TEST REPORT

For

WiFi Watch

Model Number: MT10G

FCC ID: 2ACCJBC06

Report Number : WT178001290

Test Laboratory	:	Shenzhen Academy of Metrology and Quality Inspection National Digital Electronic Product Testing Center
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TEST REPORT DECLARATION

Applicant	:	TCL Communication Ltd.
Address	:	5F, C-Tower, No.232, Liangjing Road, Zhangjiang High-tech Park, Pudong,Shanghai,China
Manufacturer	:	TCL Communication Ltd.
Address	:	5F, C-Tower, No.232, Liangjing Road, Zhangjiang High-tech Park, Pudong,Shanghai,China
EUT Description	:	WiFi Watch
Model No	:	MT10G
Trade mark	:	Alcatel/TCL
Serial Number	:	/
FCC ID	:	2ACCJBC06

Test Standards:

FCC Part 15 15.207, 15.209, 15.247(2016)

The EUT described above is tested by Shenzhen Academy of Metrology and Quality Inspection EMC Laboratory to determine the maximum emissions from the EUT. Shenzhen Academy of Metrology and Quality Inspection EMC Laboratory is assumed full responsibility for the accuracy of the test results. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with FCC Rules Part 15.207, 15.209 and 15.247 .

The test report is valid for above tested sample only and shall not be reproduced in part without written approval of the laboratory.

Project Engineer:	陈司林	Date:	Apr.01, 2017
	(Chen Silin 陈司林)		
Checked by:	林奕翔	Date:	Apr.01, 2017
	(Lin Yixiang 林奕翔)		
Approved by:	林斌	Date:	Apr.01, 2017
	(Lin Bin 林斌)		

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1. TEST RESULTS SUMMARY

Table 1 Test Results Summary

Test Items	FCC Rules	Test Results
6dB DTS bandwidth measurement	15.247 (a) (2)	Pass
Maximum Peak Conducted Power	15.247 (b) (3)	Pass
Maximum Power Spectral Density Level	15.247 (3)	Pass
Conducted Bandedge and Spurious	15.247 (d)	Pass
Radiated Bandedge and Spurious	15.247 (d) 15.209 15.205	Pass
Conducted emission test for AC power port	15.207	Pass
Antenna Requirment	15.203	Pass

Remark: “N/A” means “Not applicable.”

2. GENERAL INFORMATION

2.1. Report information

This report is not a certificate of quality; it only applies to the sample of the specific product/equipment given at the time of its testing. The results are not used to indicate or imply that they are application to the similar items. In addition, such results must not be used to indicate or imply that SMQ approves recommends or endorses the manufacture, supplier or use of such product/equipment, or that SMQ in any way guarantees the later performance of the product/equipment.

The sample/s mentioned in this report is/are supplied by Applicant, SMQ therefore assumes no responsibility for the accuracy of information on the brand name, model number, origin of manufacture or any information supplied.

Additional copies of the report are available to the Applicant at an additional fee. No third part can obtain a copy of this report through SMQ, unless the applicant has authorized SMQ in writing to do so.

2.2. Laboratory Accreditation and Relationship to Customer

The testing report were performed by the Shenzhen Academy of Metrology and quality Inspection EMC Laboratory (Guangdong EMC compliance testing center), in their facilities located at Bldg. of Metrology & Quality Inspection, Longzhu Road, Nanshan District, Shenzhen, Guangdong, China. At the time of testing, Laboratory is accredited by the following organizations:

China National Accreditation Service for Conformity Assessment (CNAS) accredits the Laboratory for conformance to FCC standards, EMC international standards and EN standards. The Registration Number is CNAS L0579.
The Laboratory is listed in the United States of American Federal Communications Commission (FCC), and the registration number are 446246 806614 994606(semi anechoic chamber).

The Laboratory is listed in Voluntary Control Council for Interference by Information Technology Equipment (VCCI), and the registration number are R-1974(open area test site) , R-1966(semi anechoic chamber),C-2117(mains ports conducted interference measurement) and T-180(telecommunication ports conducted interference measurement).

The Laboratory is registered to perform emission tests with Industry Canada (IC), and the registration number is 11177A-1 11177A-2.

TUV Rhineland accredits the Laboratory for conformance to IEC and EN standards, the registration number is E2024086Z02.

2.3. Measurement Uncertainty

Conducted Emission
9kHz~30MHz 3.5dB

Radiated Emission
30MHz~1000MHz 4.5dB
1GHz~26.5GHz 4.6dB

3. PRODUCT DESCRIPTION

3.1. EUT Description

Description	:	WiFi Watch
Manufacturer	:	TCL Communication Ltd.
Model Number	:	MT10G
Operate Frequency	:	2.412GHz~2.462GHz
Antenna Designation	:	WLAN/BT: PIFA Antenna -6 dbi

Remark: /

WLAN :

Table 2 Working Frequency List(802.11b, 802.11g,802.11n HT20)

Channel	Frequency	Channel	Frequency
1	2412MHz	8	2447MHz
2	2417MHz	9	2452MHz
3	2422MHz	10	2457MHz
4	2427MHz	11	2462MHz
5	2432MHz	---	---
6	2437MHz	---	---
7	2442MHz	---	---

3.2. Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended for FCC ID: **2ACCJBC06** filing to comply with Section 15.207，15.209，15.247 of the FCC Part 15, Subpart C.

3.3. Block Diagram of EUT Configuration

Figure 1 EUT setup

3.4. Operating Condition of EUT

The Radiated spurious emission measurements were carried out in semi-anechoic chamber with 3-meter test range, and EUT is rotated on three test planes to find out the worst emission (X plane).
Worst-case mode and channel used for 30-1000 MHz radiated and power line conducted emissions was the mode and channel with the highest output power.
Worst-case data rates as provided by the client were:
802.11b mode: 1 Mbps
802.11g mode: 6 Mbps
802.11n HT20 mode: MCS0
802.11b and 802.11g operates in SISO mode. For SISO conducted measurements, the modes tested in this report will be considered as a worst case mode.
802.11n operate in SISO mode. For SISO conducted measurements, the modes tested in this report will be considered as a worst case mode.

3.5. Directional Antenna Gain

The EUT does NOT support a WIFI MIMO function.
Directional gain need NOT to be considered.

3.6. Support Equipment List

Table 3 Support Equipment List

Name	Model No	S/N	Manufacturer
Adaptor for EUT	UC11US	--	TENPAO
Notebook	Inspiron 14z-5423	--	DELL

3.7. Test Conditions

Date of test：Mar.20,2017- Apr.01, 2017
Date of EUT Receive：Mar.13,2017
Temperature: 22-25 ℃
Relative Humidity:43-58%

3.8. Special Accessories

Not available for this EUT intended for grant.

3.9. Equipment Modifications

Not available for this EUT intended for grant.

4. TEST EQUIPMENT USED

Table 4 Test Equipment

No.	Equipment	Manufacturer	Model No.	Last Cal.	Cal. Interval
SB2603	EMI Test Receiver	Rohde & Schwarz	ESCS30	Mar.23, 2017	1 Year
SB8501/06	AMN	Rohde & Schwarz	ESH2-Z5	Mar.19, 2017	1 Year
SB8501/09	EMI Test Receiver	Rohde & Schwarz	ESU40	Mar.21, 2017	1 Year
SB8501/04	Bilog Antenna	Schwarzbeck	VULB9163	Mar.12, 2017	1 Year
SB5472/02	Bilog Antenna	Schwarzbeck	VULB9163	Jan.03 ,2017	1 Year
SB3435	Horn Antenna	Rohde & Schwarz	HF906	Jan.03 ,2017	1 Year
SB8501/01	Horn Antenna	Rohde & Schwarz	HF907	Mar.22, 2017	1 Year
SB3345	Loop Antenna	Schwarzbeck	FMZB1516	Mar.22, 2017	2 Years
SB8501/17	Preamplifier	Rohde & Schwarz	SCU-18	Mar.06, 2017	1 Year
SB8501/16	Preamplifier	Rohde & Schwarz	SCU-26	Mar.06, 2017	1 Year
SB8501/11	Horn Antenna	ETS-Lindgren	3160-09	Mar.21,2017	1 Year
SB9721/05	Power Meter	Agilent	N1913A	Dec.05, 2016	1 Year
SB9721/06	Power Sensor	Agilent	E9304A	Dec.05, 2016	1 Year
SB9060	Signal Analyzer	Rohde & Schwarz	FSQ	Apr.25,2016	1 Year
SB3436	EMI Test Receiver	Rohde & Schwarz	ESI26	Nov.29,2016	1 Year
SB3955	Bilog Antenna	SCHWARZBECK	VULB9163	Mar.22,2017	1 Year

5. DUTY CYCLE

5.1. LIMITS OF DUTY CYCLE

None; for reporting purposes only

5.2. TEST PROCEDURE

1. Set span = Zero
2. RBW = 10MHz
3. VBW = 10MHz,
4. Detector = Peak

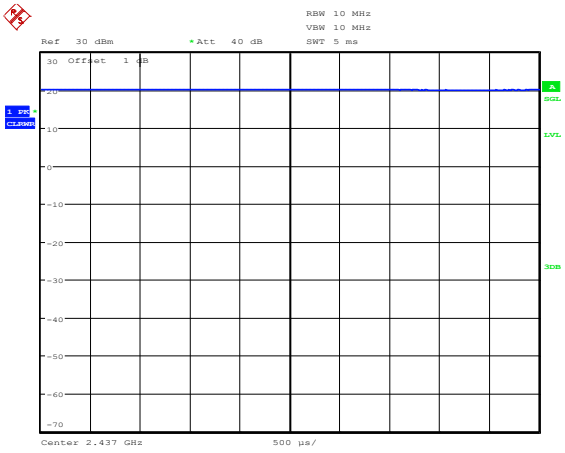
5.3. TEST SETUP

5.4. TEST DATA

Table 5 Duty Cycle Test Data

Mode	On Time (ms)	Duty Cycle(%)	Duty Factor	1/T Minimum VBW (kHz)
802.11b	5	100%	0	0.01
802.11g	1.426	93.2%	0.31	1
802.11n HT20	0.793	86.25%	0.64	1

802.11b



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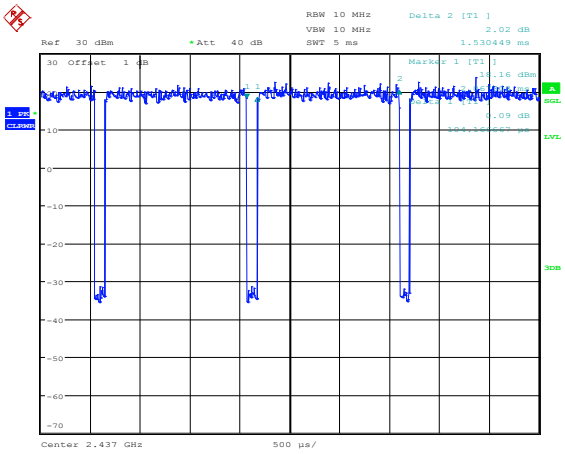
802.11g



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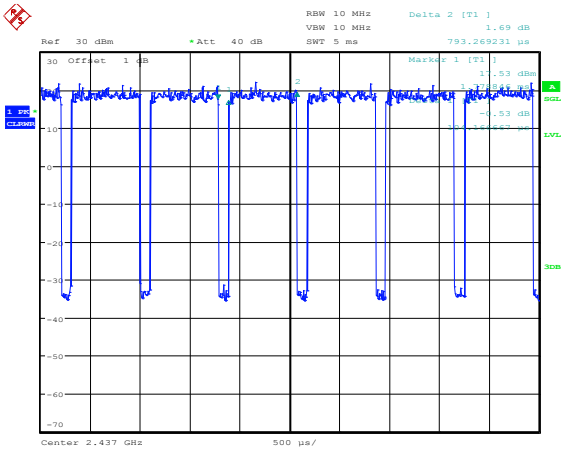
802.11n HT20



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6. 6DB BANDWIDTH MEASUREMENT

6.1. LIMITS OF 6dB BANDWIDTH MEASUREMENT

CFR 47 (FCC) part 15.247 (a) (2) , 558074 D01 DTS Meas Guidance v03r05

6.2. TEST PROCEDURE

The transmitter output was connected to the spectrum analyzer.
a) Set RBW = 100 kHz.

b) Set the video bandwidth (VBW) ≥ 3 x RBW.

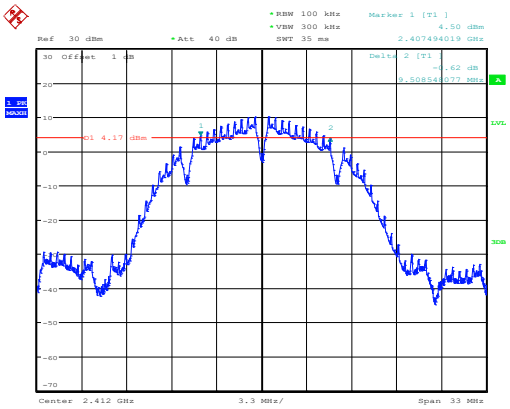
c)Detector = Peak.
d)Trace mode = max hold.
e)Sweep = auto couple.
f)Allow the trace to stabilize.
g)Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

6.3. TEST SETUP

Test Data

Table 6 6dB Bandwidth Test Data 802.11b

CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	results
2412	9.509	Pass
2437	9.533	Pass
2462	9.978	Pass



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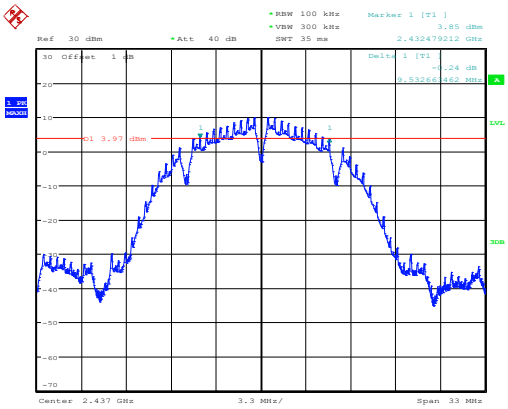

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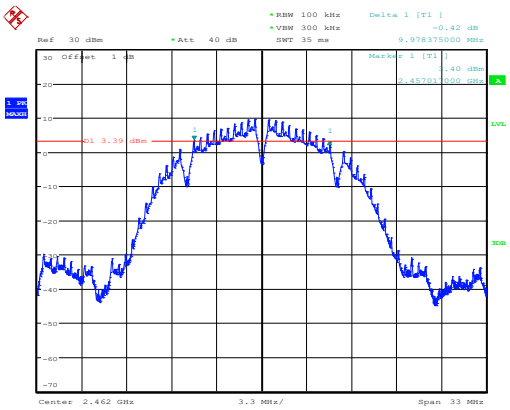

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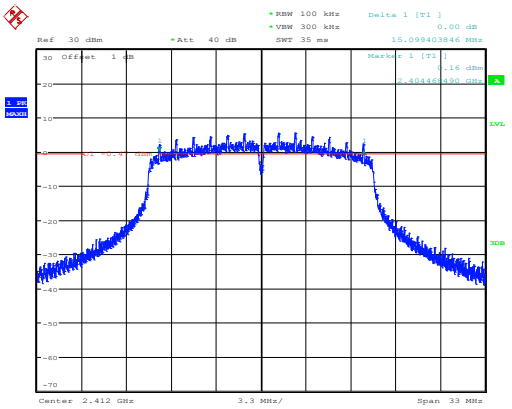
Table 7 6dB Bandwidth Test Data 802.11g

CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	results
2412	15.099	Pass
2437	15.129	Pass
2462	15.363	Pass



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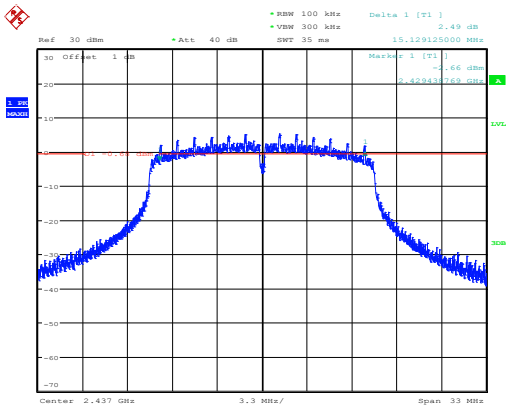

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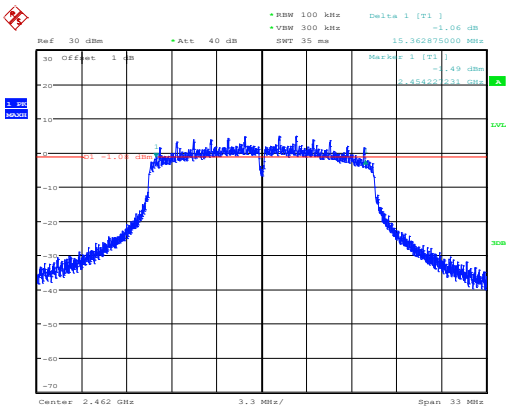

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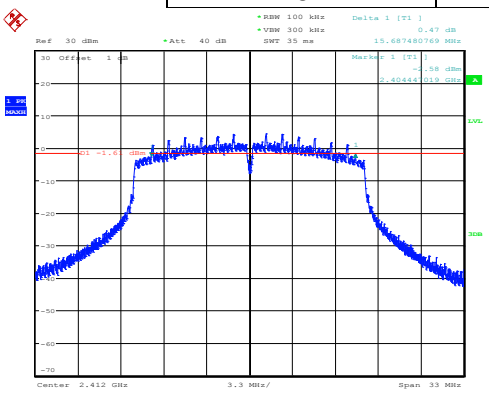
Table 8 6dB Bandwidth Test Data 802.11n HT20

CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	results
2412	15.687	Pass
2437	15.161	Pass
2462	15.121	Pass



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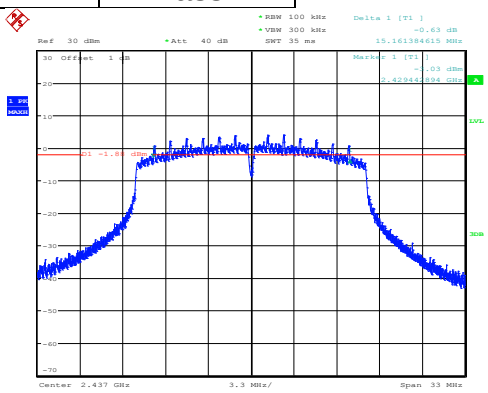

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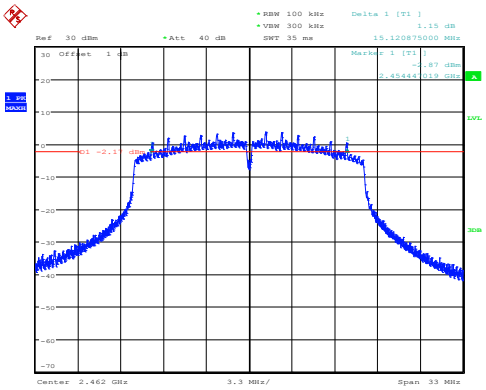

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7. MAXIMUM CONDUCTED OUTPUT POWER MEASUREMENT

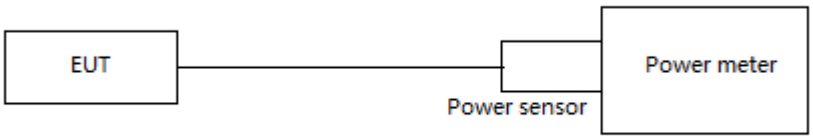
7.1. LIMITS OF Maximum Conducted Output Power Measurement

CFR 47 (FCC) part 15.247 (b) (3), 558074 D01 DTS Meas Guidance v03r05

7.2. TEST PROCEDURE

The transmitter output was connected to the RF power meter.
a) Using a wideband RF power meter with a thermocouple detector or equivalent if all of the conditions listed below are satisfied.
1) The EUT is configured to transmit continuously, or to transmit with a constant duty factor.
2) At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.
3) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.
b) If the transmitter does not transmit continuously, measure the duty cycle (x) of the transmitter output signal as described in Section 6.0.
c) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.
d) Adjust the measurement in dBm by adding 10log (1/x), where x is the duty cycle to the measurement result.

7.3. TEST SETUP



7.4. TEST DATA

Table 9 Maximum Conducted Output Power Test Data 802.11b

Center Freq.[MHz]	Meas. Level (Cond.) [dBm]	Duty Factor	Maximum Conducted Output Power(Average) [dBm]	Limit [dBm]	Result
2412	15.24	0	16.64	< 30	Pass
2437	15.32	0	16.54	< 30	Pass
2462	15.47	0	16.33	< 30	Pass

Table 10 Maximum Conducted Output Power Test Data 802.11g

Center Freq.[MHz]	Meas. Level (Cond.) [dBm]	Duty Factor	Maximum Conducted Output Power(Average) [dBm]	Limit [dBm]	Result
2412	12.64	0.31	12.95	< 30	Pass
2437	12.42	0.31	12.73	< 30	Pass
2462	12.16	0.31	12.47	< 30	Pass

Table 11 Maximum Conducted Output Power Test Data 802.11n HT20

Center Freq.[MHz]	Meas. Level (Cond.) [dBm]	Duty Factor	Maximum Conducted Output Power(Average) [dBm]	Limit [dBm]	Result
2412	11.55	0.64	12.19	< 30	Pass
2437	11.40	0.64	12.04	< 30	Pass
2462	11.18	0.64	11.82	< 30	Pass

8. MAXIMUM POWER SPECTRAL DENSITY LEVEL MEASUREMENT

8.1. LIMITS OF Maximum Power Spectral Density Level Measurement

CFR 47 (FCC) part 15.247 (e) , 558074 D01 DTS Meas Guidance v03r05

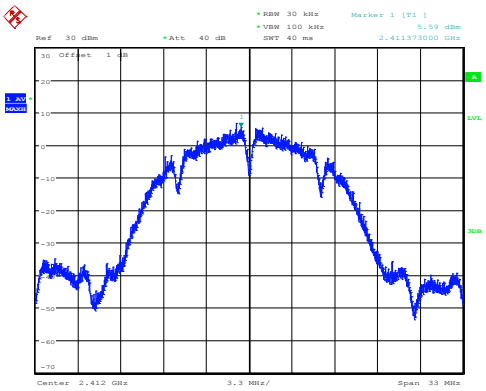
8.2. TEST PROCEDURE

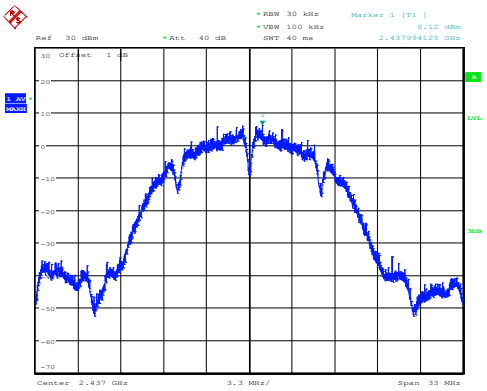
The transmitter output was connected to the spectrum analyzer.
a)Set analyzer center frequency to DTS channel center frequency.
b) Set span to at least 1.5 times the OBW.
c) Set RBW = 1-5% of the OBW, not to exceed 1 MHz
d) Set VBW ≥ 3 x RBW.
e)Detector = power averaging (RMS) or sample detector
f) Number of points in sweep ≥ 2 span / RBW. (This gives bin-to-bin spacing ≤ RBW/2, so that narrowband signals are not lost between frequency bins.)
g)Sweep time = auto couple.
h)Allow trace to fully stabilize.
i)Use the peak marker function to determine the maximum amplitude level within the RBW.
j)If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

8.3. TEST DATA

Table 12 Maximum Power Spectral Density Level Test Data 802.11b

Center Freq.[MHz]	Meas.Level [dBm]	Duty Factor	Maximum Power Spectral Density [dBm]	Limit [dBm]	Result
2412	5.59	0	5.59	8	Pass
2437	6.12	0	6.12	8	Pass
2462	5.93	0	5.93	8	Pass





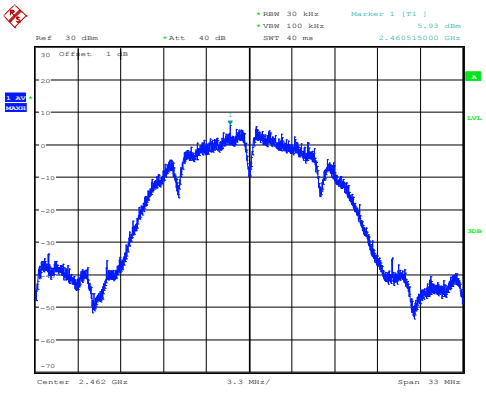
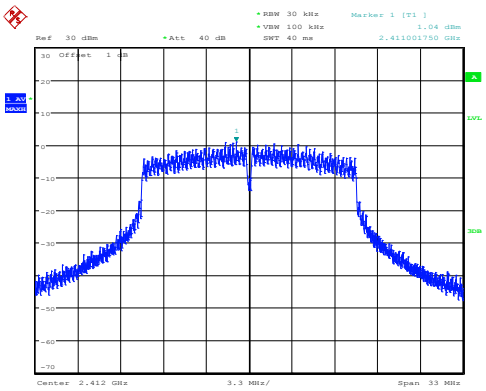
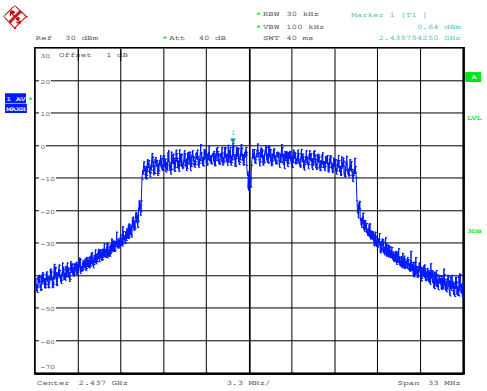


Table 13 Maximum Power Spectral Density Level Test Data 802.11g

Center Freq.[MHz]	Meas.Level [dBm]	Duty Factor	Maximum Power Spectral Density [dBm]	Limit [dBm]	Result
2412	1.04	0.31	1.35	8	Pass
2437	0.64	0.31	0.95	8	Pass
2462	0.60	0.31	0.91	8	Pass





