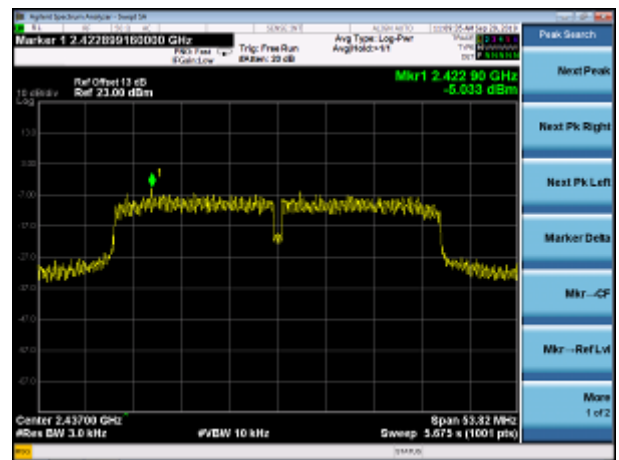


Mode 4: Transmit by 802.11n-HT40

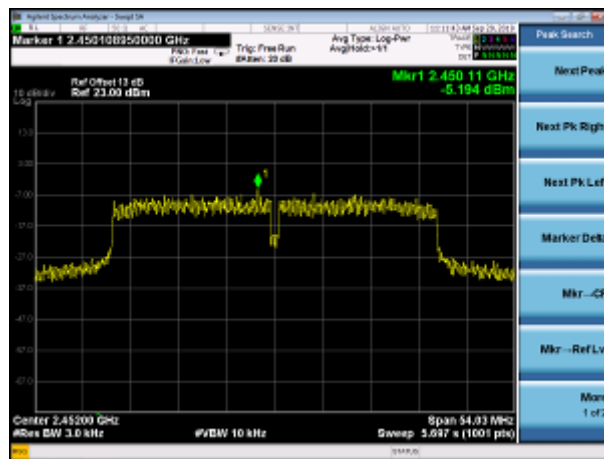
Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)





8. Conducted Band Edge and Out-of-Band Emissions Measurement

8.1 Test Limit

According to FCC part 15.247(d) , in any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) of FCC part 15 is not required.

8.2 Test Standard

KDB 558074 D01v05r02 - Section 8.6 & Section 8.7



8.3 Test Procedures

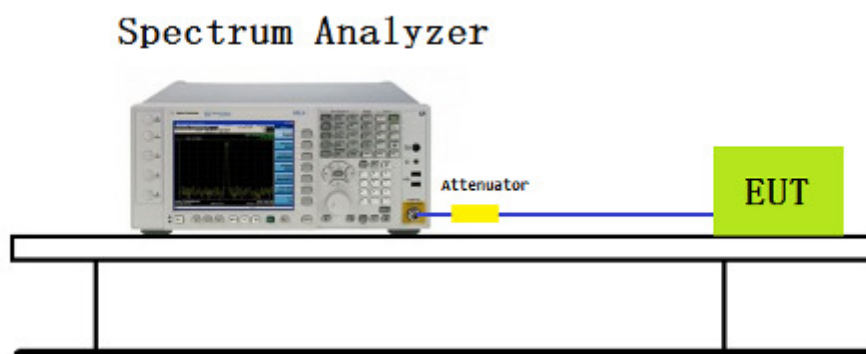
Reference level measurement:

1. Set the RBW = 100 kHz
2. Set the VBW $\geq 3 \times$ RBW
3. Set the span to ≥ 1.5 times the DTS bandwidth
4. Detector = peak
5. Trace mode = max hold
6. Sweep time = auto couple
7. Allow trace to fully stabilize
8. Set instrument center frequency to DTS channel center frequency

Emission level measurement:

1. RBW = 100kHz
2. VBW = 300kHz
3. Detector = Peak
4. Trace mode = max hold
5. Sweep time = auto couple
6. The trace was allowed to stabilize
7. Set the center frequency and span to encompass frequency range to be measured

8.4 Test Setup Layout





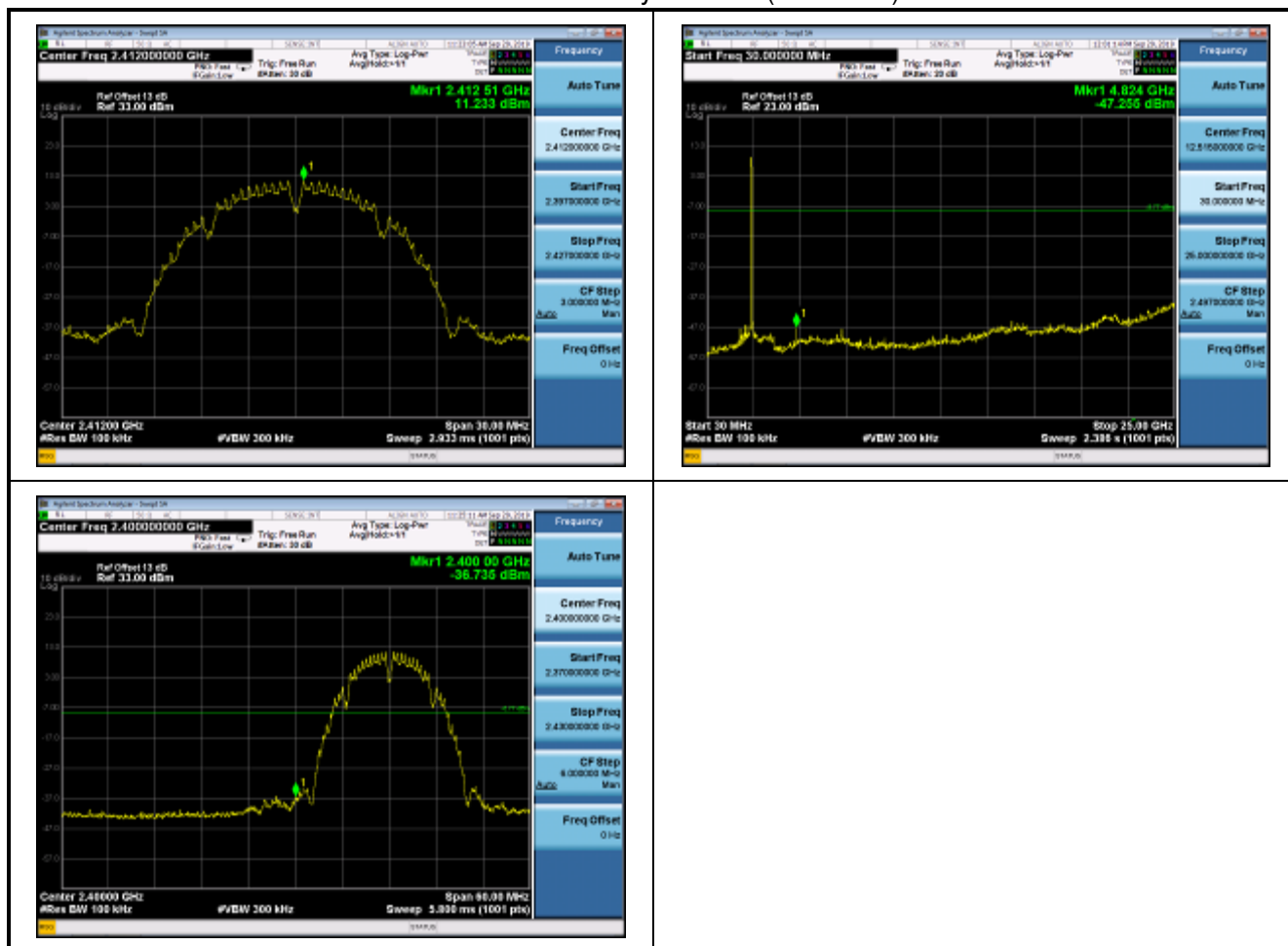
8.5 Test Result

Test Item	Conducted Band Edge and Out-of-Band Emissions Measurement
Test Engineer:	Chris
Test Date	2019-09-29
Test Mode	Transmitting by 802.11b/g/n

Test Mode	Channel No.	Frequency (MHz)	Limit	Result
802.11b	1	2412	20dBc	Pass
	6	2437	20dBc	Pass
	11	2462	20dBc	Pass
802.11g	1	2412	20dBc	Pass
	6	2437	20dBc	Pass
	11	2462	20dBc	Pass
802.11n(20MHz)	1	2412	20dBc	Pass
	6	2437	20dBc	Pass
	11	2462	20dBc	Pass
802.11n(40MHz)	3	2422	20dBc	Pass
	6	2437	20dBc	Pass
	9	2452	20dBc	Pass

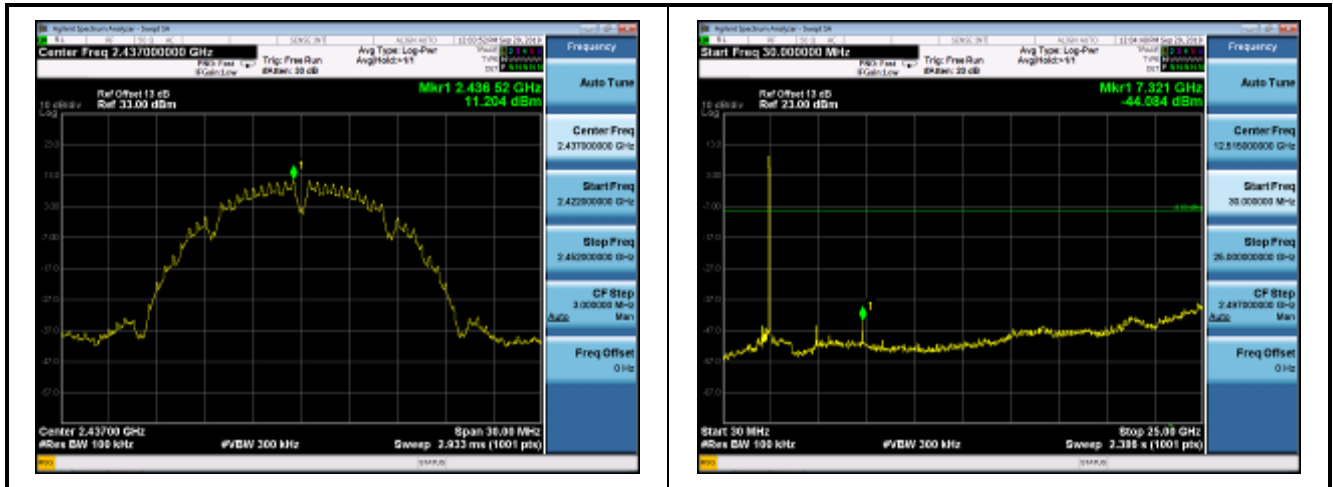


Mode 1: Transmit by 802.11b (2412MHz)

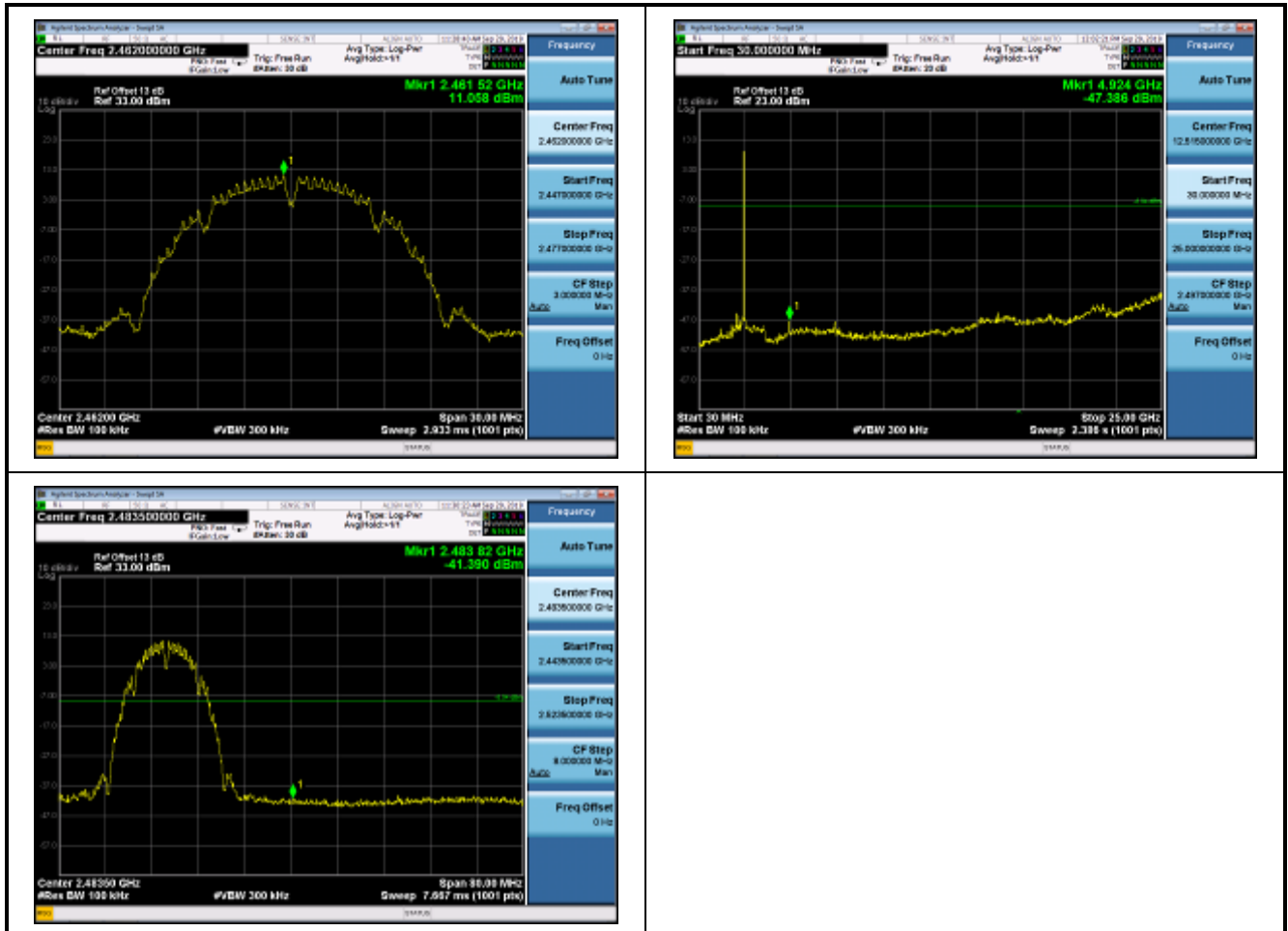




Mode 1: Transmit by 802.11b (2437MHz)

