

# TEST REPORT

of

## FCC Part 15 Subpart C

Product: **AIoT Module**  
Brand: **Winstec**  
Main Model: **SM35B02**  
Series Model: **N/A**  
Model Difference: **N/A**  
FCC ID: **2AOAOSM35B02**  
FCC Rule Part: **§15.247, Cat: DTS**  
Reference: **ANSI C63.10: 2013**  
**KDB 558074 D01 v05r02**  
Applicant: **Winstec Corporation**  
Address: **9F.-2, No.160, Sec. 6, Minquan E. Rd., Neihu Dist., Taipei 114, Taiwan**

Test Performed by:



**International Standards Laboratory Corp. LT Lab.**

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No. 120, Lane 180, Hsin Ho Rd., Lung-Tan Dist., Tao Yuan City 325,  
Taiwan

Report No.: **ISL-23LR0158FC DTS**

Issue Date : **March 29, 2024**



Test results given in this report apply only to the specific sample(s) tested and are traceable to national or international standard through calibration of the equipment and evaluating measurement uncertainty herein. According to customer agreement, the laboratory issues test reports based on the regulations or standards specifications, the measurement uncertainty is not considered in conformity decision rules.

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### VERIFICATION OF COMPLIANCE

**Applicant:** Winstec Corporation  
**Equipment Under Test:** AIoT Module  
**Brand:** Winstec  
**Main Model:** SM35B02  
**Series Model:** N/A  
**Model Difference:** N/A  
**FCC ID:** 2AOAOSM35B02  
**Date of Test:** October 26, 2023 ~ March 29, 2024  
**Date of EUT Received:** October 26, 2023

APPLICABLE STANDARDS	
STANDARD	TEST RESULT
FCC Part 15.247	Complied

**We hereby certify that:**

All the tests in this report have been performed and recorded in accordance with the standards described above and performed by an independent electromagnetic compatibility consultant, International Standards Laboratory Corp.

The test results contained in this report accurately represent the measurements of the characteristics and the energy generated by sample equipment under test at the time of the test. The sample equipment tested as described in this report is in compliance with the limits of above standards.

**Test By:** Bill Huang **Date:** March 29, 2024  
 Bill Huang / Senior Engineer

**Prepared By:** Gigi Yeh **Date:** March 29, 2024  
 Gigi Yeh / Senior Engineer

**Approved By:** Jerry Liu **Date:** March 29, 2024  
 Jerry Liu / Manager

## Version

Version No.	Date	Description
00	March 29, 2024	Initial creation of document

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# 1. General

## 1.1 Description of EUT

General Information	
Product Name:	AIoT Module
Brand Name:	Winstec
Model Name:	SM35B02
Model Difference:	N/A
Temperature Range:	-20°C to +60°C
Power Supply:	5VdC from USB
WiFi Information	
WLAN Modular	RTL8735BDM N2CE7E8 GN12AA4
Frequency Range:	WLAN 2.4GHz Band 802.11b/g : 2412MHz-2462MHz 802.11n(HT20) : 2412MHz-2462MHz
Max Output Power:	2412MHz ~ 2462MHz: 18.98 dBm
Channel number:	WLAN 2.4GHz Band 802.11b/g : 11 802.11n(HT20) : 11
Product HW Version:	2V2
Product SW Version:	N/A
Product FW Version:	9.4c MP
Test SW Version:	1v9.6
RF power setting:	b low(21.25) mid(22.25) high(22.5) g low(15.25) mid(14.25) high(14) n20 low(16.5) mid(15.5) high(14.75)

	Antenna Type	Brand	Model	Peak Gain	Frequency Range	Connector Type
1	PCB	ShenZhen Powerful Technology CO., Limited	YL1360-WIFI-V1-L60	3.12 dBi	2400-2500 MHz	i-pex
2	PCB	ShenZhen Powerful Technology CO., Limited	YL1360-WIFI-V1-L60	4.54 dBi	5150-5850 MHz	i-pex

## **1.2 Special Accessories**

Not available for this EUT intended for grant.

## **1.3 Equipment Modifications**

Not available for this EUT intended for grant.

## 2. System Test Configuration

### 2.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

### 2.2 EUT Exercise

The EUT (Transmitter) was operated in the engineering mode to fix the Tx frequency that was for the purpose of the measurements.

### 2.3 Test Procedure

#### 2.3.1 AC Line Conducted Emissions

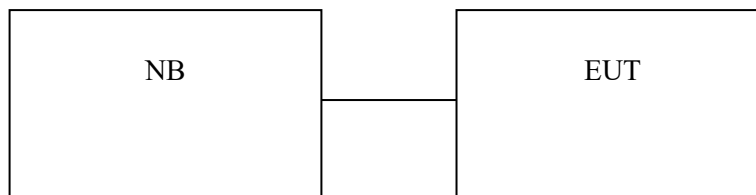
The EUT is placed on a turn table which is 0.8 m above ground plane. According to ANSI C63.10 and RSS-Gen. AC Line Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR 16-1-1 Quasi-Peak and Average detector mode.

#### 2.3.2 Radiated Emissions

The EUT is placed on a turn table which is 0.8 m/1.5m (Frequency above 1GHz) above ground plane. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the max. emission, the relative positions of this hand-held transmitter (EUT) was rotated through three orthogonal axes according to ANSI C63.10.

### 2.4 Configuration of Tested System

**Configuration of Tested System (Fixed channel)**



**Equipment Used in Tested System**

Item	Equipment	Mfr/Brand	Model/ Type No.	Series No.	Data Cable	Power Cord
1	NB	DEll	inspiron 15	34TL6F2	NA	280m



## 2.5 Duty factor

Mode	ON time (ms)	Total time (ms)	Duty Cycle	Duty Factor	1/Ton	VBW (kHz)
b	12.36	12.48	99.038%	0	0.080906	0.001
g	4.12	4.23	97.4%	0.114	0.243	1
HT20	3.82	3.92	97.449%	0.112	0.262	1

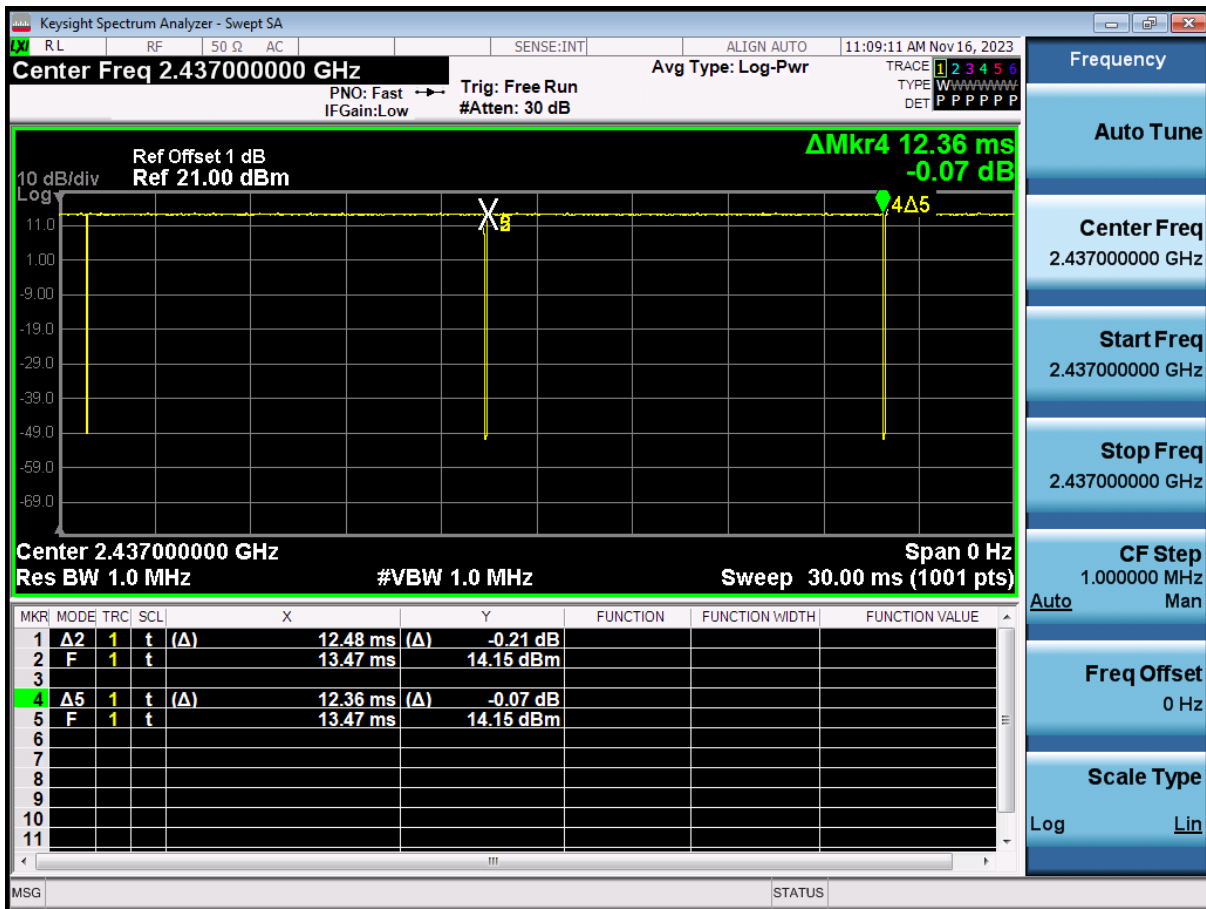
If duty cycle of test signal is  $\geq 98\%$ , duty factor is not required.

If duty cycle of test signal is  $< 98\%$ , duty factor shall be considered.

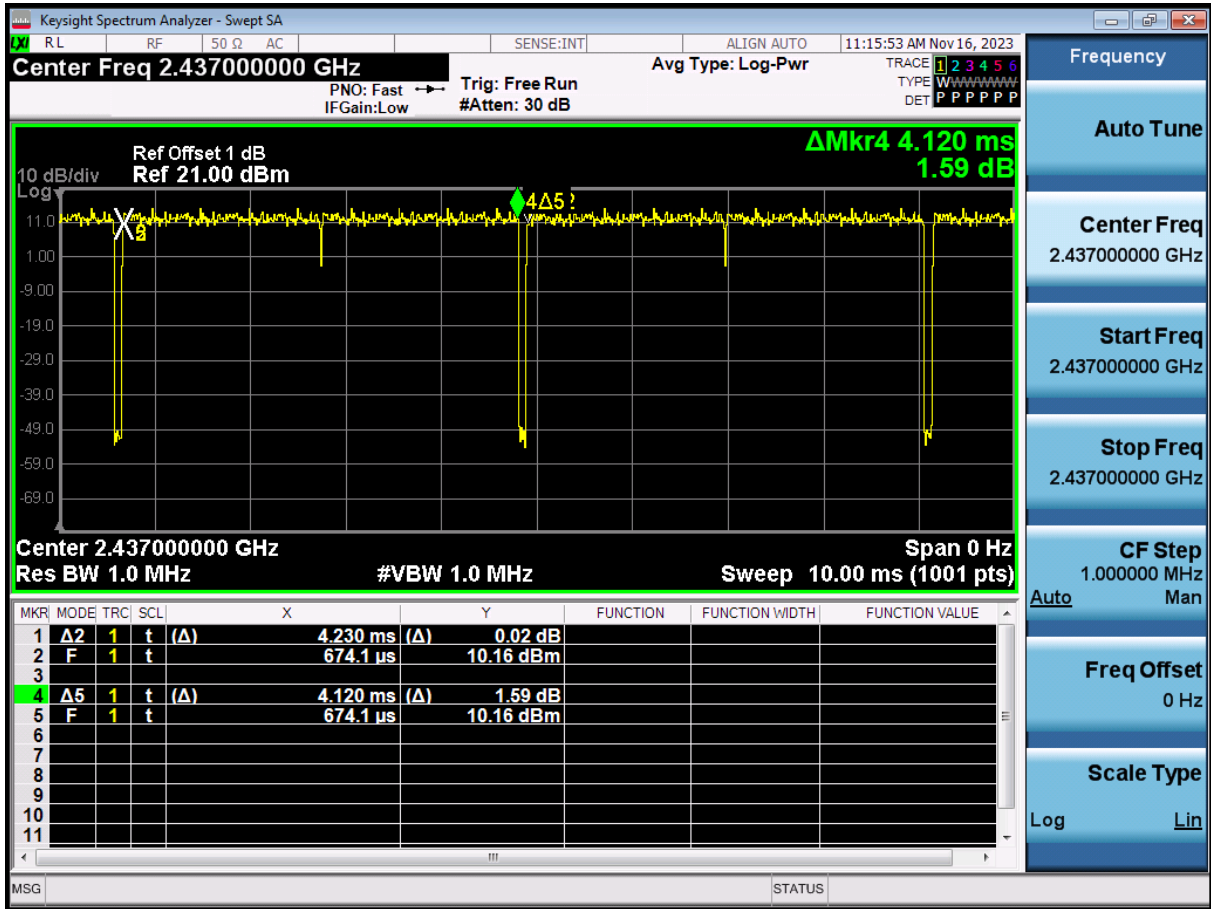
The output power = measured power + duty factor

For frequency above 1GHz, the video bandwidth setting for average detector:  $VBW \geq 1/Ton$

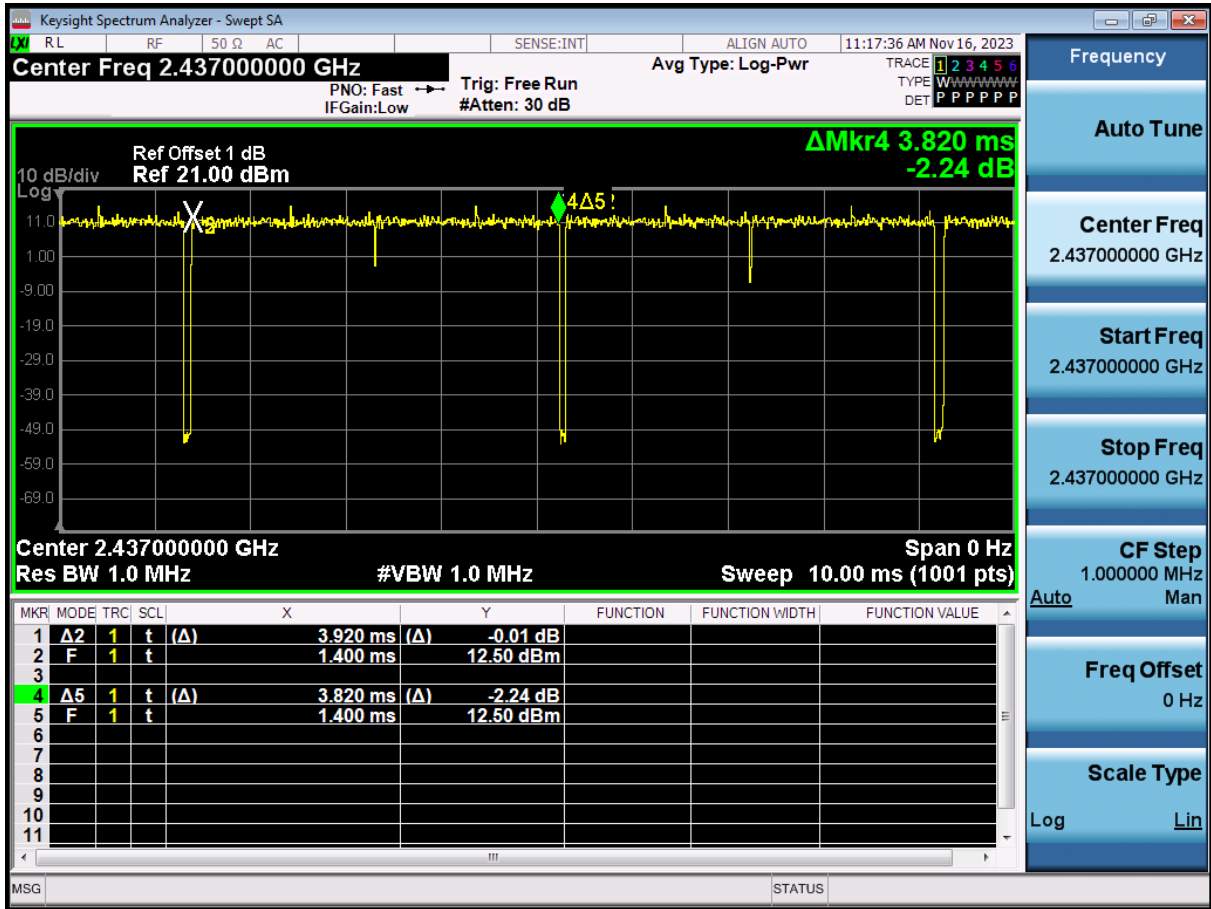
Test Data: b mode Duty



Test Data: g mode Duty



Test Data: 2.4G HT20 mode Duty



### 3. Summary of Test Results

FCC Rules	Description Of Test	Result
§15.207(a) RSS-Gen §8.8	AC Power Line Conducted Emission	Compliant
§15.247(b) (3), (4) RSS-247 issue 2, §5.4(4)	Peak Output Power/ EIRP	Compliant
§15.247(a)(2) RSS-247 issue 2, §5.2(1) RSS-Gen §6.6	6dB & 99% Power Bandwidth	Compliant
§15.247(d) RSS-247 issue 2, §5.5	100 kHz Bandwidth of Frequency Band Edges	Compliant
§15.247(d) RSS-247 issue 2, §5.5	Spurious Emission	Compliant
§15.247(e) RSS-247 issue 2, §5.2	Peak Power Density	Compliant
§15.203 RSS-GEN 8.3	Antenna Requirement	Compliant

### 4. Description of Test Modes

The EUT has been tested under engineering operating condition.

Test program used to control the EUT for staying in continuous transmitting mode is programmed.

802.11 b mode: Channel low (2412MHz), mid (2437MHz), high (2462MHz) with 1Mbps lowest data rate are chosen for full testing.

802.11 g mode: Channel low (2412MHz), mid (2437MHz), high (2462MHz) with 6Mbps lowest data rate are chosen for full testing.

802.11 n HT20: Channel low (2412MHz), mid (2437MHz), high (2462MHz) with 6.5Mbps lowest data rate are chosen for full testing.

## 5. AC Line Conduced Emission Test

### 5.1 Standard Applicable

According to §15.207, frequency range within 150kHz to 30MHz shall not exceed the Limit table as below.

Frequency range MHz	Limits dB(μV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50

Note

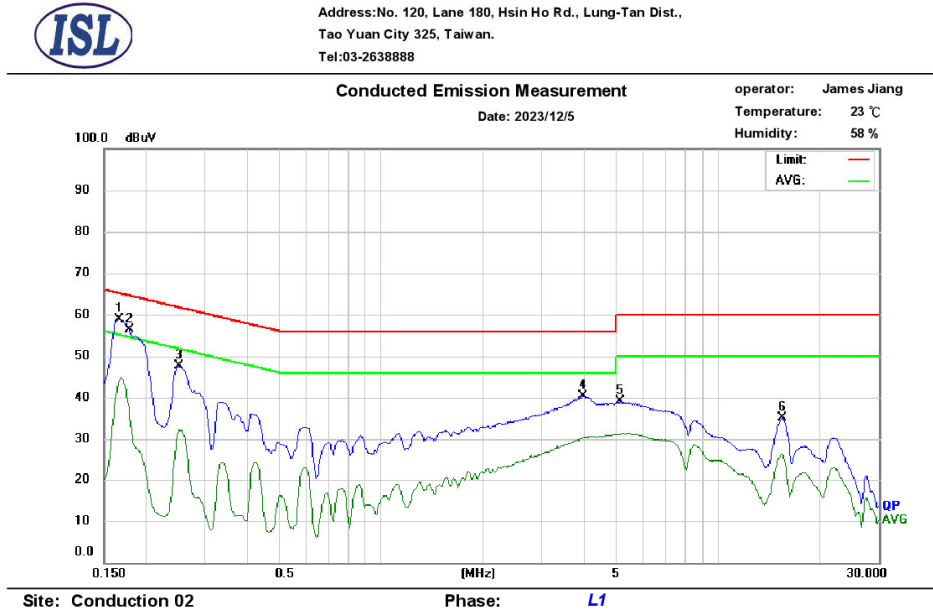
- 1.The lower limit shall apply at the transition frequencies
- 2.The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.

### 5.2 Measurement Procedure

1. The EUT was placed on a table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. Repeat above procedures until all frequency measured were complete.
4. Both 120V & 240V have been verified, and 120V/60Hz was defined as the worst-case and record in the report.

### 5.3 Measurement Result

- Line



No.	Frequency (MHz)	QP_R (dBuV)	AVG_R (dBuV)	Correct Factor (dB)	QP Emission (dBuV)	QP Limit (dBuV)	QP Margin (dB)	AVG Emission (dBuV)	AVG Limit (dBuV)	AVG Margin (dB)
1*	0.166	49.35	34.45	9.65	59.00	65.17	-6.17	44.10	55.17	-11.07
2	0.179	45.99	24.45	9.65	55.64	64.52	-8.88	34.10	54.52	-20.42
3	0.251	37.85	22.62	9.66	47.51	61.72	-14.21	32.28	51.72	-19.44
4	3.979	30.64	20.54	9.78	40.42	56.00	-15.58	30.32	46.00	-15.68
5	5.138	29.29	21.39	9.80	39.09	60.00	-20.91	31.19	50.00	-18.81
6	15.484	25.12	16.09	9.92	35.04	60.00	-24.96	26.01	50.00	-23.99

Note:

Margin = QP/AVG Emission - Limit

QP/AVG Emission = QP\_R/AVG\_R + Correct Factor

Correct Factor = LISN Loss + Cable Loss

The frequency spectrum graph is for final peak graph, and the attached table is for QP/AVG test result.

If peak data can pass, it will be shown in "QP/AVG Correct" column, if not, QP/AVG data will instead.