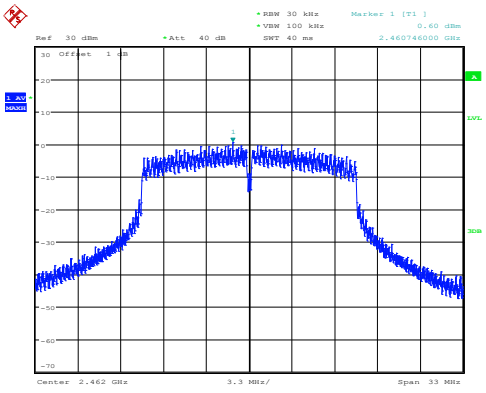
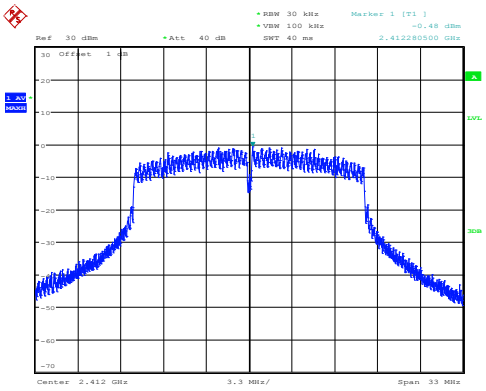
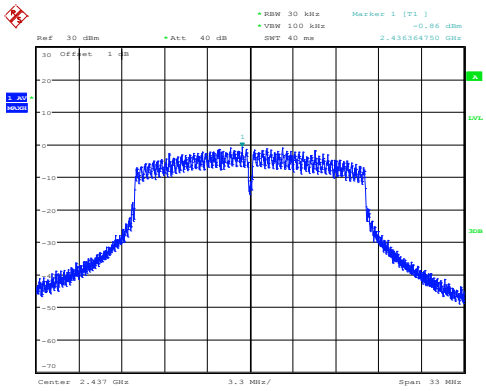
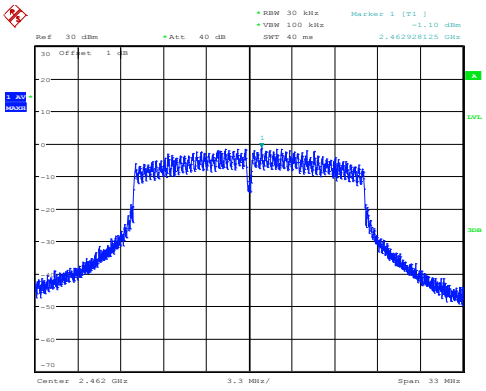


Table 14 Maximum Power Spectral Density Level Test Data 802.11n HT20

Center Freq.[MHz]	Meas.Level [dBm]	Duty Factor	Maximum Power Spectral Density [dBm]	Limit [dBm]	Result
2412	-0.48	0.64	0.16	8	Pass
2437	-0.86	0.64	0.22	8	Pass
2462	-1.10	0.64	-0.46	8	Pass







9. CONDUCTED BANDEDGE AND SPURIOUS MEASURMENT

9.1. LIMITS OF Conducted Bandedge and Spurious Measurement

CFR 47 (FCC) part 15.247 (d) and 558074 D01 DTS Meas Guidance v03r05

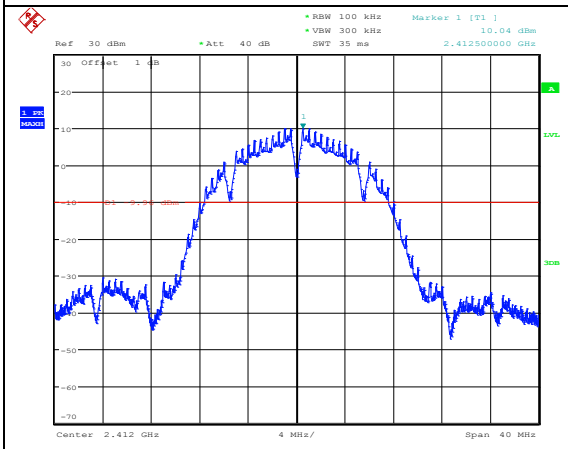
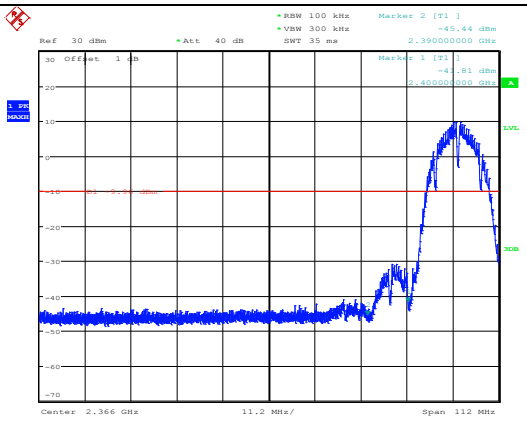
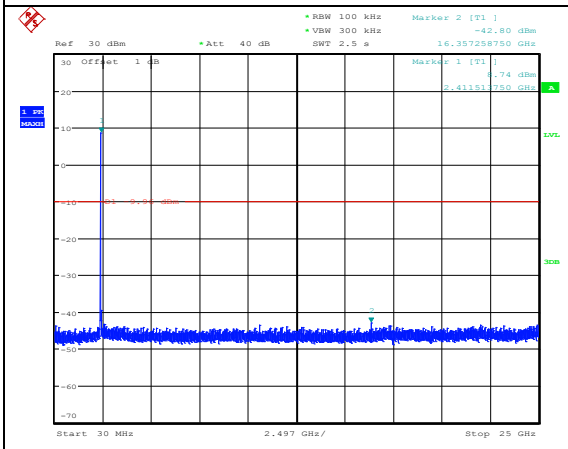
9.2. TEST PROCEDURE

The transmitter output was connected to the spectrum analyzer.
Establish a reference level by using the following procedure:
a)Set instrument center frequency to DTS channel center frequency.
b)Set the span to ≥ 1.5 times the DTS bandwidth.
c)Set the RBW = 100 kHz.
d)Set the VBW ≥ 3 x RBW.
e)Detector = peak.
f)Sweep time = auto couple.
g)Trace mode = max hold.
h)Allow trace to fully stabilize.
i)Use the peak marker function to determine the maximum PSD level.
Emission level measurement
a)Set the center frequency and span to encompass frequency range to be measured.
b)Set the RBW = 100 kHz.
c)Set the VBW ≥ 3 x RBW.
d)Detector = peak.
e)Ensure that the number of measurement points ≥ span/RBW
f)Sweep time = auto couple.
g)Trace mode = max hold.
h)Allow trace to fully stabilize.
i)Use the peak marker function to determine the maximum amplitude level.

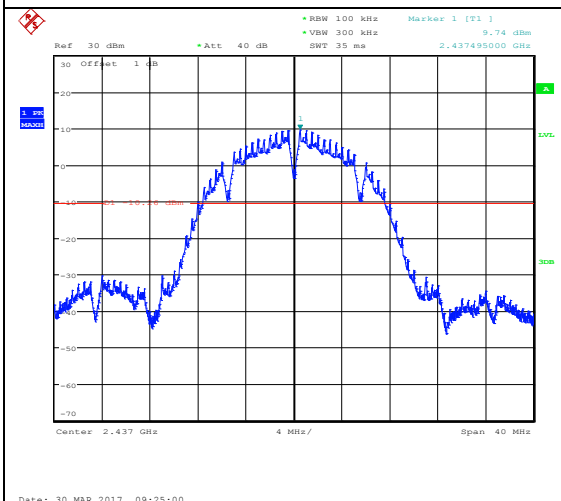
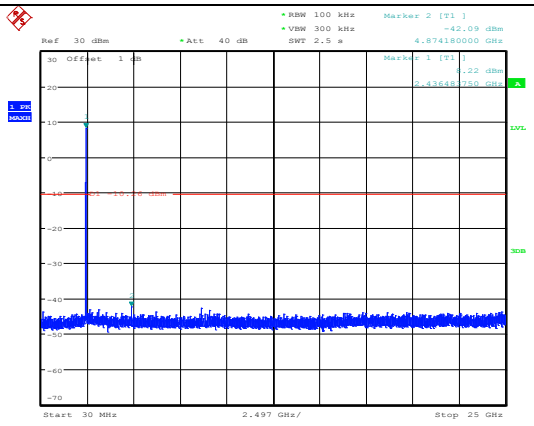
Test Result ： ALL emission outside of 2400-2483.5 are lower at least 20dB than fundamental frequency.

9.3.TEST DATA

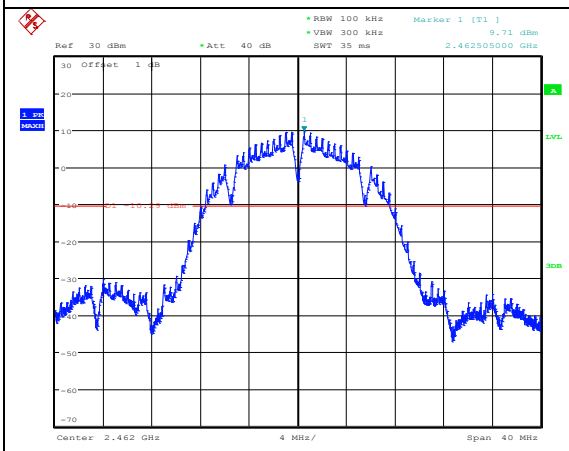
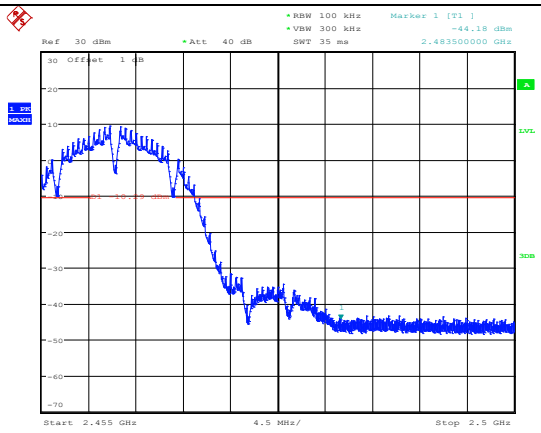
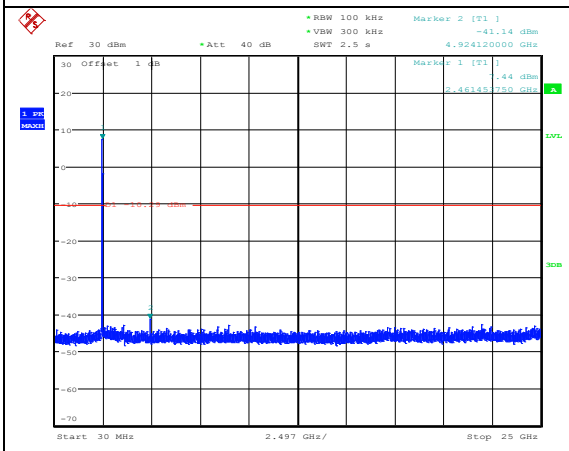
802.11b CH1

Pref	Lower Edge
	
30MHz-25GHz	---
	---

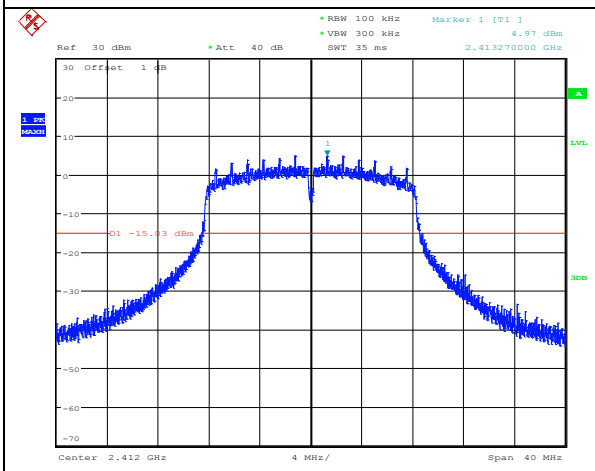
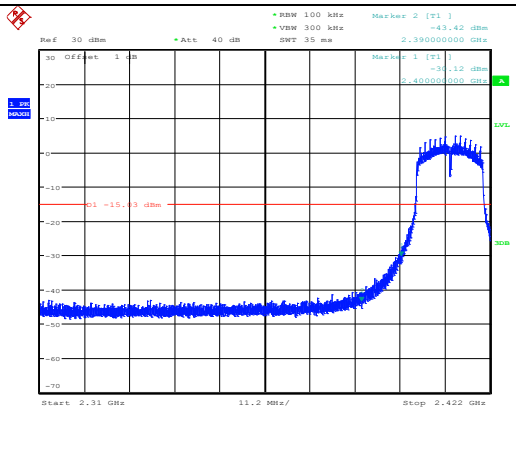
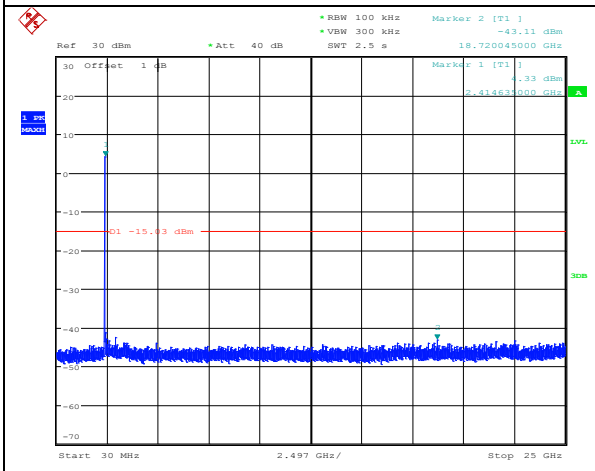
802.11b CH6

Pref	30MHz-25GHz
	

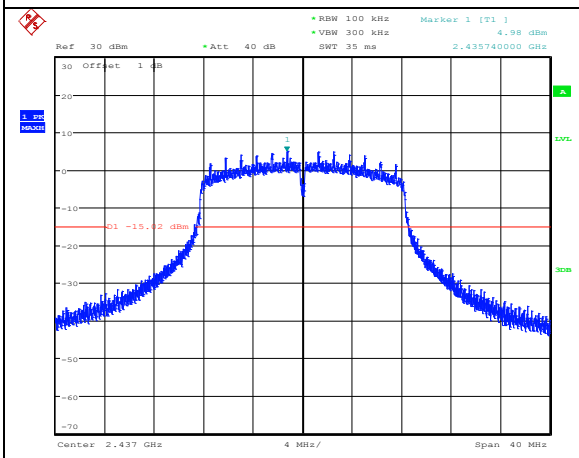
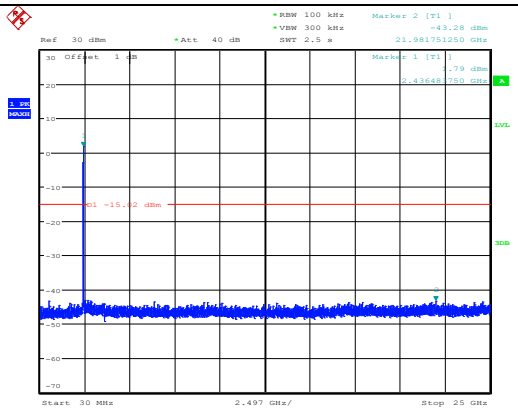
802.11b CH11

Pref	Upper Edge
	
30MHz-25GHz	---
	---

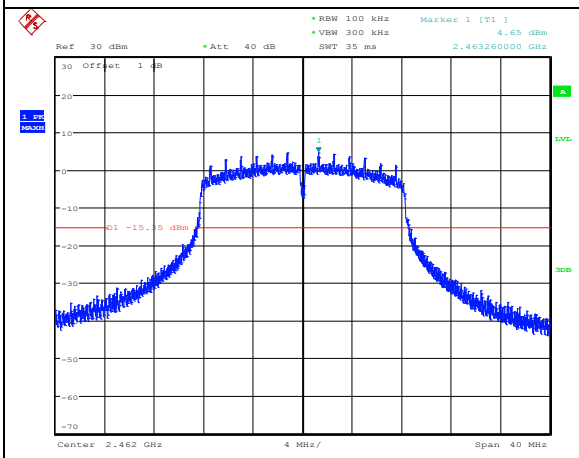
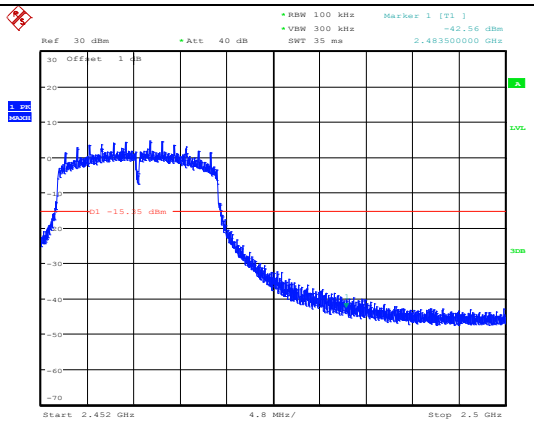
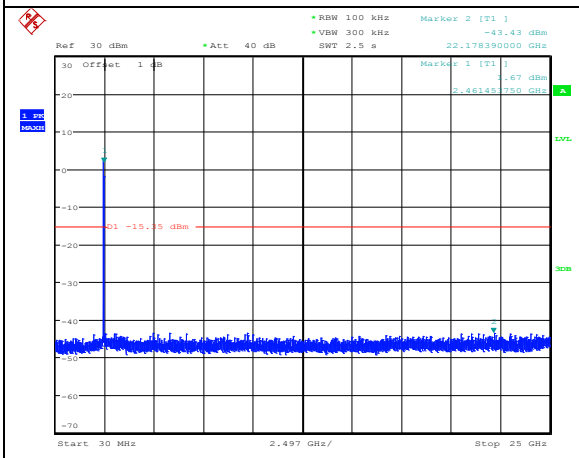
802.11g CH1

Pref	Lower Edge
	
30MHz-25GHz	---
	---

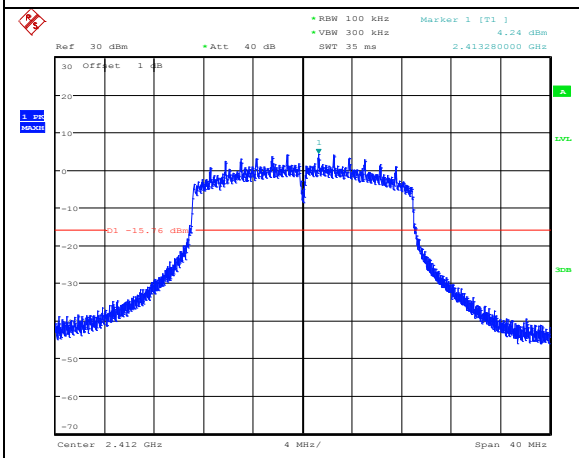
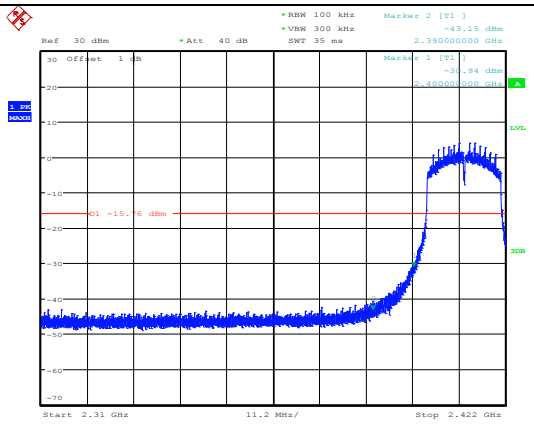
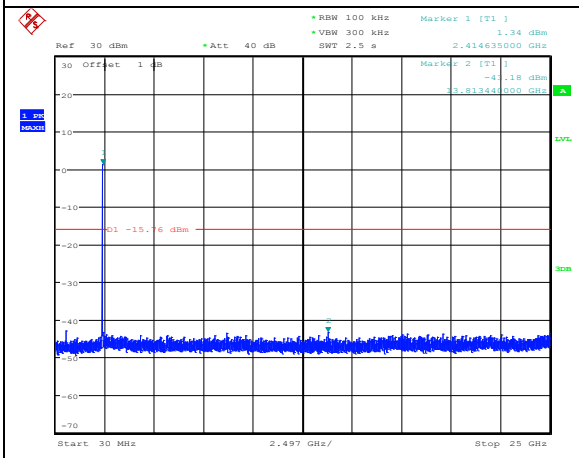
802.11g CH6

Pref	30MHz-25GHz
 Date: 30.MAR.2017 10:24:10	 Date: 30.MAR.2017 10:25:02

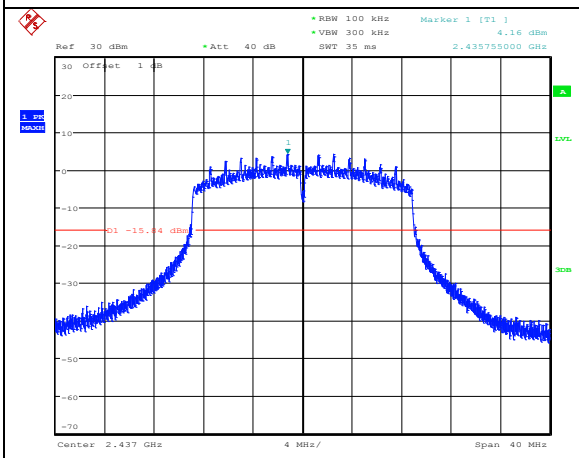
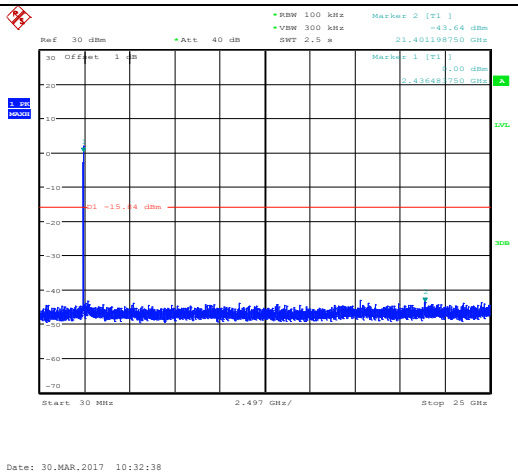
802.11g CH11

Pref	Upper Edge
	
30MHz-25GHz	---
	---

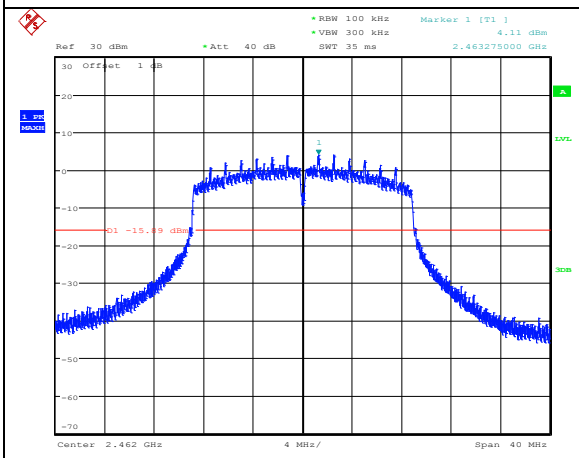
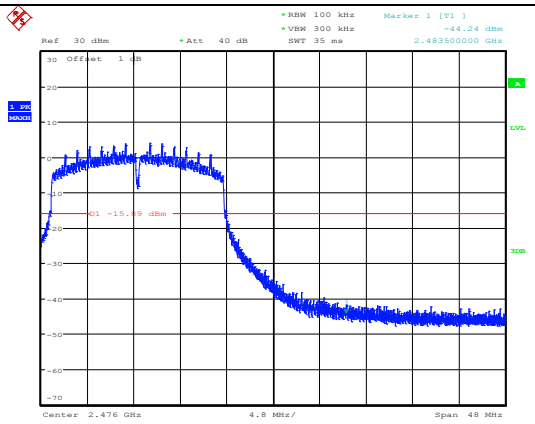
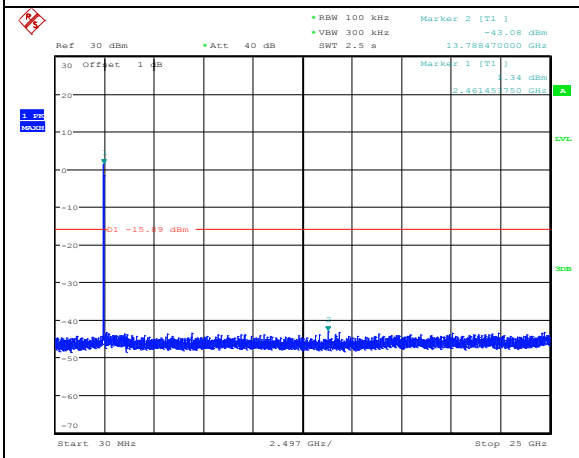
802.11n HT20 CH1

Pref	Lower Edge
 Date: 30.MAR.2017 10:30:17	 Date: 30.MAR.2017 10:30:53
30MHz-25GHz	---
 Date: 30.MAR.2017 10:31:24	---

802.11n HT20 CH6

Pref	30MHz-25GHz
	

802.11n HT20 CH11

Pref	Upper Edge
 Date: 30.MAR.2017 10:33:23	 Date: 30.MAR.2017 10:34:20
30MHz-25GHz	---
 Date: 30.MAR.2017 10:35:30	---

10. RADIATED BANDEDGE AND SPURIOUS MEASUREMENT

10.1. LIMITS OF Radiated Bandedge and Spurious Measurement

CFR 47 (FCC) part 15.247 (d) and 558074 D01 DTS Meas Guidance v03r05

10.2. TEST PROCEDURE

1. The testing follows the guidelines in ANSI C63.10-2013.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. For measurement below 1GHz, the EUT was placed on a turntable with 0.8 meter,above ground. For measurement above 1 GHz, test at FAR, the EUT is placed on a non-conductive table, which is 1.5 meter above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
6. For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
7. Use the following spectrum analyzer settings:
(1) Span shall wide enough to fully capture the emission being measured;
(2) Set RBW=100 kHz for f < 1 GHz; VBW >= RBW; Sweep = auto; Detector function = peak; Trace = max hold;
(3) Set RBW = 1 MHz, VBW= 3MHz for f > 1 GHz for peak measurement.
Set RBW = 1 MHz, and 1/T (on time) for average measurement.

10.3.TEST DATA

9KHz-30MHz

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported.