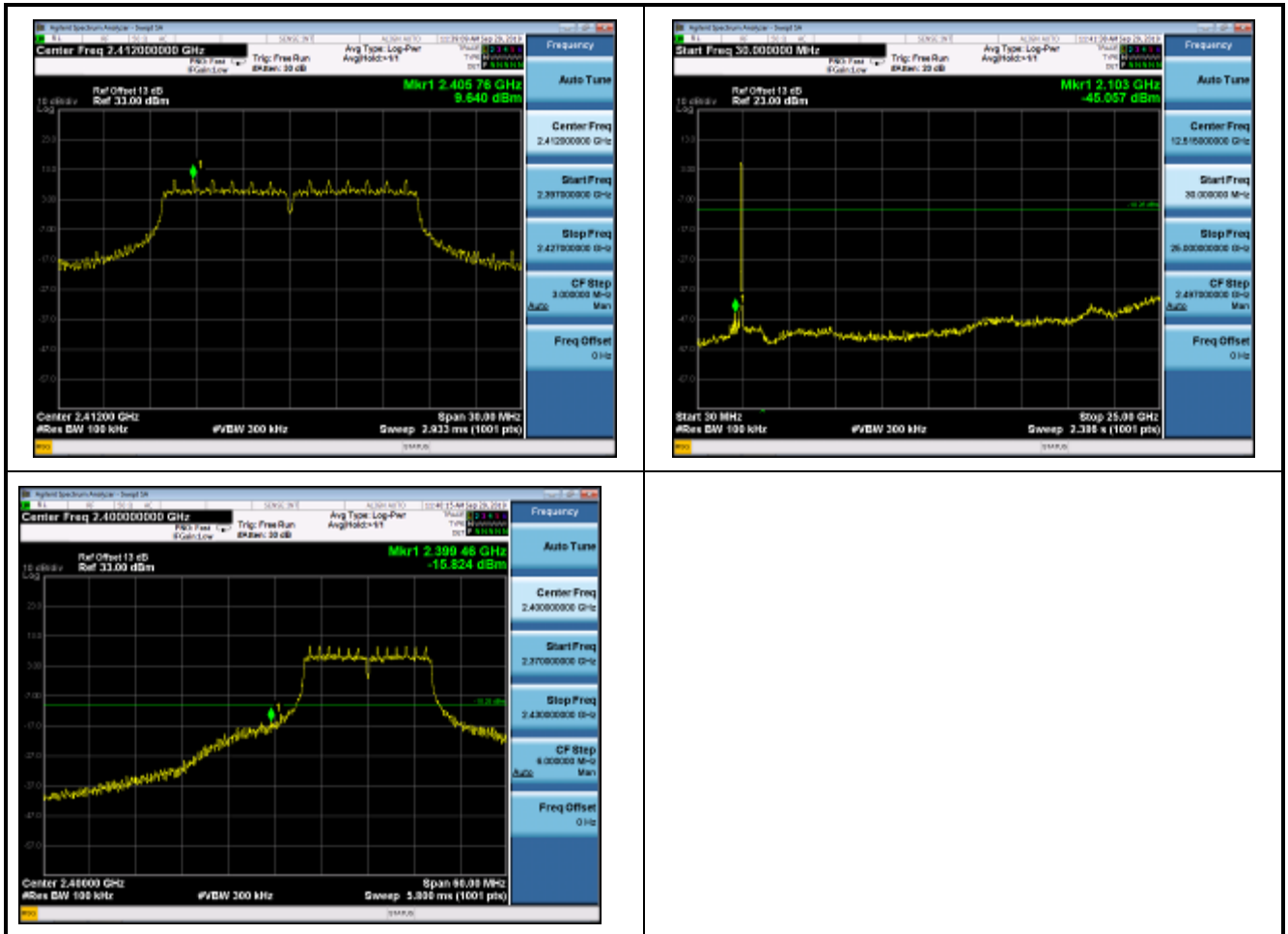


Mode 1: Transmit by 802.11b (2462MHz)



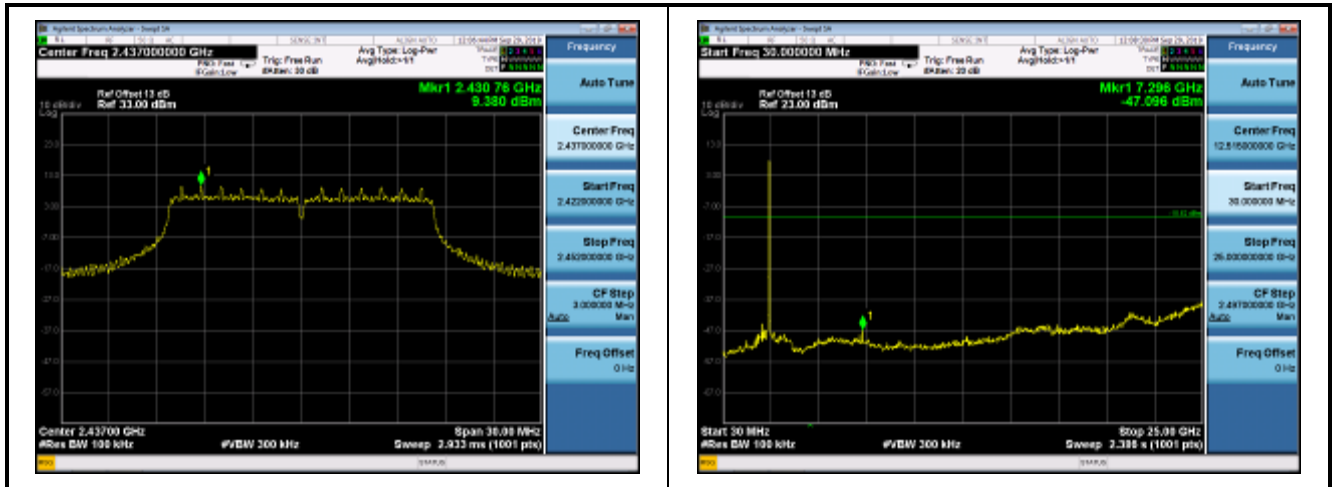


Mode 2: Transmit by 802.11g (2412MHz)

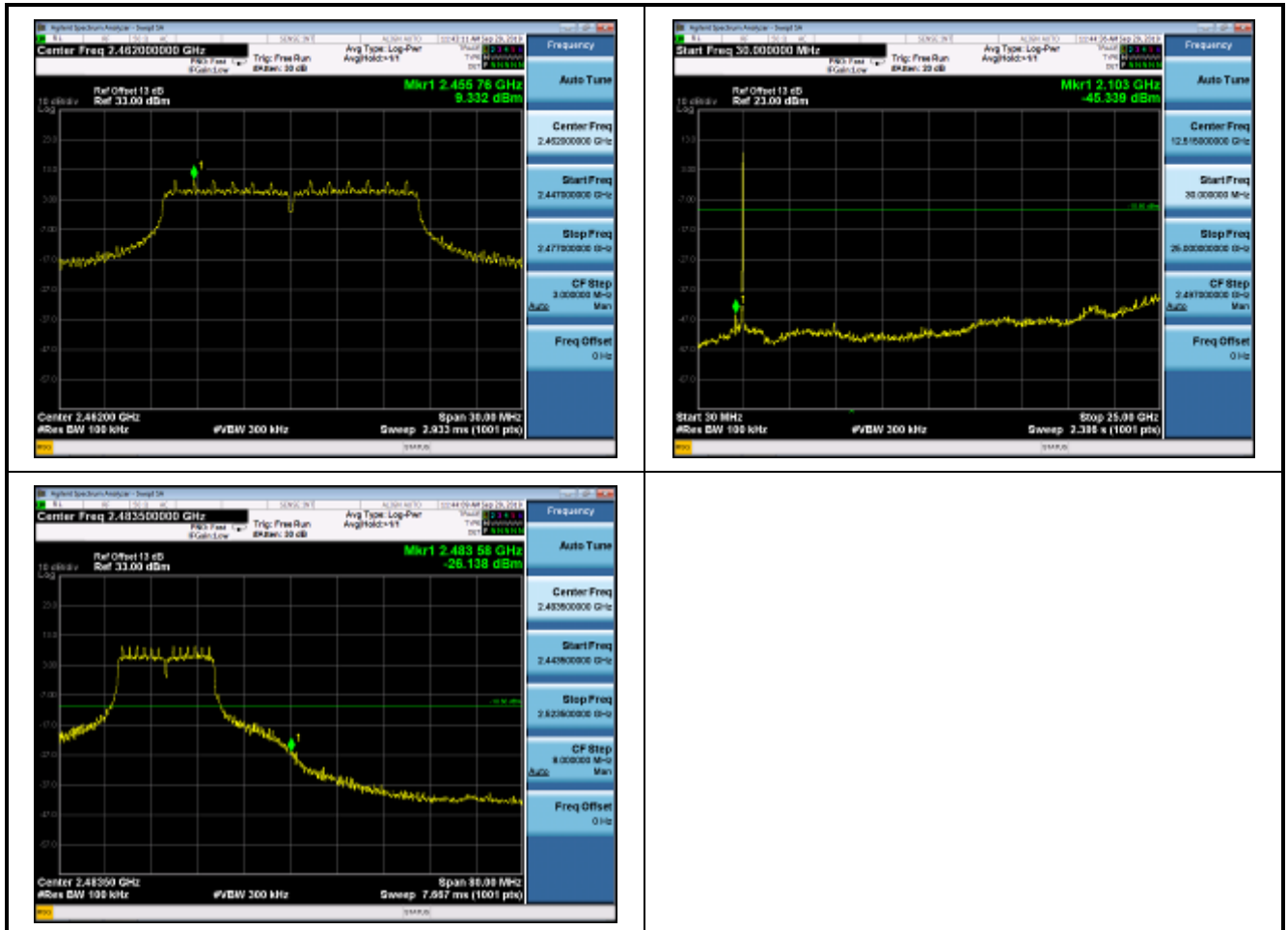




Mode 2: Transmit by 802.11g (2437MHz)

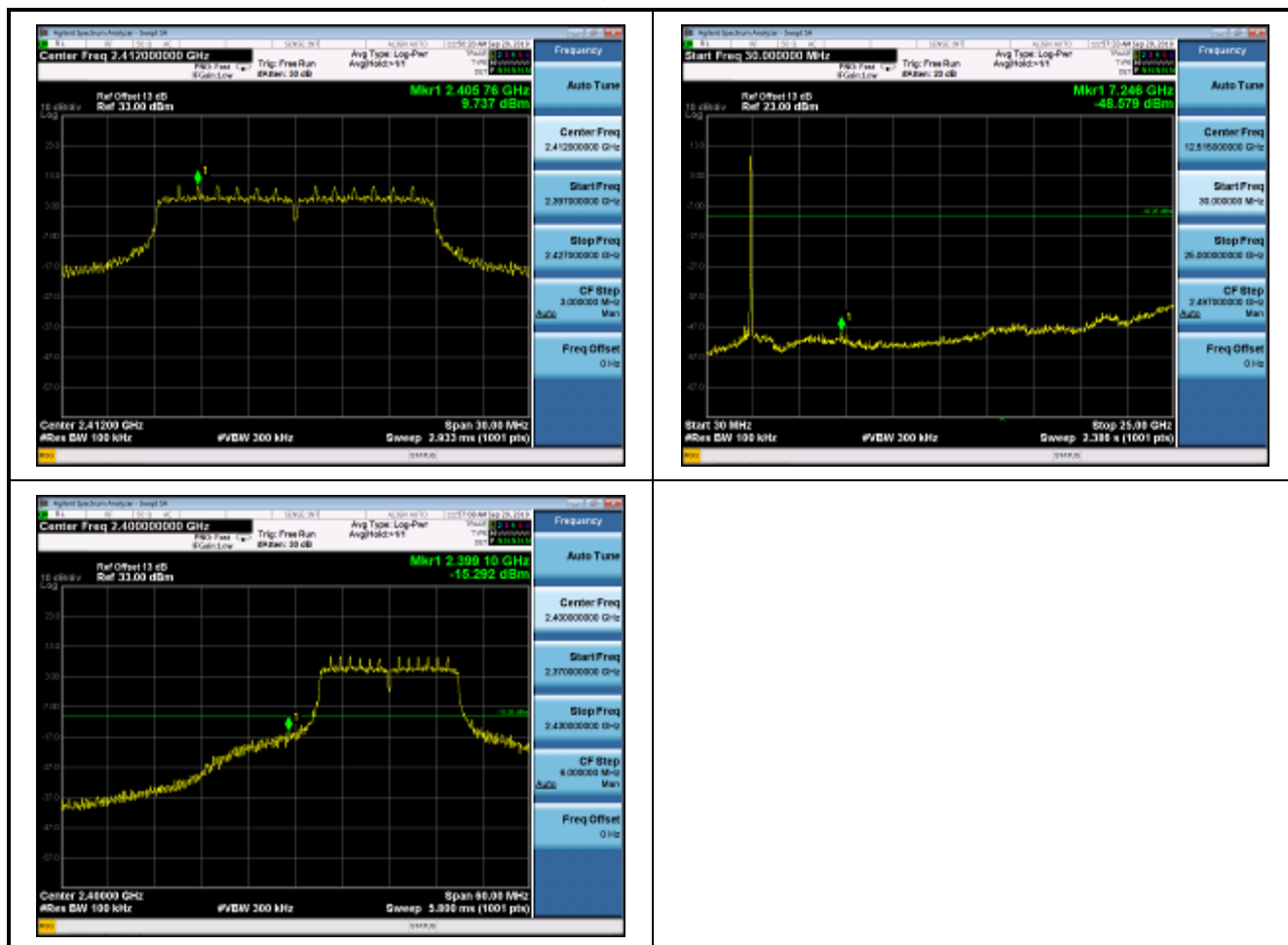


Mode 2: Transmit by 802.11g (2462MHz)



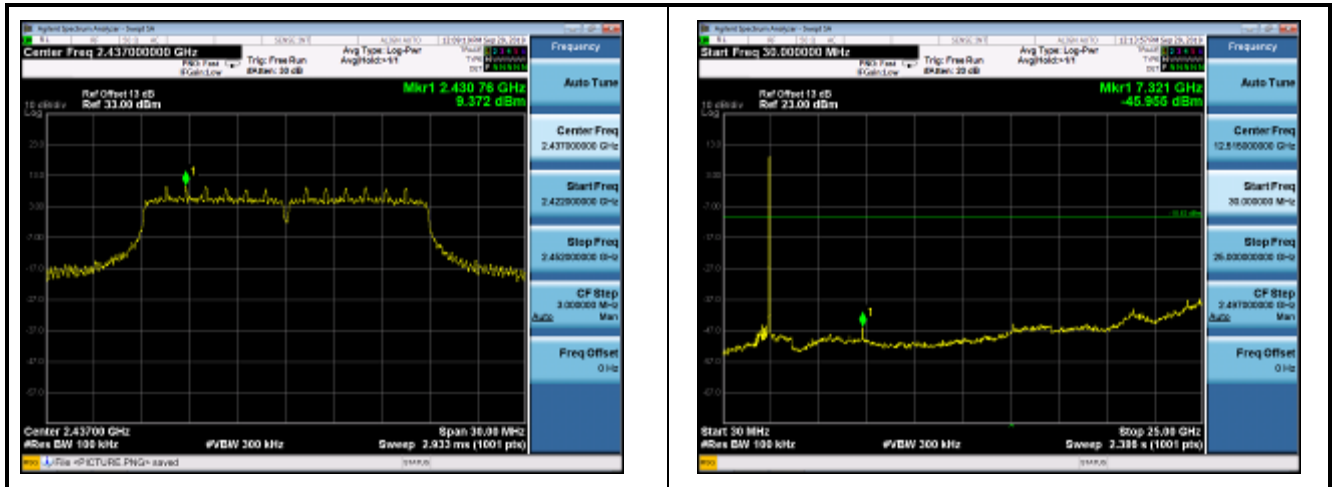


Mode 3: Transmit by 802.11n-HT20 (2412MHz)

