FCC PART 15.247

TEST REPORT

For

Motic China Group Co.,Ltd

Motic BLDG, TORCH HI-TECH INDUSTRIAL DEV ZONE, XIAMEN FUJIAN, CHINA, 361006

FCC ID: PVEM150I

Report Type:	**Product Name:**
Original Report	Digital Microscope

Report Number:	2407V46068E-RF-01
Report Date:	2024-12-20
Reviewed By:	Ash Lin
Approved By:	Miles Chen
Prepared By:	Bay Area Compliance Laboratories Corp. (Xiamen) Unit 102, No. 902 Meifeng South Road, Binhai West Avenue, Science and Technology Innovation Park, Torch High tech Zone XiaMen Tel: +86-592-3200111 www.baclcorp.com.cn

TABLE OF CONTENTS

REPORT REVISION HISTORY

Number of Revisions	Report No.	Version	Issue Date	Description
0	2407V46068E-RF-01	R1V1	2024-12-20	Initial Release

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Product Name:		Digital Microscope
Tested Model:		M150i
Power Supply:		AC 120V, 60Hz
Adapter Information	Model:	ICP30A-120-2500
	Input:	AC 100-240V, 50/60Hz, 0.8A
	Output:	DC 12V, 2.5A
Maximum Conducted Output Power:		18.46dBm
Frequency Range:		2412-2462 MHz
Modulation Technique:		802.11b: DSSS-DBPSK, DQPSK, CCK 802.11g/n: OFDM-BPSK, QPSK, 16QAM, 64QAM
Antenna Type:		FPC
Number of TX Chain(s)		2
Number of RX Chain(s)		2
★Maximum Antenna Gain:		3.4dBi
EUT Received Status:		Good
Note: *1. The Maximum Antenna Gain was declared by manufacturer.* *2. All measurement and test data in this report was gathered from production sample serial number: 2O27-1 (Assigned by the BACL(Xiamen). The EUT supplied by the applicant was received on 2024-06-15)*		

Objective

This report is prepared on behalf of *Motic China Group Co.,Ltd* in accordance with Part 2-Subpart J, Part 15-Subparts A and C of the Federal Communication Commission's rules.

The tests were performed in order to determine compliance with FCC Part 15, Subpart C, and section 15.203, 15.205, 15.207, 15.209 and 15.247 rules.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2013, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

And KDB 558074 D01 15.247 Meas Guidance v05r02.

All emissions measurement was performed at Bay Area Compliance Laboratories Corp. (Xiamen). The radiated testing was performed at an antenna-to-EUT distance of 3 meters.

Test Facility

The test site used by Bay Area Compliance Laboratories Corp. (Xiamen) to collect test data is located on the Unit 102, No. 902 Meifeng South Road, Binhai West Avenue, Science and Technology Innovation Park, Torch High tech Zone XiaMen.

Bay Area Compliance Laboratories Corp. (Xiamen) Lab is accredited to ISO/IEC 17025 by A2LA (Certificate Number: 7134.01) and the lab has been recognized as the FCC accredited lab under the KDB 974614 D01, the FCC Designation No. : CN1384.

Measurement Uncertainty

Item		U_{lab}
Conducted Emission	150kHz-30MHz	2.33 dB
Radiated Emission	9kHz-30MHz	2.59 dB
	30MHz~200MHz	4.38 dB
	200MHz~1GHz	4.50 dB
	1GHz~6GHz	4.58 dB
	6GHz-18GHz	5.43 dB
	18GHz~26.5GHz	5.47 dB
Occupied Channel Bandwidth		0.053 KHz
Transmitter Conducted Power(Conducted RF power)		0.624 dB
Power Spectral Density		0.61dB
Duty Cycle		1%
Temperature		1℃
Humidity		5%
Supply voltages		0.4%

Note: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

SYSTEM TEST CONFIGURATION

Test Mode and Voltage

The system was configured for testing in a typical mode (as normally used by a typical user).	
Test mode:	Transmitting
Test voltage:	AC 120V/60Hz
Remark:	During all emission tests, the EUT was configured to measure its highest possible emission level and the worst case's test data was presented in this test report.

Description of Test Configuration

For 802.11b, 802.11g, 802.11n-ht20, 802.11n-ht40 mode, 11 channels are provided to testing:

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

For 802.11b, 802.11g, 802.11n-ht20 mode, EUT was tested with Channel 1, 6 and 11.
For 802.11n-ht40 mode, EUT was tested with Channel 3, 6 and 9.

Equipment Modifications

No modification was made to the EUT tested.

★EUT Exercise Software

Wi-Fi test in the engineer mode.

RF Test Tool: REALTEK 11ac 8812AU USB WLAN NIC Massproduction Kit.exe

The device was tested with the worst case was performed as below:

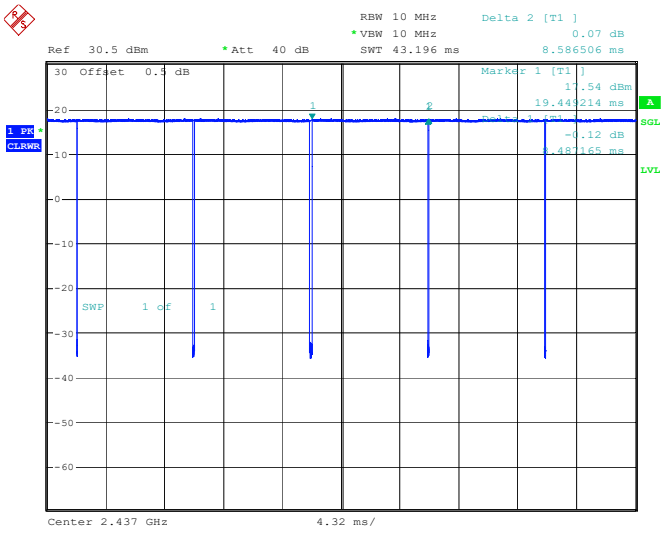
Mode	Data rate	Power level					
		Low channel		Middle channel		High channel	
		Chain 0 (Ant 1)	Chain 1 (Ant 2)	Chain 0 (Ant 1)	Chain 1 (Ant 2)	Chain 0 (Ant 1)	Chain 1 (Ant 2)
802.11b	1 Mbps	35	37	35	36	35	36
802.11g	6 Mbps	45	46	44	46	44	46
802.11n-ht20	MCS0	43	44	42	44	42	44
802.11n-ht40	MCS0	43	44	42	44	42	44

Note:
1. Pre-scan with all the data rates, the above data rate is the worst case for Wi-Fi test.
2. The device supports SISO in all modes, and MIMO 2T2R in 802.11n modes, per pretest. 2T2R mode was the worst mode and reported for 802.11n modes.

Duty cycle

Modes	Ton (ms)	Ton + off (ms)	Duty cycle (%)	1/T (Hz)	Duty Factor (dB)	VBW Setting (kHz)
802.11b	8.487	8.587	98.84	118	/	0.01
802.11g	1.406	1.517	92.68	711	0.33	1.00
802.11nHT20	0.678	0.833	81.39	1475	0.89	2.00
802.11nHT40	0.347	0.834	41.61	2882	3.81	3.00

802.11b Middle Channel



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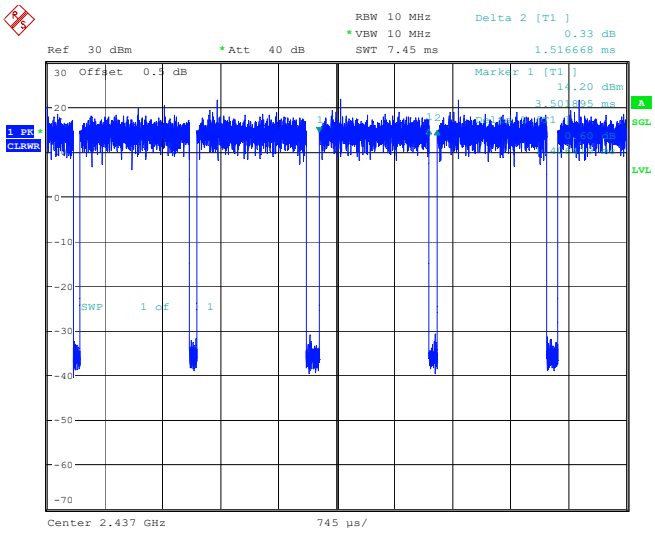
Date: 17.JUL.2024 16:53:21

802.11g Middle Channel



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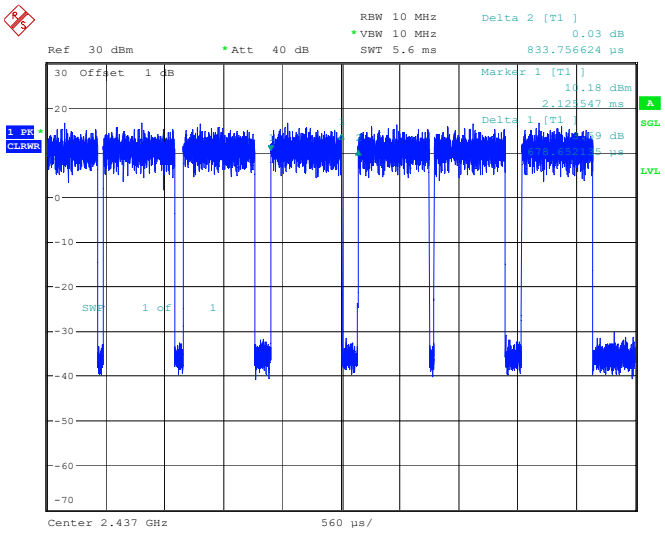
802.11nHT20 Middle Channel



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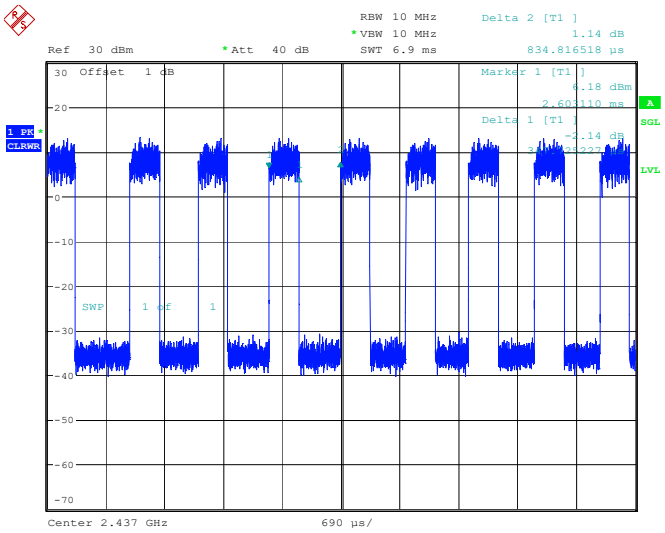
802.11nHT40 Middle Channel



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Date: 19.JUL.2024 10:00:34

Support Equipment List and Details

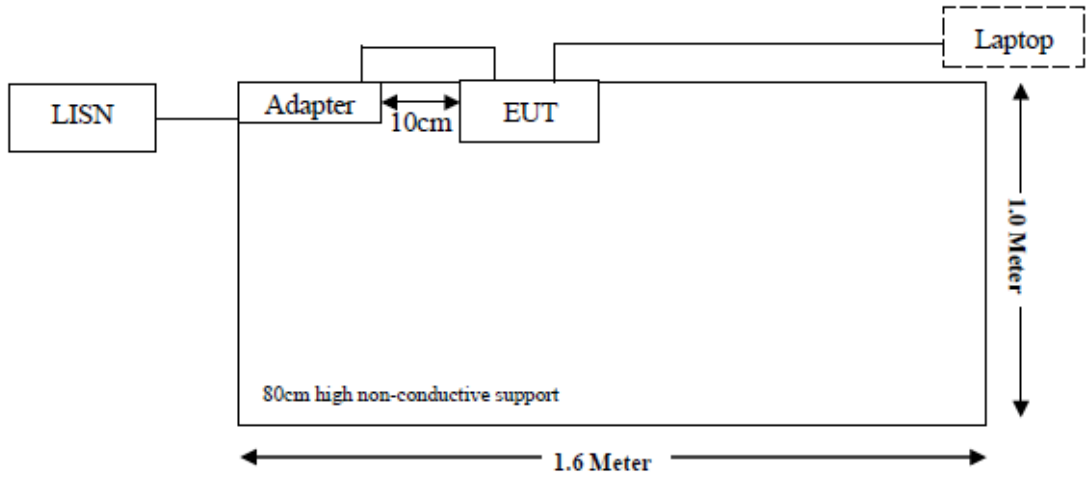
Manufacturer	Description	Model	Serial Number
Lenovo	Laptop	T480	PF1P5K4F

External I/O Cable

Cable Description	Length (m)	From Port	To
USB Cable	10	EUT	Laptop
Network cable	10	EUT	Laptop

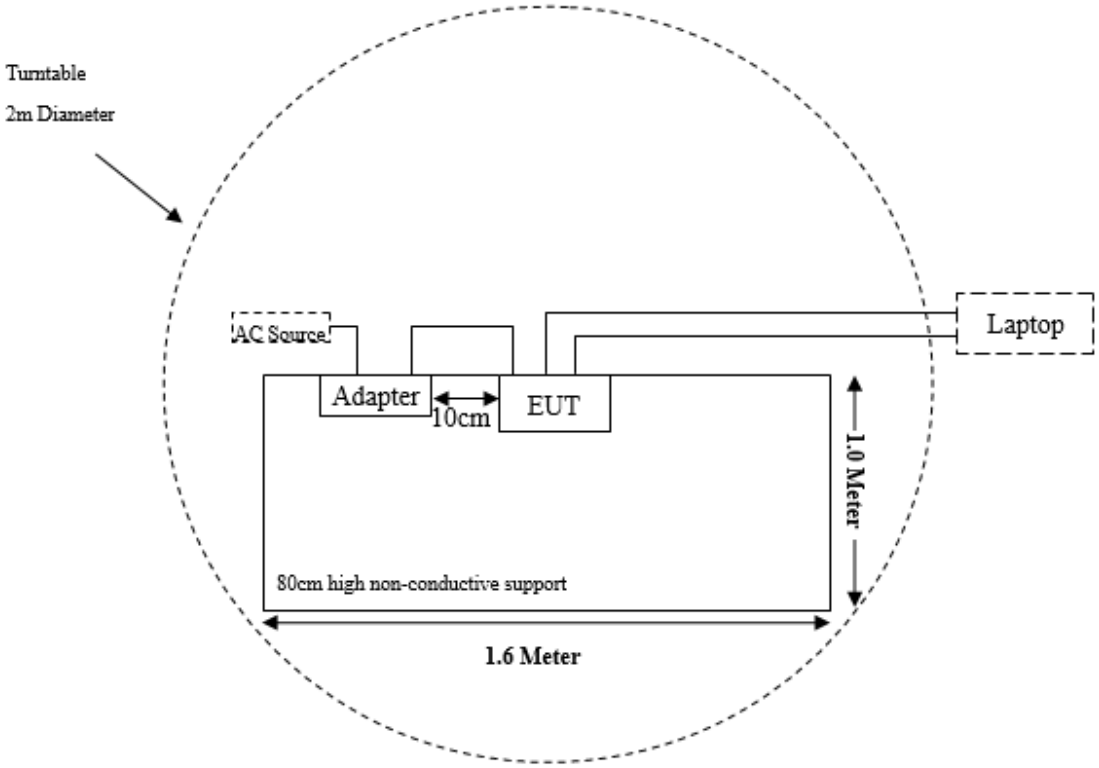
Block Diagram of Test Setup

Conducted Emission:

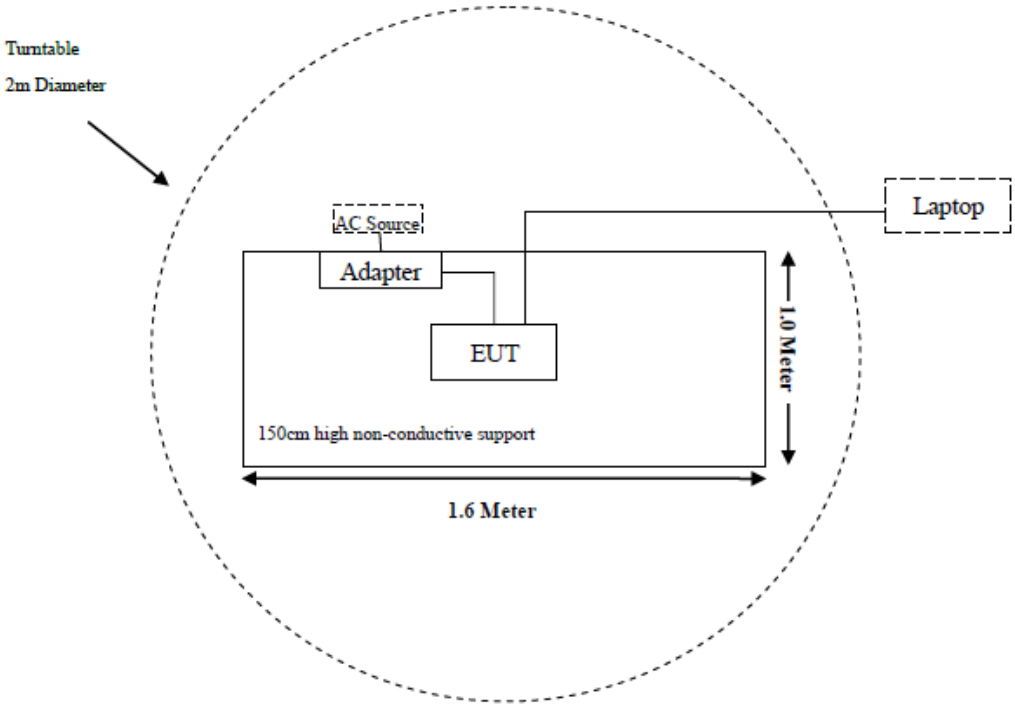


Radiated Emission:

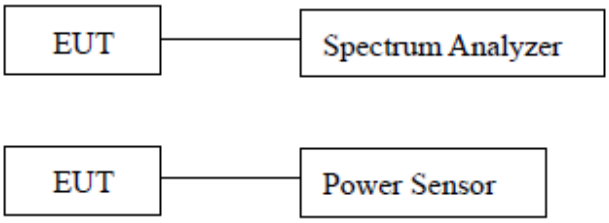
Below 1GHz



Above 1GHz



RF Conduction:



SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
§15.203	Antenna Requirement	Compliance
§15.207 (a)	AC Line Conducted Emissions	Compliance
§15.205, §15.209, §15.247(d)	Spurious Emissions	Compliance
§15.247 (a)(2)	6 dB Emission Bandwidth	Compliance
§15.247(b)(3)	Maximum Conducted Output Power	Compliance
§15.247(d)	100 kHz Bandwidth of Frequency Band Edge	Compliance
§15.247(e)	Power Spectral Density	Compliance

TEST EQUIPMENT LIST

Test Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due Date
Conducted Emissions					
EMI Test Receiver	Rohde & Schwarz	ESR	103105	2024/03/29	2025/03/28
LISN	Rohde & Schwarz	ENV216	100129	2024/03/29	2025/03/28
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	0357.8810.54	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH400T-N-4M	CC001	2024/03/29	2025/03/28
Test Software	Audix	E3	18621a	N/A	N/A
Radiated Emissions Below 1GHz					
EMI Test Receiver	Rohde & Schwarz	ESR	103103	2024/03/29	2025/03/28
Loop Antenna	Rohde & Schwarz	HFH2-Z2	830749/001	2023/07/27	2026/07/26
Antenna	Sunol Sciences	JB6	A122022-5	2023/07/27	2026/07/26
Amplifier	Sonoma	310B	120903	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH400T-N-4M	CC002	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH460B-N-2M	CC006	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH460B-N-12M	CC007	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	HFH2-CC	335.3609	2024/03/29	2025/03/28
Test Software	Audix	E3	18621a	N/A	N/A
Radiated Emissions Above 1 GHz					
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102051	2024/03/29	2025/03/28
Filter Switch Unit	Decentest	DT7220FSU	DS79904	2024/02/23	2025/02/22
Multiplex Switch Test Control Set	Decentest	DT7220SCU	DS79901	2024/02/23	2025/02/22
Double Ridge Guide Horn Antenna	A.H.Systems	SAS-571	1980	2023/07/28	2026/07/27
Preamplifier	A.H.Systems	PAM-0118P	489	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH800A-N-6M	CC003	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH800A-N-1M	CC005	2024/03/29	2025/03/28
Horn Antenna	EMCO	3116	9407-2232	2023/07/31	2026/07/30
Horn Antenna	EMCO	3115	9002-3355	2024/11/19	2027/11/18
Preamplifier	A.H.Systems	PAM-1840	200	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH360A-2.92-3M	CC008	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH360A-2.92-1M	CC009	2024/03/29	2025/03/28
Test Software	Audix	E3	18621a	N/A	N/A
RF Conducted Test					
Spectrum Analyzer	Rohde & Schwarz	FSU	100405	2024/03/29	2025/03/28
Coaxial Cable	N/A	N/A	N/A	Each time	N/A
Power Sensor	HP	8481A	PS20240325	2024/03/29	2025/03/28

*** Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Xiamen) attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

FCC §15.203 - ANTENNA REQUIREMENT

Applicable Standard

According to § 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. 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 provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the user of a standard antenna jack or electrical connector is prohibited. The structure and application of the EUT were analyzed to determine compliance with section §15.203 of the rules. §15.203 state that the subject device must meet the following criteria:

a. Antenna must be permanently attached to the unit.
b. Antenna must use a unique type of connector to attach to the EUT.
c. Unit must be professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

And according to FCC 47 CFR section 15.247 (b), if the transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Antenna Connector Construction

The EUT has two FPC antenna arrangement for WIFI, which was permanently attached and the antenna gain is 3.4 dBi, fulfill the requirement of this section. Please refer to the EUT photos.