Table 15 Radiated Emission Test Data 9k Hz-30MHz

Frequency MHz	Cable Loss(dB)	Antenna Factor(dB)	Readings(dBμV/m)	Level(dBμV/m)	Polarity(H/V)	Turntable Angle(deg)	Antenna Height(m)	Limits(dBμV/m)	Margin(dB)
--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--

30MHz-1GHz

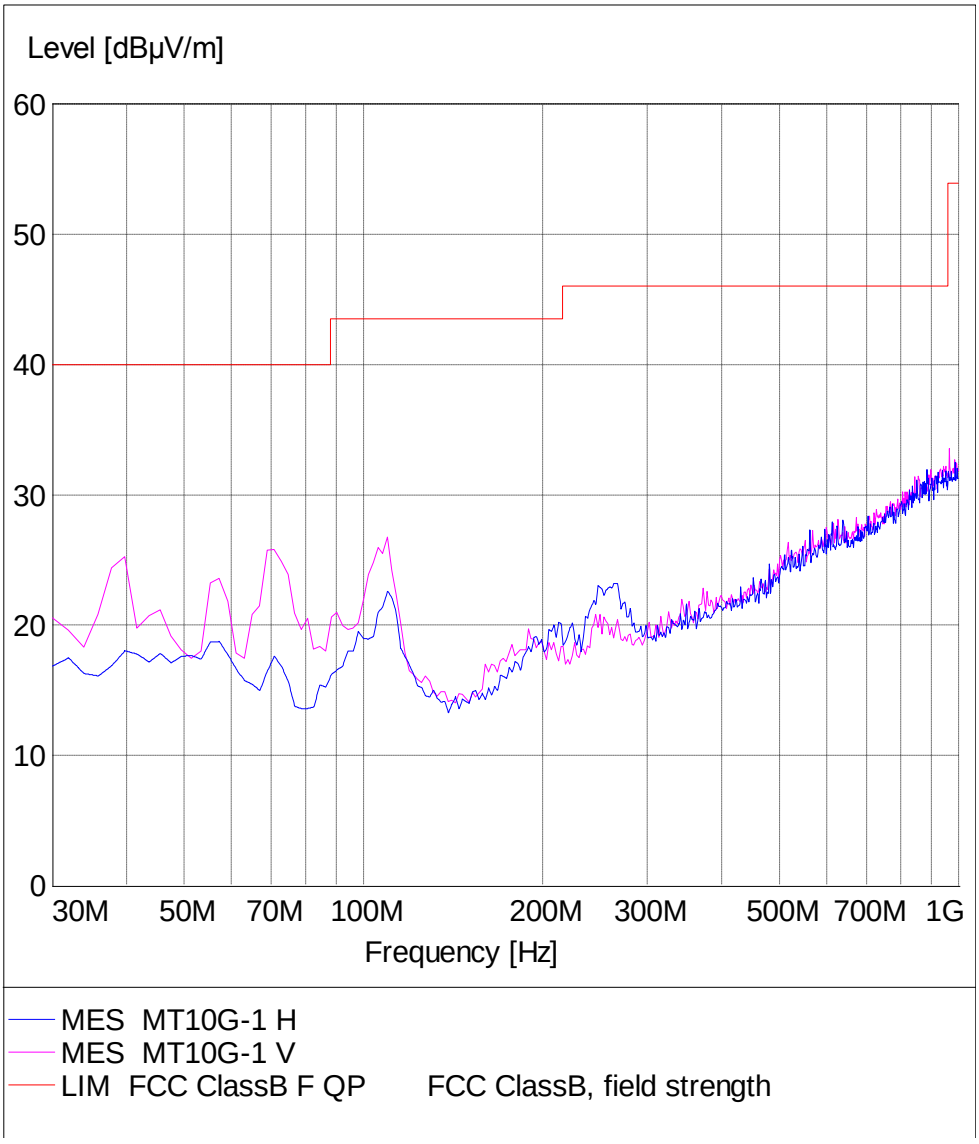
Worst case is shown below for 30MHz-1GHz only.

The emissions don't show in following result tables are more than 20dB below the limits.

Table 16 Radiated Emission Test Data 30MHz-1GHz

Frequency MHz	Cable Loss(dB)	Antenna Factor(dB)	Readings(dBμV/m)	Level(dBμV/m)	Polarity(H/V)	Turntable Angle(deg)	Antenna Height(m)	Limits(dBμV/m)	Margin(dB)
30.016	0.6	12.3	7.7	20.6	V	0	1.0	40.0	19.4
39.439	0.6	12.3	12.4	25.3	V	360	1.0	40.0	14.7
57.214	0.8	13.0	9.8	23.6	V	20	1.0	40.0	16.4
68.878	0.9	10.7	14.2	25.8	V	50	1.0	40.0	14.2
105.812	1.2	13.2	11.5	25.9	V	240	1.0	43.5	17.6
109.699	1.2	13.2	12.3	26.7	V	70	1.0	43.5	16.8
31.944	0.6	12.3	4.6	17.5	H	110	1.0	40	22.5
39.719	0.6	12.3	5.4	18.3	H	180	1.0	40	21.7
45.115	0.8	13.6	3.4	17.8	H	30	1.0	40	22.2
57.214	0.8	13.0	4.9	18.7	H	260	1.0	40	21.3
70.822	0.9	8.7	8.0	17.6	H	90	1.0	40	22.4
109.699	1.2	13.2	8.3	22.7	H	30	1.0	43.5	20.8

EUT Name: MT10G
Mode: Transmitting
Test site: SMQ NETC EMC Lab.3m Chamber
Antenna Position: Horizontal & Vertical
Comment: AC 120V/60Hz



1-18G

11b

Ch1

Radiated Emission

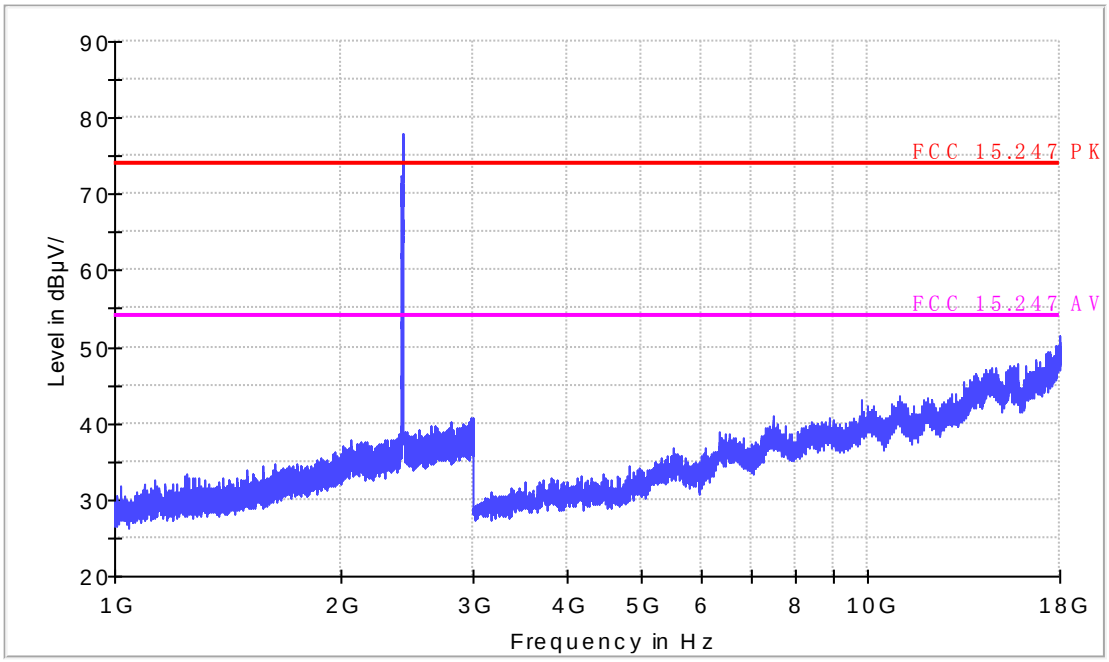
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11b CH1
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



Radiated Emission

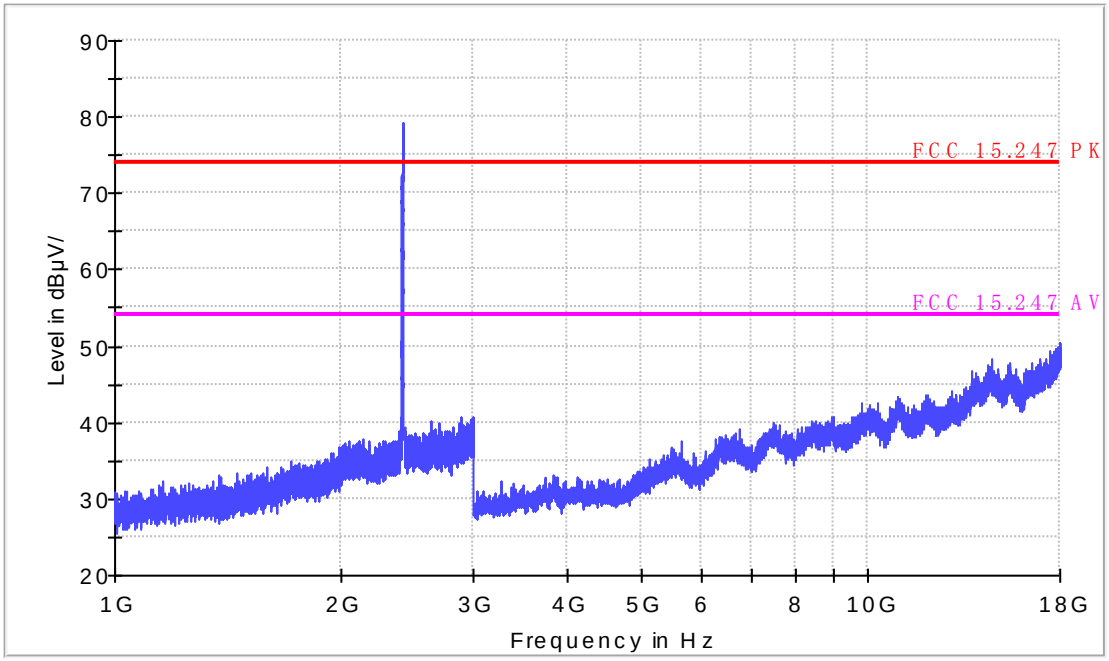
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11b CH1
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



1-18G

11b

CH6

Radiated Emission

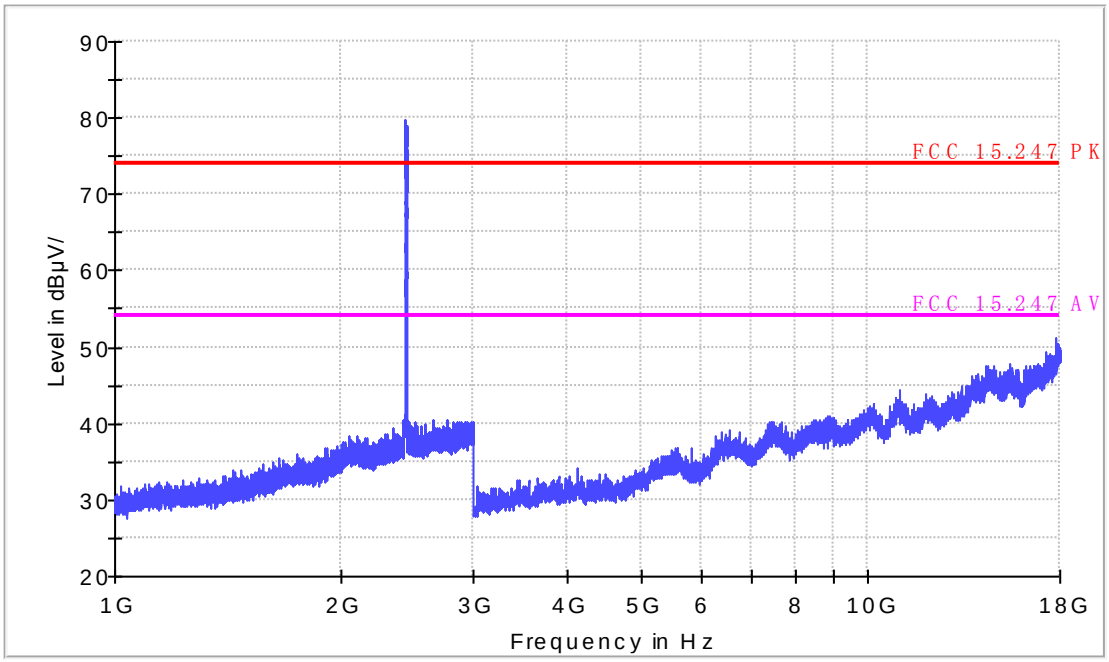
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11b CH6
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



Radiated Emission

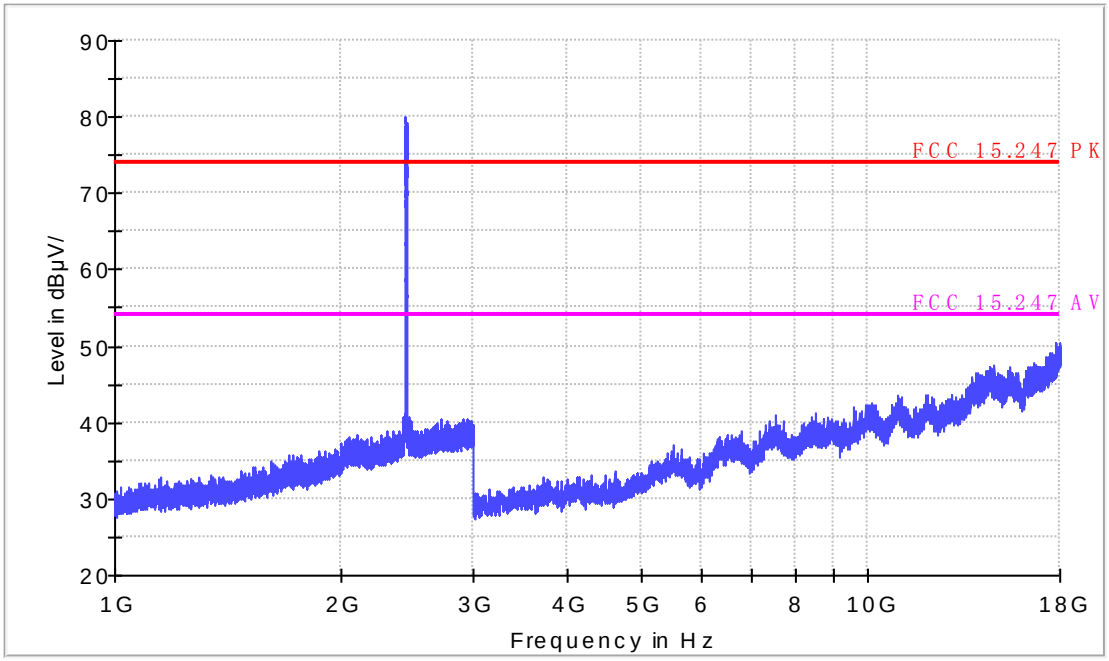
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11b CH6
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



1-18G

11b

CH11

Radiated Emission

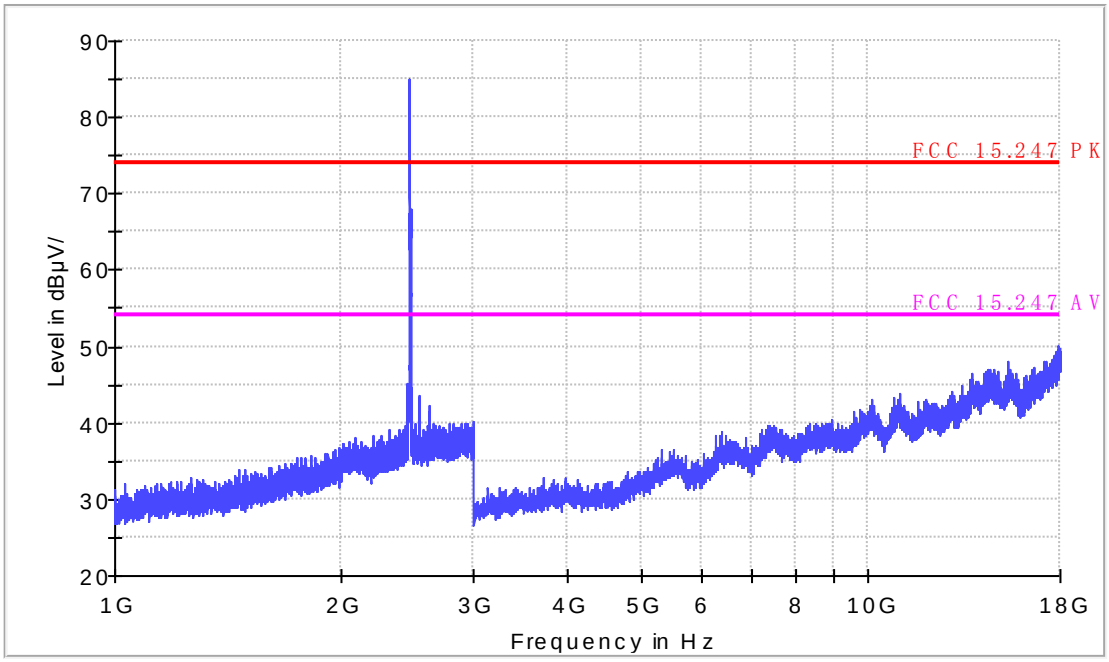
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11b CH11
Test Voltage:	
Comment:	

Common Information

Test Site:	SMQ EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



Radiated Emission

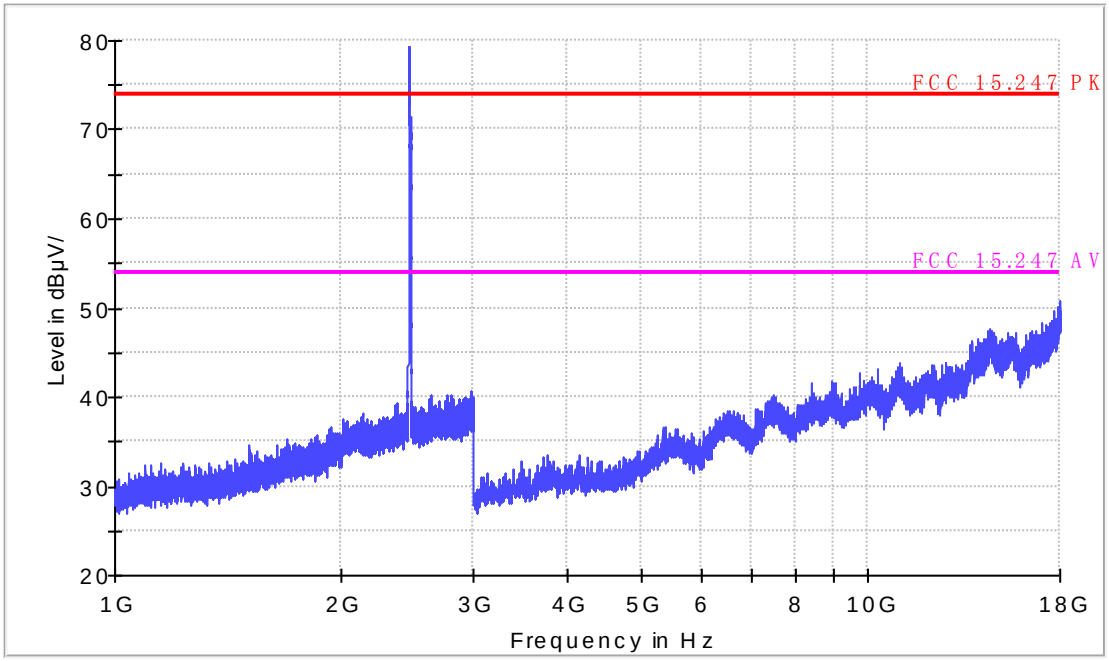
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11b CH11
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



1-18G

11g

CH1

Radiated Emission

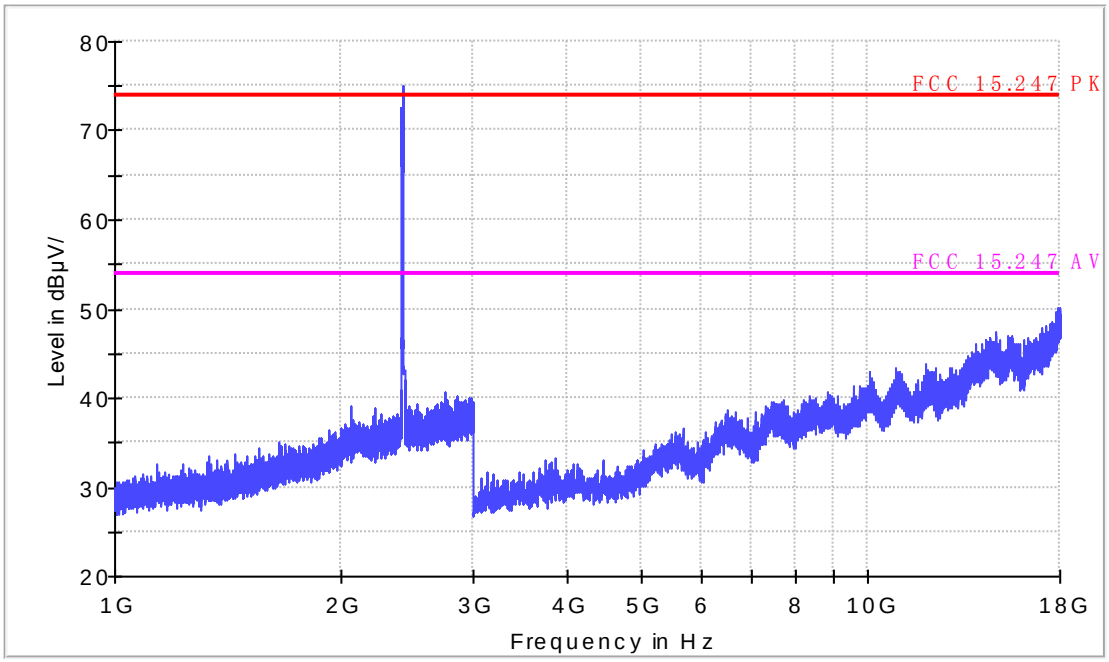
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11g CH1
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



Radiated Emission

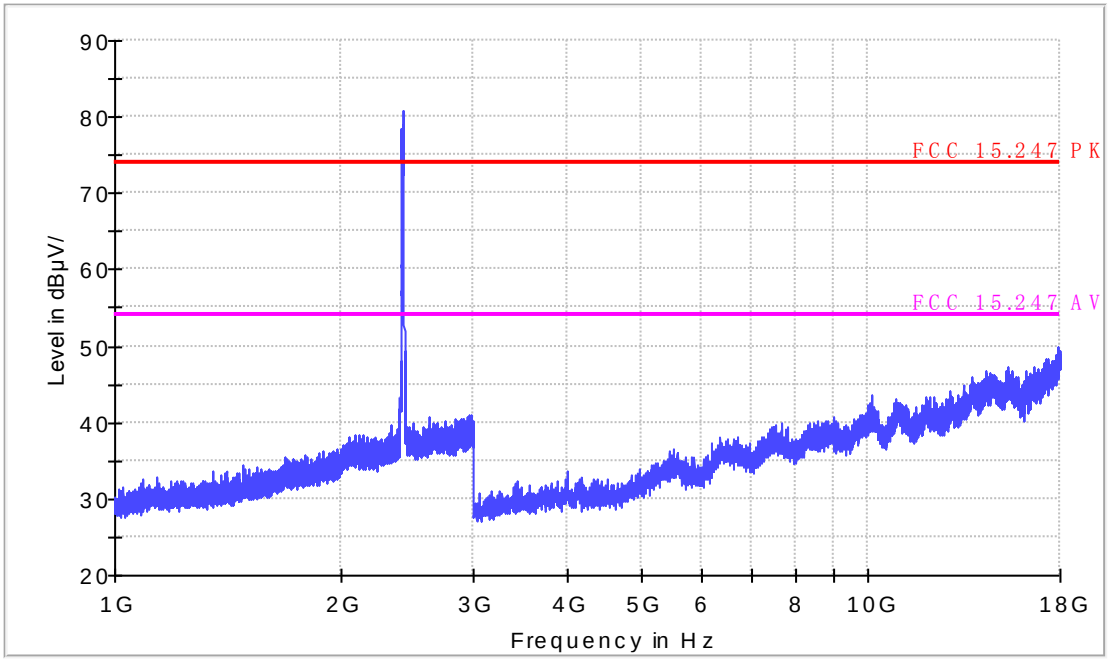
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11g CH1
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



1-18G

11g

CH6

Radiated Emission

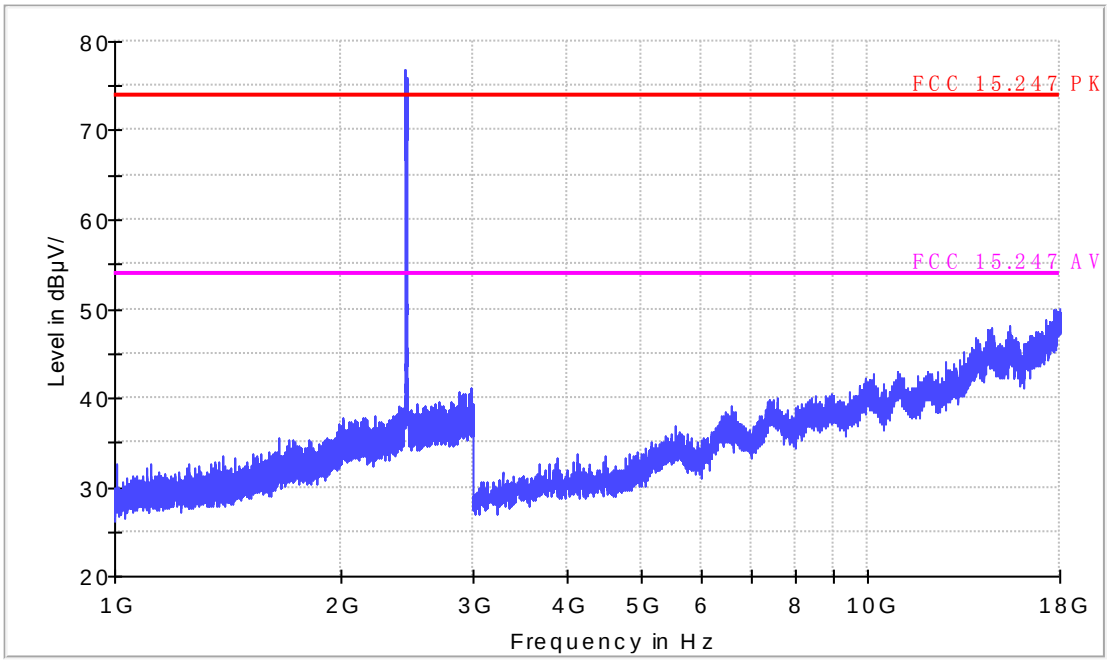
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11g CH6
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