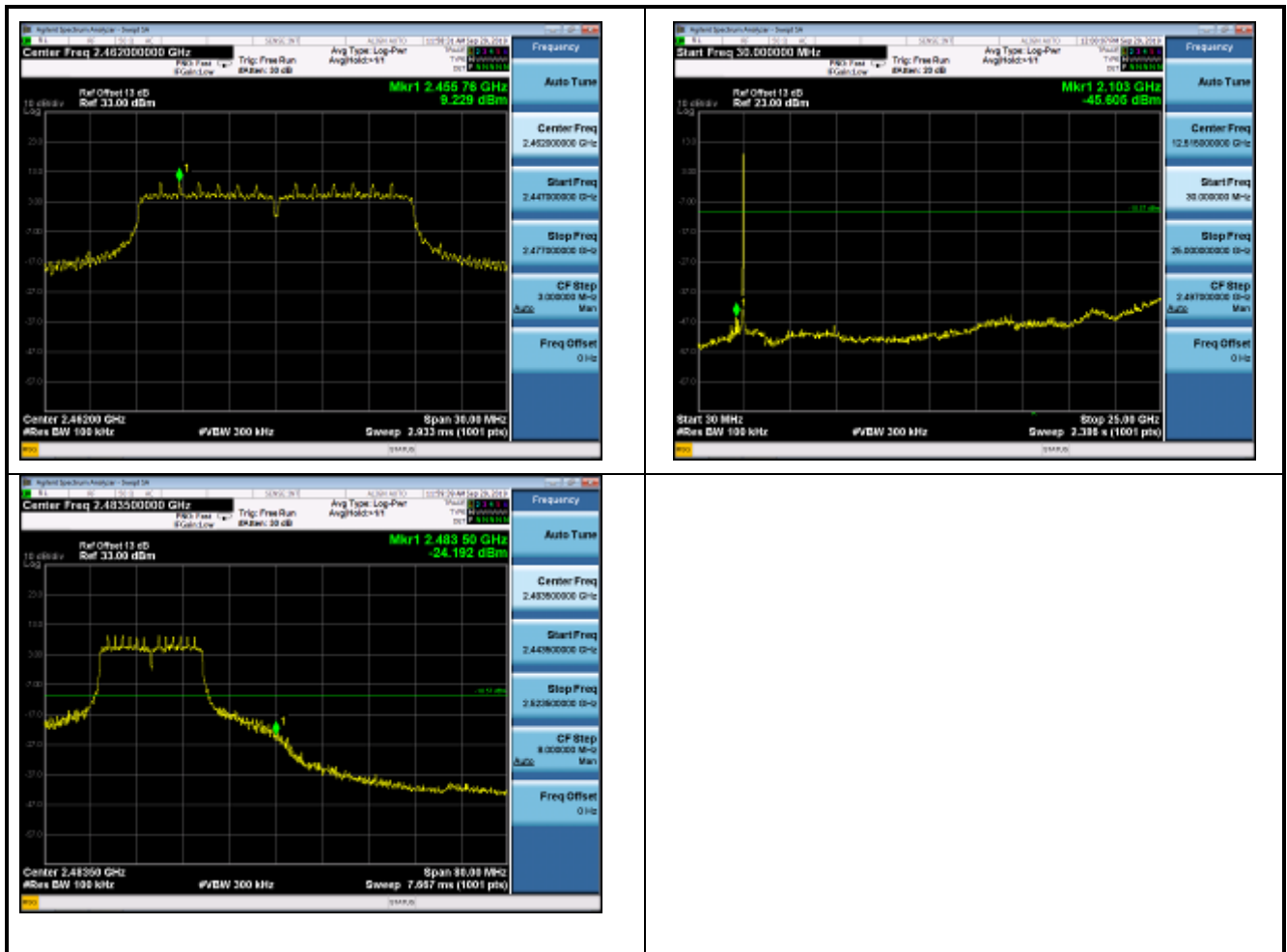




Mode 3: Transmit by 802.11n-HT20 (2437MHz)

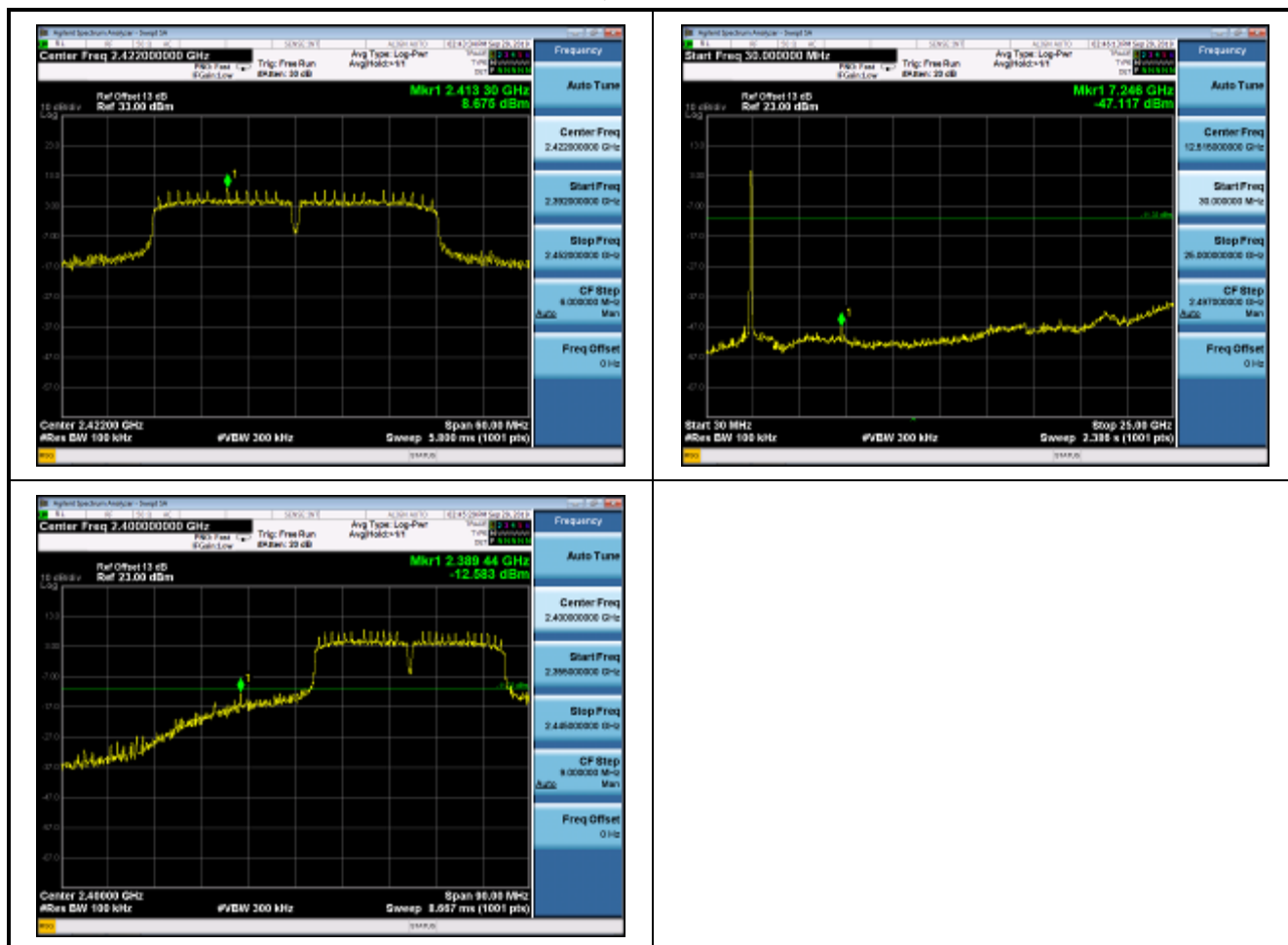


Mode 3: Transmit by 802.11n-HT20 (2462MHz)



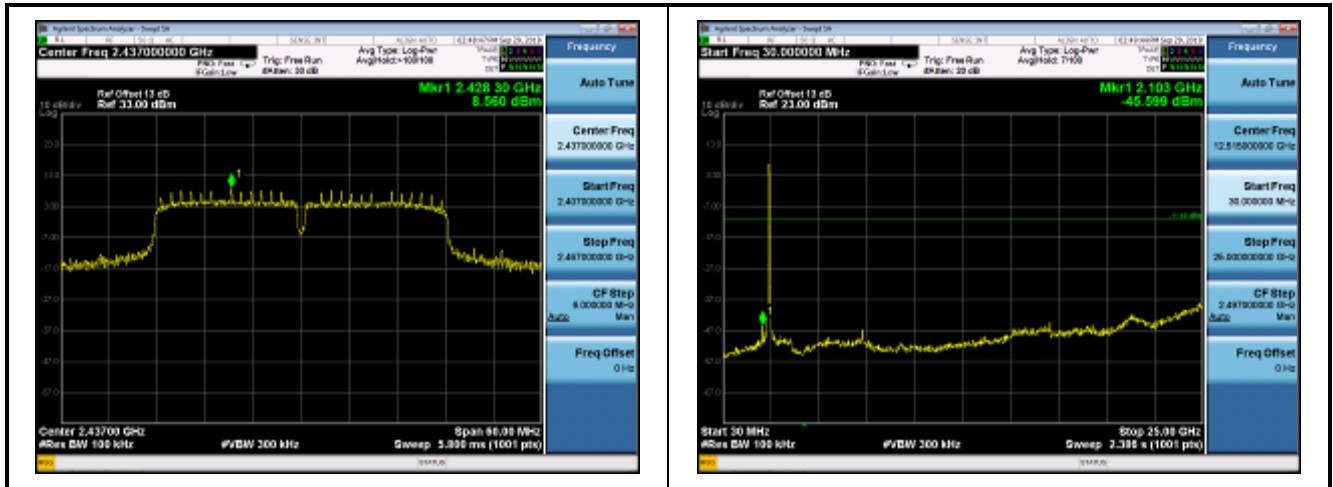


Mode 4: Transmit by 802.11n-HT40 (2422MHz)





Mode 4: Transmit by 802.11n-HT40 (2437MHz)



Mode 4: Transmit by 802.11n-HT40 (2452MHz)





9. Radiated Emission Band Edge Measurement

9.1 Test Limit

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a) of FCC part 15.

9.2 Test Standard

ANSI C63.10-2013 Section 6.10.5

9.3 Test Procedure

Peak Field Strength Measurements:

Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

7. RBW=As specified in Table 1
8. VBW=3×RBW
9. Detector=Peak
10. Trace mode=Max hold
11. Sweep time=Auto couple
12. Allow the trace to stabilize

Table 1-RBW as a function of frequency

Frequency	RBW
9 ~ 150kHz	200 ~ 300Hz
0.15 ~ 30MHz	9 ~ 10kHz
30 ~ 1000MHz	100 ~ 120kHz
> 1000MHz	1MHz



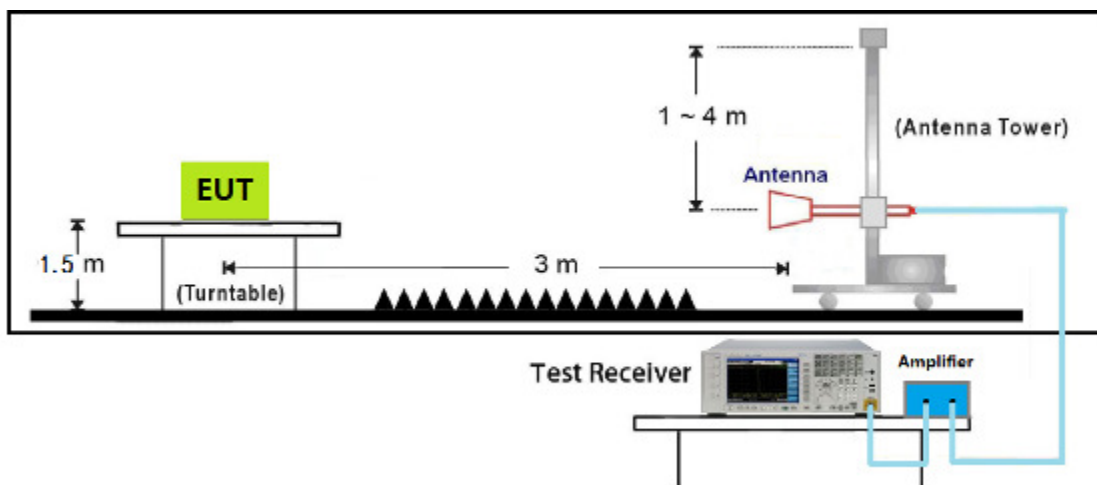
AVE Field Strength Measurements:

Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

7. RBW= 1MHz
8. VBW $\geq$ 1/T
9. Detector=Peak
10. Trace mode=Max hold
11. Sweep time=Auto couple
12. Allow max hold to run for at least 50 times(1/duty cycle) trace

As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to “Voltage” regardless of the display mode