- Neutral



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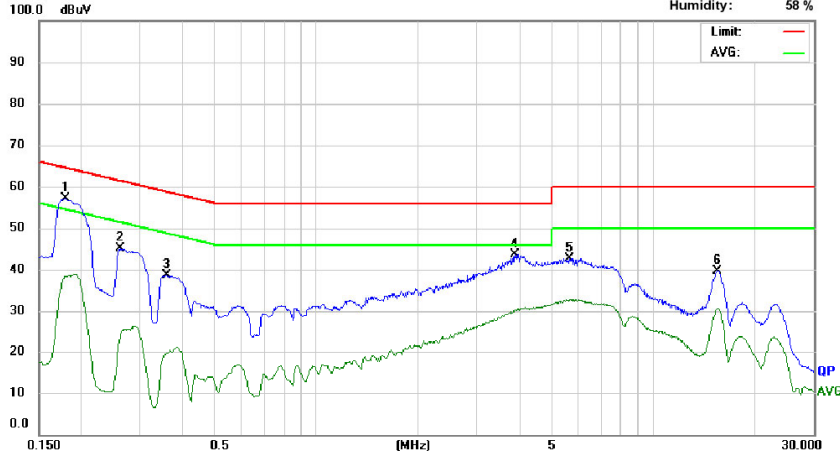
Conducted Emission Measurement

operator: James Jiang

Date: 2023/12/5

Temperature: 23 °C

Humidity: 58 %



Site: Conduction 02

Phase: N

No.	Frequency (MHz)	QP_R (dBuV)	AVG_R (dBuV)	Correct Factor (dB)	QP Emission (dBuV)	QP Limit (dBuV)	QP Margin (dB)	AVG Emission (dBuV)	AVG Limit (dBuV)	AVG Margin (dB)
1*	0.179	47.46	28.81	9.64	57.10	64.52	-7.42	38.45	54.52	-16.07
2	0.260	35.38	13.99	9.65	45.03	61.43	-16.40	23.64	51.43	-27.79
3	0.359	28.96	9.87	9.65	38.61	58.74	-20.13	19.52	48.74	-29.22
4	3.885	33.81	20.57	9.77	43.58	56.00	-12.42	30.34	46.00	-15.66
5	5.633	32.94	23.16	9.81	42.75	60.00	-17.25	32.97	50.00	-17.03
6	15.544	29.70	20.54	9.98	39.68	60.00	-20.32	30.52	50.00	-19.48

Note:

Margin = QP/AVG Emission - Limit

QP/AVG Emission = QP\_R/AVG\_R + Correct Factor

Correct Factor = LISN Loss + Cable Loss

The frequency spectrum graph is for final peak graph, and the attached table is for QP/AVG test result.

If peak data can pass, it will be shown in "QP/AVG Correct" column, if not, QP/AVG data will instead.

## 6. Peak Output Power Measurement

### 6.1 Standard Applicable

According to §15.247

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

(4) The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(c) Operation with directional antenna gains greater than 6 dBi.

(1) Fixed point-to-point operation:

(i) Systems operating in the 2400-2483.5 MHz band that are used exclusively for fixed, point-to-point operations may employ transmitting antennas with directional gain greater than 6 dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi.

(ii) Systems operating in the 5725-5850 MHz band that are used exclusively for fixed, point-to-point operations may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted output power.

### 6.2 Measurement Procedure

1. Place the EUT on the table and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the power meter or spectrum analyzer with proper instrument's parameters.
3. Record the max. reading.
4. Repeat above procedures until all frequency measured were complete.



### 6.3 Measurement Result

Peak Power

Mode	Freq. (MHz)	Output Power (dBm)				Duty Factor (dB)	Total Output Power (dBm)	Output Power Limit (dBm)
		Chain 0	Chain 1	Chain 2	Chain 3			
802.11b	2412	18.89	/	/	/	-----	18.89	30
	2437	18.93	/	/	/	-----	18.93	30
	2462	18.70	/	/	/	-----	18.70	30
802.11g	2412	18.85	/	/	/	-----	18.85	30
	2437	18.86	/	/	/	-----	18.86	30
	2462	18.98	/	/	/	-----	18.98	30
802.11n HT20	2412	18.70	/	/	/	-----	18.70	30
	2437	18.90	/	/	/	-----	18.90	30
	2462	18.83	/	/	/	-----	18.83	30

## 7. Radiated Spurious Emission Test

### 7.1 Standard Applicable

According to §15.247(d), all other emissions outside these bands shall not exceed the general radiated emission limits specified in §15.209(a). And according to §15.33(a)(1), for an intentional radiator operates below 10GHz, the frequency range of measurements: to the tenth harmonic of the highest fundamental frequency or to 40GHz, whichever is lower.

### 7.2 Measurement Procedure

1. The EUT was placed on a turn table which is 0.8m/1.5m above ground plane in 966 chamber.
2. The turn table shall rotate 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emissions.
4. When measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made “while keeping the antenna in the ‘cone of radiation’ from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response.” is still within the 3dB illumination BW of the measurement antenna.
5. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
6. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
7. Repeat above procedures until all frequency measured were complete.

Test receiver setting	: Blew 1GHz
Detector	: Average (9kHz – 90kHz, 110kHz – 90kHz), Quasi-Peak
Bandwidth	: 200Hz, 120kHz
Test spectrum setting	: Above 1GHz
Peak	: RBW=1MHz, VBW≥3*RBW, Sweep=auto
Average	: RBW=1MHz, VBW≥ 1/T <sub>on</sub> , Sweep=auto

### 7.3 Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CL - AG$$

Where	FS = Field Strength	CL = Cable Attenuation Factor (Cable Loss)
	RA = Reading Amplitude	AG = Amplifier Gain
	AF = Antenna Factor	

Remark:

<1GHz

1. No further spurious emissions detected from the lowest internal frequency and 30MHz.
2. Measuring frequencies from the lowest internal frequency to the 1GHz.
3. Radiated emissions measured in frequency range from 9kHz to 1000MHz were made with an instrument detector setting 9-90kHz/110-490kHz using PK/AV and other Frequency Band using PK/QP
4. Measurement result within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

>1GHz

- 5 Measuring frequencies from the lowest internal frequency to the 10th of fundamental frequency
- 6 Field strength limits for frequency above 1000MHz are based on average limits. However, Peak mode field strength shall not exceed the average limits specified plus 20dB.
- 7 Measurement of data within this frequency range shown “ - ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

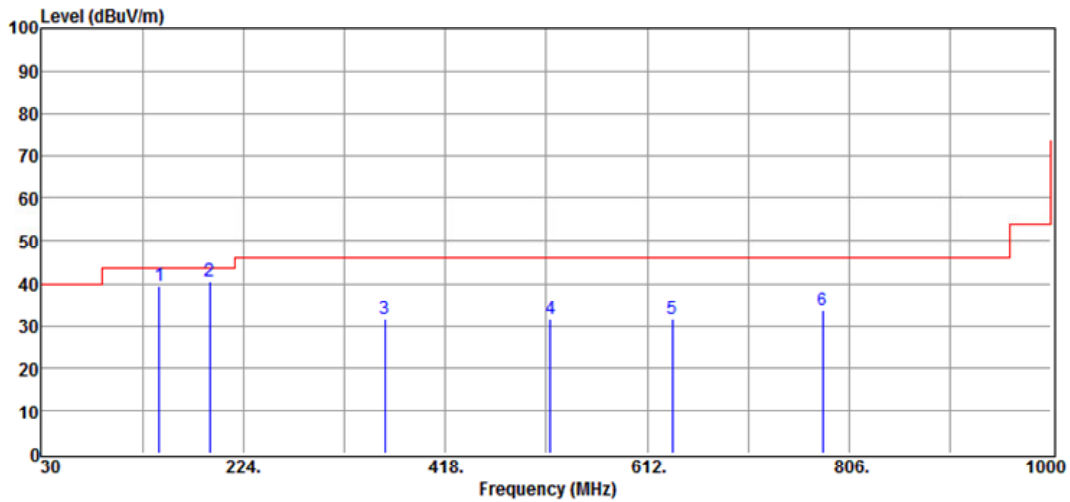
## 7.4 Measurement Result

### 7.4.1 Radiated Spurious Emission Measurement Result (below 1GHz)

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Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2024-04-03

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G b mode Tx low ch Tested by : Bill Huang

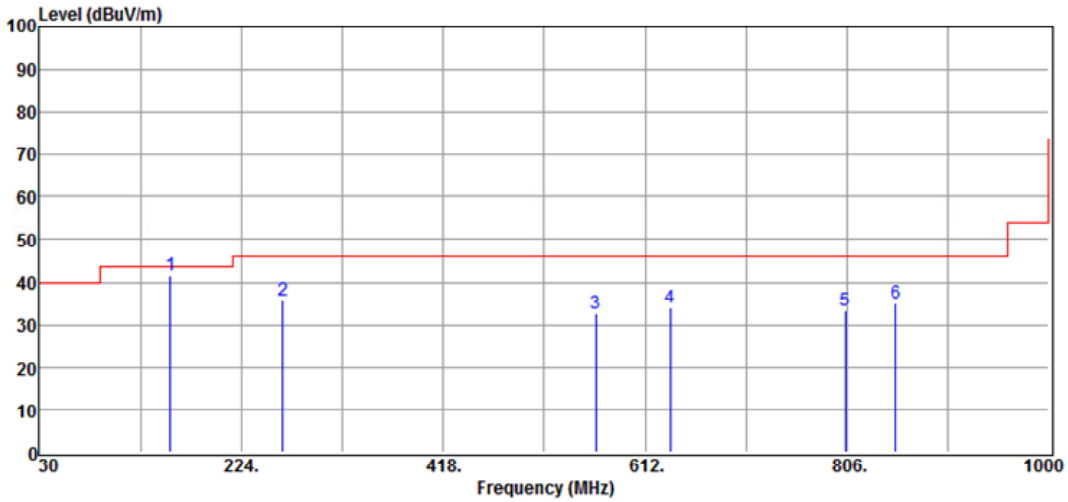


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	143.49	48.43	-8.97	39.46	43.50	-4.04	Peak	VERTICAL
2	191.99	51.97	-11.41	40.56	43.50	-2.94	Peak	VERTICAL
3	359.80	37.98	-6.54	31.44	46.00	-14.56	Peak	VERTICAL
4	518.88	34.01	-2.52	31.49	46.00	-14.51	Peak	VERTICAL
5	636.25	31.71	0.02	31.73	46.00	-14.27	Peak	VERTICAL
6	780.78	31.10	2.42	33.52	46.00	-12.48	Peak	VERTICAL

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
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Date: 2024-04-03

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Test Mode : Wifi2G b mode Tx low ch Tested by : Bill Huang

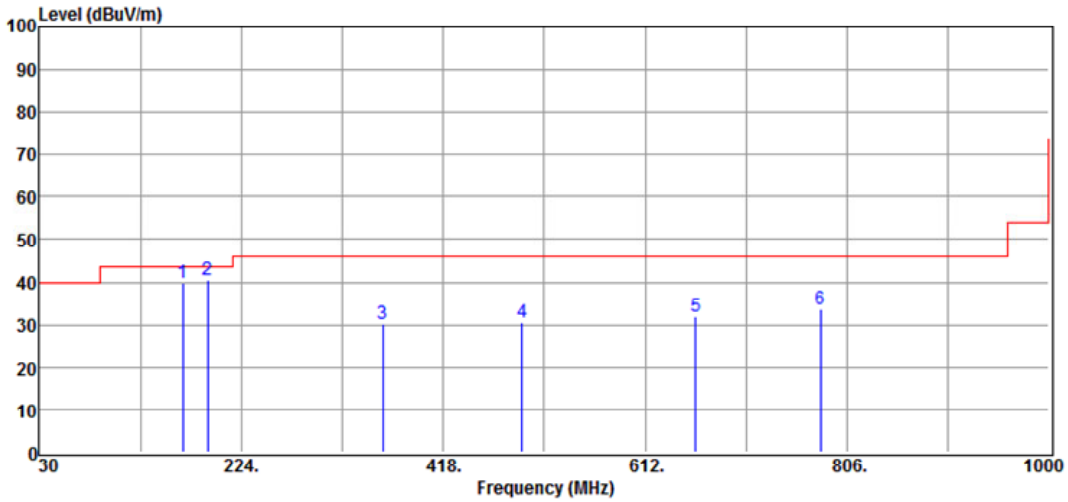


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	156.10	50.03	-8.58	41.45	43.50	-2.05	Peak	HORIZONTAL
2	263.77	45.02	-9.35	35.67	46.00	-10.33	Peak	HORIZONTAL
3	564.47	34.67	-1.86	32.81	46.00	-13.19	Peak	HORIZONTAL
4	636.25	33.96	0.02	33.98	46.00	-12.02	Peak	HORIZONTAL
5	804.06	30.83	2.61	33.44	46.00	-12.56	Peak	HORIZONTAL
6	852.56	31.83	3.36	35.19	46.00	-10.81	Peak	HORIZONTAL

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
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Date: 2024-04-03

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G b mode Tx mid ch Tested by : Bill Huang

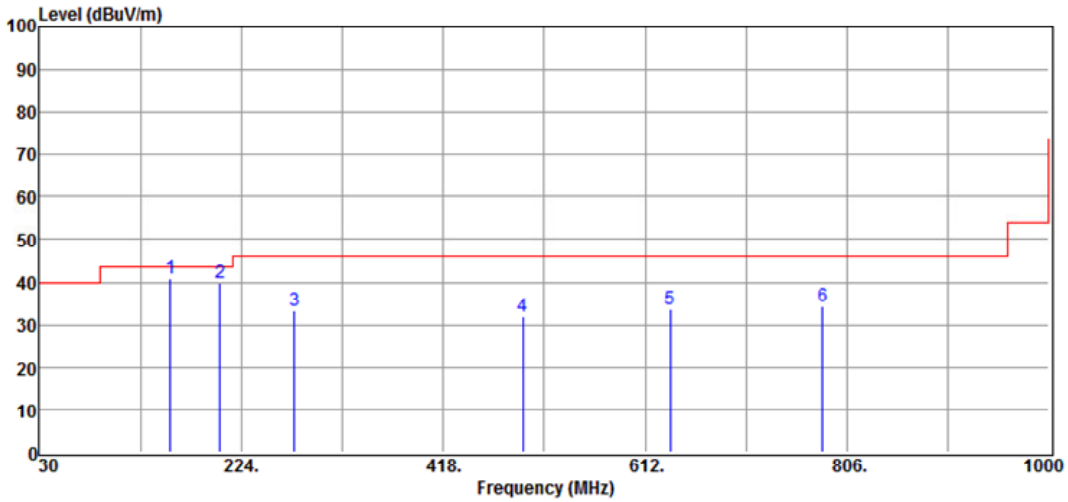


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	167.74	48.90	-8.98	39.92	43.50	-3.58	Peak	VERTICAL
2	191.99	51.97	-11.41	40.56	43.50	-2.94	Peak	VERTICAL
3	359.80	36.66	-6.54	30.12	46.00	-15.88	Peak	VERTICAL
4	493.66	33.86	-3.19	30.67	46.00	-15.33	Peak	VERTICAL
5	660.50	31.90	0.11	32.01	46.00	-13.99	Peak	VERTICAL
6	780.78	31.20	2.42	33.62	46.00	-12.38	Peak	VERTICAL

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2024-04-03

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G b mode Tx mid ch Tested by : Bill Huang

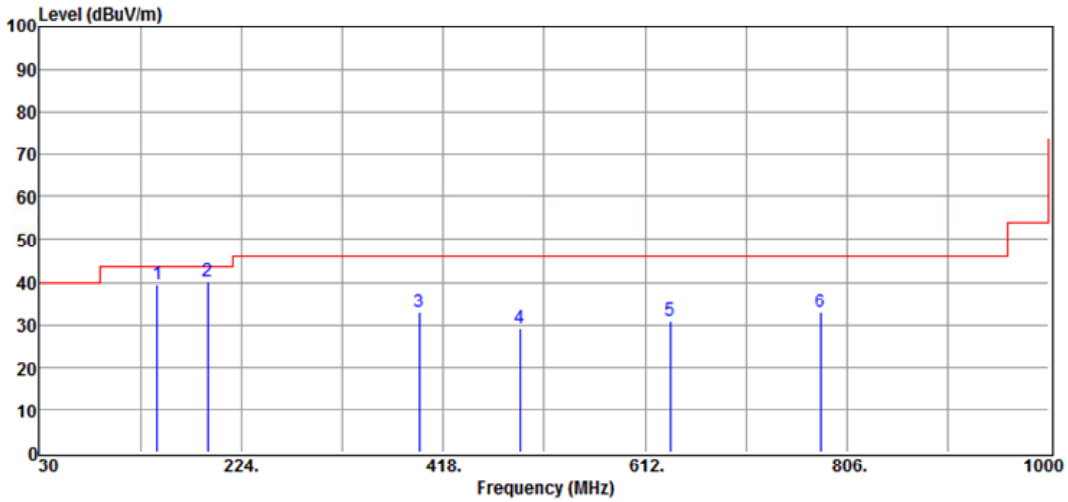


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	156.10	49.49	-8.58	40.91	43.50	-2.59	Peak	HORIZONTAL
2	203.63	51.56	-11.78	39.78	43.50	-3.72	Peak	HORIZONTAL
3	275.41	41.99	-8.65	33.34	46.00	-12.66	Peak	HORIZONTAL
4	494.63	35.07	-3.18	31.89	46.00	-14.11	Peak	HORIZONTAL
5	636.25	33.71	0.02	33.73	46.00	-12.27	Peak	HORIZONTAL
6	782.72	31.90	2.39	34.29	46.00	-11.71	Peak	HORIZONTAL

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2024-04-03

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G b mode Tx high ch Tested by : Bill Huang



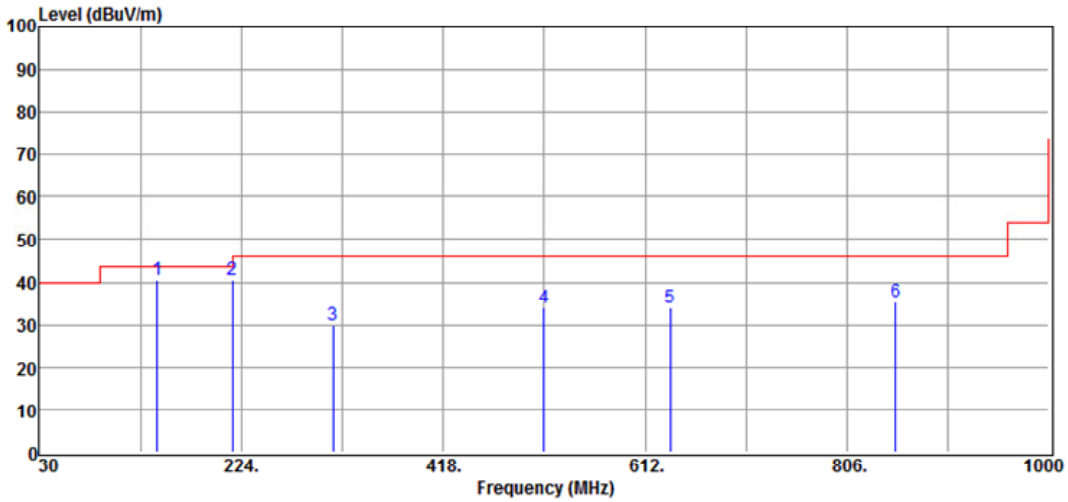
No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	143.49	48.59	-8.97	39.62	43.50	-3.88	Peak	VERTICAL
2	191.99	51.79	-11.41	40.38	43.50	-3.12	Peak	VERTICAL
3	394.72	38.29	-5.42	32.87	46.00	-13.13	Peak	VERTICAL
4	491.72	32.48	-3.20	29.28	46.00	-16.72	Peak	VERTICAL
5	636.25	30.84	0.02	30.86	46.00	-15.14	Peak	VERTICAL
6	780.78	30.68	2.42	33.10	46.00	-12.90	Peak	VERTICAL



International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2024-04-03

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G b mode Tx high ch Tested by : Bill Huang

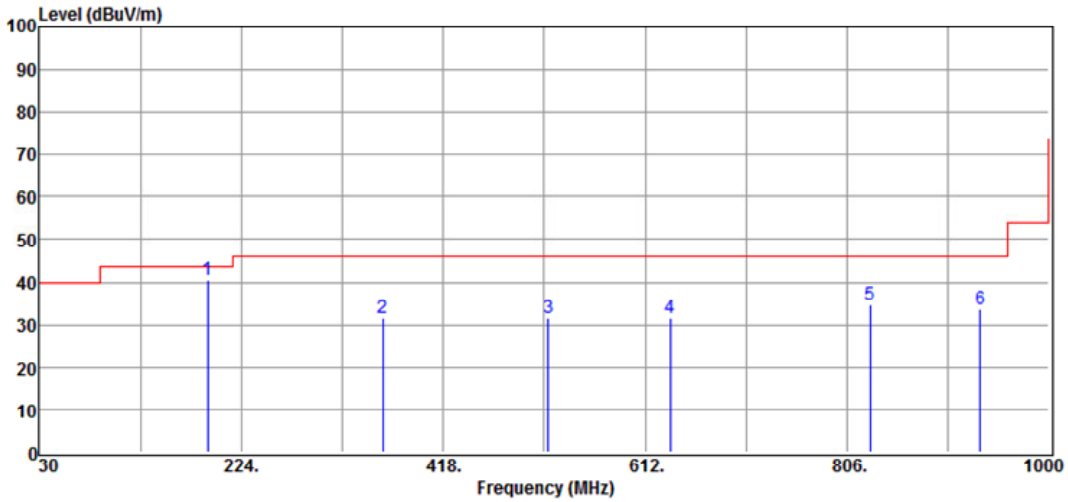


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	143.49	49.61	-8.97	40.64	43.50	-2.86	Peak	HORIZONTAL
2	215.27	52.40	-11.71	40.69	43.50	-2.81	Peak	HORIZONTAL
3	312.27	37.17	-7.42	29.75	46.00	-16.25	Peak	HORIZONTAL
4	515.00	36.51	-2.62	33.89	46.00	-12.11	Peak	HORIZONTAL
5	636.25	34.02	0.02	34.04	46.00	-11.96	Peak	HORIZONTAL
6	852.56	32.02	3.36	35.38	46.00	-10.62	Peak	HORIZONTAL

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2023-12-06

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G g mode Tx low ch Tested by : Bill Huang

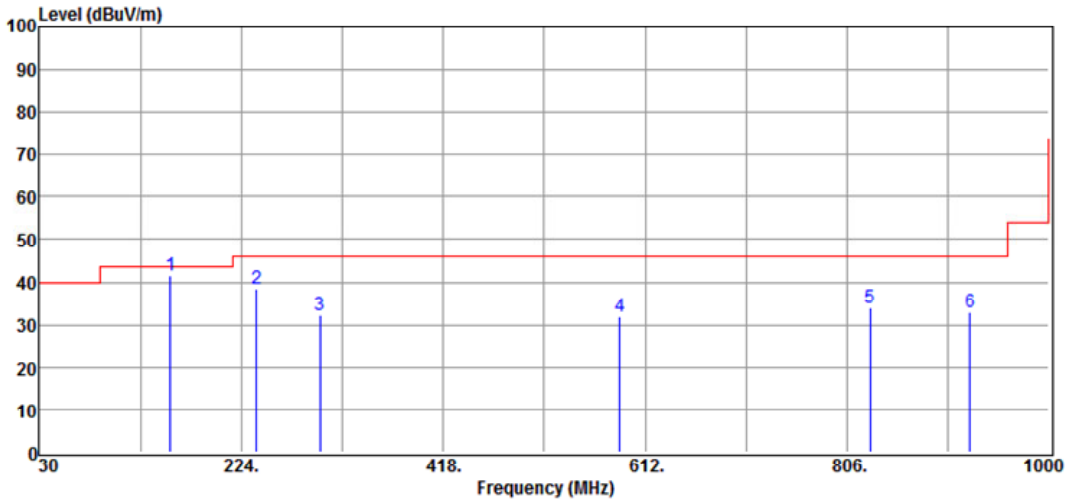


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	191.99	53.50	-12.94	40.56	43.50	-2.94	Peak	VERTICAL
2	359.80	39.71	-8.27	31.44	46.00	-14.56	Peak	VERTICAL
3	518.88	35.40	-3.91	31.49	46.00	-14.51	Peak	VERTICAL
4	636.25	32.96	-1.23	31.73	46.00	-14.27	Peak	VERTICAL
5	828.31	32.91	1.65	34.56	46.00	-11.44	Peak	VERTICAL
6	934.04	30.08	3.43	33.51	46.00	-12.49	Peak	VERTICAL