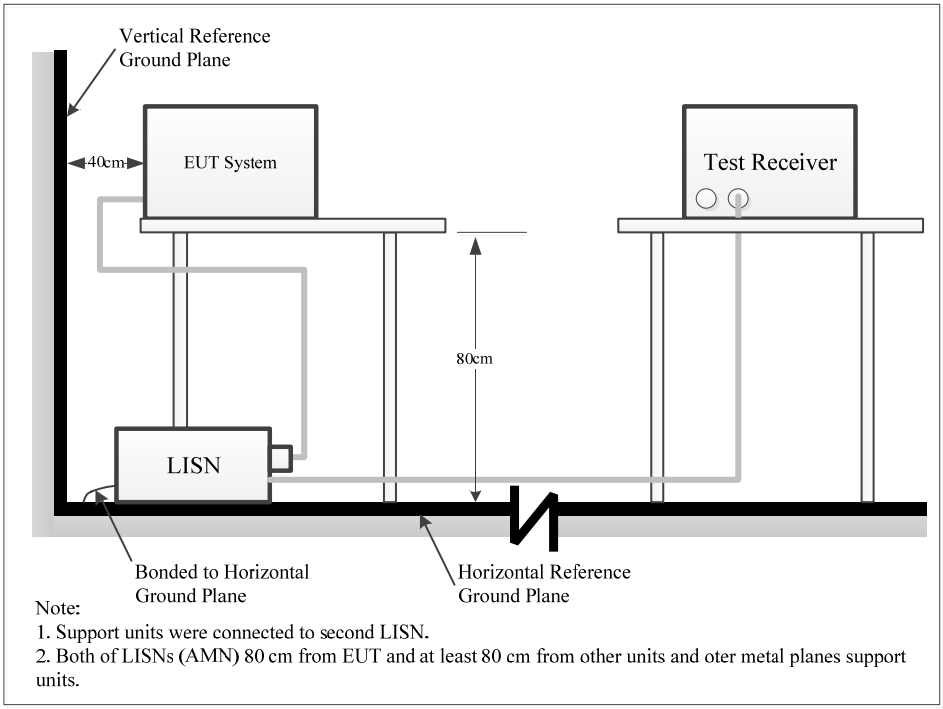
Result: Compliance

FCC §15.207 (a) – AC LINE CONDUCTED EMISSIONS

Applicable Standard

FCC§15.207

EUT Setup



Note:
1. Support units were connected to second LISN.
2. Both of LISNs (AMN) 80 cm from EUT and at least 80 cm from other units and oter metal planes support units.

The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.207 limits.

The spacing between the peripherals was 10 cm.

EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	RBW	VBW	Detector
150 kHz – 30 MHz	9 kHz	30 kHz	QP/AV

Test Procedure

During the conducted emission test, the adapter was connected to the outlet of the LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

All final data was recorded in the Quasi-peak and average detection mode.

Result &Margin Calculation

The Result is calculated by adding LISN VDF (Voltage Division Factor), Cable Loss and Transient Limiter Attenuation from the Meter Reading. The basic equation is as follows:

Factor (dB) = LISN VDF (dB) + Cable Loss (dB) + Transient Limiter Attenuation (dB)
Result (dBμV) = Reading (dBμV) + Factor (dB)

The "**Margin**" column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

Margin (dB) = Limit (dBμV) –Result (dBμV)

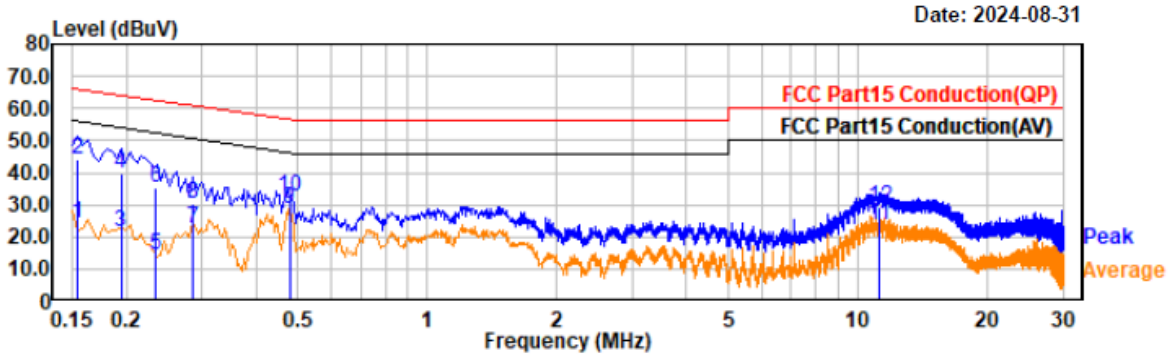
Test Data

Temperature:	24.8℃
Relative Humidity:	60 %
ATM Pressure:	100.1kPa
Test Date:	2024-08-31
Test Engineer:	Spike Gao

EUT operation mode: Transmitting in Wifi 802.11n40 low channel (worst case)

Project No.: 2407V46068E-RF
Test Mode: 11n40 2422
EUT Model: M150i

Temp/Humi/ATM: 24.8℃/60%/100.1kPa
Tested by: Spike Gao
Power Source: AC 120V/60Hz

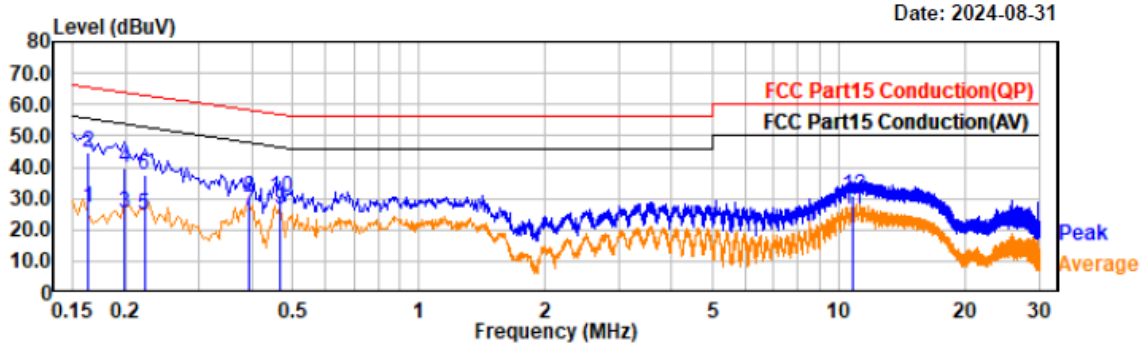


Trace: 1

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.15	3.07	21.06	24.13	55.76	31.63	Line	Average
0.15	23.19	21.06	44.25	65.76	21.51	Line	QP
0.19	0.07	21.24	21.31	53.85	32.54	Line	Average
0.19	18.52	21.24	39.76	63.85	24.09	Line	QP
0.23	-6.50	21.10	14.60	52.33	37.73	Line	Average
0.23	14.19	21.10	35.29	62.33	27.04	Line	QP
0.29	1.48	20.89	22.37	50.63	28.26	Line	Average
0.29	9.71	20.89	30.60	60.63	30.03	Line	QP
0.48	8.11	20.34	28.45	46.36	17.91	Line	Average
0.48	12.01	20.34	32.35	56.36	24.01	Line	QP
11.19	2.75	20.98	23.73	50.00	26.27	Line	Average
11.19	8.05	20.98	29.03	60.00	30.97	Line	QP

Project No.: 2407V46068E-RF
Test Mode: 11n40 2422
EUT Model: M150i

Temp/Humi/ATM: 24.8℃/60%/100.1kPa
Tested by: Spike Gao
Power Source: AC 120V/60Hz



Trace: 1

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.16	6.05	20.91	26.96	55.30	28.34	Neutral	Average
0.16	23.65	20.91	44.56	65.30	20.74	Neutral	QP
0.20	4.43	21.06	25.49	53.67	28.18	Neutral	Average
0.20	18.89	21.06	39.95	63.67	23.72	Neutral	QP
0.22	3.68	20.98	24.66	52.74	28.08	Neutral	Average
0.22	16.61	20.98	37.59	62.74	25.15	Neutral	QP
0.40	5.43	20.50	25.93	47.96	22.03	Neutral	Average
0.40	9.79	20.50	30.29	57.96	27.67	Neutral	QP
0.47	6.35	20.35	26.70	56.52	29.82	Neutral	Average
0.47	10.23	20.35	30.58	56.52	25.94	Neutral	QP
10.75	5.43	20.88	26.31	50.00	23.69	Neutral	Average
10.75	10.17	20.88	31.05	60.00	28.95	Neutral	QP

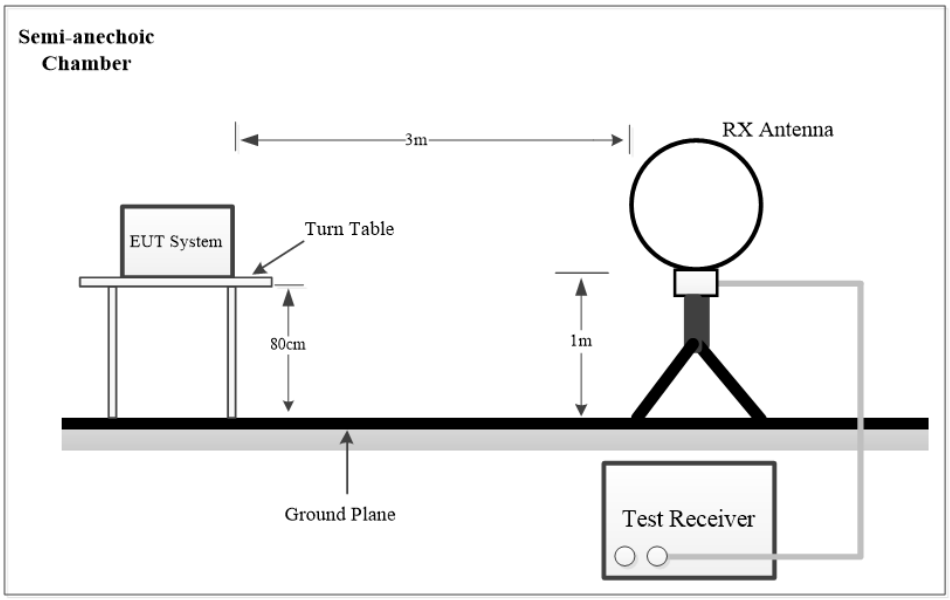
FCC §15.209, §15.205 & §15.247(d) - SPURIOUS EMISSIONS

Applicable Standard

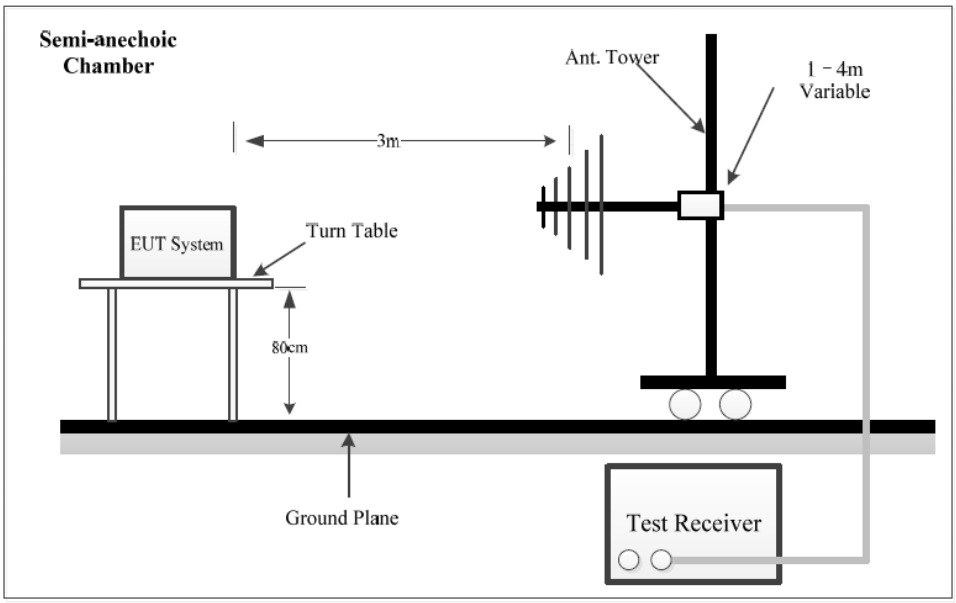
FCC §15.247 (d); §15.209; §15.205;

EUT Setup

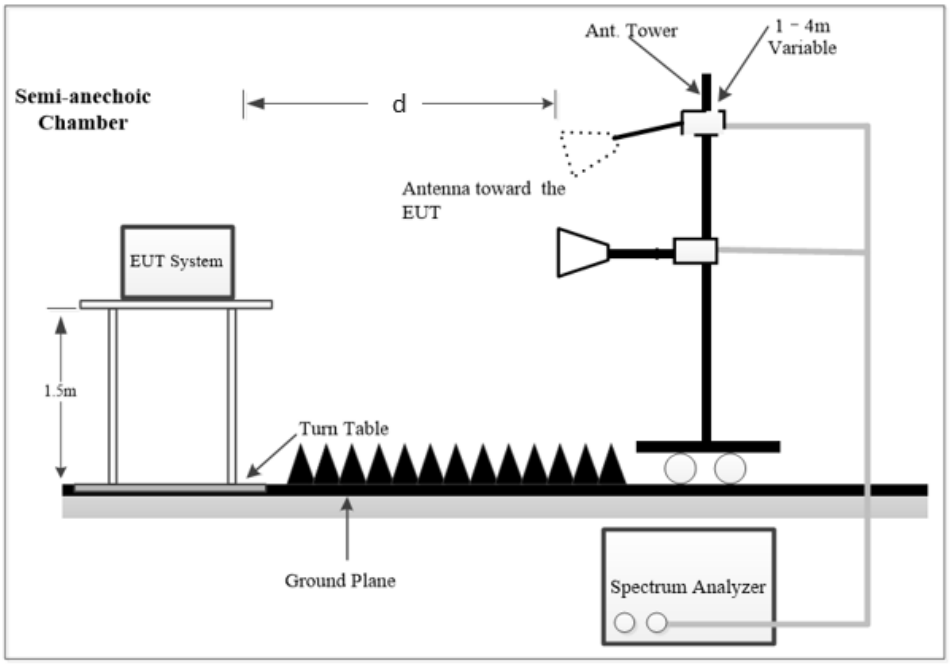
9 kHz-30MHz:



30MHz -1 GHz:



Above 1GHz:



The radiated emission tests using the setup accordance with the ANSI C63.10-2013. The specification used was the FCC 15.209, and FCC 15.247 limits.

NOTE:
d is testing distance;

For Radiated Emission test (1GHz-18GHz) and Bandedge Emission test, which was performed at 3 m distance.

For Radiated Emission test (18GHz-25GHz), which was performed at 1.0 m distance, according to ANSI C63.10-2013, the test result shall be extrapolated to the specified distance using an extrapolation Factor of 20dB/decade from 3m to 1.0m.
Distance extrapolation Factor =20 log (specific distance [3m]/test distance [1.0m]) dB= 9.54 dB

EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 9 kHz to 25 GHz.

During the radiated emission test, the EMI test receiver & Spectrum Analyzer Setup were set with the following configurations:

Below 1GHz:

Frequency Range	RBW	VBW	IF B/W	Measurement
9 kHz – 150 kHz	200Hz	1 kHz	/	PK
	/	/	200Hz	QP
150 kHz – 30 MHz	10 kHz	30 kHz	/	PK
	/	/	9kHz	QP
30 MHz – 1000 MHz	100 kHz	300 kHz	/	PK
	/	/	120kHz	QP

Above 1GHz:
Pre-scan:

Duty Cycle	RBW	VBW	Measurement	Detector
Any	1MHz	3MHz	PK	PK
＞98%	1MHz	5kHz	AV	PK
＜98%	1MHz	1/T, not less than 5kHz	AV	PK

Final measurement for emission identified during the pre-scan:

Duty Cycle	RBW	VBW	Measurement	Detector
Any	1MHz	3MHz	PK	PK
＞98%	1MHz	10Hz	AV	PK
＜98%	1MHz	1/T	AV	PK

Test Procedure

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

For each measurement antenna alignment, the EUT shall be rotated through 0° to 360° on a turntable. The report shall list the six emissions with the smallest margin relative to the limit, for each of the three antenna orientations (parallel, perpendicular, and ground parallel) unless the margin is greater than 20 dB, then the following statement shall be made: “all emissions were greater than 20 dB below the limit.”

Below 1GHz, if the measured peak level of the emissions that the measuring receiver reading level plus corrected factor is at least 10 dB below the QP emission limit, there's no need to record the measured QP level of the emissions in the report.

Above 1GHz,if the measured peak level of the emissions that the measuring receiver reading level plus corrected factor is at least 6 dB below the AV emission limit, there's no need to record the measured AV level of the emissions in the report.

Result &Margin Calculation

The Result is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain from the Meter Reading. The basic equation is as follows:

For 9 kHz to 18GHz Radiated emission test
Factor (dB/m) =Antenna Factor (dB/m) + Cable Loss (dB) - Amplifier Gain (dB)

For 18GHz to 25GHz Radiated emission test and Bandedge emissions test
Factor (dB/m) =Antenna Factor (dB/m) + Cable Loss (dB) - Amplifier Gain (dB) - Extrapolation factor (dB)

Extrapolation factor=9.54dB (distance=1m)

Result (dBμV/m) = Reading (dBμV) + Factor (dB/m)

The "**Margin**" column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

Margin (dB) = Limit (dBμV/m) –Result (dBμV/m)

Test Data

Please refer to the below table and plots.