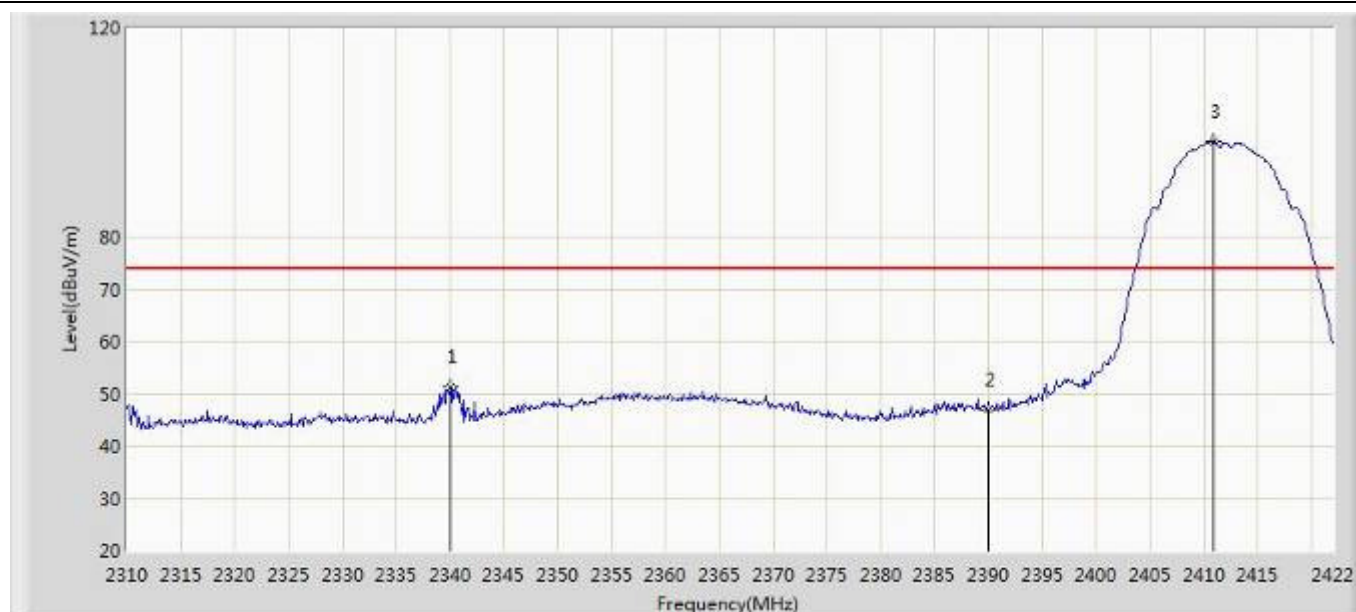
9.4 Test Setup Layout





9.5 Test Result

Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 14:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11b 2412MHz	



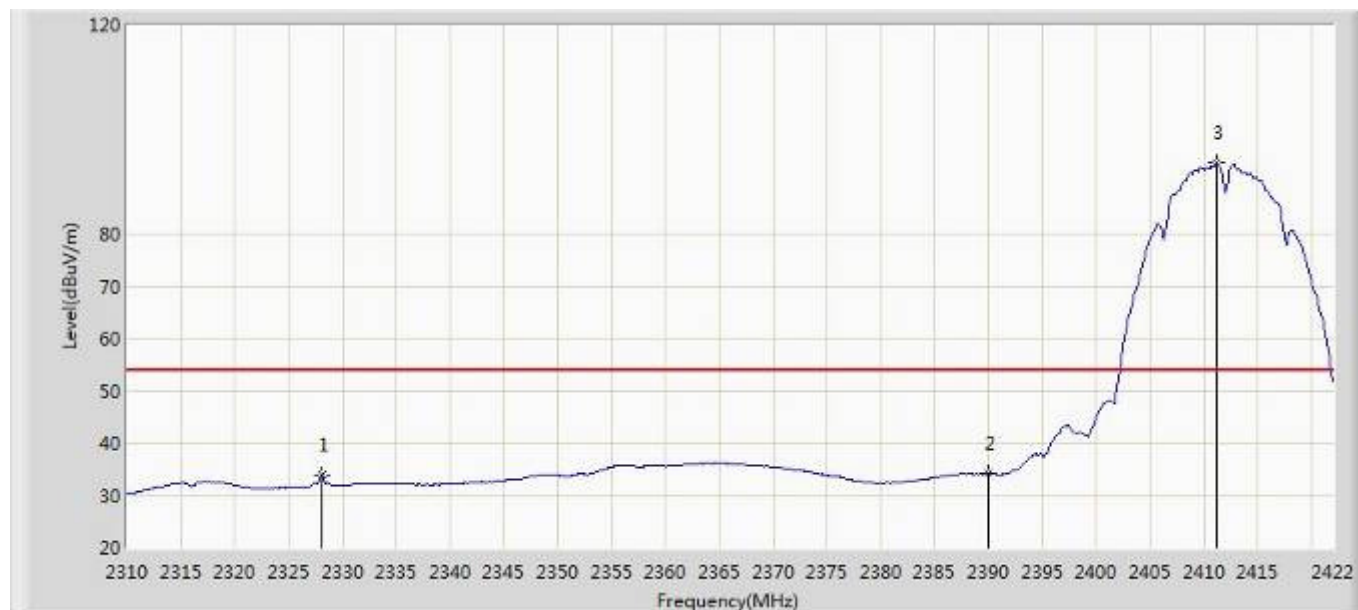
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2340.016	51.219	53.081	-22.781	74.000	-1.862	PK
2		2390.000	47.081	48.758	-26.919	74.000	-1.677	PK
3	*	2410.912	98.177	99.777	N/A	N/A	-1.600	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 14:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11b 2412MHz	



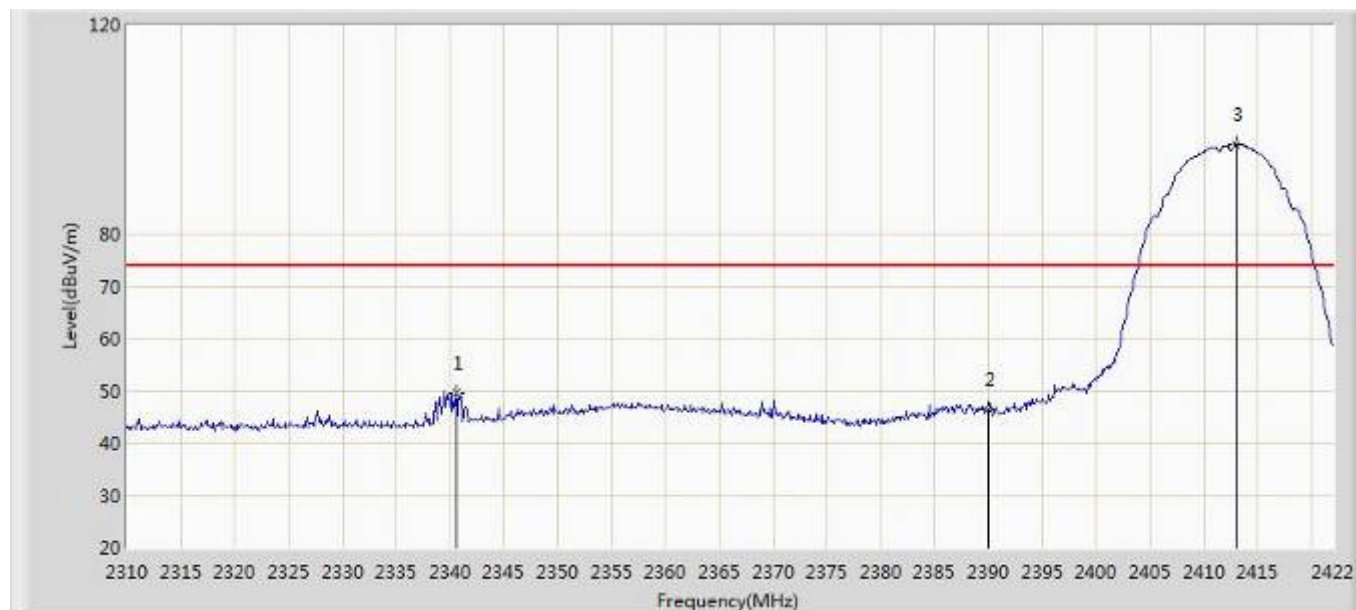
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2328.144	33.889	35.795	-20.111	54.000	-1.906	AV
2		2390.000	34.215	35.892	-19.785	54.000	-1.677	AV
3	*	2411.248	93.610	95.208	N/A	N/A	-1.598	AV

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 13:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11b 2412MHz	



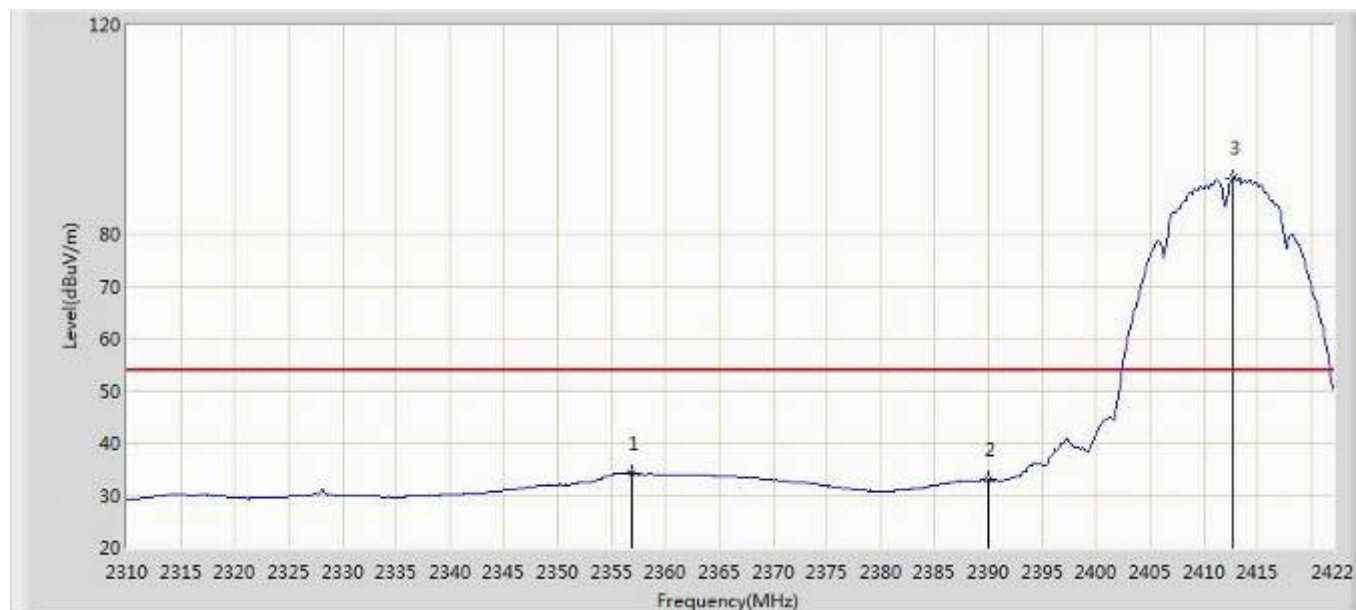
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2340.576	49.604	51.464	-24.396	74.000	-1.860	PK
2		2390.000	46.471	48.148	-27.529	74.000	-1.677	PK
3	*	2413.040	97.140	98.732	N/A	N/A	-1.592	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 14:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11b 2412MHz	



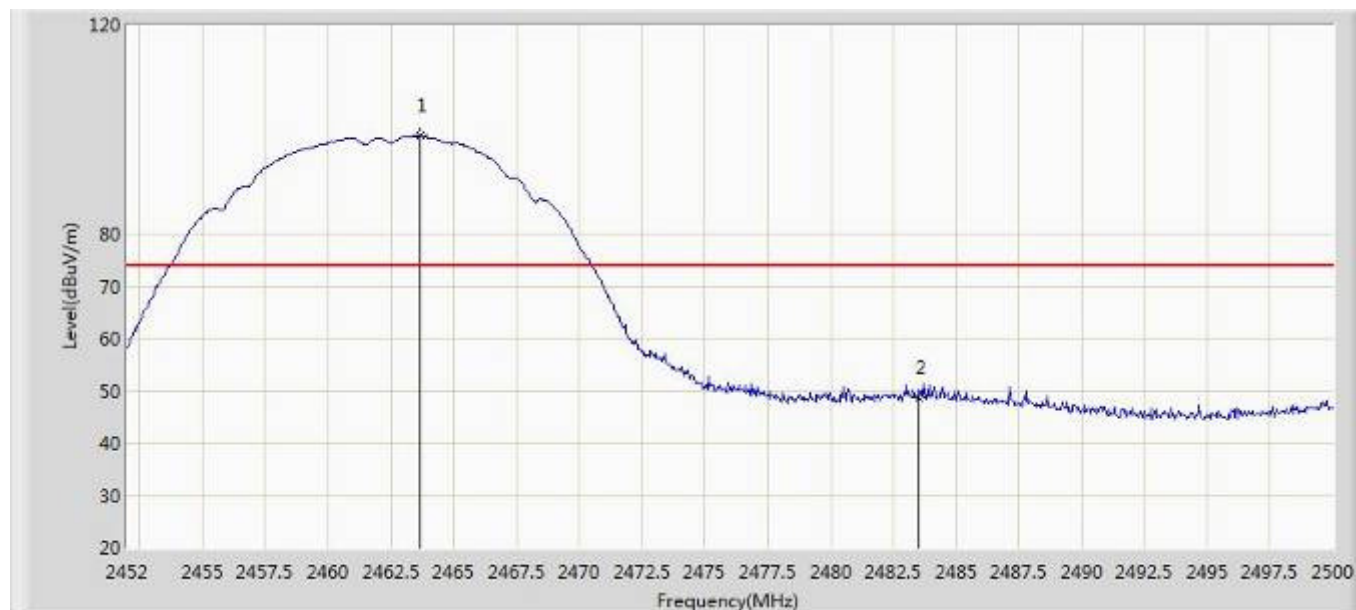
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2356.928	34.343	36.142	-19.657	54.000	-1.799	AV
2		2390.000	32.961	34.638	-21.039	54.000	-1.677	AV
3	*	2412.704	90.824	92.417	N/A	N/A	-1.593	AV

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 14:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11b 2462MHz	



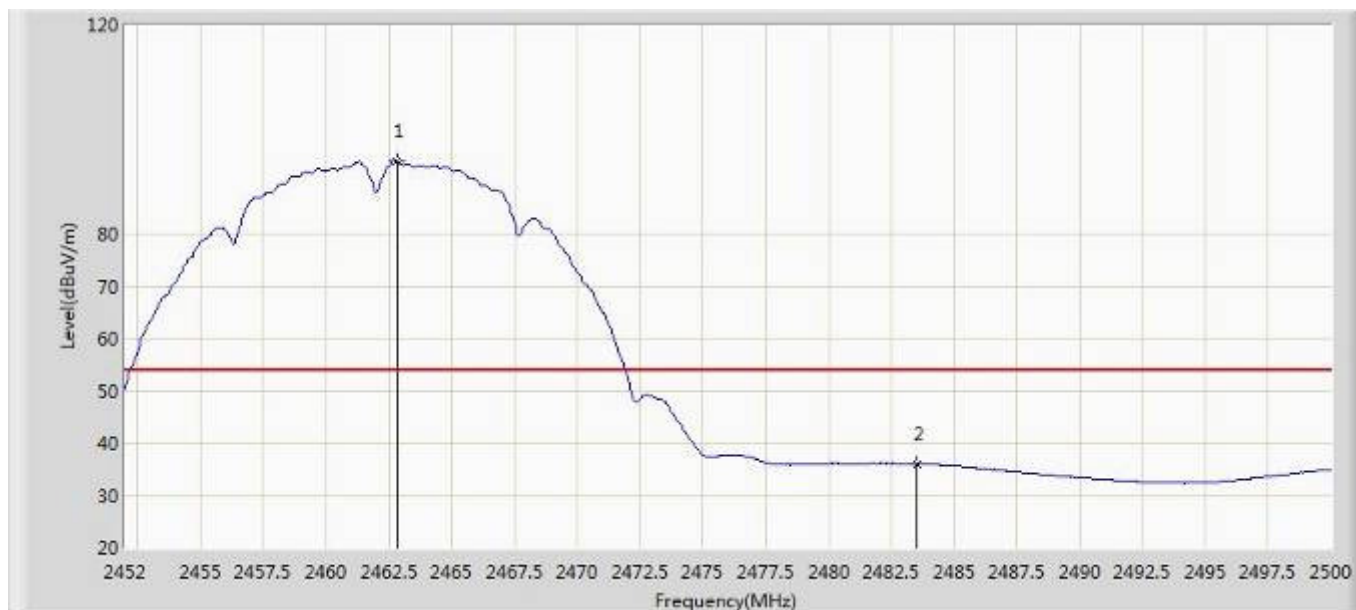
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.664	98.741	100.146	N/A	N/A	-1.405	PK
2		2483.500	48.791	50.122	-25.209	74.000	-1.331	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 14:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11b 2462MHz	