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2023-12-06

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G g mode Tx low ch Tested by : Bill Huang

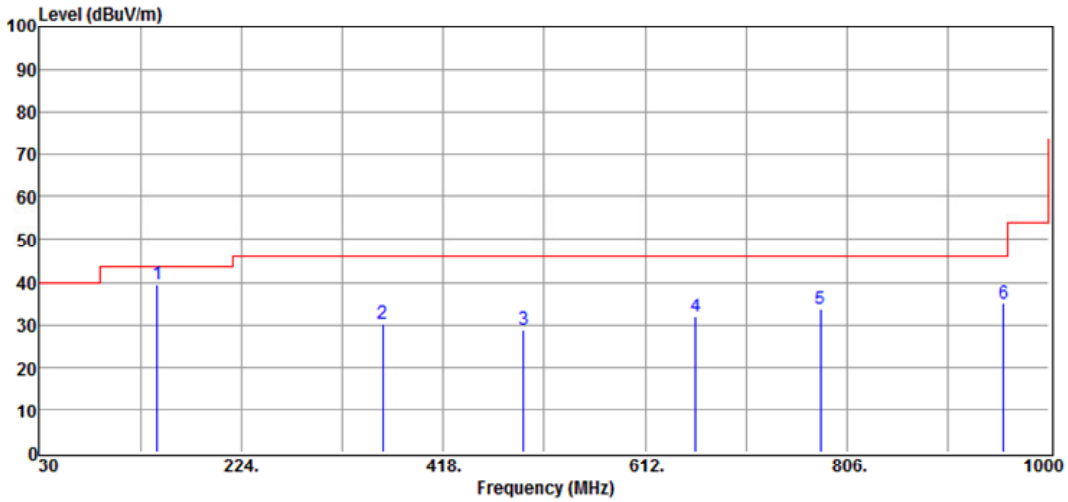


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	156.10	51.66	-10.21	41.45	43.50	-2.05	Peak	HORIZONTAL
2	238.55	50.29	-11.78	38.51	46.00	-7.49	Peak	HORIZONTAL
3	299.66	41.64	-9.50	32.14	46.00	-13.86	Peak	HORIZONTAL
4	587.75	34.22	-2.33	31.89	46.00	-14.11	Peak	HORIZONTAL
5	828.31	32.47	1.65	34.12	46.00	-11.88	Peak	HORIZONTAL
6	924.34	29.73	3.10	32.83	46.00	-13.17	Peak	HORIZONTAL

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2023-12-06

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G g mode Tx mid ch Tested by : Bill Huang

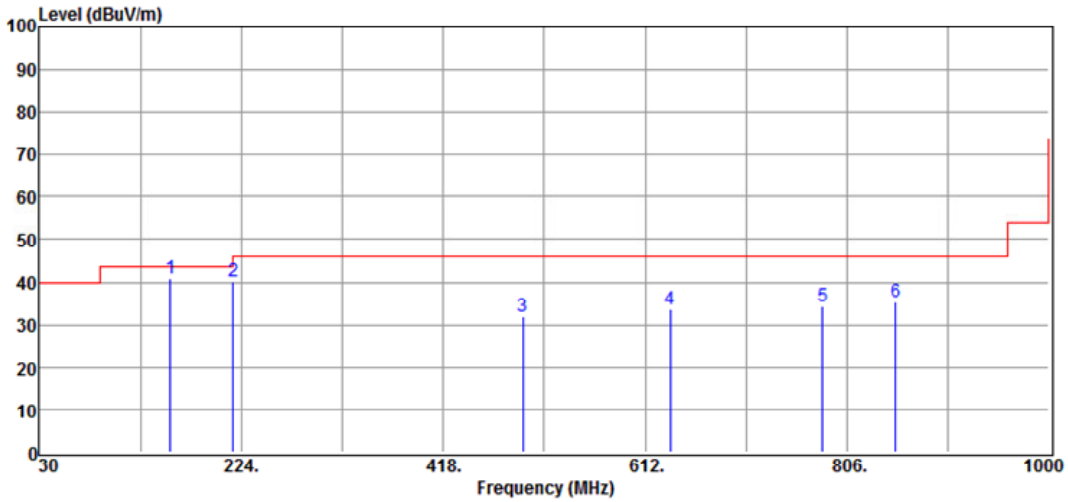


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	143.49	49.90	-10.26	39.64	43.50	-3.86	Peak	VERTICAL
2	359.80	38.39	-8.27	30.12	46.00	-15.88	Peak	VERTICAL
3	495.60	33.16	-4.38	28.78	46.00	-17.22	Peak	VERTICAL
4	660.50	32.99	-0.98	32.01	46.00	-13.99	Peak	VERTICAL
5	780.78	32.62	1.00	33.62	46.00	-12.38	Peak	VERTICAL
6	956.35	31.64	3.41	35.05	46.00	-10.95	Peak	VERTICAL

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2023-12-06

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G g mode Tx mid ch Tested by : Bill Huang

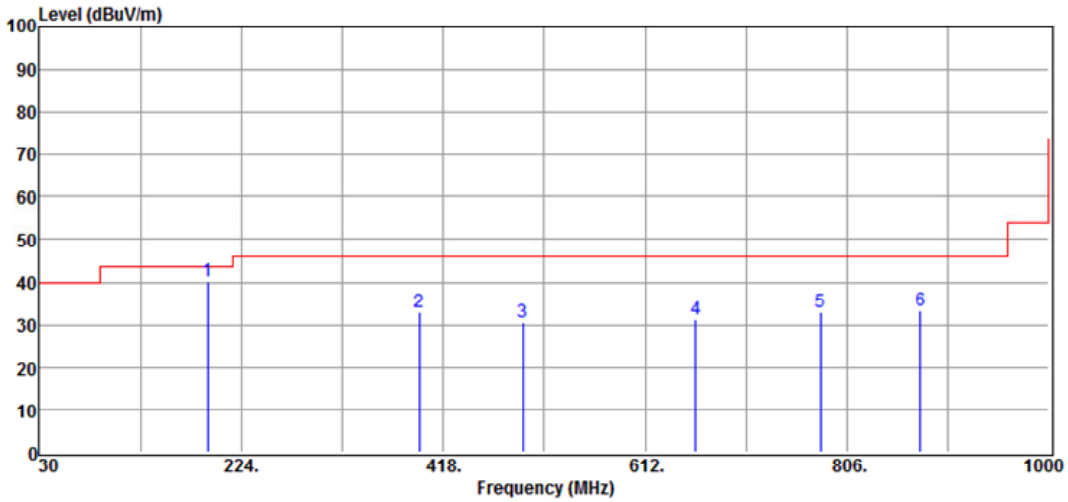


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	156.10	51.12	-10.21	40.91	43.50	-2.59	Peak	HORIZONTAL
2	216.24	53.43	-13.06	40.37	46.00	-5.63	Peak	HORIZONTAL
3	494.63	36.28	-4.39	31.89	46.00	-14.11	Peak	HORIZONTAL
4	636.25	34.96	-1.23	33.73	46.00	-12.27	Peak	HORIZONTAL
5	782.72	33.31	0.98	34.29	46.00	-11.71	Peak	HORIZONTAL
6	852.56	33.48	1.82	35.30	46.00	-10.70	Peak	HORIZONTAL

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2023-12-06

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G g mode Tx high ch Tested by : Bill Huang

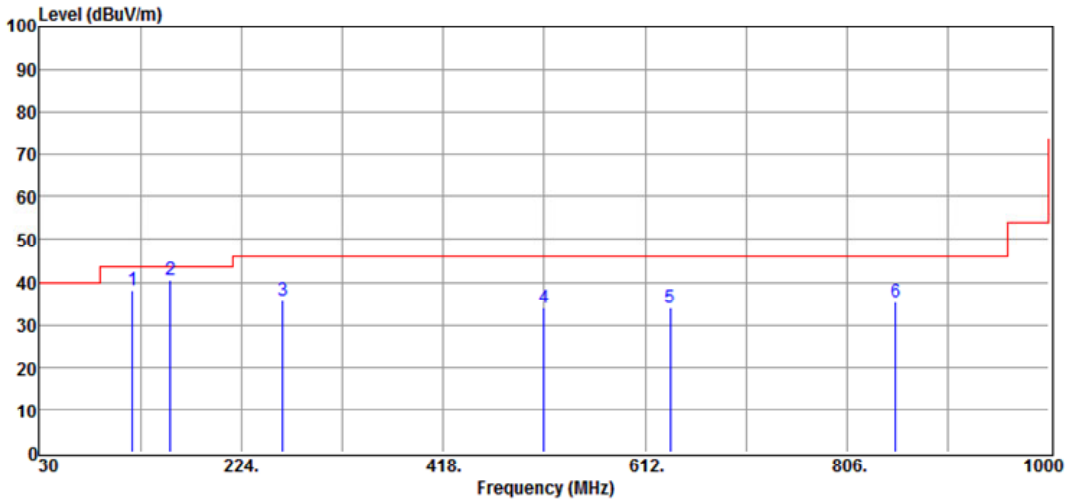


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	191.99	53.32	-12.94	40.38	43.50	-3.12	Peak	VERTICAL
2	394.72	39.72	-6.85	32.87	46.00	-13.13	Peak	VERTICAL
3	494.63	34.85	-4.39	30.46	46.00	-15.54	Peak	VERTICAL
4	660.50	32.30	-0.98	31.32	46.00	-14.68	Peak	VERTICAL
5	780.78	32.10	1.00	33.10	46.00	-12.90	Peak	VERTICAL
6	876.81	31.62	1.88	33.50	46.00	-12.50	Peak	VERTICAL

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2023-12-06

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G g mode Tx high ch Tested by : Bill Huang

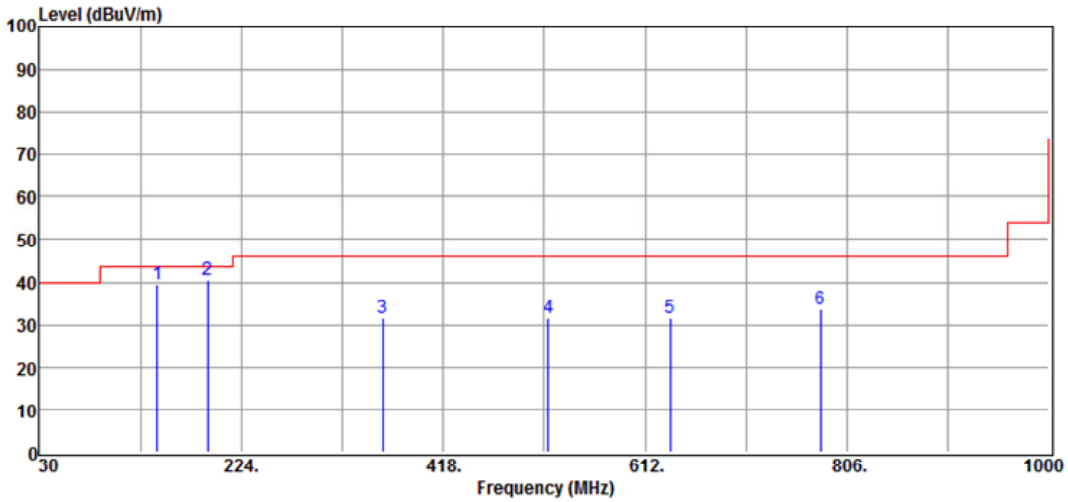


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	119.24	51.07	-12.92	38.15	43.50	-5.35	Peak	HORIZONTAL
2	156.10	50.85	-10.21	40.64	43.50	-2.86	Peak	HORIZONTAL
3	263.77	46.42	-10.59	35.83	46.00	-10.17	Peak	HORIZONTAL
4	515.00	37.90	-4.01	33.89	46.00	-12.11	Peak	HORIZONTAL
5	636.25	35.27	-1.23	34.04	46.00	-11.96	Peak	HORIZONTAL
6	852.56	33.56	1.82	35.38	46.00	-10.62	Peak	HORIZONTAL

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2024-04-03

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G n20 mode Tx low ch Tested by : Bill Huang



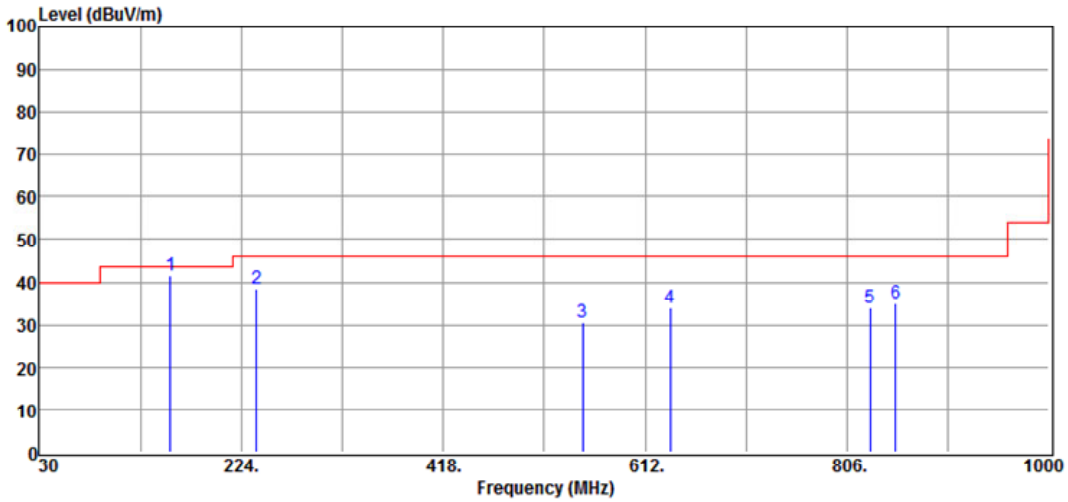
No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	143.49	48.43	-8.97	39.46	43.50	-4.04	Peak	VERTICAL
2	191.99	51.97	-11.41	40.56	43.50	-2.94	Peak	VERTICAL
3	359.80	37.98	-6.54	31.44	46.00	-14.56	Peak	VERTICAL
4	518.88	34.01	-2.52	31.49	46.00	-14.51	Peak	VERTICAL
5	636.25	31.71	0.02	31.73	46.00	-14.27	Peak	VERTICAL
6	780.78	31.10	2.42	33.52	46.00	-12.48	Peak	VERTICAL



International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2024-04-03

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G n20 mode Tx low ch Tested by : Bill Huang

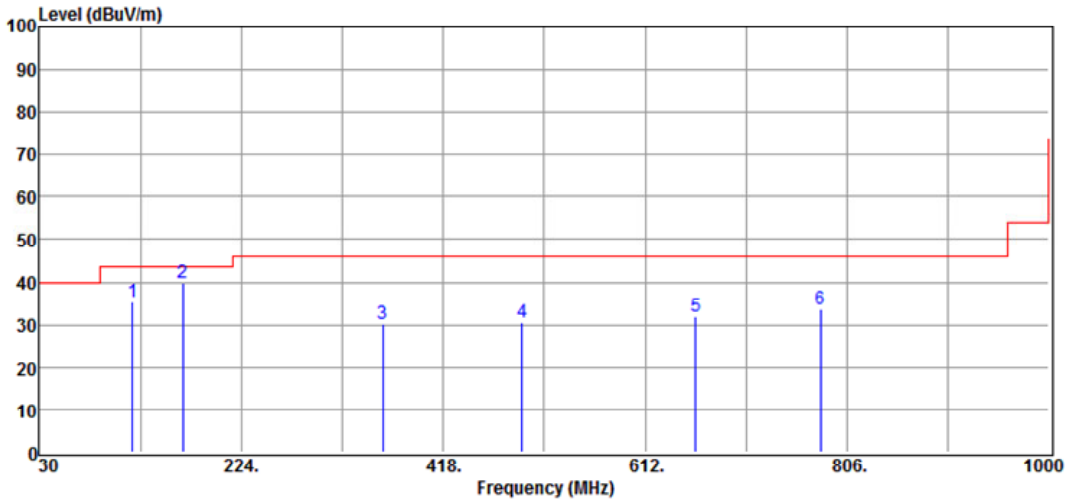


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	156.10	50.03	-8.58	41.45	43.50	-2.05	Peak	HORIZONTAL
2	238.55	48.89	-10.38	38.51	46.00	-7.49	Peak	HORIZONTAL
3	551.86	32.96	-2.25	30.71	46.00	-15.29	Peak	HORIZONTAL
4	636.25	33.96	0.02	33.98	46.00	-12.02	Peak	HORIZONTAL
5	828.31	31.34	2.78	34.12	46.00	-11.88	Peak	HORIZONTAL
6	852.56	31.83	3.36	35.19	46.00	-10.81	Peak	HORIZONTAL

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2024-04-03

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G n20 mode Tx mid ch Tested by : Bill Huang

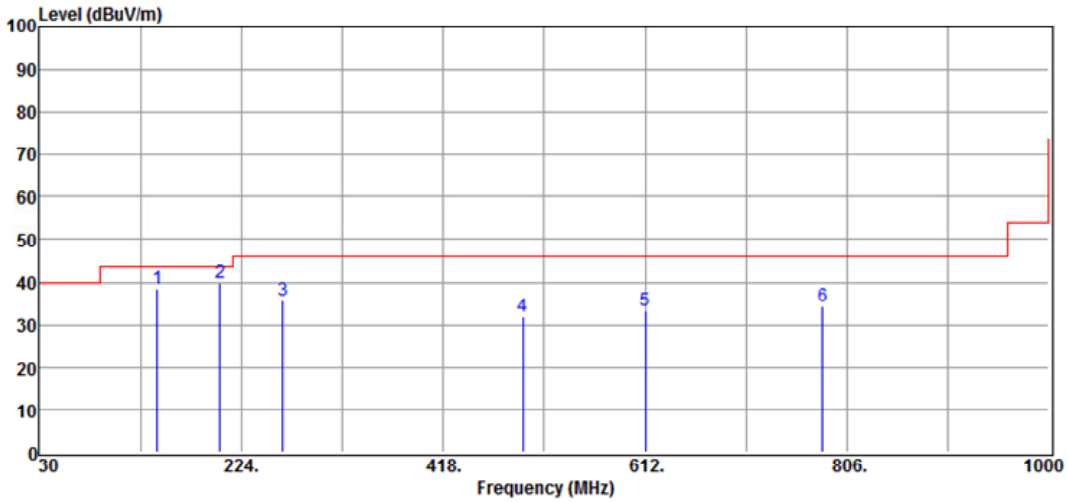


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	119.24	46.90	-11.43	35.47	43.50	-8.03	Peak	VERTICAL
2	167.74	48.90	-8.98	39.92	43.50	-3.58	Peak	VERTICAL
3	359.80	36.66	-6.54	30.12	46.00	-15.88	Peak	VERTICAL
4	493.66	33.86	-3.19	30.67	46.00	-15.33	Peak	VERTICAL
5	660.50	31.90	0.11	32.01	46.00	-13.99	Peak	VERTICAL
6	780.78	31.20	2.42	33.62	46.00	-12.38	Peak	VERTICAL

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2024-04-03

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G n20 mode Tx mid ch Tested by : Bill Huang

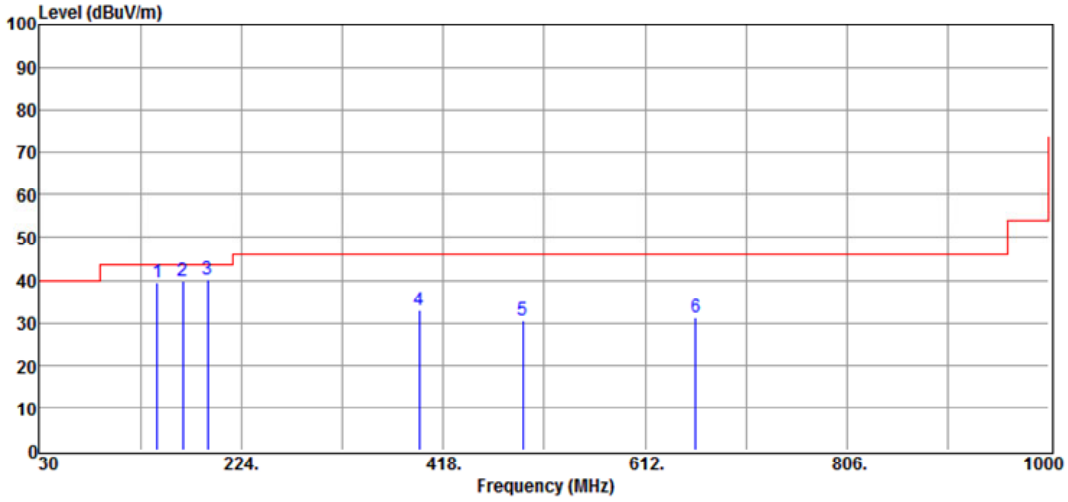


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	143.49	47.60	-8.97	38.63	43.50	-4.87	Peak	HORIZONTAL
2	203.63	51.56	-11.78	39.78	43.50	-3.72	Peak	HORIZONTAL
3	263.77	44.99	-9.35	35.64	46.00	-10.36	Peak	HORIZONTAL
4	494.63	35.07	-3.18	31.89	46.00	-14.11	Peak	HORIZONTAL
5	612.00	33.64	-0.40	33.24	46.00	-12.76	Peak	HORIZONTAL
6	782.72	31.90	2.39	34.29	46.00	-11.71	Peak	HORIZONTAL

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2024-04-03

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G n20 mode Tx high ch Tested by : Bill Huang