Frequency Range:	Below 1 GHz	Above 1 GHz
Temperature:	23.1℃~23.5℃	23.1℃~23.5℃
Relative Humidity:	52%~54%	50%~54%
ATM Pressure:	100.1kPa ~100.5kPa	100.1kPa~100.5kPa
Test Date:	2024-8-30~2024-11-12	2024-11-11~2024-12-06
Test Engineer:	Wlif Wu	Wlif Wu

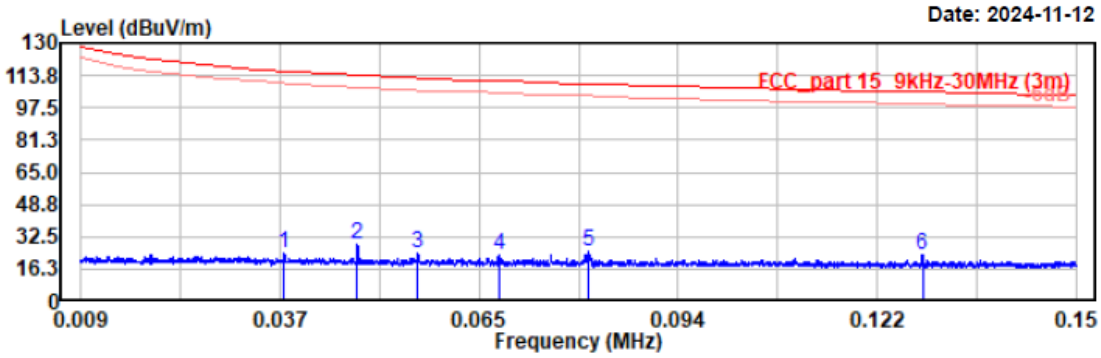
1) 9 kHz~30MHz

Pre-scan in parallel, ground-parallel and perpendicular of orientation of loop antenna, ground-parallel is worst case

EUT operation mode: Transmitting in Wifi 802.11n40 low channel in parallel (worst case)

Project No.: 2407V46068E-RF
Test Mode: 802.11n40 2422MHz
EUT Model: M150i
Test distance: 3m

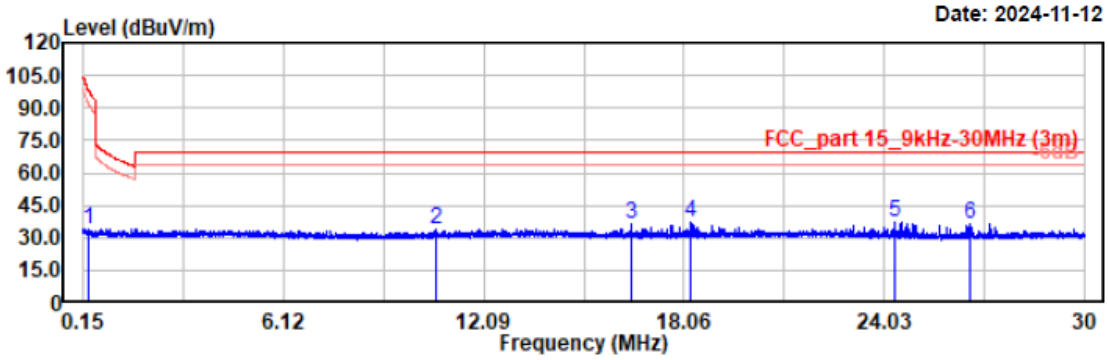
Temp/Humi/ATM: 23.5℃/54%/100.5kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.038	4.31	19.91	24.22	116.06	91.84	Peak
0.048	8.58	19.91	28.49	113.96	85.47	Peak
0.057	4.67	19.91	24.58	112.55	87.97	Peak
0.068	3.28	19.83	23.11	110.93	87.82	Peak
0.081	5.56	19.72	25.28	109.45	84.17	Peak
0.128	3.92	19.73	23.65	105.45	81.80	Peak

Project No.: 2407V46068E-RF
Test Mode: 802.11n40 2422MHz
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.5℃/54%/100.5kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



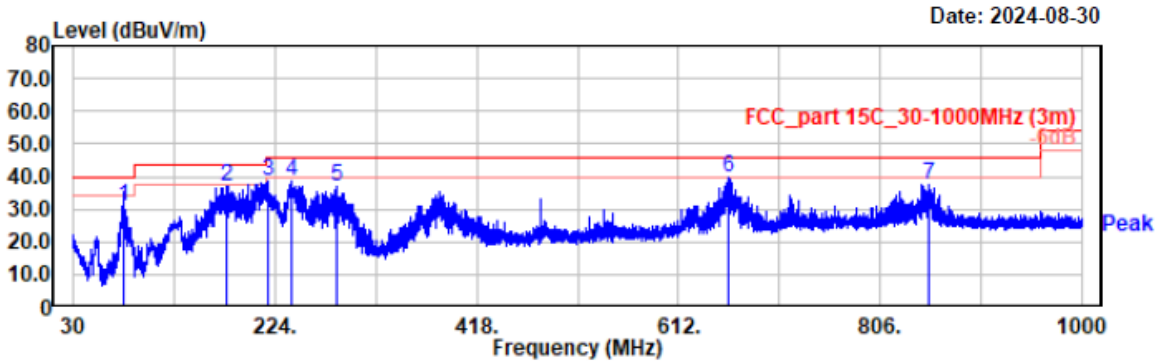
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.305	14.40	19.73	34.13	97.91	63.78	Peak
10.681	14.00	19.71	33.71	69.54	35.83	Peak
16.472	16.77	19.86	36.63	69.54	32.91	Peak
18.245	17.33	19.97	37.30	69.54	32.24	Peak
24.352	16.88	20.21	37.09	69.54	32.45	Peak
26.612	16.08	20.14	36.22	69.54	33.32	Peak

2) 30 MHz-1GHz

EUT operation mode: Transmitting in Wifi 802.11n40 low channel (worst case)

Project No.: 2407V46068E-RF
Test Mode: 11n40-2422
EUT Model: M150i
Test distance: 3m

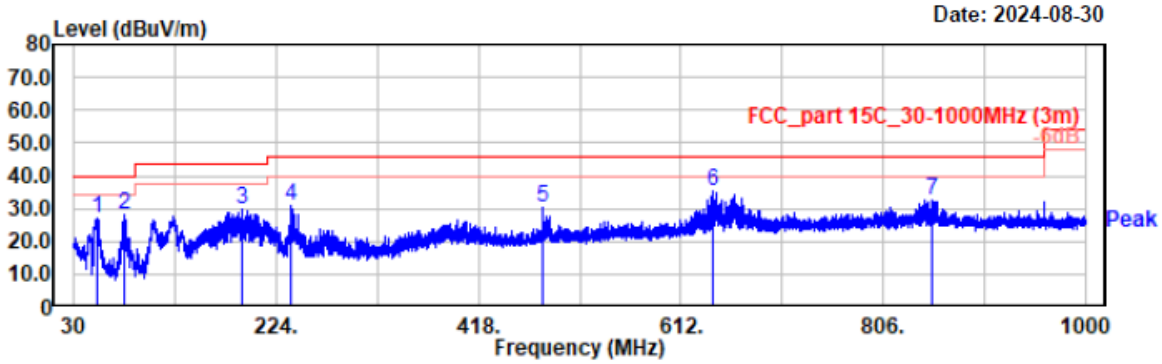
Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
78.02	48.11	-17.11	31.00	40.00	9.00	Horizontal	QP
178.12	49.36	-12.19	37.17	43.50	6.33	Horizontal	QP
217.60	51.15	-12.67	38.48	46.00	7.52	Horizontal	QP
240.01	50.16	-11.69	38.47	46.00	7.53	Horizontal	QP
283.56	46.19	-9.29	36.90	46.00	9.10	Horizontal	QP
660.79	40.65	-0.85	39.80	46.00	6.20	Horizontal	QP
852.66	35.68	1.95	37.63	46.00	8.37	Horizontal	QP

Project No.: 2407V46068E-RF
Test Mode: 11n40-2422
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



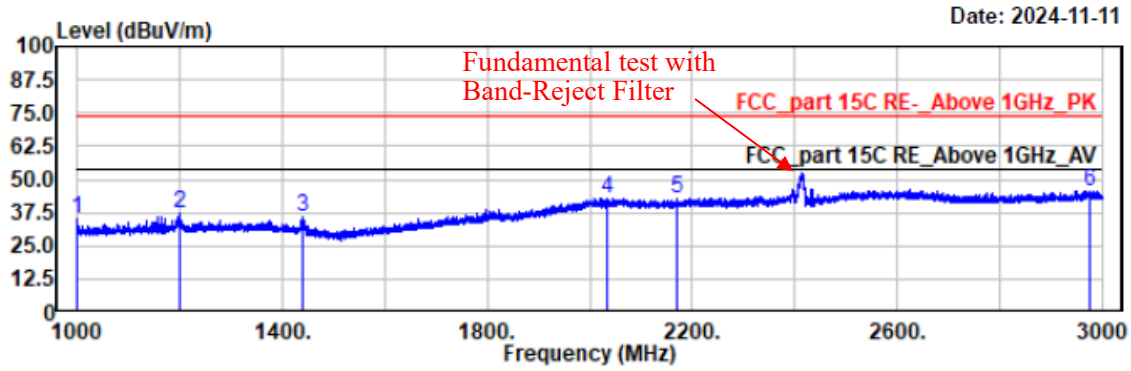
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
52.80	45.03	-17.72	27.31	40.00	12.69	Vertical	QP
78.69	45.41	-17.03	28.38	40.00	11.62	Vertical	QP
191.41	41.76	-12.17	29.59	43.50	13.91	Vertical	QP
238.74	42.82	-11.78	31.04	46.00	14.96	Vertical	QP
479.98	34.09	-3.83	30.26	46.00	15.74	Vertical	QP
642.56	36.63	-1.07	35.56	46.00	10.44	Vertical	QP
853.34	30.74	1.95	32.69	46.00	13.31	Vertical	QP

3) 1GHz~3GHz

EUT operation mode: Transmitting in Wifi 802.11b low channel with Chain 0(Ant 1).

Project No.: 2407V46068E-RF
Test Mode: 11b-2412
EUT Model: M150i
Test distance: 3m

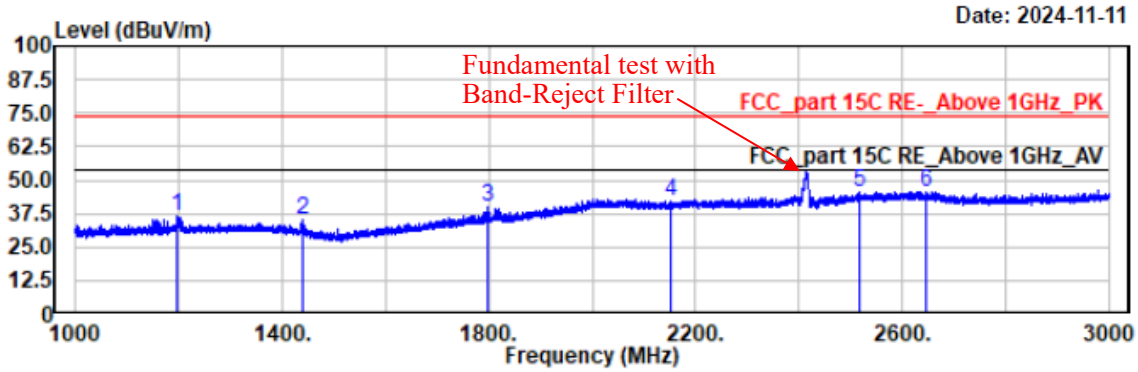
Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1000.00	52.29	-17.24	35.05	74.00	38.95	horizontal	Peak
1199.40	53.46	-16.05	37.41	74.00	36.59	horizontal	Peak
1440.00	52.45	-16.84	35.61	74.00	38.39	horizontal	Peak
2033.00	49.05	-6.24	42.81	74.00	31.19	horizontal	Peak
2170.00	49.45	-6.54	42.91	74.00	31.09	horizontal	Peak
2976.00	49.94	-4.11	45.83	74.00	28.17	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11b-2412
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

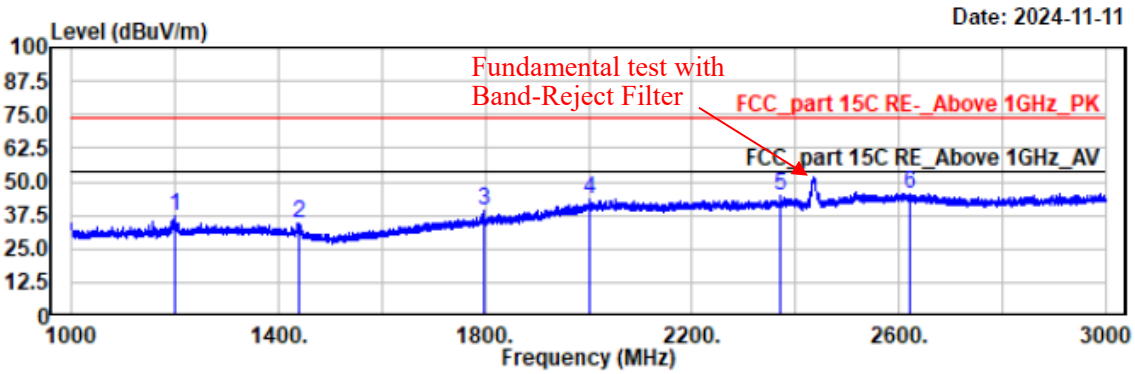


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1197.40	52.80	-16.07	36.73	74.00	37.27	vertical	Peak
1440.20	52.19	-16.84	35.35	74.00	38.65	vertical	Peak
1797.40	51.55	-11.63	39.92	74.00	34.08	vertical	Peak
2151.80	49.02	-6.71	42.31	74.00	31.69	vertical	Peak
2516.60	49.66	-3.92	45.74	74.00	28.26	vertical	Peak
2645.20	49.04	-3.36	45.68	74.00	28.32	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11b middle channel with Chain 0(Ant 1).

Project No.: 2407V46068E-RF
Test Mode: 11b-2437
EUT Model: M150i
Test distance: 3m

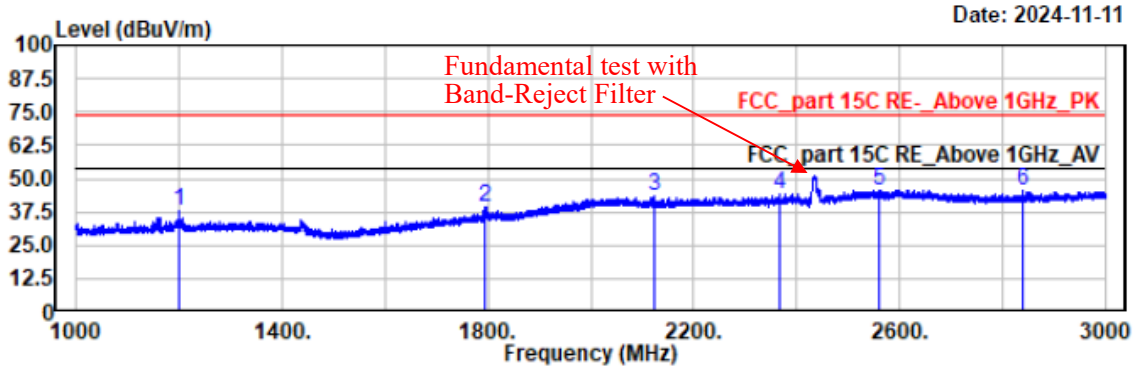
Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1201.00	53.30	-16.04	37.26	74.00	36.74	horizontal	Peak
1440.40	51.24	-16.85	34.39	74.00	39.61	horizontal	Peak
1797.00	50.76	-11.63	39.13	74.00	34.87	horizontal	Peak
2001.40	50.36	-6.73	43.63	74.00	30.37	horizontal	Peak
2370.80	50.47	-5.58	44.89	74.00	29.11	horizontal	Peak
2621.60	49.02	-3.33	45.69	74.00	28.31	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11b-2437
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

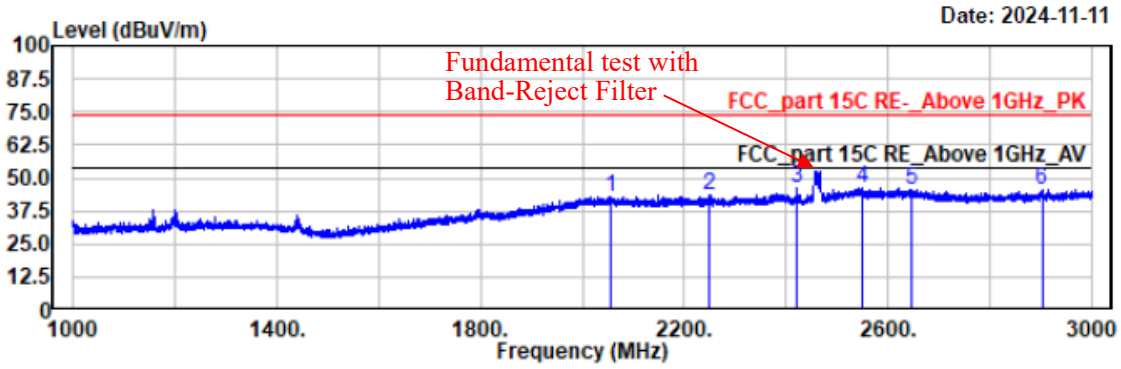


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1199.80	53.65	-16.05	37.60	74.00	36.40	vertical	Peak
1793.20	51.22	-11.72	39.50	74.00	34.50	vertical	Peak
2124.60	50.00	-6.73	43.27	74.00	30.73	vertical	Peak
2368.40	49.87	-5.61	44.26	74.00	29.74	vertical	Peak
2561.80	49.09	-3.43	45.66	74.00	28.34	vertical	Peak
2839.80	50.04	-4.57	45.47	74.00	28.53	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11b high channel with Chain 0(Ant 1).

Project No.: 2407V46068E-RF
Test Mode: 11b-2462
EUT Model: M150i
Test distance: 3m

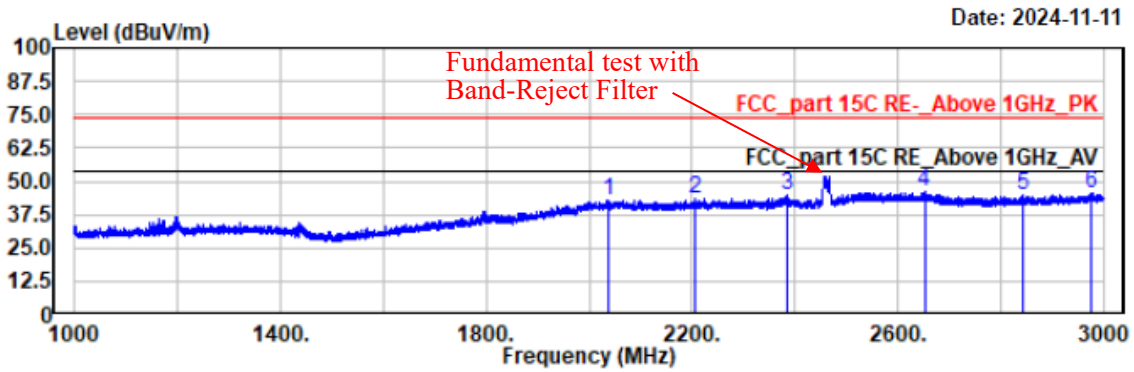
Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2055.60	48.95	-6.07	42.88	74.00	31.12	horizontal	Peak
2250.60	49.80	-6.25	43.55	74.00	30.45	horizontal	Peak
2419.80	51.22	-5.16	46.06	74.00	27.94	horizontal	Peak
2549.00	49.69	-3.47	46.22	74.00	27.78	horizontal	Peak
2647.40	49.21	-3.36	45.85	74.00	28.15	horizontal	Peak
2902.20	49.70	-4.38	45.32	74.00	28.68	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11b-2462
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

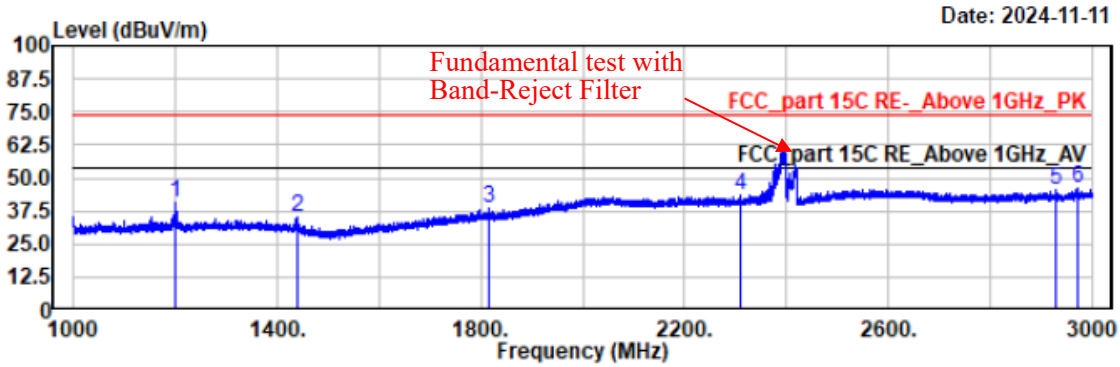


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2039.00	49.15	-6.15	43.00	74.00	31.00	vertical	Peak
2204.40	49.47	-6.25	43.22	74.00	30.78	vertical	Peak
2386.40	49.89	-5.37	44.52	74.00	29.48	vertical	Peak
2651.60	49.37	-3.41	45.96	74.00	28.04	vertical	Peak
2843.80	49.34	-4.56	44.78	74.00	29.22	vertical	Peak
2977.00	49.67	-4.10	45.57	74.00	28.43	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11g low channel with Chain 0(Ant 1).

Project No.: 2407V46068E-RF
Test Mode: 11g-2412
EUT Model: M150i
Test distance: 3m

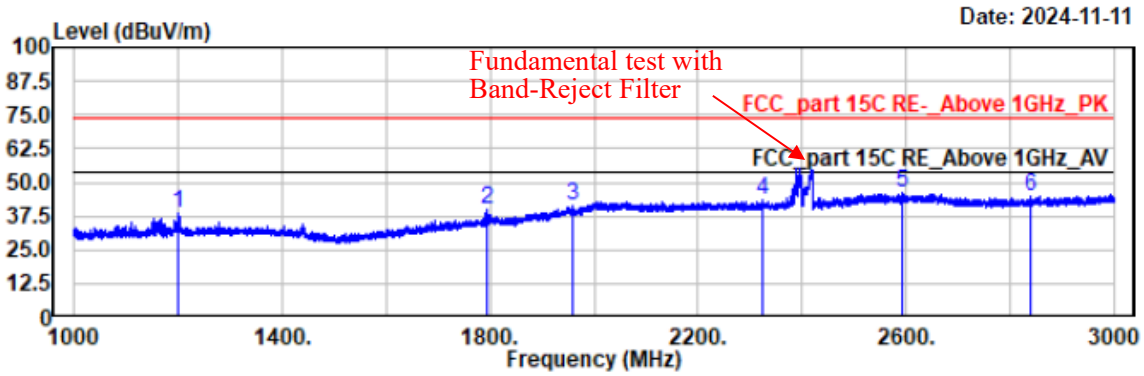
Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1201.20	56.97	-16.03	40.94	74.00	33.06	horizontal	Peak
1440.80	51.79	-16.86	34.93	74.00	39.07	horizontal	Peak
1814.40	50.30	-11.48	38.82	74.00	35.18	horizontal	Peak
2310.20	49.69	-6.24	43.45	74.00	30.55	horizontal	Peak
2929.00	49.55	-4.28	45.27	74.00	28.73	horizontal	Peak
2972.60	50.43	-4.12	46.31	74.00	27.69	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11g-2412
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

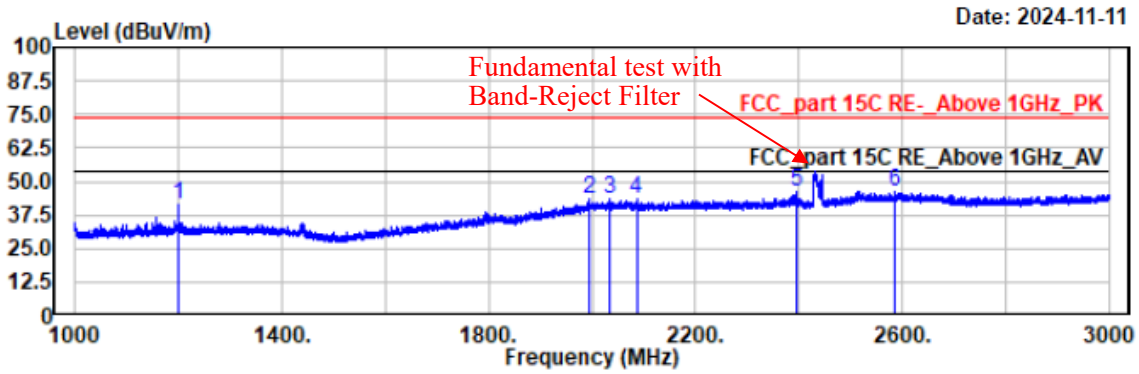


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1198.40	54.72	-16.06	38.66	74.00	35.34	vertical	Peak
1794.80	51.35	-11.68	39.67	74.00	34.33	vertical	Peak
1959.00	49.72	-8.18	41.54	74.00	32.46	vertical	Peak
2324.00	49.55	-6.10	43.45	74.00	30.55	vertical	Peak
2593.60	49.35	-3.32	46.03	74.00	27.97	vertical	Peak
2840.80	49.10	-4.57	44.53	74.00	29.47	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11g middle channel with Chain 0(Ant 1).