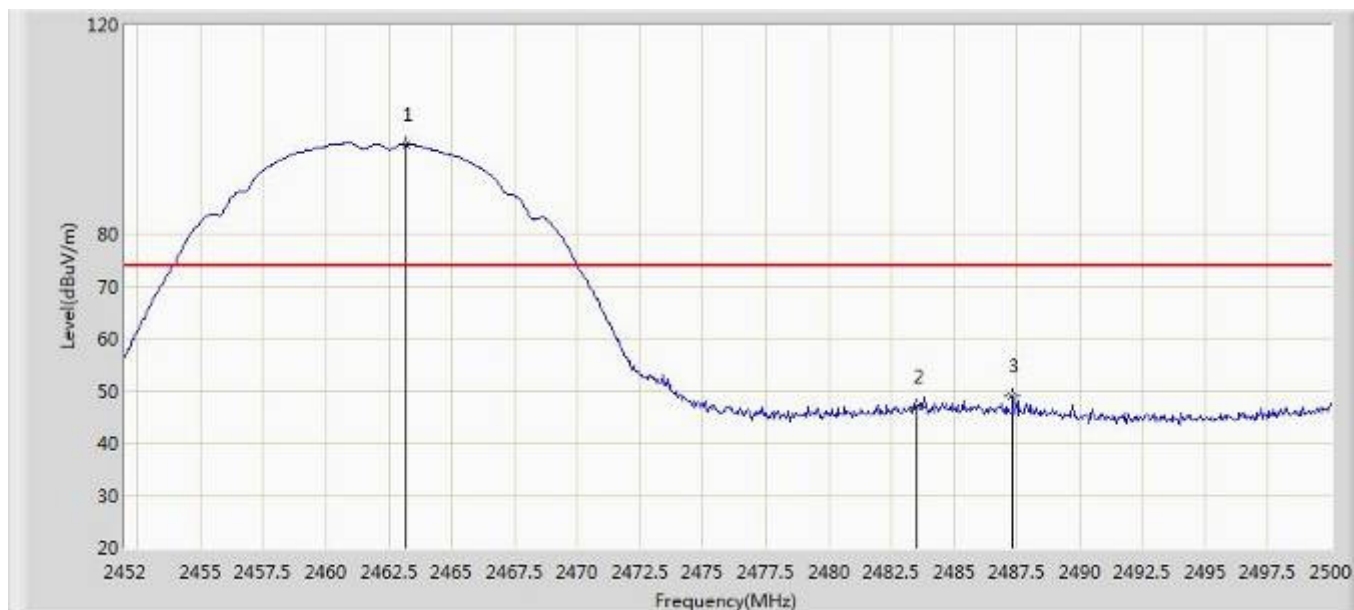
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.800	93.864	95.272	N/A	N/A	-1.408	AV
2		2483.500	36.000	37.331	-18.000	54.000	-1.331	AV

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 14:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11b 2462MHz	



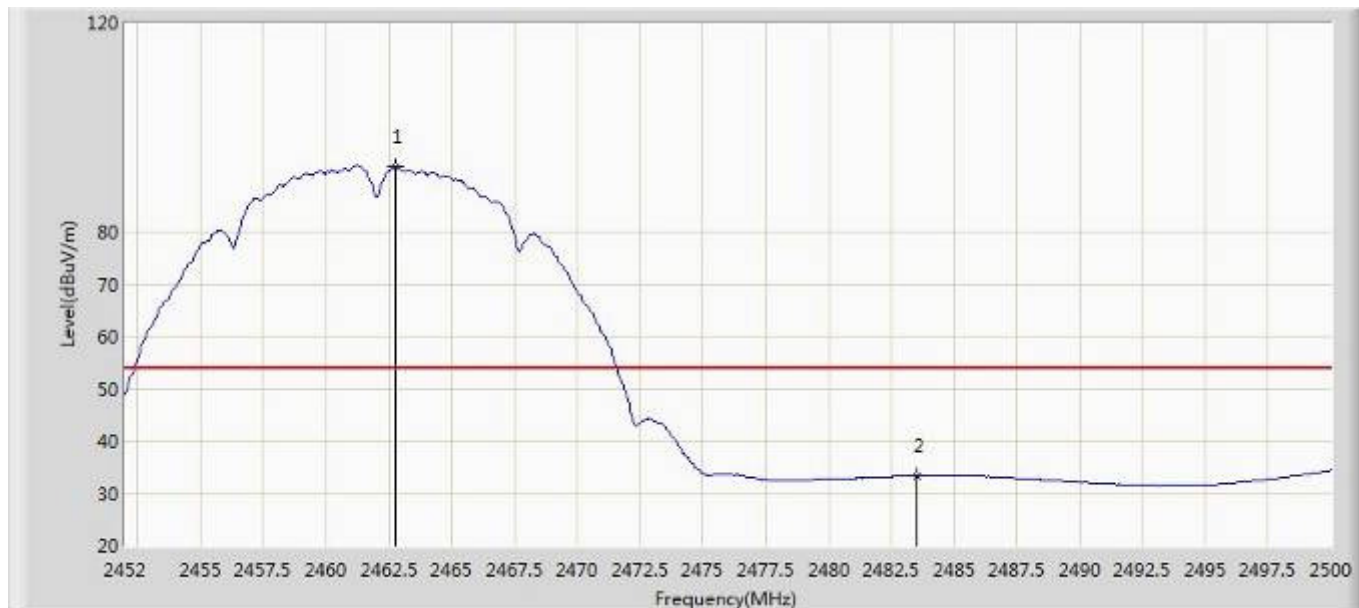
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.184	97.197	98.603	N/A	N/A	-1.406	PK
2		2483.500	46.858	48.189	-27.142	74.000	-1.331	PK
3		2487.328	49.028	50.345	-24.972	74.000	-1.317	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 14:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11b 2462MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.752	92.597	94.005	N/A	N/A	-1.408	AV
2		2483.500	33.345	34.676	-20.655	54.000	-1.331	AV

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 14:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11g 2412MHz	



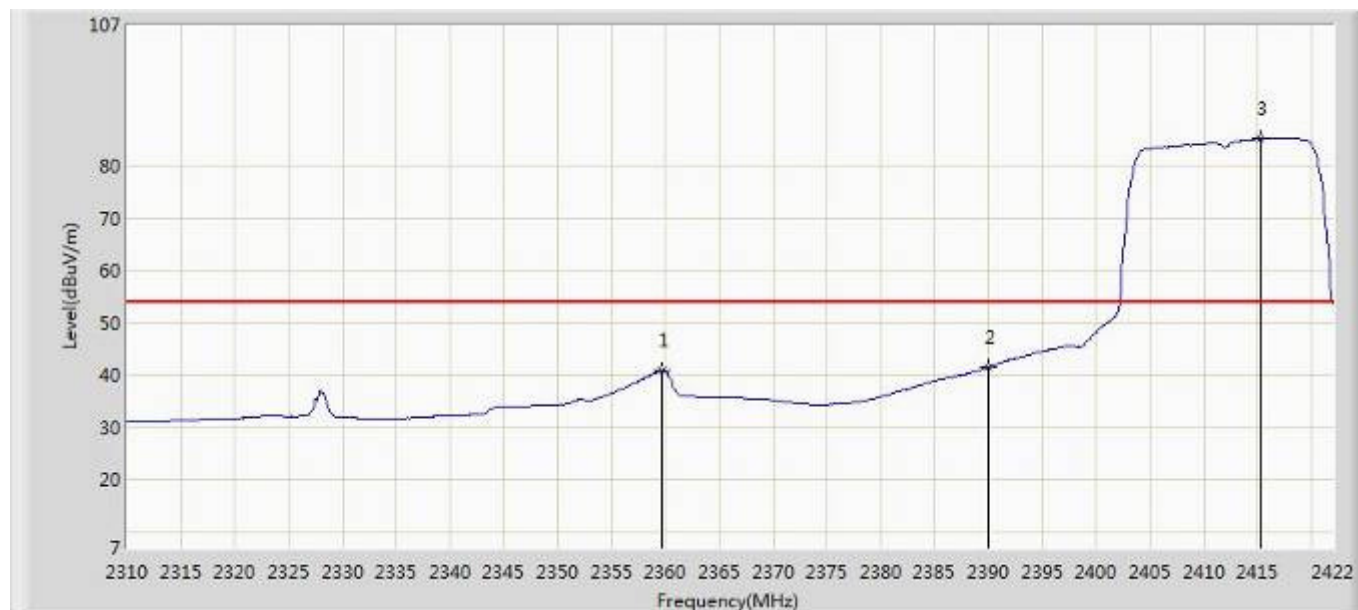
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	66.812	68.489	-7.188	74.000	-1.677	PK
2	*	2416.400	105.331	106.910	N/A	N/A	-1.579	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 14:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11g 2412MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2359.728	40.855	42.644	-13.145	54.000	-1.789	AV
2		2390.000	41.468	43.145	-12.532	54.000	-1.677	AV
3	*	2415.280	85.263	86.846	N/A	N/A	-1.583	AV

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 14:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11g 2412MHz	



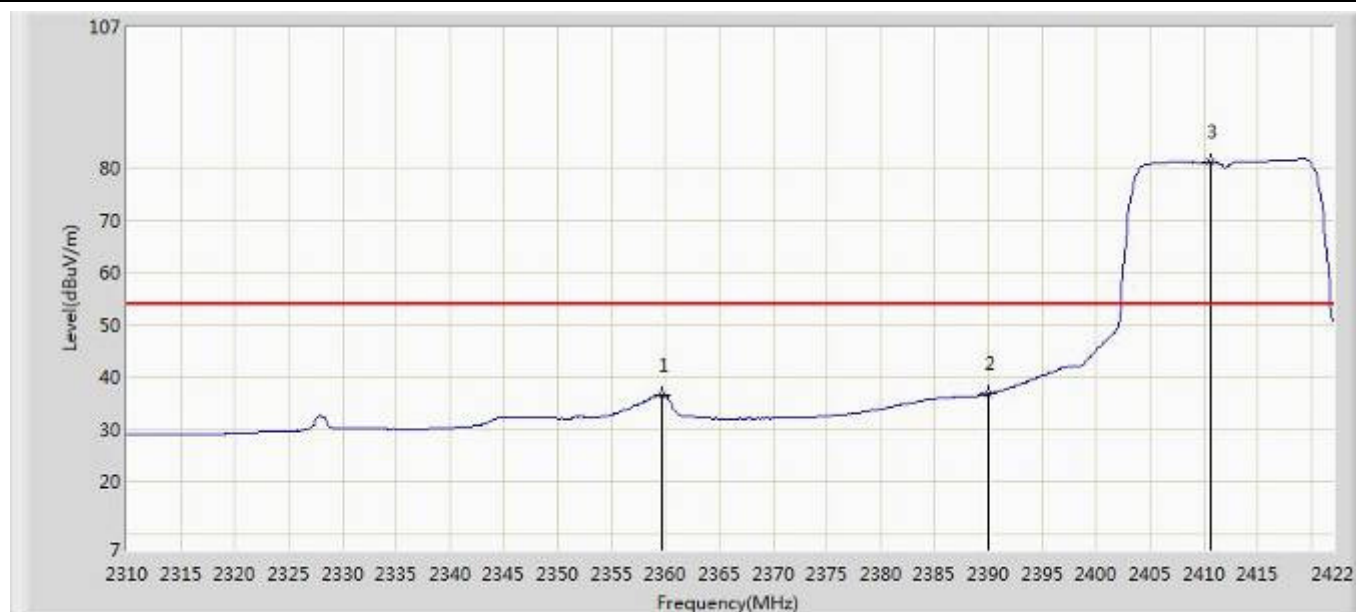
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	59.642	61.319	-14.358	74.000	-1.677	PK
2	*	2414.384	100.601	102.188	N/A	N/A	-1.587	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 14:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11g 2412MHz	



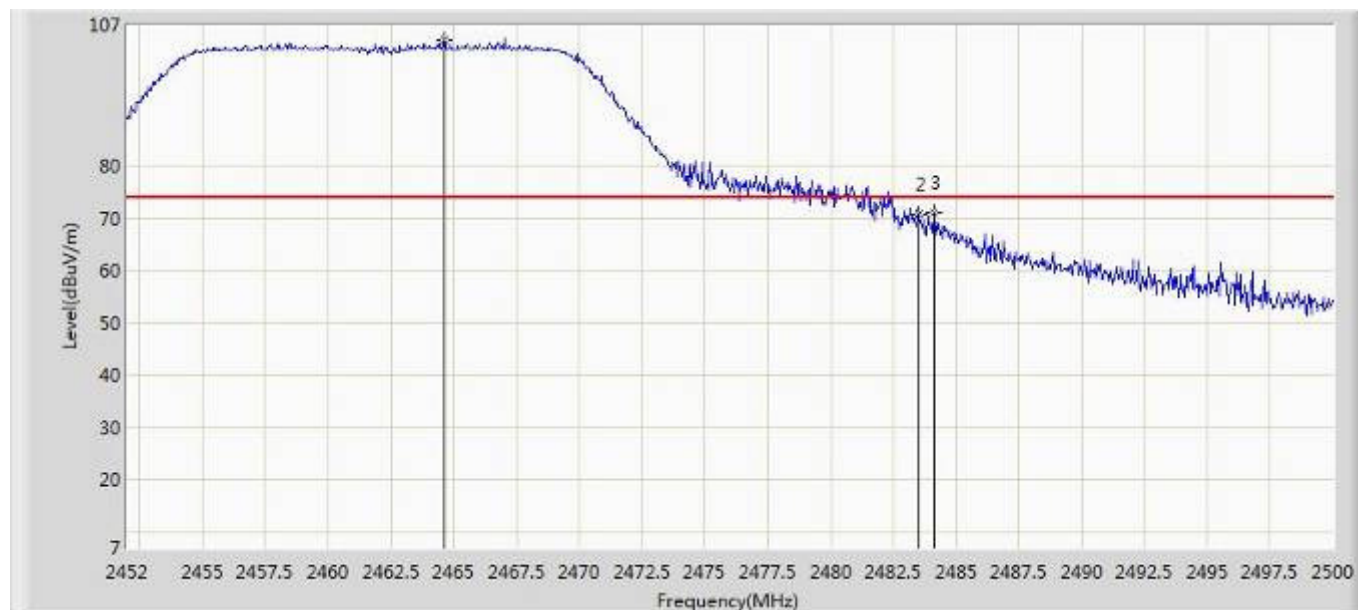
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2359.616	36.670	38.459	-17.330	54.000	-1.789	AV
2		2390.000	36.747	38.424	-17.253	54.000	-1.677	AV
3	*	2410.688	81.114	82.714	N/A	N/A	-1.600	AV