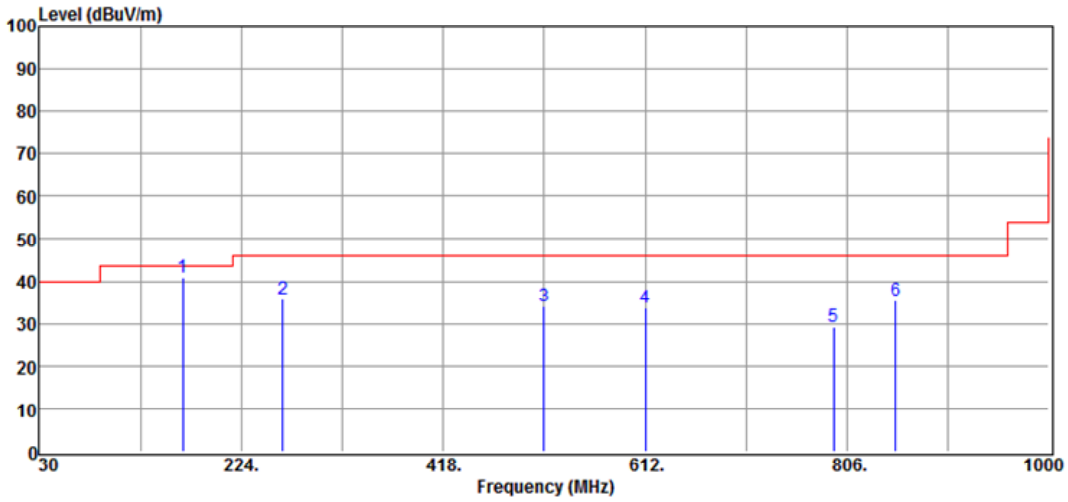


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	143.49	48.59	-8.97	39.62	43.50	-3.88	Peak	VERTICAL
2	167.74	48.78	-8.98	39.80	43.50	-3.70	Peak	VERTICAL
3	191.99	51.79	-11.41	40.38	43.50	-3.12	Peak	VERTICAL
4	394.72	38.29	-5.42	32.87	46.00	-13.13	Peak	VERTICAL
5	494.63	33.64	-3.18	30.46	46.00	-15.54	Peak	VERTICAL
6	660.50	31.21	0.11	31.32	46.00	-14.68	Peak	VERTICAL

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2024-04-03

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G n20 mode Tx high ch Tested by : Bill Huang

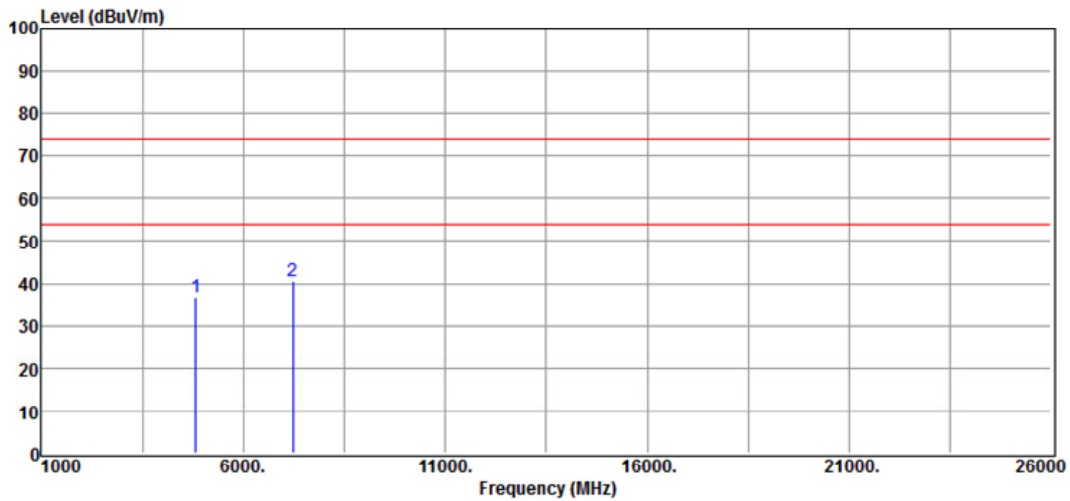


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	167.74	49.80	-8.98	40.82	43.50	-2.68	Peak	HORIZONTAL
2	263.77	45.18	-9.35	35.83	46.00	-10.17	Peak	HORIZONTAL
3	515.00	36.51	-2.62	33.89	46.00	-12.11	Peak	HORIZONTAL
4	612.00	33.91	-0.40	33.51	46.00	-12.49	Peak	HORIZONTAL
5	793.39	26.90	2.47	29.37	46.00	-16.63	Peak	HORIZONTAL
6	852.56	32.02	3.36	35.38	46.00	-10.62	Peak	HORIZONTAL

### 7.4.2 Radiated Spurious Emission Measurement Result (above1GHz)

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan  
Date: 2024-04-03

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G b mode Tx low ch Tested by : Bill Huang



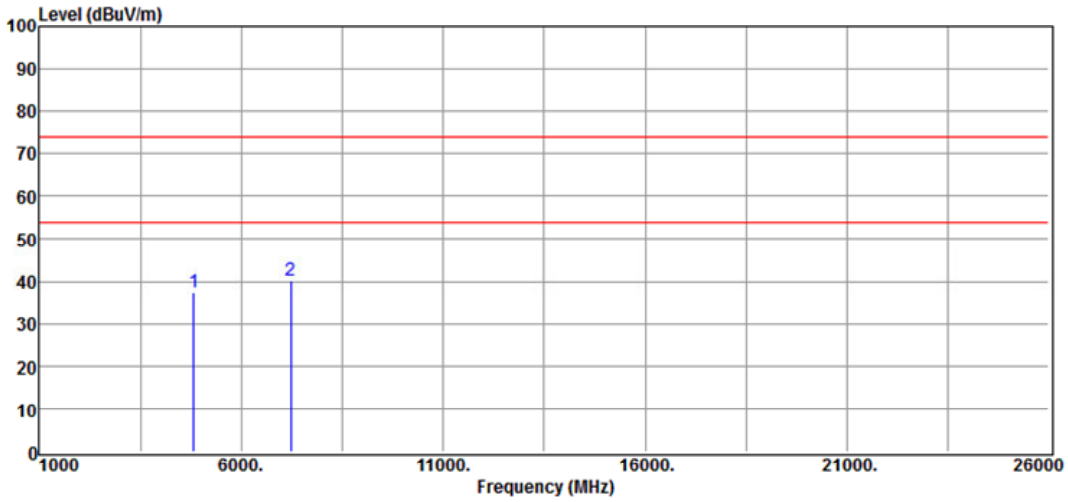
No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	4824.00	31.01	5.67	36.68	74.00	-37.32	Peak	VERTICAL
2	7237.00	31.33	9.10	40.43	74.00	-33.57	Peak	VERTICAL



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Date: 2024-04-03

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G b mode Tx low ch Tested by : Bill Huang

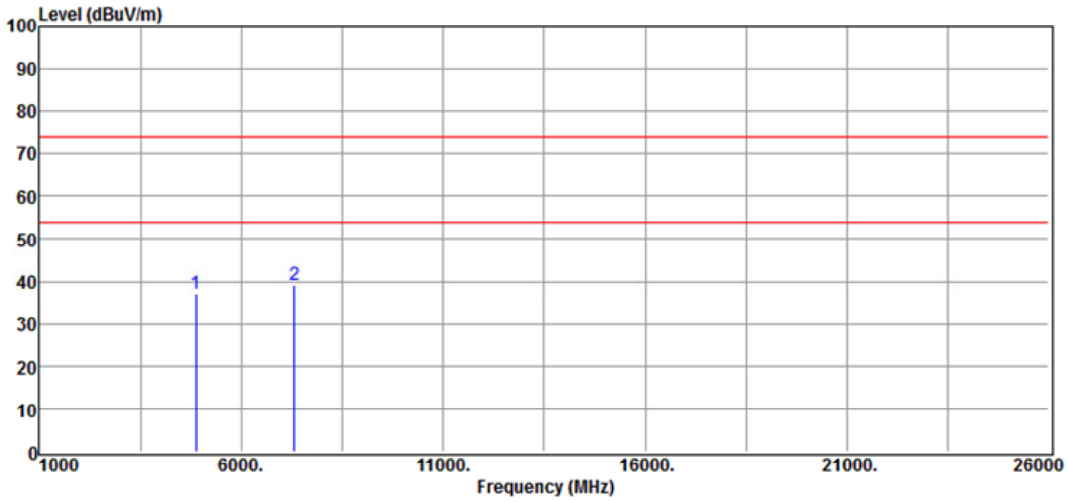


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	4824.00	31.94	5.67	37.61	74.00	-36.39	Peak	HORIZONTAL
2	7236.00	31.24	9.10	40.34	74.00	-33.66	Peak	HORIZONTAL

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
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Date: 2024-04-03

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G b mode Tx mid ch Tested by : Bill Huang



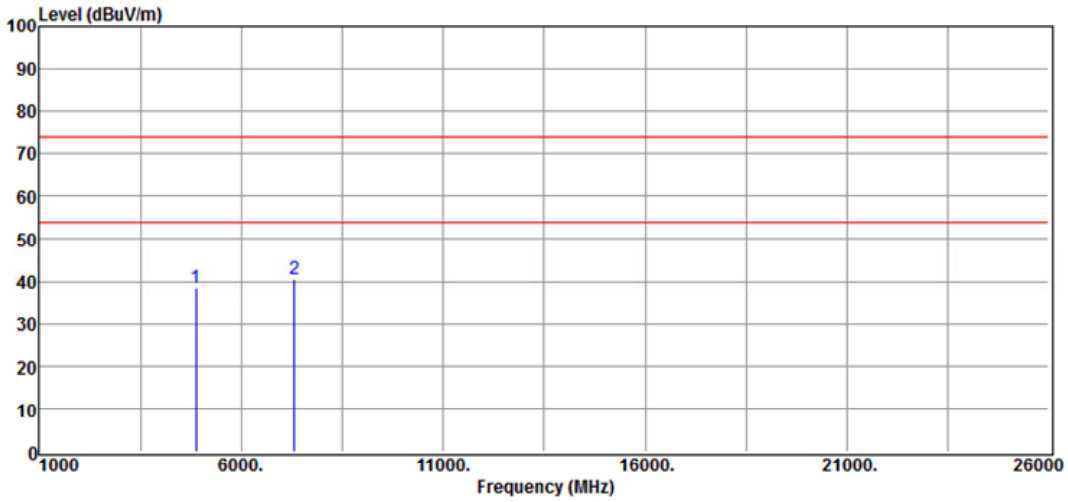
No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	4874.00	31.15	5.87	37.02	74.00	-36.98	Peak	VERTICAL
2	7311.00	30.19	9.12	39.31	74.00	-34.69	Peak	VERTICAL



International Standard Laboratory Corp.  
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Date: 2024-04-03

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G b mode Tx mid ch Tested by : Bill Huang

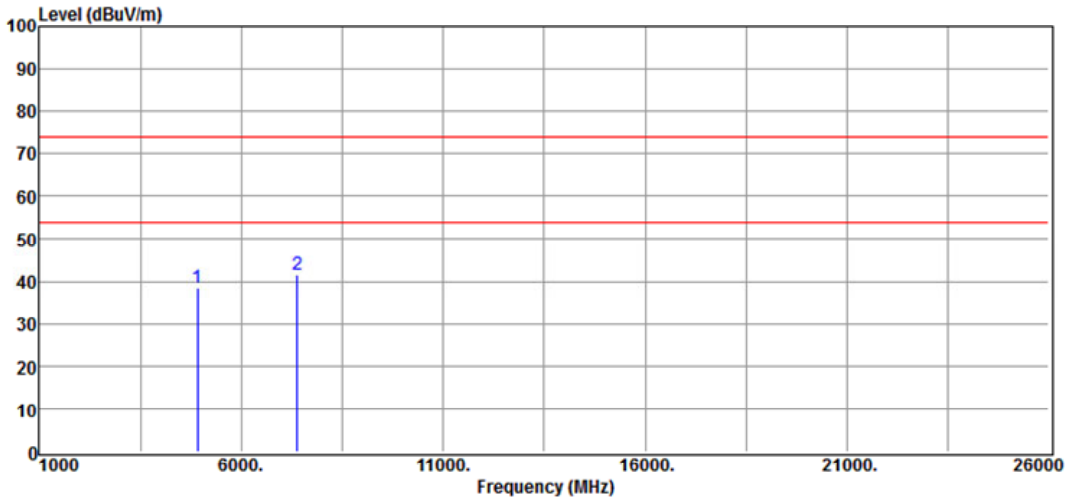


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	4874.00	32.51	5.87	38.38	74.00	-35.62	Peak	HORIZONTAL
2	7311.00	31.54	9.12	40.66	74.00	-33.34	Peak	HORIZONTAL

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Date: 2024-04-03

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G b mode Tx high ch Tested by : Bill Huang



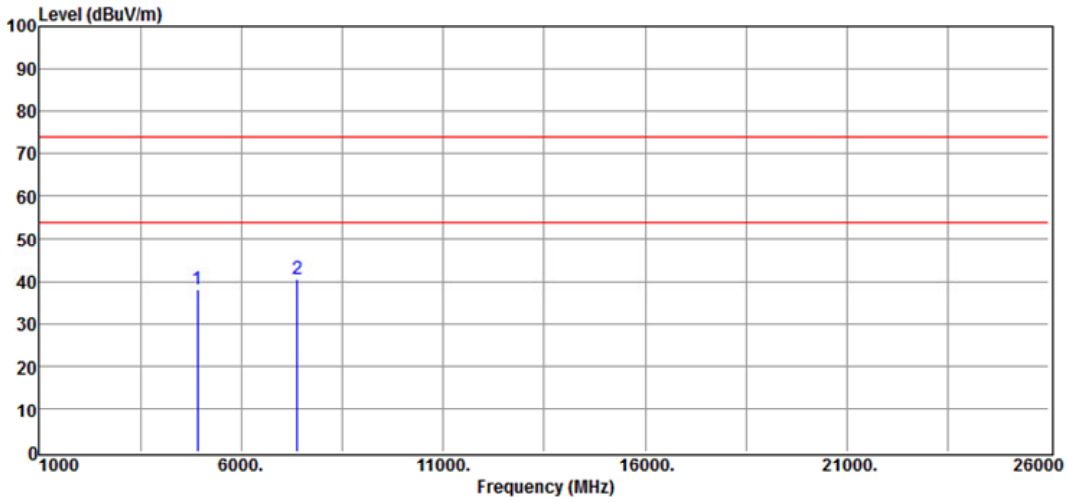
No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	4924.00	32.46	5.96	38.42	74.00	-35.58	Peak	VERTICAL
2	7386.00	32.49	9.08	41.57	74.00	-32.43	Peak	VERTICAL



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Date: 2024-04-03

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G b mode Tx high ch Tested by : Bill Huang

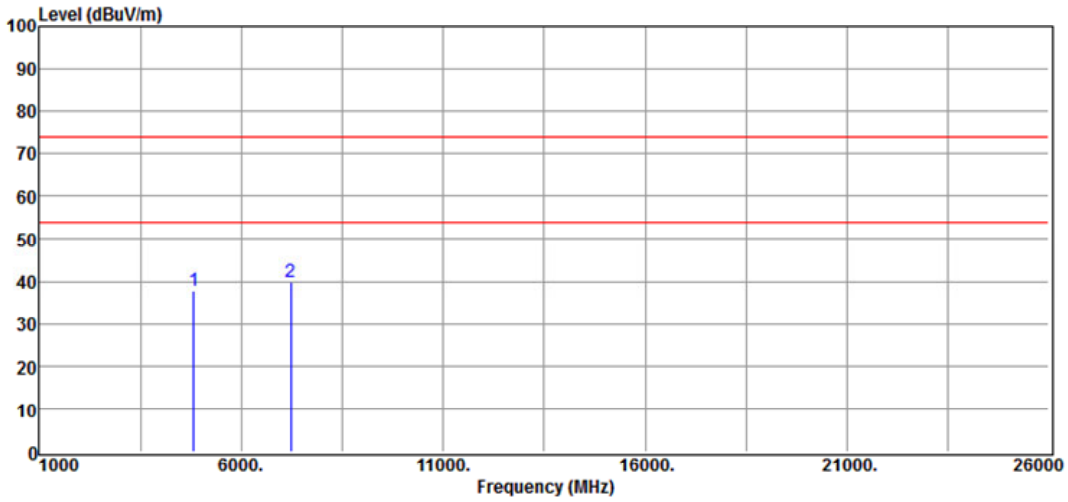


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	4924.00	32.31	5.96	38.27	74.00	-35.73	Peak	HORIZONTAL
2	7386.00	31.54	9.08	40.62	74.00	-33.38	Peak	HORIZONTAL

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2023-12-06

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G g mode Tx low ch Tested by : Bill Huang

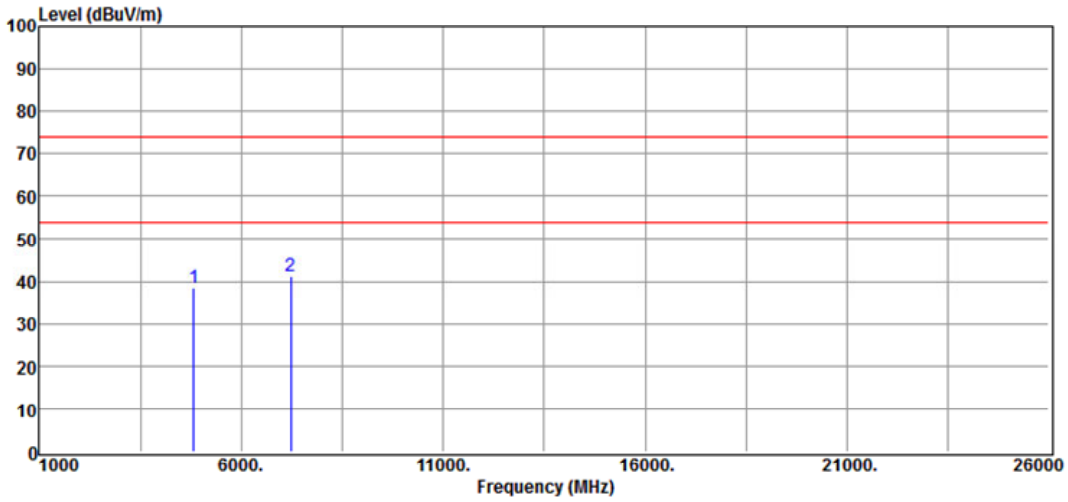


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	4824.00	32.01	5.67	37.68	74.00	-36.32	Peak	VERTICAL
2	7236.00	30.80	9.10	39.90	74.00	-34.10	Peak	VERTICAL

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2023-12-06

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G g mode Tx low ch Tested by : Bill Huang

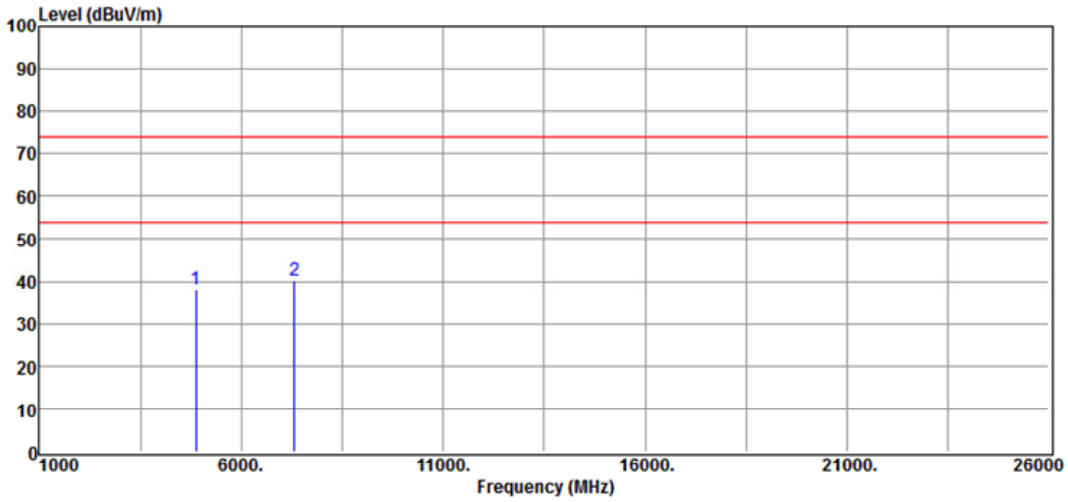


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	4824.00	32.94	5.67	38.61	74.00	-35.39	Peak	HORIZONTAL
2	7236.00	32.24	9.10	41.34	74.00	-32.66	Peak	HORIZONTAL

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2023-12-06

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G g mode Tx mid ch Tested by : Bill Huang



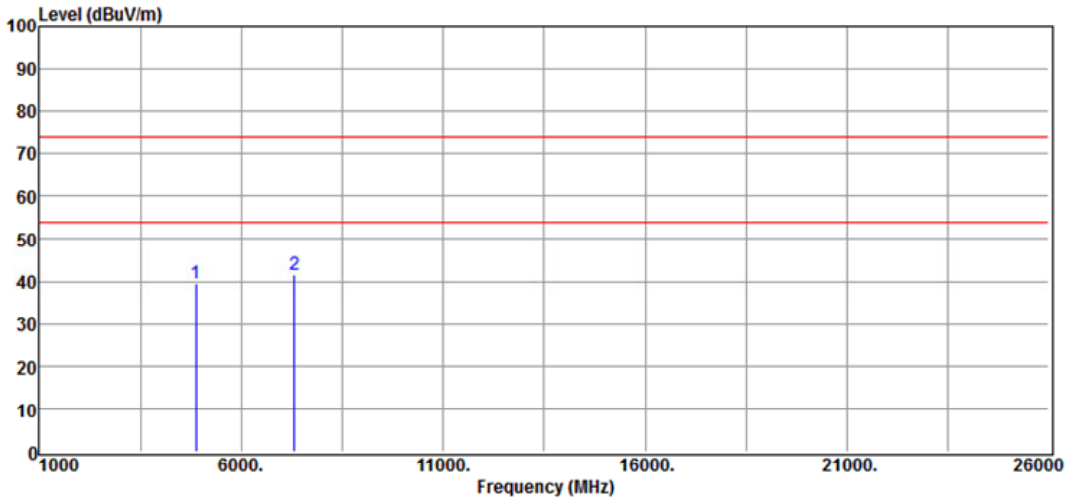
No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	4874.00	32.15	5.87	38.02	74.00	-35.98	Peak	VERTICAL
2	7311.00	31.19	9.12	40.31	74.00	-33.69	Peak	VERTICAL



International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2023-12-06

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G g mode Tx mid ch Tested by : Bill Huang

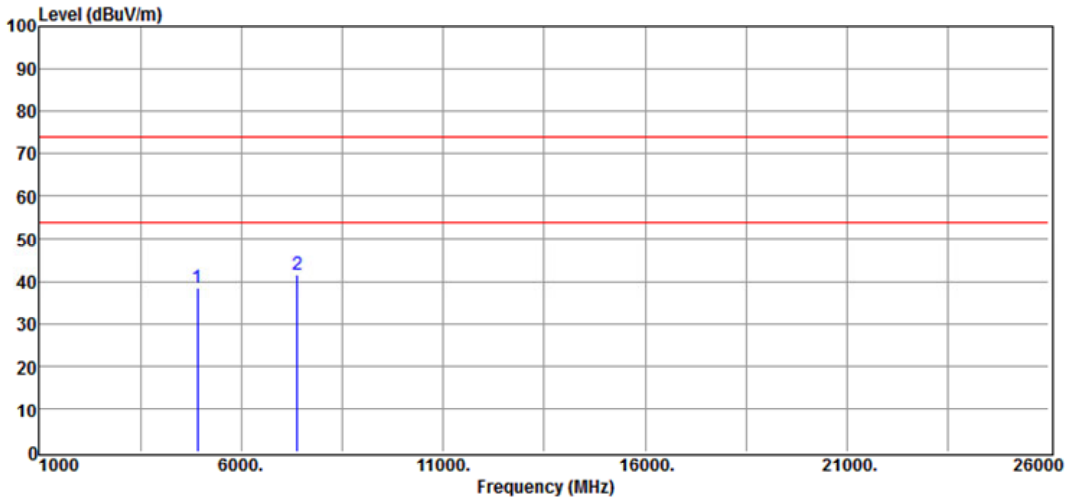


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	4874.00	33.51	5.87	39.38	74.00	-34.62	Peak	HORIZONTAL
2	7311.00	32.54	9.12	41.66	74.00	-32.34	Peak	HORIZONTAL