Project No.: 2407V46068E-RF
Test Mode: 11g-2437
EUT Model: M150i
Test distance: 3m

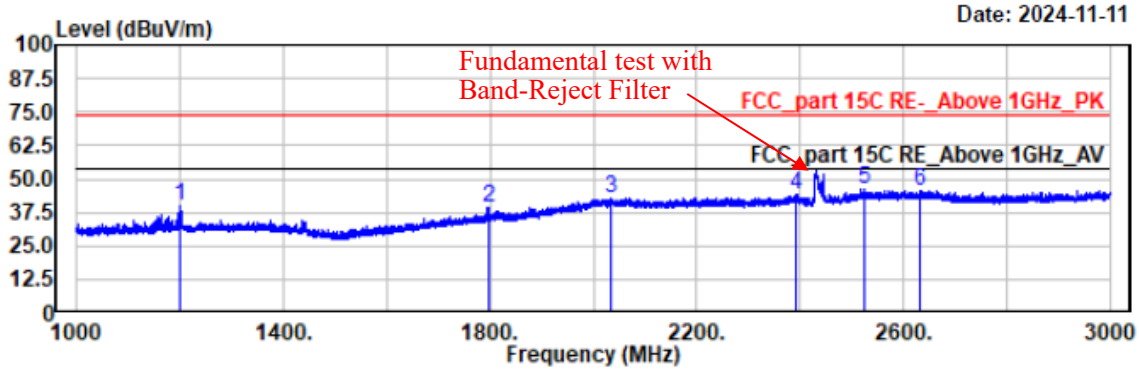
Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1201.00	57.13	-16.04	41.09	74.00	32.91	horizontal	Peak
1994.20	50.18	-6.96	43.22	74.00	30.78	horizontal	Peak
2035.40	49.83	-6.21	43.62	74.00	30.38	horizontal	Peak
2086.00	49.81	-6.52	43.29	74.00	30.71	horizontal	Peak
2397.00	51.74	-5.22	46.52	74.00	27.48	horizontal	Peak
2585.20	49.70	-3.35	46.35	74.00	27.65	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11g-2437
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

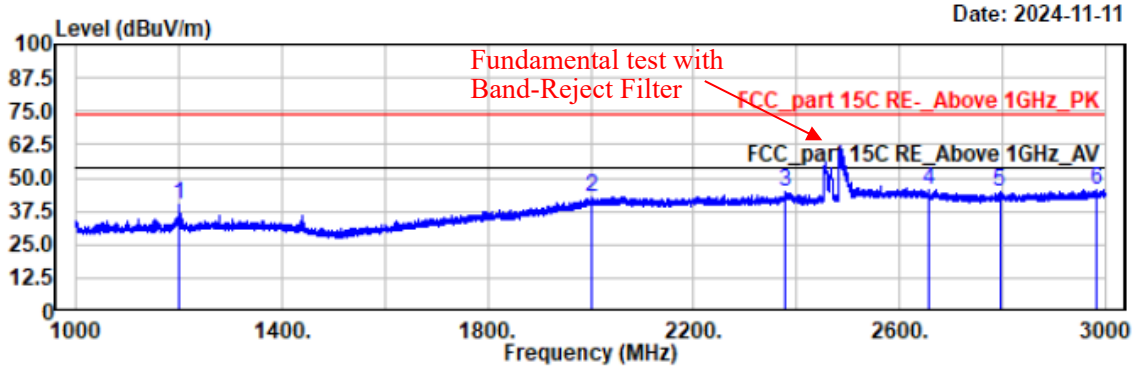


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1199.00	56.27	-16.06	40.21	74.00	33.79	vertical	Peak
1796.60	51.13	-11.64	39.49	74.00	34.51	vertical	Peak
2035.00	48.82	-6.22	42.60	74.00	31.40	vertical	Peak
2392.00	49.43	-5.29	44.14	74.00	29.86	vertical	Peak
2524.60	49.83	-3.82	46.01	74.00	27.99	vertical	Peak
2631.00	48.86	-3.34	45.52	74.00	28.48	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11g high channel with Chain 0(Ant 1).

Project No.: 2407V46068E-RF
Test Mode: 11G-2462
EUT Model: M150i
Test distance: 3m

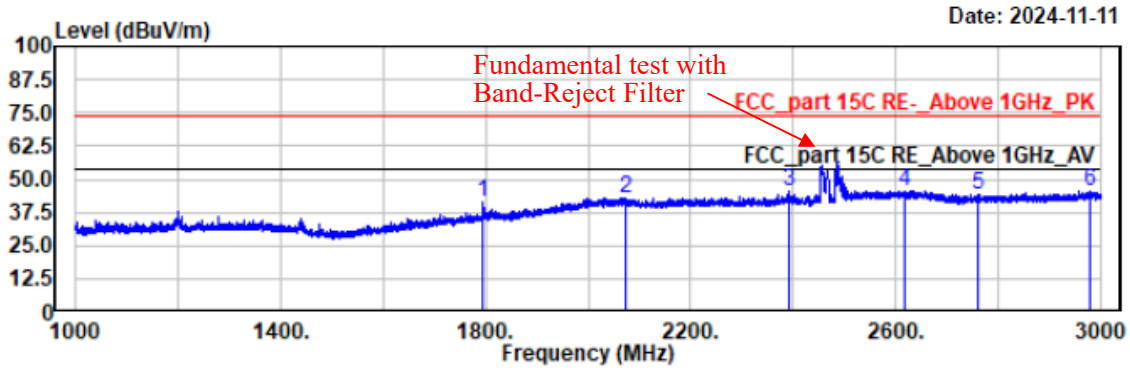
Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1201.20	56.19	-16.03	40.16	74.00	33.84	horizontal	Peak
2000.20	49.47	-6.75	42.72	74.00	31.28	horizontal	Peak
2379.00	49.96	-5.47	44.49	74.00	29.51	horizontal	Peak
2658.20	49.02	-3.58	45.44	74.00	28.56	horizontal	Peak
2794.80	49.81	-4.71	45.10	74.00	28.90	horizontal	Peak
2984.00	49.92	-4.08	45.84	74.00	28.16	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11G-2462
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

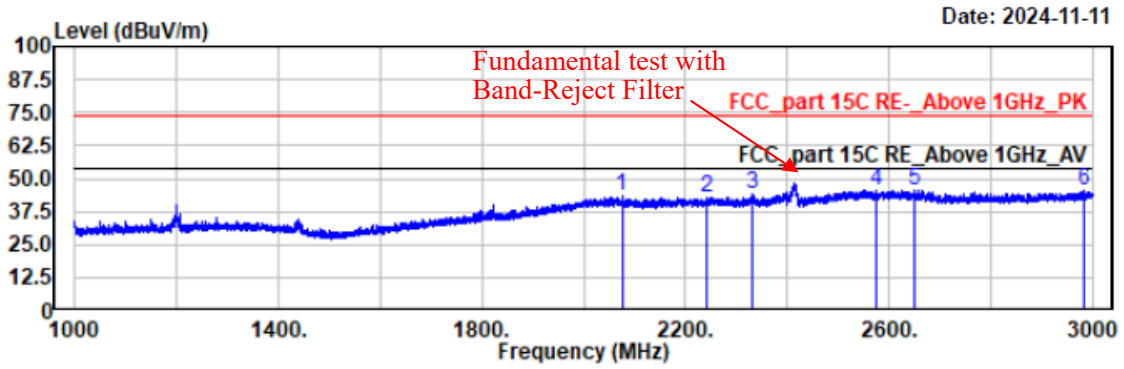


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1794.80	53.16	-11.68	41.48	74.00	32.52	vertical	Peak
2072.20	49.41	-6.31	43.10	74.00	30.90	vertical	Peak
2392.40	50.78	-5.29	45.49	74.00	28.51	vertical	Peak
2617.00	49.07	-3.32	45.75	74.00	28.25	vertical	Peak
2761.60	49.07	-4.79	44.28	74.00	29.72	vertical	Peak
2979.60	49.46	-4.09	45.37	74.00	28.63	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11b low channel with Chain 1(Ant 2).

Project No.: 2407V46068E-RF
Test Mode: 11b-2412
EUT Model: M150i
Test distance: 3m

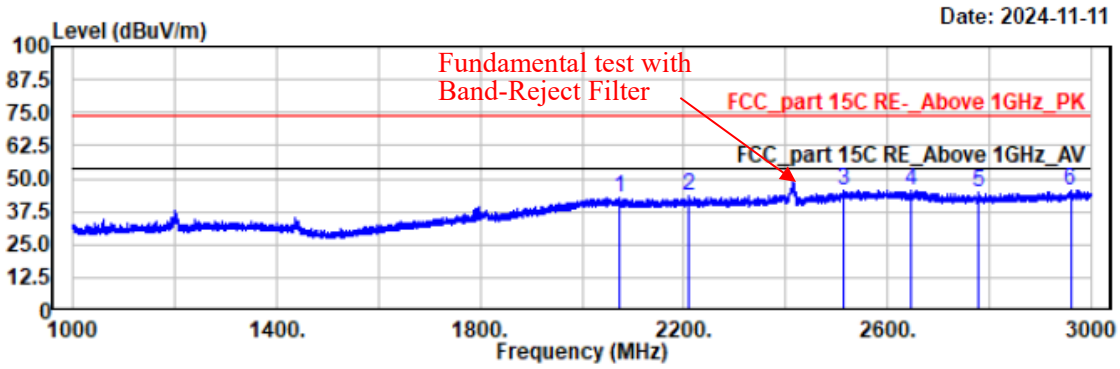
Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2075.20	49.76	-6.36	43.40	74.00	30.60	horizontal	Peak
2243.40	49.26	-6.24	43.02	74.00	30.98	horizontal	Peak
2332.00	50.33	-6.03	44.30	74.00	29.70	horizontal	Peak
2574.20	49.07	-3.38	45.69	74.00	28.31	horizontal	Peak
2650.40	49.04	-3.38	45.66	74.00	28.34	horizontal	Peak
2984.20	49.50	-4.08	45.42	74.00	28.58	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11b-2412
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

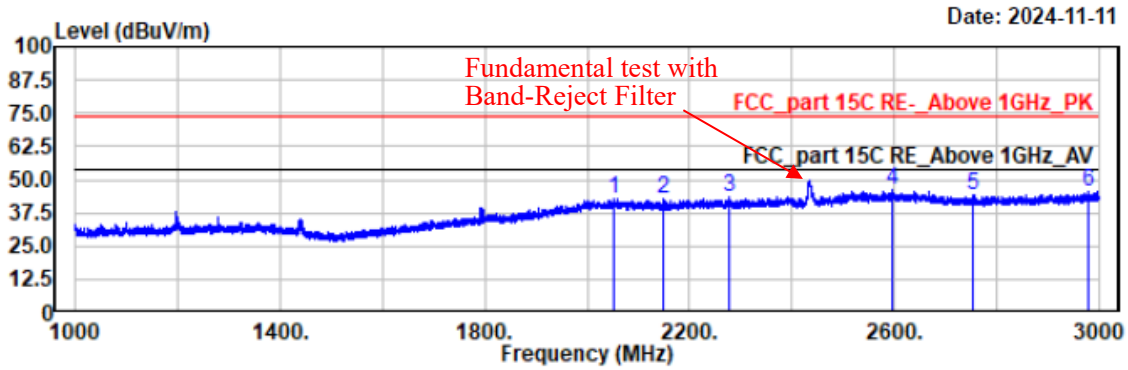


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2073.60	48.83	-6.34	42.49	74.00	31.51	vertical	Peak
2209.40	49.74	-6.25	43.49	74.00	30.51	vertical	Peak
2512.40	49.14	-3.97	45.17	74.00	28.83	vertical	Peak
2644.80	48.59	-3.36	45.23	74.00	28.77	vertical	Peak
2779.40	49.44	-4.74	44.70	74.00	29.30	vertical	Peak
2959.60	49.52	-4.17	45.35	74.00	28.65	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11b middle channel with Chain 1(Ant 2).

Project No.: 2407V46068E-RF
Test Mode: 11b-2437
EUT Model: M150i
Test distance: 3m

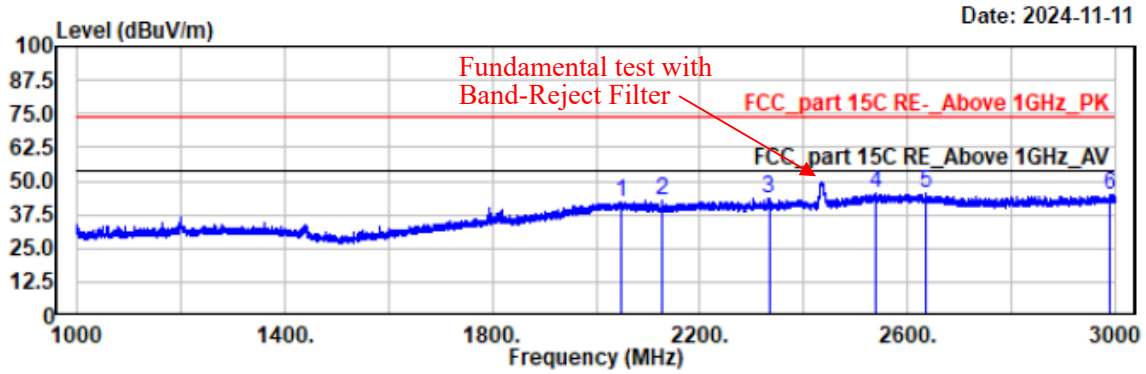
Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2051.80	48.98	-6.01	42.97	74.00	31.03	horizontal	Peak
2149.00	49.68	-6.74	42.94	74.00	31.06	horizontal	Peak
2277.80	49.58	-6.28	43.30	74.00	30.70	horizontal	Peak
2595.80	49.34	-3.32	46.02	74.00	27.98	horizontal	Peak
2752.60	48.95	-4.81	44.14	74.00	29.86	horizontal	Peak
2977.60	49.31	-4.10	45.21	74.00	28.79	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11b-2437
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

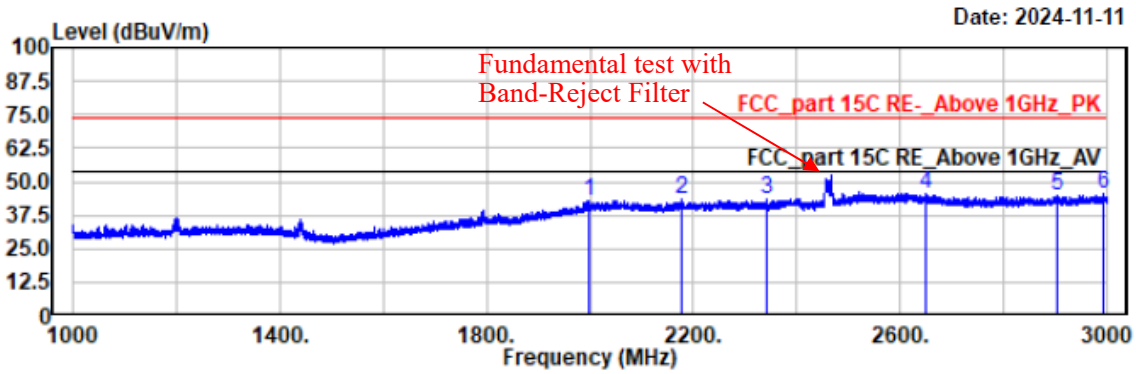


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2047.80	48.22	-6.02	42.20	74.00	31.80	vertical	Peak
2128.80	49.71	-6.73	42.98	74.00	31.02	vertical	Peak
2333.00	49.53	-6.02	43.51	74.00	30.49	vertical	Peak
2537.60	48.94	-3.63	45.31	74.00	28.69	vertical	Peak
2635.60	48.60	-3.35	45.25	74.00	28.75	vertical	Peak
2988.40	49.21	-4.07	45.14	74.00	28.86	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11b high channel with Chain 1(Ant 2).

Project No.: 2407V46068E-RF
Test Mode: 11b-2462
EUT Model: M150i
Test distance: 3m

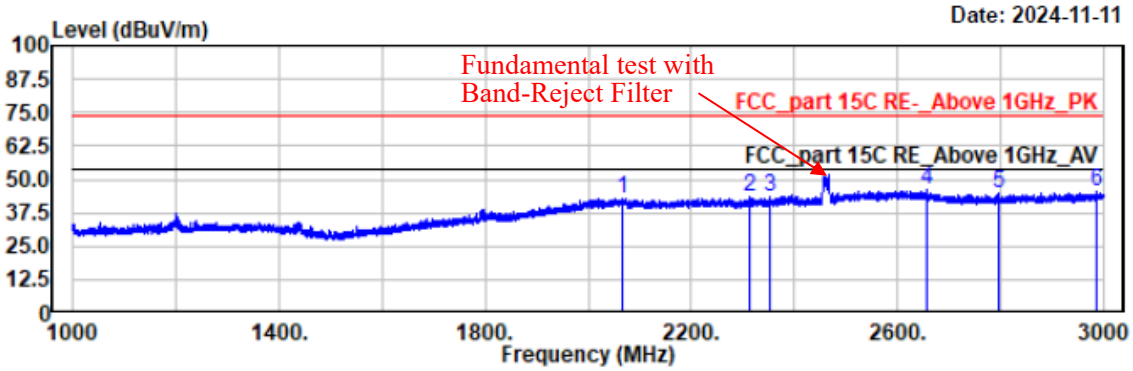
Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1999.40	49.67	-6.77	42.90	74.00	31.10	horizontal	Peak
2178.80	50.06	-6.45	43.61	74.00	30.39	horizontal	Peak
2342.00	49.25	-5.93	43.32	74.00	30.68	horizontal	Peak
2649.40	48.94	-3.37	45.57	74.00	28.43	horizontal	Peak
2903.20	49.02	-4.38	44.64	74.00	29.36	horizontal	Peak
2995.00	49.51	-4.04	45.47	74.00	28.53	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11b-2462
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

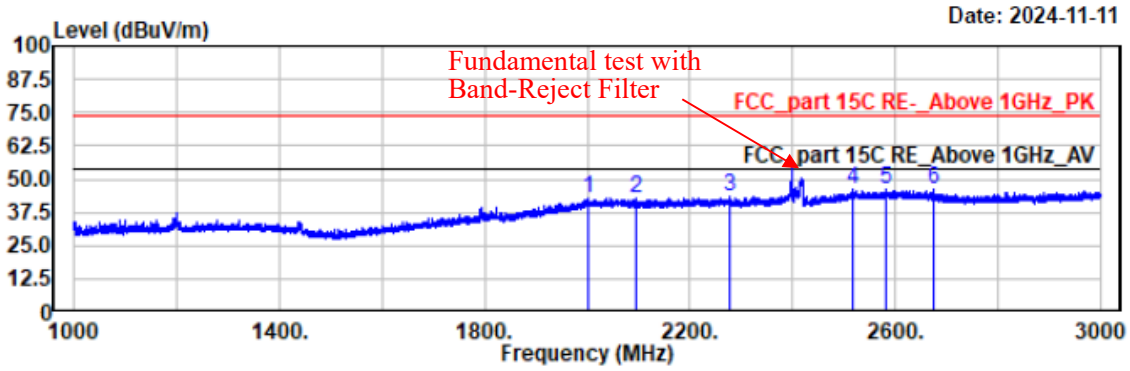


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2066.00	49.17	-6.23	42.94	74.00	31.06	vertical	Peak
2314.80	49.49	-6.18	43.31	74.00	30.69	vertical	Peak
2351.40	49.51	-5.84	43.67	74.00	30.33	vertical	Peak
2656.80	49.51	-3.55	45.96	74.00	28.04	vertical	Peak
2795.80	49.54	-4.71	44.83	74.00	29.17	vertical	Peak
2987.20	49.43	-4.07	45.36	74.00	28.64	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11g low channel with Chain 1(Ant 2).