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 14:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11g 2462MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2464.624	104.071	105.472	N/A	N/A	-1.401	PK
2		2483.500	70.772	72.103	-3.228	74.000	-1.331	PK
3		2484.112	70.922	72.250	-3.078	74.000	-1.328	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 14:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11g 2462MHz	



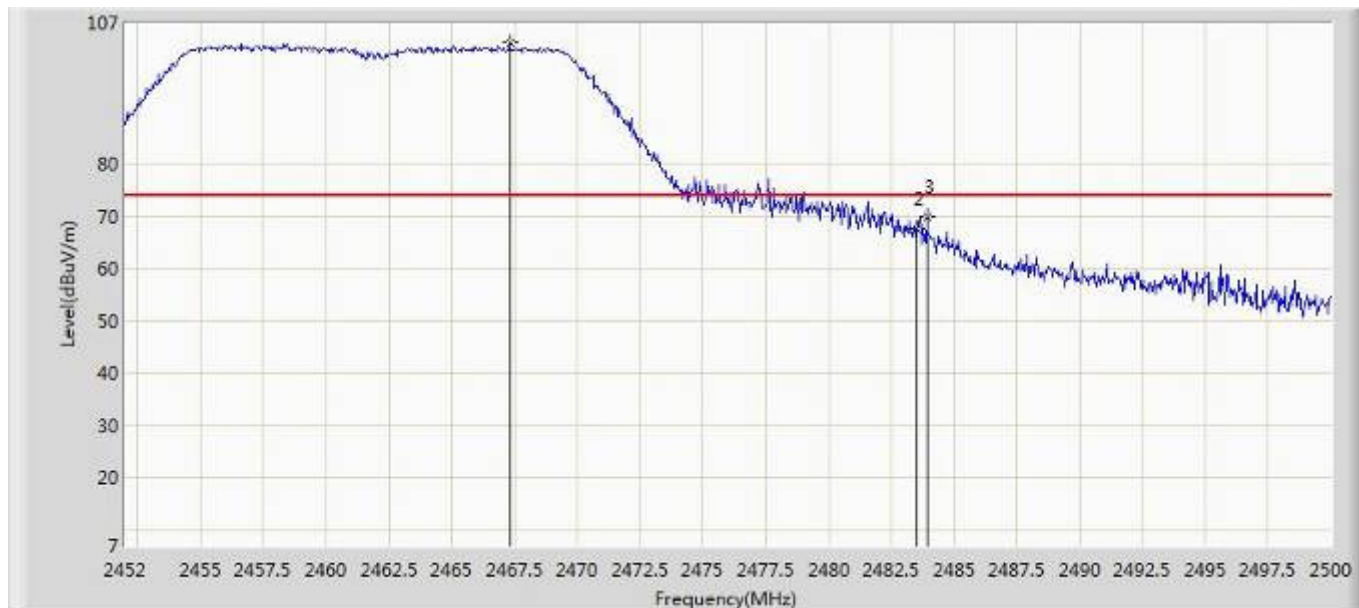
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.088	84.362	85.769	N/A	N/A	-1.407	AV
2		2483.500	41.434	42.765	-12.566	54.000	-1.331	AV

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 14:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11g 2462MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2467.312	103.250	104.641	N/A	N/A	-1.391	PK
2		2483.500	67.465	68.796	-6.535	74.000	-1.331	PK
3		2483.920	69.806	71.135	-4.194	74.000	-1.329	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 15:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11g 2462MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2454.592	80.642	82.080	N/A	N/A	-1.438	AV
2		2483.500	39.804	41.135	-14.196	54.000	-1.331	AV

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 15:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11n-HT20 2412MHz	



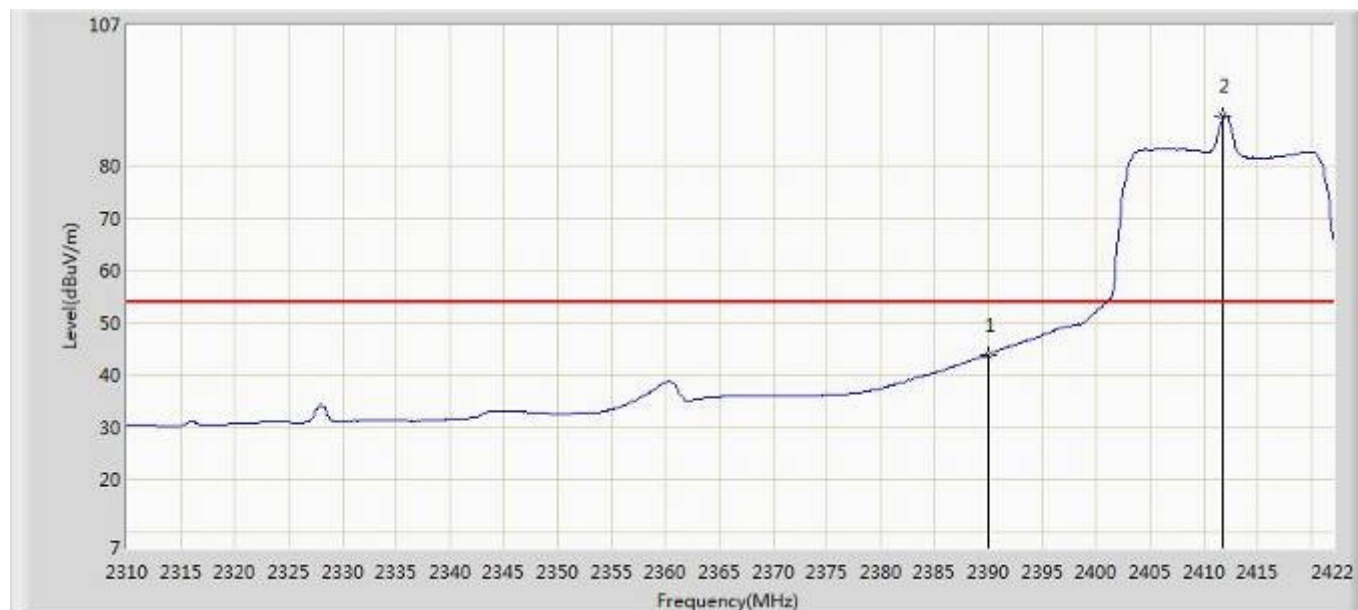
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	68.753	70.430	-5.247	74.000	-1.677	PK
2	*	2412.032	105.741	107.336	N/A	N/A	-1.595	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 15:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11n-HT20 2412MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	43.956	45.633	-10.044	54.000	-1.677	AV
2	*	2411.808	89.526	91.122	N/A	N/A	-1.596	AV

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 15:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11n-HT20 2412MHz	



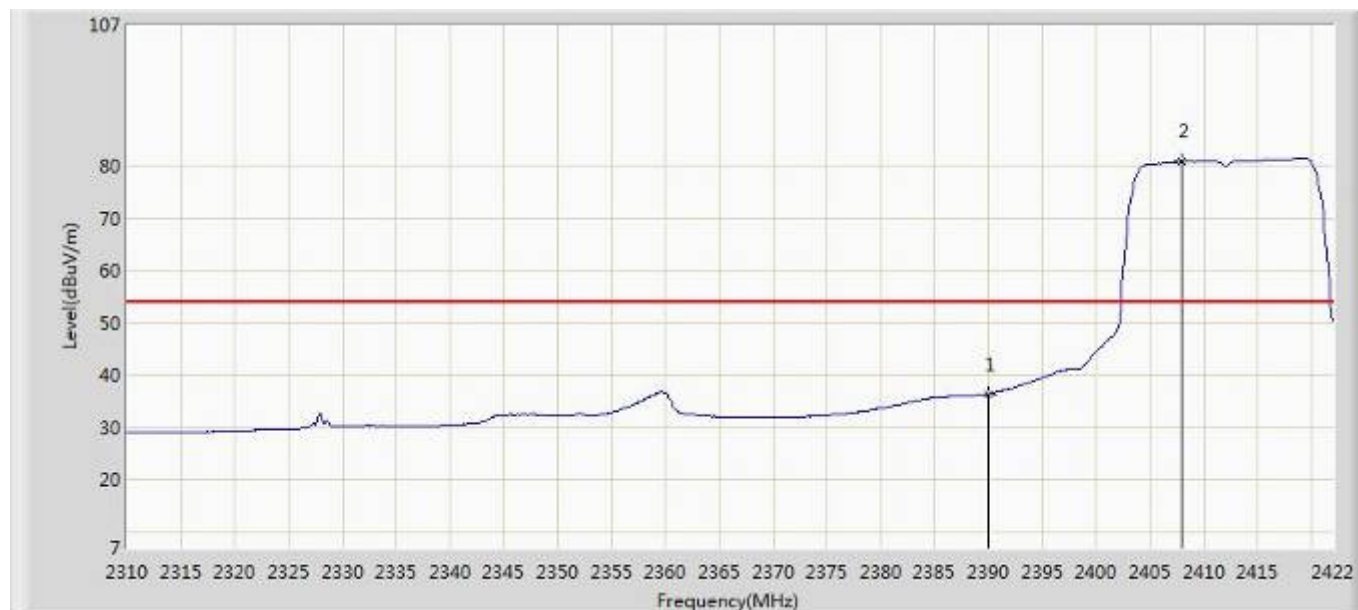
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	62.707	64.384	-11.293	74.000	-1.677	PK
2	*	2414.048	102.589	104.177	N/A	N/A	-1.588	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 15:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11n-HT20 2412MHz	



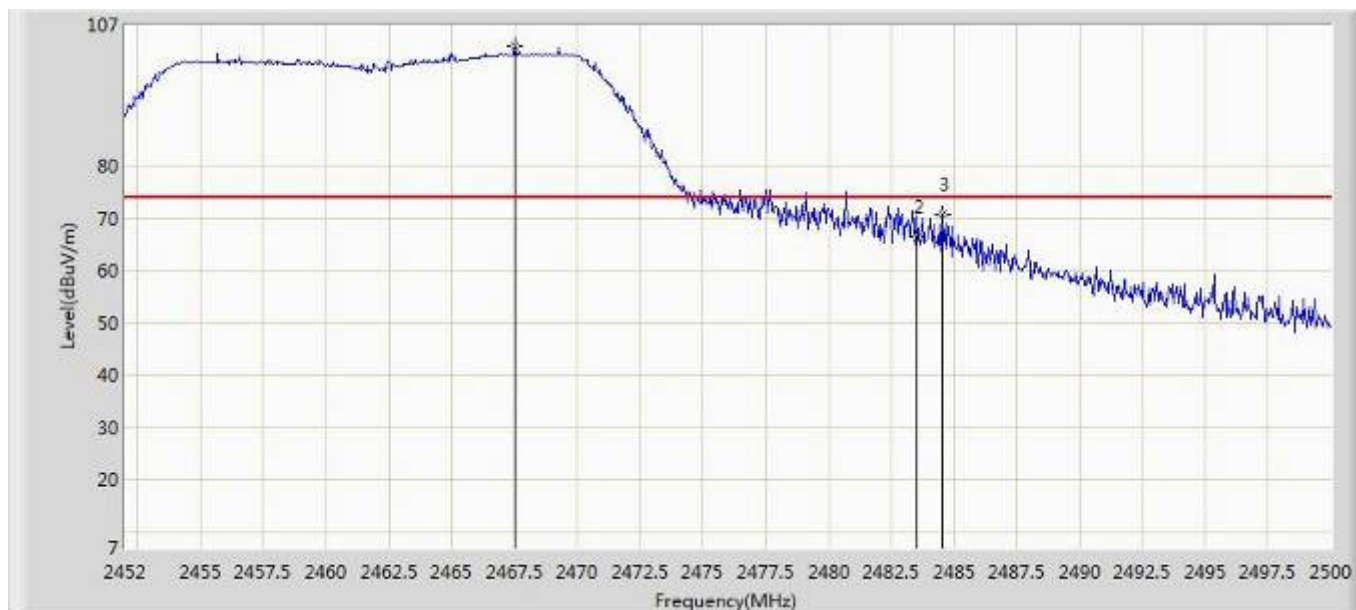
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	36.410	38.087	-17.590	54.000	-1.677	AV
2	*	2408.000	80.780	82.390	N/A	N/A	-1.610	AV

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 15:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11n-HT20 2462MHz	



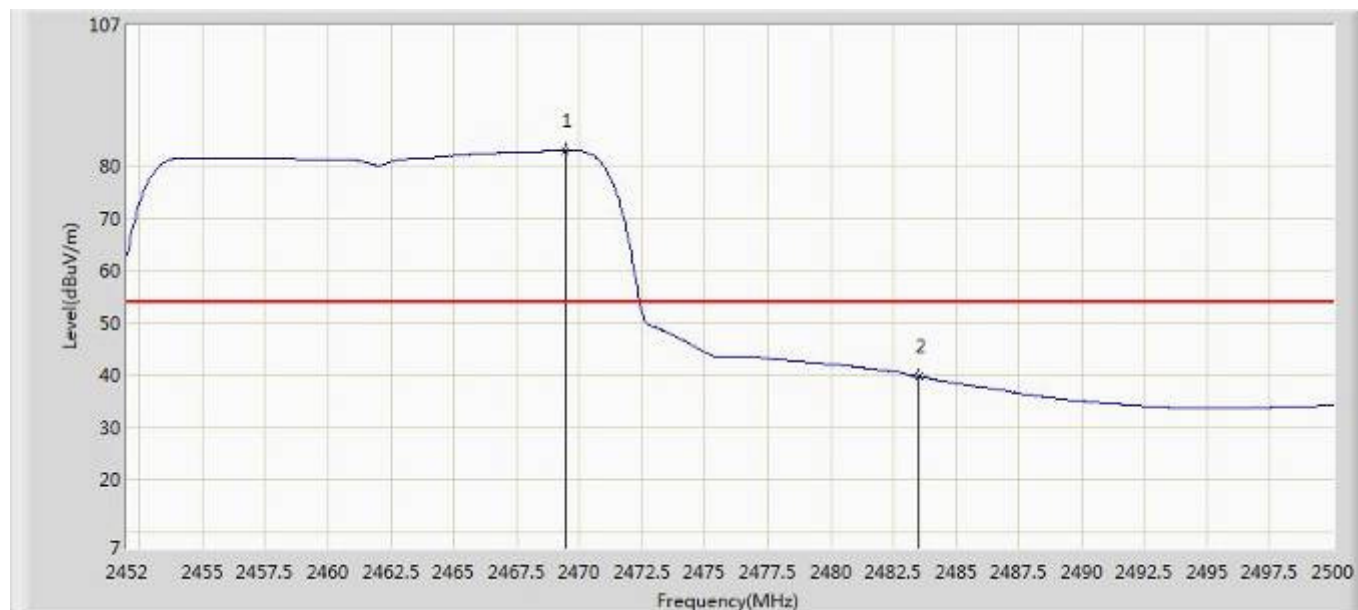
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2467.504	102.926	104.316	N/A	N/A	-1.390	PK
2		2483.500	66.281	67.612	-7.719	74.000	-1.331	PK
3		2484.544	70.900	72.227	-3.100	74.000	-1.327	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 15:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11n-HT20 2462MHz	