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2023-12-06

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G g mode Tx high ch Tested by : Bill Huang



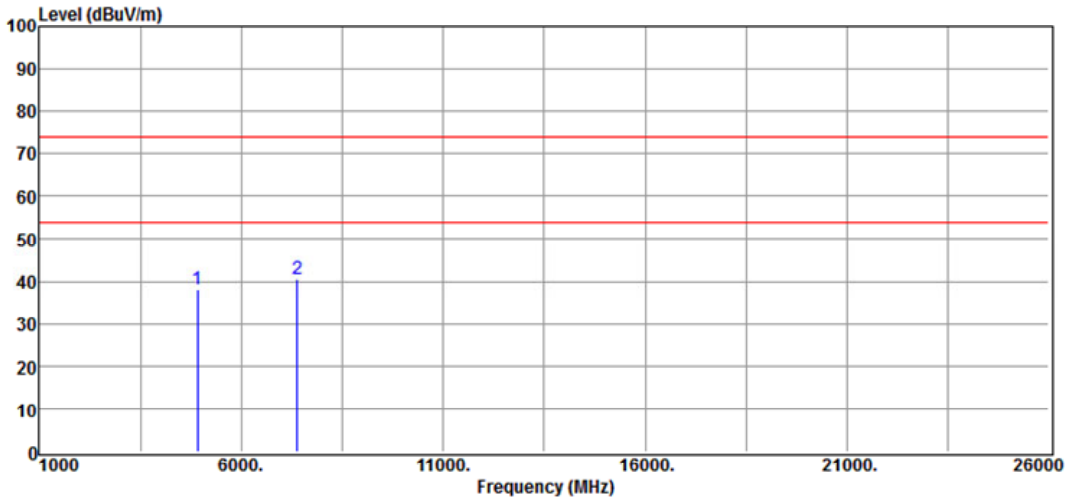
No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	4924.00	32.46	5.96	38.42	74.00	-35.58	Peak	VERTICAL
2	7386.00	32.49	9.08	41.57	74.00	-32.43	Peak	VERTICAL



International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2023-12-06

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G g mode Tx high ch Tested by : Bill Huang

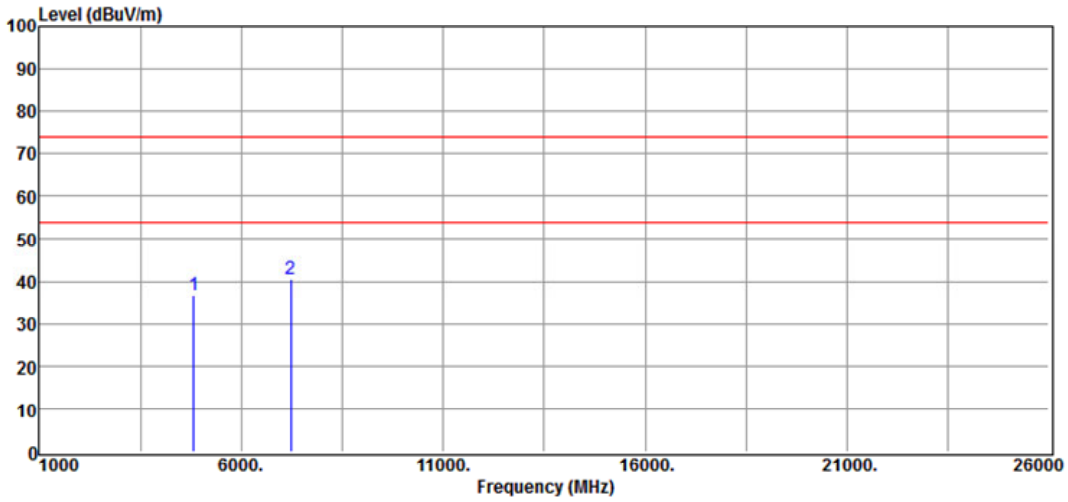


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	4924.00	32.31	5.96	38.27	74.00	-35.73	Peak	HORIZONTAL
2	7386.00	31.54	9.08	40.62	74.00	-33.38	Peak	HORIZONTAL

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2024-04-03

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G n20 mode Tx low ch Tested by : Bill Huang



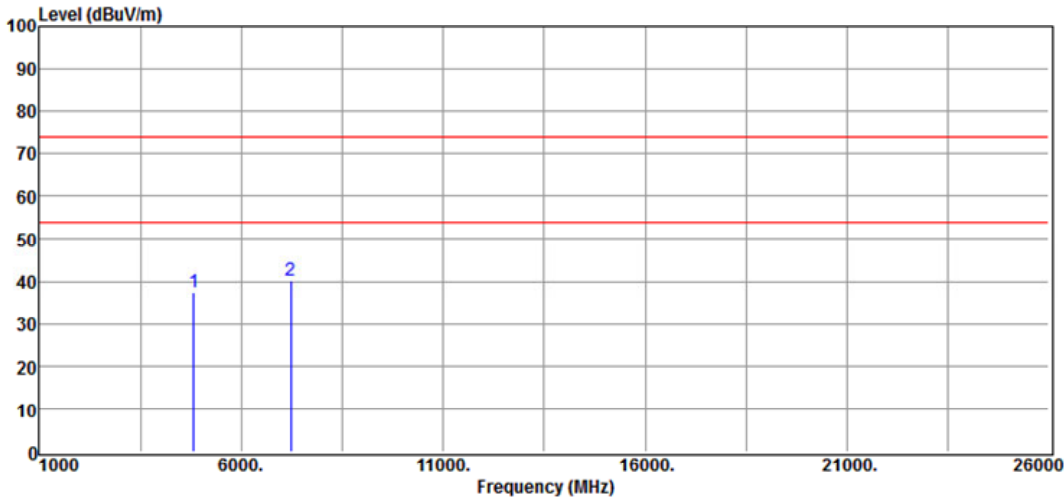
No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	4824.00	31.01	5.67	36.68	74.00	-37.32	Peak	VERTICAL
2	7236.00	31.33	9.10	40.43	74.00	-33.57	Peak	VERTICAL



International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2024-04-03

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G n20 mode Tx low ch Tested by : Bill Huang

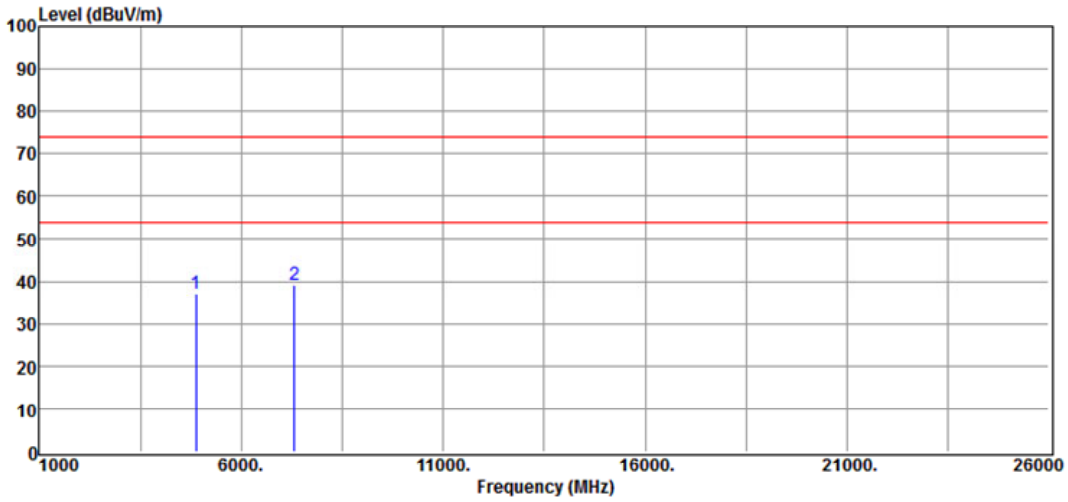


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	4824.00	31.94	5.67	37.61	74.00	-36.39	Peak	HORIZONTAL
2	7236.00	31.24	9.10	40.34	74.00	-33.66	Peak	HORIZONTAL

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2024-04-03

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G n20 mode Tx mid ch Tested by : Bill Huang

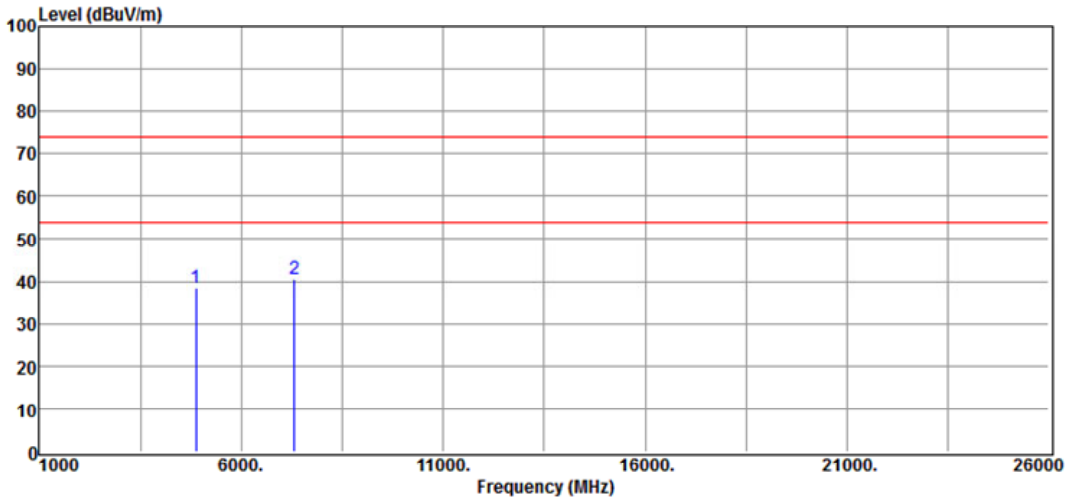


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	4874.00	31.15	5.87	37.02	74.00	-36.98	Peak	VERTICAL
2	7311.00	30.19	9.12	39.31	74.00	-34.69	Peak	VERTICAL

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2024-04-03

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G n20 mode Tx mid ch Tested by : Bill Huang

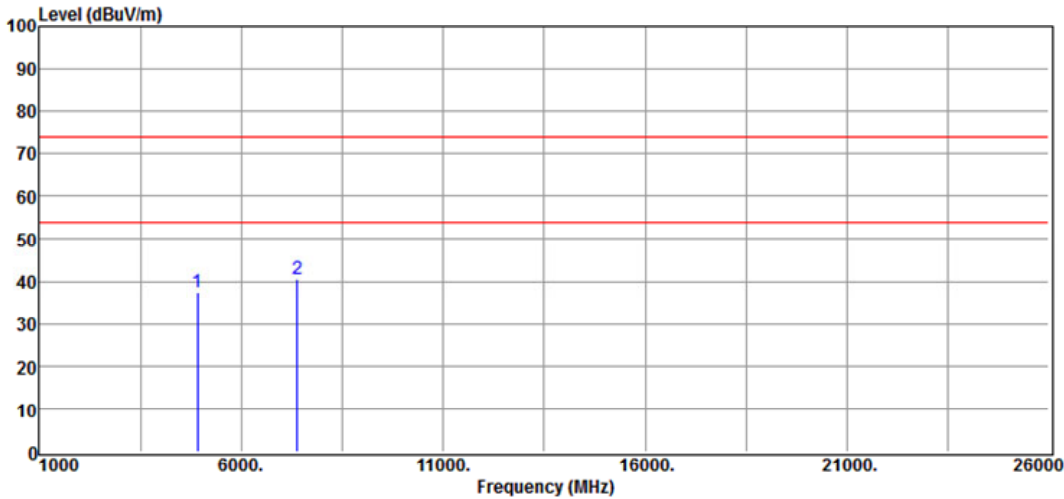


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	4874.00	32.51	5.87	38.38	74.00	-35.62	Peak	HORIZONTAL
2	7311.00	31.54	9.12	40.66	74.00	-33.34	Peak	HORIZONTAL

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2024-04-03

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
 Test Mode : Wifi2G n20 mode Tx high ch Tested by : Bill Huang



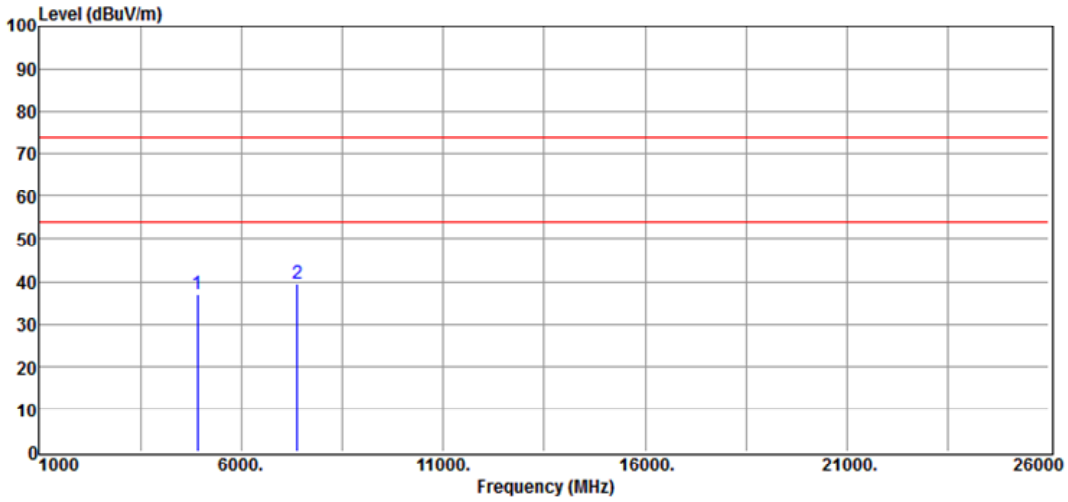
No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	4924.00	31.46	5.96	37.42	74.00	-36.58	Peak	VERTICAL
2	7386.00	31.49	9.08	40.57	74.00	-33.43	Peak	VERTICAL



International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2024-04-03

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G n20 mode Tx high ch Tested by : Bill Huang



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	4924.00	31.31	5.96	37.27	74.00	-36.73	Peak	HORIZONTAL
2	7386.00	30.54	9.08	39.62	74.00	-34.38	Peak	HORIZONTAL

## 8. 100kHz Bandwidth of Band Edges Measurement

### 8.1 Standard Applicable

According to §15.247(d), in any 100 kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in 15.209(a).

### 8.2 Measurement Procedure

1. Place the EUT on the table and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
3. Set center frequency of spectrum analyzer = operating frequency.
4. Set the spectrum analyzer as RBW=1MHz, VBW≥3\*RBW (for Peak); VBW≥1/T<sub>on</sub> (for Average), Sweep = auto.
5. Mark Peak, 2.390GHz and 2.4835GHz and record the max. level.
6. Repeat above procedures until all frequency measured were complete.

### 8.3 Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CL - AG$$

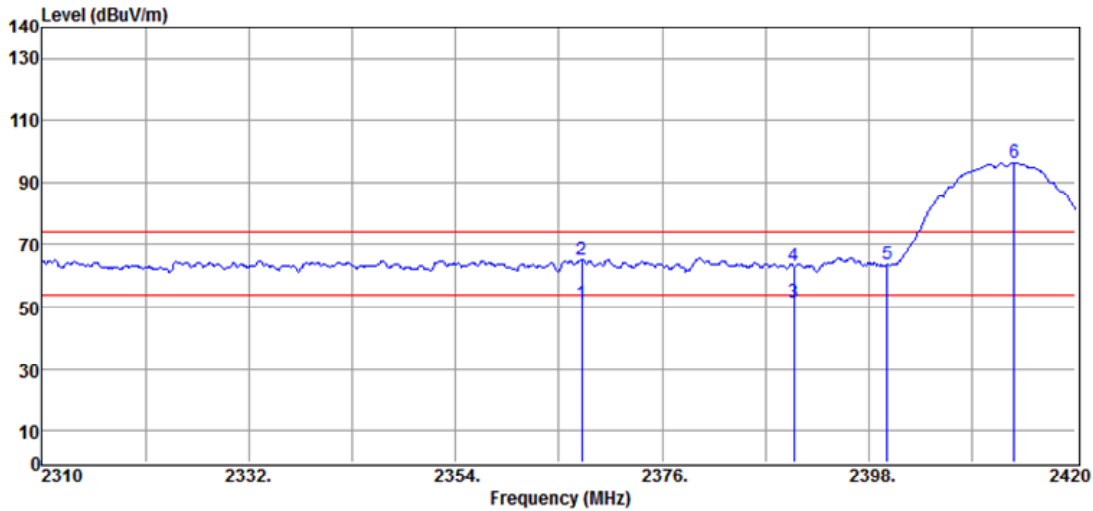
Where	FS = Field Strength	CL = Cable Attenuation Factor (Cable Loss)
	RA = Reading Amplitude	AG = Amplifier Gain
	AF = Antenna Factor	



### 8.4 Measurement Result

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan  
Date: 2023-11-28

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60  
Test Mode : Wifi2G b Bandedge Tested by : Bill Huang



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	2367.42	14.44	36.67	51.11	54.00	-2.89	Average	VERTICAL
2	2367.42	28.33	36.67	65.00	74.00	-9.00	Peak	VERTICAL
3	2390.00	14.58	36.74	51.32	54.00	-2.68	Average	VERTICAL
4	2390.00	26.51	36.74	63.25	74.00	-10.75	Peak	VERTICAL
5	2400.00	26.71	36.77	63.48	76.32	-12.84	Peak	VERTICAL
6	2413.51	59.54	36.78	96.32	F	--	Peak	VERTICAL

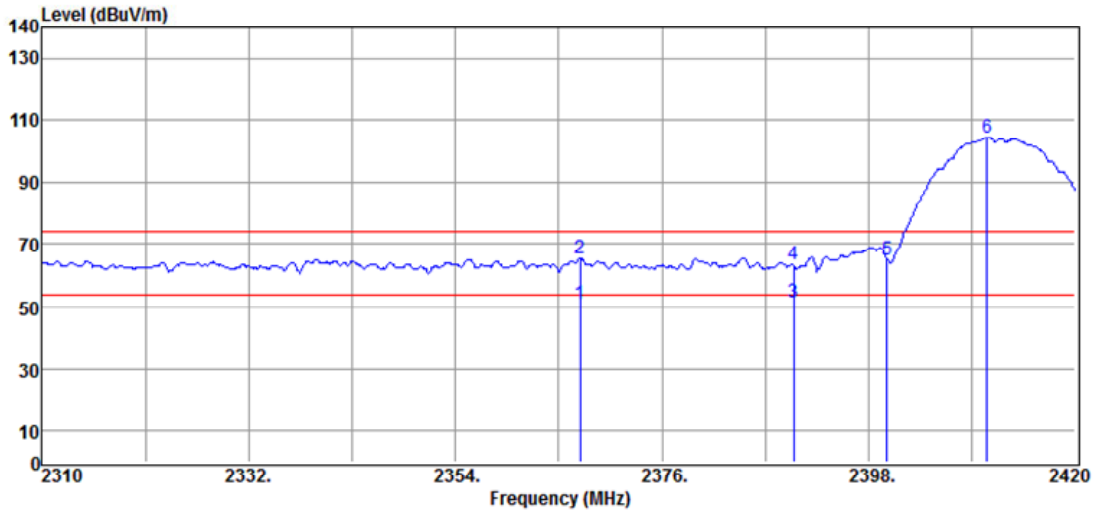
Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2023-11-28

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60

Test Mode : Wifi2G b Bandedge Tested by : Bill Huang



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	2367.31	14.46	36.67	51.13	54.00	-2.87	Average	HORIZONTAL
2	2367.31	28.73	36.67	65.40	74.00	-8.60	Peak	HORIZONTAL
3	2390.00	14.89	36.74	51.63	54.00	-2.37	Average	HORIZONTAL
4	2390.00	26.58	36.74	63.32	74.00	-10.68	Peak	HORIZONTAL
5	2400.00	28.29	36.77	65.06	84.30	-19.24	Peak	HORIZONTAL
6	2410.65	67.52	36.78	104.30	F	--	Peak	HORIZONTAL

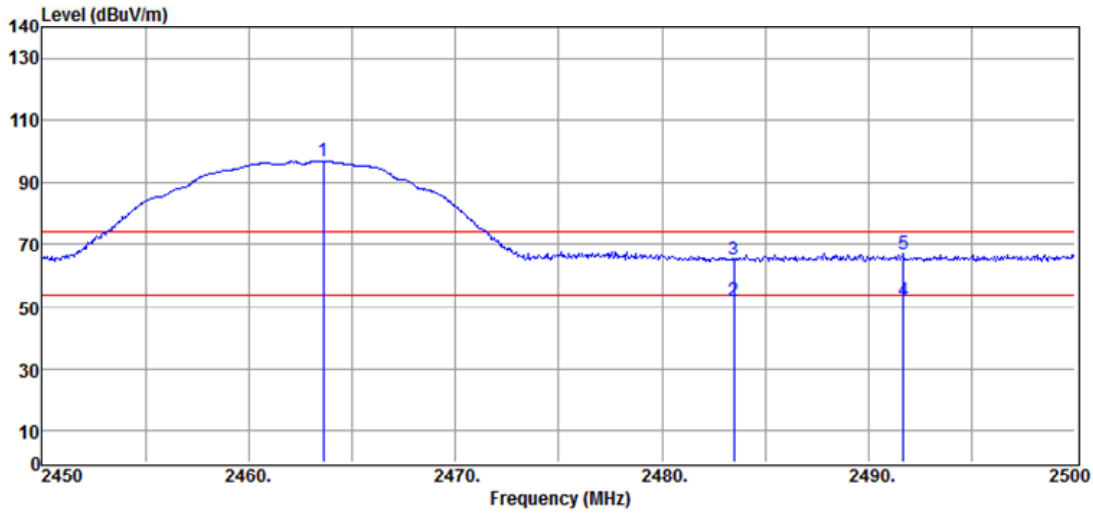
Note: "F" denotes fundamental frequency.