Project No.: 2407V46068E-RF
Test Mode: 11g-2412
EUT Model: M150i
Test distance: 3m

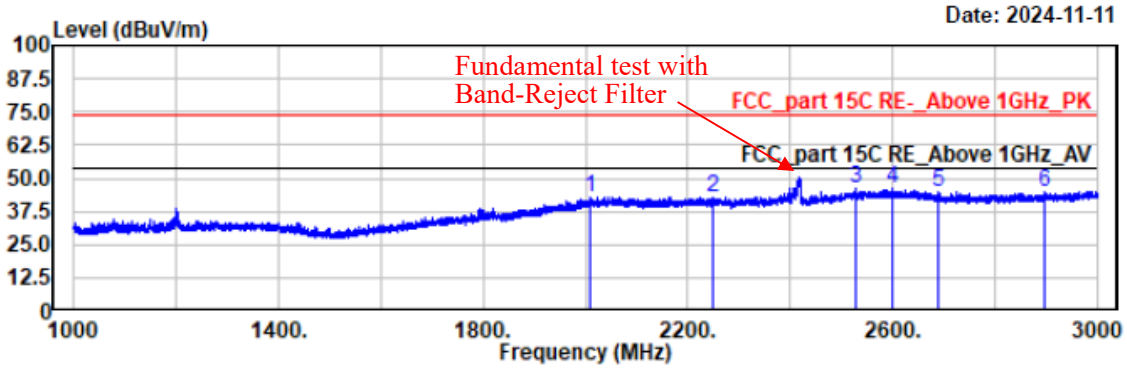
Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2003.00	49.20	-6.70	42.50	74.00	31.50	horizontal	Peak
2094.00	49.41	-6.63	42.78	74.00	31.22	horizontal	Peak
2277.00	49.52	-6.28	43.24	74.00	30.76	horizontal	Peak
2516.60	49.87	-3.92	45.95	74.00	28.05	horizontal	Peak
2580.20	49.39	-3.37	46.02	74.00	27.98	horizontal	Peak
2673.80	50.13	-3.98	46.15	74.00	27.85	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11g-2412
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

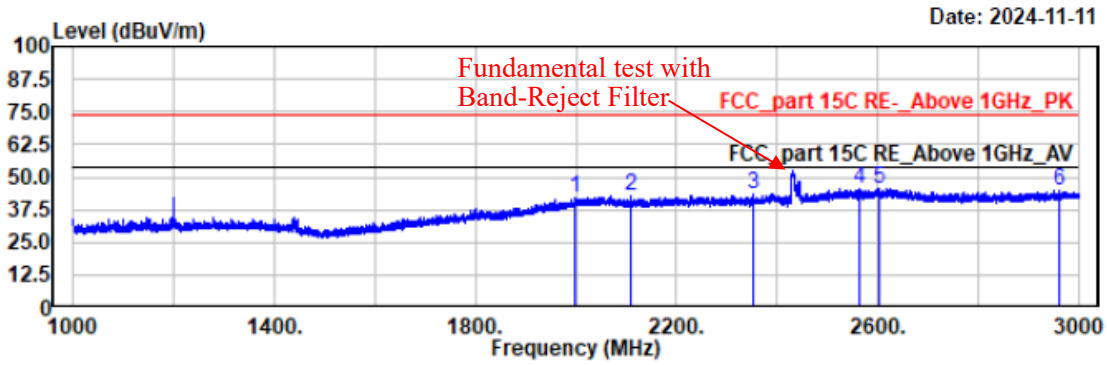


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2008.20	49.55	-6.63	42.92	74.00	31.08	vertical	Peak
2249.60	49.03	-6.23	42.80	74.00	31.20	vertical	Peak
2528.20	49.66	-3.77	45.89	74.00	28.11	vertical	Peak
2598.40	49.57	-3.31	46.26	74.00	27.74	vertical	Peak
2688.00	49.25	-4.34	44.91	74.00	29.09	vertical	Peak
2896.60	49.17	-4.40	44.77	74.00	29.23	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11g middle channel with Chain 1(Ant 2).

Project No.: 2407V46068E-RF
Test Mode: 11g-2437
EUT Model: M150i
Test distance: 3m

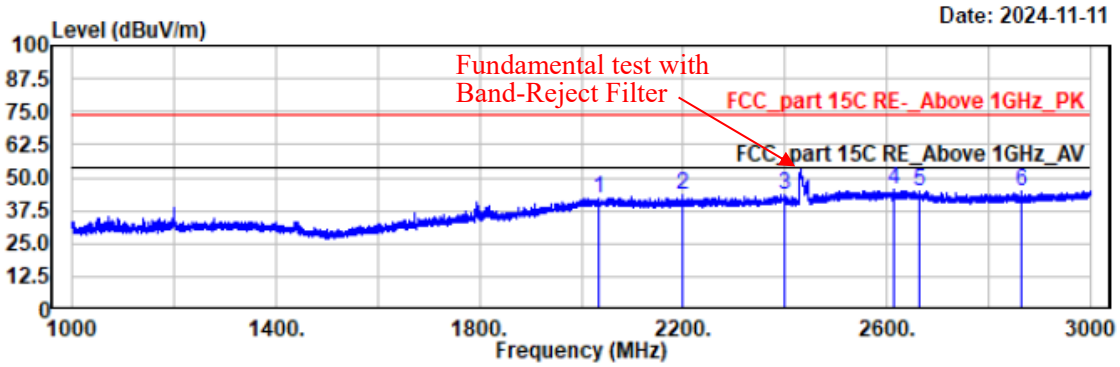
Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1998.40	48.82	-6.80	42.02	74.00	31.98	horizontal	Peak
2108.00	49.23	-6.72	42.51	74.00	31.49	horizontal	Peak
2352.80	49.47	-5.82	43.65	74.00	30.35	horizontal	Peak
2563.20	48.73	-3.43	45.30	74.00	28.70	horizontal	Peak
2603.60	48.84	-3.31	45.53	74.00	28.47	horizontal	Peak
2960.00	49.06	-4.17	44.89	74.00	29.11	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11g-2437
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

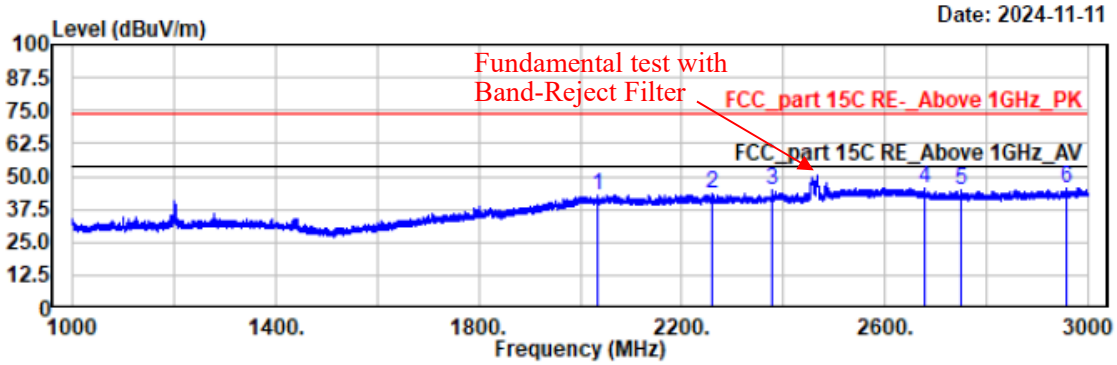


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2032.60	48.50	-6.25	42.25	74.00	31.75	vertical	Peak
2199.80	49.74	-6.25	43.49	74.00	30.51	vertical	Peak
2398.80	48.53	-5.21	43.32	74.00	30.68	vertical	Peak
2612.40	48.76	-3.31	45.45	74.00	28.55	vertical	Peak
2665.40	48.72	-3.76	44.96	74.00	29.04	vertical	Peak
2863.60	49.26	-4.50	44.76	74.00	29.24	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11g high channel with Chain 1(Ant 2).

Project No.: 2407V46068E-RF
Test Mode: 11g-2462
EUT Model: M150i
Test distance: 3m

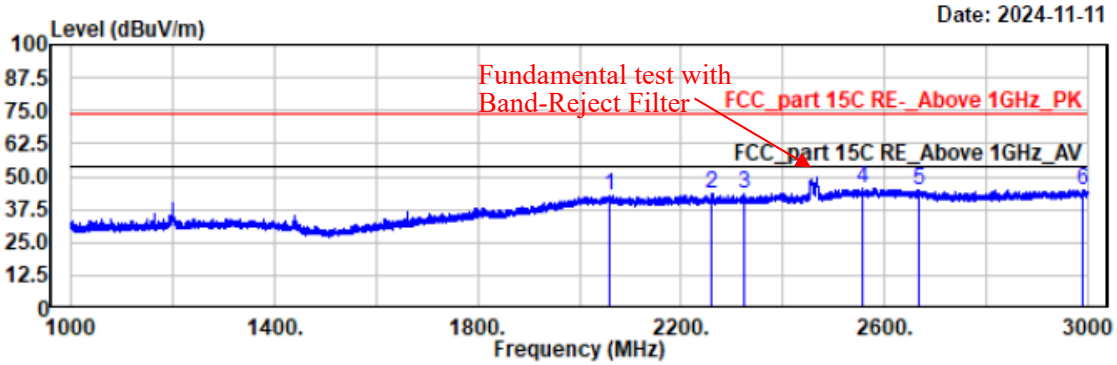
Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2034.00	49.29	-6.22	43.07	74.00	30.93	horizontal	Peak
2258.00	49.46	-6.25	43.21	74.00	30.79	horizontal	Peak
2378.20	50.10	-5.49	44.61	74.00	29.39	horizontal	Peak
2680.00	49.93	-4.14	45.79	74.00	28.21	horizontal	Peak
2750.60	49.61	-4.82	44.79	74.00	29.21	horizontal	Peak
2958.00	49.59	-4.18	45.41	74.00	28.59	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11g-2462
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

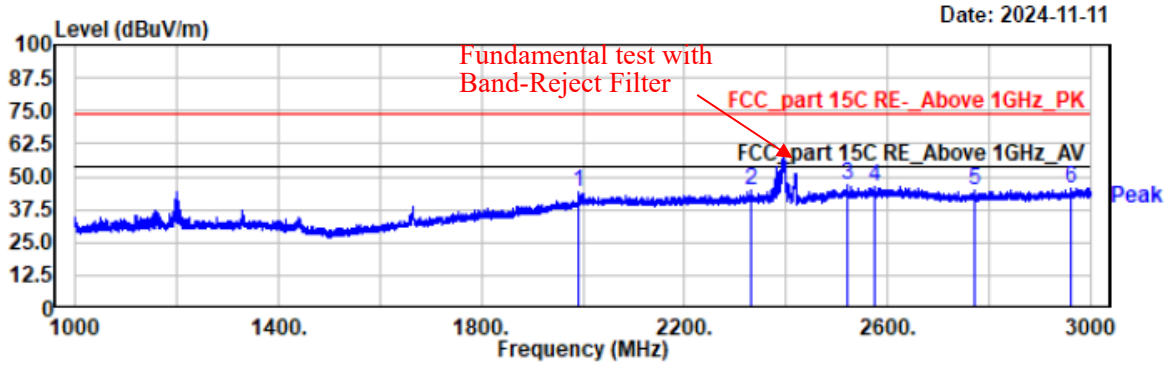


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2058.80	48.80	-6.11	42.69	74.00	31.31	vertical	Peak
2258.00	49.43	-6.25	43.18	74.00	30.82	vertical	Peak
2323.60	49.77	-6.10	43.67	74.00	30.33	vertical	Peak
2557.60	48.71	-3.44	45.27	74.00	28.73	vertical	Peak
2667.80	48.95	-3.82	45.13	74.00	28.87	vertical	Peak
2991.60	48.98	-4.04	44.94	74.00	29.06	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11n ht20 low channel with Chain 0(Ant 1) and Chain 1(Ant 2).

Project No.: 2407V46068E-RF
Test Mode: 11n20-2412
EUT Model: M150i
Test distance: 3m

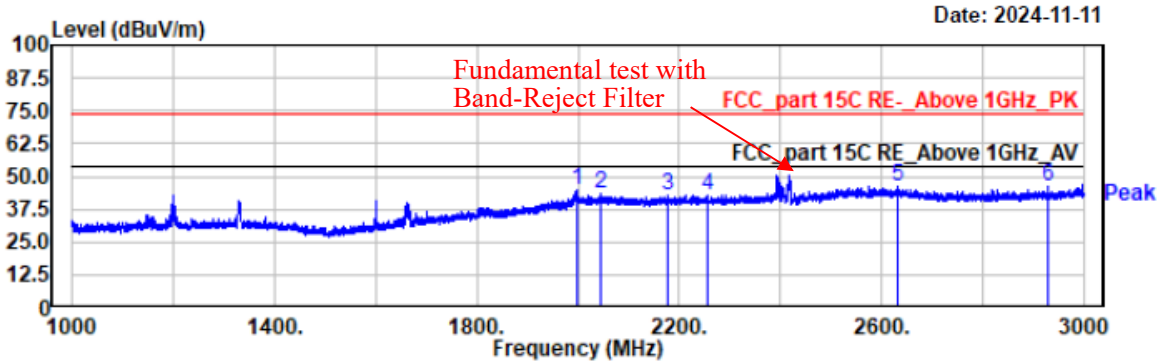
Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1992.60	51.13	-7.01	44.12	74.00	29.88	horizontal	Peak
2332.60	50.67	-6.02	44.65	74.00	29.35	horizontal	Peak
2522.00	50.39	-3.84	46.55	74.00	27.45	horizontal	Peak
2574.80	49.90	-3.38	46.52	74.00	27.48	horizontal	Peak
2771.80	49.50	-4.77	44.73	74.00	29.27	horizontal	Peak
2961.00	49.47	-4.17	45.30	74.00	28.70	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11n20-2412
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

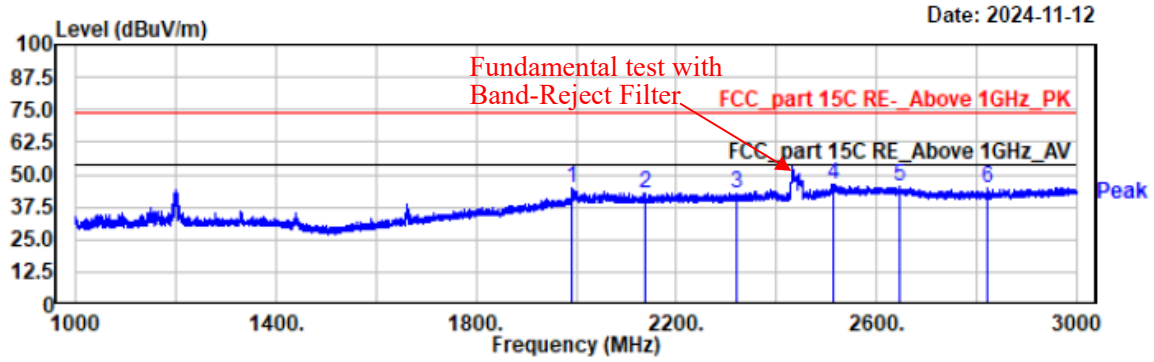


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1999.60	51.53	-6.76	44.77	74.00	29.23	vertical	Peak
2043.40	49.38	-6.08	43.30	74.00	30.70	vertical	Peak
2178.40	49.31	-6.47	42.84	74.00	31.16	vertical	Peak
2255.00	49.35	-6.25	43.10	74.00	30.90	vertical	Peak
2630.60	49.52	-3.34	46.18	74.00	27.82	vertical	Peak
2929.00	50.34	-4.28	46.06	74.00	27.94	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11n ht20 middle channel with Chain 0(Ant 1) and Chain 1(Ant 2).

Project No.: 2407V46068E-RF
Test Mode: 11n20-2437
EUT Model: M150i
Test distance: 3m

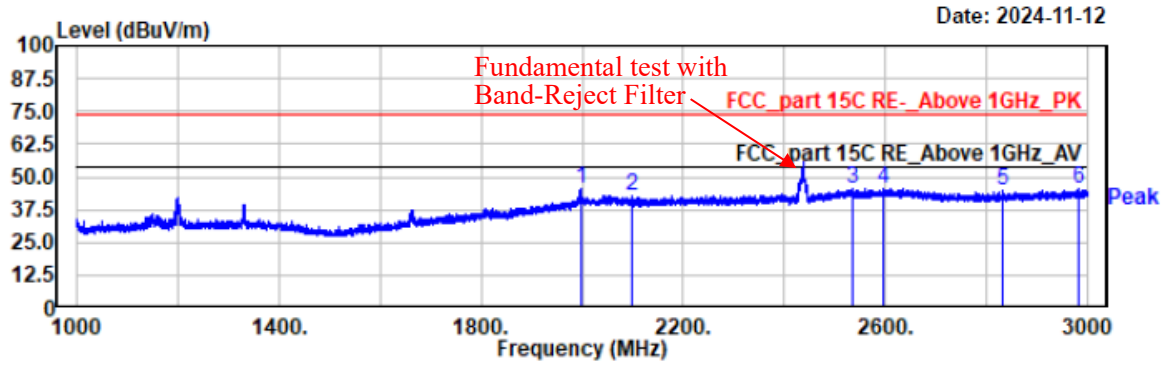
Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1990.80	51.70	-7.07	44.63	74.00	29.37	horizontal	Peak
2136.20	49.38	-6.73	42.65	74.00	31.35	horizontal	Peak
2319.00	48.82	-6.15	42.67	74.00	31.33	horizontal	Peak
2513.00	50.20	-3.96	46.24	74.00	27.76	horizontal	Peak
2647.40	48.56	-3.36	45.20	74.00	28.80	horizontal	Peak
2821.80	49.22	-4.63	44.59	74.00	29.41	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11n20-2437
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

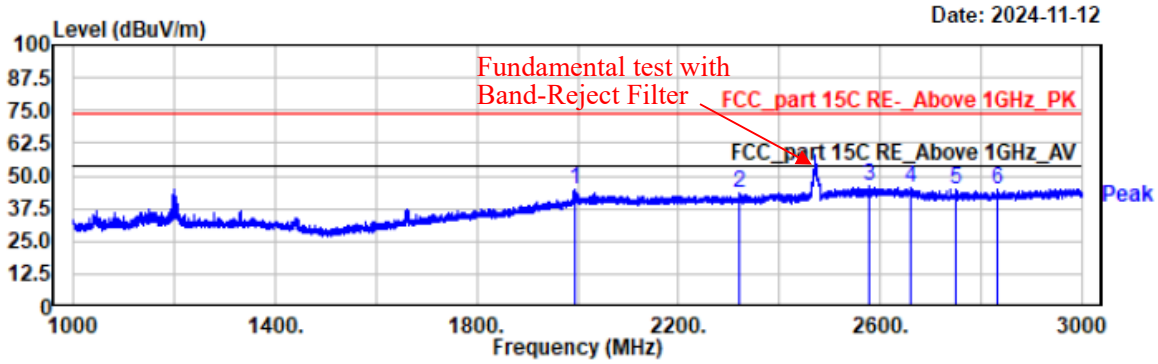


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1999.20	52.04	-6.78	45.26	74.00	28.74	vertical	Peak
2098.80	49.46	-6.70	42.76	74.00	31.24	vertical	Peak
2535.40	49.07	-3.66	45.41	74.00	28.59	vertical	Peak
2597.00	49.08	-3.31	45.77	74.00	28.23	vertical	Peak
2832.60	49.54	-4.59	44.95	74.00	29.05	vertical	Peak
2982.80	49.78	-4.09	45.69	74.00	28.31	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11n ht20 high channel with Chain 0(Ant 1) and Chain 1(Ant 2).