Radiated Emission

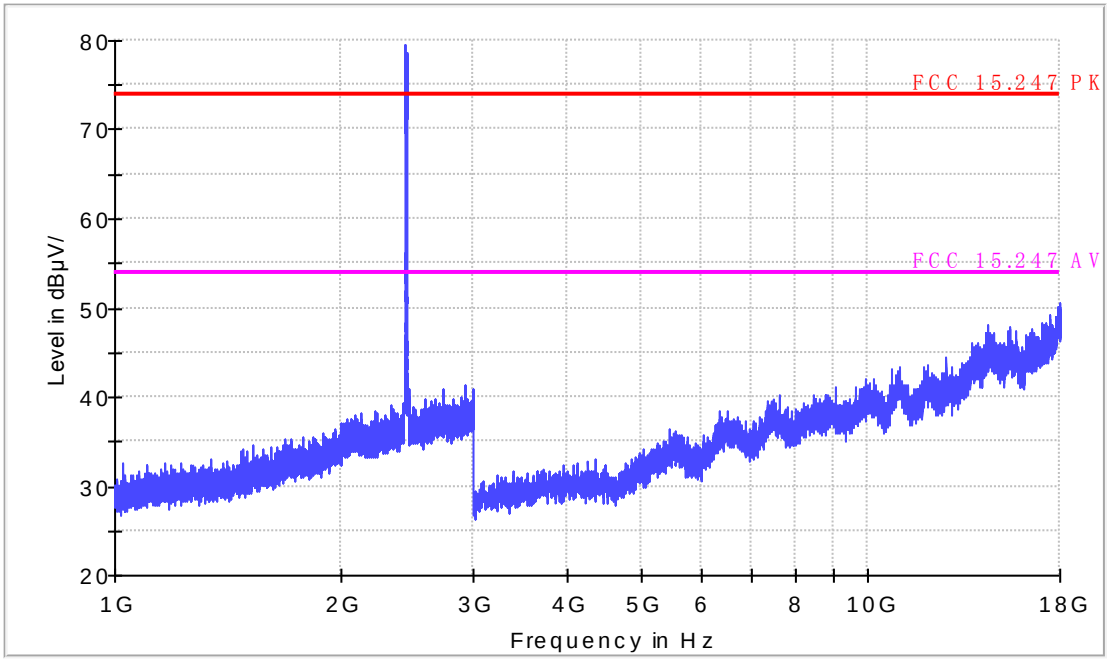
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11g CH6
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



1-18G

11g

CH11

Radiated Emission

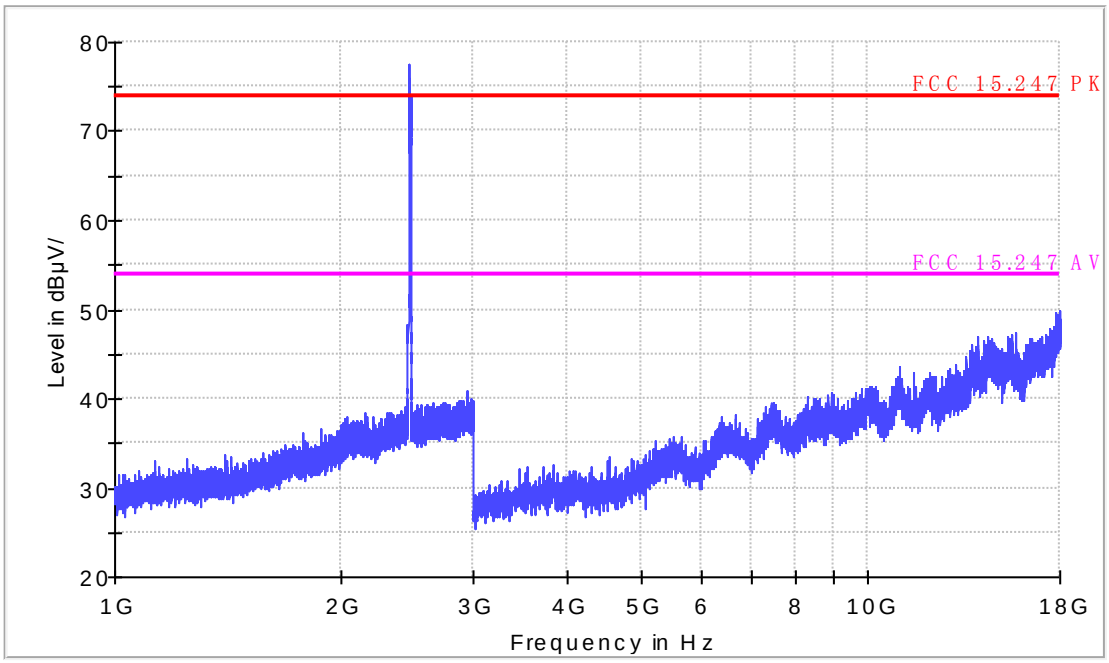
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11g CH11
Test Voltage:	
Comment:	

Common Information

Test Site:	SMQ EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



Radiated Emission

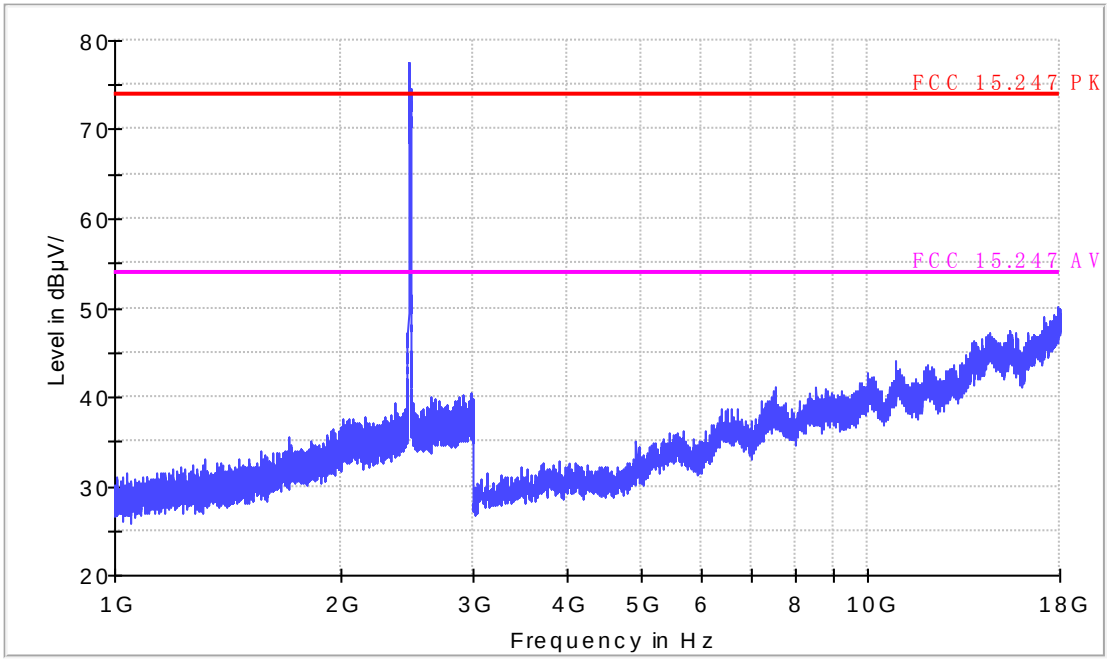
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11g CH11
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



1-18G

11n-HT20

CH1

Radiated Emission

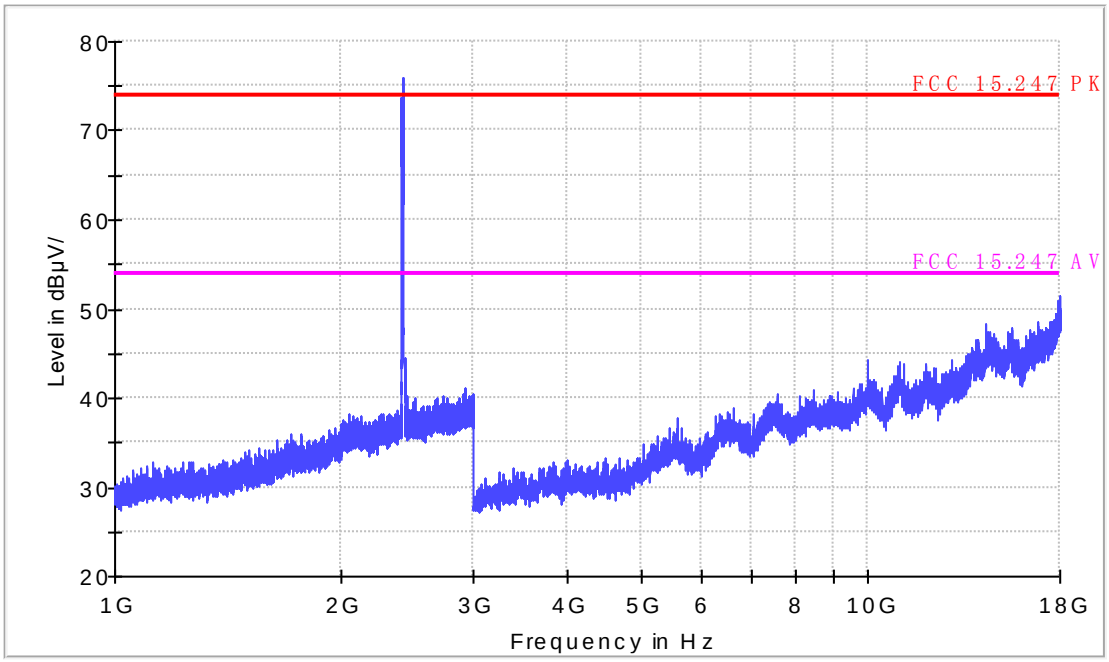
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11n HT20 CH1
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



Radiated Emission

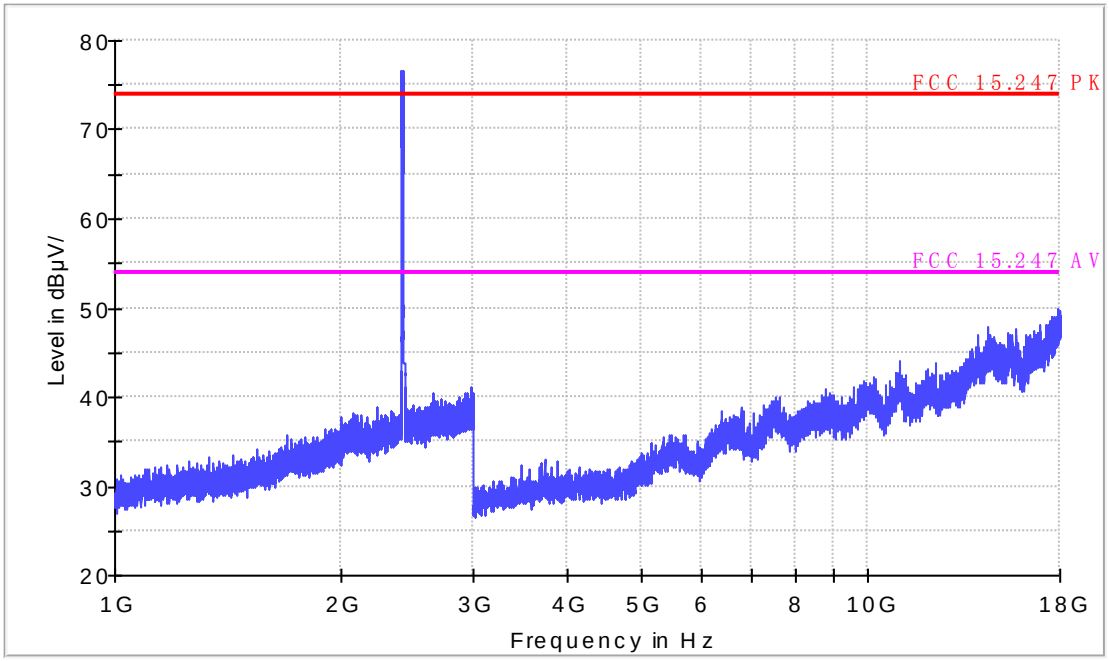
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11n HT20 CH1
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



1-18G

11n-HT20

CH6

Radiated Emission

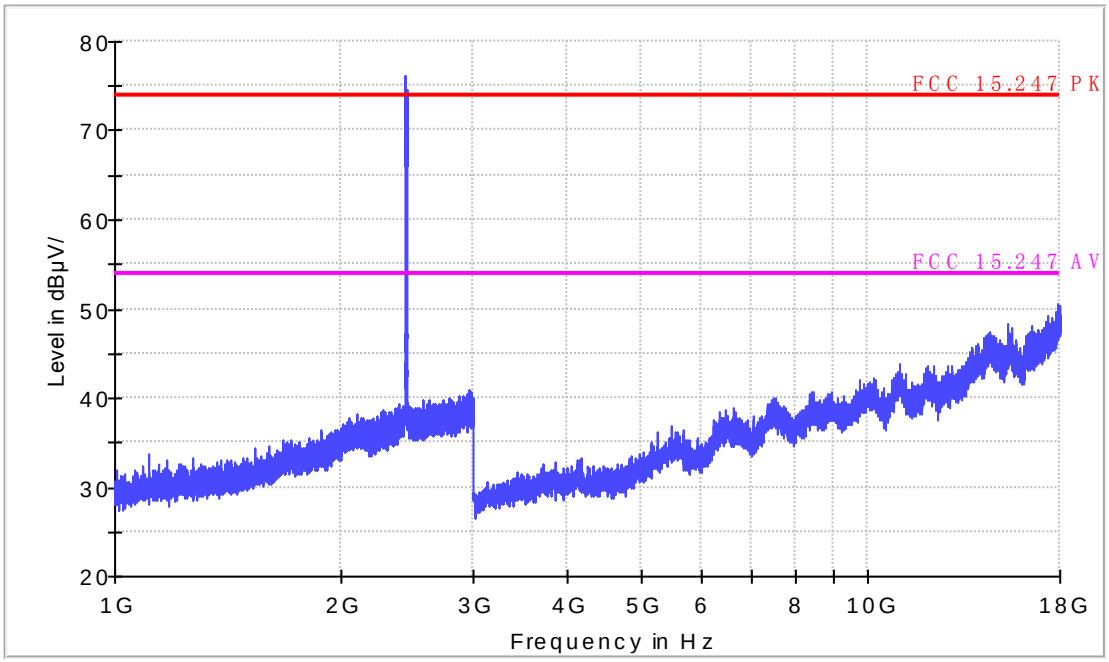
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11n HT20 CH6
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



Radiated Emission

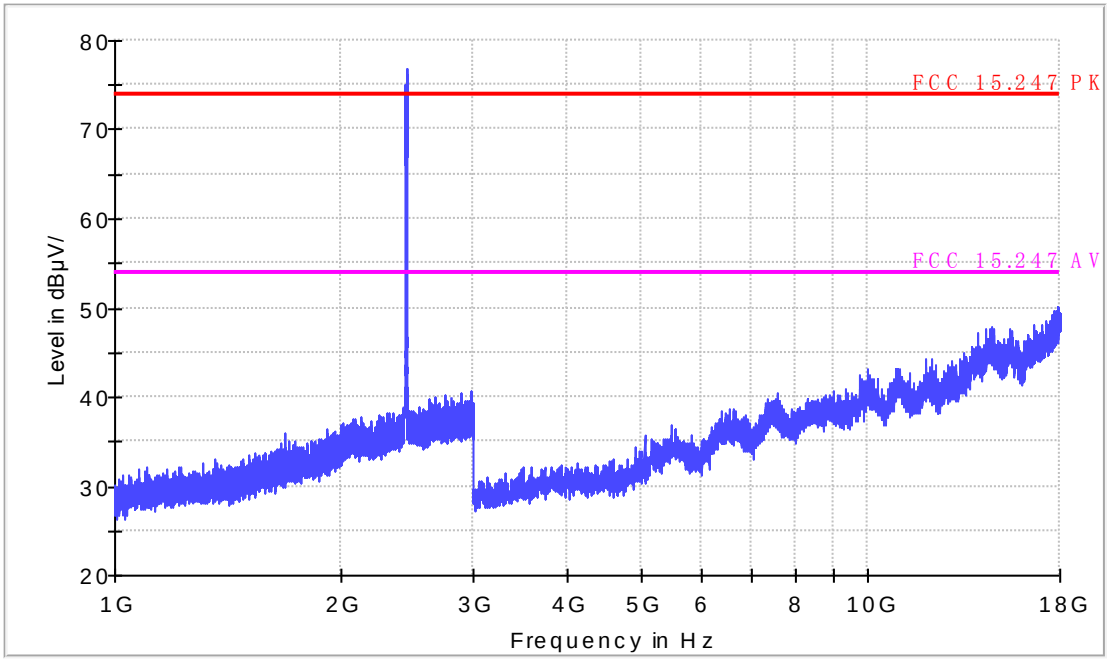
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11n HT20 CH6
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



1-18G

11n-HT20

CH11

Radiated Emission

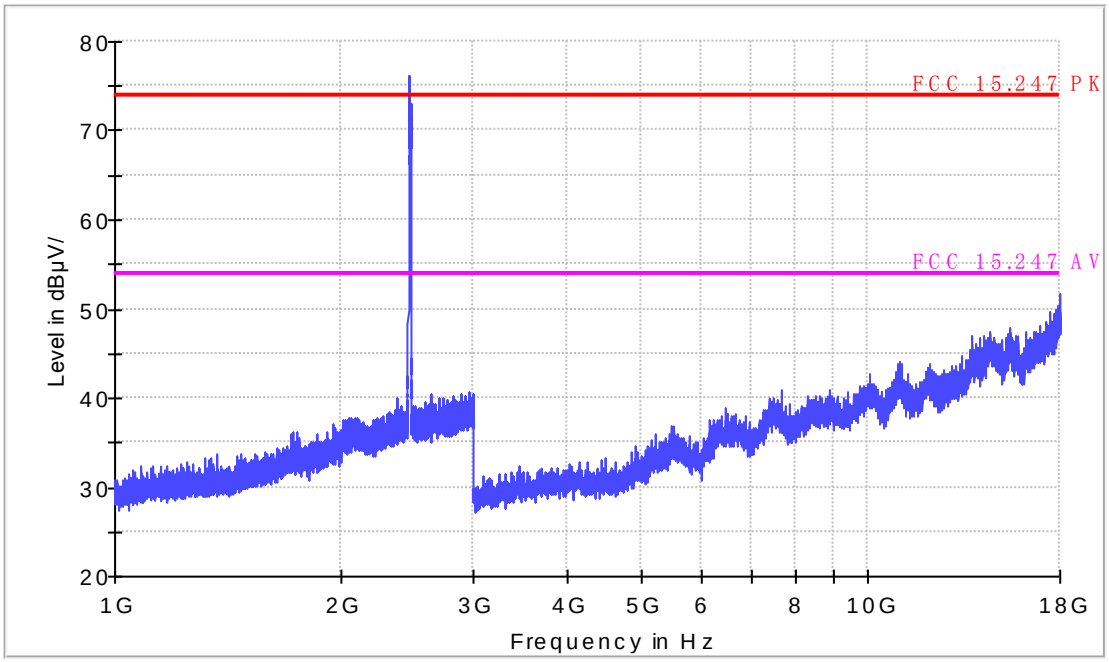
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11n HT20 CH11
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



Radiated Emission

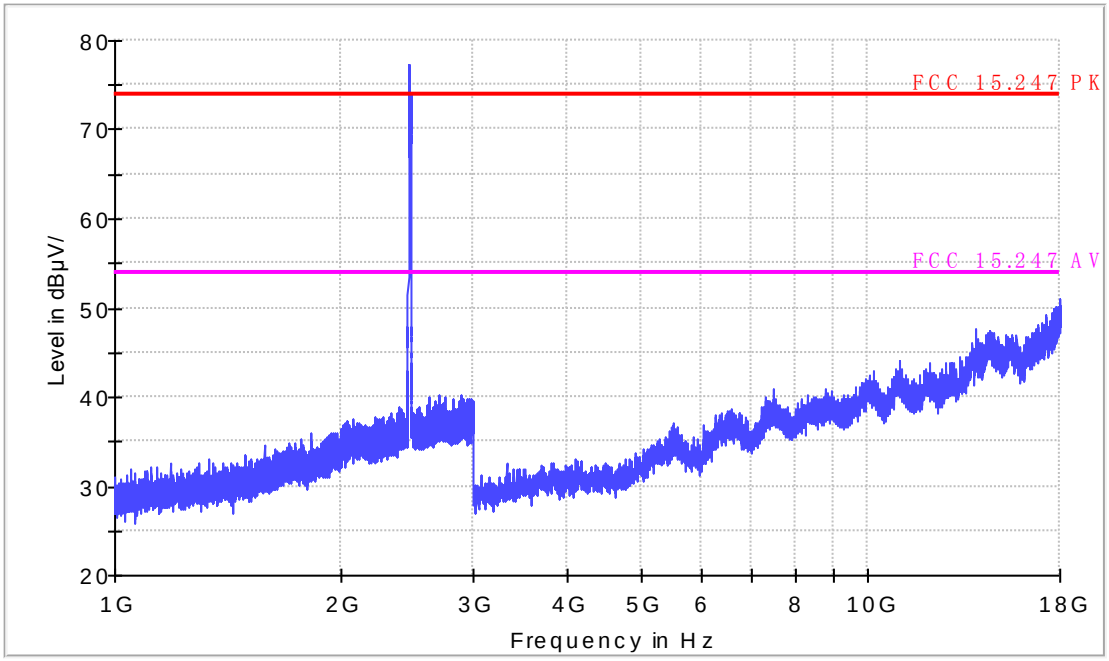
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11n HT20 CH11
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 1-18GHz operate on 2.4GHz



Radiated Emission

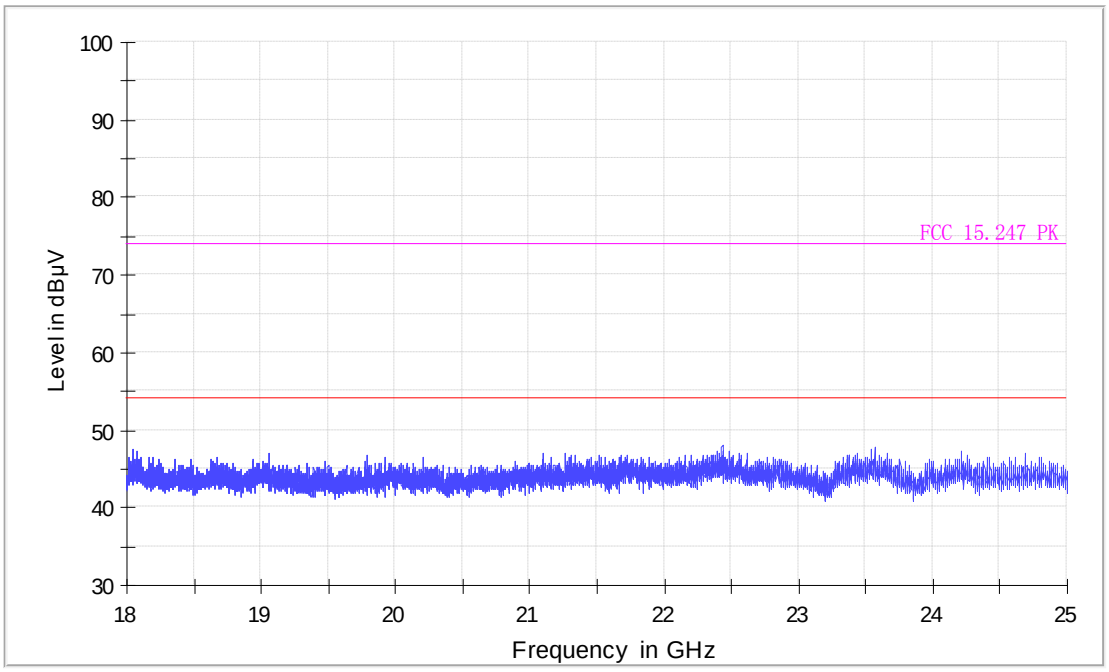
EUT Information

EUT Model Name:	MT10G
Operation mode:	11b CH1
Test Voltage:	
Comment:	

Common Information

Test Site:	SMQ EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 18-26.5GHz



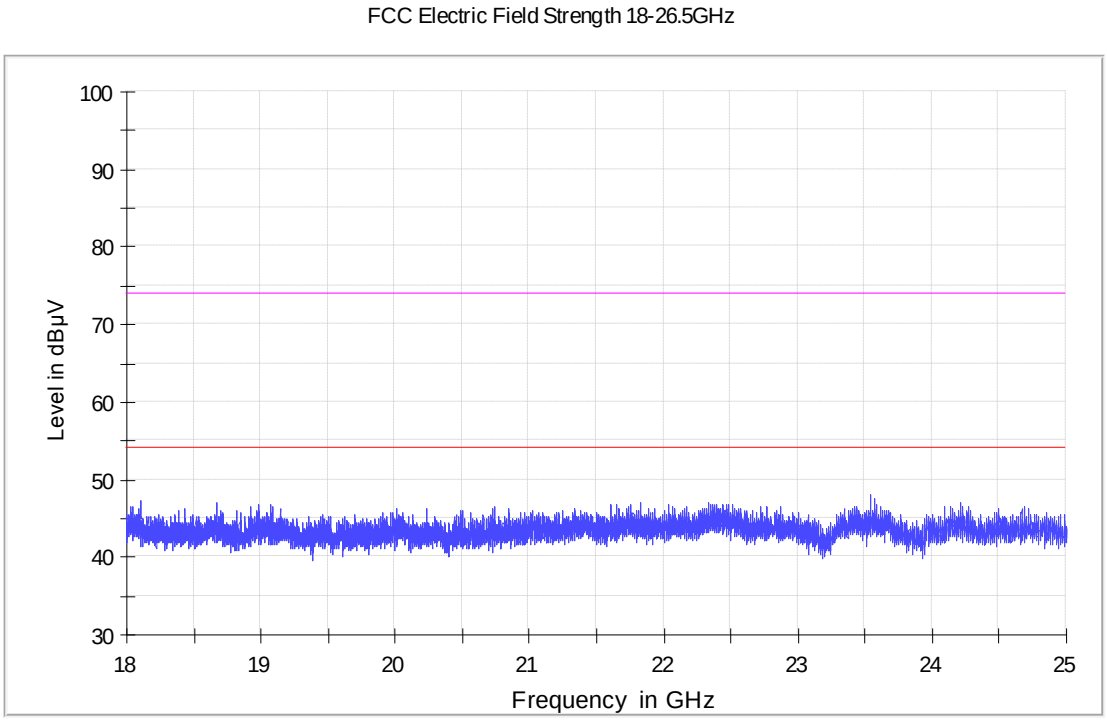
Radiated Emission

EUT Information

EUT Model Name:	MT10G
Operation mode:	11b CH1
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	