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Date: 2023-11-28

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60

Test Mode : Wifi2G b Bandedge Tested by : Bill Huang



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	2463.60	59.95	36.91	96.86	F	--	Peak	VERTICAL
2	2483.50	14.94	37.05	51.99	54.00	-2.01	Average	VERTICAL
3	2483.50	27.75	37.05	64.80	74.00	-9.20	Peak	VERTICAL
4	2491.70	14.95	37.11	52.06	54.00	-1.94	Average	VERTICAL
5	2491.70	29.97	37.11	67.08	74.00	-6.92	Peak	VERTICAL

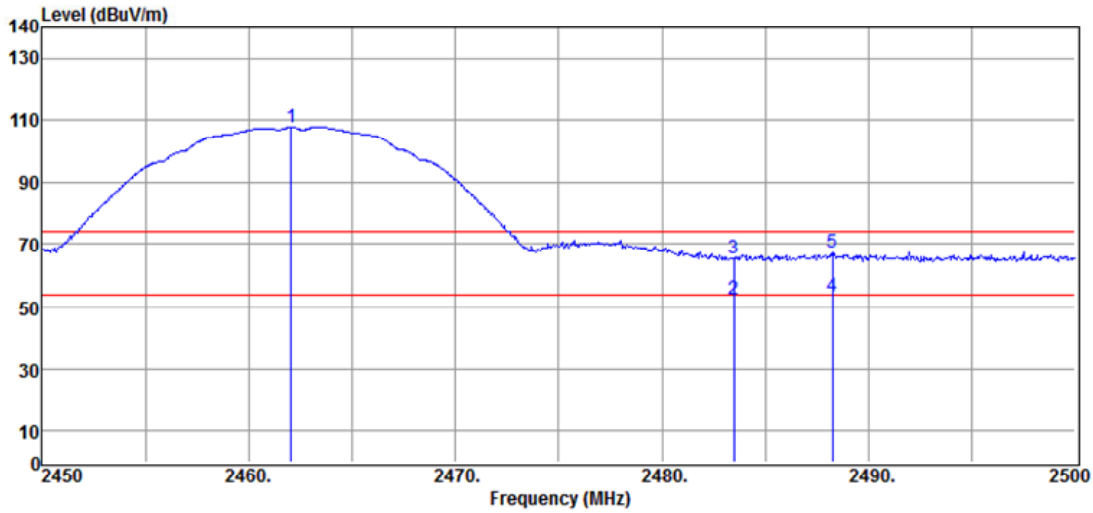
Note: "F" denotes fundamental frequency.

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Date: 2023-11-28

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60

Test Mode : Wifi2G b Bandedge Tested by : Bill Huang



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	2462.05	70.92	36.90	107.82	F	--	Peak	HORIZONTAL
2	2483.50	15.57	37.05	52.62	54.00	-1.38	Average	HORIZONTAL
3	2483.50	28.27	37.05	65.32	74.00	-8.68	Peak	HORIZONTAL
4	2488.25	16.34	37.09	53.43	54.00	-0.57	Average	HORIZONTAL
5	2488.25	30.34	37.09	67.43	74.00	-6.57	Peak	HORIZONTAL

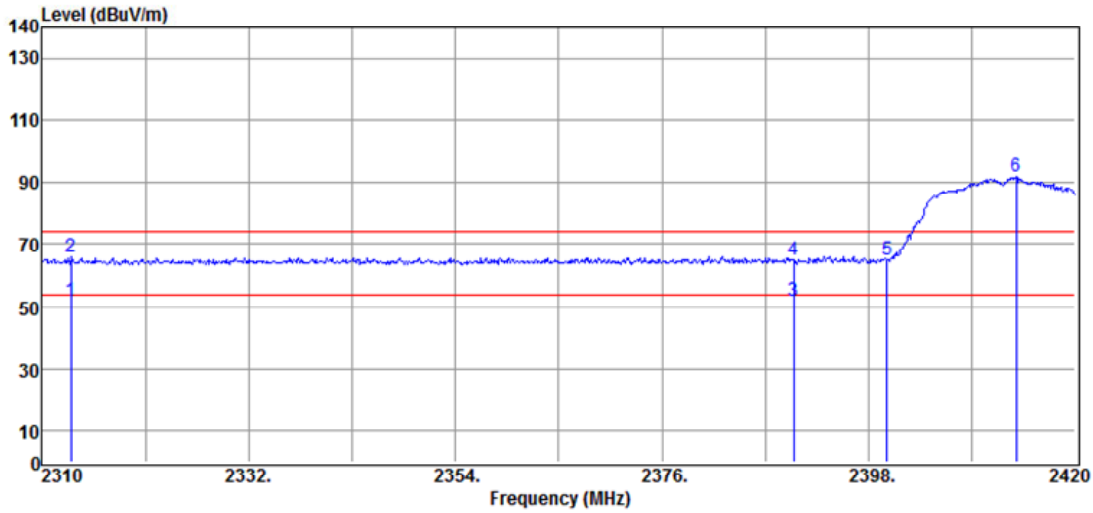
Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2023-11-28

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60

Test Mode : Wifi2G g Bandedge Tested by : Bill Huang



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	2313.08	15.07	36.65	51.72	54.00	-2.28	Average	VERTICAL
2	2313.08	29.25	36.65	65.90	74.00	-8.10	Peak	VERTICAL
3	2390.00	15.38	36.74	52.12	54.00	-1.88	Average	VERTICAL
4	2390.00	28.32	36.74	65.06	74.00	-8.94	Peak	VERTICAL
5	2400.00	28.33	36.77	65.10	71.73	-6.63	Peak	VERTICAL
6	2413.73	54.95	36.78	91.73	F	--	Peak	VERTICAL

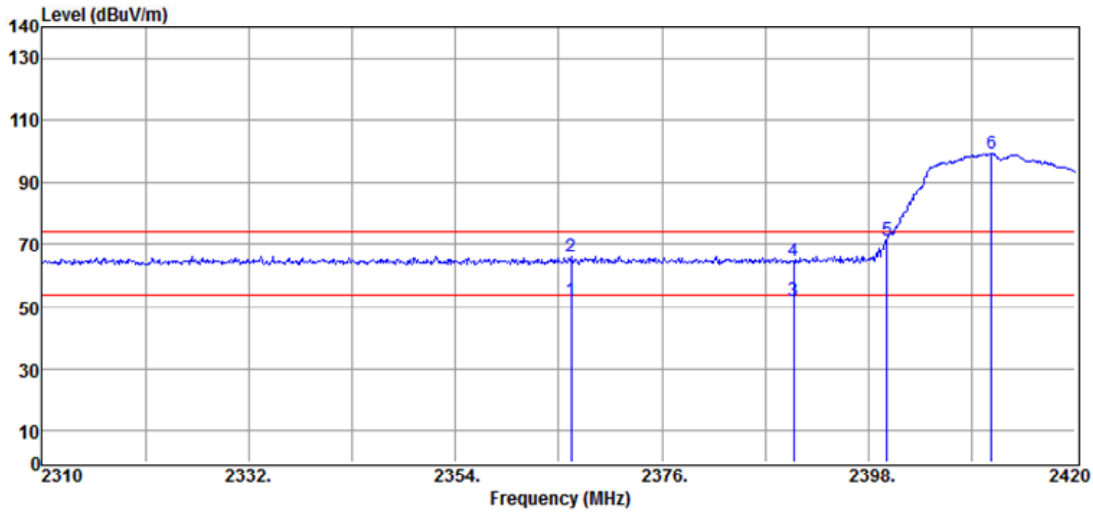
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Date: 2023-11-28

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60

Test Mode : Wifi2G g Bandedge Tested by : Bill Huang



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	2366.32	15.32	36.66	51.98	54.00	-2.02	Average	HORIZONTAL
2	2366.32	29.48	36.66	66.14	74.00	-7.86	Peak	HORIZONTAL
3	2390.00	15.35	36.74	52.09	54.00	-1.91	Average	HORIZONTAL
4	2390.00	27.87	36.74	64.61	74.00	-9.39	Peak	HORIZONTAL
5	2400.00	34.57	36.77	71.34	79.16	-7.82	Peak	HORIZONTAL
6	2411.09	62.38	36.78	99.16	F	--	Peak	HORIZONTAL

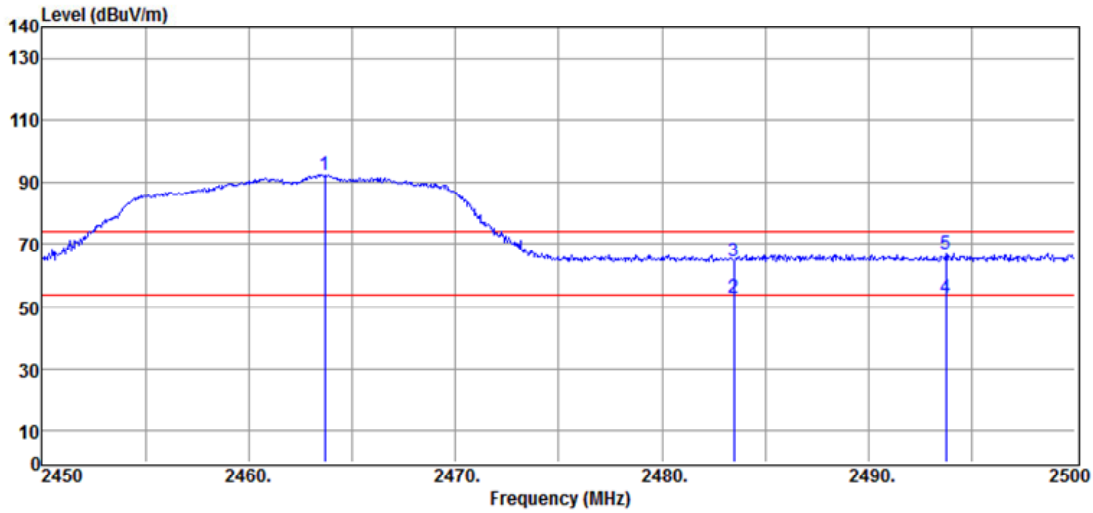
Note: "F" denotes fundamental frequency.

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Date: 2023-11-28

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60

Test Mode : Wifi2G g Bandedge Tested by : Bill Huang



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	2463.70	55.40	36.91	92.31	F	--	Peak	VERTICAL
2	2483.50	15.76	37.05	52.81	54.00	-1.19	Average	VERTICAL
3	2483.50	27.35	37.05	64.40	74.00	-9.60	Peak	VERTICAL
4	2493.75	15.85	37.12	52.97	54.00	-1.03	Average	VERTICAL
5	2493.75	29.92	37.12	67.04	74.00	-6.96	Peak	VERTICAL

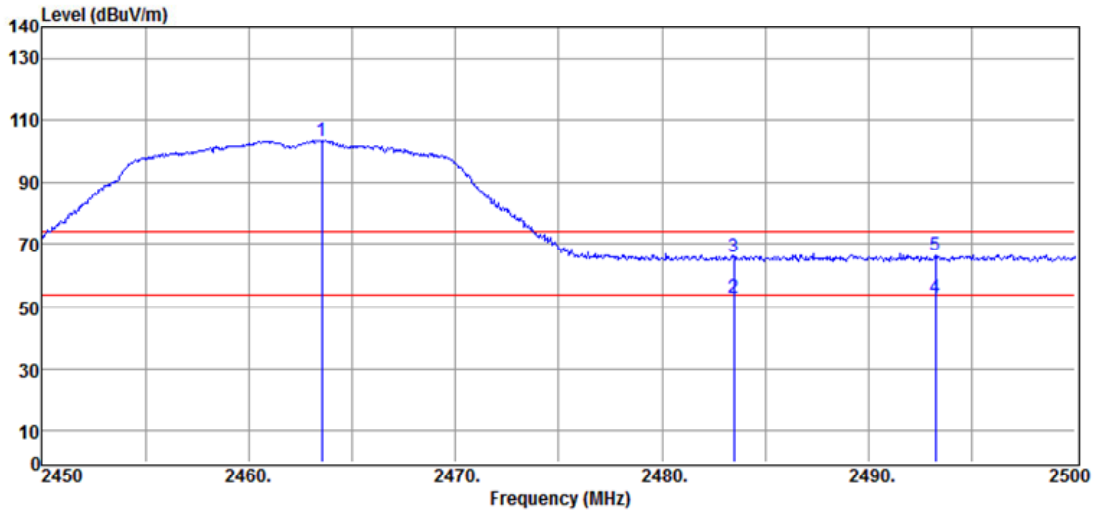
Note: "F" denotes fundamental frequency.

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Date: 2023-11-28

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Test Mode : Wifi2G g Bandedge Tested by : Bill Huang



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	2463.55	66.45	36.91	103.36	F	--	Peak	HORIZONTAL
2	2483.50	15.78	37.05	52.83	54.00	-1.17	Average	HORIZONTAL
3	2483.50	28.76	37.05	65.81	74.00	-8.19	Peak	HORIZONTAL
4	2493.25	15.81	37.12	52.93	54.00	-1.07	Average	HORIZONTAL
5	2493.25	29.48	37.12	66.60	74.00	-7.40	Peak	HORIZONTAL

Note: "F" denotes fundamental frequency.

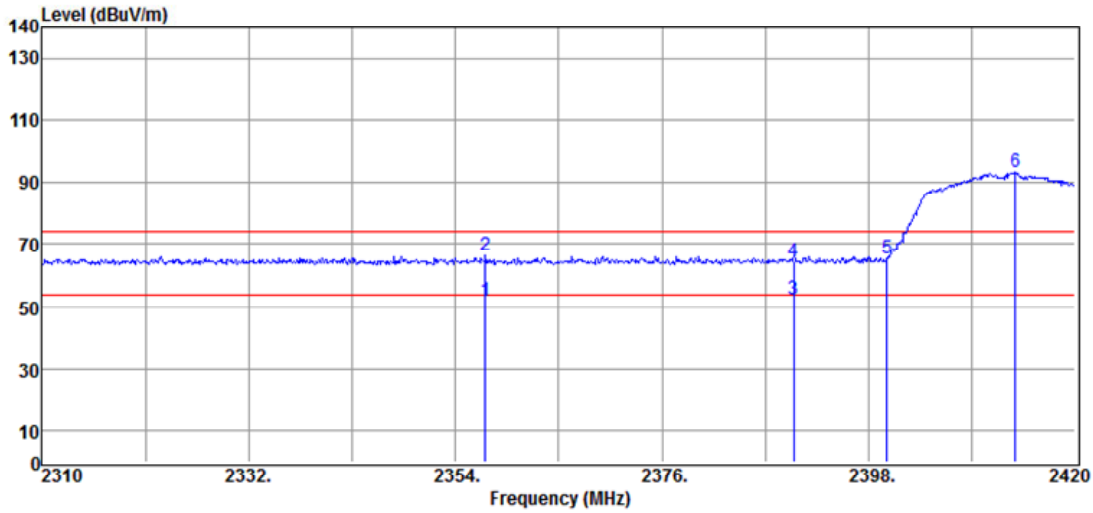


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Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2023-11-28

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60

Test Mode : Wifi2G n20 Bandedge Tested by : Bill Huang



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	2357.19	15.21	36.64	51.85	54.00	-2.15	Average	VERTICAL
2	2357.19	29.55	36.64	66.19	74.00	-7.81	Peak	VERTICAL
3	2390.00	15.52	36.74	52.26	54.00	-1.74	Average	VERTICAL
4	2390.00	27.70	36.74	64.44	74.00	-9.56	Peak	VERTICAL
5	2400.00	28.73	36.77	65.50	73.13	-7.63	Peak	VERTICAL
6	2413.62	56.35	36.78	93.13	F	--	Peak	VERTICAL

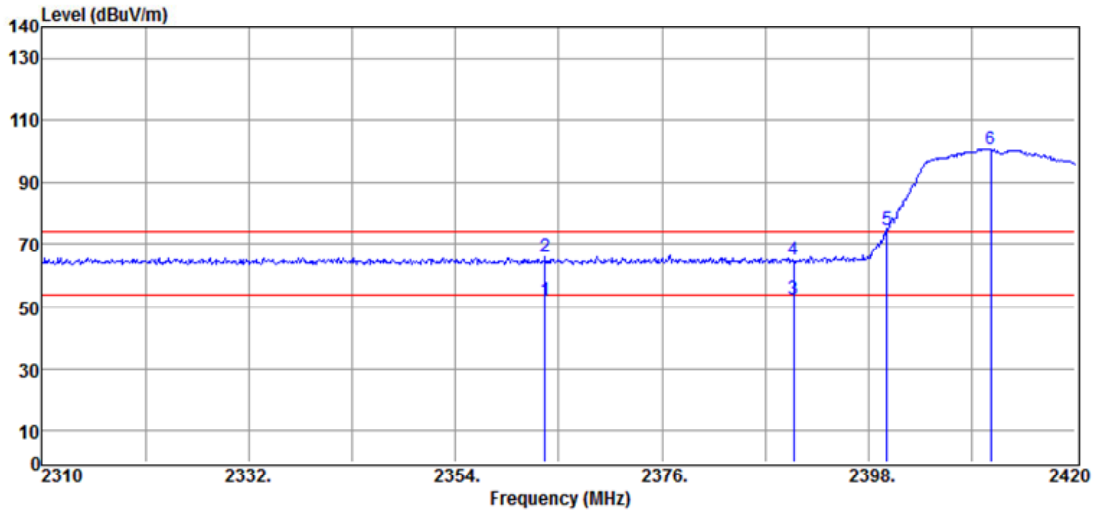
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No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	2363.57	15.30	36.66	51.96	54.00	-2.04	Average	HORIZONTAL
2	2363.57	29.19	36.66	65.85	74.00	-8.15	Peak	HORIZONTAL
3	2390.00	15.52	36.74	52.26	54.00	-1.74	Average	HORIZONTAL
4	2390.00	28.24	36.74	64.98	74.00	-9.02	Peak	HORIZONTAL
5	2400.00	37.61	36.77	74.38	80.73	-6.35	Peak	HORIZONTAL
6	2410.98	63.95	36.78	100.73	F	--	Peak	HORIZONTAL

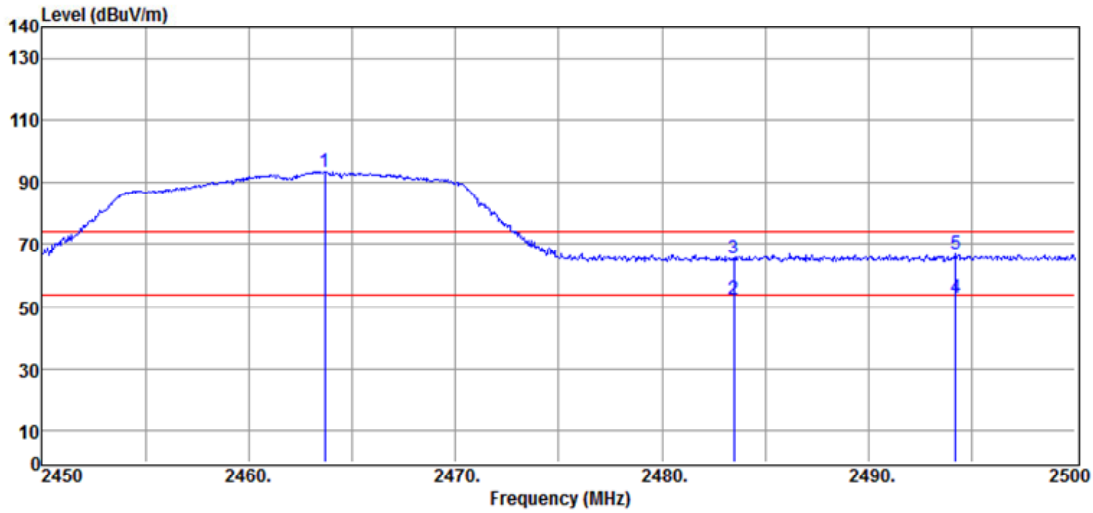
Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2023-11-28

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60

Test Mode : Wifi2G n20 Bandedge Tested by : Bill Huang



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	2463.70	56.52	36.91	93.43	F	--	Peak	VERTICAL
2	2483.50	15.61	37.05	52.66	54.00	-1.34	Average	VERTICAL
3	2483.50	28.25	37.05	65.30	74.00	-8.70	Peak	VERTICAL
4	2494.20	15.65	37.13	52.78	54.00	-1.22	Average	VERTICAL
5	2494.20	29.71	37.13	66.84	74.00	-7.16	Peak	VERTICAL

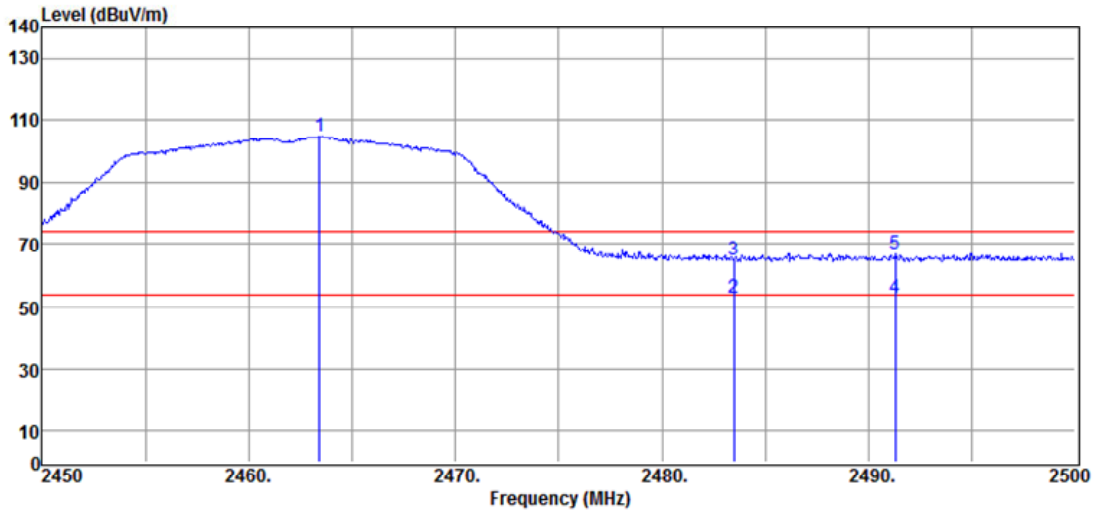
Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.  
Company Address: No.120, Lane 180, Hsin Ho Rd.  
Lung-Tan Dist., Tao Yuan City 325, Taiwan

Date: 2023-11-28

Project Number. : 23LR0158 Temp.(°C)/RH(%) : 25/60

Test Mode : Wifi2G n20 Bandedge Tested by : Bill Huang



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
----	----------	--------------	-------------	--------------	--------------	-----------	--------	---------

1	2463.45	67.76	36.91	104.67	F	--	Peak	HORIZONTAL
2	2483.50	15.70	37.05	52.75	54.00	-1.25	Average	HORIZONTAL
3	2483.50	28.08	37.05	65.13	74.00	-8.87	Peak	HORIZONTAL
4	2491.30	15.61	37.11	52.72	54.00	-1.28	Average	HORIZONTAL
5	2491.30	29.96	37.11	67.07	74.00	-6.93	Peak	HORIZONTAL

Note: "F" denotes fundamental frequency.

## 9. 6dB Bandwidth

### 9.1 Standard Applicable

According to §15.247(a)(2), Systems using digital modulation techniques may operate in the 902 - 928 MHz, 2400 - 2483.5 MHz, and 5725 - 5850 MHz bands. The minimum 6 dB bandwidth shall be at least 500kHz.