Project No.: 2407V46068E-RF
Test Mode: 11n20-2462
EUT Model: M150i
Test distance: 3m

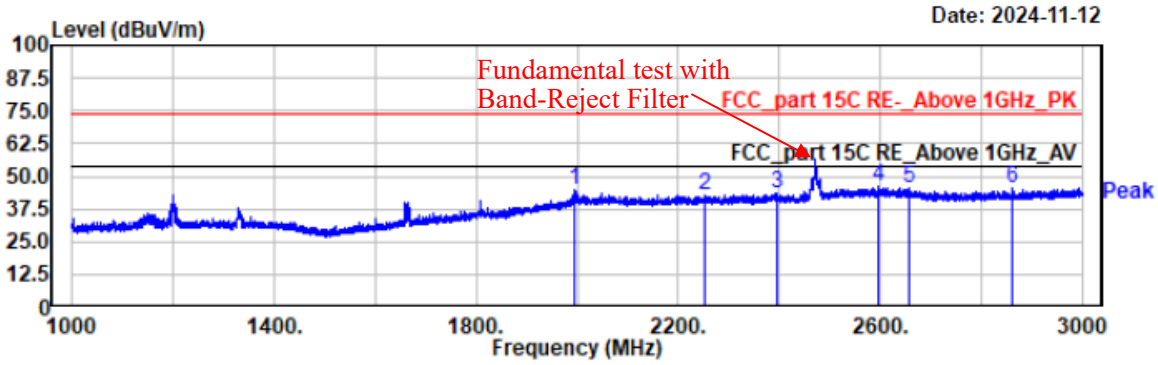
Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1995.80	51.75	-6.89	44.86	74.00	29.14	horizontal	Peak
2321.80	49.73	-6.12	43.61	74.00	30.39	horizontal	Peak
2578.80	49.63	-3.37	46.26	74.00	27.74	horizontal	Peak
2660.00	49.30	-3.63	45.67	74.00	28.33	horizontal	Peak
2749.40	49.92	-4.82	45.10	74.00	28.90	horizontal	Peak
2833.40	49.16	-4.59	44.57	74.00	29.43	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11n20-2462
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

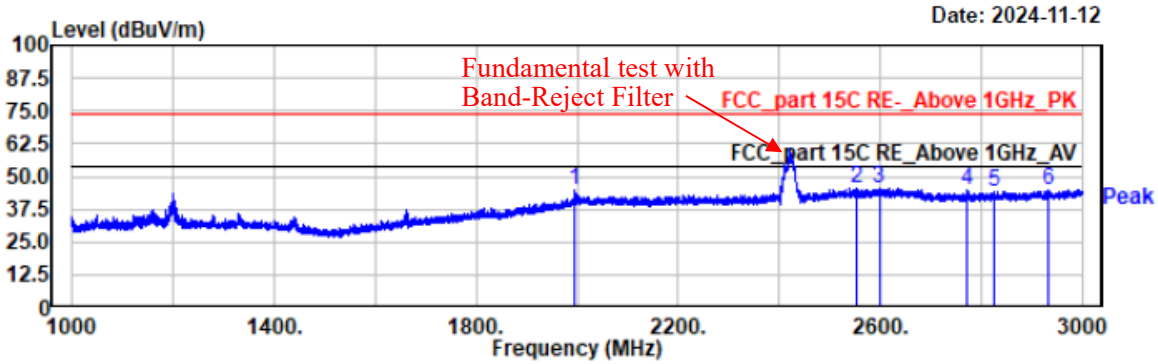


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1993.00	51.49	-6.99	44.50	74.00	29.50	vertical	Peak
2251.80	49.24	-6.25	42.99	74.00	31.01	vertical	Peak
2396.20	48.55	-5.23	43.32	74.00	30.68	vertical	Peak
2597.00	49.55	-3.31	46.24	74.00	27.76	vertical	Peak
2656.00	49.16	-3.53	45.63	74.00	28.37	vertical	Peak
2862.00	49.70	-4.51	45.19	74.00	28.81	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11n ht40 low channel with Chain 0(Ant 1) and Chain 1(Ant 2).

Project No.: 2407V46068E-RF
Test Mode: 11n40-2422
EUT Model: M150i
Test distance: 3m

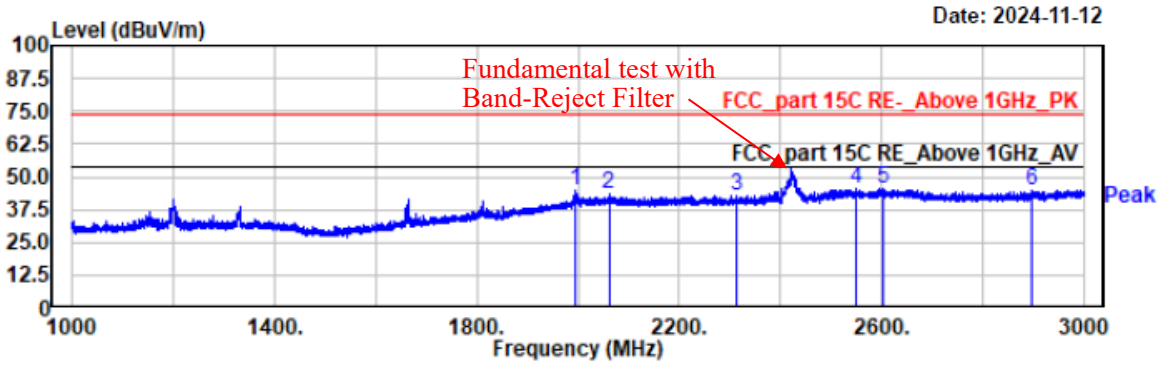
Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1995.20	51.61	-6.91	44.70	74.00	29.30	horizontal	Peak
2552.40	49.24	-3.46	45.78	74.00	28.22	horizontal	Peak
2598.00	49.11	-3.31	45.80	74.00	28.20	horizontal	Peak
2772.60	49.33	-4.76	44.57	74.00	29.43	horizontal	Peak
2825.60	48.99	-4.62	44.37	74.00	29.63	horizontal	Peak
2932.40	49.22	-4.28	44.94	74.00	29.06	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11n40-2422
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

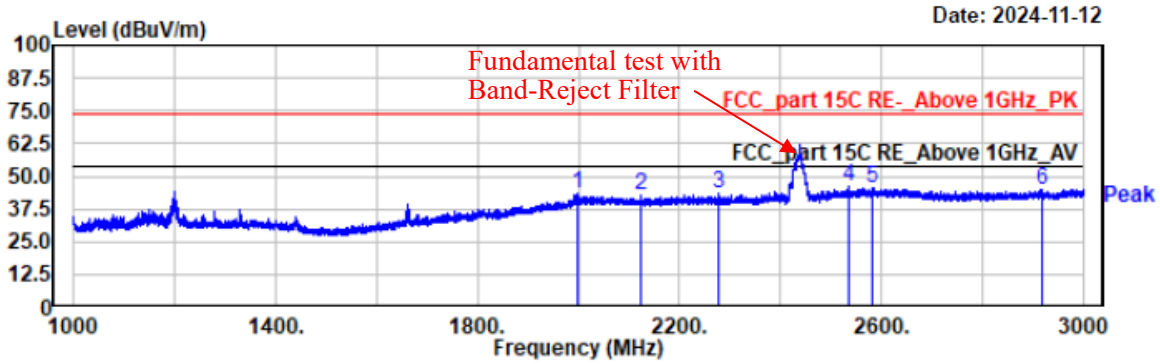


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1993.40	51.56	-6.98	44.58	74.00	29.42	vertical	Peak
2061.00	49.50	-6.15	43.35	74.00	30.65	vertical	Peak
2313.80	49.19	-6.19	43.00	74.00	31.00	vertical	Peak
2548.60	48.91	-3.48	45.43	74.00	28.57	vertical	Peak
2604.80	48.67	-3.31	45.36	74.00	28.64	vertical	Peak
2898.20	49.01	-4.39	44.62	74.00	29.38	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11n ht40 middle channel with Chain 0(Ant 1) and Chain 1(Ant 2).

Project No.: 2407V46068E-RF
Test Mode: 11n40-2437
EUT Model: M150i
Test distance: 3m

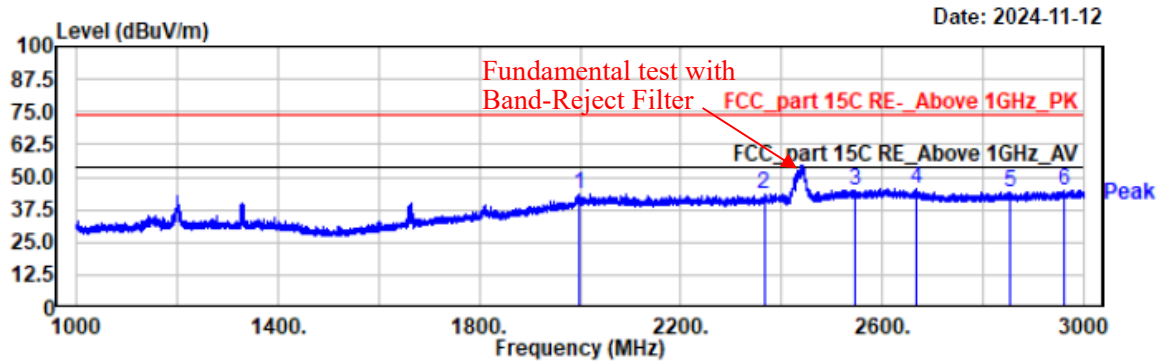
Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1999.60	49.90	-6.76	43.14	74.00	30.86	horizontal	Peak
2123.00	49.36	-6.73	42.63	74.00	31.37	horizontal	Peak
2279.20	49.58	-6.29	43.29	74.00	30.71	horizontal	Peak
2534.40	50.12	-3.68	46.44	74.00	27.56	horizontal	Peak
2583.20	48.99	-3.36	45.63	74.00	28.37	horizontal	Peak
2918.00	48.97	-4.32	44.65	74.00	29.35	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11n40-2437
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

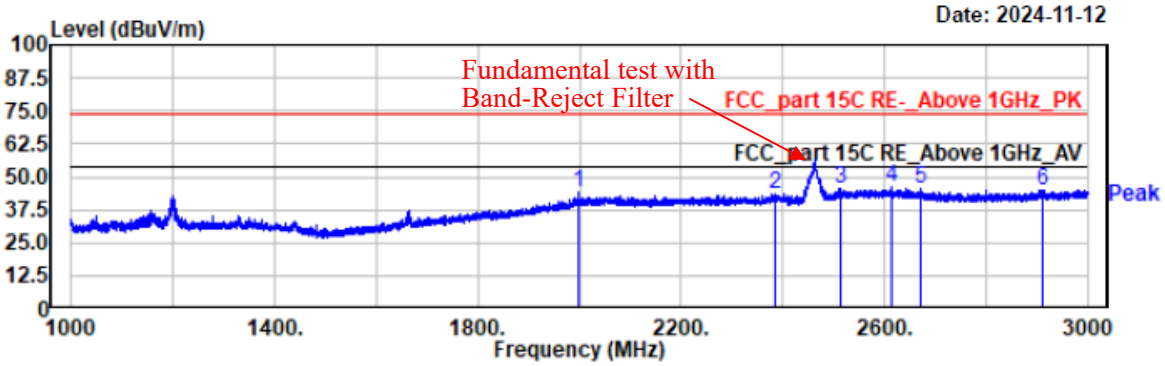


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1999.00	50.54	-6.78	43.76	74.00	30.24	vertical	Peak
2365.20	49.40	-5.65	43.75	74.00	30.25	vertical	Peak
2545.40	48.63	-3.53	45.10	74.00	28.90	vertical	Peak
2667.20	49.41	-3.81	45.60	74.00	28.40	vertical	Peak
2852.80	48.93	-4.53	44.40	74.00	29.60	vertical	Peak
2961.20	49.19	-4.17	45.02	74.00	28.98	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11n ht40 high channel with Chain 0(Ant 1) and Chain 1(Ant 2).

Project No.: 2407V46068E-RF
Test Mode: 11n40-2452
EUT Model: M150i
Test distance: 3m

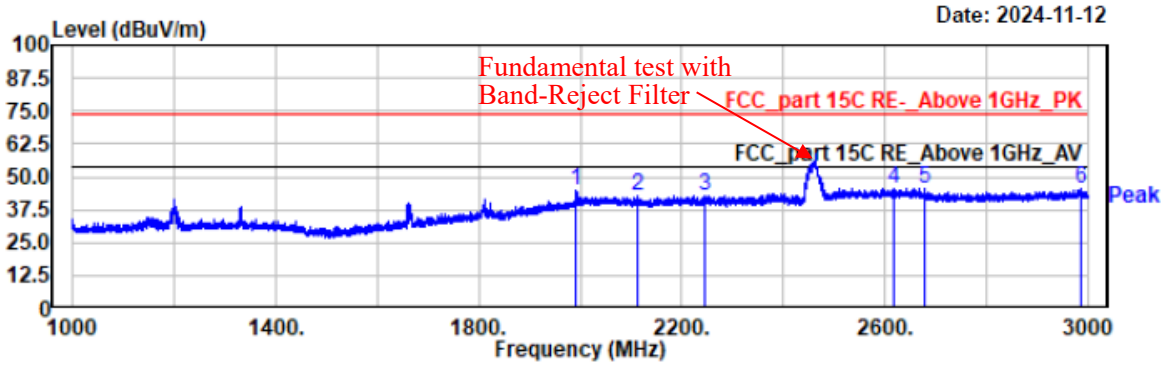
Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1998.40	51.03	-6.80	44.23	74.00	29.77	horizontal	Peak
2386.40	48.68	-5.37	43.31	74.00	30.69	horizontal	Peak
2515.00	49.19	-3.94	45.25	74.00	28.75	horizontal	Peak
2614.20	49.33	-3.32	46.01	74.00	27.99	horizontal	Peak
2673.00	49.15	-3.96	45.19	74.00	28.81	horizontal	Peak
2911.00	49.26	-4.36	44.90	74.00	29.10	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11n40-2452
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.1℃/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



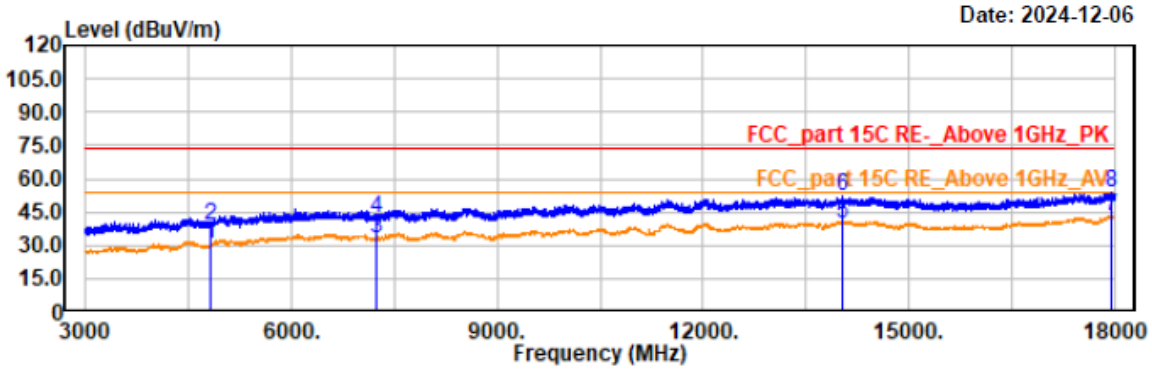
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1992.40	51.70	-7.01	44.69	74.00	29.31	vertical	Peak
2113.00	49.73	-6.73	43.00	74.00	31.00	vertical	Peak
2245.00	49.29	-6.24	43.05	74.00	30.95	vertical	Peak
2617.20	48.77	-3.32	45.45	74.00	28.55	vertical	Peak
2678.20	49.80	-4.09	45.71	74.00	28.29	vertical	Peak
2985.20	49.28	-4.08	45.20	74.00	28.80	vertical	Peak

4) 3GHz~18GHz

EUT operation mode: Transmitting in Wifi 802.11b low channel with Chain 0(Ant 1).

Project No.: 2407V46068E-RF
Test Mode: 11b-2412
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.2℃/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

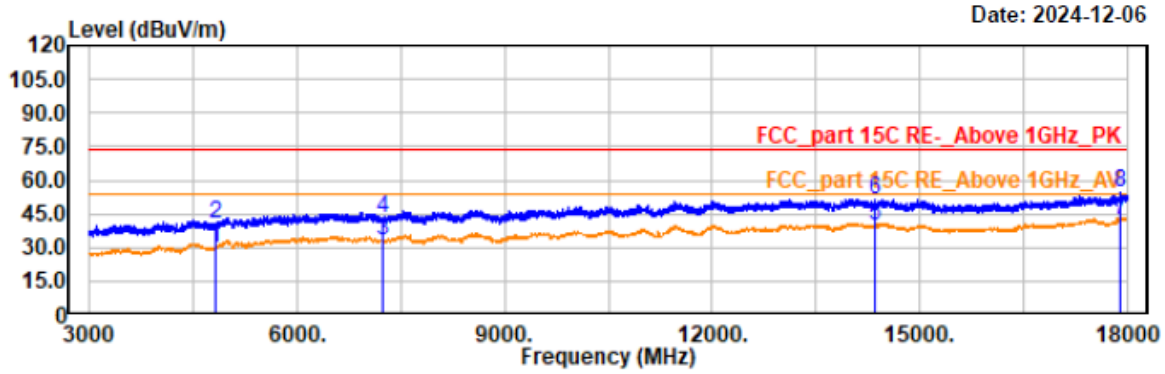


Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq	Reading	Factor	Result	Limit	Margin	Polarity	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
4824.00	34.90	-4.39	30.51	54.00	23.49	horizontal	Average
4824.00	43.42	-4.39	39.03	74.00	34.97	horizontal	Peak
7236.00	34.82	-1.70	33.12	54.00	20.88	horizontal	Average
7236.00	43.68	-1.70	41.98	74.00	32.02	horizontal	Peak
14023.50	35.00	5.12	40.12	54.00	13.88	horizontal	Average
14023.50	46.90	5.12	52.02	74.00	21.98	horizontal	Peak
17958.00	35.32	7.68	43.00	54.00	11.00	horizontal	Average
17958.00	46.22	7.68	53.90	74.00	20.10	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11b-2412
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.2℃/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



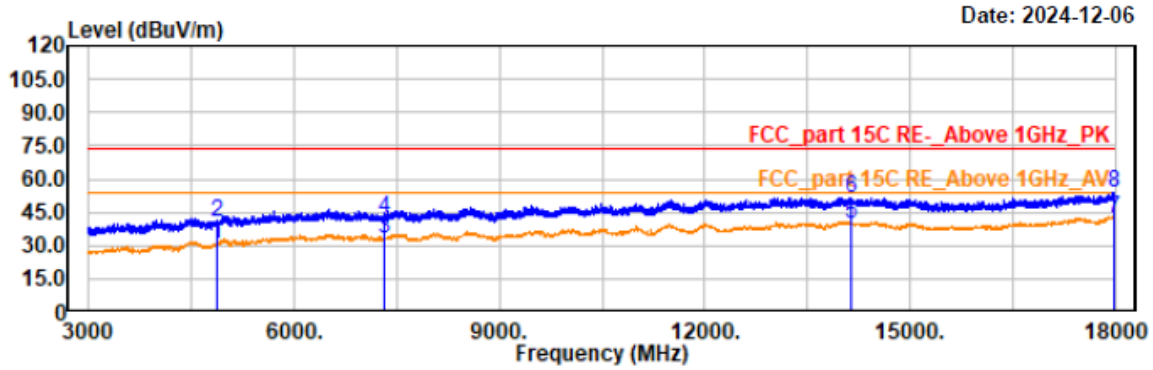
Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq	Reading	Factor	Result	Limit	Margin	Polarity	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
4824.00	34.26	-4.39	29.87	54.00	24.13	vertical	Average
4824.00	45.10	-4.39	40.71	74.00	33.29	vertical	Peak
7236.00	35.04	-1.70	33.34	54.00	20.66	vertical	Average
7236.00	45.13	-1.70	43.43	74.00	30.57	vertical	Peak
14353.50	34.46	5.17	39.63	54.00	14.37	vertical	Average
14353.50	46.21	5.17	51.38	74.00	22.62	vertical	Peak
17892.00	34.98	7.56	42.54	54.00	11.46	vertical	Average
17892.00	47.20	7.56	54.76	74.00	19.24	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11b middle channel with Chain 0(Ant 1).