Radiated Emission

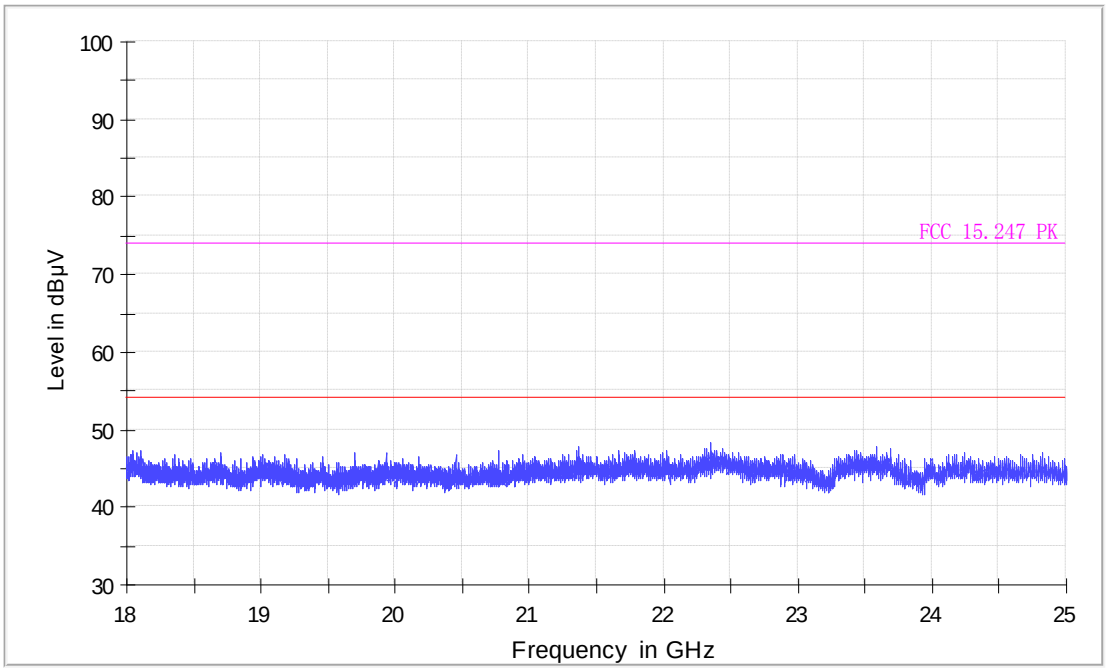
EUT Information

EUT Model Name:	MT10G
Operation mode:	11b CH6
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 18-26.5GHz



Radiated Emission

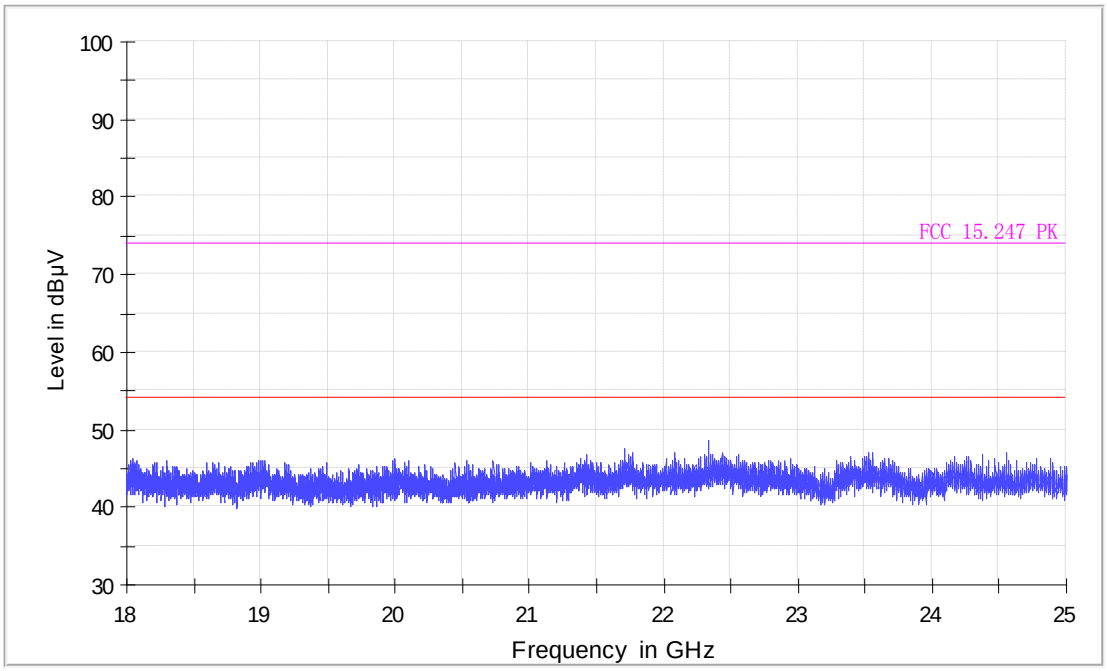
EUT Information

EUT Model Name:	MT10G
Operation mode:	11b CH6
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 18-26.5GHz



Radiated Emission

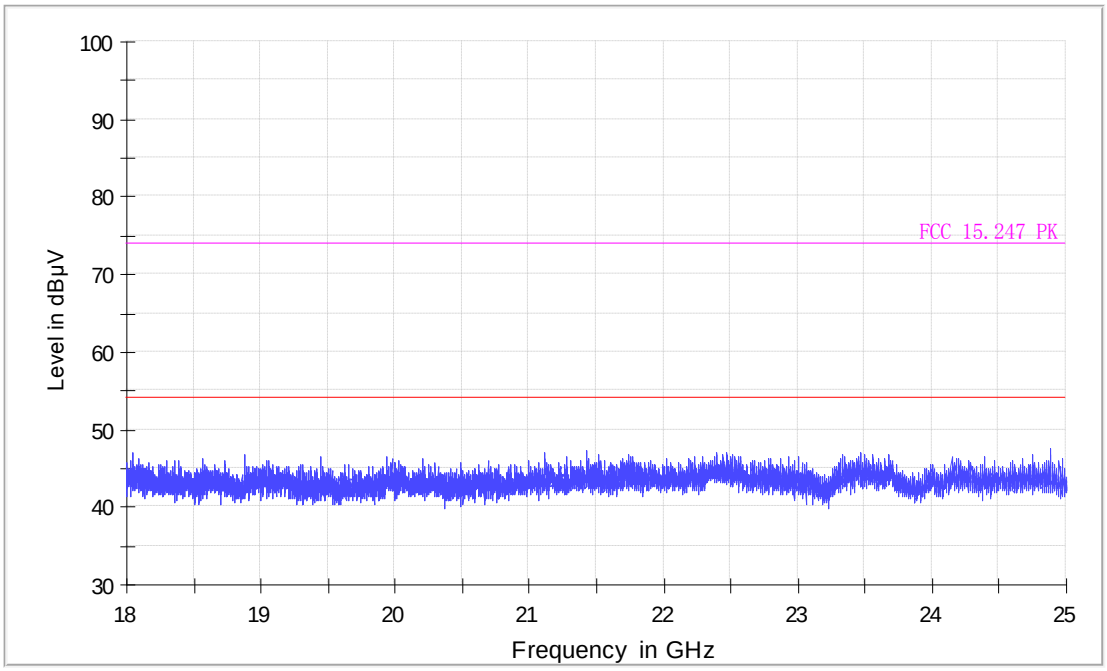
EUT Information

EUT Model Name:	MT10G
Operation mode:	11b CH11
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 18-26.5GHz



Radiated Emission

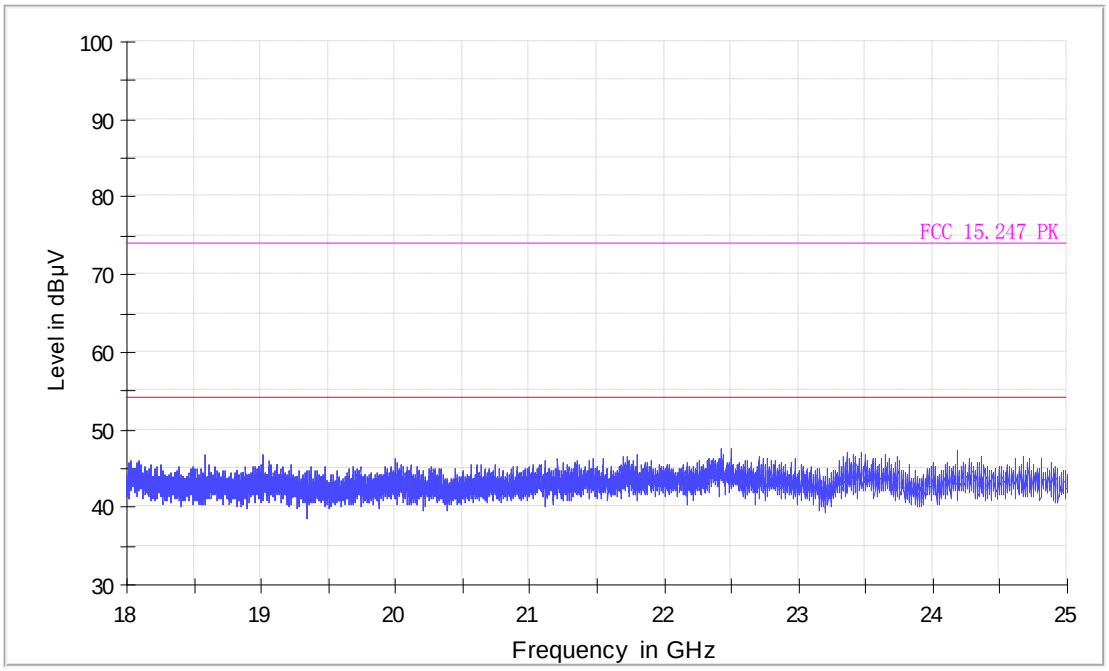
EUT Information

EUT Model Name:	MT10G
Operation mode:	11b CH11
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 18-26.5GHz



Radiated Emission

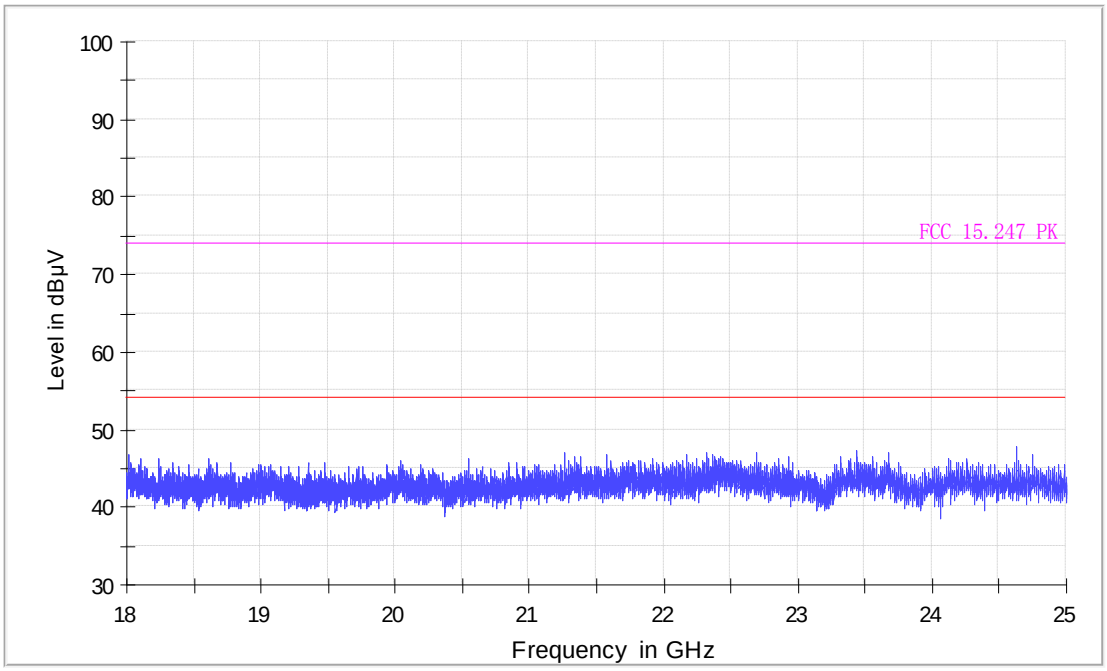
EUT Information

EUT Model Name:	MT10G
Operation mode:	11g CH1
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 18-26.5GHz



Radiated Emission

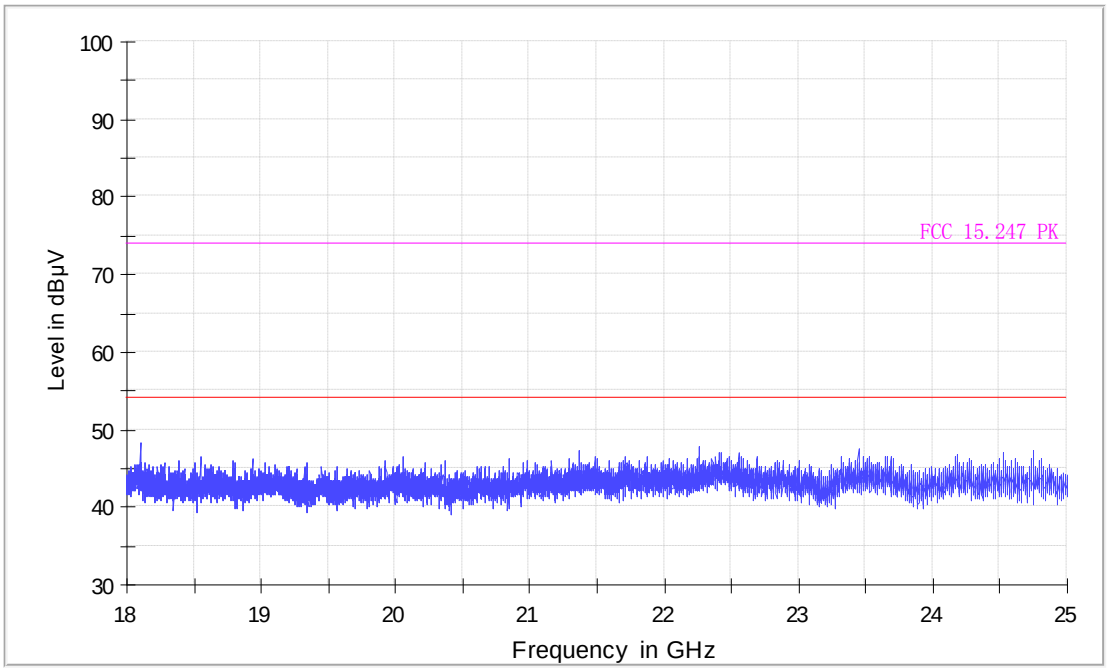
EUT Information

EUT Model Name:	MT10G
Operation mode:	11g CH1
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 18-26.5GHz



Radiated Emission

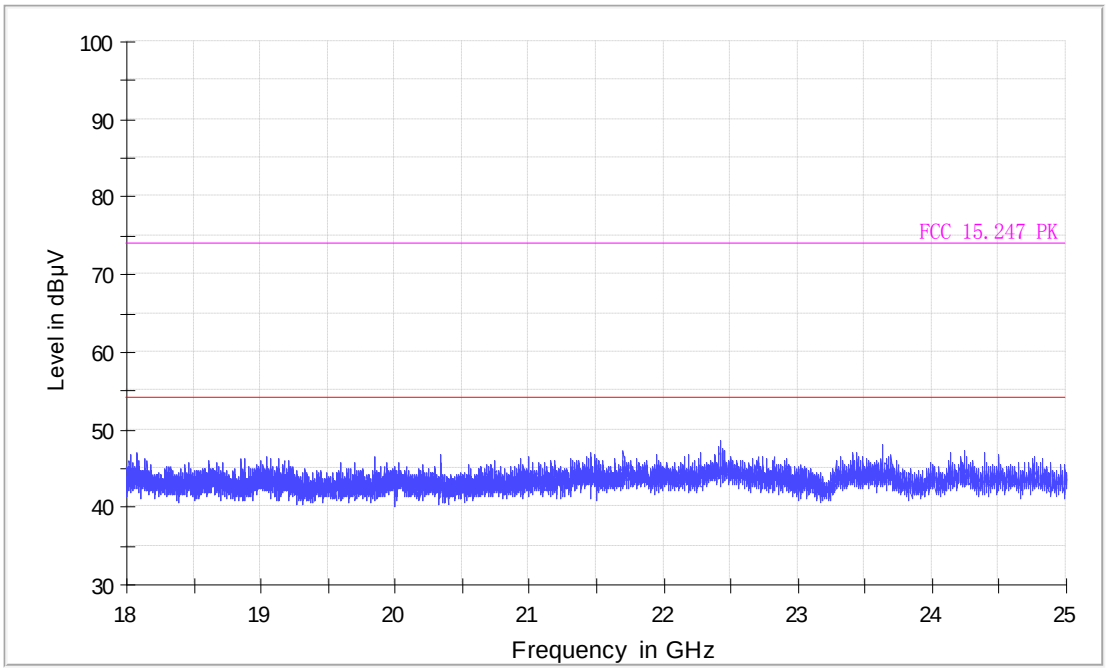
EUT Information

EUT Model Name:	MT10G
Operation mode:	11gCH6
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 18-26.5GHz



Radiated Emission

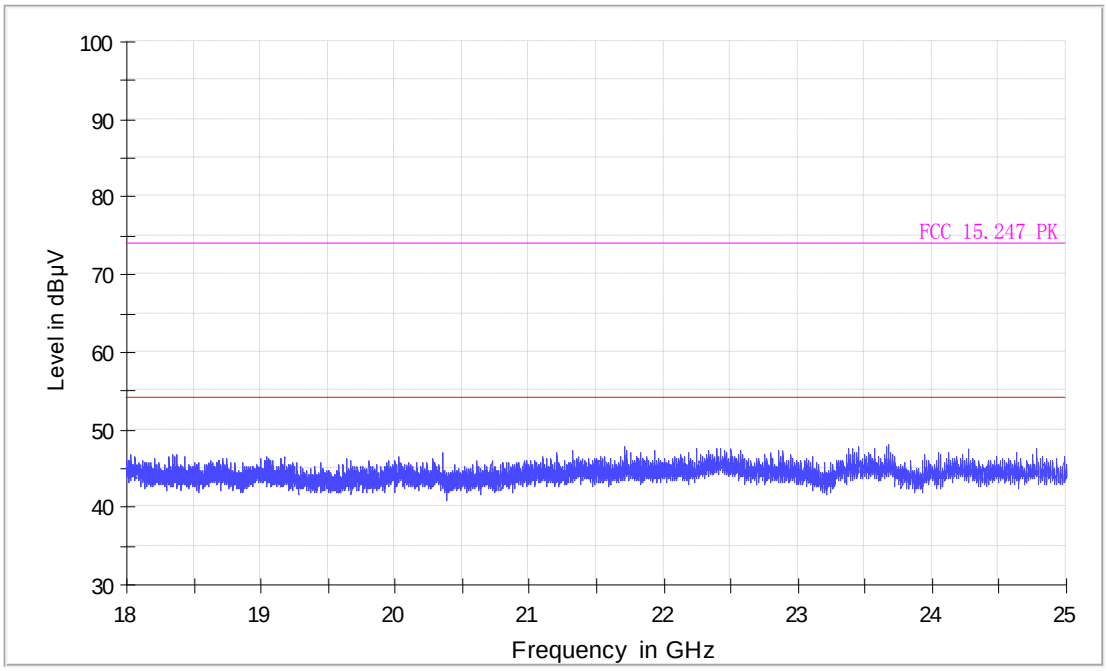
EUT Information

EUT Model Name:	MT10G
Operation mode:	11gCH6
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 18-26.5GHz



Radiated Emission

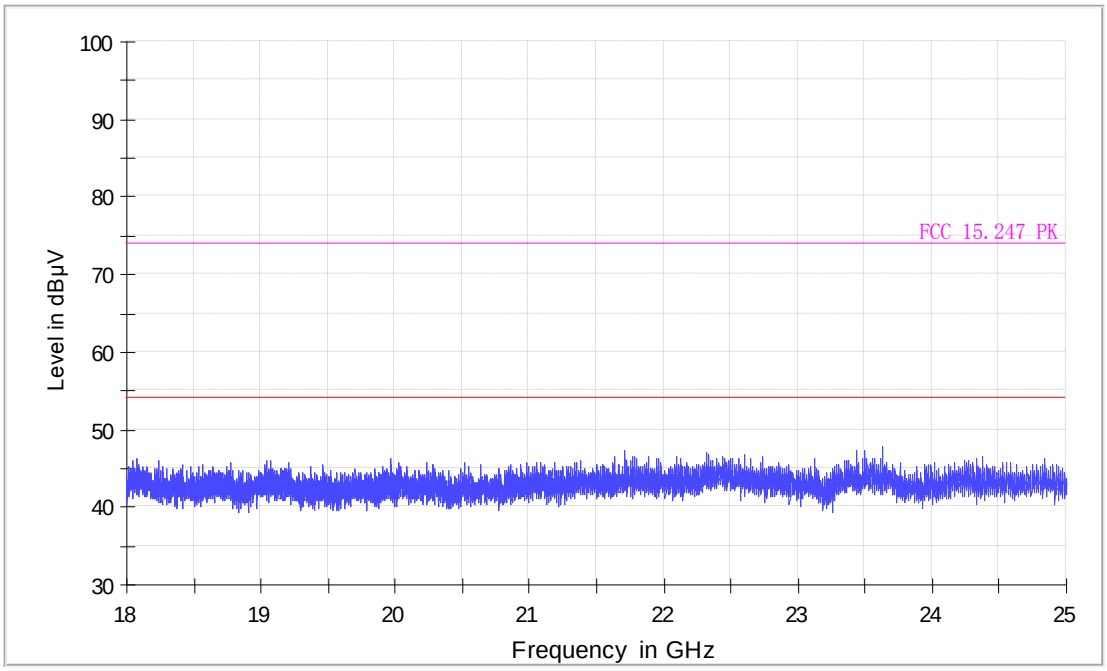
EUT Information

EUT Model Name:	MT10G
Operation mode:	11g CH11
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 18-26.5GHz



Radiated Emission

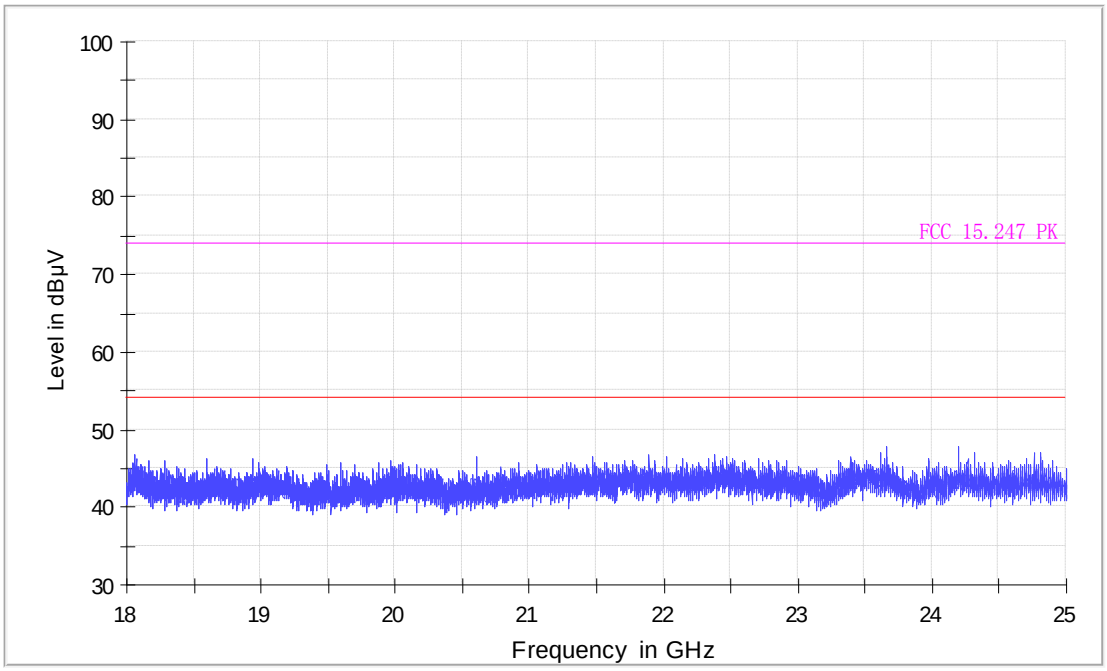
EUT Information

EUT Model Name:	MT10G
Operation mode:	11g CH11
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 18-26.5GHz



Radiated Emission

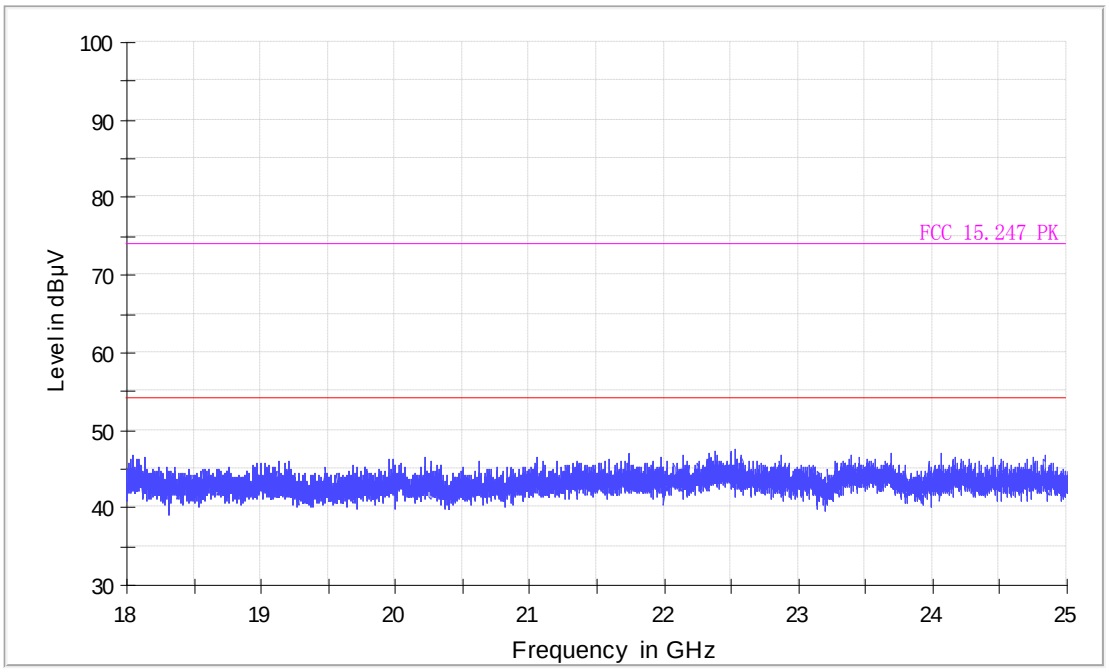
EUT Information

EUT Model Name:	MT10G
Operation mode:	11n-HT20 CH1
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 18-26.5GHz