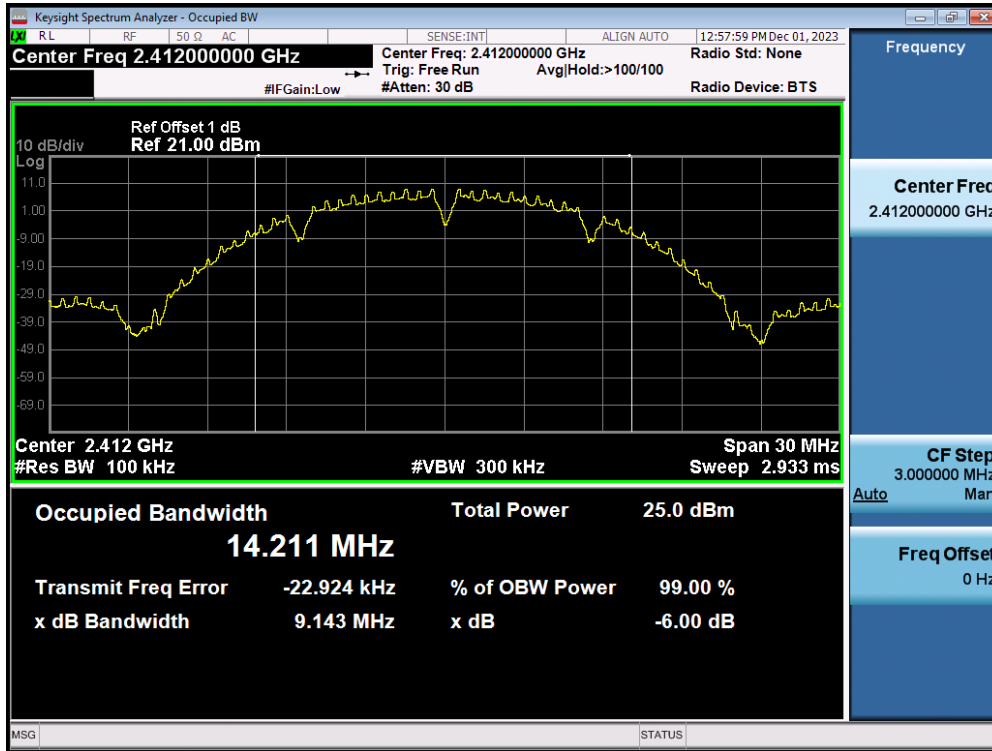
### 9.2 Measurement Procedure

1. Place the EUT on the table and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
3. Set the spectrum analyzer as
  - RBW = 100 kHz.
  - VBW ≥ 3 x RBW.
  - Detector = Peak.
  - Trace mode = max hold.
  - Sweep = auto couple.
  - Allow the trace to stabilize.
  - Use 6-dB BW measurement function
4. Repeat above procedures until all frequency measured were complete.

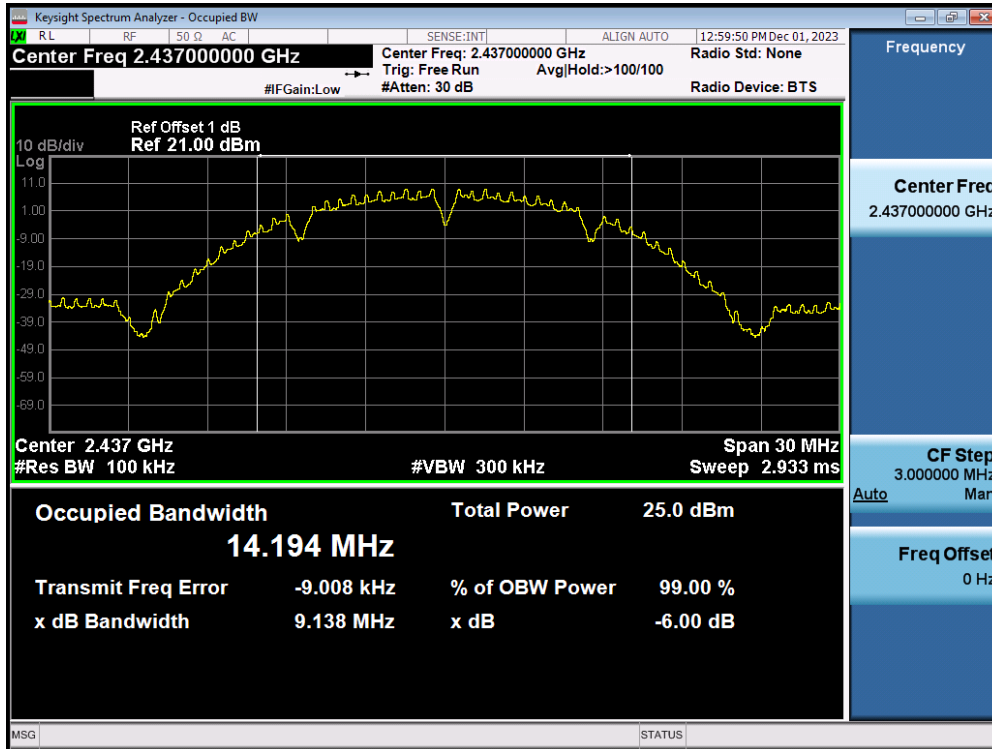
### 9.3 Measurement Result

Band	Frequency (MHz)	6dB Bandwidth (MHz)	6dB BW Limit (kHz)
802.11b	2412	9.143	> 500
	2437	9.138	> 500
	2462	9.139	> 500
802.11g	2412	15.73	> 500
	2437	15.725	> 500
	2462	15.725	> 500
802.11n HT20	2412	16.298	> 500
	2437	15.427	> 500
	2462	16.297	> 500

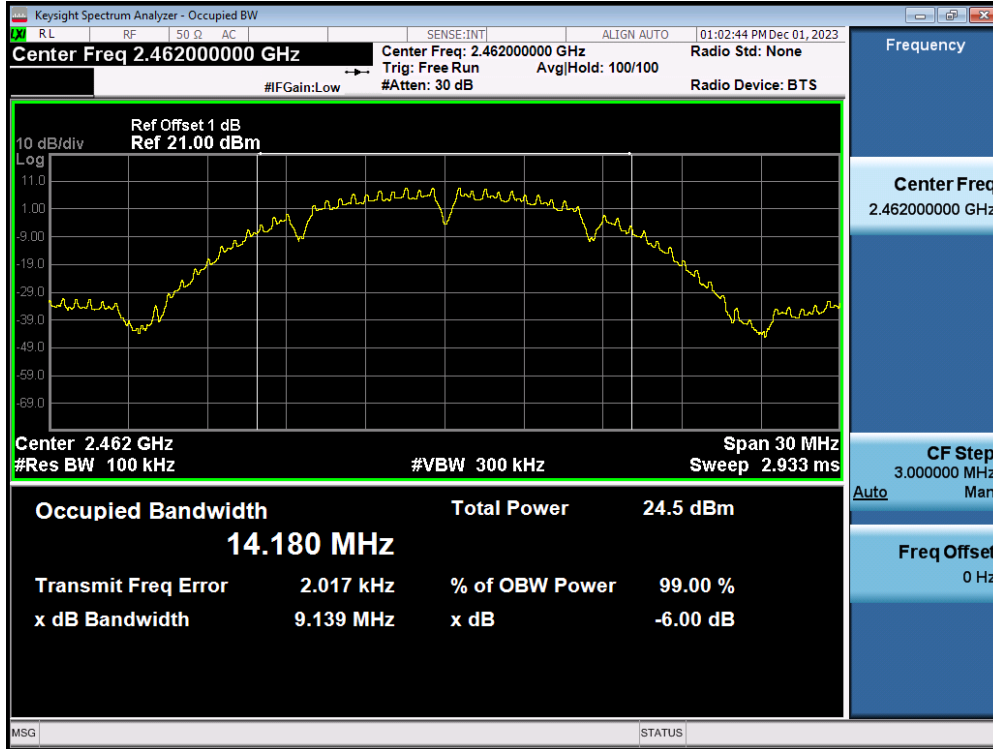
Test Data: Ant1 b 2412MHz



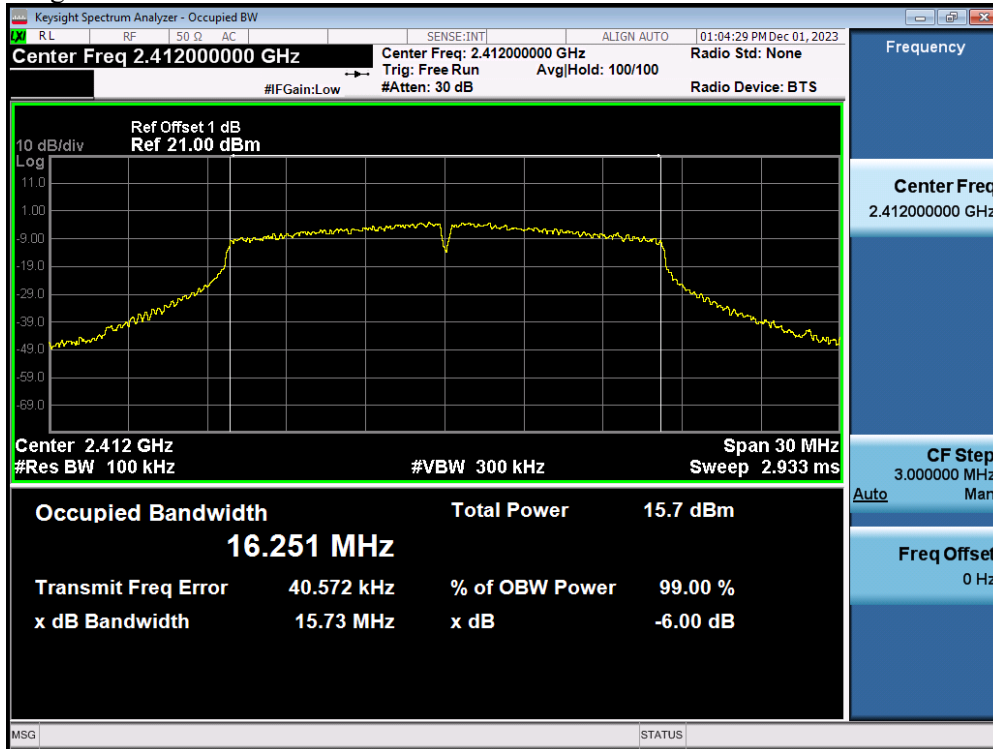
Test Data: Ant1 b 2437MHz



Test Data: Ant1 b 2462MHz



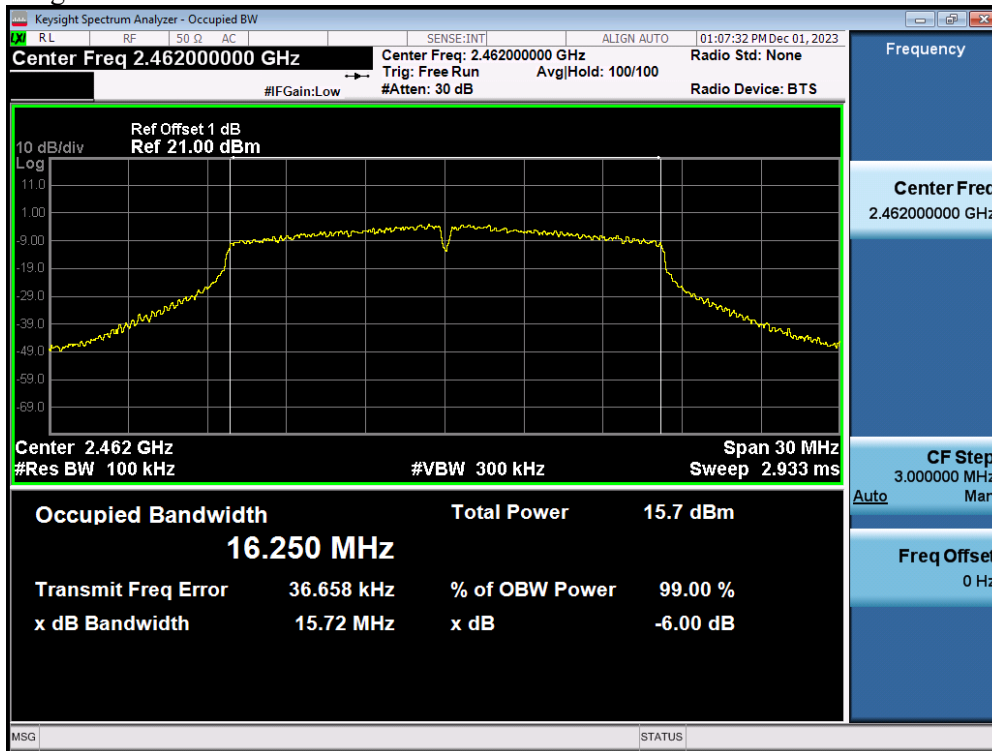
Test Data: Ant1 g 2412MHz



Test Data: Ant1 g 2437MHz



Test Data: Ant1 g 2462MHz





Test Data: Ant1 HT20 2412MHz



Test Data: Ant1 HT20 2437MHz



Test Data: Ant1 HT20 2462MHz



## 10. Peak Power Spectral Density

### 10.1 Standard Applicable

According to §15.247(e) For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

### 10.2 Measurement Procedure

1. Place the EUT on the table and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
3. Set the spectrum analyzer as RBW =3kHz, VBW = 10kHz, Set the span to 1.5 DTS bandwidth., Sweep=Auto
4. Record the max. reading.
5. Repeat above procedures until all frequency measured were complete.

### 10.3 Measurement Result

Mode	Freq. (MHz)	PSD (dBm/3kHz)				Duty Factor (dB)	Total PSD (dBm/MHz)	PSD Limit (dBm/MHz)
		Chain 0	Chain 1	Chain 2	Chain 3			
802.11b	2412	-7.801	/	/	/	-----	-7.801	8
	2437	-7.551	/	/	/	-----	-7.551	8
	2462	-8.067	/	/	/	-----	-8.067	8
802.11g	2412	-17.169	/	/	/	-----	-17.169	8
	2437	-17.415	/	/	/	-----	-17.415	8
	2462	-17.177	/	/	/	-----	-17.177	8
802.11n HT20	2412	-16.126	/	/	/	-----	-16.126	8
	2437	-16.236	/	/	/	-----	-16.236	8
	2462	-16.222	/	/	/	-----	-16.222	8