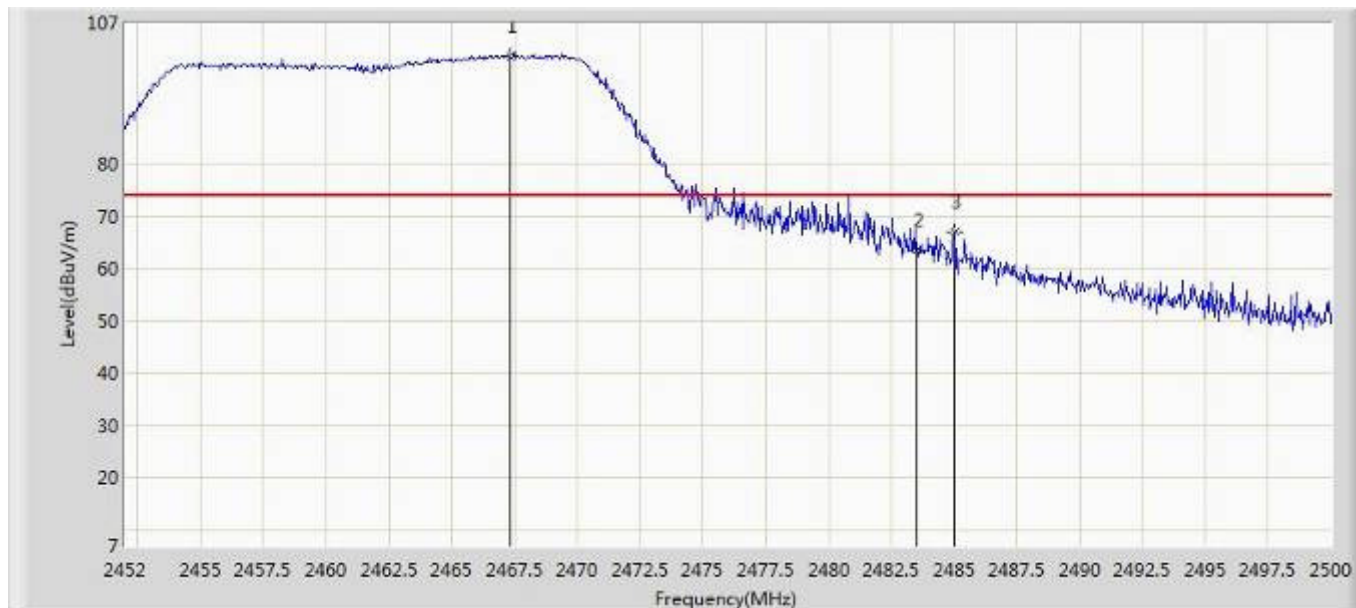
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2469.472	82.989	84.372	N/A	N/A	-1.383	AV
2		2483.500	39.794	41.125	-14.206	54.000	-1.331	AV

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 15:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11n-HT20 2462MHz	



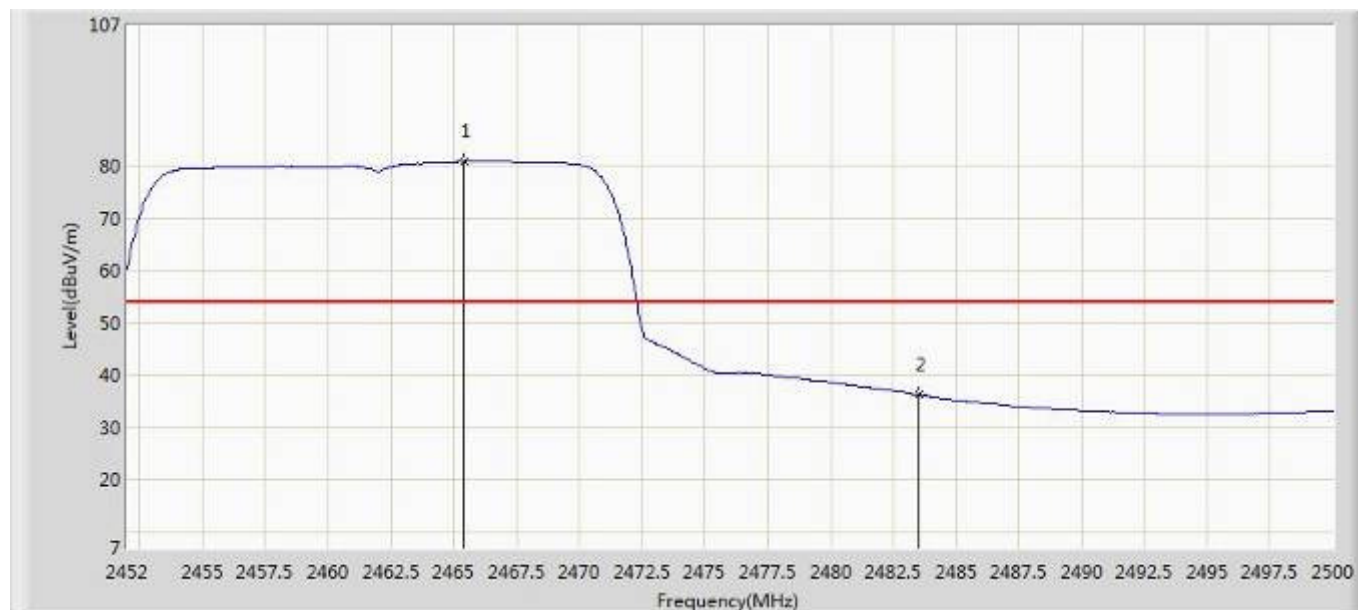
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2467.312	100.644	102.035	N/A	N/A	-1.391	PK
2		2483.500	63.540	64.871	-10.460	74.000	-1.331	PK
3		2485.024	66.936	68.261	-7.064	74.000	-1.325	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 15:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11n-HT20 2462MHz	



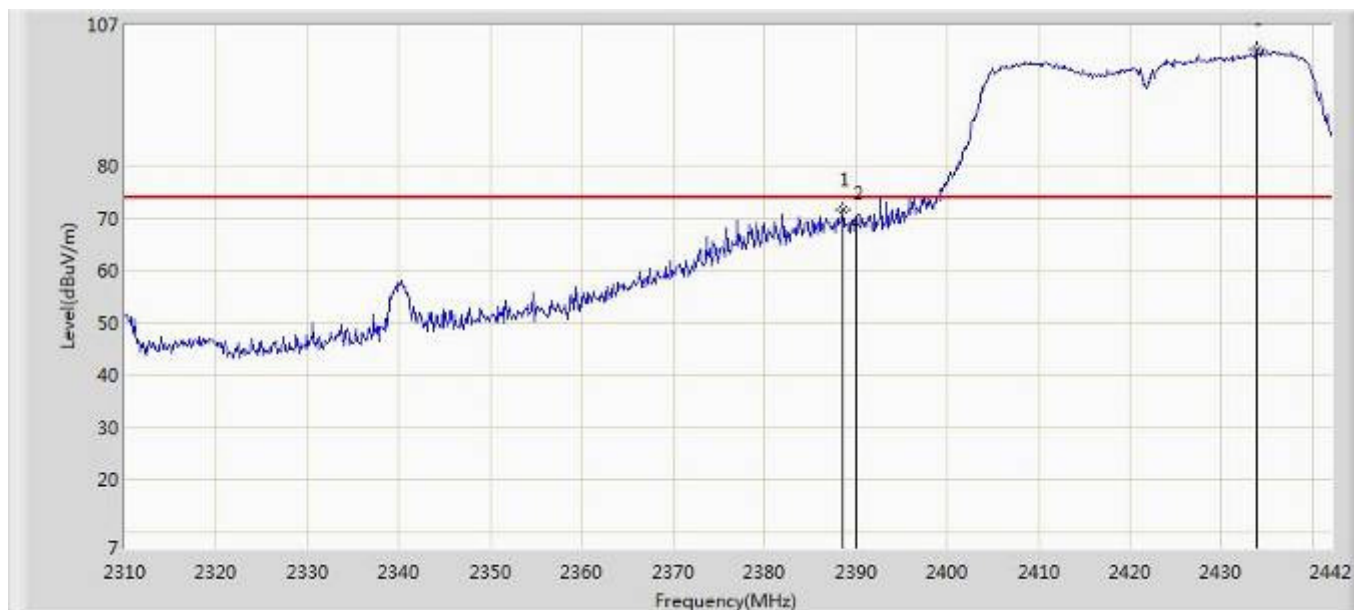
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2465.440	80.778	82.176	N/A	N/A	-1.398	AV
2		2483.500	36.174	37.505	-17.826	54.000	-1.331	AV

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 15:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11n-HT40 2422MHz	



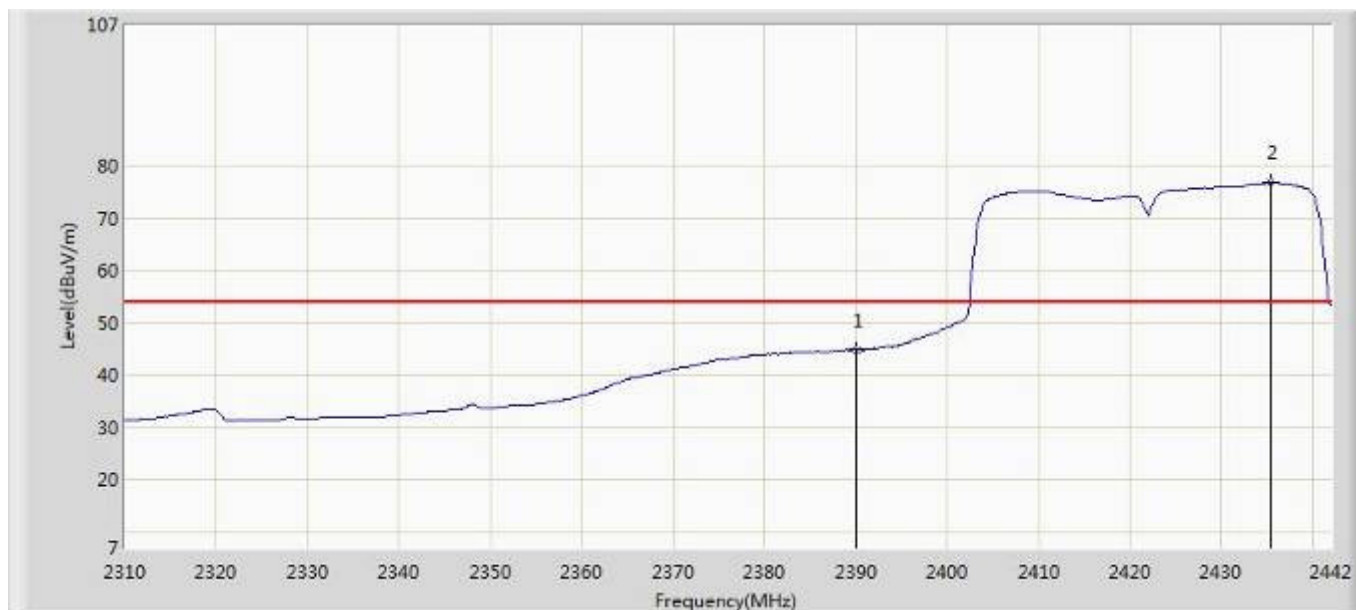
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2388.540	71.595	73.277	-2.405	74.000	-1.682	PK
2		2390.000	68.972	70.649	-5.028	74.000	-1.677	PK
3	*	2433.816	102.350	103.865	N/A	N/A	-1.515	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 16:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11n-HT40 2422MHz	



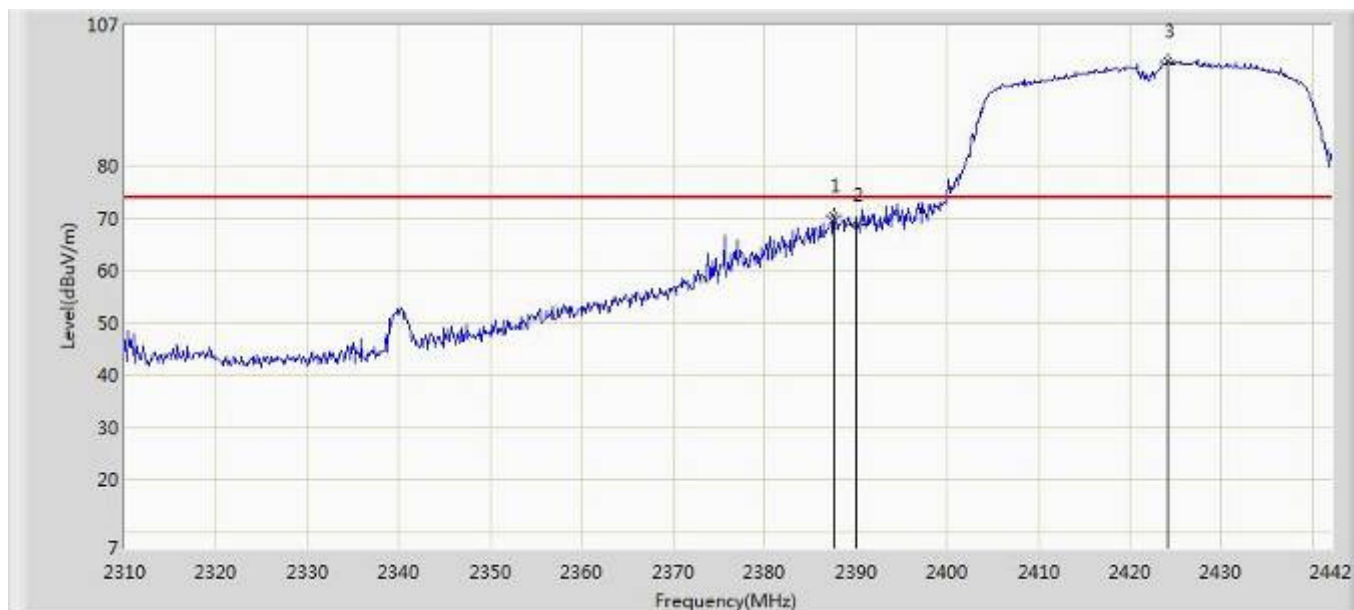
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	44.805	46.482	-9.195	54.000	-1.677	AV
2	*	2435.400	76.752	78.261	N/A	N/A	-1.509	AV