Radiated Emission

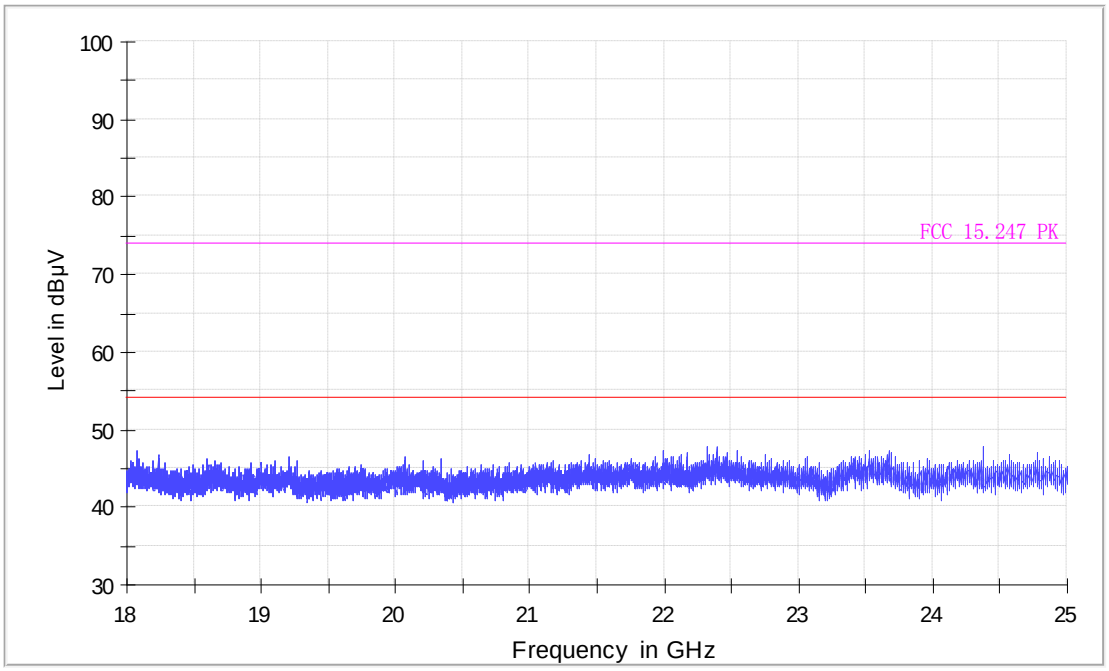
EUT Information

EUT Model Name:	MT10G
Operation mode:	11n-HT20 CH1
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 18-26.5GHz



Radiated Emission

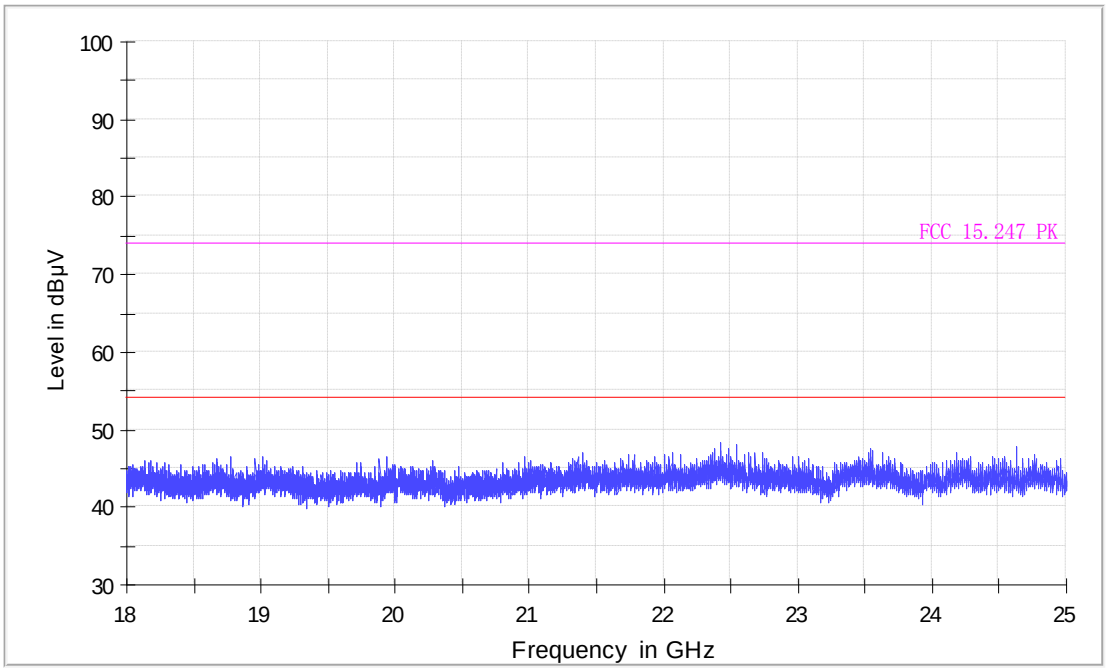
EUT Information

EUT Model Name:	MT10G
Operation mode:	11n-HT20 CH6
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 18-26.5GHz



Radiated Emission

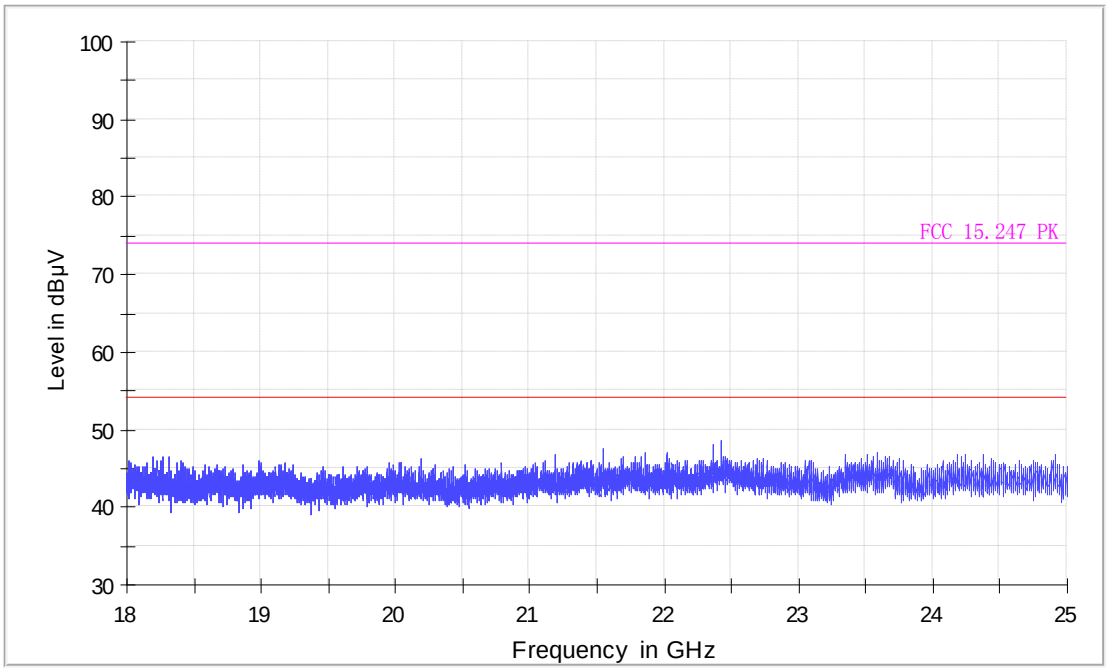
EUT Information

EUT Model Name:	MT10G
Operation mode:	11n-HT20 CH6
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 18-26.5GHz



Radiated Emission

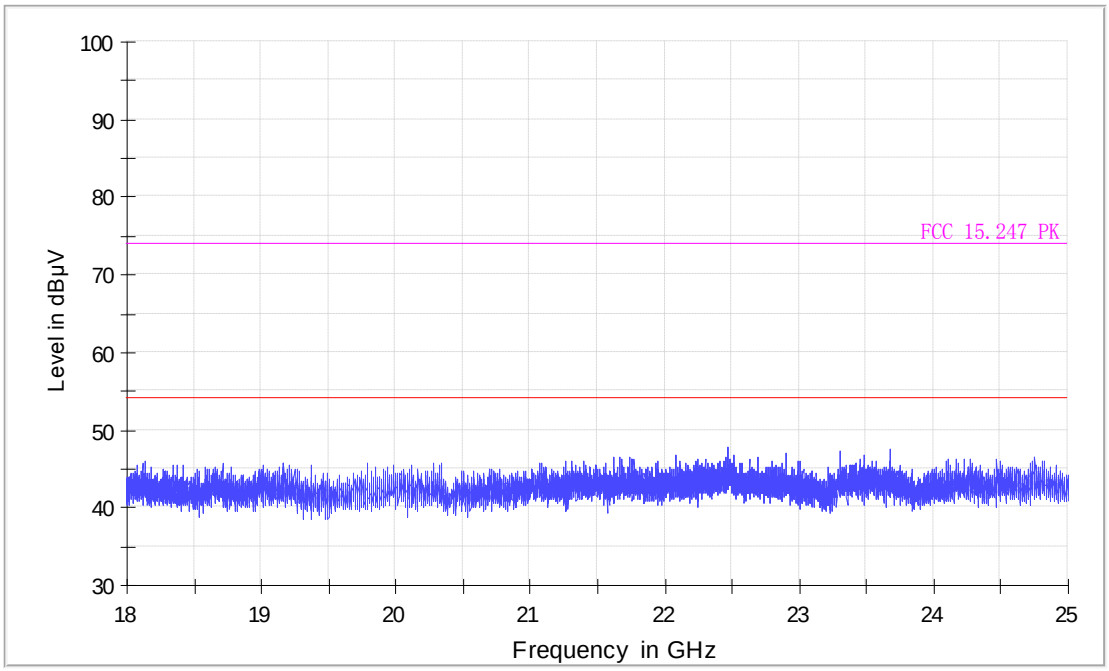
EUT Information

EUT Model Name:	MT10G
Operation mode:	11n-HT20 CH11
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 18-26.5GHz



Radiated Emission

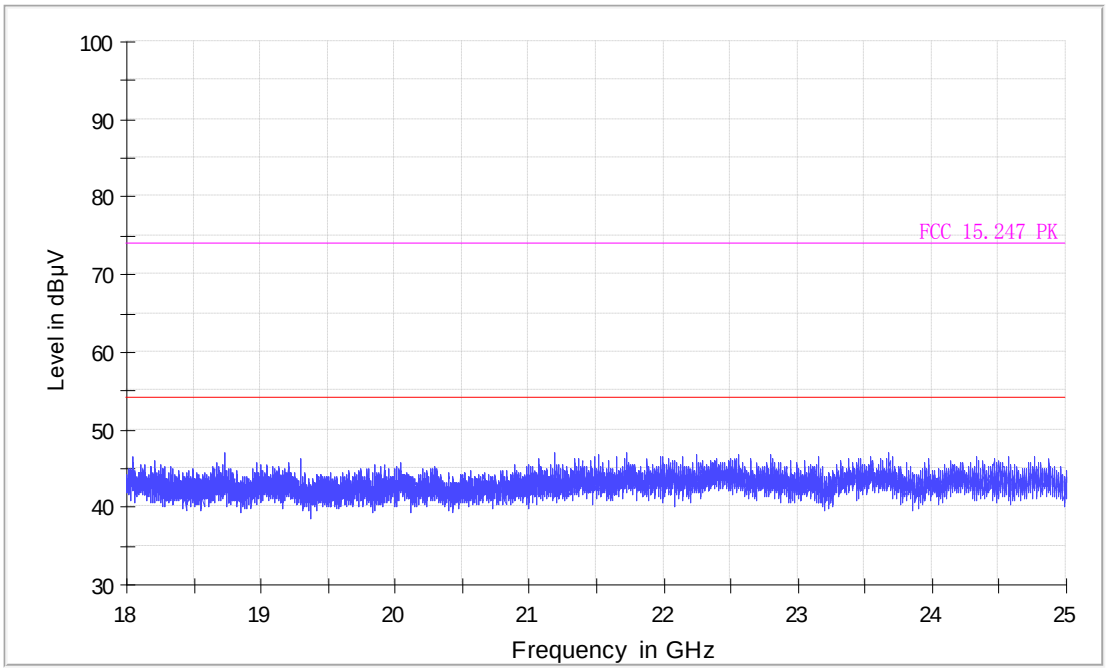
EUT Information

EUT Model Name:	MT10G
Operation mode:	11n-HT20 CH11
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 18-26.5GHz



Band edge

11b

CH1

Radiated Emission

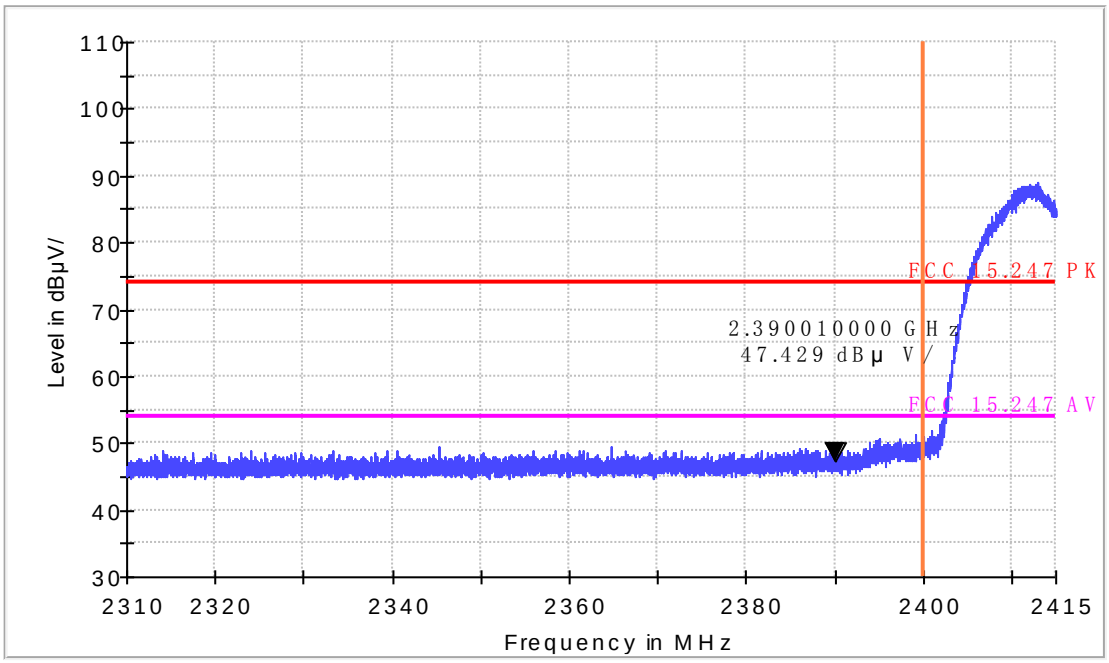
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11b CH1
Test Voltage:	
Comment:	

Common Information

Test Site:	SMQ EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 2.4GHz Bandedge-PK



Radiated Emission

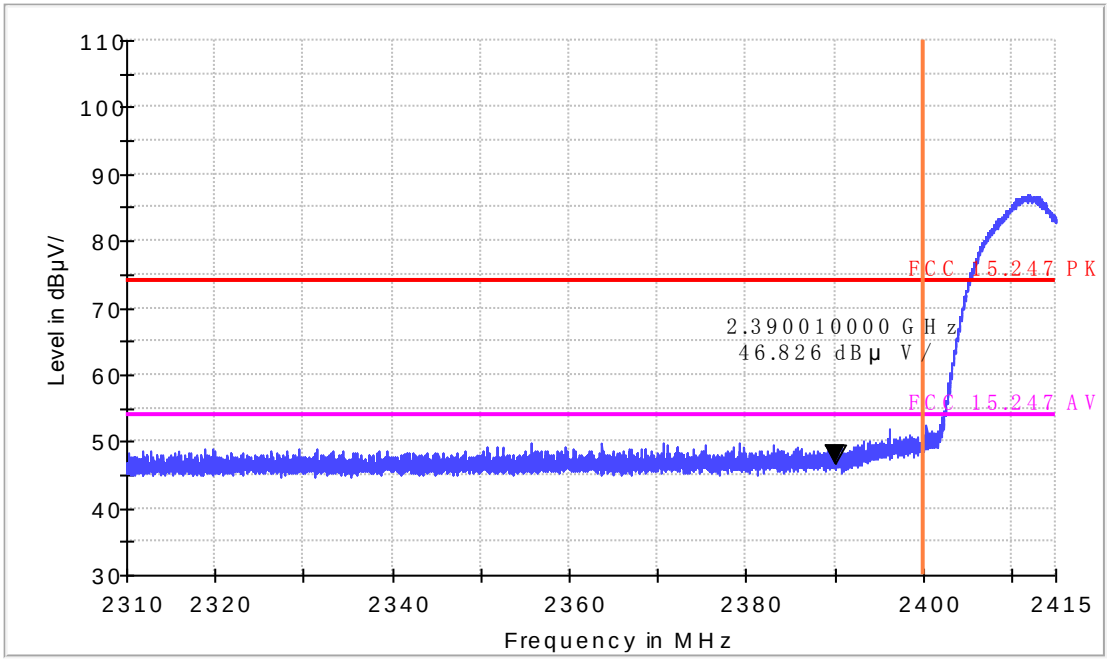
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11b CH1
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 2.4GHz Bandedge-PK



Radiated Emission

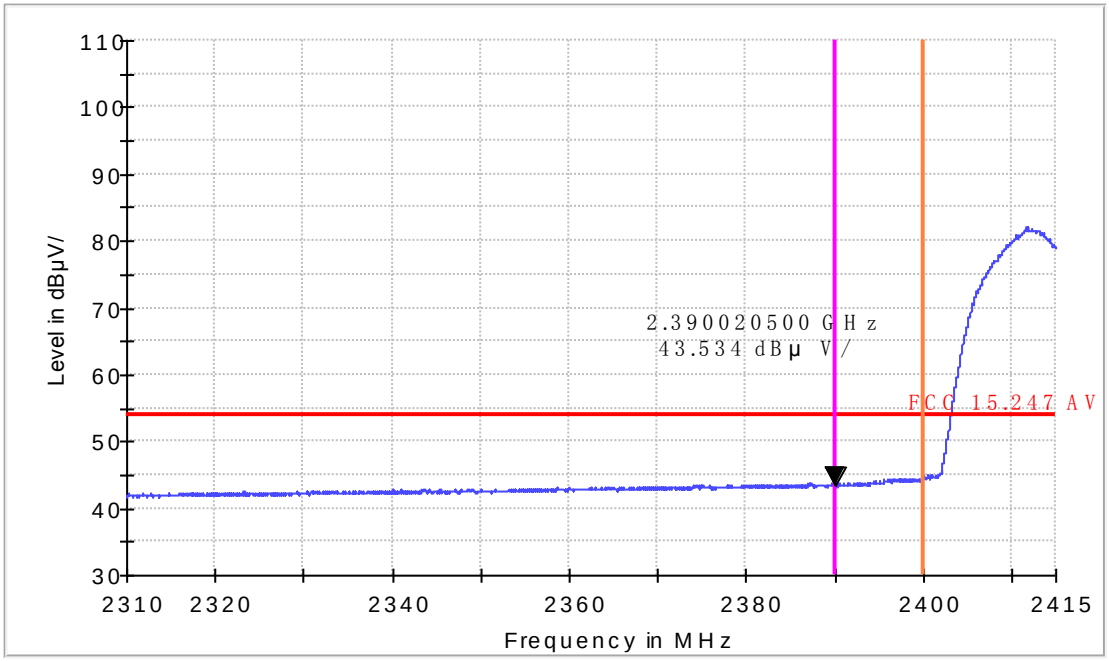
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11b CH1
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 2.4GHz Bandedge-AV



Radiated Emission

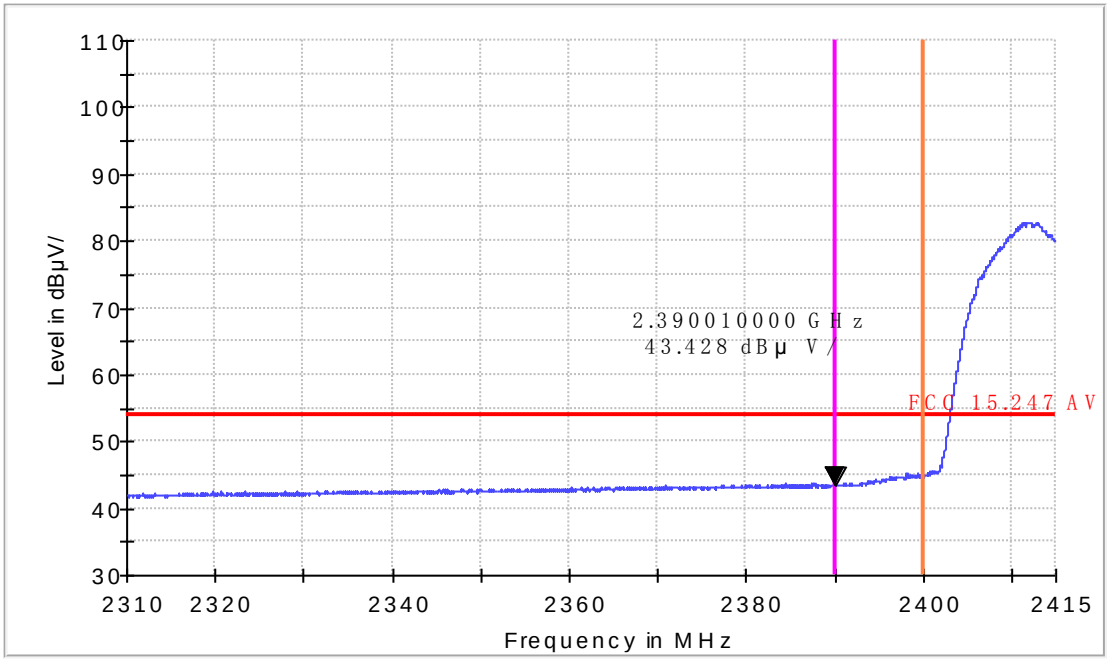
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11b CH1
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 2.4GHz Bandedge-AV



Band edge

11g

CH1

Radiated Emission

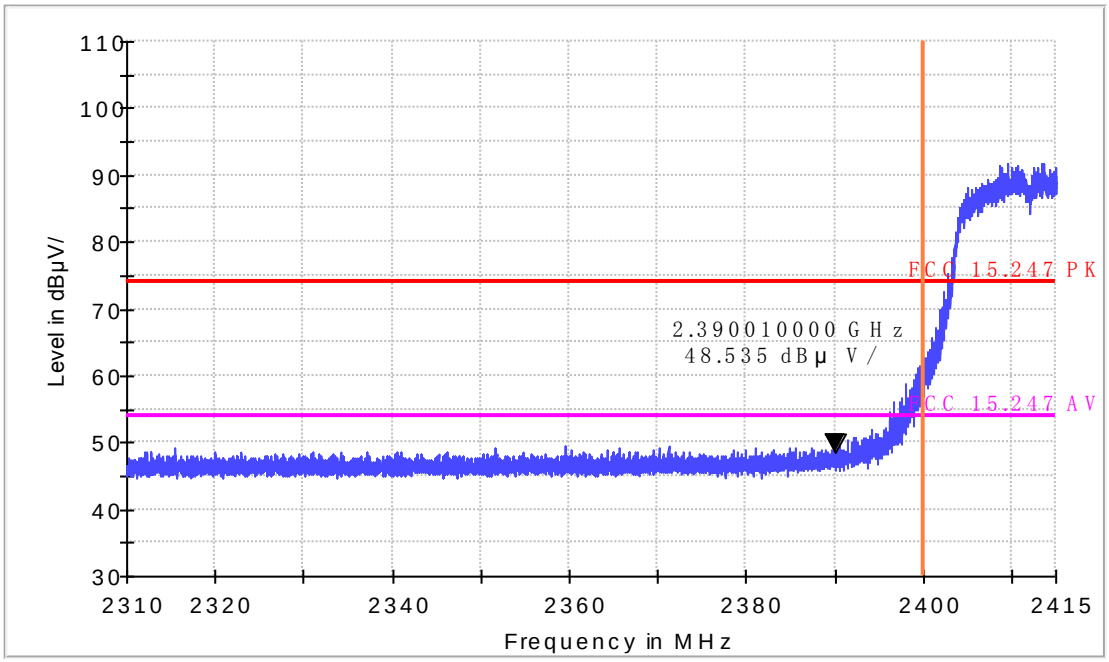
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11g CH1
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 2.4GHz Bandedge-PK