Project No.: 2407V46068E-RF
Test Mode: 11b-2437
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.2℃/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

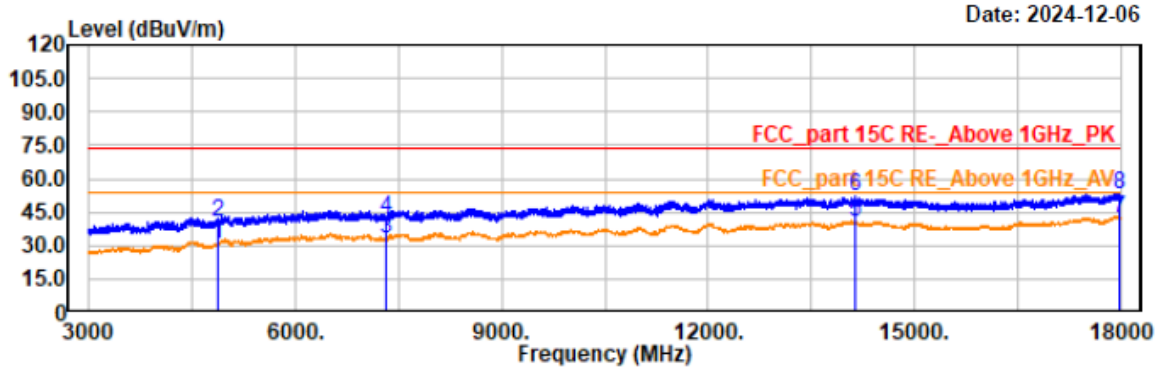


Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4873.50	34.85	-4.26	30.59	54.00	23.41	horizontal	Average
4873.50	44.54	-4.26	40.28	74.00	33.72	horizontal	Peak
7311.00	35.04	-1.63	33.41	54.00	20.59	horizontal	Average
7311.00	43.79	-1.63	42.16	74.00	31.84	horizontal	Peak
14145.00	34.58	5.24	39.82	54.00	14.18	horizontal	Average
14145.00	46.37	5.24	51.61	74.00	22.39	horizontal	Peak
17967.00	34.67	7.69	42.36	54.00	11.64	horizontal	Average
17967.00	46.01	7.69	53.70	74.00	20.30	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11b-2437
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.2℃/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



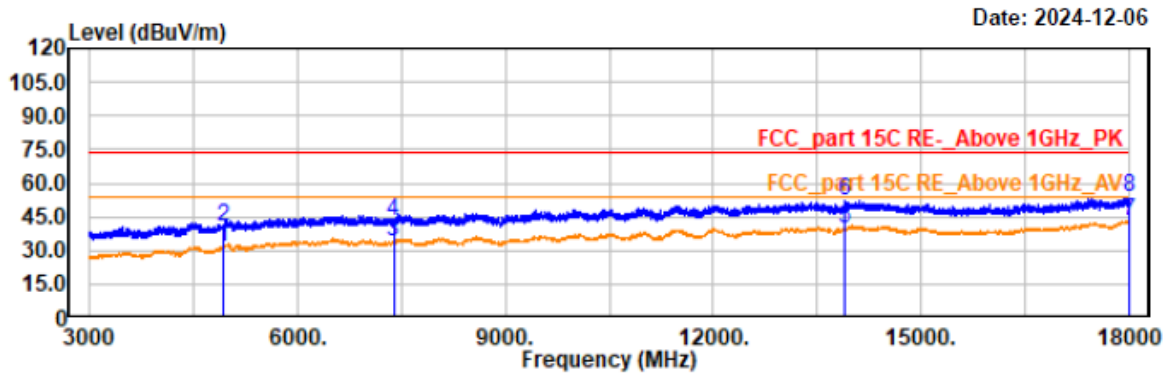
Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4873.50	34.78	-4.26	30.52	54.00	23.48	vertical	Average
4873.50	44.62	-4.26	40.36	74.00	33.64	vertical	Peak
7311.00	34.96	-1.63	33.33	54.00	20.67	vertical	Average
7311.00	44.11	-1.63	42.48	74.00	31.52	vertical	Peak
14130.00	34.91	5.24	40.15	54.00	13.85	vertical	Average
14130.00	46.70	5.24	51.94	74.00	22.06	vertical	Peak
17989.50	34.33	7.72	42.05	54.00	11.95	vertical	Average
17989.50	45.46	7.72	53.18	74.00	20.82	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11b high channel with Chain 0(Ant 1).

Project No.: 2407V46068E-RF
Test Mode: 11b-2462
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.2℃/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

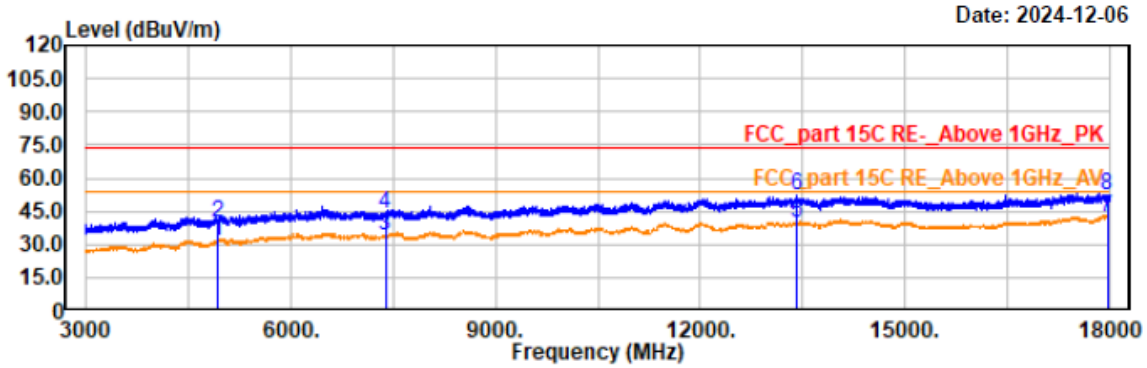


Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4924.50	35.38	-4.12	31.26	54.00	22.74	horizontal	Average
4924.50	44.74	-4.12	40.62	74.00	33.38	horizontal	Peak
7386.00	35.88	-1.62	34.26	54.00	19.74	horizontal	Average
7386.00	44.82	-1.62	43.20	74.00	30.80	horizontal	Peak
13896.00	34.25	5.12	39.37	54.00	14.63	horizontal	Average
13896.00	47.39	5.12	52.51	74.00	21.49	horizontal	Peak
17999.50	34.96	7.74	42.70	54.00	11.30	horizontal	Average
17999.50	45.70	7.74	53.44	74.00	20.56	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11b-2462
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.2℃/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



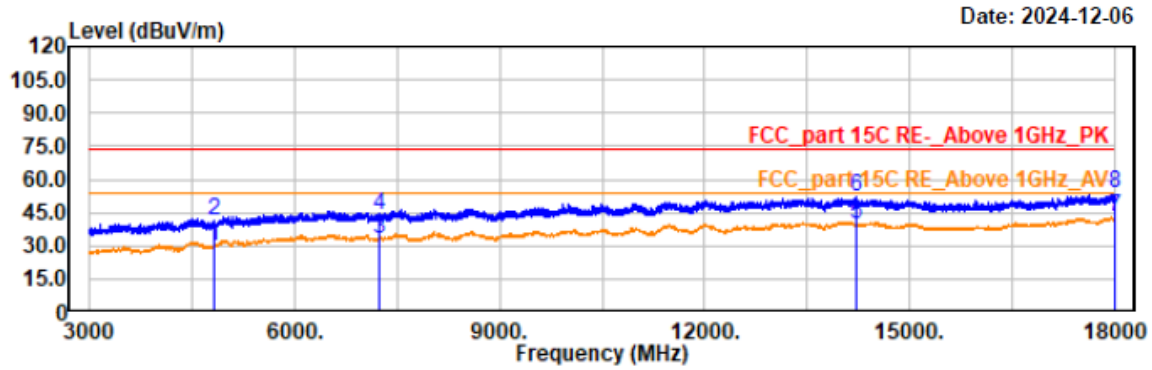
Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4924.50	35.55	-4.12	31.43	54.00	22.57	vertical	Average
4924.50	44.25	-4.12	40.13	74.00	33.87	vertical	Peak
7386.00	35.60	-1.62	33.98	54.00	20.02	vertical	Average
7386.00	45.41	-1.62	43.79	74.00	30.21	vertical	Peak
13425.00	34.55	4.83	39.38	54.00	14.62	vertical	Average
13425.00	47.38	4.83	52.21	74.00	21.79	vertical	Peak
17965.50	34.47	7.69	42.16	54.00	11.84	vertical	Average
17965.50	44.40	7.69	52.09	74.00	21.91	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11g low channel with Chain 0(Ant 1).

Project No.: 2407V46068E-RF
Test Mode: 11g-2412
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.2℃/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

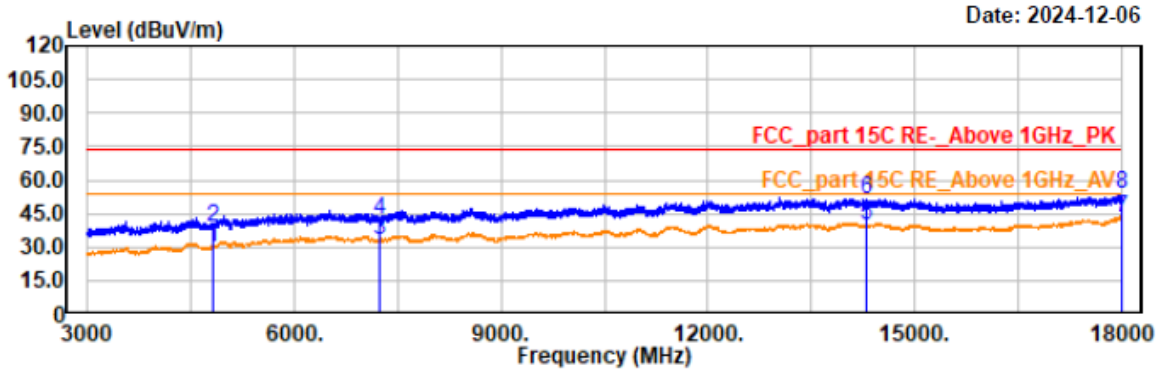


Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq	Reading	Factor	Result	Limit	Margin	Polarity	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
4824.00	34.29	-4.39	29.90	54.00	24.10	horizontal	Average
4824.00	45.52	-4.39	41.13	74.00	32.87	horizontal	Peak
7236.00	34.46	-1.70	32.76	54.00	21.24	horizontal	Average
7236.00	45.93	-1.70	44.23	74.00	29.77	horizontal	Peak
14211.00	34.17	5.26	39.43	54.00	14.57	horizontal	Average
14211.00	46.51	5.26	51.77	74.00	22.23	horizontal	Peak
17999.50	35.07	7.74	42.81	54.00	11.19	horizontal	Average
17999.50	45.96	7.74	53.70	74.00	20.30	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11g-2412
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.2℃/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



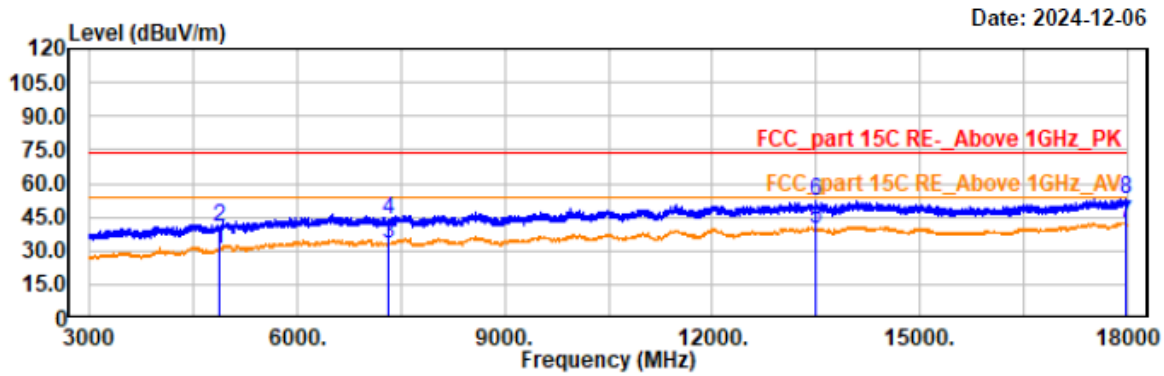
Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq	Reading	Factor	Result	Limit	Margin	Polarity	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
4824.00	34.36	-4.39	29.97	54.00	24.03	vertical	Average
4824.00	43.36	-4.39	38.97	74.00	35.03	vertical	Peak
7236.00	35.01	-1.70	33.31	54.00	20.69	vertical	Average
7236.00	43.70	-1.70	42.00	74.00	32.00	vertical	Peak
14298.00	34.16	5.20	39.36	54.00	14.64	vertical	Average
14298.00	45.88	5.20	51.08	74.00	22.92	vertical	Peak
17999.50	35.20	7.74	42.94	54.00	11.06	vertical	Average
17999.50	46.20	7.74	53.94	74.00	20.06	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11g middle channel with Chain 0(Ant 1).

Project No.: 2407V46068E-RF
Test Mode: 11g-2437
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.2℃/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

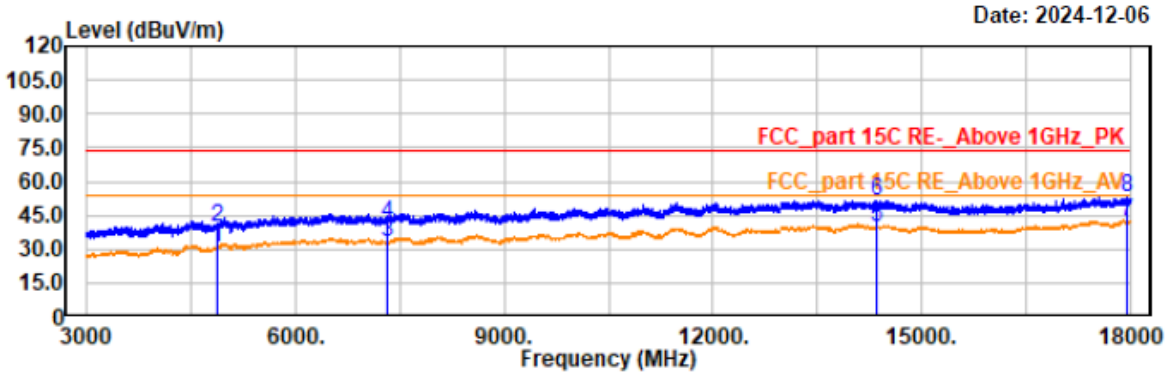


Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4873.50	34.79	-4.26	30.53	54.00	23.47	horizontal	Average
4873.50	44.86	-4.26	40.60	74.00	33.40	horizontal	Peak
7311.00	34.88	-1.63	33.25	54.00	20.75	horizontal	Average
7311.00	45.74	-1.63	44.11	74.00	29.89	horizontal	Peak
13503.00	34.93	4.82	39.75	54.00	14.25	horizontal	Average
13503.00	47.23	4.82	52.05	74.00	21.95	horizontal	Peak
17974.50	34.41	7.70	42.11	54.00	11.89	horizontal	Average
17974.50	45.26	7.70	52.96	74.00	21.04	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11g-2437
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.2℃/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



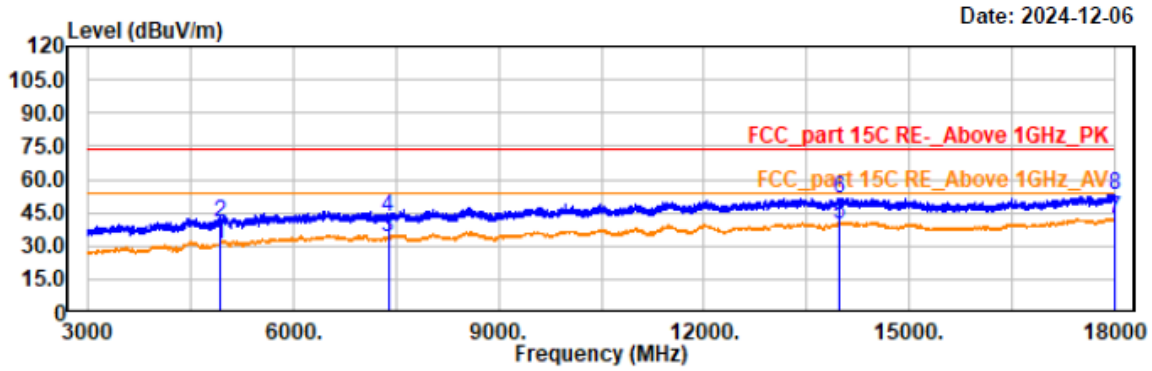
Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq	Reading	Factor	Result	Limit	Margin	Polarity	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
4873.50	35.09	-4.26	30.83	54.00	23.17	vertical	Average
4873.50	43.80	-4.26	39.54	74.00	34.46	vertical	Peak
7311.00	34.76	-1.63	33.13	54.00	20.87	vertical	Average
7311.00	43.38	-1.63	41.75	74.00	32.25	vertical	Peak
14346.00	34.16	5.18	39.34	54.00	14.66	vertical	Average
14346.00	46.06	5.18	51.24	74.00	22.76	vertical	Peak
17956.50	34.86	7.68	42.54	54.00	11.46	vertical	Average
17956.50	45.45	7.68	53.13	74.00	20.87	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11g high channel with Chain 0(Ant 1).

Project No.: 2407V46068E-RF
Test Mode: 11g-2462
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.2℃/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

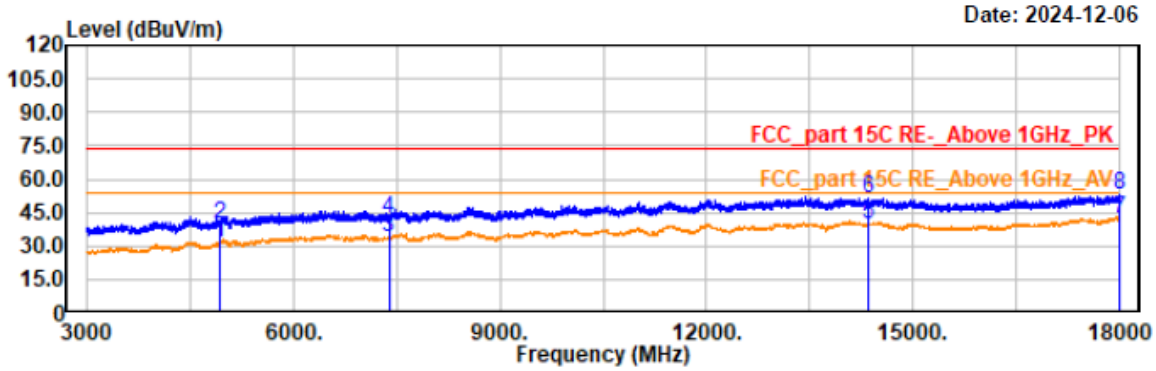


Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4924.50	35.07	-4.12	30.95	54.00	23.05	horizontal	Average
4924.50	44.43	-4.12	40.31	74.00	33.69	horizontal	Peak
7386.00	35.53	-1.62	33.91	54.00	20.09	horizontal	Average
7386.00	44.80	-1.62	43.18	74.00	30.82	horizontal	Peak
13965.00	34.88	5.10	39.98	54.00	14.02	horizontal	Average
13965.00	46.41	5.10	51.51	74.00	22.49	horizontal	Peak
17998.50	34.61	7.74	42.35	54.00	11.65	horizontal	Average
17998.50	45.24	7.74	52.98	74.00	21.02	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11g-2462
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.2℃/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



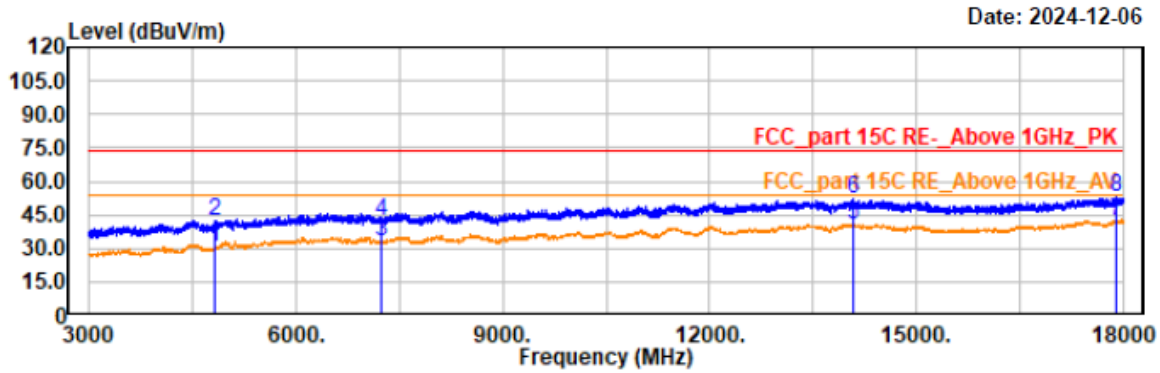
Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4924.50	35.44	-4.12	31.32	54.00	22.68	vertical	Average
4924.50	44.23	-4.12	40.11	74.00	33.89	vertical	Peak
7386.00	35.69	-1.62	34.07	54.00	19.93	vertical	Average
7386.00	44.10	-1.62	42.48	74.00	31.52	vertical	Peak
14344.50	34.13	5.18	39.31	54.00	14.69	vertical	Average
14344.50	45.80	5.18	50.98	74.00	23.02	vertical	Peak
17998.50	34.73	7.74	42.47	54.00	11.53	vertical	Average
17998.50	45.07	7.74	52.81	74.00	21.19	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11b low channel with Chain 1(Ant 2).