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 15:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11n-HT40 2422MHz	



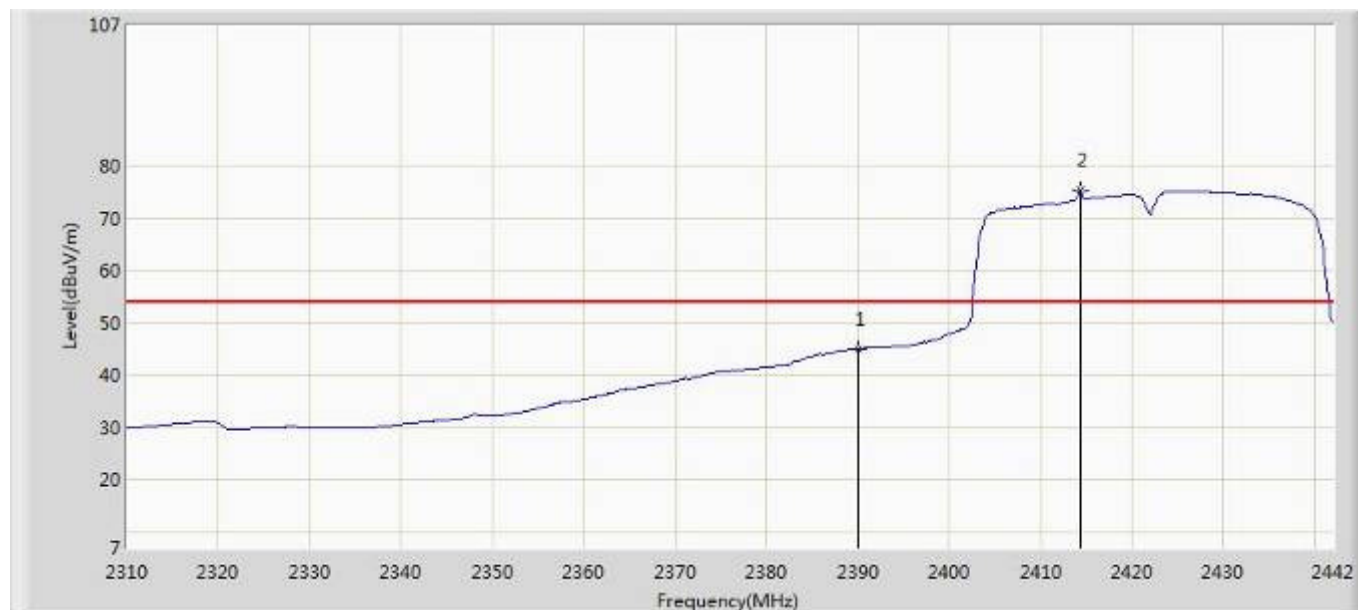
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2387.616	70.556	72.242	-3.444	74.000	-1.686	PK
2		2390.000	68.859	70.536	-5.141	74.000	-1.677	PK
3	*	2424.180	100.107	101.657	N/A	N/A	-1.550	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 15:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11n-HT40 2422MHz	



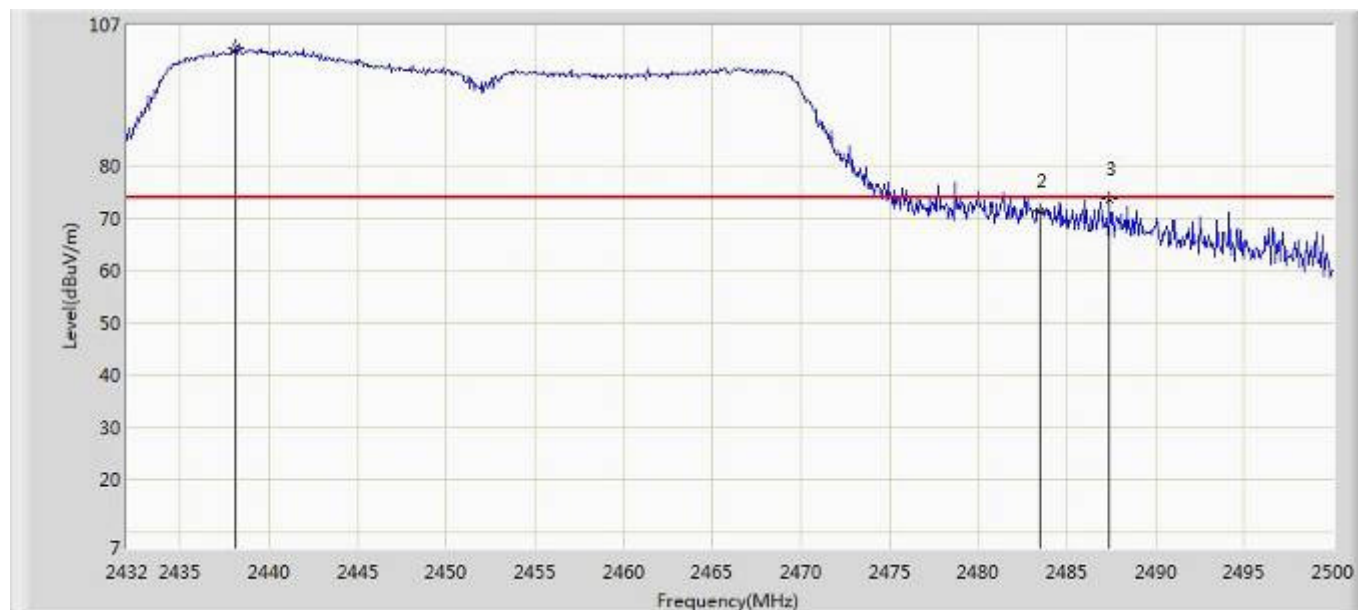
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	44.969	46.646	-9.031	54.000	-1.677	AV
2	*	2414.412	75.506	77.093	N/A	N/A	-1.587	AV

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 16:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11n-HT40 2452MHz	



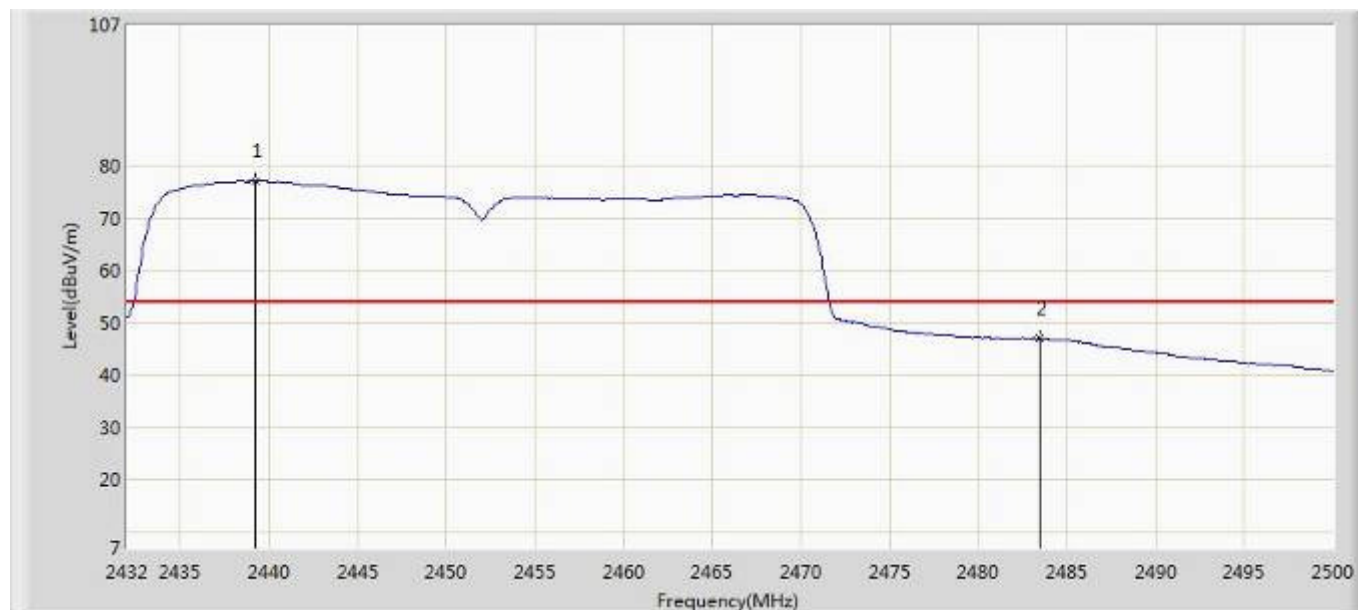
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2438.120	102.592	104.091	N/A	N/A	-1.499	PK
2		2483.500	71.474	72.805	-2.526	74.000	-1.331	PK
3		2487.420	73.581	74.897	-0.419	74.000	-1.316	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 16:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11n-HT40 2452MHz	



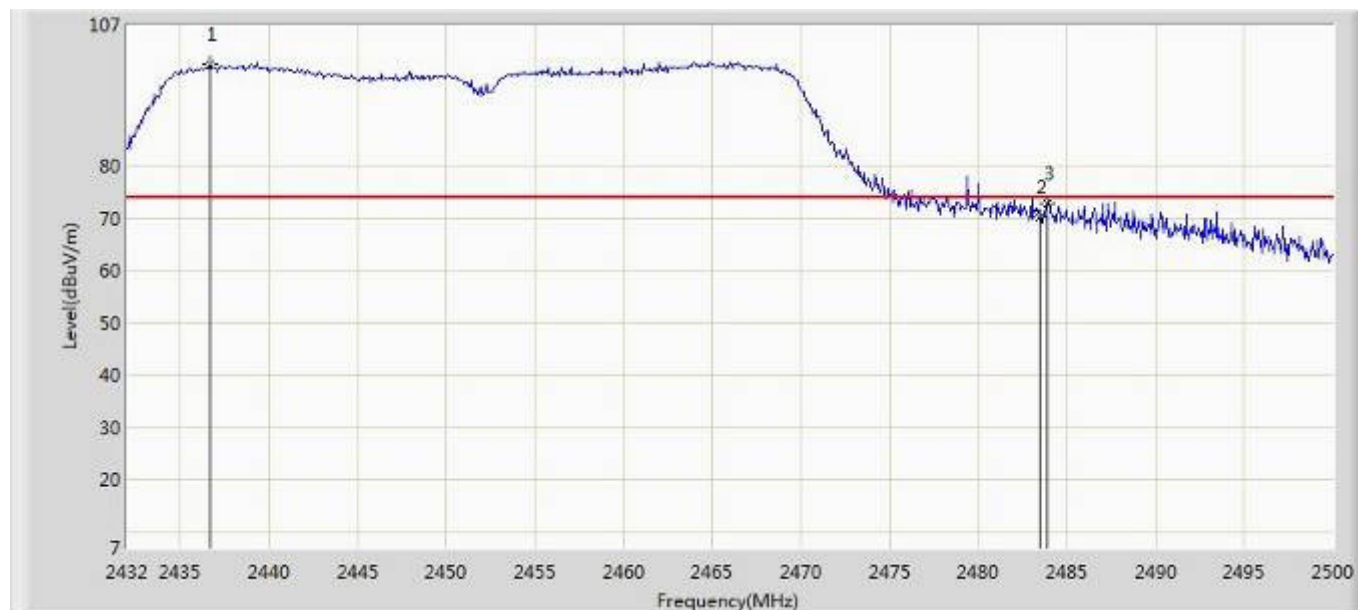
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2439.208	77.068	78.563	N/A	N/A	-1.495	AV
2		2483.500	46.968	48.299	-7.032	54.000	-1.331	AV

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 16:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11n-HT40 2452MHz	



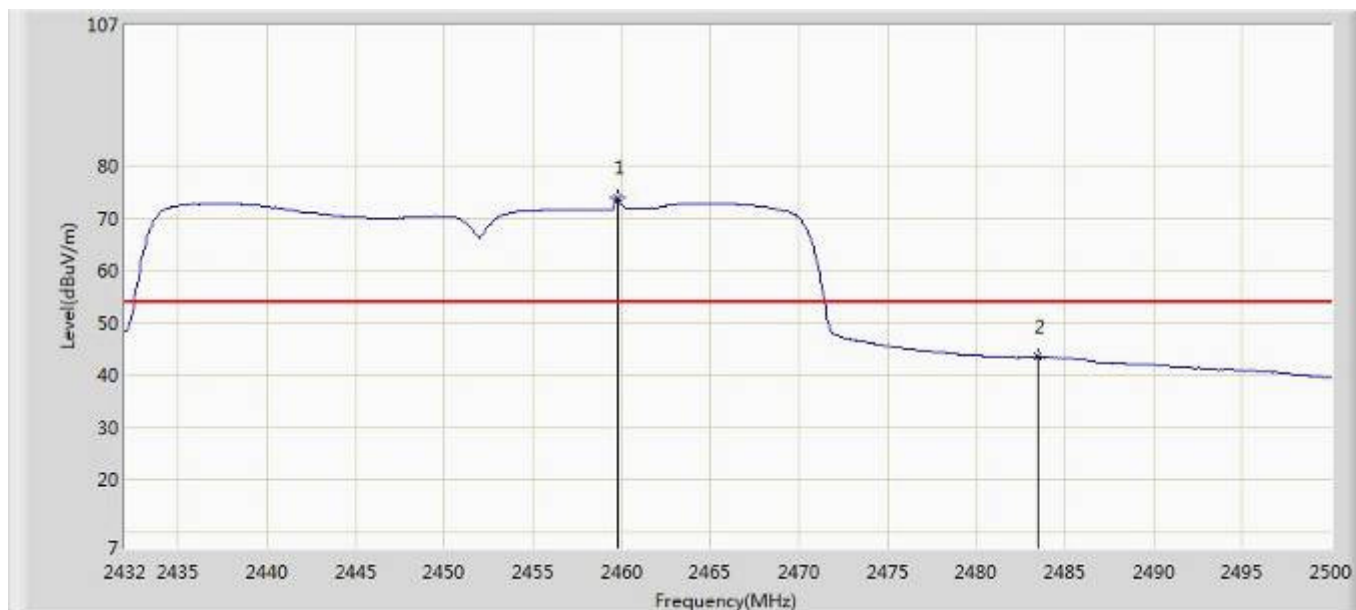
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2436.692	99.421	100.925	N/A	N/A	-1.504	PK
2		2483.500	70.272	71.603	-3.728	74.000	-1.331	PK
3		2483.884	72.722	74.051	-1.278	74.000	-1.329	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



Engineer: Chris	
Site: AC102	Time: 2019/10/09 - 16:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: Tablet	Power: AC 120V/60Hz
Note: 802.11n-HT40 2452MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2459.744	73.980	75.399	N/A	N/A	-1.419	AV
2		2483.500	43.401	44.732	-10.599	54.000	-1.331	AV

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

***** END OF REPORT *****