Radiated Emission

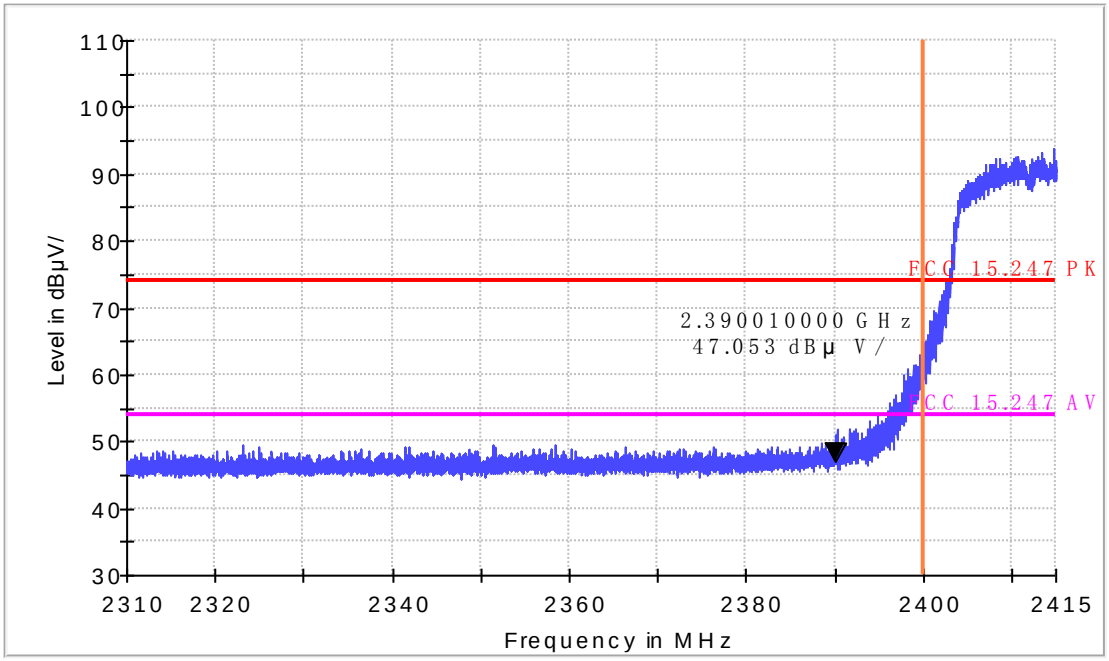
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11g CH1
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 2.4GHz Bandedge-PK



Radiated Emission

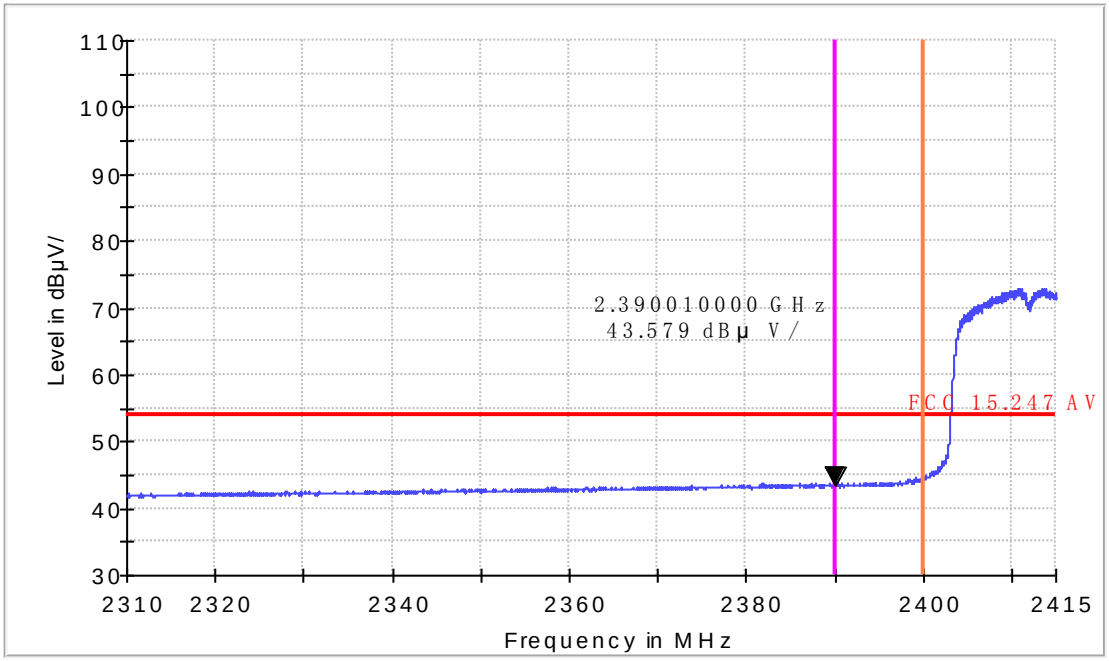
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11g CH1
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 2.4GHz Bandedge-AV



Radiated Emission

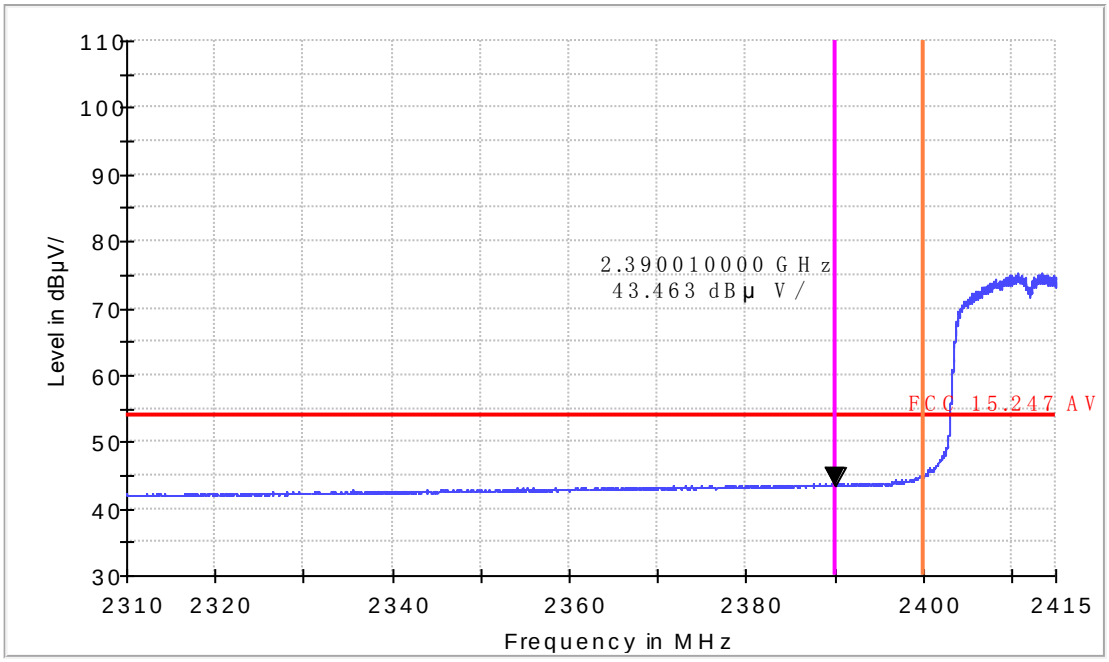
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11g CH1
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 2.4GHz Bandedge-AV



Band edge

11n-HT20

CH1

Radiated Emission

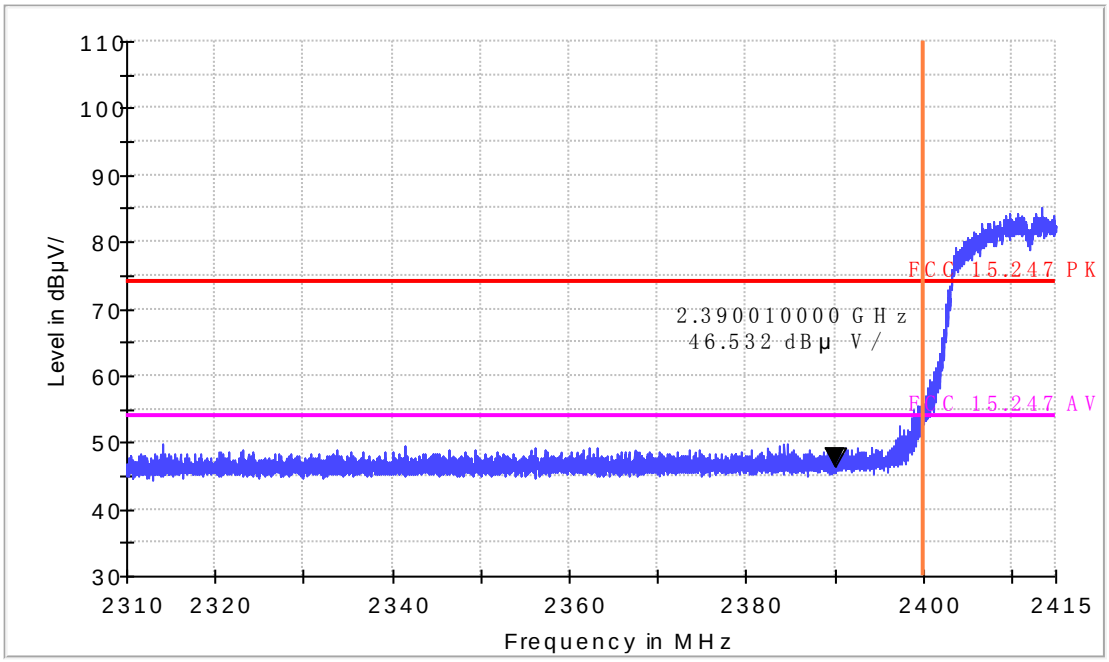
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11n20 CH1
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 2.4GHz Bandedge-PK



Radiated Emission

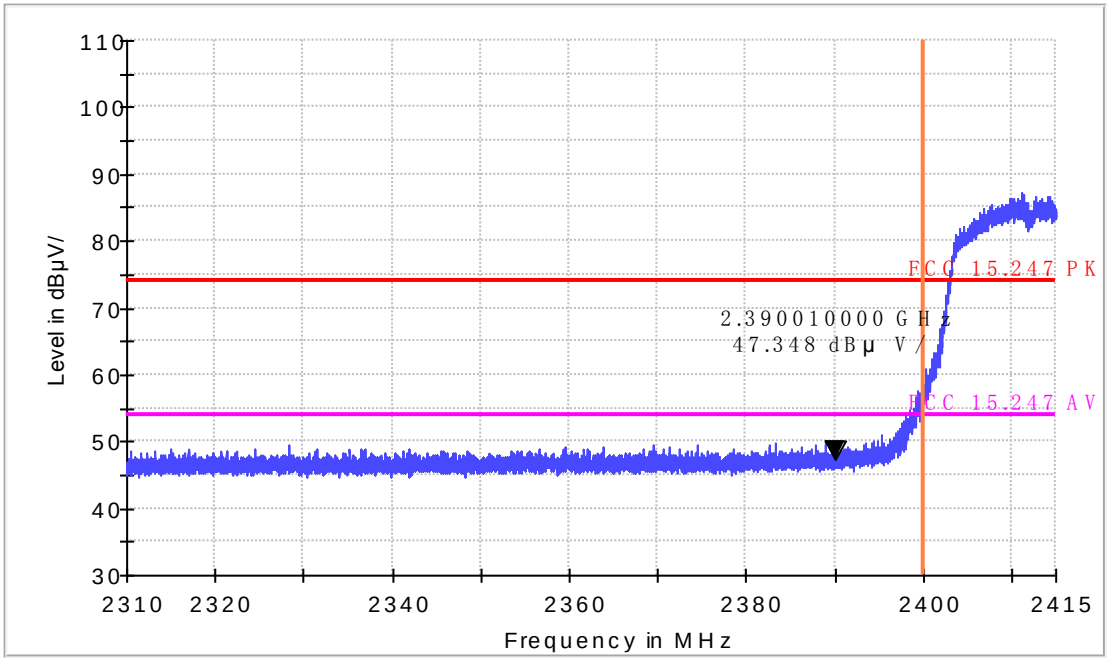
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11n20 CH1
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 2.4GHz Bandedge-PK



Radiated Emission

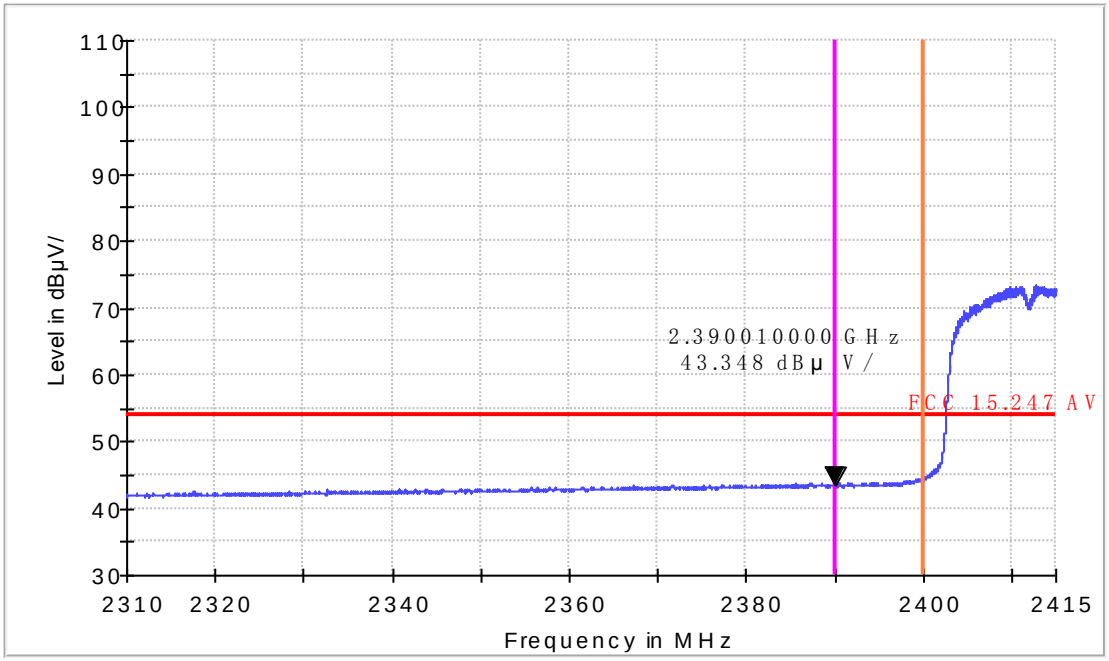
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11n20 CH1
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 2.4GHz Bandedge-AV



Radiated Emission

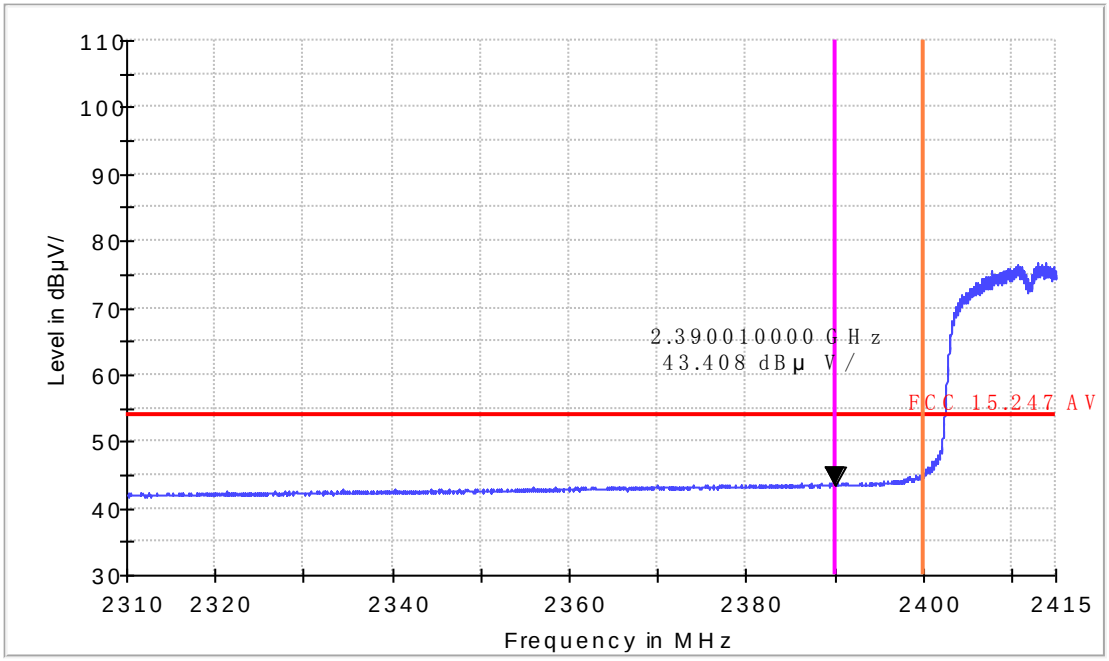
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11n20 CH1
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 2.4GHz Bandedge-AV



Band edge

11b

CH11

Radiated Emission

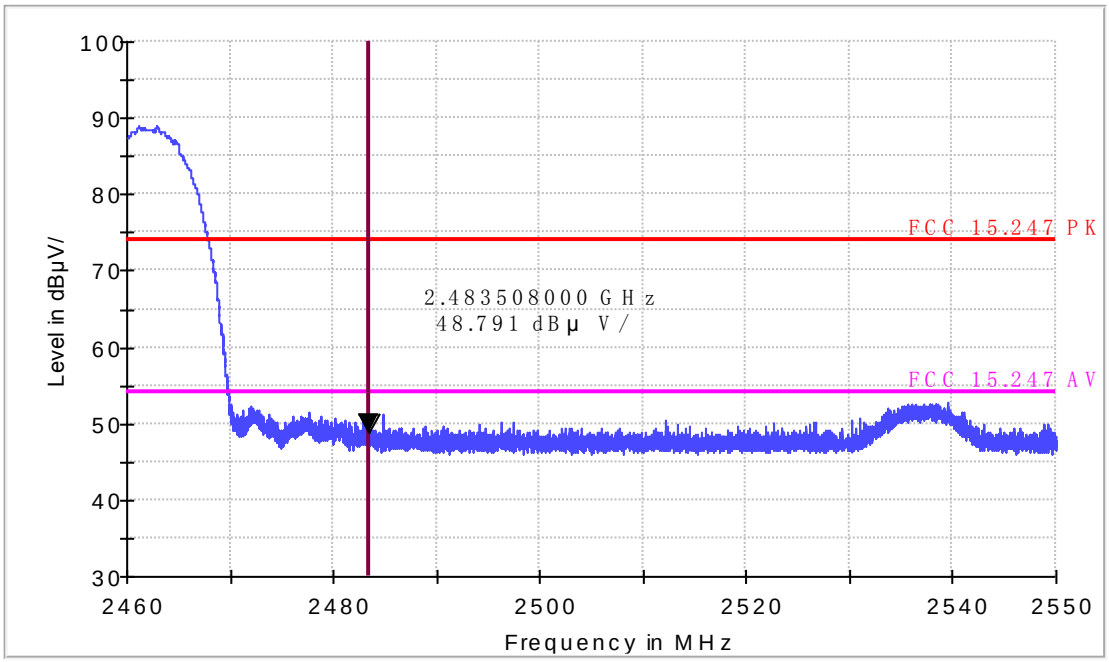
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11b CH11
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 2.4GHz Bandedge-PK



Radiated Emission

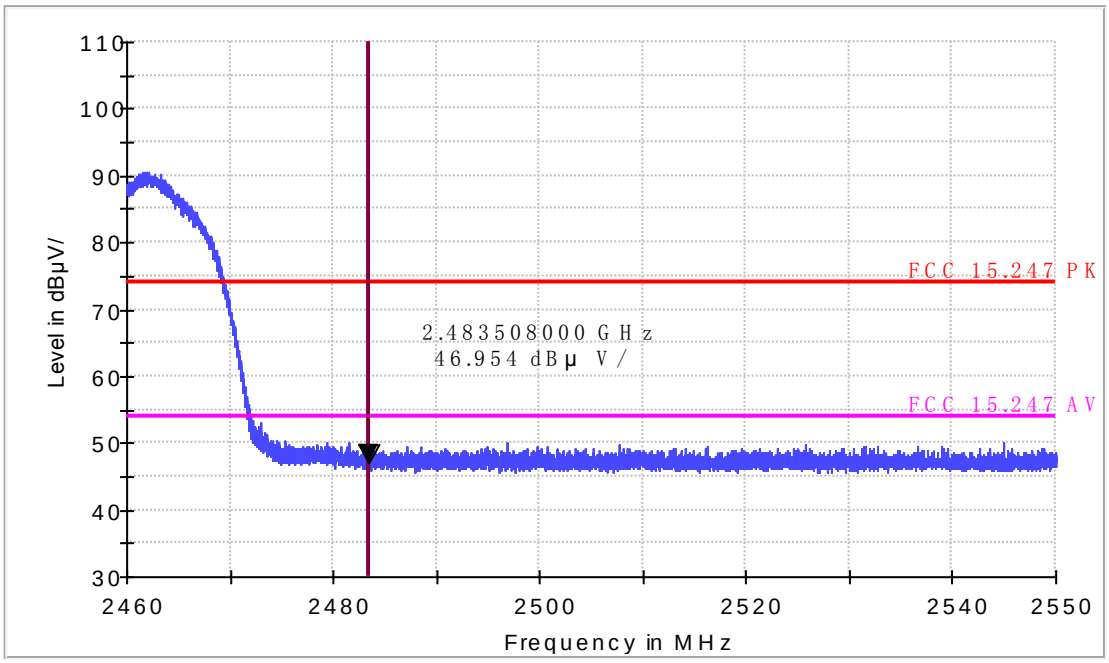
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11b CH11
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 2.4GHz Bandedge-PK



Radiated Emission

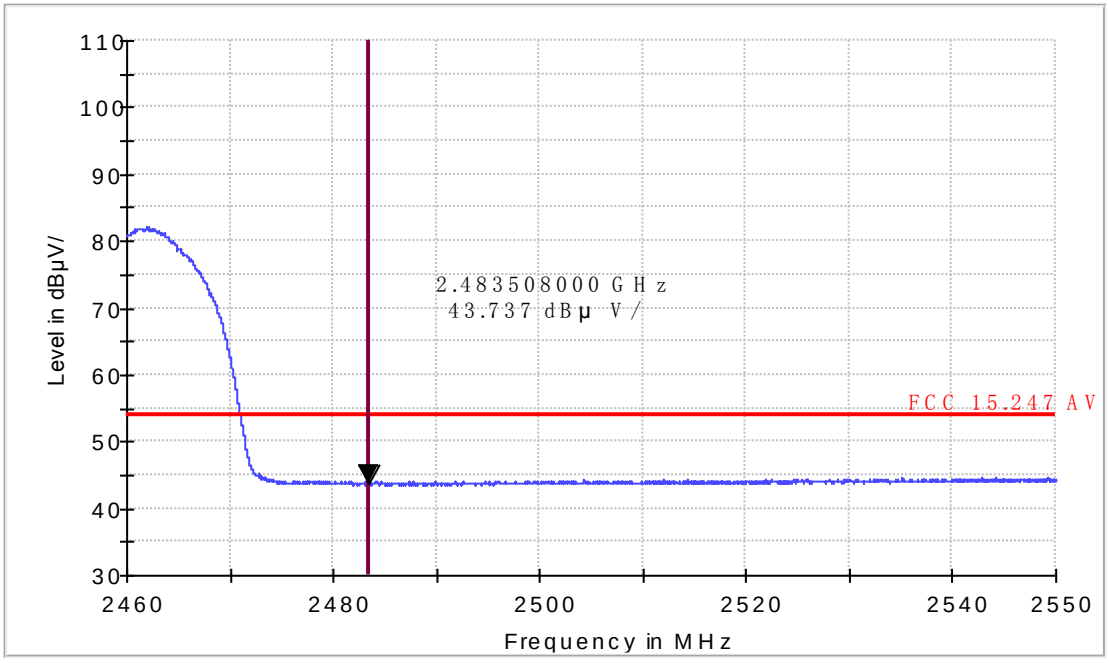
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11b CH11
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 2.4GHz Bandedge-AV



Radiated Emission

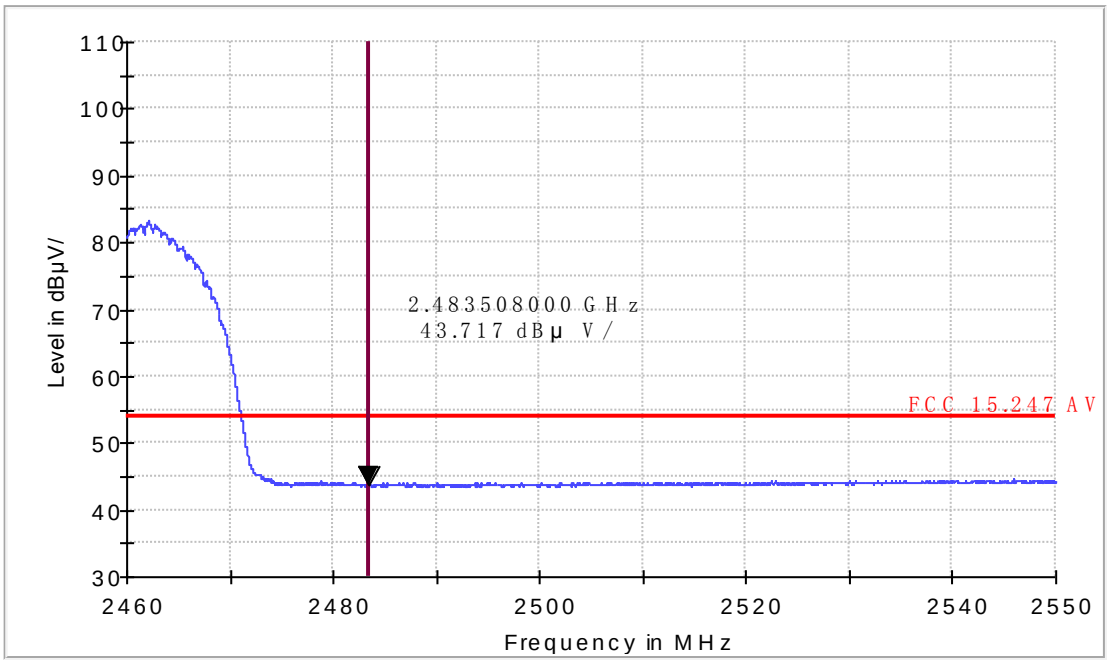
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11b CH11
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 2.4GHz Bandedge-AV