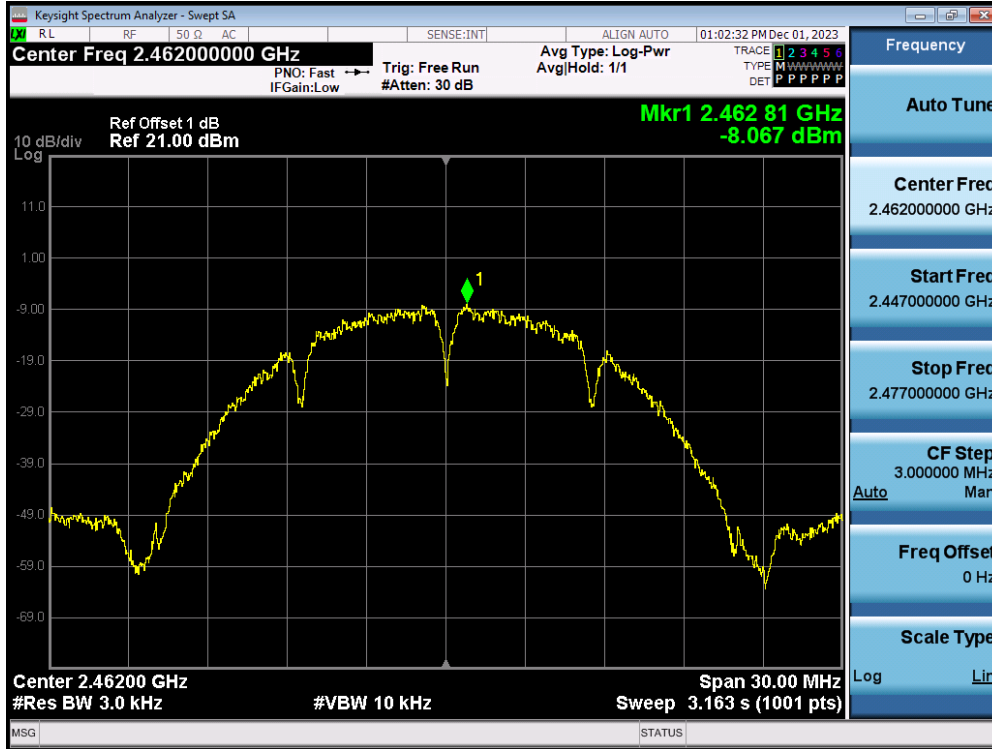
Test Data: Ant1 b 2412MHz



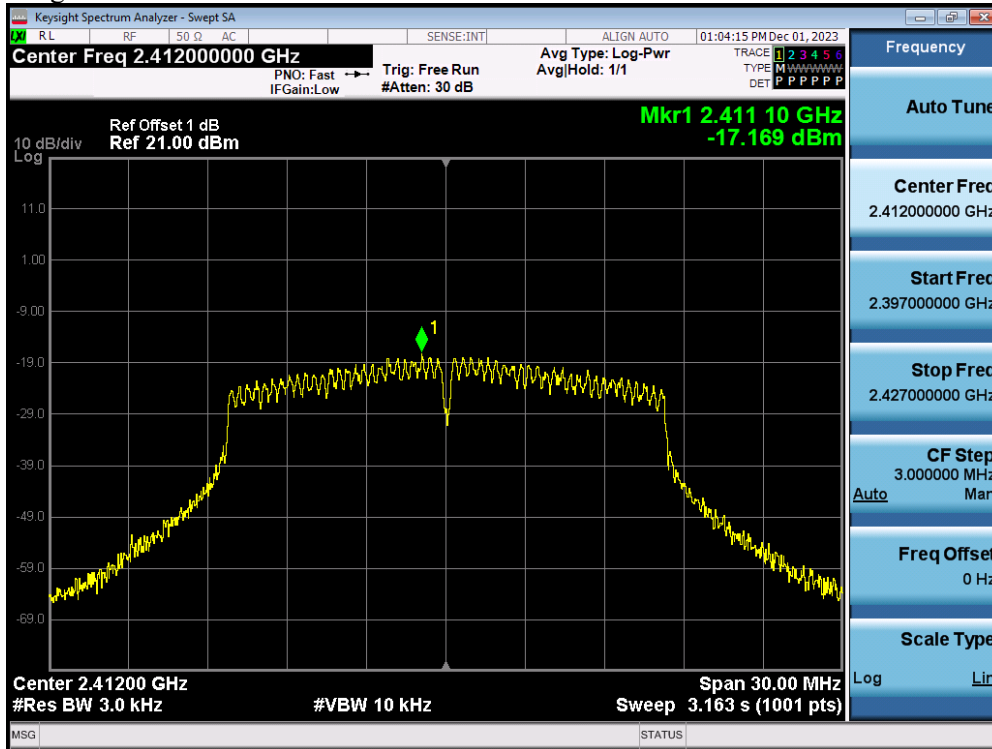
Test Data: Ant1 b 2437MHz



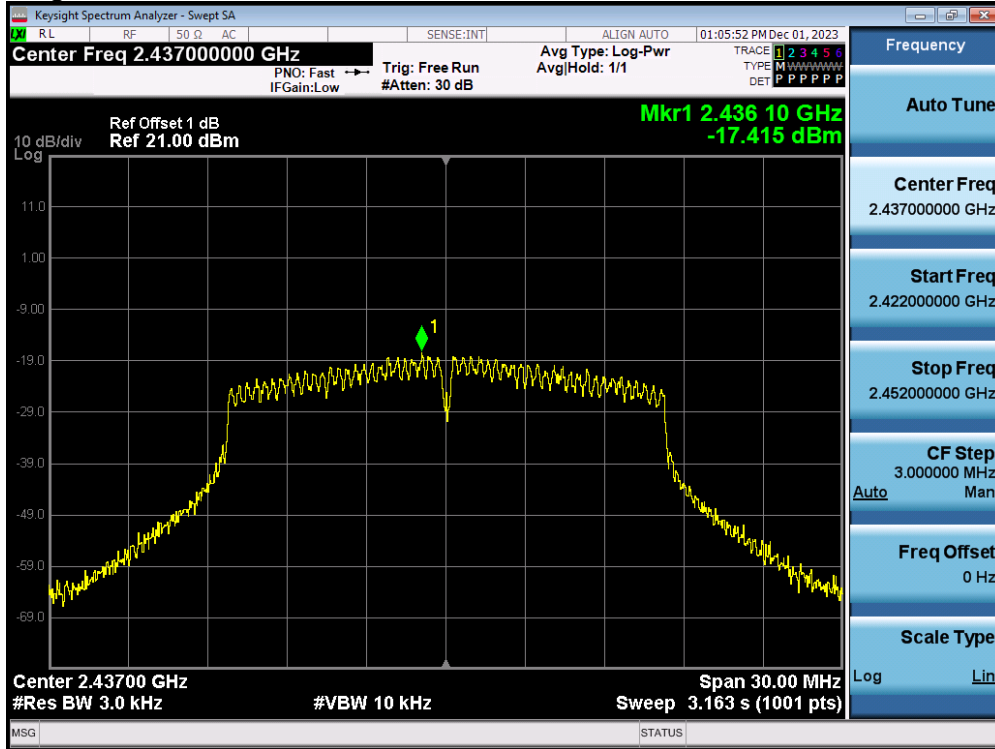
Test Data: Ant1 b 2462MHz



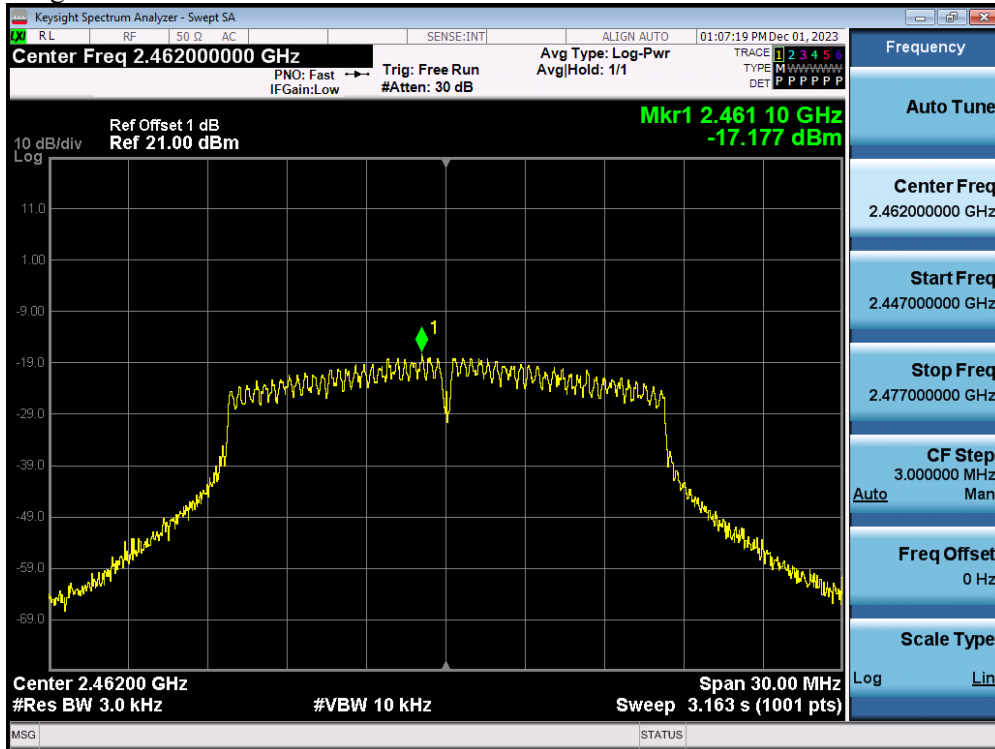
Test Data: Ant1 g 2412MHz



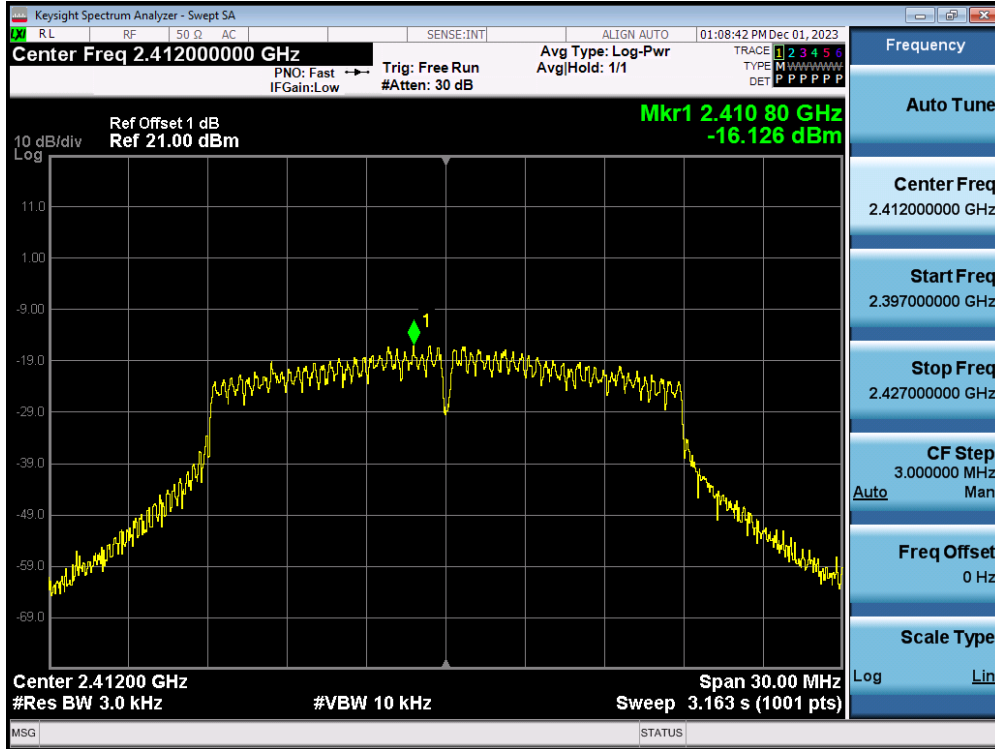
Test Data: Ant1 g 2437MHz



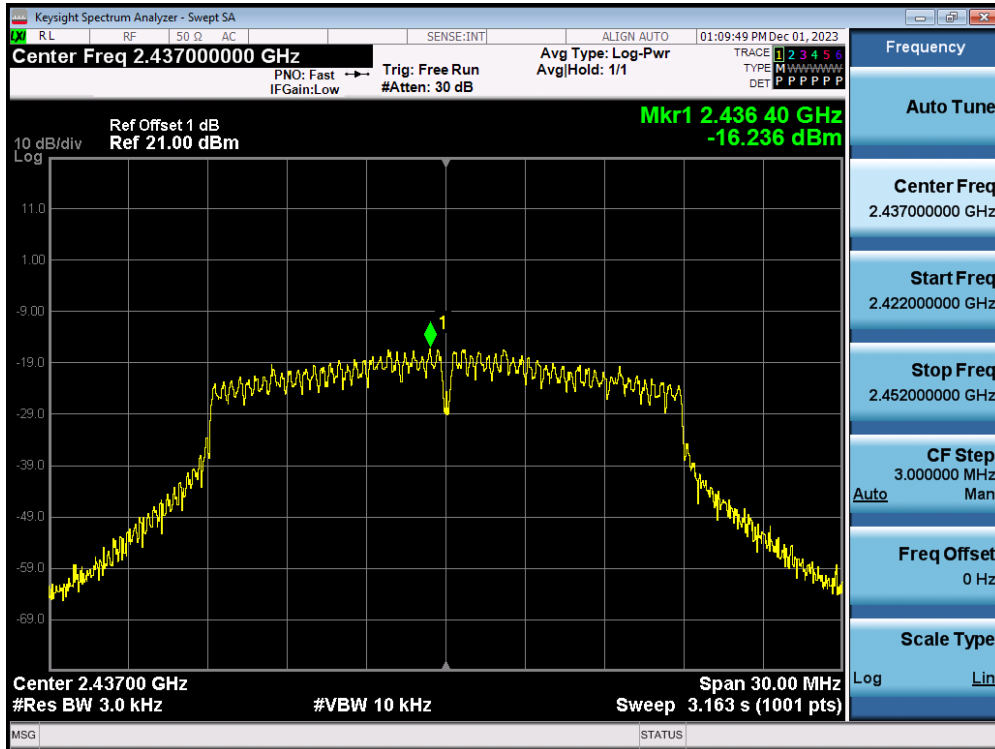
Test Data: Ant1 g 2462MHz



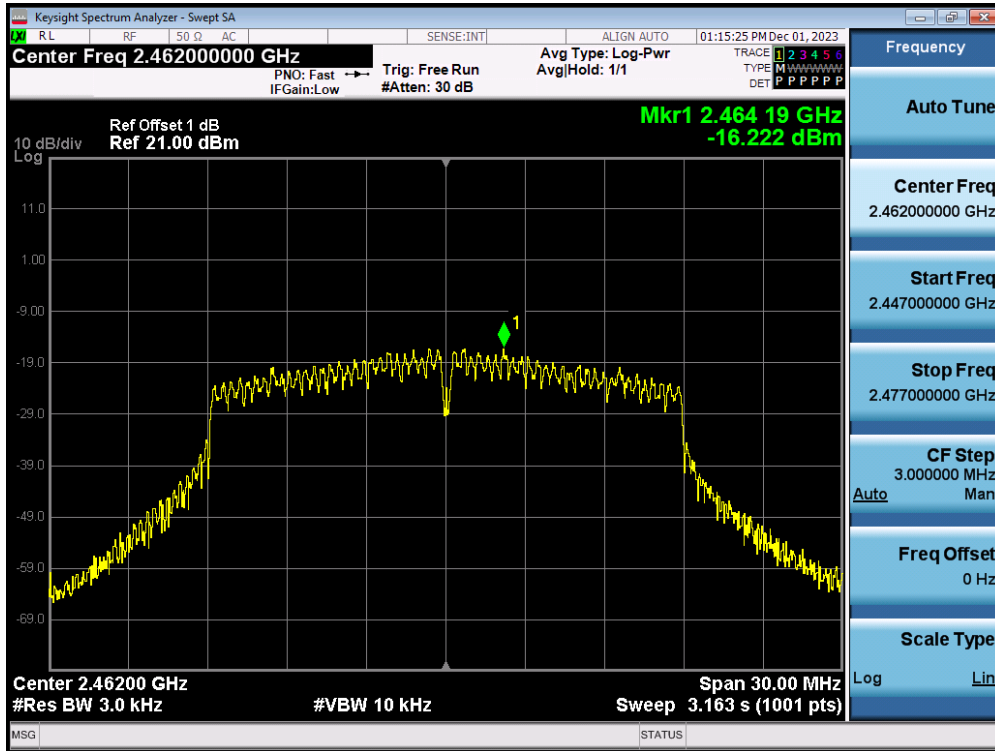
Test Data: Ant1 HT20 2412MHz



Test Data: Ant1 HT20 2437MHz



Test Data: Ant1 HT20 2462MHz





## 11. Appendix

### 11.1 Appendix A: Equipment List

Location	Equipment Name	Brand	Model	S/N	Last Cal. Date	Next Cal. Date
Conduction 02	EMI Receiver 19	R&S	ESR3	102460	05/08/2023	05/08/2024
Conduction 02	Conduction 02-1 Cable	WOKEN	CFD 300-NL	Conduction 02 -1	10/17/2023	10/17/2024
Conduction 02	LISN 26	R&S	ENV216	102378	12/08/2023	12/08/2024
Conduction 02	LISN 21	R&S	ENV216	101476	08/17/2023	08/17/2024
Conduction 02	ISN T8 CAT6A_02	SCHWARZBECK	NTFM 8158	NTFM 8158-00370	07/07/2023	07/07/2024
Conduction 02	ISN T4 07	TESEQ	ISN T400A	30449	08/05/2023	08/05/2024
Conduction 02	ISN T8 10	TESEQ	ISN T800	42773	08/07/2023	08/07/2024
Conduction 02	CDN ISN ST08A_1	Teseq GmbH	CDN ISN ST08A	43352	09/27/2023	09/27/2024
Conduction 02	Capacitive Voltage Probe 01	SCHAFFNER	CVP 2200A	18711	02/05/2024	02/05/2025
Conduction 02	Current Probe	SCHAFFNER	SMZ 11	18030	01/30/2024	01/30/2025

Location Conducted	Equipment Name	Brand	Model	S/N	Last Cal. Date	Next Cal. Date
Chamber 19	Signal analyzer	R&S	FSV40	101919	08/16/2023	08/16/2024
Chamber 19	EMI Receiver	R&S	ESR3	102461	05/08/2023	05/08/2024
Chamber 19	Loop Antenna	EM	EM-6879	271	10/02/2023	10/02/2024
Chamber 19	Bilog Antenna (30MHz-1GHz)	Schwarzbeck	VULB9168 w 6dB Att.	9168-736	03/08/2024	03/08/2025
Chamber 19	Horn antenna (1GHz-18GHz)	ETS • LINDGREN	3117	00218718	10/04/2023	10/04/2024
Chamber 19	Horn antenna (18GHz-26GHz)	Com-power	AH-826	081001	11/24/2023	11/24/2024
Chamber 19	Horn antenna (26GHz-40GHz)	Com-power	AH-640	100A	03/19/2024	03/19/2025
Chamber 19	Preamplifier (9kHz - 3GHz)	EM	EM330	060822	1/08/2024	1/08/2025
Chamber 19	Preamplifier (1GHz - 26GHz)	HP	8449B	3008A02471	10/25/2023	10/25/2024
Chamber 19	Preamplifier (26GHz-40GHz)	MITEQ	JS4-26004000-27-5A	818471	05/04/2023	05/04/2024
Chamber 19	RF Cable (9kHz-26.5GHz)	Huber Suhner	SUCOFLEX 104A	MY1394/4A&MY 1395/4A	09/06/2023	09/06/2024
Chamber 19	RF Cable (18GHz-40GHz)	HUBER SUHNER	Sucoflex 102	27963/2&37421/2	11/22/2023	11/22/2024
Chamber 19	MXG Vector Signal Generator	KEYSIGHT	N5182B	MY53052399	12/26/2023	12/26/2024
Chamber 19	Test Software	Audix	E3 Ver:6.120203b	N/A	N/A	N/A

Location Conducted	Equipment Name	Brand	Model	S/N	Last Cal. Date	Next Cal. Date
Conducted	Power Meter	Anritsu	ML2495A	1116010	09/27/2023	09/27/2024
Conducted	Power Sensor	Anritsu	MA2411B	34NKF50	09/27/2023	09/27/2024
Conducted	Temperature Chamber	KSON	THS-B4H100	2287	05/17/2023	05/17/2024
Conducted	DC Power supply	ABM	8185D	N/A	01/03/2024	01/03/2025
Conducted	AC Power supply	EXTECH	CFC105W	NA	N/A	N/A
Conducted	Spectrum analyzer	Keysight	N9010A	MY56070257	09/26/2023	09/26/2024
Conducted	Test Software	DARE	Radiation Ver:2013.1.23	NA	NA	NA
Conducted	Test Software	R&S	CMUGO Ver:2.0.0	N/A	N/A	N/A
Conducted	Wideband Radio Comm. Tester	R&S	CMW500	1201.002K50108793-JG	10/26/2023	10/26/2024
Conducted	Radio Communication Test Station	Anritsu	MT8000A	6272539604	08/30/2023	08/30/2024
Conducted	MT8000A Test Software	Anritsu	MX800000A Application Launcher V10.10.34.0	NA	NA	NA
Conducted	BT Simulator	Agilent	N4010A	MY48100200	NA	NA
Conducted	MXG Vector Signal Generator	Keysight	N5182B	MY53052399	12/26/2023	12/26/2024
Conducted (TS8997)	Wideband Radio Comm. Tester	R&S	CMW500	168811	09/13/2023	09/13/2024
Conducted (TS8997)	UP/DOWN converter	R&S	CMW-Z800A	100566	09/13/2023	09/13/2024
Conducted (TS8997)	Signal Generator	R&S	SMB100A	183701	09/14/2023	09/14/2024
Conducted (TS8997)	Vector Signal Generator	R&S	SMM100A	101908	09/13/2023	09/13/2024
Conducted (TS8997)	Signal analyzer 40GHz	R&S	FSV40	101884	09/13/2023	09/13/2024
Conducted (TS8997)	OSP150 extension unit CAM-BUS	R&S	OSP150	101107	09/15/2023	09/15/2024
Conducted (TS8997)	Test Software	R&S	EMC32 Ver: 11.70.00	NA	NA	NA

## 11.2 Appendix B: Uncertainty of Measurement

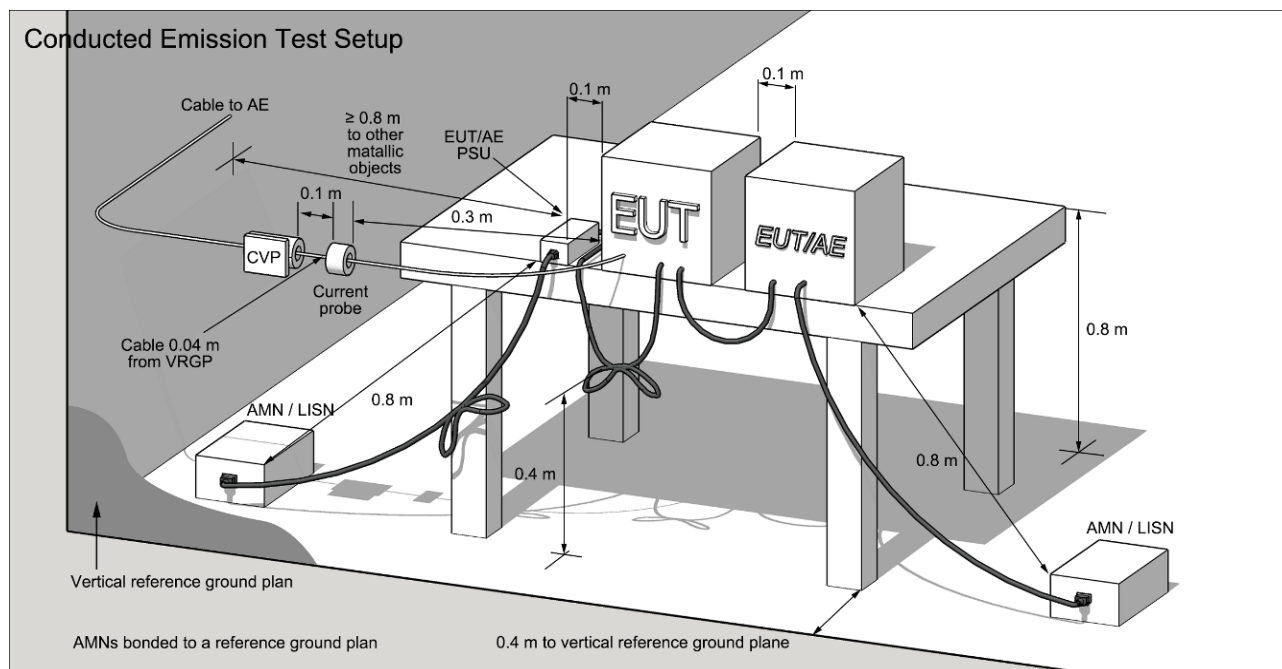
ISO/IEC 17025 requires that an estimate of measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)).

Parameters	Uncertainty (k=2)
Conducted Emission (AC power line)	±0.64 dB
Spurious emissions, radiated	±3.5 dB
RF power, conducted	±1.6 dB
Power Density	±1.7 dB
RF Frequency	±0.0041%
Time	±0.01%
DC Voltage	±0.03%

### 11.3 Appendix C: Test Setup

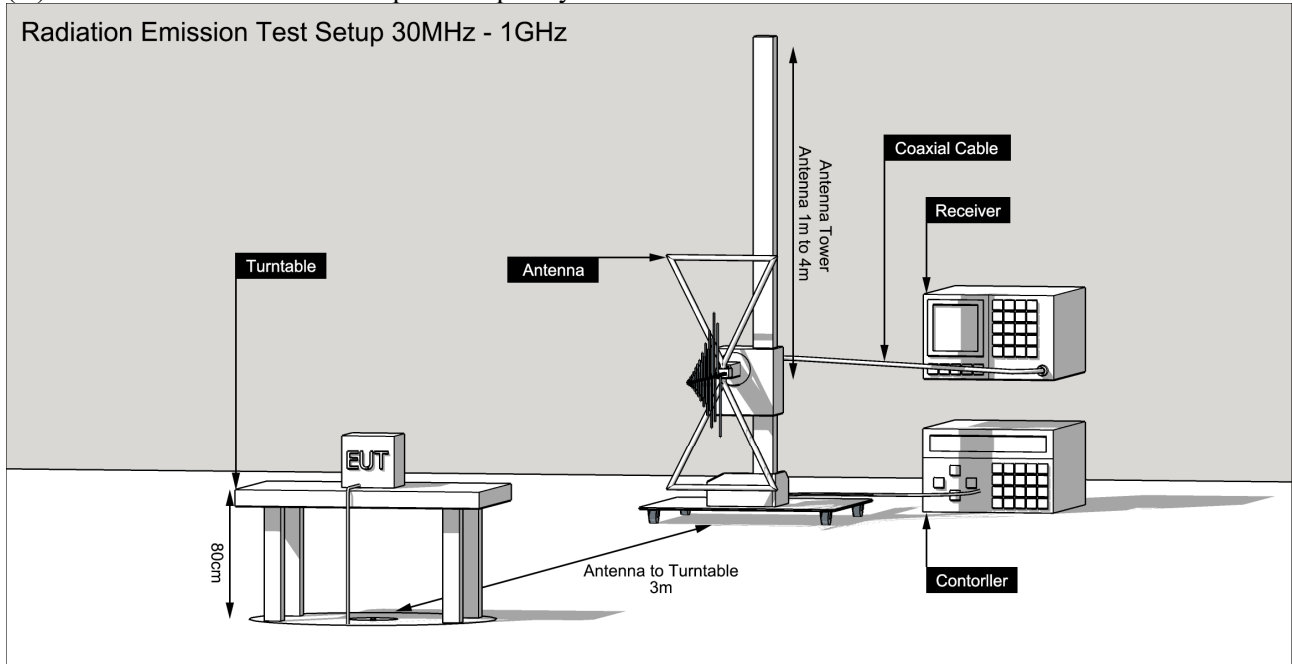
#### AC Line Conducted Emission Test Setup

1. The conducted emission tests were performed in the test site, using the setup in accordance with the ANSI C63.10-2013.
2. The AC/DC Power adaptor of EUT was plug-in LISN. The EUT was placed flushed with the rear of the table.
3. The LISN was connected with 120Vac/60Hz power source.

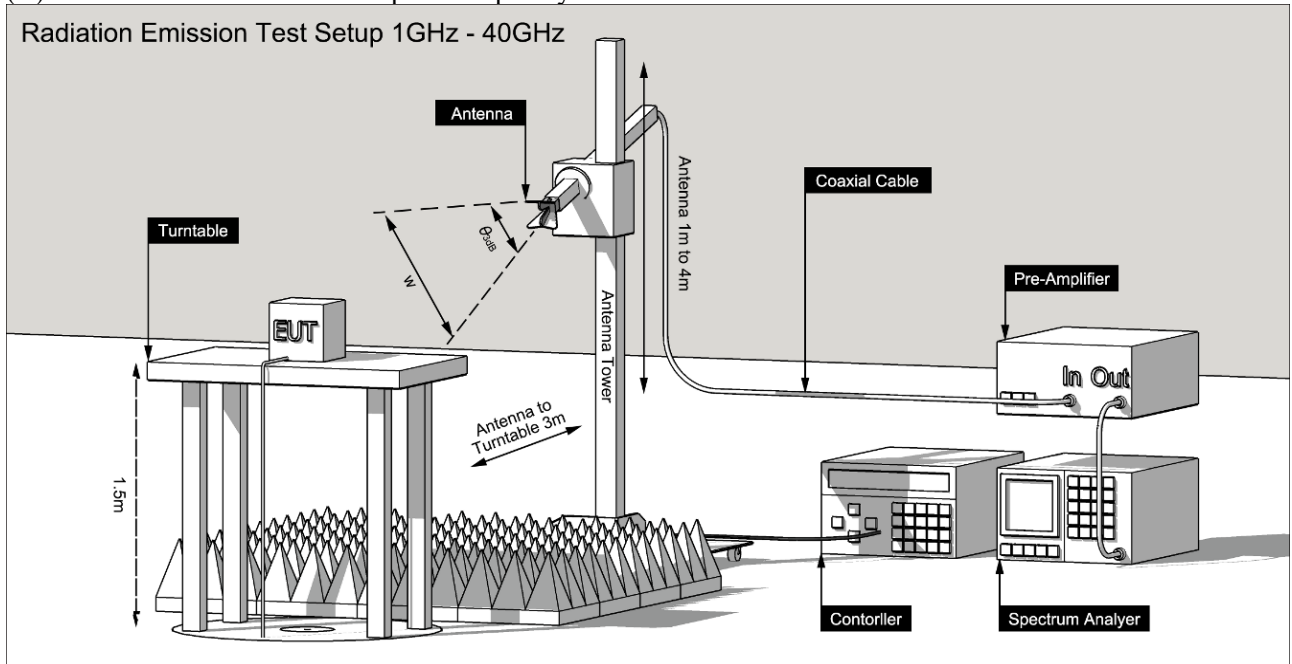


### Radiated Spurious Emission Test & 100kHz Bandwidth of Band Edges Measurement Test Setup

(A) Radiated Emission Test Setup for frequency below 1000MHz



(B) Radiated Emission Test Setup for frequency above 1 GHz



### RF Conducted Measurement Test Setup