Project No.: 2407V46068E-RF
Test Mode: 11b-2412
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.2℃/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

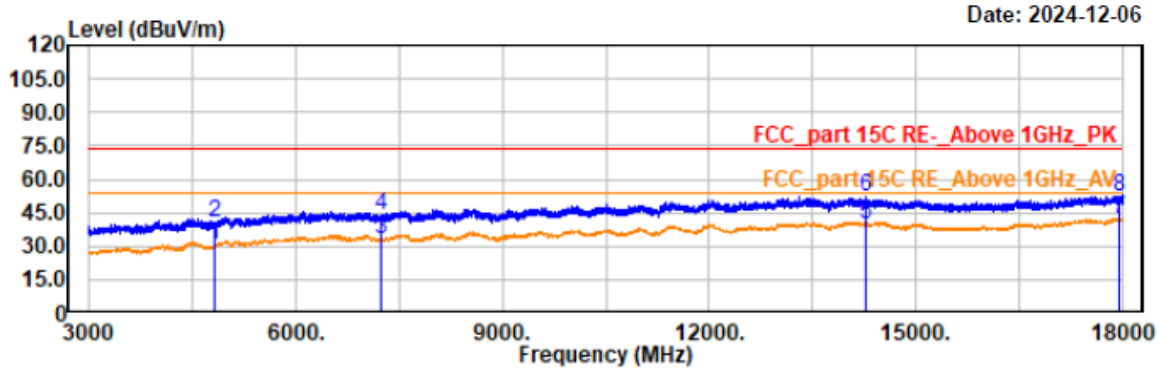


Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4824.00	35.06	-4.39	30.67	54.00	23.33	horizontal	Average
4824.00	46.38	-4.39	41.99	74.00	32.01	horizontal	Peak
7236.00	34.59	-1.70	32.89	54.00	21.11	horizontal	Average
7236.00	43.99	-1.70	42.29	74.00	31.71	horizontal	Peak
14095.50	35.00	5.23	40.23	54.00	13.77	horizontal	Average
14095.50	47.30	5.23	52.53	74.00	21.47	horizontal	Peak
17910.00	34.20	7.60	41.80	54.00	12.20	horizontal	Average
17910.00	45.52	7.60	53.12	74.00	20.88	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11b-2412
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.2℃/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



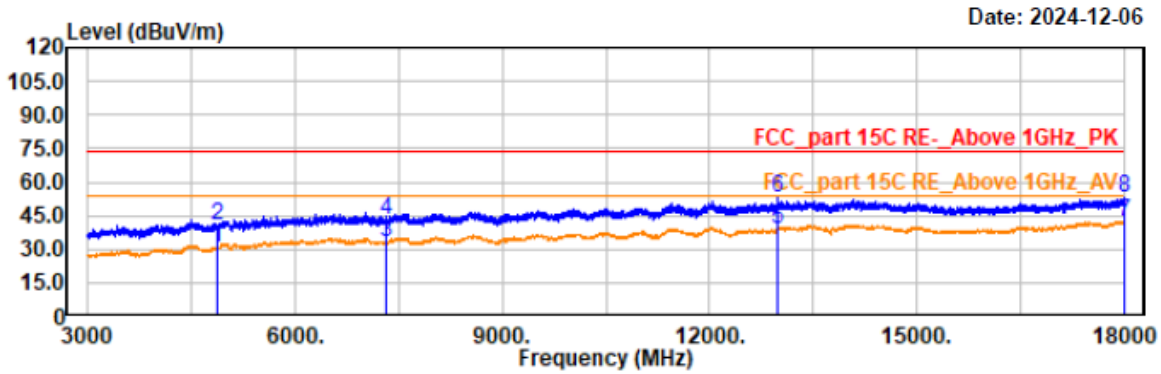
Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq	Reading	Factor	Result	Limit	Margin	Polarity	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
4824.00	34.77	-4.39	30.38	54.00	23.62	vertical	Average
4824.00	45.00	-4.39	40.61	74.00	33.39	vertical	Peak
7236.00	34.61	-1.70	32.91	54.00	21.09	vertical	Average
7236.00	45.24	-1.70	43.54	74.00	30.46	vertical	Peak
14266.50	34.63	5.22	39.85	54.00	14.15	vertical	Average
14266.50	46.95	5.22	52.17	74.00	21.83	vertical	Peak
17947.50	34.41	7.66	42.07	54.00	11.93	vertical	Average
17947.50	44.87	7.66	52.53	74.00	21.47	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11b middle channel with Chain 1(Ant 2).

Project No.: 2407V46068E-RF
Test Mode: 11b-2437
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.2℃/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

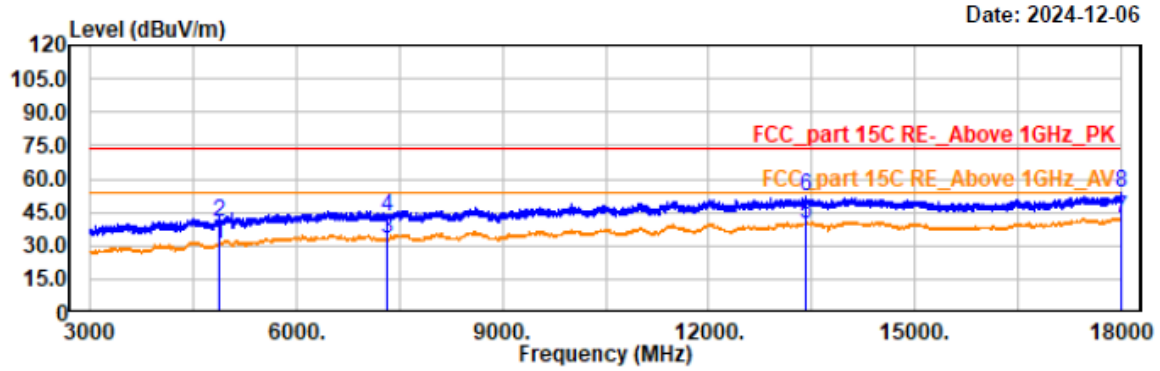


Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4873.50	34.84	-4.26	30.58	54.00	23.42	horizontal	Average
4873.50	44.75	-4.26	40.49	74.00	33.51	horizontal	Peak
7311.00	34.75	-1.63	33.12	54.00	20.88	horizontal	Average
7311.00	44.97	-1.63	43.34	74.00	30.66	horizontal	Peak
12978.00	33.51	5.12	38.63	54.00	15.37	horizontal	Average
12978.00	47.57	5.12	52.69	74.00	21.31	horizontal	Peak
17998.50	34.87	7.74	42.61	54.00	11.39	horizontal	Average
17998.50	45.37	7.74	53.11	74.00	20.89	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11b-2437
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.2℃/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



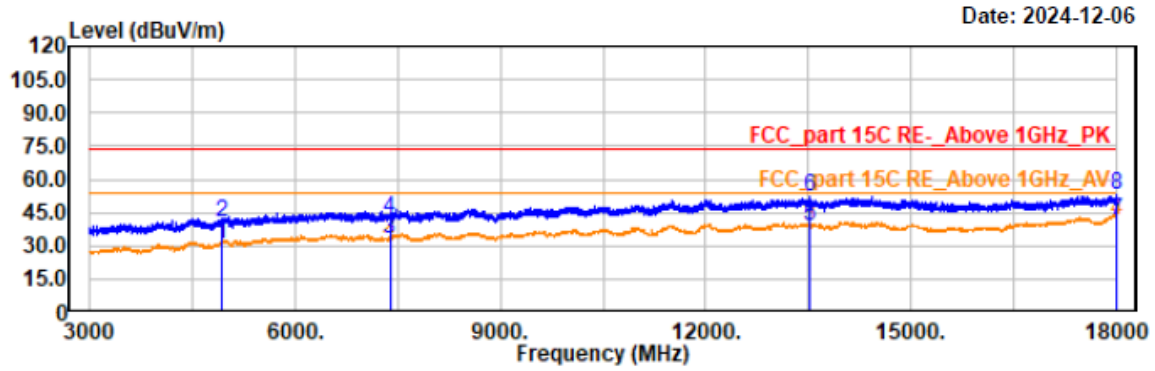
Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4873.50	35.08	-4.26	30.82	54.00	23.18	vertical	Average
4873.50	45.17	-4.26	40.91	74.00	33.09	vertical	Peak
7311.00	34.70	-1.63	33.07	54.00	20.93	vertical	Average
7311.00	44.51	-1.63	42.88	74.00	31.12	vertical	Peak
13426.50	34.94	4.83	39.77	54.00	14.23	vertical	Average
13426.50	46.96	4.83	51.79	74.00	22.21	vertical	Peak
17998.50	34.59	7.74	42.33	54.00	11.67	vertical	Average
17998.50	45.99	7.74	53.73	74.00	20.27	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11b high channel with Chain 1(Ant 2).

Project No.: 2407V46068E-RF
Test Mode: 11b-2462
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.2℃/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

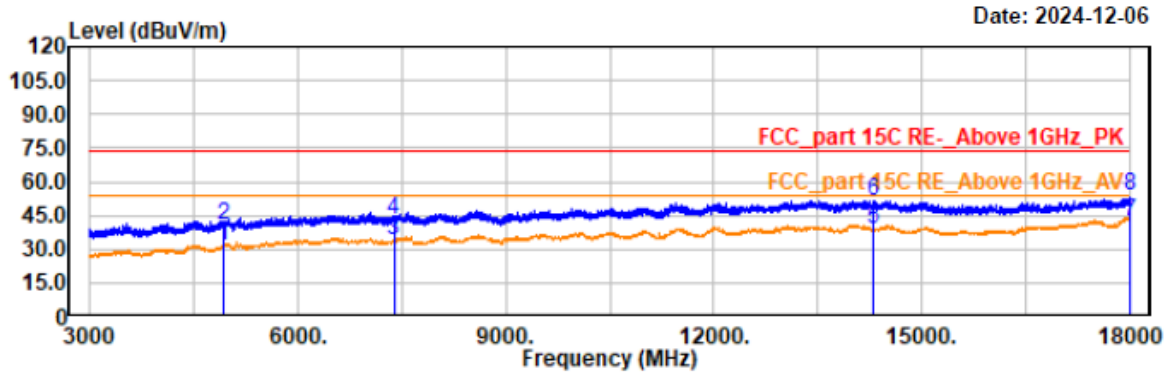


Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq	Reading	Factor	Result	Limit	Margin	Polarity	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
4924.00	35.05	-4.12	30.93	54.00	23.07	horizontal	Average
4924.50	44.37	-4.12	40.25	74.00	33.75	horizontal	Peak
7386.00	35.13	-1.62	33.51	54.00	20.49	horizontal	Average
7386.00	44.09	-1.62	42.47	74.00	31.53	horizontal	Peak
13509.00	34.40	4.82	39.22	54.00	14.78	horizontal	Average
13509.00	47.15	4.82	51.97	74.00	22.03	horizontal	Peak
17997.00	33.99	7.74	41.73	54.00	12.27	horizontal	Average
17997.00	45.11	7.74	52.85	74.00	21.15	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11b-2462
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.2℃/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



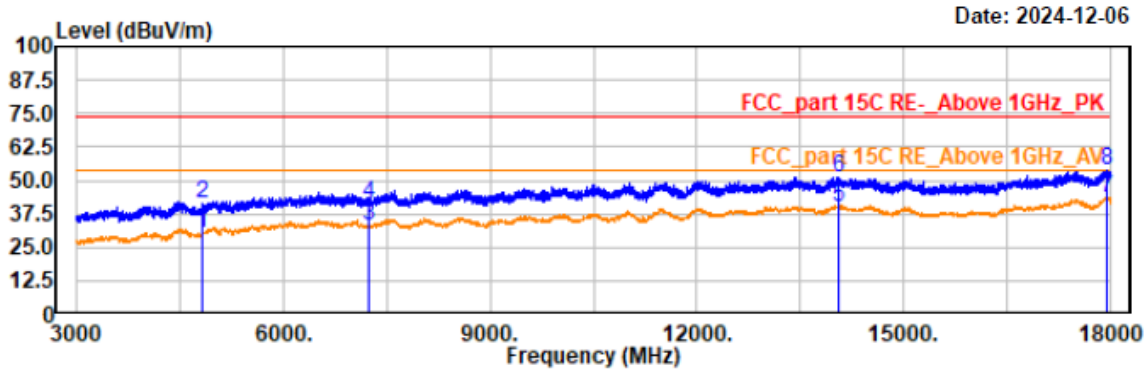
Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4924.00	35.34	-4.12	31.22	54.00	22.78	vertical	Average
4924.50	44.54	-4.12	40.42	74.00	33.58	vertical	Peak
7386.00	35.39	-1.62	33.77	54.00	20.23	vertical	Average
7386.00	44.36	-1.62	42.74	74.00	31.26	vertical	Peak
14311.50	33.51	5.20	38.71	54.00	15.29	vertical	Average
14311.50	46.33	5.20	51.53	74.00	22.47	vertical	Peak
17999.50	34.54	7.74	42.28	54.00	11.72	vertical	Average
17999.50	45.97	7.74	53.71	74.00	20.29	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11g low channel with Chain 1(Ant 2).

Project No.: 2407V46068E-RF
Test Mode: 11g-2412
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.2℃/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

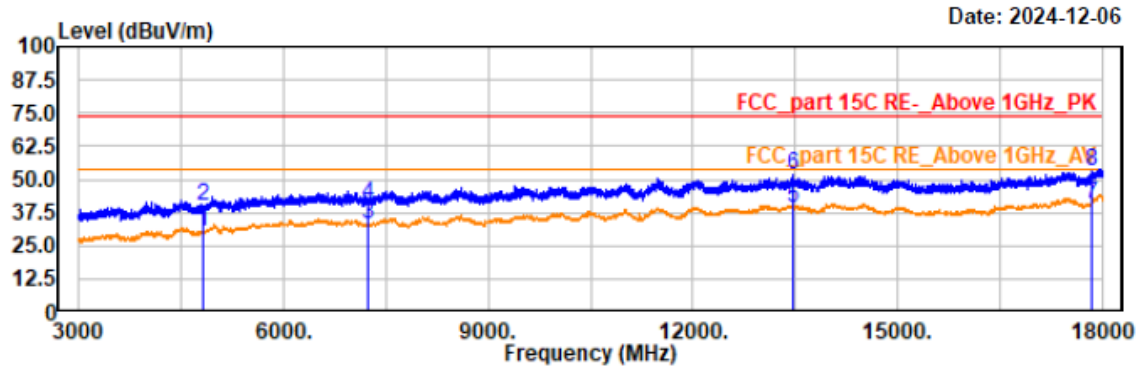


Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4824.00	34.57	-4.39	30.18	54.00	23.82	horizontal	Average
4824.00	45.53	-4.39	41.14	74.00	32.86	horizontal	Peak
7236.00	34.46	-1.70	32.76	54.00	21.24	horizontal	Average
7236.00	43.40	-1.70	41.70	74.00	32.30	horizontal	Peak
14062.50	34.95	5.17	40.12	54.00	13.88	horizontal	Average
14062.50	46.09	5.17	51.26	74.00	22.74	horizontal	Peak
17958.00	36.05	7.68	43.73	54.00	10.27	horizontal	Average
17958.00	46.25	7.68	53.93	74.00	20.07	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11g-2412
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.2℃/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



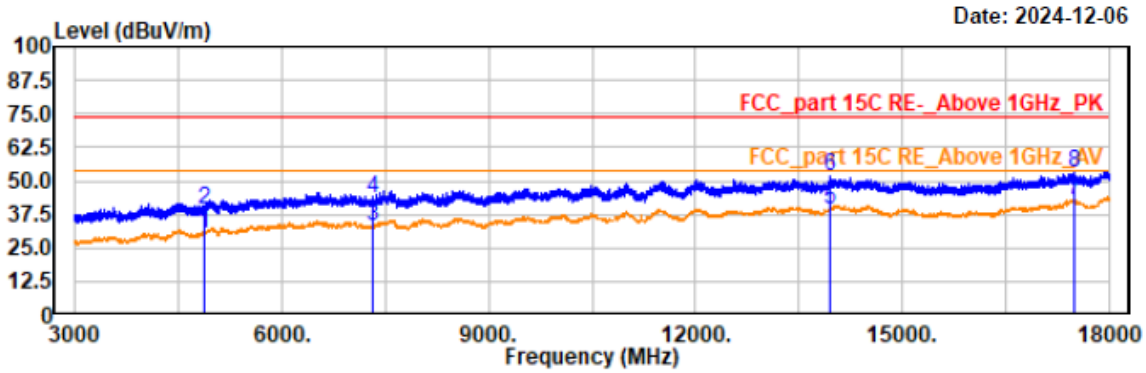
Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4824.00	34.61	-4.39	30.22	54.00	23.78	vertical	Average
4824.00	44.54	-4.39	40.15	74.00	33.85	vertical	Peak
7236.00	34.53	-1.70	32.83	54.00	21.17	vertical	Average
7236.00	42.56	-1.70	40.86	74.00	33.14	vertical	Peak
13456.50	34.61	4.82	39.43	54.00	14.57	vertical	Average
13456.50	46.60	4.82	51.42	74.00	22.58	vertical	Peak
17835.00	33.63	7.36	40.99	54.00	13.01	vertical	Average
17835.00	46.02	7.36	53.38	74.00	20.62	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11g middle channel with Chain 1(Ant 2).

Project No.: 2407V46068E-RF
Test Mode: 11g-2437
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.2℃/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

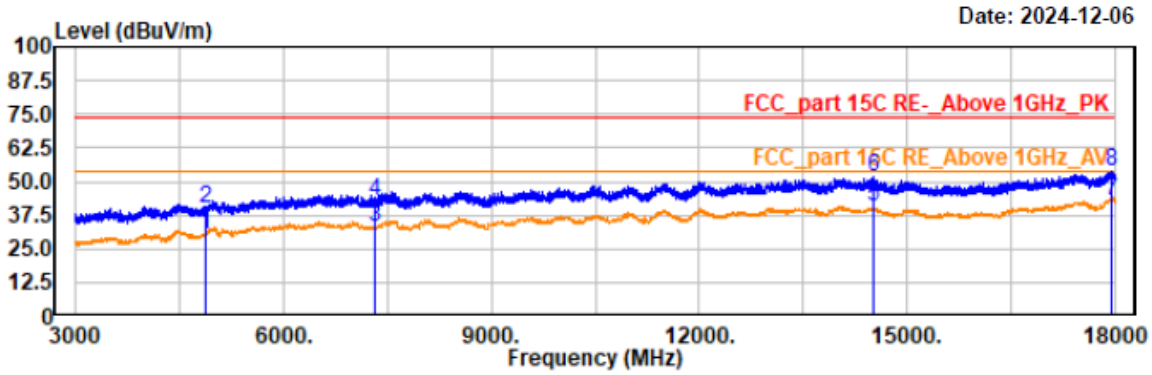


Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq	Reading	Factor	Result	Limit	Margin	Polarity	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
4873.50	34.65	-4.26	30.39	54.00	23.61	horizontal	Average
4873.50	43.37	-4.26	39.11	74.00	34.89	horizontal	Peak
7311.00	34.88	-1.63	33.25	54.00	20.75	horizontal	Average
7311.00	45.12	-1.63	43.49	74.00	30.51	horizontal	Peak
13939.50	34.35	5.11	39.46	54.00	14.54	horizontal	Average
13939.50	46.56	5.11	51.67	74.00	22.33	horizontal	Peak
17497.50	36.20	6.27	42.47	54.00	11.53	horizontal	Average
17497.50	46.51	6.27	52.78	74.00	21.22	horizontal	Peak

Project No.: 2407V46068E-RF
Test Mode: 11g-2437
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.2℃/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



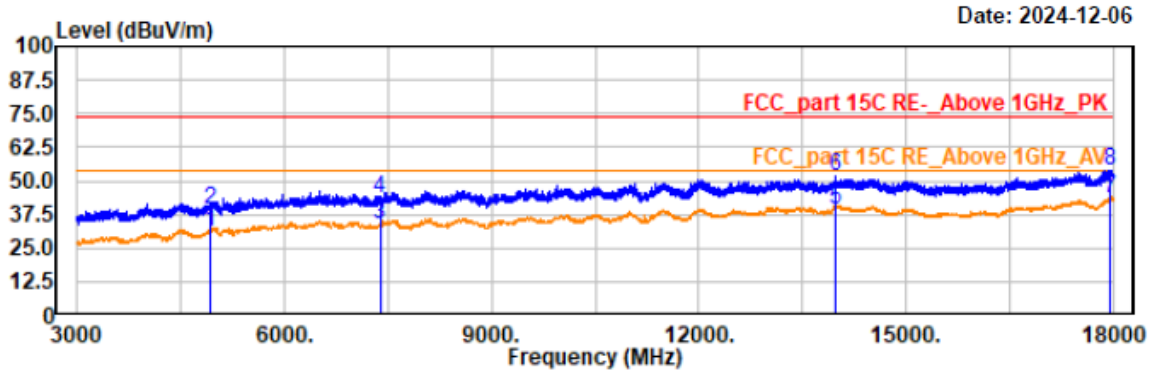
Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq	Reading	Factor	Result	Limit	Margin	Polarity	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
4873.50	34.91	-4.26	30.65	54.00	23.35	vertical	Average
4873.50	44.29	-4.26	40.03	74.00	33.97	vertical	Peak
7311.00	34.86	-1.63	33.23	54.00	20.77	vertical	Average
7311.00	44.21	-1.63	42.58	74.00	31.42	vertical	Peak
14514.00	35.85	4.97	40.82	54.00	13.18	vertical	Average
14514.00	46.55	4.97	51.52	74.00	22.48	vertical	Peak
17941.50	35.42	7.65	43.07	54.00	10.93	vertical	Average
17941.50	46.12	7.65	53.77	74.00	20.23	vertical	Peak

EUT operation mode: Transmitting in Wifi 802.11g high channel with Chain 1(Ant 2).

Project No.: 2407V46068E-RF
Test Mode: 11g-2462
EUT Model: M150i
Test distance: 3m

Temp/Humi/ATM: 23.2℃/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Trace: 1
Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4924.00	35.18	-4.12	31.06	54.00	22.94	horizontal	Average
4924.50	43.66	-4.12	39.54	74.00	34.46	horizontal	Peak
7386.00	35.26	-1.62	33.64	54.00	20.36	horizontal	Average
7386.00	44.83	-1.62	43.21	74.00	30.79	horizontal	Peak
13984.50	34.43	5.10	39.53	54.00	14.47	horizontal	Average
13984.50	46.30	5.10	51.40	74.00	22.60	horizontal	Peak
17949.00	35.65	7.67	43.32	54.00	10.68	horizontal	Average
17949.00	46.22	7.67	53.89	74.00	20.11	horizontal	Peak