Band edge

11g

CH11

Radiated Emission

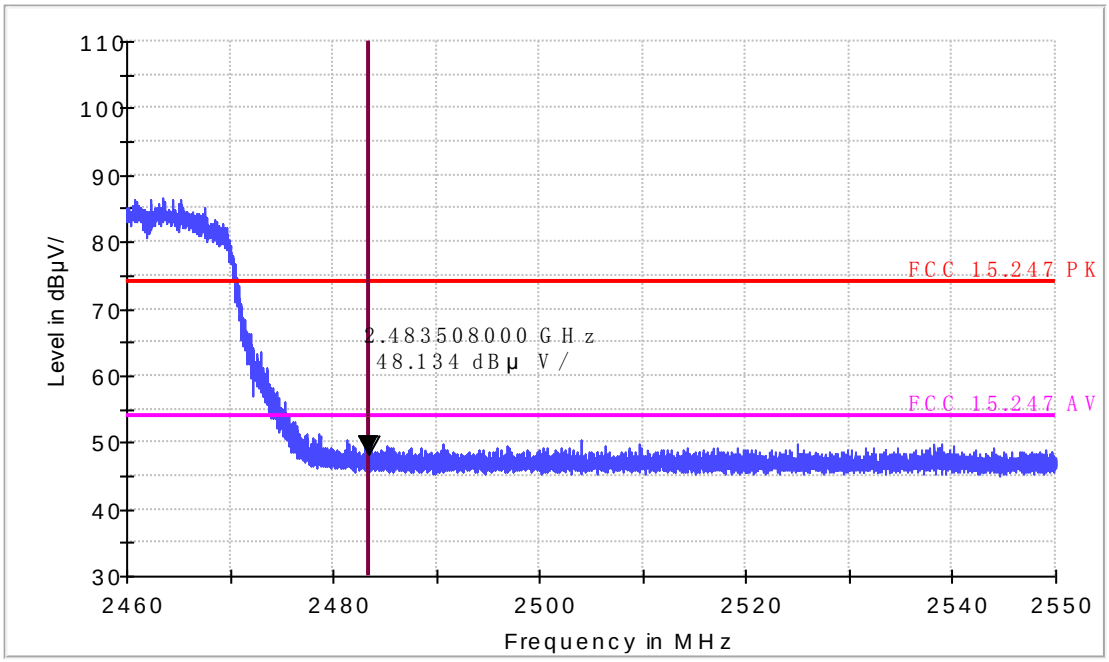
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11g CH11
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 2.4GHz Bandedge-PK



Radiated Emission

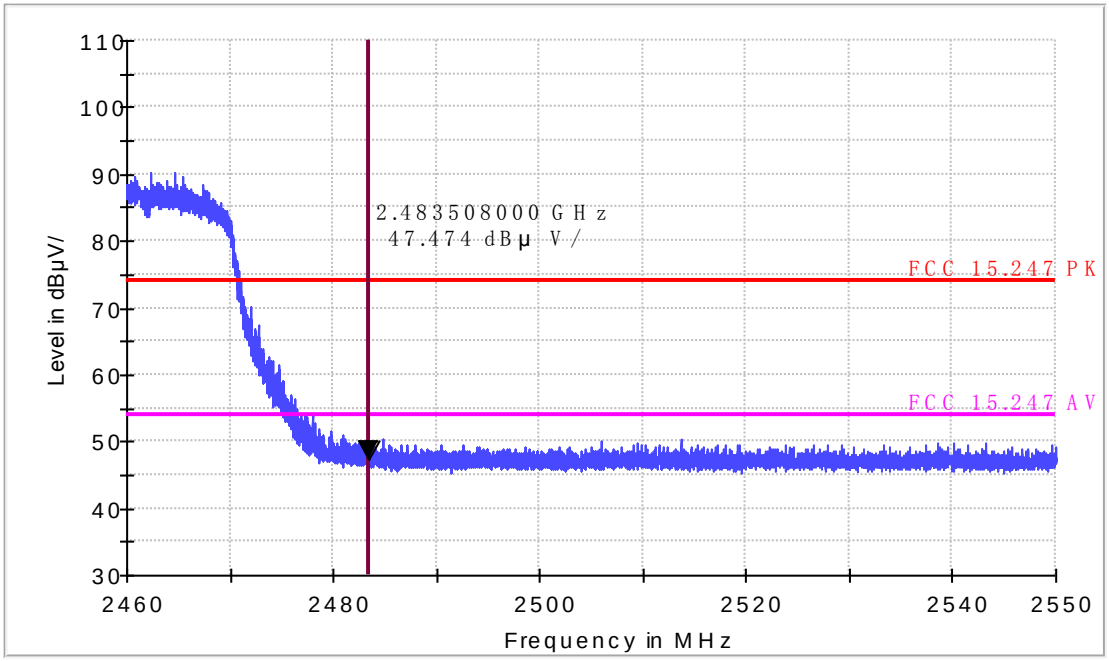
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11g CH11
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 2.4GHz Bandedge-PK



Radiated Emission

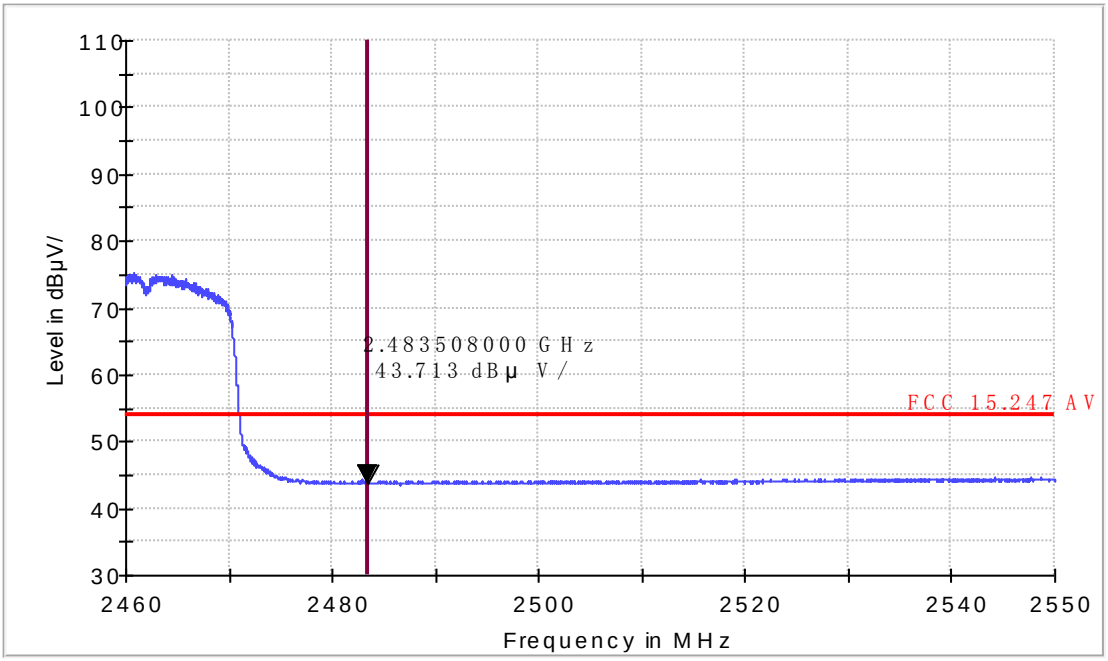
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11g CH11
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 2.4GHz Bandedge-AV



Radiated Emission

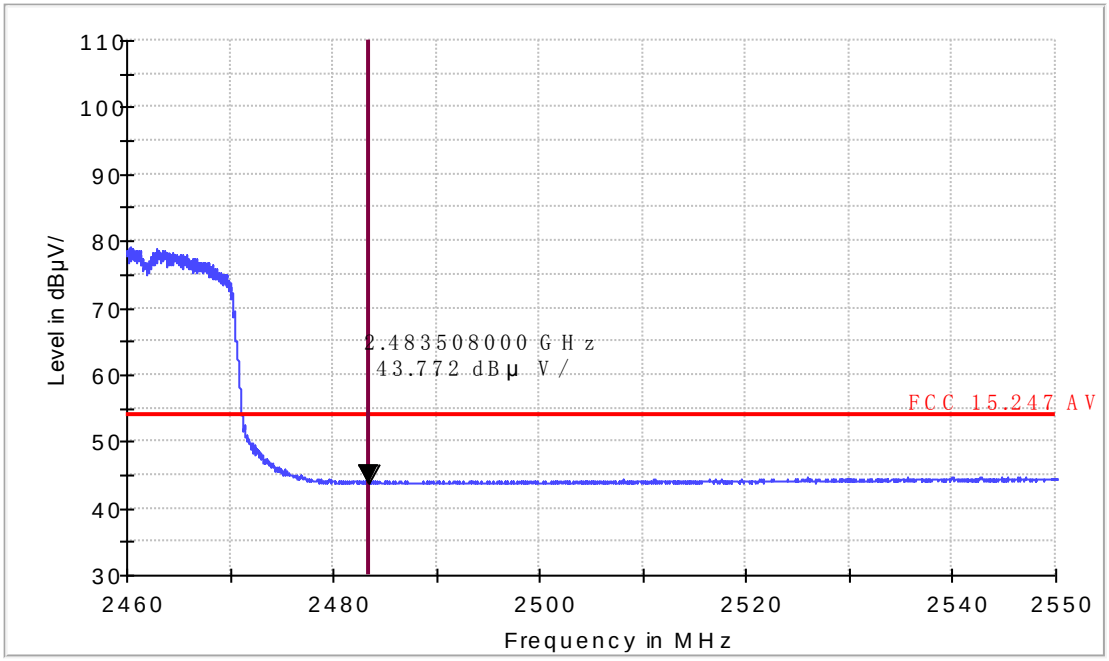
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11g CH11
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 2.4GHz Bandedge-AV



Band edge

11n-HT20

CH11

Radiated Emission

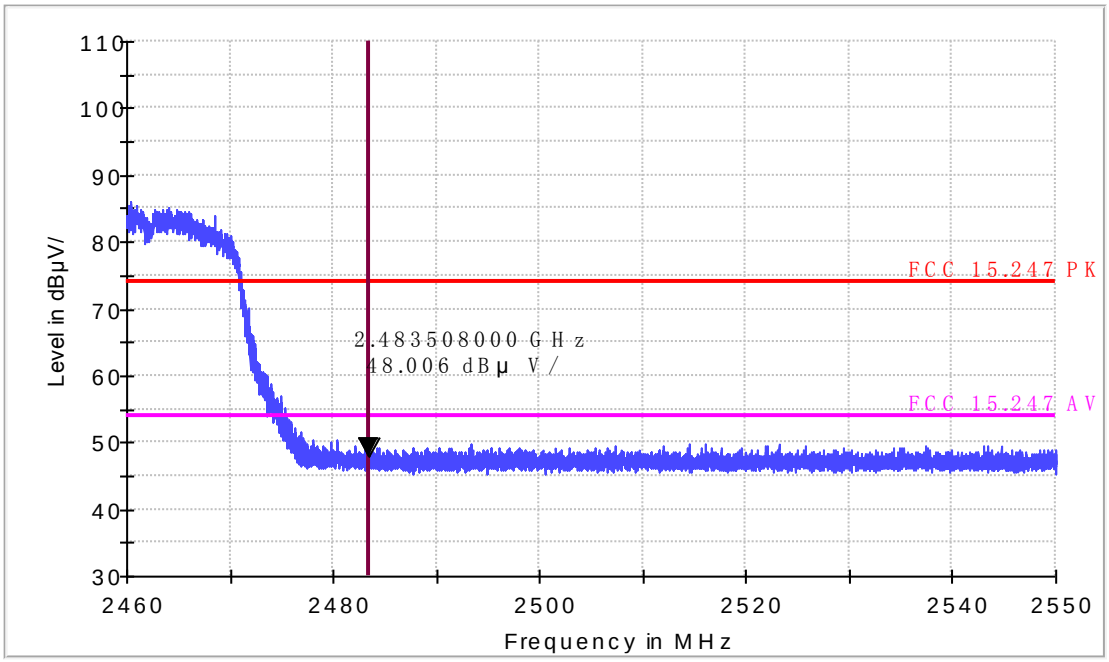
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11n20 CH11
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 2.4GHz Bandedge-PK



Radiated Emission

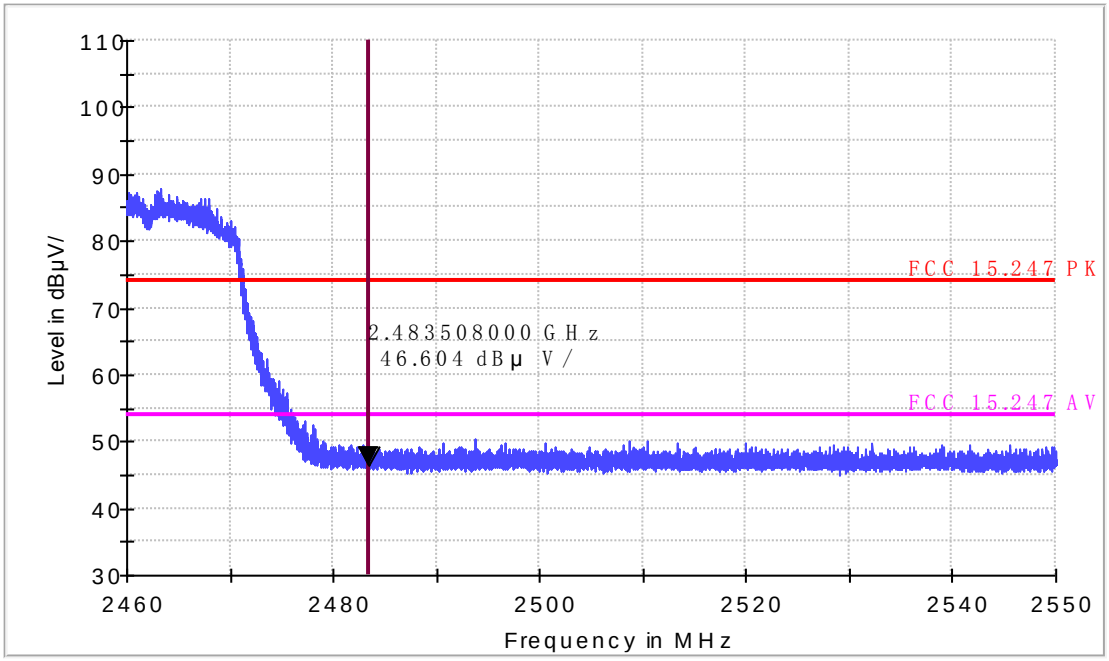
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11n20 CH11
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 2.4GHz Bandedge-PK



Radiated Emission

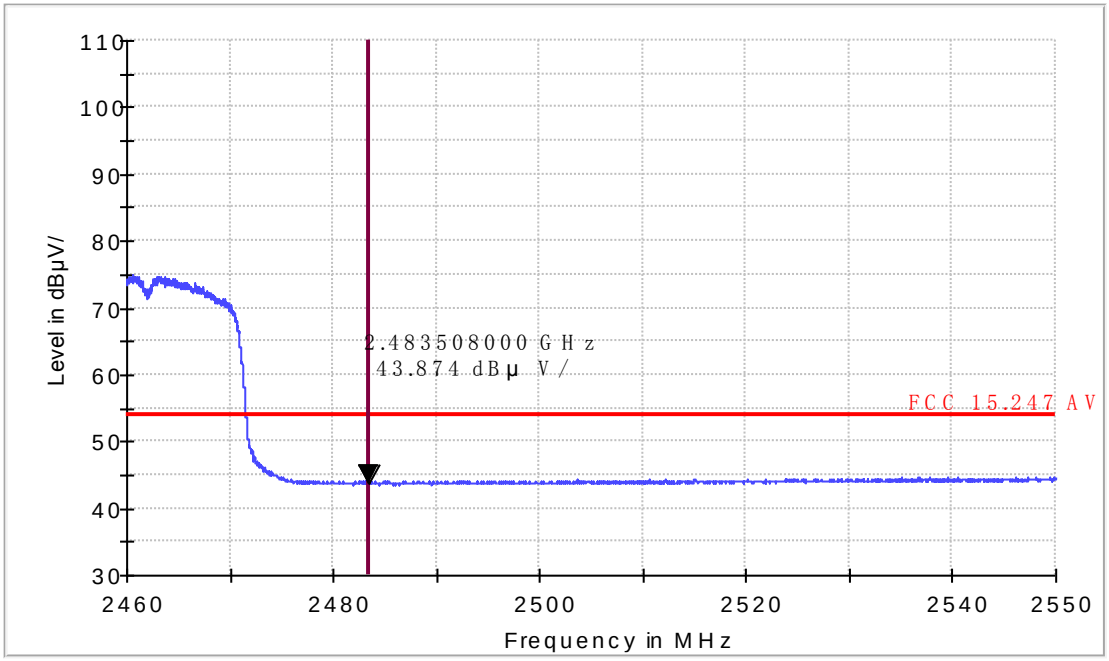
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11n20 CH11
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

FCC Electric Field Strength 2.4GHz Bandedge-AV



Radiated Emission

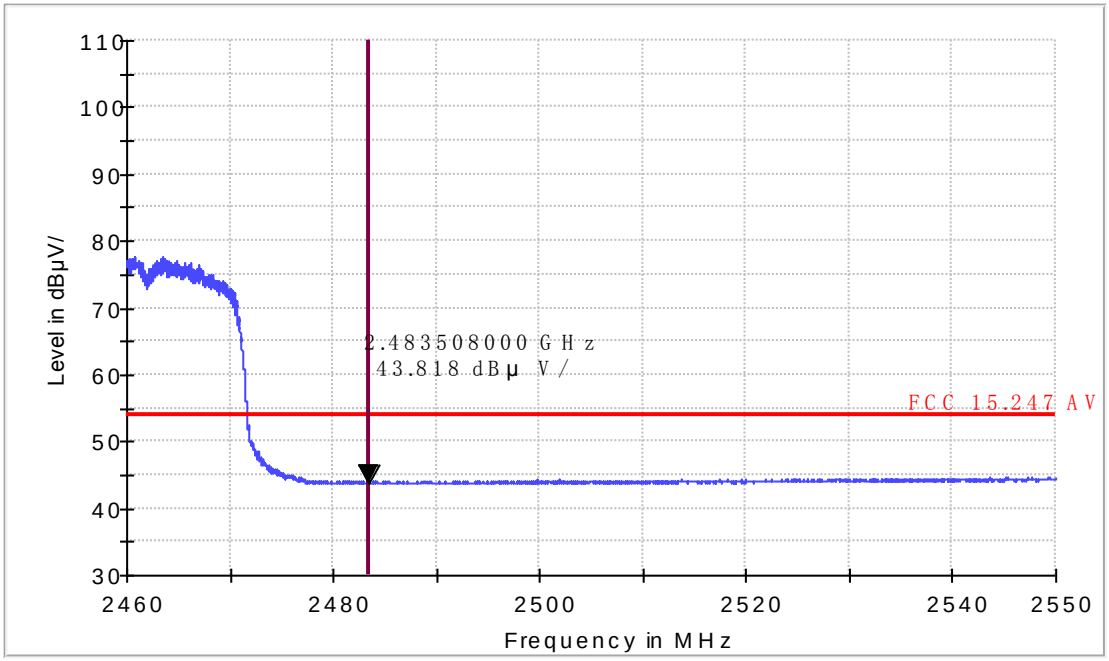
EUT Information

EUT Model Name:	MT10G
Operation mode:	Wifi 11n20 CH11
Test Voltage:	
Comment:	

Common Information

Test Site:	SMO EMC Lab.
Environment	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

FCC Electric Field Strength 2.4GHz Bandedge-AV



11. CONDUCTED EMISSION TEST FOR AC POWER PORT MEASUREMENT

11.1. Test Standard and Limit

11.1.1. Test Standard

FCC Part 15 15.207

11.1.2. Test Limit

Table 17 Conducted Disturbance Test Limit

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

* Decreasing linearly with logarithm of the frequency
* The lower limit shall apply at the transition frequency.

11.2. Test Procedure

The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI test receiver (R&S Test Receiver ESCS30) is used to test the emissions form both sides of AC line. According to the requirements of ANSI C63.10-2013.Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak and average detector mode.
The bandwidth of EMI test receiver is set at 9kHz.

11.3. Test Arrangement

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application. The detailed information refers to test picture.

11.4. Test Data

The emissions don’t show in below are too low against the limits. Refer to the test curves.

Table 18 Conducted Disturbance Test Data

Model No.: MT10G

Test mode: Transmitting

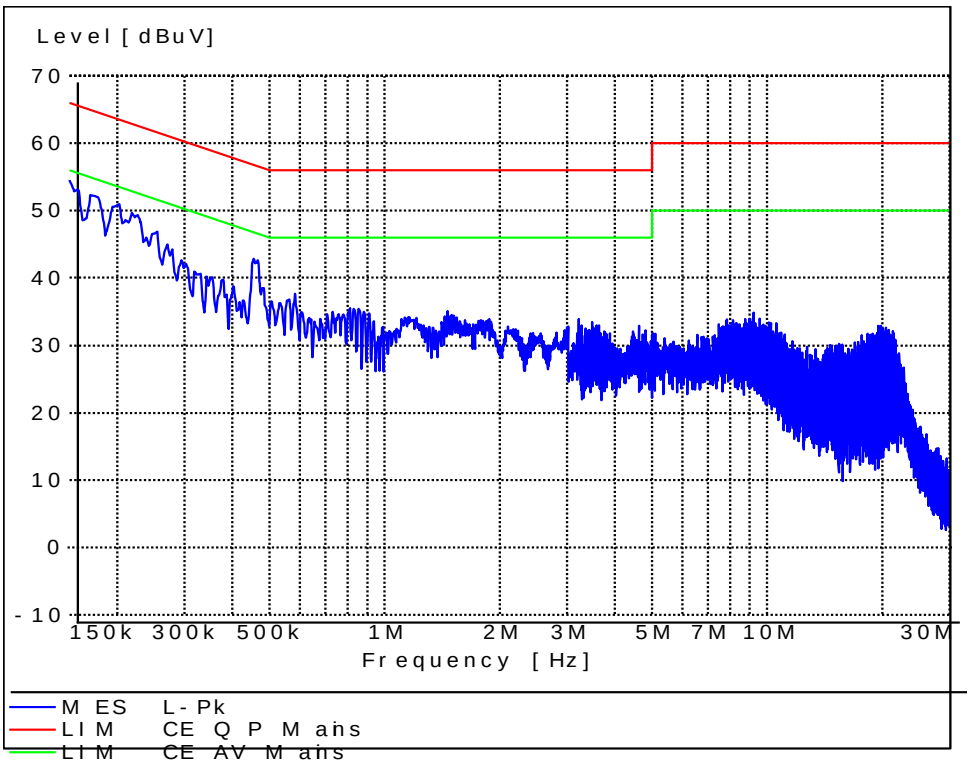
	Frequency (MHz)	Correction Factor (dB)	Quasi-Peak			Average		
			Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)
Line	0.15	9.7	41.3	51	66	25.6	35.3	56
	0.17	9.7	37.4	47.1	65.0	21.8	31.5	55.0
	0.202	9.7	36.7	46.4	63.5	22.0	31.7	53.5
	0.226	9.7	35.2	44.9	62.6	20.6	30.3	52.6
	0.446	9.7	30.4	40.1	56.9	27.5	37.2	46.9
	0.582	9.8	23.3	33.1	56	19.4	29.2	46
Neutral	0.15	9.7	43.0	52.7	66	25.8	35.5	56
	0.178	9.7	39.8	49.5	64.6	22.4	32.1	54.6
	0.202	9.7	471.3	481	63.5	20.2	29.9	53.5
	0.23	9.7	34.3	44	62.4	15.9	25.6	52.4
	0.278	9.7	32.2	41.9	60.9	14.2	23.9	50.9
	0.506	9.8	23.3	33.1	56	11.8	21.6	46

REMARKS: 1. Emission level(dBuV)=Read Value(dBuV) + Correction Factor(dB)

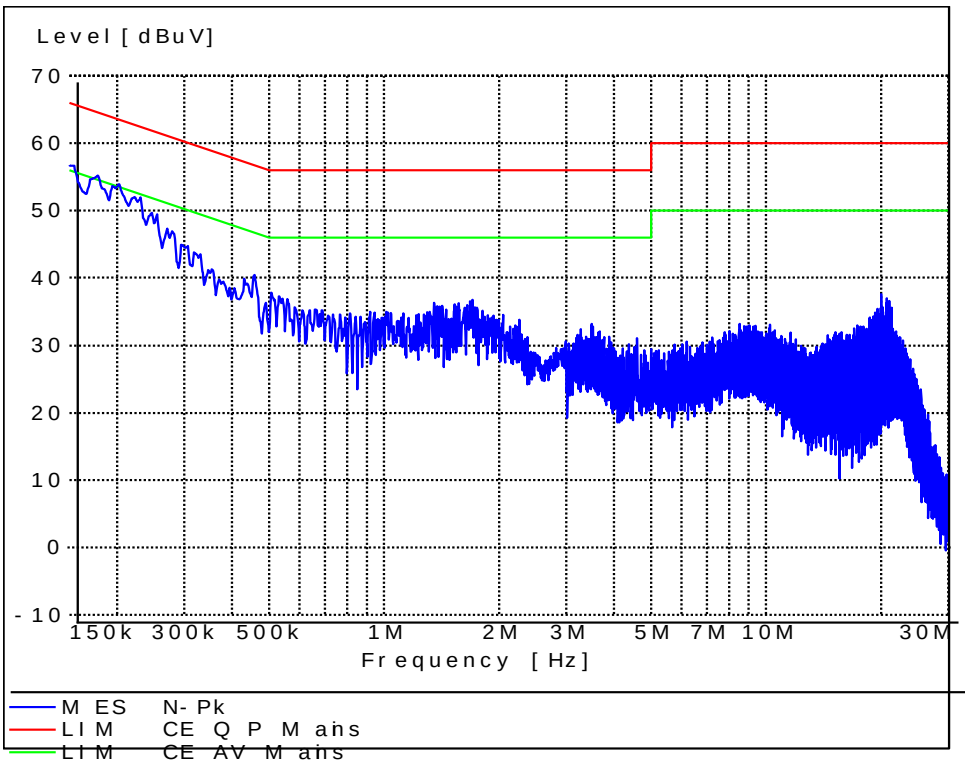
2. Correction Factor(dB) =LISN Factor (dB) + Cable Factor (dB)+Limiter Factor(dB)

3. The other emission levels were very low against the limit.

EUT: MT10G
Manufacturer:
Operating Condition: Transmitting
Test Site:
Operator:
Test Specification: L
Comment: AC 120V/60Hz



EUT: MT10G
Manufacturer:
Operating Condition: Transmitting
Test Site:
Operator:
Test Specification: N
Comment: AC 120V/60Hz



12. ANTENNA REQUIREMENTS

12.1. Applicable requirements

If directional gain of transmitting antennas is greater than 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi. For the fixed point-to-point operation, the power shall be reduced by one dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the FCC rule.

12.2. Antenna Connector

Antenna Connector is on the PCB within enclosure and not accessible to user.

12.3. Antenna Gain

The antenna gain of EUT is less than 6 dBi.